S.12A APPLICATION FOR AMENDMENT OF PLAN
DRAFT TAI PO OUTLINE ZONING PLAN NO. S/TP/31

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

SUPPORTING PLANNING STATEMENT

September 2025

Applicant:
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Consultancy Team:
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Executive Summary

In response to the Government's policy of optimising the use of developable land through reviewing land uses, rezoning sites with development potential to untap the development potential of agricultural land or underutilised land and increasing development intensity wherever appropriate, the Applicant has reviewed the development potential of the undeveloped land in the "Comprehensive Development Area (1)" ("CDA(1)") zone taking into consideration the landownership, Tso Tong and land title problems of the remaining private lots within the "CDA(1)" zone, as well as the latest planning context of the area.

Pursuant to the review, Fantastic State Limited ("the Applicant") submits this planning application to seek approval from the Town Planning Board ("TPB") under section 12A of the Town Planning Ordinance to amend the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP) to enable the Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities ("the Proposed Development") at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories ("the Development Site"). The Development Site consists of two areas: Area (A) and Area (B).

Area (A) comprises two phases: i) Phase I Development includes the six residential towers with domestic gross floor area ("GFA") of 91,390m^2 (equivalent to a domestic plot ratio of 3.44) and building heights of 24 - 29 storeys (excluding 3 levels of basement); a 3-storey clubhouse; and a 2-storey standalone building block (consisting of a public vehicle park with retail facilities at 1/F); and ii) Phase II Development, which includes one residential tower with domestic GFA of 18,187m^2 (equivalent to a domestic plot ratio of 3.44) and building heights of 30 storeys. Area (B) comprises social welfare facilities [including a 150-place Residential Care Home for the Elderly ("RCHE") cum 30-place Day Care Unit ("DCU")] in an 8-storey social welfare complex with a total GFA of about 4,782m^2.

Meanwhile, to facilitate the aforementioned Proposed Development and to reflect the already long-established "as-built" condition of the other areas in the "CDA(1)" zone, the Applicant has presented a comprehensive rezoning proposal for the entire "CDA(1)" zone. The proposed amendments subject of this s.12A application include:

i) A rezoning of the site to the west of Fung Yuen Road falling within "CDA(1)" to "Residential (Group B)13" ("R(B)13") zone (i.e. the aforementioned Area(A));

ii) A relaxation of the maximum building height restriction of the site falling within "Government, Institution or Community" ("G/IC") zone from 2 storeys to 8 storeys (i.e. the aforementioned Area (B));

AND

iii) A rezoning of the site to the north of Fung Yuen Road within "CDA(1)" to "R(B)14" zone ; and

iv) A rezoning of the site to the east of Fung Yuen Road and Fung Yuen Road southern section within "CDA(1)" to "REC" zone.

This Rezoning Proposal is fully justified based on the following reasons:

- Remote prospect for further acquisition of all the remaining private lots in the "CDA(1)" zone to implement the Subsequent Phase development as planned for under the approved Application No. A/TP/333 after almost 38 years since land assembly took place in 1987;
- The Rezoning Proposal is in line with Government's policy on reviewing and untapping the development potential of agricultural land or underutilised land to sustain the Government's efforts in land production;
- The Applicant is committed to provide social welfare facilities in the "G/IC" zone to support the Government's policies and help meet the outstanding demand of RCHE;
- The proposed retail facilities, public vehicle park and open space for the use and enjoyment of public and residents will form a Neighbourhood Activity Node benefitting the whole Fung Yuen community;
- Appropriate land use zonings have been proposed to other portions of the "CDA(1)" zone to reflect the long-established "as-built" conditions;
- The Development Site is suitable for development as it is compatible to the surrounding land use;
- The intensity of the Proposed Development is considered appropriate and compatible with the neighbourhood and the planning of Tai Po New Town;
- The Proposed Development is comprehensively and carefully designed as a single, integrated and coordinated development scheme with self-sustained and supporting facilities; and
- With the support of various technical assessments conducted and attached to this Supporting Planning Statement, it has been proven that the indicative development proposal will not bring insurmountable/unacceptable traffic, visual, ecological, landscape, environmental, air ventilation, drainage, sewerage and water supply impacts.

In consideration of the above, we sincerely request the TPB to support this planning application from planning and technical points of view.

行政摘要
（內文如有差異，應以英文版本為準）

為響應政府地盡其用並善用可開發土地的政策，通過包括檢討土地用途、重新改劃具有發展潛力的農地或未被充分利用的土地、以及在適切情況下提高土地發展的密度，申請人重新檢討了在「綜合發展區的（1）」地帶內剩餘可發展的土地潛力，包括考慮了土地擁有人業權、祖堂、有業權問題的土地，以及最新規劃背景等等。

故此，Fantastic State Limited（下稱「申請人」）現按照城市規劃條例第 12A 條向城市規劃委員會（下稱「城規會」）申請修訂大埔分區計劃大綱草圖 S/TP/31，藉此在新界大埔鳳園丈量約份第 11 約多個地段及毗連政府土地（下稱「發展地盤」）上進行擬議住宅發展連零售、公眾停車場及社會福利設施（下稱「擬議發展」）。發展地盤包含兩個區域： 區域（A）及區域（B）。

區域（A）分兩期發展。第一期包括六座住宅大樓，住用總樓面面積約為 91,390 平方米（住宅地積比率相當於 3.44），建築高度為 24-29 層（不包括 3 層的地下停車場）；一幢三層高的會所；及一幢兩層高的獨立建築（包括一個公共停車場和位於一樓的零售設施）。第二期則有一座住宅大樓，住用總樓面面積約為 18,187 平方米（住宅地積比率相當於 3.44），建築高度為 30 層。區域（B）中含有社會福利設施，包括一幢八層高的社會福利綜合大樓（設有 150 個宿位的安老院舍暨 30 個名額的日間護理單位），總樓面面積約為 4,782 平方米。

同時，為推展擬議發展及反映「綜合發展區的（1）」地帶內其他部份的現況，申請人呈交了全面的改劃方案。是次第 12A 條規劃申請的擬議修訂包括：

i) 將「綜合發展區（1）」地帶內鳳園路以西的土地改劃為「住宅（乙類）13」地帶（即上述的區域（A））；

ii) 將「政府、機構或社區」地帶的最高建築高度限制從 2 層放寬到 8 層（即上述的區域（B））；

和

iii) 將「綜合發展區（1）」地帶內鳳園路以北的土地改劃為「住宅（乙類）14」地帶；及

iv) 將「綜合發展區（1）」地帶內鳳園路南段及其以東的土地改劃為「康樂」地帶。

擬議圖則修訂的申請具充份理據，原因如下：

- 「綜合發展區(1)」地帶內的土地收購自 1987 年開展，經歷 38 年後，再進一步收購「綜合發展區(1)」地帶內所有剩餘的私人地段，以落實核准方案申請編號 A/TP/333 中後續發展期的前景已十分渺茫；

- 政府持續造地的決心一直不變，包括檢討及發掘具有發展潛力的農地或未被充分利用的土地。是次改劃方案與政府積極增加房屋土地供應的政策相符合；

- 申請人承諾在其「政府、機構或社區」地帶擁有的私人土地提供社會福利設施，藉此支持政府政策，並滿足安老院舍的殷切需求；

- 擬議的零售設施、公共停車場及休憩空間將成為一個鄰舍活動樞紐，為整個鳳園社區帶來裨益；

- 為「綜合發展區(1)」地帶內其他部份的長期狀況擬議合適土地用途地帶；

- 改劃地點適合開發，與周圍的土地用途協調；

- 擬議發展的密度合適，與周邊環境及大埔新市鎮的規劃相協調；

- 一體化、綜合、和諧及配有的自給自足設施的擬議發展布局設計顧及整體，思慮周全；及

- 經過多方面的技術評估，證明該指示性發展計劃將不會帶來無法克服/不可接受的交通、視覺、生態、景觀、環境、空氣流通、排水、排污及供水影響。

基於以上規劃及技術理由，申請人懇請城規會批准是次規劃申請。

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S.12A APPLICATION FOR AMENDMENT OF PLAN
DRAFT TAI PO OUTLINE ZONING PLAN NO. S/TP/31

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Supporting Planning Statement

1 INTRODUCTION

1.1 Purpose

1.1.1 This Supporting Planning Statement is prepared and submitted on behalf of Fantastic State Limited ("the Applicant") to seek approval form the Town Planning Board ("TPB") for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP) to enable the Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities ("the Proposed Development") at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories ("the Development Site"). The Development Site consists of two areas: Area (A) and Area (B).

1.1.2 Area (A) comprises two phases: i) Phase I Development includes the six residential towers with domestic gross floor area ("GFA") of 91,390m^2 (equivalent to a domestic plot ratio ("PR") of 3.44) and building heights of 24 - 29 storeys (excluding 3 levels of basement); a 3-storey clubhouse; and a 2-storey standalone building block (consisting of a public vehicle park with retail facilities at 1/F); and ii) Phase II Development, which includes one residential tower with domestic GFA of 18,187m^2 (equivalent to a domestic PR of 3.44) and building heights of 30 storeys. Area (B) comprises social welfare facilities [including a 150-place Residential Care Home for the Elderly ("RCHE") cum 30-place Day Care Unit ("DCU")] in an 8-storey social welfare complex with a total GFA of about 4,782m^2.

1.1.3 To facilitate the Proposed Development and reflect the as-built condition of other areas in the "CDA(1)" zone, the proposed amendments subject of this s.12A application include:

i) A rezoning of the site to the west of Fung Yuen Road falling within "CDA(1)" to "Residential (Group B)13" ("R(B)13") zone (including the aforementioned Area(A));

ii) A relaxation of the maximum building height restriction of the site falling within "Government, Institution or Community" ("G/IC") zone from 2 storeys to 8 storeys (i.e. the aforementioned Area(B));

AND

iii) A rezoning of the site to the north of Fung Yuen Road within "CDA(1)" to "R(B)14" zone ; and

iv) A rezoning of the site to the east of Fung Yuen Road and Fung Yuen Road southern section within "CDA(1)" to "REC" zone.

The aforementioned proposed amendment subjects i), ii) iii) and iv) constitute the Application Site.

1.1.4 This Supporting Planning Statement is to provide TPB with the necessary information to facilitate consideration of this s.12A application.

1.2 Report Structure

1.2.1 Following this introductory section, the background of this s.12A application is briefly set out in **Section 2**. The Application Site and planning context are reviewed in **Section 3.** The relevant prevailing and latest Government policies are described in **Section 4**. **Section 5** outlines the Indicative Development Proposal of the Development Site. **Section 6** presents the proposed amendments to the Draft Tai Po OZP. The planning merits and justifications of the proposed amendment are included in **Section 7**. **Section 8** concludes this supporting planning statement.

2 BACKGROUND

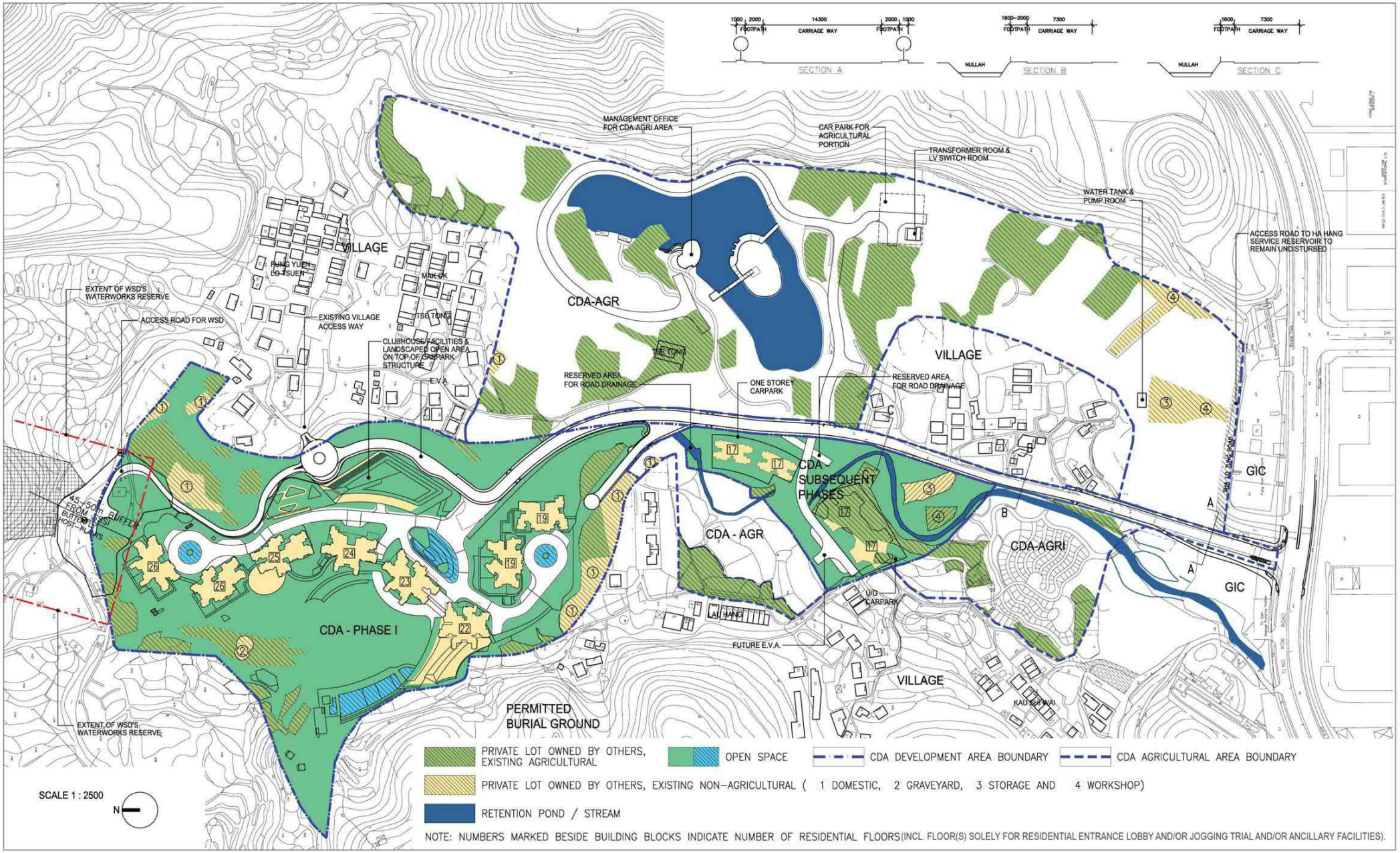
2.1 History of "CDA(1)" Zone at Fung Yuen

2.1.1 The Applicant was the Grantee of Tai Po Town Lot No. 183 that forms a majority portion of the current "CDA(1)" zone at Fung Yuen.

2.1.2 Back in 1980, Fung Yuen was infested and overrun with scattered car repair workshops, open storage and illegal petrol filling stations. In 1982, the problematic area was zoned to "Other Specified Uses" annotated "Comprehensive Redevelopment Area" ("OU(CRA)") for the intention of harnessing resources of the private sector to get rid of these "black spots" by discontinuing the undesirable open storage and car-repairing workshop uses. Pursuant to the then "OU(CRA)" zoning, the Applicant commenced assembling the private lots there and committed tremendous time and resources in clearing the environmentally undesirable black spots uses. In 1999, the "OU(CRA)" zone was rezoned to "Comprehensive Development Area (1)" zone ["CDA(1)"] (**Figure 3.2** refers).

2.1.3 Over a period of 18 years since the designation of the "OU(CRA)" zoning of the site, a S.16 approval was obtained by the Applicant for a comprehensive residential and agricultural development within the entire "CDA(1)" zone in August 2000. According to the approved Master Layout Plan ("MLP") (**Figure 2.1** refers), the comprehensive development is comprised of two portions: Development Portion for residential use and Agricultural Portion for agricultural use. The Development Portion consists of Phase 1 and Subsequent Phase, each with corresponding gross floor space ("GFA") assigned for residential development. This Subsequent Phase (at the time of planning approval) was reserved for future implementation by the Applicant upon his unification of title of all the remaining private lots within the "CDA(1)" zone. The land exchange for Phase 1 was executed in August 2007. The buildings proposed in this Subsequent Phase was subsequently confined and demarcated on the "CDA(1)" zone within the imprints of the two building sheaths located to the south of Mont Vert (**Figure 3.2** refers) by an amended outline zoning plan gazetted in September 2010.

2.1.4 Phase 1 of the Development Portion (regranted as Tai Po Town Lot No. 183), containing the Mont Vert, and the Agricultural Portion was accomplished with the Certificate of Compliance ("CC") issued in Dec 2015. The main planning intention of clearing the black spots within the "CDA(1)" zone was achieved. The development at the Subsequent Phase is yet to commence. With the Applicant's continuous and unfailing effort over the decades in assembling the remaining private lots within the "CDA(1)" zone, it is apparent that after almost **38 years since land assembly took place in 1987**, the prospect for implementation of this Subsequent Phase is very remote, if not impossible, due to absentee ownership, Tso Tong and land title problems. Please refer to **Section 7.1** for more details.



PROPOSED DEVELOPMENT AT FUNG YUEN VALLEY, TAI PO – MASTER LAYOUT PLAN

December 2015

Figure 2.1 Approved Master Layout Plan under Application No. A/TP/333

2.1.5 According to the OZP, the maximum domestic PR of the "CDA(1)" is 0.64. In response to the Government's policy of optimising the use of developable land as far as practicable through reviewing land uses and rezoning sites with development potential to untap the development potential of agricultural land or underutilised land and increasing development intensity wherever appropriate, the Applicant has reviewed the development potential of the undeveloped land in the "CDA(1)" zone taking into consideration of the remaining land title constraints of the private lots within the "CDA(1)" zone, as well as the latest planning context and infrastructural capacities of the area, etc.

2.2 Application for Amendment of Plan

2.2.1 Pursuant to the review, the Applicant submitted a s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and a relaxation of the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

2.2.2 Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the "CDA(1)" Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. Furthermore, appropriate zonings are proposed to reflect the "completed" parts of "CDA(1)" zones (i.e. Phase 1 of the Development Portion and the remaining Agricultural Portion) according to their as-built conditions. No new development is proposed in these completed parts.

2.2.3 The Proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely formed by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38. A detailed comparison of the development parameters between Application No. Y/TP/38 and this Application is presented in **Table 2.1**.

Table 2.1 Comparison of the Development Parameters between Application No. Y/TP/38 and the New Application

Y/TP/38 Development Parameters (a)

	Area (A)	CDA(1) Future Phase (Outside Application Site)	Total
Site Area (m^2)	**26,567**	**5,287**	**31,854**
Total Plot Ratio	**3.63**	**2.65**	**3.47**
- Domestic Plot Ratio	3.6	2.65	3.44
- Non-domestic Plot Ratio	0.03	-	0.03
Total Gross Floor Area (m^2)	**96,441**	**14,011**	**110,452**
- Domestic GFA	95,641	14,011	109,652
- Non-domestic GFA	800	-	800
Total No. of Blocks	**8**	**2**	**10**
- Residential Tower	6	2	8
- Clubhouse	1	-	1
- Retail & PVP	1	-	1
No. of Storeys			
- Residential Tower	25-29	25-26	25-29
- Clubhouse	3	-	3
- Retail & PVP	2	-	2
Building Height (mPD)			
- Residential Tower	+88 to +102	+88 to +91	+88 to +102
- Clubhouse	+22	-	+22
- Retail & PVP	+18	-	+18
No. of Units	1,759	220	1,979
Average Flat Size (m^2)	54.3	63.7	55.4
Clubhouse/Indoor Recreation Facilities GFA (m^2)	Not more than 3,347 (i.e. 3.5% of DGFA)	Not more than 700 (i.e. 5% of DGFA)	Not more than 4,047
Private Open Space (m^2)	Not less than 4,750	Not less than 594	Not less than 5,344
Estimated Population*	4,750	594	5,344

New Submission Development Parameters (b)

	Area (A) Phase I	Area (A) Phase II	Total	Change (b) - (a)
Site Area (m^2)	**26,567**	**5,287**	**31,854**	**-**
Total Plot Ratio	**3.47**	**3.44**	**3.47**	-
- Domestic Plot Ratio	3.44	3.44	3.44	-
- Non-domestic Plot Ratio	0.03	-	0.03	
Total Gross Floor Area (m^2)	**92,190**	**18,187**	**110,377**	**-75**
- Domestic GFA	91,390	18,187	109,577	-75
- Non-domestic GFA	800	-	**800**	**-**
Total No. of Blocks	**8**	**1**	**9**	**-1**
- Residential Tower	6	1	7	-1
- Clubhouse	1	-	1	-
- Retail & PVP	1	-	1	-
No. of Storeys				
- Residential Tower	24-29	30	24-30	-1 to +1
- Clubhouse	3	-	3	-
- Retail & PVP	2	-	2	-
Building Height (mPD)				
- Residential Tower	+85 to +102	+99	+85 to +102	-3 to 0
- Clubhouse	+22	-	+22	-
- Retail & PVP	+21	-	+21	+3
No. of Units	1,718	270	1,988	+9
Average Flat Size (m^2)	53.2	67.4	55.1	-0.3
Clubhouse/Indoor Recreation Facilities GFA (m^2)	Not more than 3,199 (i.e. 3.5% of DGFA)	Not more than 909 (i.e. 5% of DGFA)	Not more than 4,108	+61
Private Open Space (m^2)	Not less than 4,467	Not less than 702	Not less than 5,169	-175
Estimated Population*	4,467	702	5,169	-175

*Adopting persons per occupied flat ("PPOF") ratio of **2.6** based on the territorial-wide average domestic household size in 2024 from Census and Statistic Department.

Area (B) (No Change)

	Area (B)
Site Area (m^2)	3,347
Total GFA (m^2)	4,782
No. of Blocks	1
No. of Storeys	8
Building Height (mPD)	+36
No. of Places - Residential Care for the Elderly - Day Care Unit	 150 30

3 SITE AND PLANNING CONTEXT

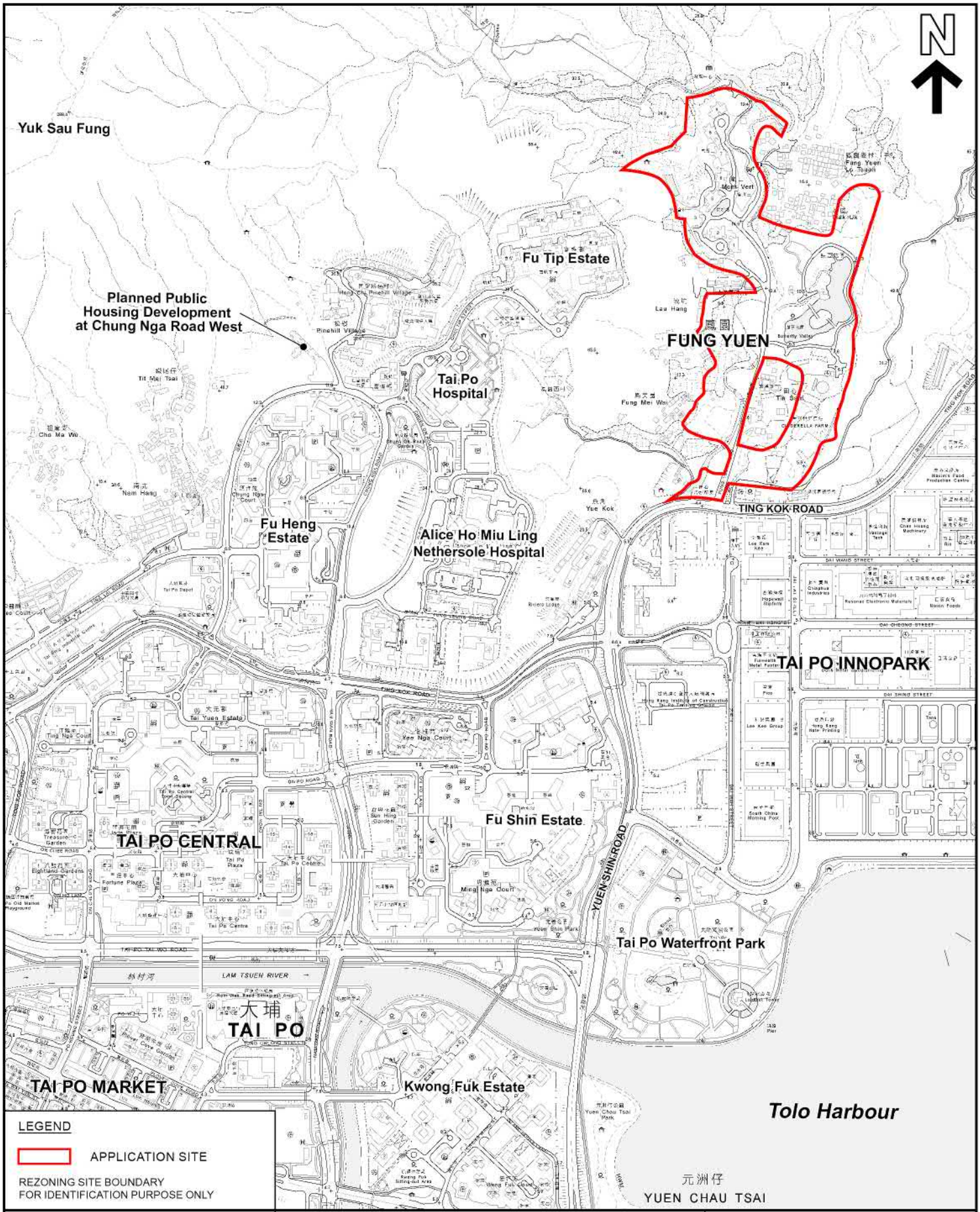
3.1 Site Location

3.1.1 The Application Site is located at Fung Yuen, which is at the northeastern fringe of Tai Po New Town and approximately 1km away from Tai Po Central. Fung Yuen has a valley topography surrounded by hills at its north, east and west, with Tolo Harbour at its southeast (**Figure 3.1** refers).

3.2 Surrounding Land Uses

3.2.1 The Application Site is situated at the interface of urban/sub-urban setting characterised by a mixed low to high-rise residential, industrial, recreational and Government, Institution or Community uses (**Figures 3.2** refers) in it environ. The Application Site is surrounded by:

- To the immediate north, west and enclave of the Application Site are local villages Fung Yuen Lo Tsuen and Mak Uk, Fung Mei Wai and Tin Sam Village respectively, zoned “Village Type Development” (“V”);
- To the further north of the Application Site is the Fung Yuen Valley Site of Special Scientific Interest (“SSSI”) zone;
- To the east of the Application Site is a spur zoned “Green Belt” (“GB”) with a local access to Sha Lo Tung;
- To the immediate south is Fung Yuen Playground and Society of Horticulture, Hong Kong zoned “G/IC”. To the further south across Ting Kok Road are bus depot, Construction Industry Council Tai Po Training Ground as well as the 75-hectare Tai Po Innopark;
- To the further west across a small knoll zoned “GB” are the high-density public housing developments Fu Tip Estate and the planned Public Housing Development at Chung Nga Road West both zoned as “Residential (Group A) 9” and Hong Chi Pinehill Village zoned “G/IC”; and
- To the immediate southwest is a low-rise residential development zoned “Residential (Group C)1”. To the further southwest across the “GB” zone are Tai Po Hospital and Alice Ho Miu Ling Nethersole Hospital zoned “G/IC”, Yue Kok Village zoned “V” and high-rise residential development, namely Riviera Lodge zoned “Residential (Group A)” (“R(A)”).



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LOCATION PLAN

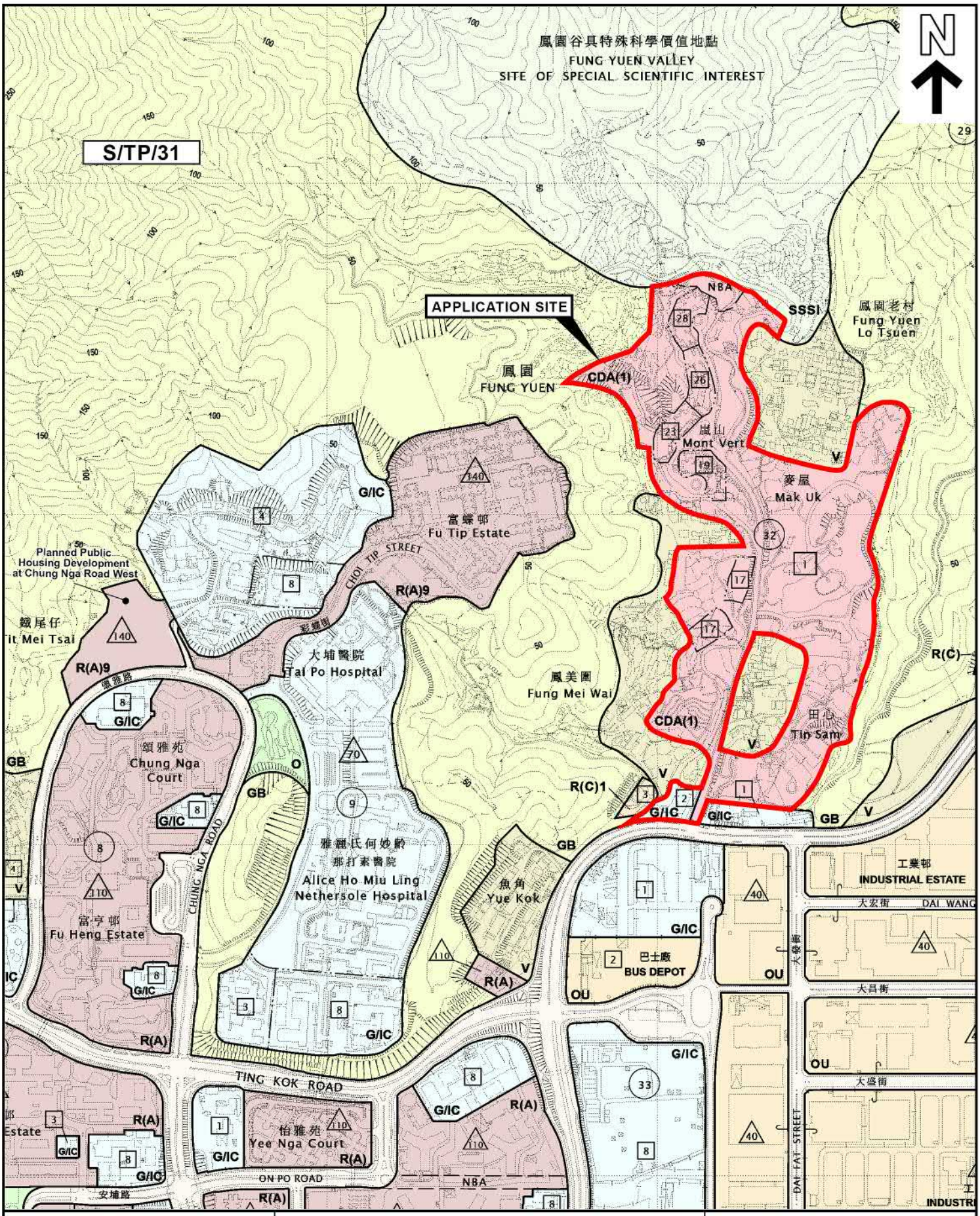
PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE 1 : 10 000

FIGURE 3.1

EXTRACT PLAN BASED ON SURVEY SHEET No. 3-SW-D & 7-NW-B

DATE: 25.9.2025



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LAND USE ZONING PLAN

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE 1 : 7 500

FIGURE 3.2

EXTRACT PLAN BASED ON OUTLINE ZONING PLANS No. S/TP/31 EXHIBITED ON 28.3.2025

DATE: 25.9.2025

3.3 Accessibility

3.3.1 The Application Site is served by Fung Yuen Road and abuts Ting Kok Road which connects to the town centre of Tai Po. The Application Site is also highly accessible to the metro areas of Hong Kong via Tolo Highway and Yuen Shin Road bypassing Tai Po New Town. The Application Site is well served by various public transport services such as franchised and non-franchised bus services, and minibus services. Not only there are frequent services linking to nearby MTR stations (Tai Po Market and Tai Wo) and Tai Po Town Centre, direct and express services to Kowloon East, Tsuen Wan and other new towns in the New Territories are provided.

3.4 Existing Use and Site Condition

3.4.1 The Application Site has a total area of about 187,075m^2. Fung Yuen Road bisects the Application Site in the middle. The eastern portion of the Application Site are occupied by the Agricultural Portion under TPTL 183, an ancestral hall at its northwest and a few fragmented brownfield sites mainly at its south. The Agricultural Portion is fully implemented in accordance with the planning approval under Application No. A/TP/333 and lease. The Agricultural Portion is well-maintained by the Applicant, and is used for agricultural purpose including cultivation and recreation. There are also very few existing domestic structures at the northern boundary of the eastern portion.

3.4.2 The northern portion of the Application Site is mainly sat by an existing high-rise residential development, namely Mont Vert. Being the Phase 1 Development under Application No. A/TP/333, the residential development comprises of 8 residential towers with a building height of not more than 102mPD. The domestic GFA of the development is about 87,356m^2. The construction of the development was completed with the Certificate of Compliance obtained in 2015.

3.4.3 The western portion has an area of about 35,959m^2, sloping down gently towards south from approximately +12.6mPD to +4.8mPD. It is occupied by the Agricultural Portions under TPTL 183, a few structures on private land not owned by the Applicant and a watercourse running in a north-south direction (**Figures 3.3** refer).

3.4.4 The southern portion which basically follows the boundary of the existing "G/IC" zone, has a zoning area of approximately 3,347m^2. At present, the Tin Sam Sewage Pumping Station occupies the southern part of Area (B), and the remaining area is largely vacant, covered with vegetation and a watercourse.

3.5 Statutory Planning Context

3.5.1 A majority of the Application Site falls within an area zoned "CDA(1)" on the OZP, except the southern portion of the Application Site which is zoned "G/IC" (**Figure 3.2** refers).

3.5.2 Under the "Remarks" column of "CDA(1)" zone, it is stipulated that "No new development, or addition, alteration and/or modification to or redevelopment of an

existing building shall result in a total development and/or redevelopment in excess of a maximum domestic plot ratio of 0.64 and a maximum building height in terms of number of storeys as stipulated on the Plan, or the plot ratio and height of the existing building, whichever is the greater".

3.5.3 It is further explained in the Explanatory Statement that "CDA(1)" zone is intended to encourage a comprehensive development/redevelopment of the site with a view to discontinuing the undesirable open storage and car repairing workshop uses that existed on the site and that the maximum domestic PR is restricted to 0.64 due to the general infrastructure constraints pertinent to the area.

3.5.4 According to the Statutory Notes of the Draft Tai Po OZP No. S/TP/31, "G/IC" zone is "intended primarily for the provision of Government, institution or community facilities serving the needs of the local residents and/or a wider district, region or the territory. It is also intended to provide land for uses directly related to or in support of the work of the Government, organizations providing social services to meet community needs, and other institutional establishments".

3.5.5 Under the "Remarks" column of "G/IC" zone, it is stipulated that no new development, or addition, alteration and/or modification to or redevelopment of an existing building shall result in a total development and/or redevelopment in excess of the maximum building height in terms of number of storeys as stipulated on the Plan. Development on this "G/IC" zone is subject to a maximum building height restriction of 2 storeys.

3.6 Land Status

Northern Portion

3.6.1 The majority of the northern portion of the Application Site is private lot, Tai Po Town Lot 183 RP (i.e. Mont Vert). The remaining Government land is accounted by a section of Fung Yuen Road and the local access.

Table 3.1 Breakdown of Land Ownership of Northern Portion

Land Ownership [a]	Northern Portion
Private land owned by the Applicant (m^2)	51,404 (80%)
Private land owned by others (m^2)	7,143 (11%)
Government land (m^2)	5,939 (9%)
Total (m^2)	64,486

[a] The areas are measured by using geographic information system software, and subject to detailed on-site survey.

Eastern Portion

3.6.2 Nearly all land in the eastern portion of the Application Site is private lot. Tai Po Town Lot 183 S.A RP contributes to more than 70%. The remaining are mostly various lots in D.D. 11 and Government land accounted by the southern section of Fung Yuen Road.

Table 3.2 Breakdown of Land Ownership of Eastern Portion

Land Ownership [a]	Eastern Portion
Private land owned by the Applicant (m^2)	70,033 (80%)
Private land owned by others (m^2)	11,744 (13%)
Government land (m^2)	5,611 (7%)
Total (m^2)	87,388

[a] The areas are measured by using geographic information system software, and subject to detailed on-site survey.

Western Portion

3.6.3 The western portion of the Application Site comprises of various lots in D.D. 11 and adjoining Government land, Fung Yuen, Tai Po and Fung Yuen Road. About 52% of the western portion is private land owned by the Applicant and its sister company whilst the remaining areas (i.e.33% and 15%) are Government land and private land owned by others, respectively. For Area (A) Phase I, about 60% of is private land owned by the Applicant and its sister company, whilst the remaining areas (i.e. 31% and 9%) are Government land and private land owned by others, respectively.

Table 3.3 Breakdown of Land Ownership of Western Portion

Land Ownership [a]	Area (A) Phase I	Area (A) Phase II	Western Portion Total
Private land owned by the Applicant (m^2)	16,016 (60%)	505 (10%)	16,521 (52%)
Private land owned by others (m^2)	2,333 (9%)	2,499 (47%)	4,832 (15%)
Government land (m^2)	8,218 (31%)	2,283 (43%)	10,501 (33%)
Total (m^2)	26,567	5,287	31,854

[a] The areas are measured by using geographic information system software, and subject to detailed on-site survey.

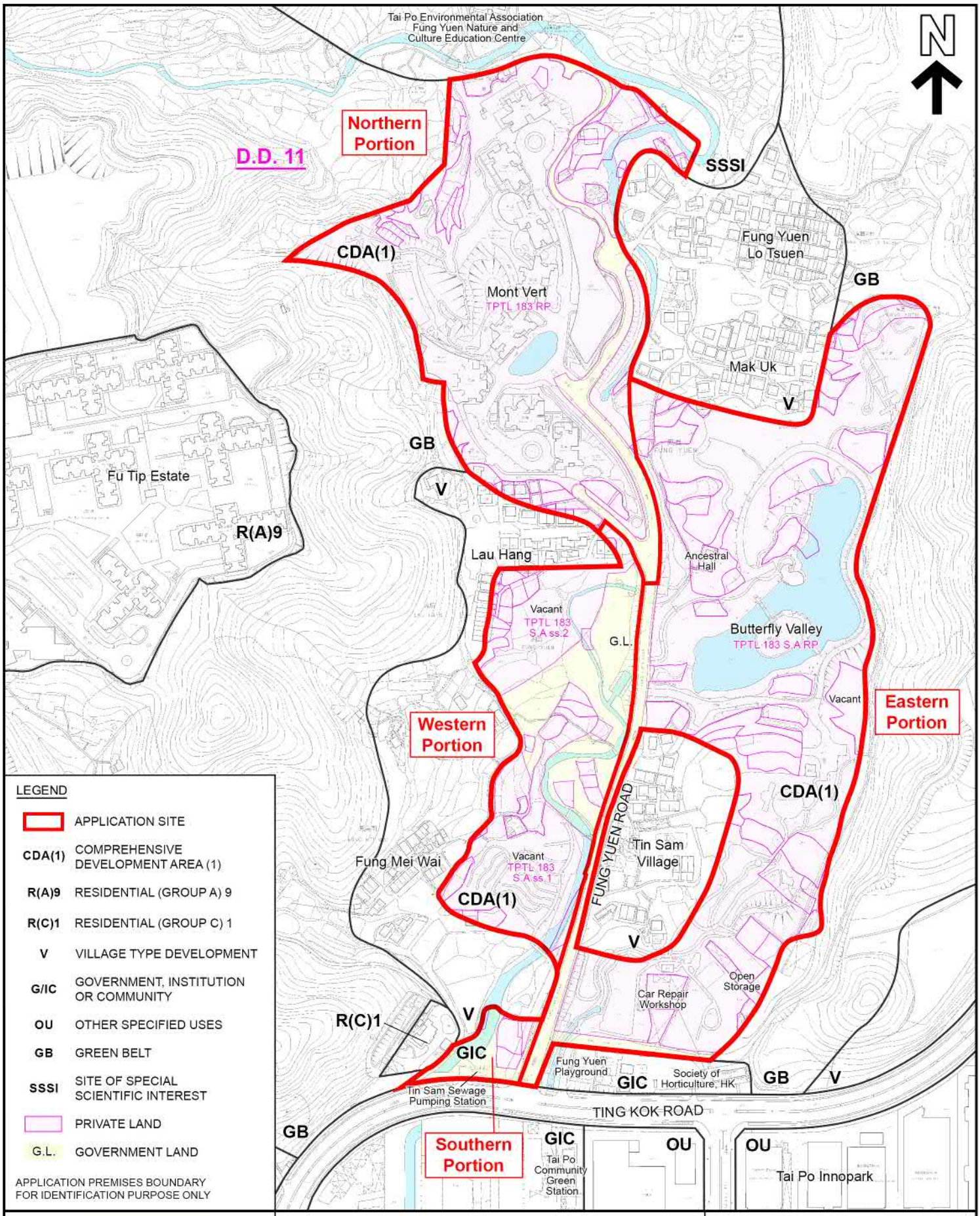
Southern Portion

3.6.4 The private lots involving for accommodating the proposed Social Welfare Complex are owned by the Applicant. The remaining Government land involved in Area (B) is mainly taken up by the existing Tin Sam Sewage Pumping Station and watercourse. The Applicant is committed to provide of a social welfare complex to the vicinity. For details, please refer to **Section 5.3** of this Supporting Planning Statement.

Table 3.4 Breakdown of Land Ownership of Southern Portion

Land Ownership [a]	Southern Portion
Private land owned by the Applicant (m^2)	918 (27%)
Private land owned by others (m^2)	29 (1%)
Government land (m^2)	2,400 (72%)
Total (m^2)	3,347

[a] The areas are measured by using geographic information system software, and subject to detailed on-site survey.



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SITE PLAN

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE 1 : 4 000

FIGURE 3.3

EXTRACT PLAN BASED ON
SURVEY SHEET No.
3-SW-25C & 25D, 7-NW-5A, 5B, 5C & 5D

DATE: 25.9.2025

4 GOVERNMENT'S POLICIES ON HOUSING

4.1 Government's Determination on Increasing Housing Supply

4.1.1 The Government has put strong emphasis on increasing supply of housing land for more than ten years to resolve the housing and land shortage problems in Hong Kong, even though the market value of private residential properties is dropping in the recent years. Some of the major policies to increase housing land supply are highlighted as follows:

Multi-pronged Approach to Increase Land Supply for Housing

4.1.2 It has been the Government's Policy since 2013 to increase land supply to meeting housing needs of Hong Kong through a multi-pronged approach with short-, medium- and long-term measures. The **short-term measures** include optimising the use of developed land as far as practicable through **reviewing land uses** and **rezoning sites** with development potential **to untap the development potential of agricultural land or underutilised land** and **increasing development intensity** wherever appropriate.

Task Force on Land Supply

4.1.3 The Task Force on Land Supply (the "Task Force") was established in September 2017 with a view to making recommendations to the overall land supply strategy and prioritising different land supply options for the Government. The Task Force submitted the final report to the administration on 31 December 2018 for consideration. The report opined that the actual land shortfall may be much higher than 1,200 ha and there will be an acute shortage of land for housing (about 108 ha) in the short term. As such, the Task Force suggests giving priority to studying and implementing 8 land supply options and that no short-to-medium options should be given up lightly unless there are strong justifications. **Tapping into private agricultural land reserve in the New Territories is one of the three short-to-medium term supply options suggested by the Task Force after wide consultations with the public.** On 20 February 2019, the Government announced that it fully endorses the recommendations rendered by the Task Force on land supply strategy.

Long Term Housing Strategy

4.1.4 The Long Term Housing Strategy ("LTHS") was first released by the Transport and Housing Bureau on 16 December 2014 to address the structural issues pertaining to Hong Kong's housing problem, and is being updated annually to make timely adjustments accordingly. According to the latest Annual Progress Report released in December 2021, the total housing supply target for the ten-year period from 2025-26 to 2034-35 is about 440,000 units, including public and **private housing supply targets** of 308,000 units and **132,000 units** respectively. The public/private split for the supply of new housing units would be maintained at 70:30. Whilst the

Government will continue to take forward measures to form land as recommended by the Task Force [namely the brownfield development, Land Sharing Pilot Scheme ("LSPS"), partial development of the Fanling Golf Course ("FGC"), development of the New Development Areas, reclamation for Kau Yi Chau ("KYC") Artificial Islands and rezoning of existing land for public housing production], the Government also admits that providing land towards achieving LTHS target over the next 10 years would be a great challenge, and the **supply target of private housing will continue to be met through various land supply sources**, including private development/redevelopment projects.

2024 Policy Address

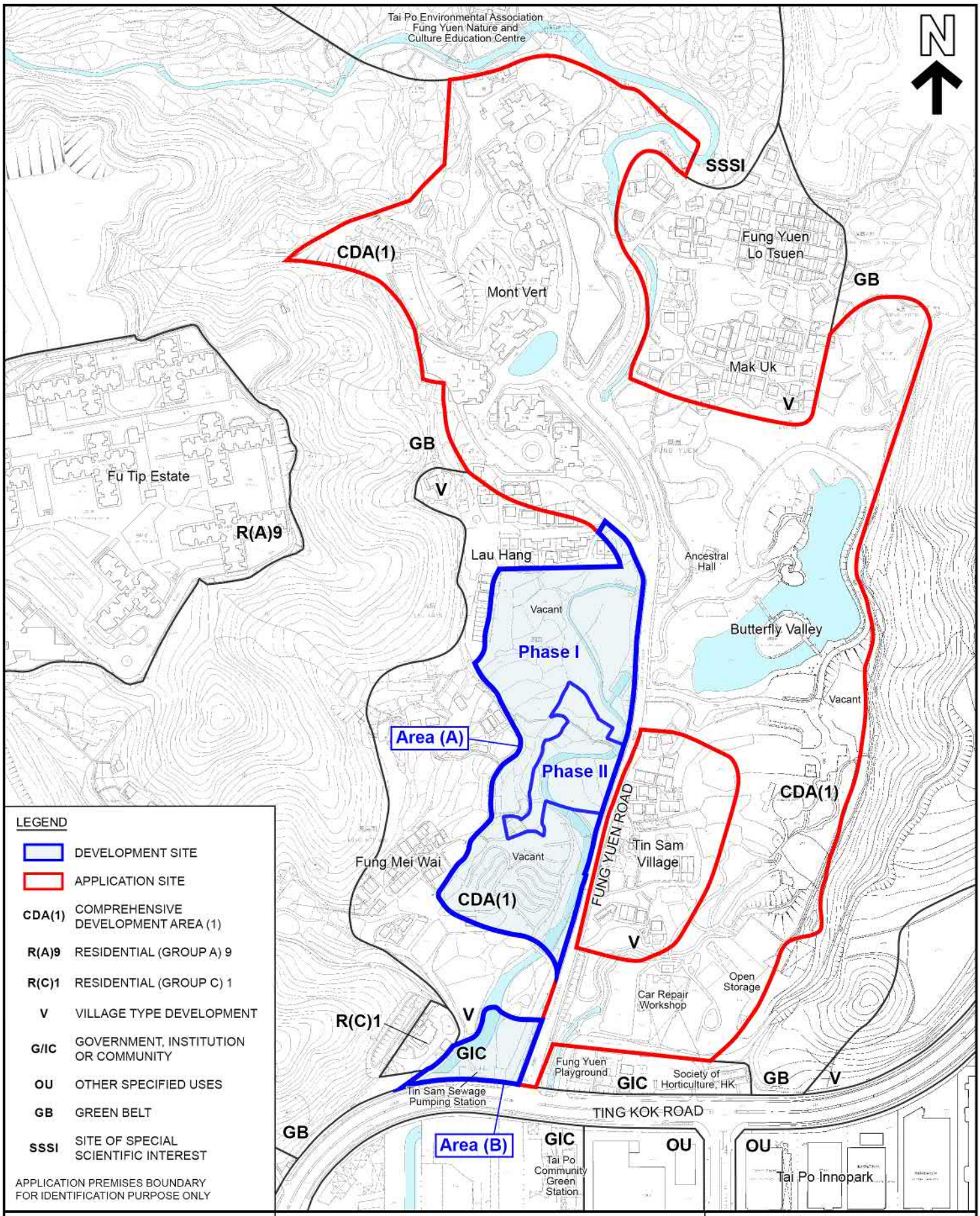
4.1.5 As announced in the 2024 Policy Address, the Government remains determined to sustain efforts in land production. It was also emphasised in the 2024 Policy Address that the Government is making vigorous effort in streamlining land development procedures. By stating that all approving departments are required to take a facilitating role and strive to streamline the relevant procedures when processing applications, the Government will continue to cut red tapes and streamline procedures.

5 THE INDICATIVE DEVELOPMENT PROPOSAL

5.1 The Development Site

5.1.1 Based on the land consolidated on the western and southern portion of the Application Site, which is immediately available for development, an indicative development proposal showing the intended developments upon the proposed amendments of the Plan is illustrated in **Appendix 1** of this Supporting Planning Statement. The purpose of the attached proposal is to demonstrate the Proposed Development (with the proposed PR and building height) are appropriate and feasible. A set of architectural drawings including the Indicative Layout Plan (**Figure 5.2** refers) and Diagrammatical Section Plan is devised for reference only and is subject to detailed design at later stage.

5.1.2 The Development Site consists of two areas: Area (A) and Area (B), which is the western and southern portion of the Application Site (**Figure 5.1** refers).



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DEVELOPMENT SITE PLAN

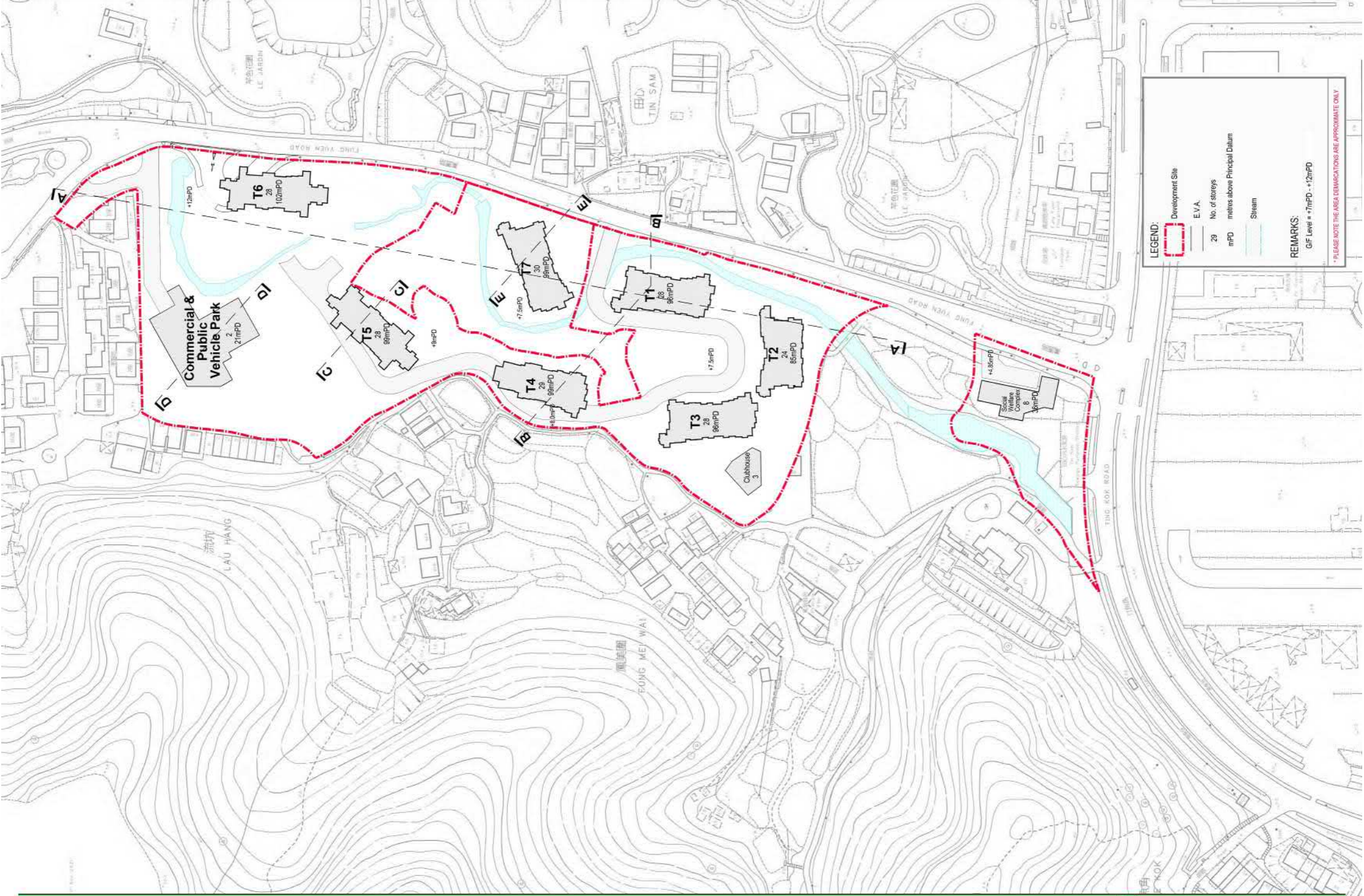
PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE 1 : 4 000

FIGURE 5.1

EXTRACT PLAN BASED ON
SURVEY SHEET No.
3-SW-25C & 25D, 7-NW-5A, 5B, 5C & 5D

DATE: 25.9.2025



REZONING APPLICATION
AT FUNG YUEN ROAD,
TAI PO, N.T.

Figure 5.2 Indicative Layout Plan

Dwg. No: 250904_(r5)- fung yuen (for submission lands).dwg
1 : 1000 (A2) 1:1500 (A3)
10/09/2025
File Path: v:\s_jobs\s3066a dd11 fung yuen tai po_ rs12a__ckh_pl b\arch dwg\20250910\250904_(r5)- fung yuen (for submission lands)

5.2 Area (A) - Proposed Residential Development with Retail Facilities and Public Vehicle Park

5.2.1 Area (A) has a total area of about 31,854m^2 and comprises two phases:

i) Phase I Development - six residential towers with domestic GFA of 91,390m^2 (equivalent to a domestic PR of 3.44) and building heights of 24 - 29 storeys (excluding 3 levels of basement); a 3-storey clubhouse; and a 2-storey standalone building block (consisting of a public vehicle park of 30 car parking spaces and the ancillary car parking spaces and loading/unloading facilities of the retail facilities at G/F and retail facilities at 1/F (with shop and services floor space of not more than 800m^2); and

ii) Phase II Development, which includes one residential tower with domestic GFA of 18,187m^2 (equivalent to a domestic PR of 3.44) and building heights of 30 storeys.

5.2.2 It is anticipated that the two phases of the proposed residential development will provide a total of about 1,988 residential units housing approximately 5,169 persons. The major development parameters of Area (A) are summarised in **Table 5.1** below.

5.3 Area (B) – Proposed Social Welfare Complex

5.3.1 Area (B) falls entirely within "G/IC" zone which has a zoning area of 3,347m^2 with a maximum building height restriction of 2 storeys. At present, the Tin Sam Sewage Pumping Station occupies the southern part of Area (B), with the remaining area being mainly vacant and covered with vegetation and a watercourse.

5.3.2 The Applicant proposes to utilise its private land in the existing G/IC zone adjoining Fung Yuen Road for the accommodation of an 8-storey social welfare complex with a total GFA of about 4,782m^2. The proposed social welfare complex is designed to accommodate a 150-place Residential Care Home for the Elderly ("RCHE") cum 30-place Day Care Unit ("DCU"). Upon completion, the Applicant is willing to set up a private or self-financing RCHE to alleviate the surging demand for RCHE, thereby serving the needs of the ageing population in Hong Kong. The major development parameters of Area (B) is summarised in **Table 5.2** below.

5.3.3 Detailed design of the RCHE cum DCU would be controlled through relevant ordinances and regulations including the requirements from lease conditions and the Schedules of Accommodation for RCHE[1] and DCU[2] approved by SWD.

[1] SWD (2017), "*Schedule of Accommodation for 150-place Residential Care Home for the Elderly*", retrieved from: https://www.swd.gov.hk/storage/asset/section/609/en/RCHE_150(06112017).pdf

[2] SWD (2020), "*Schedule of Accommodation for Day Care Unit in Residential Care Home for the Elderly (Capacity: 20 or 30 places)*", retrieved from: https://www.swd.gov.hk/storage/asset/section/609/en/SoA_DCU_in_RCHE(20_30p)(20200220).pdf

Table 5.1 Major Development Parameters of Area (A)

Development Parameter	Area (A) Phase I	Area (A) Phase II	Total
Development Site Area (m^2) (about)	26,567	5,287	31,854
Total PR (about) - *Domestic* - *Non-domestic*	3.47 *3.44* *0.03*	3.44 *3.44* -	3.47 *3.44* *0.03*
Total GFA (m^2) (not more than) - *Domestic* - *Non-domestic*	92,190 *91,390* *800*	18,187 *18,187* -	110,377 *109,577* *800*
Total No. of Blocks - *Residential Tower* - *Clubhouse* - *Retail & PVP*	8 *6* *1* *1*	1 *1* - -	9 *7* *1* *1*
No. of Storeys - Residential Tower - Clubhouse - Retail & PVP	Not more than 29 *24-29* *3* *2*	Not more than 30 *30* - -	Not more than 30 *24-30* *3* *2*
Building Height (main roof; mPD) - Residential Tower - Clubhouse - Retail & PVP	Not more than +102 *+85 to +102* *+22* *+21*	Not more than +99 *+99* - -	Not more than +102 *+85 to +102* *+22* *+21*
No. of Units	1,718	270	1,988
Average Flat Size (m^2)	53.2	67.4	55.1
Clubhouse/Indoor Recreation Facilities GFA (m^2)	Not more than 3,199 (i.e. 3.5% of DGFA)	Not more than 909 (i.e. 5% of DGFA)	Not more than 4,108
Private Open Space (m^2) - *For Exclusive Use of Residents* - *For Public and Residents*	Not less than 4,467 *Not less than 3,467* *Not less than 1,000*	Not less than 702 *Not less than 702* -	Not less than 5,169 *Not less than 4,169* *Not less than 1,000*
Estimated Population*	4,467	702	5,169

[a] The proposed Public Vehicle Park is exempted from GFA/PR calculation
[b] For the sake of an efficient carpark layout, the ancillary car parking and loading/unloading facilities of the retail facilities (consisting of 6 car parking spaces, 1 motorcycle parking space and 1 loading/unloading space) together with the proposed parking spaces of the Public Vehicle Park will be provided on ground floor of the standalone commercial block and is proposed to be exempted from GFA/PR calculation,
[c] The estimated population is based on persons per occupied flat ("PPOF") ratio of 2.6, which is the territorial-wide average domestic household size in 2024

Table 5.2 Major Development Parameters of Area (B)

Development Parameter	Area (B)
Total GFA (m^2)	4,782
No. of Blocks	1
No. of Storeys	8
Building Height (main roof; mPD)	+36
No. of Places - Residential Care Home for the Elderly - Day Care Unit	 150 30

5.4 Key Design Features

5.4.1 The Indicative Development Proposal has been taken into account the following considerations:

Provision of Social Welfare Facilities

5.4.2 In light of the surging demand for provision of RCHE in the next decades, and echoing with the Government's initiative announced in 2021 Policy Address to designate floor space exclusively for social welfare purposes in residential development, the Applicant will surrender its private land in Area (B) and construct a social welfare complex, comprising 150-place RCHE cum a 30-place DCU) with a GFA equivalent to about 5% (viz. about 4,782m^2) of the domestic GFA of proposed residential development in Area (A) Phase I.

Provision of Retail Facilities and Public Vehicle Park Forming a Neighbourhood Activity Node

5.4.3 Considering the daily needs of the nearby communities and the future residents of proposed residential development, 'Shop and Services' use with a GFA of not more than 800m^2 is proposed at 1/F of the standalone 2-storey commercial building block, located in northern part of Area (A), which is centrally located in Fung Yuen and conveniently accessible from the residential development and villages in the neighbourhood.

5.4.4 In response to Transport Department's request, opportunity is also taken to provide about 30 public private car parking spaces at G/F to accommodate the demand on parking facilities in the area. In addition, 6 car parking spaces, 1 motorcycle parking space and 1 loading/unloading bay ancillary to the retail facilities will be provided to fulfil with the requirements of the Hong Kong Planning Standards and Guidelines ("HKPSG"). These ancillary retail parking spaces will be made available for night time public parking outside the operation hours of the proposed retail facilities.

5.4.5 With a landscaped open space provided on various level within and near the retail facilities and public vehicle park (to be discussed in para. 5.5.2), a neighbourhood activity node will be formed, benefitting the whole Fung Yuen community.

Building Layout and Disposition

5.4.6 The proposed layout of the residential development echoes with the curvilinear configuration and disposition of Mont Vert in the north-south direction which helps to add special visual interests to the area and minimise any visual disturbance and obstruction of air circulation (**Figure 5.3** refers).

5.4.7 With an aim to preserve the existing watercourse adjoining Fung Yuen Road as well as the trees alongside the watercourse as far as practicable, residential towers, clubhouse building and the eastern extent of the basement carpark are setback from the watercourse and the site boundary.

5.4.8 To minimise the interface issue with adjoining low-rise village houses, residential towers are positioned away whenever possible. The indicative building setbacks from the existing watercourse and the eastern development site boundary is about 3m and 5m respectively, subject to detailed design. Adequate buffer areas for tree and hedge planting along the site boundary are allowed to soften the development edge (**Figure 5.2** refers).

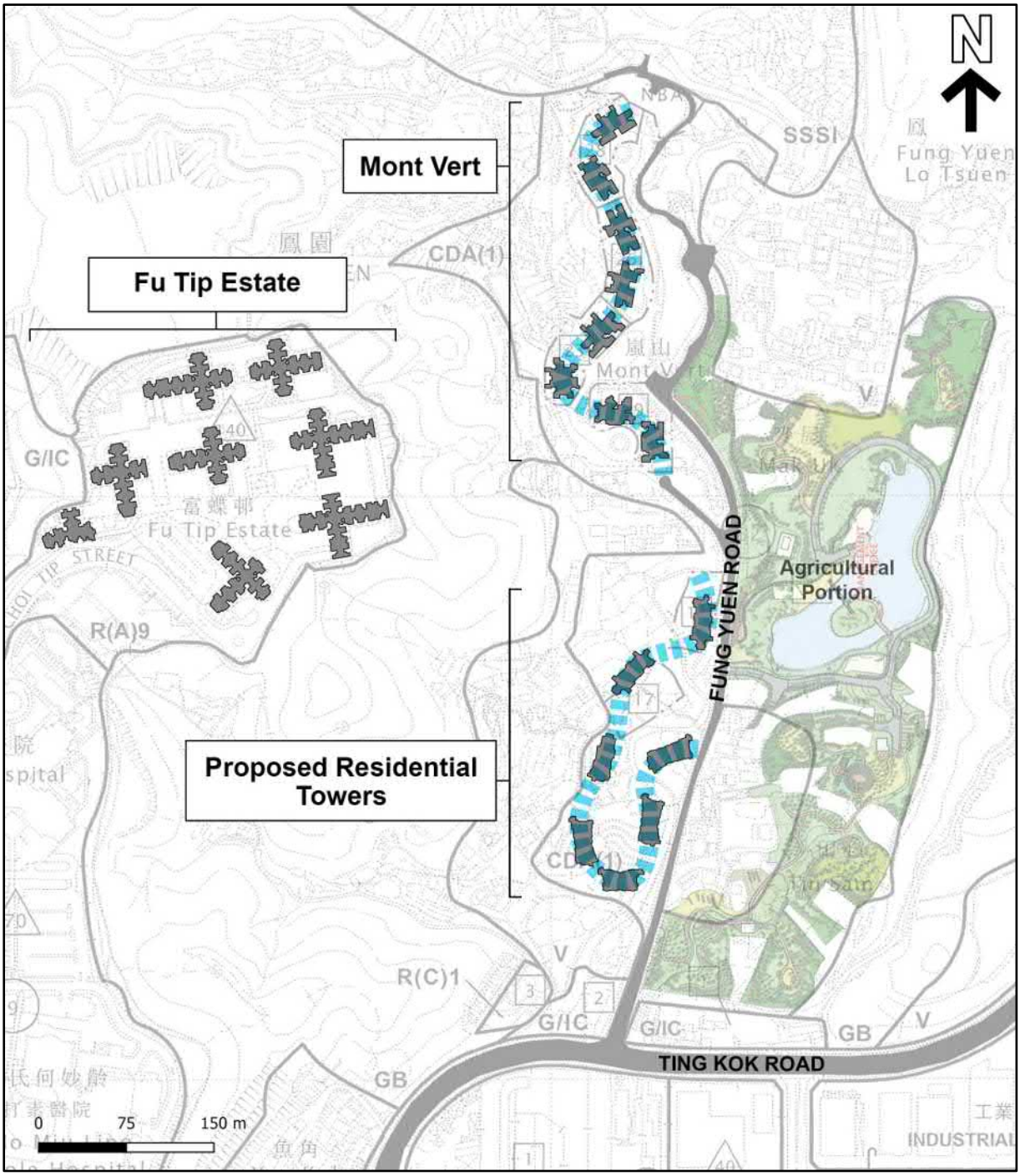


Figure 5.3 Illustration of the Curvilinear Configuration of Mont Vert and Proposed Residential Towers

Building Separation

5.4.9 The layout shows the feasibility of allowing adequate separations, including one 30m-wide and two 15m-wide building separations, between proposed residential towers to enhance air ventilation and avoid wall-effect. This building design feature would not only foster a quality-built environment but also help break down the visual mass of the proposed residential development and maintain the visual permeability in the east-west direction.

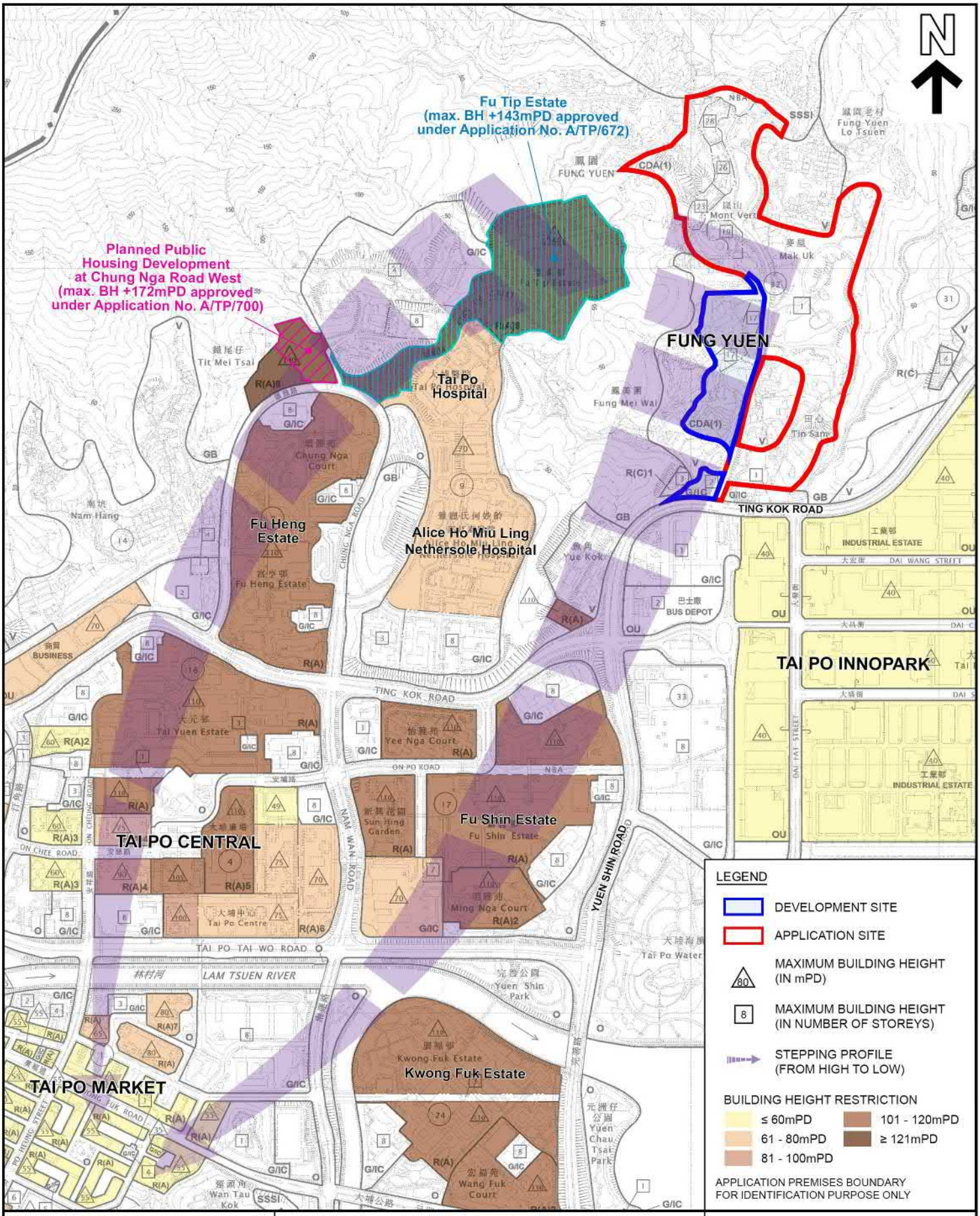
Minimal Building Bulk

5.4.10 Apart from the proposed building separations, the Applicant has carefully taken into account of the visual permeability of the proposed residential development, which is determined by the interplay of a host of factors, such as PR, site coverage, building height, design and disposition of buildings and the geometry of the Fung Yuen Site. A podium-free design with 3 levels of underground parking facilities is therefore adopted to minimise the overall building height of the proposed residential development. An underground sewerage treatment plant is deliberately accommodated below Tower 2 to minimise the building bulk above ground as far as possible. Furthermore, the current building footprint of residential towers have been minimised as far as possible with a view to having smaller building bulks with higher internal efficiency as compared with the same PR of other residential developments.

Stepped Building Height

5.4.11 The building height of the proposed residential development(s) has been carefully devised to create a harmonious urban context and ensure compatibility with surrounding developments in the vicinity. Building height of the proposed residential towers ranges from +85mPD to +102mPD, which is comparable with the maximum building height of Mont Vert (about +102mPD) and compatible with the maximum building heights of planned Public Housing Development at Chung Nga Road West (not more than +172mPD), Fu Tip Estate (about +143mPD) and other "R(A)" zones (about +110mPD) to the west and southwest of the Development Site.

5.4.12 In addition, the "stepped height concept" adopted by the Government in the urban planning of Tai Po (as explained in RNTPC Paper No. 6/14) with building heights descending from the northern fringe to the central part of Tai Po New Town is followed. As illustrated in **Figure 5.4**, a stepped building height profile descending from the planned public housing developments at Chung Nga Road West and the Proposed Development to Tai Po Central and further to the Tai Po Market will be formed to help preserve the views towards the ridgelines.



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BUILDING HEIGHT PROFILE

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE 1 : 10 000

FIGURE 5.4

EXTRACT PLAN BASED ON OUTLINE ZONING PLANS No. S/TP/31 EXHIBITED ON 28.3.2025

DATE: 25.9.2025

5.5 Landscape Proposal, Open Space Provision and Recreational Facilities

5.5.1 An indicative landscape proposal for the Proposed Development is shown in **Figure 5.5**. For details on the landscape design and tree preservation proposal, please refer to **Appendix 13**. The design objectives of the landscape proposal are as follows:

a) Integrate the Proposed Development from landscape and visual perspectives with the existing rural/residential context with aesthetically appropriate landscape treatments;

b) Maximise the retention of existing landscape resources particularly the mature and healthy trees and tree clusters and the watercourse;

c) Provide a quality and sustainable living environment for the future residents and the users of social welfare facilities;

d) The landscape design provides an overall sense of coherency whilst also responding to the various architectural components of the proposed residential development and surrounding context;

e) Provide edge planting along the site periphery to soften the development edge and provides screening effects;

f) Maximise opportunities for the planting of new trees and shrubs within the development to enhance the value of local landscape context;

g) Provide adequate open space for the future residents;

h) Provide compensation for the loss of existing trees; and

i) Maximise opportunities for the greenery within the development.

5.5.2 The open space provision within the proposed residential development would meet the requirement of local open space under the HKPSG (i.e. minimum 1 m^2 per person). Based on the territorial-wide average domestic household size of 2.6 in 2024, the estimated population of the residential development(s) is 5,169 and thus not less than 5,169m^2 of private open space will be provided within the Development Site. A spectrum of passive recreational facilities including the Evergreen Garden, Courtyard Gardens, Entrance Plaza and other recreational facilities will be provided within the proposed residential development.

5.5.3 Among the aforementioned private open space, not less than 1,000m² private open space will be provided on various level within and near the retail facilities and the public vehicle park for the enjoyment of public and residents (**Figure 5.6** refers). This private open space (open to public) will be managed and maintained by the commercial portion of the Development Site, with similar operating hours as the retail and PVP facilities.



LEGEND

- Development Site Boundary
- Retained Tree
  Area A Phase I: 45 nos.
  Area A Phase II: 0 nos.
  Area B: 15 nos.
- Transplanted Tree
  Area A Phase I: 4 nos.
  Area A Phase II: 0 nos.
  Area B: 6 nos.
- New Tree Planting
  Area A Phase I: 250 nos.
  Area A Phase II: 88 nos.
  Area B: 15 nos.
- Whip Planting
  Area A Phase I : 149 nos.
- Bench
- Trellis
- Watercourse
- +6.00 Proposed Level
- Shrub Planting
- Lawn
- Jogging Path/Tree Walk
- Decorative Paving
- Children's Play Area
- Fitness Area
- Pedestrian Entrance / Exit
- Vehicular Entrance/ Exit

1. Entrance Plaza creates an entrance threshold to PVP, retail shops and roof garden and its adjoining sitting out areas and to its neighbourhood.
2. Evergreen Garden comprises new trees and whip planting framing spaces for leisure lawn and sitting-out area which creates recreational spaces for the residents to appreciate the rural and waterside environ.
3. Courtyard Garden adjacent to residential block creates intimate relaxing spaces for the residents.
4. Building and carpark basement setback allows preservation of the watercourse and trees.
5. Riverside Garden comprises new trees planting framing spaces for leisure lawn, children's play area, fitness area and sitting-out area connecting by jogging trail which creates recreational spaces for the residents to appreciate the rural and waterside environ.
6. Transplant mature trees abuts to Fung Yuen Road that will continue their contribution to the streetscape amenity and creates instant greening effect
7. Decorative paving disguises functional appearance of the EVA
8. Tree/hedge planting along internal road/ EVA
9. Footpath connection to the neighbourhoods
10. Sitting-out area designed to appreciate existing trees and the watercourse.
11. Edge planting to soften development edge and creates screening effect.
12. Link Bridge for pedestrian access from inland to Fung Yuen Road

Development Site

Site Area Area A Phase I : 26,567m²
Private Open Space: Total not less than 4,467m²
(For estimated population of 4,467 people)
including not less than 1,000m² on various level within and near the retail facilities and the public vehicle park for the public and residents and not less than 3,467m² for the exclusive use of residents.

Site Area Area A Phase II : 5,287m²
Private Open Space for residents: Total not less than 702m²
(For estimated population of 702 people)

Site Area Area B: 3,347m²
Private Open Space for users: Total not less than 150m²
(For estimated population of 150 people)

0 10 20 50m

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Indicative Landscape Proposal - Sheet 1 of 3

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 5.5	REV	-

ADI LIMITED
LANDSCAPE ARCHITECTURE, URBAN DESIGN AND MASTER PLANNING
16/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG
TELEPHONE 2131 9000 FACSIMILE 2131 9009

5.5.4 Greening opportunity has also been maximised at the ground level. Not less than 9,556m^2 (i.e. not less than minimum 30% of the site area) of uncovered planting areas for tree/shrub/grass in communal area would be accommodated within the proposed residential development.

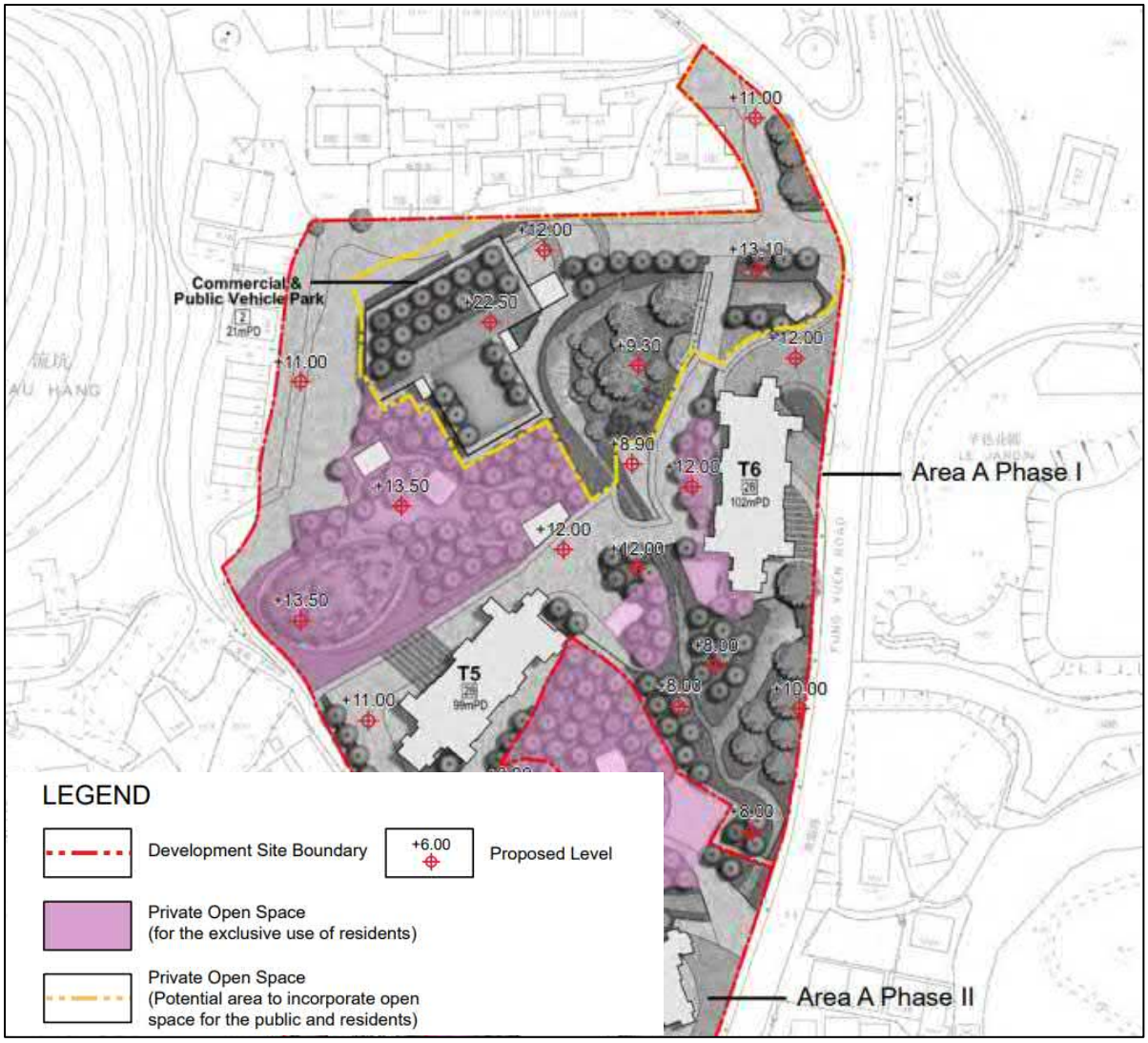


Figure 5.6 Proposed Private Open Space of Not Less than 1,000m^2 for the Enjoyment of Public and Residents

5.6 Access Arrangement and Internal Transport Facilities Provision

5.6.1 Vehicular access to Area (A) and Area (B) of the Development Site will be both from Fung Yuen Road. Internal transport facilities for the Proposed Development would be provided in accordance with the requirements as stipulated in the HKPSG or to the satisfaction to the Transport Department. The internal transport provision for the indicative proposal is presented in **Table 5.3**. In addition, 30 public vehicle parking spaces are proposed.

Table 5.3 Internal Transport Facilities Provision

Type of Facilities	HKPSG Required Provision	Proposed Provision
Residential Development(s)		
Private Car Parking Space	342 - 597	470
Visitor Car Parking	35	35
Motorcycle Parking Space	14 - 21	20
Loading/Unloading Bays for Heavy Goods Vehicle	7	7
Bicycle Parking Space	67	67
Retail Facilities		
Private Car Parking Space	3 - 6	6 [a]
Motorcycle Parking Space	1	1
Loading/Unloading Bays for Light Goods Vehicle	1	1
Public Vehicle Park		
Private Car Parking Space	-	30
Social Welfare Complex		
Private Car Parking Space	-	6 (including 1 nos. of accessible parking spaces)
Motorcycle Parking Space	-	1
Loading/Unloading Bays for Light Bus	-	1
Loading/Unloading Bays for Ambulance	-	1
Loading/Unloading Bays for Light Goods Vehicle	-	1

[a] These 6 car parking spaces and 1 motorcycle parking space will be made available for public night time parking outside the operation hours of the proposed retail facilities.

5.6.2 The Development Site is currently served by various public transport services. It is anticipated that most of the future residents of the proposed residential development will take public transport by using the existing bus/minibus stops along Fung Yuen Road and Ting Kok Road. A new bus layby with bus turn-around facility adjacent to Tower 6 as shown in **Figure 5.7** is proposed.

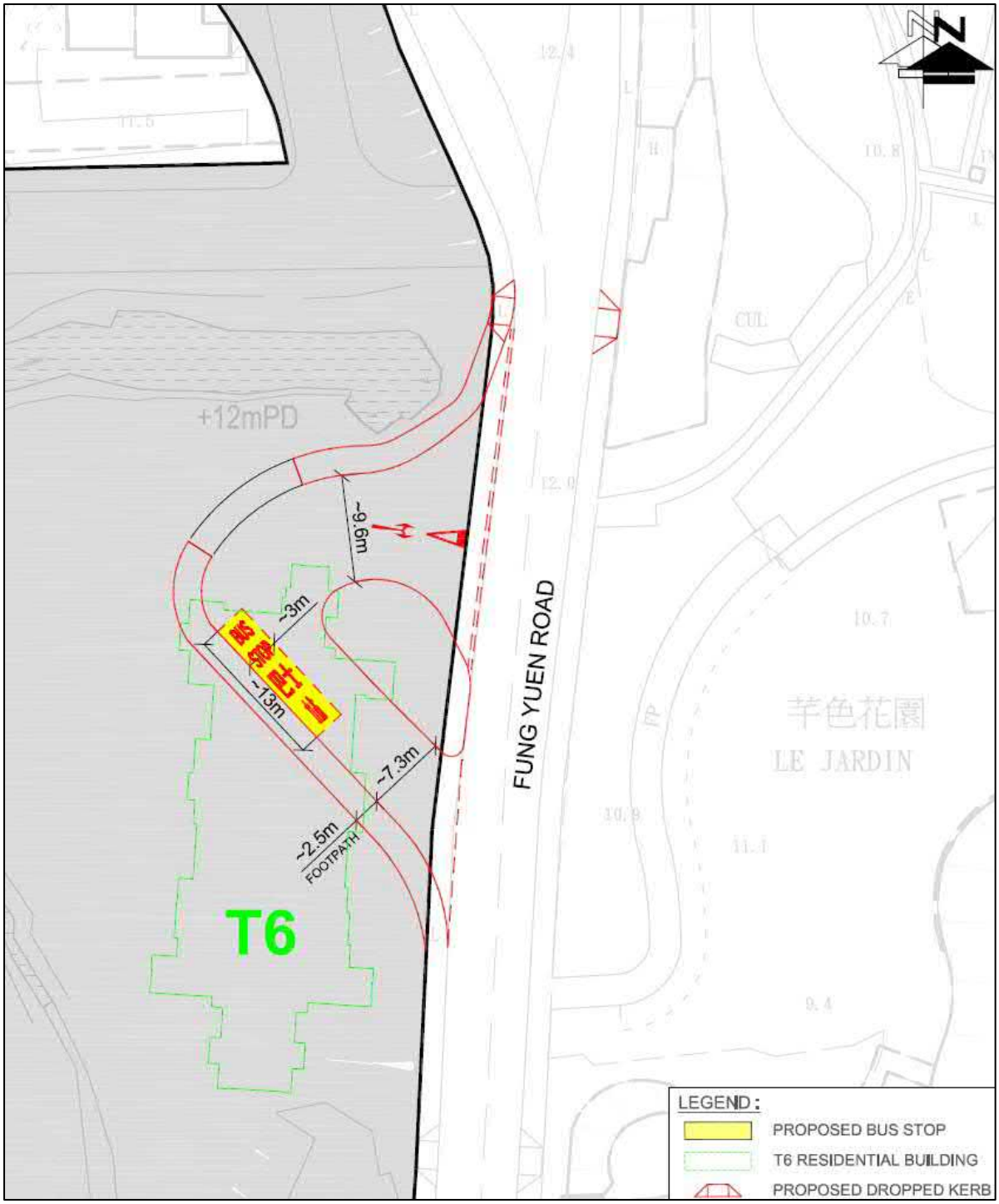


Figure 5.7 Proposed Bus Layby with Bus Turn-around Facility

5.7 Enhancement of the Agricultural Portion at the Eastern Portion

5.7.1 More than 9,600m^2 of the newly acquired lots at the Eastern Portion has been integrated and operated as part of the Agricultural Portion under TPTL 183 RP to form a more contiguous, comprehensive and functional agricultural land both in terms of function and area at the goodwill of the Applicant.

5.8 Implementation Programme

5.8.1 Subject to the approval of the s.12A application and land exchange with the Government, the proposed Phase I residential development with retail facilities and public vehicle park in Area (A) and the proposed social welfare complex in Area (B) are anticipated to be completed by 2029, while the proposed Phase II residential development is anticipated to be completed by 2030.

6 PROPOSED LAND USE ZONING

6.1 The Rezoning Proposal

6.1.1 To enable the proposed residential development(s) with supporting retail facilities and public vehicle park and an 8-storey social welfare complex in the western and southern portions of the Application Site; and to reflect the long established "as-built" condition in the northern and eastern portions of Application Site, the proposed amendments subject of this s.12A application (**Figure 6.1** refers) include:

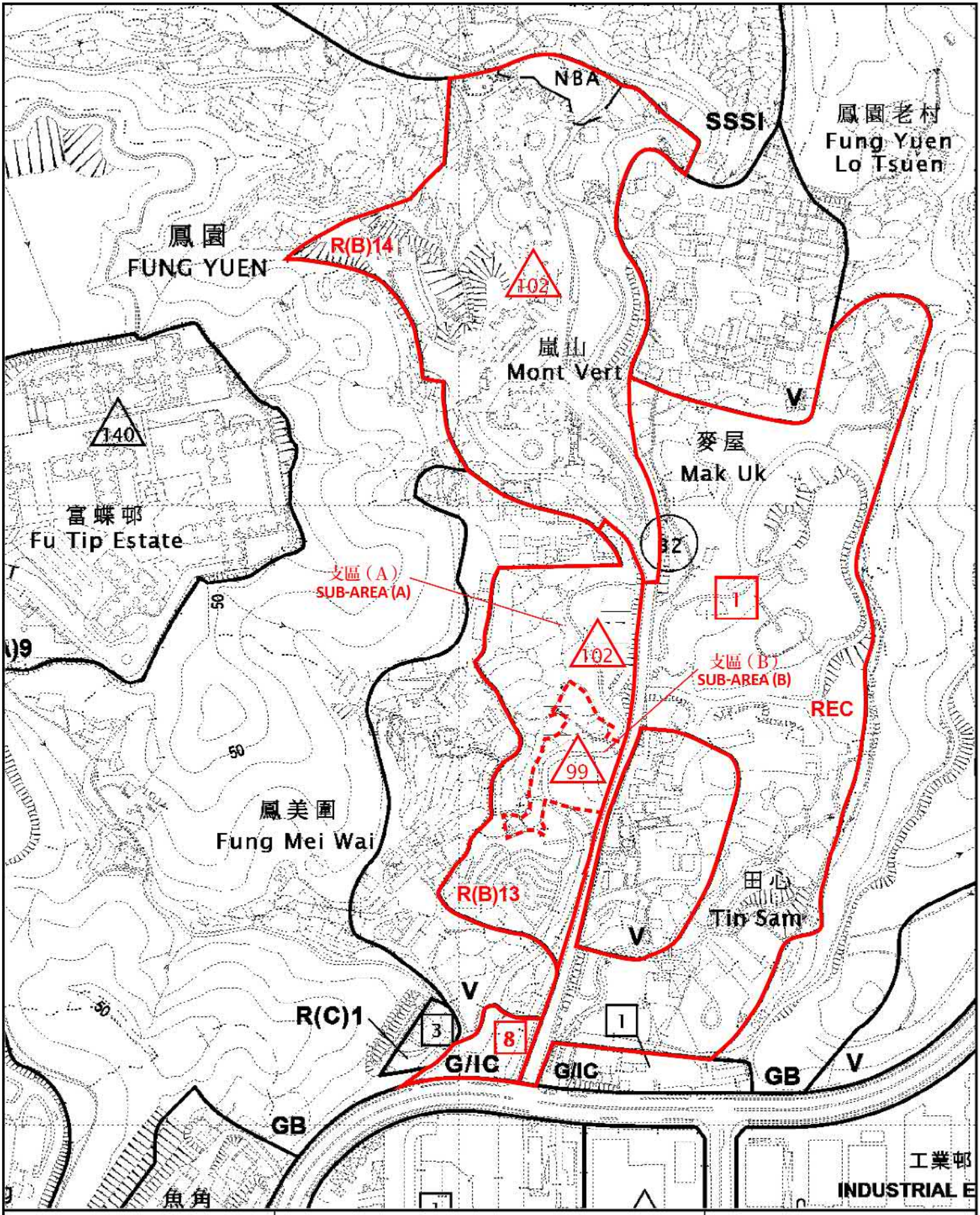
i) A rezoning of the site to the west of Fung Yuen Road falling within "CDA(1)" to "Residential (Group B)13" ("R(B)13") zone [Area (A)];

ii) A relaxation of the maximum building height restriction of the site falling within "Government, Institution or Community" ("G/IC") zone from 2 storeys to 8 storeys [Area (B)];

AND

iii) A rezoning of the site to the north of Fung Yuen Road within "CDA(1)" to "R(B)14" zone ; and

iv) A rezoning of the site to the east of Fung Yuen Road and Fung Yuen Road southern section within "CDA(1)" to "REC" zone.



KTA PLANNING LIMITED 規劃顧問有限公司

PROPOSED AMENDMENTS TO THE OZP

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE 1 : 4 000

FIGURE 6.1

MODIFIED PLAN BASED ON OUTLINE ZONING PLANS No. S/TP/31 EXHIBITED ON 28.3.2025

DATE: 25.9.2025

6.1.2 With reference to the public housing developments to the west of the Application Site, including Fu Tip Estate (with a PR of 6.15 and a maximum building height of about +143mPD) and Chung Nga Road West site (with a PR of 6.9 and a maximum building height of not more than +172mPD), it is considered appropriate to restrict the proposed "R(B)13" zone with a maximum building height restriction of +102mPD, a maximum domestic GFA of 91,390m^2 and a maximum non-domestic GFA of 800m^2 for the proposed Phase I development in sub-area (A), and a maximum building height restriction of +99mPD, a maximum domestic GFA of 18,187m^2 for the proposed Phase II development in sub-area (B). The proposed amendments to the Statutory Notes of the OZP are presented in **Figures 6.2a** to **6.2b.**

6.1.3 The provision of public vehicle park for 30 private car parking spaces as request by the Government is proposed to be exempted from GFA/PR calculation (**Figure 6.2b** refers).

For Illustration Only

S/TP/31

RESIDENTIAL (GROUP B) 13

Column 1 Uses always permitted	Column 2 Uses that may be permitted with or without conditions on application to the Town Planning Board
Flat Government Use (Police Reporting Centre, Post Office only) House Library Residential Institution School (in free-standing purpose-designed building only) Utility Installation for Private Project	Ambulance Depot Eating Place Educational Institution Government Refuse Collection Point Government Use (not elsewhere specified) Hospital Hotel Institutional Use (not elsewhere specified) Off-course Betting Centre Office Petrol Filling Station Place of Entertainment Place of Recreation, Sports or Culture Private Club Public Clinic Public Convenience Public Transport Terminus or Station Public Utility Installation Public Vehicle Park (excluding container vehicle) Recyclable Collection Centre Religious Institution School (not elsewhere specified) Shop and Services Social Welfare Facility Training Centre

In addition, the following uses are always permitted (a) on the lowest three floors of a building, taken to include basements; or (b) in the purpose-designed non-residential portion of a building, both excluding floors containing wholly or mainly car parking, loading /unloading bays and/or plant room:

Eating Place
Off-course Betting Centre
Office
Place of Entertainment
Public Vehicle Park
(excluding container vehicle)
School
Shop and Services

Planning Intention

This zone is intended primarily for medium-density residential developments. Commercial uses are always permitted on the lowest three floors of a building or in the purpose-designed non-residential portion of a building.

(Please see next page)

Figure 6.2a The Proposed Amendments to the Statutory Notes of "R(B)" Zone

For Illustration Only

S/TP/31

RESIDENTIAL (GROUP B) 13 (Cont'd)

Remarks

(a) On land designated "R(B)13", no new development, or addition, alteration and/or modification to or redevelopment of an existing building shall result in a total development and/or redevelopment in excess of a maximum domestic GFA of 91,390m^2, a maximum non-domestic GFA of 800m^2 and a maximum building height in terms of metres above Principal Datum as stipulated on the Plan for sub-area (A); and a maximum domestic GFA of 18,187m^2 and a maximum building height in terms of metres above Principal Datum as stipulated on the Plan for sub-area (B), or the GFA and height of the existing building, whichever greater.

(b) In determining the maximum GFA for the land designated "R(B)13", any floor space that is constructed or intended for use solely as car park, loading/unloading bay, plant room and caretaker's office, or caretaker's quarters and recreational facilities for the use and benefit of all the owners or occupiers of the domestic building or domestic part of the building, provided such uses and facilities are ancillary and directly related to the development or redevelopment, may be disregarded.

(c) In determining the maximum GFA for the land designated "R(B)13", any floor space that is constructed or intended solely for accommodating public vehicle park (excluding container vehicle) as required by the government may be disregarded.

(d) Based on the individual merits of a development or redevelopment proposal, minor relaxation of the GFA and/or building height restriction stated in paragraph (a) above may be considered by the Town Planning Board on application under section 16 of the Town Planning Ordinance.

Figure 6.2b The Proposed Amendments to the Statutory Notes of "R(B)" Zone

6.1.4 With reference to the development parameters of the existing private residential development Mont Vert at the northern portion of the Application Site, it is considered appropriate to restrict the proposed "R(B)14" zone with a maximum building height restriction of +102mPD, a maximum domestic GFA[3] of 87,356m^2 and a maximum non-domestic GFA of 376m^2 for 'Shop & Services' use[4]. The existing non-building area restriction as shown on the Plan will remain. The proposed amendments to the Statutory Notes to the OZP are presented in **Figures 6.2c** to **6.2d.**

[3] The maximum domestic GFA of 87,356m^2 is adopted from the approved GFA under the Application No. A/TP/333 and land lease of TPTL 183, which has been fully materialized as residential development Mont Vert.

[4] The maximum non-domestic GFA of 376m^2 is adopted from the GFA exempted for kindergarten provided in the residential development Mont Vert.

For Illustration Only

S/TP/31

RESIDENTIAL (GROUP B) 14

Column 1 Uses always permitted	Column 2 Uses that may be permitted with or without conditions on application to the Town Planning Board
Flat Government Use (Police Reporting Centre, Post Office only) House Library Residential Institution School (in free-standing purpose-designed building only) Utility Installation for Private Project	Ambulance Depot Eating Place Educational Institution Government Refuse Collection Point Government Use (not elsewhere specified) Hospital Hotel Institutional Use (not elsewhere specified) Off-course Betting Centre Office Petrol Filling Station Place of Entertainment Place of Recreation, Sports or Culture Private Club Public Clinic Public Convenience Public Transport Terminus or Station Public Utility Installation Public Vehicle Park (excluding container vehicle) Recyclable Collection Centre Religious Institution School (not elsewhere specified) Shop and Services Social Welfare Facility Training Centre

In addition, the following uses are always permitted (a) on the lowest three floors of a building, taken to include basements; or (b) in the purpose-designed non-residential portion of a building, both excluding floors containing wholly or mainly car parking, loading /unloading bays and/or plant room:

Eating Place
Off-course Betting Centre
Office
Place of Entertainment
School
Shop and Services

Planning Intention

This zone is intended primarily for medium-density residential developments. Commercial uses are always permitted on the lowest three floors of a building or in the purpose-designed non-residential portion of a building.

Figure 6.2c The Proposed Amendments to the Statutory Notes of "R(B)" Zone

For Illustration Only

S/TP/31

RESIDENTIAL (GROUP B) 14 (Cont'd)

Remarks

(a) On land designated "R(B)14", no new development, or addition, alteration and/or modification to or redevelopment of an existing building shall result in a total development and/or redevelopment in excess of a maximum domestic GFA of 87,356m^2, a maximum non-domestic GFA of 376m^2 and a maximum building height in terms of metres above Principal Datum as stipulated on the Plan, or the GFA and height of the existing building, whichever is the greater.

(b) In determining the maximum GFA for the land designated "R(B)14", any floor space that is constructed or intended for use solely as car park, loading/unloading bay, plant room and caretaker's office, or caretaker's quarters and recreational facilities for the use and benefit of all the owners or occupiers of the domestic building or domestic part of the building, provided such uses and facilities are ancillary and directly related to the development or redevelopment, may be disregarded.

(c) Based on the individual merits of a development or redevelopment proposal, minor relaxation of the GFA and/or building height restriction stated in paragraph (a) above may be considered by the Town Planning Board on application under section 16 of the Town Planning Ordinance.

(d) Under exceptional circumstances, for developments and/or redevelopments, minor relaxation of the non-building area restrictions as shown on the Plan may be considered by the Town Planning Board on application under section 16 of the Town Planning Ordinance.

Figure 6.2d The Proposed Amendments to the Statutory Notes of "R(B)" Zone

6.1.5 With reference to the as-built condition of the existing Agricultural Portion under TPTL 183 at the eastern portion of the Application Site, it is considered appropriate to restrict the proposed "REC" zone with a maximum building height of 1 storey and maximum non-domestic GFA[5] of 600m^2. The proposed amendments to the Statutory Notes of the OZP are presented in **Figures 6.3a** to **6.3b.**

[5] The maximum non-domestic GFA of 600m^2 is adopted based on the non-domestic GFA built under the approved General Building Plans for the Agricultural Portion of TPTL 183.

For Illustration Only

S/TP/31

RECREATION

Column 1 Uses always permitted	Column 2 Uses that may be permitted with or without conditions on application to the Town Planning Board
Agricultural Use (not elsewhere specified) Aviary Barbecue Spot Field Study/Education/Visitor Centre Government Use (Police Reporting Centre only) House (rebuilding of New Territories Exempted House ore replacement of existing domestic building by New Territories Exempted House only) Holiday Camp On-Farm Domestic Structure Picnic Area Place of Recreation, Sports or Culture Public Convenience Rural Committee/Village Office Tent Camping Ground	Agricultural Use (Intensive Livestock Rearing only) Animal Boarding Establishment Boat Repairing Yard Broadcasting, Television and/or Film Studio Eating Place Flat Golf Course Government Refuse Collection Point Government Use (not elsewhere specified) Hotel House (not elsewhere specified) Marina Pier Place of Entertainment Private Club Public Utility Installation Public Vehicle Park (excluding container vehicle) Religious Institution Residential Institution Shop and Services Social Welfare Facility Theme Park Utility Installation for Private Project Zoo

Planning Intention

This zone is intended primarily for recreational developments for the use of the general public. It encourages the development of active and/or passive recreation and tourism/eco-tourism. Uses in support of the recreational developments may be permitted subject to planning permission.

Figure 6.3a The Proposed Amendments to the Statutory Notes of "REC" Zone

For Illustration Only

S/TP/31

RECREATION (Cont'd)

Remarks

(a) No new development, or addition, alteration and/or modification to or redevelopment of an existing building shall result in a total development and/or redevelopment in excess of a maximum GFA of 600m^2 and a maximum building height in terms of number of storeys as stipulated on the Plan, or the GFA and height of the existing building, whichever is the greater.

(b) In determining the maximum GFA for the purposes of paragraph (a) above, any floor space that is constructed or intended for use solely as car park, loading/unloading bay, plant room and caretaker's office, provided such uses and facilities are ancillary and directly related to the development or redevelopment, may be disregarded.

(c) In determining the maximum number of storeys for the purposes of paragraphs (a) above, any basement floor(s) may be disregarded.

(d) Based on the individual merits of a development or redevelopment proposal, minor relaxation of the GFA and/or building height restrictions stated in paragraph (a) above may be considered by the Town Planning Board on application under section 16 of the Town Planning Ordinance.

Figure 6.3b The Proposed Amendments to the Statutory Notes of "REC" Zone

6.2 Feasible Implementation Mechanism of the Proposed Key Design Features

6.2.1 With reference to the Explanatory Statement of "R(B)11" and "R(B)12" zones of the OZP, the following requirements, if necessary, could be incorporated into the Explanatory Statement of "R(B)13" zone and relevant land grant document(s) with the purpose of ensuring the key design features discussed in **Section 5.4** can be materialised:

- Provision of public vehicle park with 30 private car parking spaces[6];
- Provision of retail facilities with a maximum non-domestic GFA of not more than 800m^2;
- Provision of open space of not less than 1,000m^2 for the enjoyment of public and residents;
- Provision of bus layby with bus turn-around facility; and
- Provision of social welfare facilities in Area (B).

[6] Provision of parking spaces in the public vehicle park may be adjusted subject to the request from the Transport Department at land exchange stage.

7 PLANNING MERITS AND JUSTIFICATIONS

7.1 Remote Prospect for Implementing the Subsequent Phase as Originally Planned for under the Approved Scheme of "CDA(1)" Zone

7.1.1 Back in 1980, the Fung Yuen Site (comprising the Application Site) was once infested with car repair workshops, open storage and illegal petrol filling stations. In 1982, the area was zoned "Other Specified Uses" annotated "Comprehensive Redevelopment Area" ("OU(CRA)") for the intention of harnessing resources of the private sector to get rid of these "black spots". Pursuant to the then "OU(CRA)" zoning, the Applicant commenced assembling the private lots and committed tremendous time and resources in clearing the environmentally undesirable uses within the area since 1987. In 1999, the Fung Yuen Site was rezoned to "CDA(1)" for comprehensive development/redevelopment in the area.

7.1.2 After spending more than **13** years in assembling the land and clearing the black spots within the "CDA(1)" zone by the Applicant, planning approval for the MLP of the entire "CDA(1)" zone was first granted to the Applicant in 2000 (Planning Application No. A/TP/256). Sequent approvals to amend the approved scheme was granted during the period between 2000 and 2004 (Planning Applications No. A/TP/267, 318, 319 and 333). Afterwards, the Phase 1 of Development Portion, containing the Mont Vert, and the Agricultural Portion were successfully accomplished and executed in accordance with the planning approval of Application No. A/TP/333, whilst the Subsequent Phase of the Development Portion was aimed to reserve for future implementation by the Applicant upon the unification of title of the remaining private lots within the "CDA(1)" zone.

7.1.3 For the implementation of Subsequent Phase of the "CDA(1)" zone as planned for in the planning approval, the Applicant has made continuous efforts and determination in land acquisition as far as possible. After spending another **25** years since the 1st planning approval, for assembling the remaining piecemeal private lots scattered within the "CDA(1)" zone, it becomes apparent that the possibility for the Applicant to unify the title of the remaining private lots within the "CDA(1)" zone to implement the Subsequent Phase is extremely remote due to absentee ownership, Tso Tong and land title problems, etc.

7.1.4 This application which proposes to rezone a portion of the "CDA(1)" zone for more beneficial uses in meeting urgent housing demand while preserving the originally planned development potential reserved for the future realisation by the private lot owners in the remaining "CDA(1)" zone will facilitate timely development of the area for optimal uses without jeopardising the development potential of the unacquired lots within the remaining CDA(1) zone.

7.2 In Line with Government's Policy to Untap the Development Potential of Agricultural Land or Underutilised Land to Sustain the Government's Effort in Land Production.

7.2.1 The need to increase housing land supply to meet the strong demand on residential flats is widely recognised. It has been publicised that the top priority of the Government is to tackle the housing problem; and this can be seen from many of the prevailing policies and revisions to OZPs at various locations to boost housing supply. The Government acts proactively to increase housing land supply by conducting land use reviews and other measures. Government initiatives on housing supply are discussed in **Section 4.1**.

7.2.2 This Rezoning Proposal based on the land consolidated on the south-western portion of the "CDA(1)" zone (which is located closest to the developed areas in the vicinity and is immediately ready for development) and the other landholdings that were assembled outside the "CDA(1)" zone in the south are therefore put forward for reviewing the development potential. Since the implementation of Mont Vert residential development and the Agricultural Portion back in 2004, the Applicant has continually assembled and acquired more agricultural land both within and in the vicinity of the "CDA(1)" zone, some of which have been integrated with the Agricultural Portion of TPTL No. 183 and operated and managed as part of the Agricultural Portion by the Applicant. The Proposed Development would be in line with 2018 Policy Address and Task Force on Land Supply's recommendations to unleash the development potential of private agricultural land for providing residential development with essential community uses and social welfare facilities expeditiously.

7.2.3 This Rezoning Proposal is exactly on the same path as the Government's proposal to make the maximal use of the scarce land resources available and avoid under-utilisation of the Application Site. Furthermore, the Proposed Development which is readily available for development will help hasten housing supply in a much shorter time frame by 2030.

7.3 Provision of Social Welfare Facilities to Meet the Outstanding Demand of RCHE

7.3.1 The Applicant has examined its available private land located in the vicinity of Area (A). A proposed Social Welfare Complex will be provided in Area (B).

7.3.2 The provision of RCHE and DCU in the proposed Social Welfare Complex is in proactive response to meeting the outstanding demand of RCHE and serving the needs of the ageing population in Hong Kong. The Applicant will take up the construction of the proposed social welfare complex and set up a private or self-financing RCHE to alleviate the surging demand for RCHE, thereby serving the needs of the ageing population in Hong Kong.

7.4 Provision of Supporting Retail Facilities, Public Vehicle Park and Open Space for Surrounding Residents to Form a Neighbourhood Activity Node

7.4.1 There are generally lack of shops and services serving the local community in Fung Yuen. Whilst there are few small-scale local shops in the vicinity, the choices for local residents for daily necessities are still very limited. Considering the daily necessities and needs of surrounding residents, the Applicant has taken the opportunity to provide floor space for 'Shop and Services' use in northern part of Area (A). In addition, at the request of Transport Department, a public vehicle park will be provided. A landscaped open space on top of/adjoining to the retail facilities will be provided for the enjoyment of public and surrounding residents. These facilities forming a neighbourhood activity node would benefit the whole Fung Yuen community.

7.5 Appropriate Land Use Zoning have been Proposed for Different Portions of the "CDA(1)" Zone to Reflect the Long Established "As-built" Conditions

7.5.1 The Mont Vert residential development at the northern portion of the "CDA(1)" zone and the Agricultural Portion under TPTL 183 at the eastern portion of the "CDA(1)" zone has been completed for more than 10 years. Opportunity has been grasped to rezone these remaining portions of "CDA(1)" zones to appropriate zonings to reflect their existing "as-built" conditions. As such, the land falling within these portions could have greater flexibility to utilise their land and avoid planning blight while clear planning intention and development restrictions still apply.

7.6 The Development Site is Suitable to be Rezoned for Residential Use

7.6.1 In recent years, the development extent of Tai Po New Town has been expanded towards its north-eastern fringe where the Application Site is located. Two of the recent examples are the Fu Tip Estate with PR of 6.15 and the planned public housing development at Chung Nga Road West with PR of 6.9 which are located only at approximately 172m and 750m respectively to the west of the Application Site (**Figures 3.2** and **3.3** refer). Given the history of the "CDA(1)" zone as stated in **Section 2.1**, together with Mont Vert residential development (completed in December 2015), the Development Site is a logical and appropriate location for the Proposed Development which would be compatible with the surrounding areas.

7.7 The Development Intensity is Considered Appropriate and Compatible with the Neighbourhood and the Planning of Tai Po New Town

7.7.1 The surrounding context of the Development Site and its compatibility with the existing development in the area, especially the high-rise residential developments to the north and west of the Application Site, have all been taken into careful consideration when devising the development parameters and the overall building layout of the proposed residential development. The proposed residential towers with building height ranging from about +85mPD to +102mPD are compatible with the maximum building height of Mont Vert (about +102mPD). Besides, the Proposed

Development will have a lower building height than the Fu Tip Estate (about +143mPD) and the planned public housing development at Chung Nga Road West (not more than +172mPD) (**Figures 5.2** refers). The proposed building height are considered appropriate and optimised without compromising the existing sub-urban setting.

7.7.2 A stepped building height profile descending from the Proposed Development to Tai Po Industrial Estate and further to the waterfront promenade will be created to help preserve the views towards the ridgeline of Cloudy Hill. It is in line with the planned building height profile for Tai Po New Town as promulgated in the OZP (Paragraph 5.4.7 refers).

7.7.3 As demonstrated in the appraisal and photomontages in the Visual Impact Assessment ("VIA") in **Appendix 2**, the visual impact associated with the Proposed Development are considered acceptable, and will be fully compatible and largely blend in well with the existing high-rise developments.

7.8 The Proposed Development is Carefully and Comprehensively Designed

7.8.1 Compared with the development proposal submitted under previous s.12A Application No. Y/TP/38, the current development proposal includes all land to the west of Fung Yuen Road within the "CDA(1)" zone. By utilising the Agricultural Portion and Government land within the Western and Southern Portion, the Proposed Development is carefully and comprehensively designed as a single, integrated and coordinated development with self-sustained and supporting facilities to achieve an optimal layout and building disposition.

7.9 The Indicative Development Proposal is Technically Feasible

Ecological

7.9.1 According to the assessment of the potential ecological impacts (**Appendix 3** refers) associated with the proposed residential development during construction and operational phases, impacts on species of conservation importance will be insignificant. The Fung Yuen Stream and its riparian zone will not be disturbed. As *Mucuna championii* will be retained *in situ* and the recorded fauna species are highly mobile, direct impacts on the habitats and flora and fauna species of conservation importance are anticipated to be low even without mitigation measures. Similar habitats can also be found in the close vicinity of the Development Site.

7.9.2 Indirect impacts on Fung Yuen Stream, the surrounding habitats and associated wildlife owing to construction runoff, waste and human activities are assessed. With the implementation of the proposed mitigation measures such as proper control of construction runoff and good construction practices, potential disturbance to the existing habitats will be minimised. No unacceptable residual ecological impacts on the local area due to the Proposed Development are anticipated.

Noise

7.9.3 A Noise Impact Assessment has been conducted for the Proposed Development (**Appendix 4** refers). According to both daytime and night-time noise measurements, it is confirmed that noise impact from Tai Po Industrial Estate on the Proposed Development would be negligible. Noise from fixed noise sources in the vicinity of the Proposed Development is inaudible.

7.9.4 The dominant noise source is attributable to the road traffic noise from the nearby road network, namely Ting Kok Road and Fung Yuen Road. The predicted maximum road traffic noise level of the residential units and RCHE cum DCU facilities will exceed the stipulated 70dB(A) noise criterion. Nonetheless, with the provision of acoustic window (baffle type), all residential units and RCHE cum DCU would comply with the 70dB(A) criterion. The Proposed Development will not be subject to adverse noise impact from surrounding roads and industrial noise sources.

Land Contamination

7.9.5 Potential land contamination impacts associated with the Proposed Development have been reviewed (**Appendix 5** refers). Based on the observation from the site inspections and the review of historical aerial photographs, the Application Site was mainly farmland, vegetated and/or abandoned. No activity and equipment resulting in potential land contamination were observed at the Development Site. In addition, the information from Environmental Protection Department indicated that there was no chemical waste producer, chemical spillage and leakage records in the Application Site. Therefore, potential contamination is not anticipated in the Development Site.

Waste Management

7.9.6 With the implementation of recommended measures such as on-site sorting, reusing construction and demolition materials proposed in the Waste Management Assessment (**Appendix 6** refers), no adverse waste management implication is anticipated during construction stage. During the operational phase, municipal solid waste would be generated. With the proper treatment and disposal of the waste, no adverse waste management impact is anticipated.

Air Quality

7.9.7 As revealed in the Air Quality Impact Assessment in **Appendix 7**, the chimney emissions and the vehicular emissions are identified as the two major air pollution sources in the neighbourhood. The concentration and dispersion of Nitrogen Dioxide ("NO_2"), Respirable Suspended Particulates ("RSP"), Fine Suspended Particulates ("FSP") and Sulphur Dioxide ("SO_2") are the major pollutants which have been predicted by computer models. It is concluded that the cumulative concentration of all air pollutants is within the stipulated Hong Kong Air Quality Objectives ("HKAQO")

limits. The Proposed Development would not be affected by chimney emissions and vehicular emissions. In addition, no emission of fluff and odour impact is anticipated.

Air Ventilation

7.9.8 An Air Ventilation Assessment - Expert Evaluation has been conducted for the Proposed Development at the Development Site (**Appendix 8** refers). The Proposed Development may inevitably result in wind blockage impact under particular wind directions and the wind availability would be slightly affected; nevertheless, the optimal building disposition and provision of building separations would enhance the air ventilation performance at the pedestrian level and minimise potential air ventilation impacts. It is concluded that the Proposed Development would unlikely impose unacceptable impact on the surrounding areas from air ventilation perspective.

Traffic

7.9.9 Since the proposed residential development is tentatively scheduled for completion in 2029 and 2030, a TIA for the design year 2033 has been carried out to assess the possible traffic impacts onto the local road network (**Appendix 9** refers). It was estimated that the Proposed Development would generate and attracted trips of 161 and 132 pcu/hr in the AM peak and 136 and 128 pcu/hr in the PM peak. With the proposed traffic improvement schemes, all surveyed key junctions operating under both 2033 reference and design scenarios would continue to have ample capacity to accommodate the future traffic growth and the additional traffic generated by the Proposed Development. Internal transport facilities would be provided in accordance with the requirements as stipulated in the latest HKPSG. The Proposed Development is considered acceptable in the traffic aspect and would not induce adverse traffic impact to the surrounding road network.

Drainage

7.9.10 The drainage impact to the existing drainage system due to the Proposed Development has been assessed with hydraulic model (**Appendix 10** refers) under 1 in 10 years, 1 in 50 years and 1 in 200 years flood events. For the Proposed Development at Area (A) Phase I, the runoff generated will be discharged to the new box culvert via connecting pipes; while for developments at Area (A) Phase II and Area (B), it will be discharged to existing stream course. With the provision of the proposed drainage mitigation measures, the drainage condition at upstream and mid-stream of the stream course will be greatly improved. It is concluded that there will be no significant adverse drainage impact arising from the proposed development.

Sewerage

7.9.11 The Sewerage Impact Assessment (**Appendix 11**) indicated that the sewage generated from the proposed social welfare complex will be discharged to the public sewerage system with no adverse impact, whereas the existing public sewerage system has insufficient capacity for the proposed residential development. An on-site sewage treatment plant is therefore proposed to treat the sewage arising from the proposed residential development. The sewage effluents will be sanitised to fulfil all relevant statutory standards before discharge to the existing drainage system. No adverse sewerage impact is anticipated as a result of the Proposed Development.

Water Supply

7.9.12 According to the results of the Water Supply Impact Assessment (**Appendix 12** refers), there will be increased fresh water and salt water demands as a result of the Proposed Development. However, it is anticipated that the existing main supply systems will have adequate spare capacity to cater for the expected increases. It is concluded that the proposed development can be implemented without resulting in any insurmountable water supply impact.

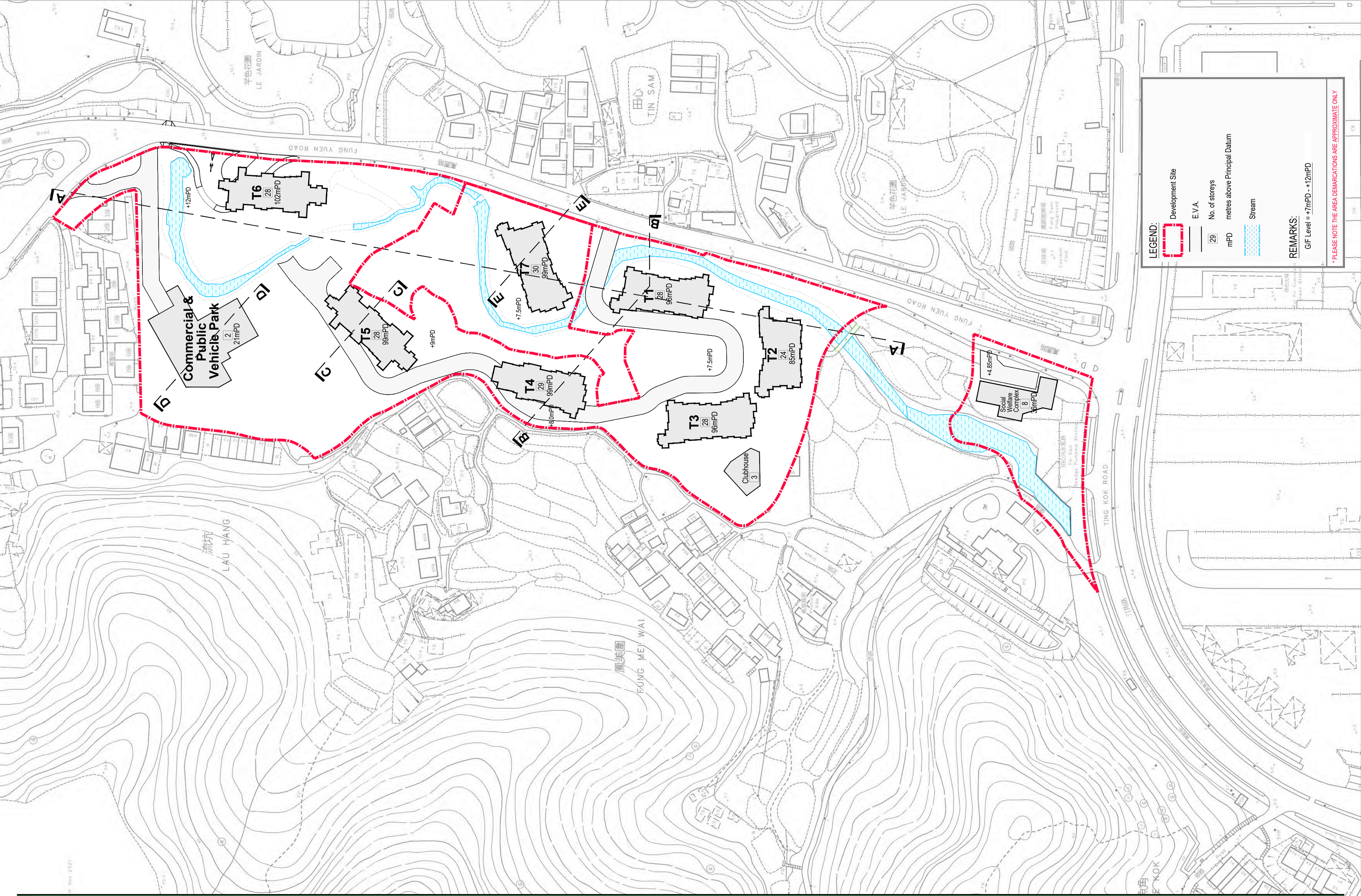
8 CONCLUSION

8.1.1 In light of the above, it is evident that the proposed amendments to the Draft OZP No. S/TP/31 should be favourably considered from the land use planning and technical points of view. In short, the proposed amendment to the OZP is justified based on the following:

- Remote prospect for further acquisition of all the remaining private lots in the "CDA(1)" zone to implement the Subsequent Phase development as planned for under the approved Application No. A/TP/333 after almost 38 years since land assembly took place in 1987;
- The Rezoning Proposal is in line with Government's policy on reviewing and untapping the development potential of agricultural land or underutilised land to sustain the Government's efforts in land production;
- The Applicant is committed to surrender its private land in the "G/IC" zone for the provision of social welfare facilities to support the Government's policies and help meet the outstanding demand of RCHE;
- The proposed retail facilities, public vehicle park and open space for the use and enjoyment of public and residents will form a Neighbourhood Activity Node benefitting the whole Fung Yuen community;
- Appropriate land use zonings have been proposed to other portions of the "CDA(1)" zone to reflect the long-established "as-built" conditions;
- The Development Site is suitable for development as it is compatible to the surrounding land use;
- The intensity of the Proposed Development is considered appropriate and compatible with the neighbourhood and the planning of Tai Po New Town;
- The Proposed Development is comprehensively and carefully designed as a single, integrated and coordinated development scheme with self-sustained and supporting facilities; and
- With the support of various technical assessments conducted and attached to this Supporting Planning Statement, it has been proven that the indicative development proposal will not bring insurmountable/unacceptable traffic, visual, ecological, landscape, environmental, air ventilation, drainage, sewerage and water supply impacts.

Appendix 1

Architectural Drawings of the Proposed Development



REZONING APPLICATION
AT FUNG YUEN ROAD,
TAI PO, N.T.

Indicative Layout Plan

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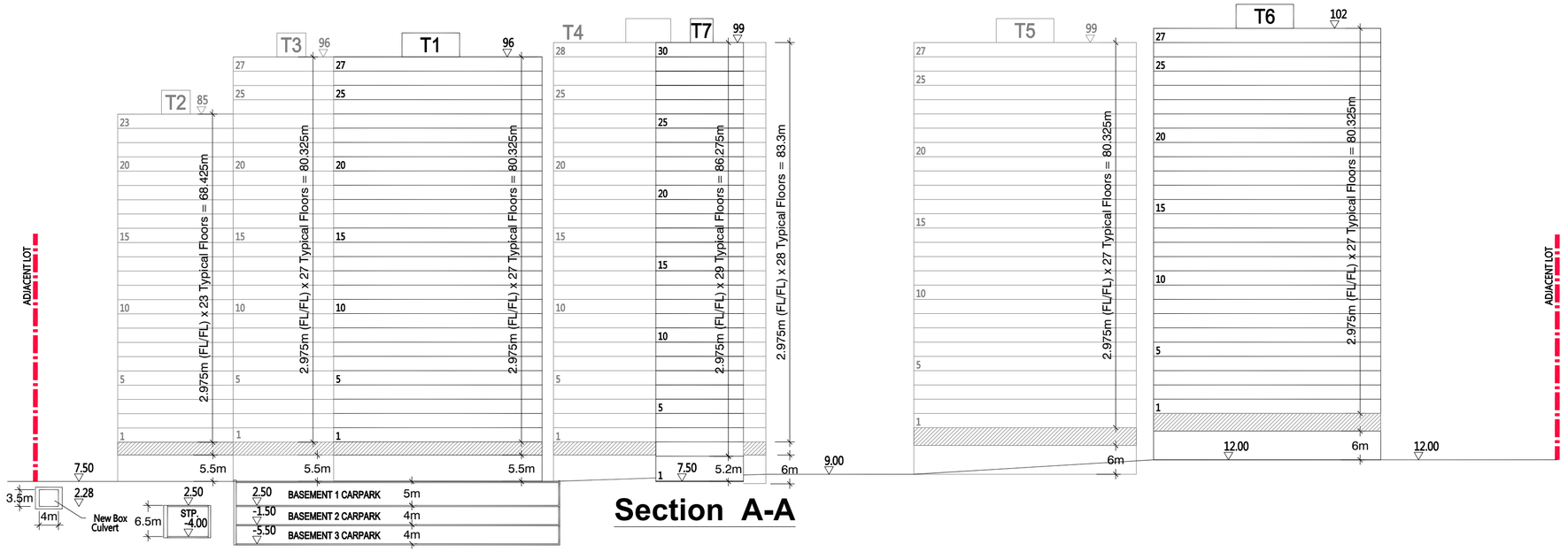

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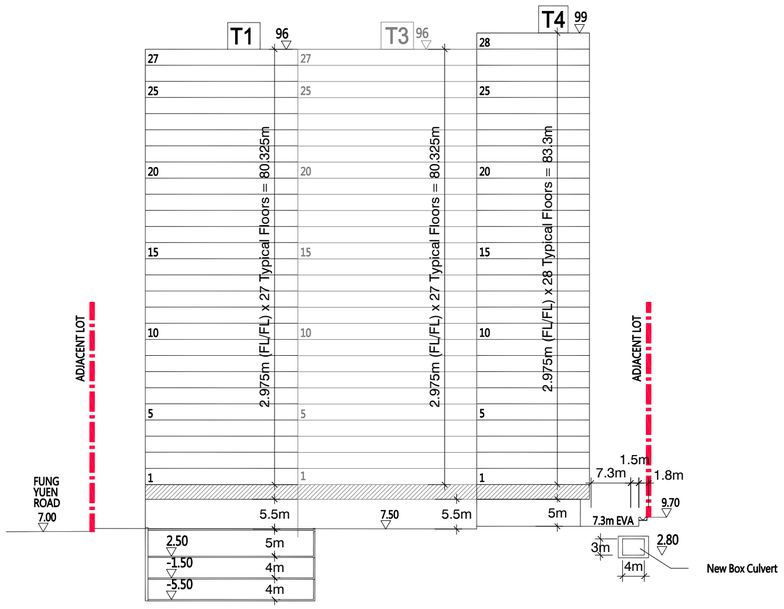

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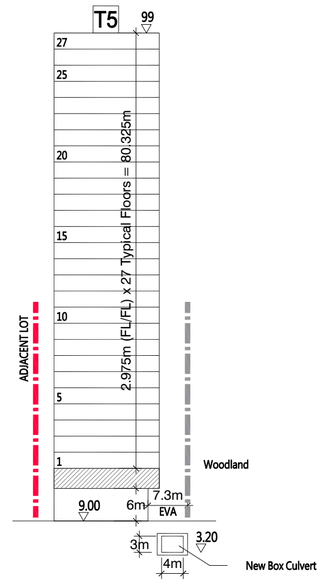

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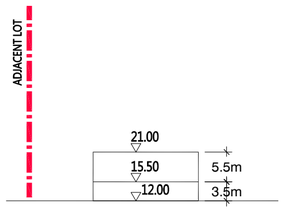

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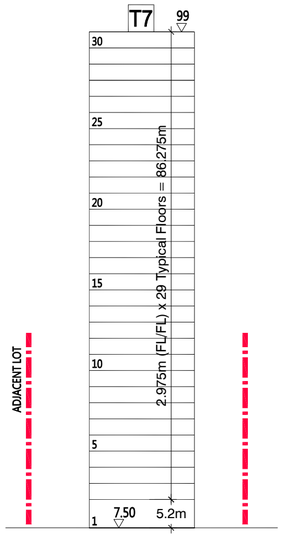

Section E-E

REZONING APPLICATION
AT FUNG YUEN ROAD,
TAI PO, N.T.

Diagrammatic Section Plan

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Appendix 6

Waste Management Assessment

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Waste Management Assessment

Prepared for:
Fantastic State Limited

Prepared by:
Westwood Hong & Associates Limited

Report No.:
22608-W1 Rev A

Date:
26 September 2025

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1. INTRODUCTION

1.1 Westwood Hong & Associates Ltd (WHA) was commissioned to conduct a Waste Management Assessment on the proposed residential development(s) with retail, public vehicle park and social welfare facilities (the "proposed Development") at various lots in DD11 and adjoining government land, Fung Yuen, Tai Po. This report is prepared to support the S.12A Application.

1.2 This S.12A application is to seek the Town Planning Board's approval for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") for the proposed Development at various lots in D.D. 11 and adjoining Government Land in Fung Yuen, Tai Po, New Territories ("the Development Site"). The Development Site consists of two areas: Area (A) and Area (B).

1.3 The proposed Development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B).

1.4 The Applicant submitted an s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and a relaxation of the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

1.5 Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely formed by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

1.6 This report identifies the key waste management issues arising during construction and operation phase of the proposed Development. The major wastes would be construction and demolition (C&D) materials generated from excavation works. For wastes arising during operation phase of the proposed Development would be mainly municipal wastes. Mitigation measures and good site practice, including waste handling, storage and disposal, are recommended with reference to the applicable legislation and guidelines.

2. STATUTORY LEGISLATION

2.1 Waste collection and disposal are covered by the Waste Disposal Ordinance (Cap. 354) (WDO). Under the WDO, wastes can only be disposed of at designated waste disposal facilities licensed by EPD. The WDO also stipulates the requirements for issuing licenses for the collection and transportation of wastes. The contractor would be responsible for the disposal of waste.

2.2 The following legislation relates to the handling, treatment and disposal of wastes in the Hong Kong SAR and has been used in assessing potential environmental impacts:

- Waste Disposal Ordinance (Cap. 354)
- Waste Disposal (Chemical Waste) (General) Regulation (Cap. 354C)
- Land (Miscellaneous Provisions) Ordinance (Cap. 28)
- Public Health and Municipal Services Ordinance (Cap. 132) – Public Cleansing and Prevention of Nuisances Regulation

2.3 Table 2.1 summarises other documents and guidelines related to waste management and disposal that will be followed by the proposed Development:-

Table 2.1 Other Relevant Documents and Guidelines to be Followed

Bureau / Department	Documents / Guidelines / Technical Circulars
EPD	• Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes (2023) • A Guide to the Registration of Chemical Waste Producers (2023) • A Guide to the Chemical Waste Control Scheme (2023)
EPD / CEDD	• New Disposal Arrangements for Construction Waste (1992)
PlanD	• Hong Kong Planning Standards and Guidelines (2024)
Buildings Department	• ADV-19, Practice Note for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers – Construction and Demolition Waste
Development Bureau	• DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials (2010)

3. ASSESSMENT METHODOLOGY

3.1 The assessment methodology for reviewing the waste management implications during construction and operation phases include:-

- Identification / estimation of the types and quantities of waste arising from Project;
- Addressing impacts caused by handling (including stockpiling, labelling, packaging, and storage), collection, transportation and reuse/disposal of wastes in detail and propose appropriate mitigation measures;
- Adoption of waste management hierarchy with priorities towards waste reduction, on-site or off-site reuse, and recycling;
- Estimation of the types and quantities of wastes required to be disposed of and their disposal method; and
- Assessment of the impacts on the capacity of waste collection, transfer, and disposal facilities.

4. POTENTIAL IMPACTS AND MITIGATION MEASURES DURING CONSTRUCTION PHASE

Quantity of Waste

4.1 The construction works of the proposed Development mainly include site excavation for the 3-storey basement carpark underneath T1 and T3, site foundation works and superstructure construction.

4.2 Construction & Demolition (C&D) materials generated from the construction of the proposed Development which comprise inert and non-inert C&D materials. The inert portion, such as soil, rock, concrete etc, namely inert C&D materials, could be reused on-site as filling materials or off-site as public fill at public fill reception facilities. The non-inert portion, such as timber formwork, paper, vegetation, etc, namely non-inert C&D materials will be reused or recycled as far as possible prior to disposal at landfill, and landfill disposal will be considered as the last resort for waste handling.

4.3 The estimated quantity of C&D materials for site excavation, foundation works and superstructure construction are provided in Table 4.1.

Table 4.1 Estimated Quantity of Waste to be Generated

Development Stage	Waste Type	Total Amount Generated (m^3)	Total Amount Reused On-site (m^3)	Total Amount Disposed / Delivered to Public Fill Reception Facility (m^3)	Recommended Outlets
Site Excavation [1]	Inert C&D Material	128,372	19,256	109,116	- To be reused on-site for site formation [6] - Except those inert C&D waste to be reused on-site, others are expected to be delivered to the public fill reception facility.
	Non-Inert C&D Materials	9,662	290	9,372	- To be reused on-site for site formation. Remaining to be disposed to NENT Landfill [5] - Timber/woody materials to be sent to Y-Park before disposal to NENT Landfill
Site Foundation Work	Inert C&D Material [2]	3,057	459	2,598	- To be reused on-site for site formation [6] - Except those inert C&D waste to be reused on-site, others are expected to be delivered to the public fill reception facility.
	Non-Inert C&D Materials	230	161	69	- To be reused on-site for site formation. Remaining to be disposed to NENT Landfill [5] - Timber/woody materials to be sent to Y-Park before disposal to NENT Landfill
Superstructure Construction [3]	Inert C&D Material [2]	7,134	1070	6064	- To be reused on-site for site formation [6] - Except those inert C&D waste to be reused on-site, others are expected to be delivered to the public fill reception facility.
	Non-Inert C&D Materials	537	376	161	- To be reused on-site for site formation. Remaining to be disposed to NENT Landfill [5] - Timber/woody materials to be sent to Y-Park before disposal to NENT Landfill

Development Stage	Waste Type	Total Amount Generated (m^3)	Total Amount Reused Off-site (m^3)	Total Amount Disposed (m^3)	Recommended Outlets
General Refuse from Workforce	110 tons [4]		5 tons	105 tons	To be disposed to NENT Landfill. And the reused part to be collected by recycler.
Chemical Waste	-	A few hundred kilograms / litres per month		A few hundred kilograms / litres per month	To be collected by a licensed chemical waste collector and disposed of at a licensed chemical waste treatment and disposal facility.

Note:

[1] Total site area is 31,854m^2, approximately 1/3 of development area will have basement area (including 3 storeys basement carpark together with a sewage treatment plant) which required excavation, and will generate excavated soil (inert C&D materials). Excavated sediment is not anticipated.

[2] According to the Hong Kong Polytechnic (March 1993) Reduction of Construction Waste Final Report, waste generation rate is 0.1m^3 per 1m^2 of GFA constructed. The GFA of the proposed Development is 109,577m^2 (91,390m^2 + 18,187m^2), there would be 10,958m^3 total C&D materials generated.

[3] Wood from formworks and packaging is included in superstructure construction.

[4] It is assumed that the generation rate of general refuse is 0.65kg per worker per day. With approximately 130 workers and 1,300 construction days, there would be total 109,850kg general refuse generated throughout the construction period.

[5] The recyclables will be sorted out separately for proper recycling before disposal to the landfill

[6] The current ground levels of the project site are in the range of 6 – 10mPD, while the future development ground will be in the range of 6 – 12mPD. Approximately 1/3 of the development area will have 2m site formation that required filling materials (the northern part of the site).

Construction & Demolition Waste

4.4 The reuse and recycling of C&D materials on-site will be maximized. Stockpiling areas of inert C&D materials on-site will be provided for subsequent backfilling and reuse on site. For topsoil, they would be reused for site formation and roadworks. For vegetation, felled trees, twigs and branches, which are classified as yard waste, will be sent to Y-Park for recycling prior to disposal at the designated landfill site. The C&D materials to be reused on site would stockpile by enclosing and covering, particularly during inclement weather.

4.5 It is presently anticipated that some of the C&D materials will need to be transported off-site for re-use, recycling and disposal by trucks. With the implementation of the dust and noise control / mitigation measures, such as covering and stockpiling materials to avoid dust and other nuisance impacts from truck movements, these secondary environmental factors are not expected to be a concern.

4.6 Measures have been introduced in ADV-19 to enhance the management of C&D materials and to minimize its generation at source. The enhancement measures include the identification of opportunities to prevent waste during both the project planning and design stage as well as construction stage, and preparing of a Waste Management Plan (WMP) to ensure that measures are implemented during the construction stage for reduction of C&D materials. The WMP will be submitted to the Project Engineer / Architect / Authorized Persons for approval according to ADV-19.

4.7 A trip-ticket system according to the ADV-19 will be implemented during the construction phase to monitor the disposal of C&D materials and solid wastes at the public fill reception facilities and landfills and to control fly-tipping. The real-time tracking and monitoring devices will be equipped on the dump trucks for monitoring the transportation of C&D materials.

4.8 The Contractor will adopt good housekeeping practices such as waste segregation prior to disposal. Stockpiling and segregating areas will be provided at the site. Waste storage areas will be well maintained and cleaned regularly.

4.9 Whenever there are excess recyclable construction materials, including bricks, plastics and metals, re-use and recycling will be carried out for waste minimisation. Other recyclable inert C&D materials such as concrete, asphalt, etc. will be sorted and treated as necessary for on-site usage. Non-inert C&D materials will be sorted and delivered to or collected by registered recycle collectors for proper recycling of the waste. Specifically, non-inert C&D materials such as timber and woody materials, which would be significantly generated during site clearance since the project site is predominantly rural in character, will be sent to the Yard Waste Recycling Centre in Y-Park for recycling prior to disposal at the designated landfill site. C&D materials will be stored on-site before re-use or disposal where possible. Available site area to allow on-site sorting and storage areas will be provided at locations away from public areas.

4.10 It is presently anticipated that some of the C&D materials will need to be transported off-site for re-use, recycling and disposal by trucks. With the implementation of the dust and noise control / mitigation measures, such as proper handling and packaging of wastes according to good practices and guidelines for different types of waste, covering and stockpiling materials to avoid dust and other nuisance impacts from truck movements, these secondary environmental factors are not expected to be a concern.

4.11 The storage, handling, transport and disposal of all C&D materials, if not managed properly, would have the potential to create visual, dust and water quality impacts. With proper implementation of good construction site practice and mitigation measures recommended in above sections, potential dust, noise and water quality impacts associated with on-site handling and transportation of all C&D materials are not anticipated.

Chemical Waste

4.12 Chemical waste from maintenance and servicing of construction equipment / plant may be generated. If chemical waste is produced, the Contractor would be required to register with the EPD as a Chemical Waste Producer, and to follow the guidelines stated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.

4.13 Appropriate containers with proper labels should be used for storage of chemical wastes. Chemical wastes should be collected and delivered to designated outlet by a licensed collector. Chemical wastes (e.g. spent lubricant oil) should be recycled at an appropriate facility as far as possible, while the chemical wastes that cannot be recycled should be disposed of at either the Chemical Waste Treatment Centre (CWTC) at Tsing Yi, or another licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.

4.14 Any unused chemicals or those with remaining functional capacity should be collected for reuse as far as possible.

General Refuse

4.15 General refuse such as food scraps, wastepaper, empty containers, etc. would be generated from the workforce during construction phase. Such refuse will be properly managed so intentional or accidental release to the surrounding environment does not occur. Effective collection of site wastes would be required to prevent waste materials from being blown around by wind, flushed or leached into nearby waters, or creating an odour nuisance or pest and vermin problem. Specifically for food waste, which is the main source of generating unpleasant odour and causing environmental hygiene concern, it would be classified as recyclables and separated from other waste, in order to facilitate the recycling of food waste on-site and off-site. Waste storage areas will be well maintained and cleaned regularly. Table 4.1 shows the estimated quantity of general refuse from workforce to be generated during the construction phase. Recycling will be conducted for the general refuse prior to landfill disposal.

4.16 General refuse will be stored in enclosed bins or compaction units separate from C&D materials. A reputable waste collector will be employed by the Contractor to remove general refuse from the Site, separately from C&D materials. Preferably an enclosed and covered area will be provided to reduce the occurrence of "windblown" light materials.

4.17 With the implementation of the recommended waste management practices at the site, no adverse environmental impact arising from the storage, handling and transportation of refuse is anticipated.

5. POTENTIAL IMPACTS AND MITIGATION MEASURES DURING OPERATION PHASE

5.1 The proposed Development consists of 7 residential towers and a social welfare complex block. The major type of wastes generated from the operation phase is general refuse. General refuse will be removed on regular basis to minimize odour, pest and litter impacts. Recycling would be proposed prior to landfill disposal. To promote recycling of wastepaper, aluminum cans and plastic bottles, the recycling bins (such as those available from EPD) will be clearly labelled and placed at convenient locations. The recyclable materials will then be collected by reliable waste recycling agents on a regular basis. Waste generated will be disposed to public landfill, either West New Territories Landfill or North East New Territories Landfill.

5.2 Based on the Monitoring of Solid Waste in Hong Kong – Waste Statistics for 2023, the municipal solid waste generated per capita per day was 1.44 kg/person/day. The proposed Development consists of 7 residential blocks with building height ranged from 24 to 30 storeys, with a total of 1,988 residential units. The estimated overall population intake in the proposed Development will be around 5,169 persons, which is derived by assuming 2.6 persons per flat as per the average household size in the latest Population Census published by the Census and Statistics Department. Including the employment population with approximately 100 persons, the estimated quantities of municipal solid waste anticipated during the operation phase will be 7,587 kg/day. According to the Plate 3.2 of Waste Statistics for 2023, the recovery rate of municipal solid waste is 33%. It is therefore estimated that 33% of municipal solid waste (i.e. 2,504 kg/day) could be reused and recycled. Clinical waste and chemical waste would be anticipated from the proposed social welfare facilities, these wastes would be collected by a licensed collector.

5.3 The waste management hierarchy is a concept which shows the desirability of various waste management methods and shall be adopted by the building management to manage domestic waste in a sustainable manner in line with government policy. In order of preference, the following shall be adopted:-

- Avoidance
- Minimisation
- Recycling/ reuse

5.4 The majority of waste generated during the operation of the proposed Development will be domestic waste, comprising general refuse, food waste, food packaging, paper, cans, plastic bottles, etc. These shall be collected and stored in recycle bins and appropriate waste receptacles with a secure lid to minimise the potential adverse impact due to wind blowing away garbage and to improve hygiene.

5.5 Recyclable and non-recyclable waste will be regularly collected by waste collectors and taken off-site for recycling or disposal, respectively.

6. CONCLUSION

6.1 With the implementation of control measures in Sections 4 and 5, adverse waste management implication is not anticipated during construction and operation phases.

Appendix 12

Water Supply Impact Assessment

MOTT MACDONALD

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Water Supply Impact Assessment (Revision A1)

Sep 2025

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Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Water Supply Impact Assessment (Revision A1)

Sep 2025

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Harbour Road, Wanchai, Hong Kong.

Issue and Revision Record

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1 Introduction

1.1 Background

1.1.1 Mott MacDonald Hong Kong Limited (hereinafter as "MMHK) was commissioned by the Applicant to prepare a Water Supply Impact Assessment (WSIA) for supporting the proposed development at Fung Yuen, Tai Po (the Development). The location of the proposed Development is shown in **Appendix A**.

1.1.2 This S.12A application is to seek the Town Planning Board's approval for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") for the proposed development at various lots and adjoining Government land at Fung Yuen, Tai Po, New Territories ("the Development Site").

1.1.3 The proposed development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B).

1.1.4 The Applicant submitted an s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and amending the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

1.1.5 Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The Proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely formed by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

1.1.6 This report forms part of the application document and will demonstrate that the proposed Development is feasible in terms of its impact on the water supply system.

1.2 Key Development Parameters

1.2.1 The Development will include the residential development with supporting retail and public vehicle park facilities in Area (A) Phase I; residential development in Area (A) Phase II; and a Social Welfare Complex (SWC) with150-place Residential Care Home

for the Elderly ("RCHE") and a 30-place Day Care Unit ("DCU") for the Elderly in Area (B).

1.2.2 The layout of the Development is provided in **Appendix B** and the development data is given in **Table 1.1** below:-

Table 1.1: Data of the Development

Items	Details
Development Site Area - Area (A) Phase I - Area (A) Phase II - Area (B)	 About 26,567 m^2 About 5,287 m^2 About 3,347 m^2
Development Theme	Residential development with Retail, Public Vehicle Park and Social Welfare Complex
No. of Residential Unit	1,988 units
Total GFA for Area (A)	110,377 m^2
Total Plot Ratio for Area (A)	About 3.47
Social Welfare Complex	150-p residential care cum 30-p day care unit for the elderly
GFA for Social Welfare Complex	4,782 m^2

1.3 Objectives of Report

1.3.1 This WSIA Report aims to identify the existing and planned water supply systems within and near the Development and to investigate the physical constraints to the Development due to the existing and planned water supply networks. This includes both fresh water and salt water systems where are available.

1.4 Structure of Report

1.4.1 This WSIA Report contains the following sections in addition to this introduction (Section 1):-

Section 2 – Methodology and Design Parameters for Water Supply Impact Assessment

Covering the approach of the WSIA and the parameters for water consumption prediction. The estimation of future demand due to the Development will be illustrated based on the parameters.

Section 3 –Estimation of Water Demand of the Development

Identifying and estimating the water demand arising from the Development in respect to published guidelines.

Section 4 – Proposed Water Supply Arrangement

Discussing the potential water supply system for the Development and assessing the impact on the existing water supply system.

Section 5 – Conclusion

Summarising the findings and concluding the water supply impact arising from the Development.

2 Methodology and Design Parameters for Water Supply Impact Assessment

2.1 General Approach

2.1.1 The WSIA is carried out to identify and assess if there are any potential adverse impacts on water supply system arising from the Development.

2.2 Methodology

Assessment Approach

2.2.1 The following approach and methodology have been adopted in this water supply impact assessment:-

- Estimating the water demand of the Development;
- Identifying the existing and planned water supply systems within the Study Area;
- Examining the impact on the water supply systems arising from the Development; and
- Identifying improvement and upgrading works if necessary.

2.2.2 The unit demands used in estimating the fresh water and flushing water consumption for the Development are presented in **Table 2.1**. The unit demands for residential development and service trade are based on unit water demand in Water Supplies Department Departmental Instruction (WSD DI) 1309. The unit demands for residents of the proposed Social Welfare Complex, staffs for retail (J4) and Social Welfare Complex (J11) are based on EPD Guidelines for Estimating Sewage Flows for Sewage Infrastructure Planning (GESF).

Table 2.1: Unit demand for the Development

Development Type	Unit	Fresh Water Demand	Flushing Water Demand
Residential Use (R2) [(i)]	$m^3/h/d$	0.30	0.07
Residential Use for Social Welfare Complex [(iii) & (iv)]	$m^3/h/d$	0.24	0.07
Service Trade (Residential)	$m^3/h/d$	0.05	-
Staff for the Commerce (Retail) (Type J4) [(ii) & (iv)]	$m^3/h/d$	0.35	0.07
Staff for Social Welfare Complex (Type J11) [(ii) & (iv)]	$m^3/h/d$	0.35	0.07

Remarks:-

i. The proposed residential development is type R2 residential development. The unit water demand has been making reference to the domestic unit flow factor for Residential R2 – All areas under Table 1 of WSD's DI 1309.

ii. The water demand for Staffs of Social Welfare Complex (Type J11 – Community, Social & Personal Services) and Staff of the Commerce in the residential development (Type J4 Wholesale & Retail) are estimated based on the assumptions below:-

   a. The unit water demand has been making reference to the Table T-2 of EPD's Technical Paper (Report No, EPD/TP1/05) - Guidelines for Estimating Sewage Flows for Sewage Infrastructure Planning (GESF); and

   b. According to Sewerage Manual – Key Planning Issues and Gravity Collection System, the sewage flow values for commercial categories are based on 80% of

Development Type	Unit	Fresh Water Demand	Flushing Water Demand
the mean daily water demand from WSD which is equivalent to a factor of 1.25. Therefore, the fresh water demand adopted for service trade refer to the data from EPD's Technical Paper should be factored by 1.25. iii. The water demand for residents of Social Welfare Complex is estimated based on the assumptions below:- a. The unit water demand has been making reference to the domestic unit flow factor for Institutional and Special Class under Table T-1 of EPD's Technical Paper (Report No, EPD/TP1/05) - Guidelines for Estimating Sewage Flows for Sewage Infrastructure Planning (GESF); and b. According to Sewerage Manual – Key Planning Issues and Gravity Collection System (1995), the sewage flow values for commercial categories are based on 80% of the mean daily water demand from WSD which is equivalent to a factor of 1.25. Therefore, the fresh water demand adopted for residential of Social Welfare Complex refer to the data from EPD's Technical Paper should be factored by 1.25. iv. Assume the flushing water demand for staff (Type J4 & J11) and residents of Social Welfare Complex is similar to that of the residential development, 70 l/h/d.			

2.3 Design Parameters

Peaking Factor

2.3.1 In accordance with the WSD DI 1309, the minimum capacity of the distribution system should be sufficient for the following peak demands.

- Fresh Water Supply – 3 times mean daily demand
- Salt Water (Flushing Water) Supply – 2 times mean daily demand

Peaking Flow Velocity

2.3.2 According to Section 1.2.1 of WSD's Manual of Main laying Practice (2012 Edition), the maximum flow velocity under peak flow for both pumping mains and distribution mains should be less than 3m/s.

2.3.3 Minimum velocity of 1m/s under peak flow is also desirable to avoid water stagnant.

2.3.4 Design flow velocity is preferably to be ranged between 1m/s to 3m/s under peak flow.

Residual Head

2.3.5 According to WSD DI 1309 and Handbook on Plumbing Installation for Buildings, the following minimum residual heads shall be maintained.

1. Fresh (Portable Water) Supply – 20 m
2. Salt Water (Flushing Water) Supply – 15 m

2.4 Planned Population and Employee Data of the Development

2.4.1 The design population of the Development is shown in **Table 2.2** below. The layout plan of the residential development (i.e. Area (A) Phases I and Area (A) Phase II) and the Social Welfare Complex (i.e. Area (B)) could be referred to **Appendix B**.

Table 2.2: Population data of the Development

Type	Unit	Household Size	Population (nos.)
Area (A) Phase I			
Residential Use (R2)	1,718	2.6	4,467[(i)]
Residential (Service Trade)	-	-	4,467
Staff for Commerce (Retail) (Type J4)	-	-	28[(ii)]
		Sub-Total =	**4,495**
Area (A) Phase II			
Residential Use (R2)	270	2.6	702[(i)]
Residential (Service Trade)	-	-	702
		Sub-Total =	**702**
Area B			
Residential Use (R2)	-	-	150
Staff for Social Welfare Complex (Type J11)	-	-	110[(iii)]
		Sub-Total =	**260**
		Total =	***5,457***

Remark:-

i. According to latest statistics from Census and Statistics Department, the territorial-wide average domestic household size is 2.6 in 2024. Thus, the population for the residential development in Area (A) Phase I and Area (A) Phase II are 1,718 x 2.6 = 4,467 and 270 x 2.6 = 702 respectively.

ii. According to Commercial and Industrial Floor Space Utilization Survey (CIFSUS) published by PlanD, the worker density of Retail Trade business is 3.5 worker/ 100 m². Thus, the no. of staff in commercial area for the proposed development is 800 x 3.5 /100 = 28.

iii. According to Commercial and Industrial Floor Space Utilization Survey (CIFSUS) published by PlanD, the worker density of Community, Social & Personal Services business is 2.3 worker/ 100 m². Thus, the no. of staff in commercial area for the proposed development is 4,782 x 2.3 /100 = 110.

2.5 Existing Water Supply System

2.5.1 Portal water and flushing water of the Development as well as the surrounding area are served by nearby Ha Hang Fresh Water Service Reservoir which has a capacity of 18,746 m^3 and Ha Hang Salt Water Service Reservoir which has a capacity of 3,200 m^3.

2.5.2 Series of distribution mains ranging from DN600 to DN 200 and DN 450 to DN150 convey the fresh and salt water supply to the area respectively.

2.5.3 Along Fung Yuen Road near the site area of the Development, fresh water main of 300 mm diameter and salt water main of 150 mm diameter are laid at the eastern part of the site. Existing water supply system is shown in **Appendix C**.

3 Estimation of Water Demand of the Development

3.1 Estimated Water Demand from the Development

3.1.1 Based on the unit water demand listed in **Table 2.1** and the estimated population presented in **Table 2.2**, the mean daily fresh water and flushing water demands for the residential development in Area (A) are approximately 1,638 m^3/day and 315 m^3/day for Area (A) Phase I, and 259 m^3/day and 50 m^3/day for Area (A) Phase II respectively. For the Social Welfare Complex, the mean daily fresh water and flushing water demands are estimated to be about 75 m^3/day and 19 m^3/day. The details of the water demand estimation are shown in **Table 3.1** and **Table 3.2**.

Table 3.1: Water demand estimation for the residential development

Development Type	Population (nos.)	Unit	Fresh Water Demand	Flushing Water Demand	Total Mean Fresh Water Demand (m^3/d)	Total Mean Flushing Water Demand (m^3/d)
Area (A) Phase I						
Residential Use (R2)	4,467	m^3/h/d	0.30	0.07	1,340.10	312.69
Service Trade (Residential)	4,467	m^3/h/d	0.05	-	223.35	-
Staff for Commerce (Service Trade – Type J4)	28	m^3/h/d	0.35	0.07	9.80	1.96
Landscaping	-	-	-	-	63.76	-
				Sub-Total =	1,637.01 (say 1,638)	314.65 (say 315)
Area (A) Phase II						
Residential Use (R2)	702	m^3/h/d	0.30	0.07	210.60	49.14
Service Trade (Residential)	702	m^3/h/d	0.05	-	35.10	-
Landscaping	-	-	-	-	12.69	-
				Sub-Total =	258.39 (say 259)	49.14 (say 50)
				Total =	1895.4	363.79

Remark:-

i. Water demand for irrigation normally ranges from 6 to 10L/m^2/day, as such an average irrigation water demand of 8L/m^2/day is adopted. The landscape area of the Development in Area (A) Phases I and Area (A) II is assumed to be 30% of the site area, i.e 26,567 m^2 x 30% = 7,970.1 m^2 and 5,287 m^2 x 30% = 1,586m^2 respectively.

Table 3.2: Water demand estimation for the Social Welfare Complex

Development Type	Population (nos.)	Unit	Fresh Water Demand	Flushing Water Demand	Total Mean Fresh Water Demand (m^3/d)	Total Mean Flushing Water Demand (m^3/d)
Area (B)						
Residential Use (R2)	150	$m^3/h/d$	0.24	0.07	36.00	10.50
Staff for Residential Development (Service Trade – Type J11)	110	$m^3/h/d$	0.35	0.07	38.50	7.70
				Total =	74.50 (say 75)	18.20 (say 19)

4 Proposed Water Supply Arrangement

4.1 Water Demand and Water Supply System

4.1.1 As discussed in **Section 3**, the estimated fresh water and flushing water demands for the residential development in Area (A) are approximately 1,638 m^3/day and 315 m^3/day for Phase I, and 259 m^3/day and 50 m^3/day for Phase II. For supplying fresh water to the residential development under this planning application, it is proposed to branch off a DN200 fresh water main for Area (A) Phase I and a DN100 fresh water main for Area (A) Phase II from the existing DN300 fresh water main at Fung Yuen Road. For the flushing water, a DN100 flushing water main for Area (A) Phase I and a DN80 flushing water main for Area (A) Phase II are proposed to branch off from the existing DN150 salt water main respectively at Fung Yuen Road.

4.1.2 For the Social Welfare Complex in Area (B), the estimated fresh water and flushing water demands are about 75 m^3/day and 19 m^3/day respectively. It is proposed to branch off a DN80 fresh water main and a DN80 flushing water main from the existing DN300 fresh water main and DN150 salt water main at Fung Yuen Road.

4.1.3 The proposed connection points for Area (A) Phase I, Area (A) Phase II and Area (B) from the existing watermains are enclosed in **Appendix D**.

4.2 Water Impact Assessment

Checking of Residual Pressures for Existing Fresh Water Supply Main

4.2.1 The top level and invert level of Ha Hang Fresh Water Reservoir is 82.075 mPD and 76.200 mPD respectively. It is assumed in the design that the water level at the service reservoir is at 50% of the full depth. Thus, the water level of Ha Hang Fresh Water Reservoir is assumed as 79.138 mPD.

4.2.2 For assessing the impact to the existing DN600-DN200 fresh watermains, a few control points (namely Control Points A to F as shown in **Appendix D**), have been established for comparing the residual pressures of the fresh watermain with and without the proposed Development. Based on the hydraulic calculation results shown in **Table 4.1**, the residual head under existing condition at the Control Points range from 65.20 m to 34.26 m. With the additional demand from the Development, the residual head remain well within the requirement of 20 m according to Handbook on Plumbing Installation for Buildings as the residual head under Proposed Condition range from 63.11 m to 28.52 m. The residual head at the connection point of the residential developments in Area (A) Phase I, Area (A) Phase II and the Social Welfare Complex in Area (B) are 56.25, 52.32 m and 59.45 m respectively. Thus, it is considered that there is no insurmountable impact arising from the Development to the existing fresh water supply system.

4.2.3 The hydraulic calculation of residual head for the existing fresh watermain from Ha Hang Fresh Water Reservoir along the assessed water supply system at Fung Yuen Road can be referred to **Appendix E**.

Table 4.1: Summary of residual head of fresh water along the existing distribution main under existing and proposed Conditions

Control Point	Approx. Existing Ground Level (mPD)	Residual Head of the Existing Water Distribution Main under Existing Condition (m)	Residual Head of the Existing Water Distribution Main under Proposed Condition (m)
Control Point A	4.76	65.20	63.11
Control Point B	4.57	64.18	61.49
Control Point C #	4.49	63.49	59.45
Control Point C1 *	5.43	61.71	56.25
Control Point C2 ^	7.57	58.06	52.32
Control Point D	14.38	46.70	40.96
Control Point E	16.65	42.11	36.37
Control Point F	20.67	34.26	28.52

Remark:

(i) # The control point for the proposed fresh water supply connection point to the Social Welfare Complex

(ii) * The control point for the proposed fresh water supply connection point to the residential development of Area (A) Phase I

(iii) ^ The control point for the proposed fresh water supply connection point to the residential development of Area (A) Phase II

Checking of Residual Pressures for Existing Salt Water for Flushing Water Supply System

4.2.4 The top level and invert level of Ha Hang Salt Water Reservoir is 85.000 mPD and 80.300 mPD respectively. It is assumed in the design that the water level at the service reservoir is at 50% of the full depth. Thus, the water level of Ha Hang Salt Water Reservoir is assumed as 82.650 mPD.

4.2.5 Similar to fresh water supply system, for assessing the impact to the existing DN450-DN150 salt watermain, a few control points (namely Control Point 1 to 4 as shown in **Appendix D**) have been established for comparing the residual pressures of the fresh watermain with and without the Development. Based on the hydraulic calculation results summarised in **Table 4.2**, the residual head under existing condition at the Control Points range from 72.81 m to 36.22 m. With the additional demand from the Development, the residual head remain well within the requirement of 15 m according to Handbook on Plumbing Installation for Buildings as the residual head under Proposed Condition range from 72.26 m to 31.20 m. The residual head at the connection point of the residential development in Area (A) Phase I, Area (A) Phase II and the Social Welfare Complex are 56.18, 48.57 m and 61.80 m respectively. Thus, it is considered that there is no insurmountable impact arising from the Development to the existing salt water supply system.

4.2.6 The hydraulic calculation of residual head for the existing fresh watermain from Ha Hang Salt Water Reservoir along the assessed water supply system at Fung Yuen Road can be referred to **Appendix E**.

Table 4.2: Summary of residual head of salt water along the existing distribution main under existing and proposed conditions

Control Point	Approx. Existing Ground Level (mPD)	Residual Head of the Existing Water Distribution Main under Existing Condition (m)	Residual Head of the Existing Water Distribution Main under Proposed Condition (m)
Control Point 1	4.35	72.81	72.26
Control Point 2	4.58	66.12	65.41
Control Point 2.1 #	4.59	64.16	61.80
Control Point 3 *	5.39	60.69	56.18
Control Point 3.1 ^	7.22	53.59	48.57
Control Point 4	13.41	36.22	31.20

Remark:

(i) # The control point for the proposed water supply connection point to the Social Welfare Complex

(ii) * The control point for the proposed water supply connection point to the residential development of Area (A) Phase I

(iii) ^ The control point for the proposed water supply connection point to the residential development of Area (A) Phase II

5 Conclusion

5.1.1 Based on the unit water demand and the estimated population, the mean daily fresh water and flushing water demand for the residential development in Area (A) are approximately 1,638 m^3/day and 315 m^3/day for Phase I, and 259 m^3/day and 50 m^3/day for Phase II. For supplying fresh water to the residential development under this planning application, it is proposed to branch off a DN200 fresh water main for Area (A) Phase I and a DN100 fresh water main for Area (A) Phase II from the existing DN300 fresh water main at Fung Yuen Road. For the flushing water, a DN100 flushing water main for Area (A) Phase I and a DN80 flushing water main for Area (A) Phase II are proposed to branch off from the existing DN150 salt water main respectively at Fung Yuen Road.

5.1.2 For the proposed Social Welfare Complex, the mean daily fresh water and flushing water demand is estimated to be about 75 m^3/day and 19 m^3/day respectively. It is proposed to branch off a DN80 fresh water main and a DN80 flushing water main from the existing DN300 fresh water main and DN150 salt water main at Fung Yuen Road.

5.1.3 Based on the hydraulic calculation, residual heads of proposed condition at the connection point of the Development are estimated. For the residential development of Area (A) Phases I and Area (A) Phases II, the residual heads are 56.25 m and 52.32 m for fresh water supply respectively and 56.18 m and 48.57 for salt water supply respectively. For the Social Welfare Complex, the residual heads are 59.45 m for fresh water supply and 61.80 m for flushing water supply respectively. In addition, the furthest fresh water Control Point F and salt water Control Point 4 are 28.52 m and 31.20 m which are well within residual head requirement of 20 m and 15 m for water supply system.

5.1.4 Based on the assessment findings, it is considered that there is no insurmountable impact from the additional water demand from the Development on the existing water supply system.

6 Appendices

Appendix A Location Plan

Appendix B Layout Plan

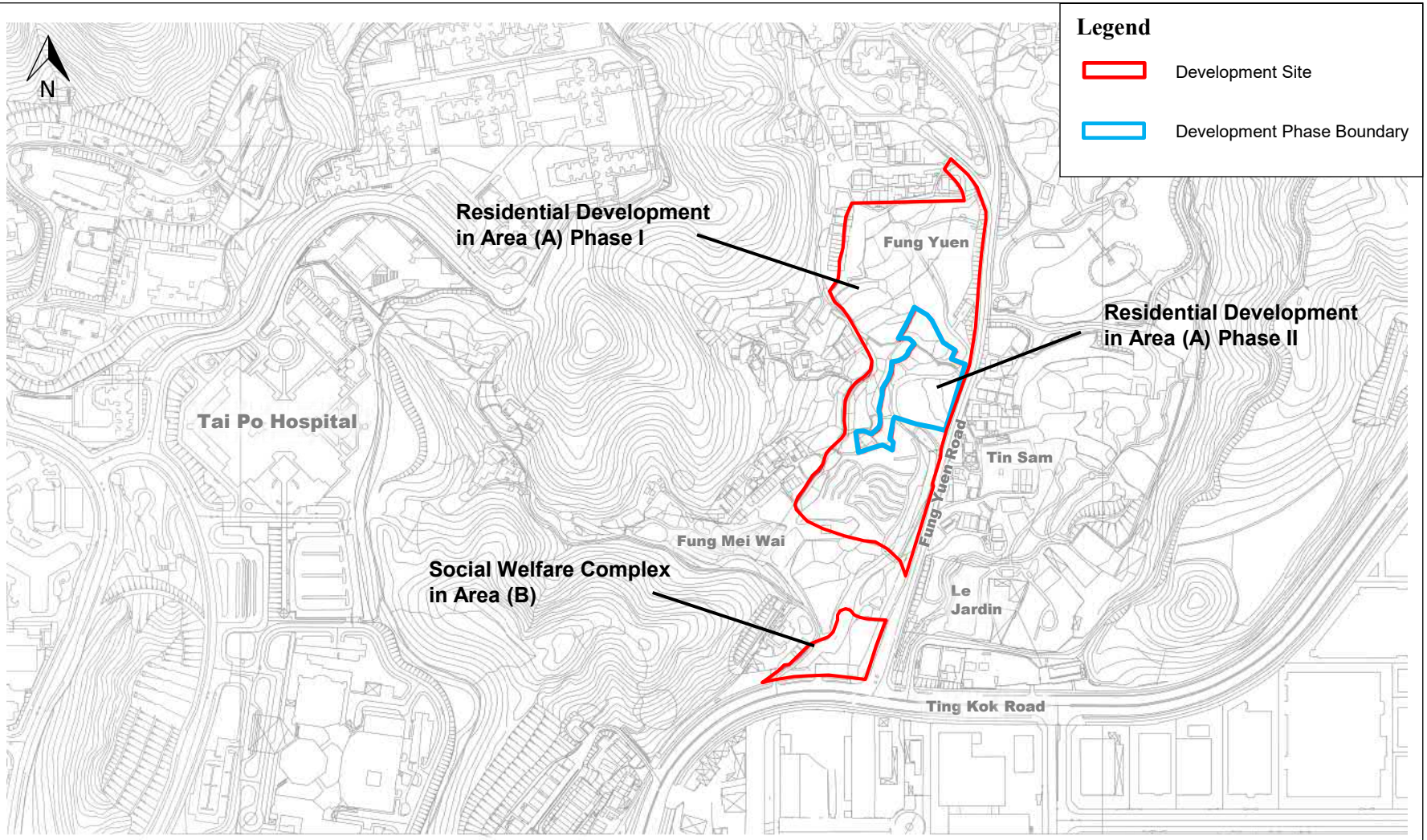
Appendix C Existing Water Supply System with the Water Mains to be Assessed

Appendix D Layout Plan for Hydraulic Calculation of Residual Head

Appendix E Residual Head Calculation for Fresh and Flushing Water Mains

Appendix A

Location Plan



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Location Plan**

Date	Scale	File
Jul 2025	N.T.S.	

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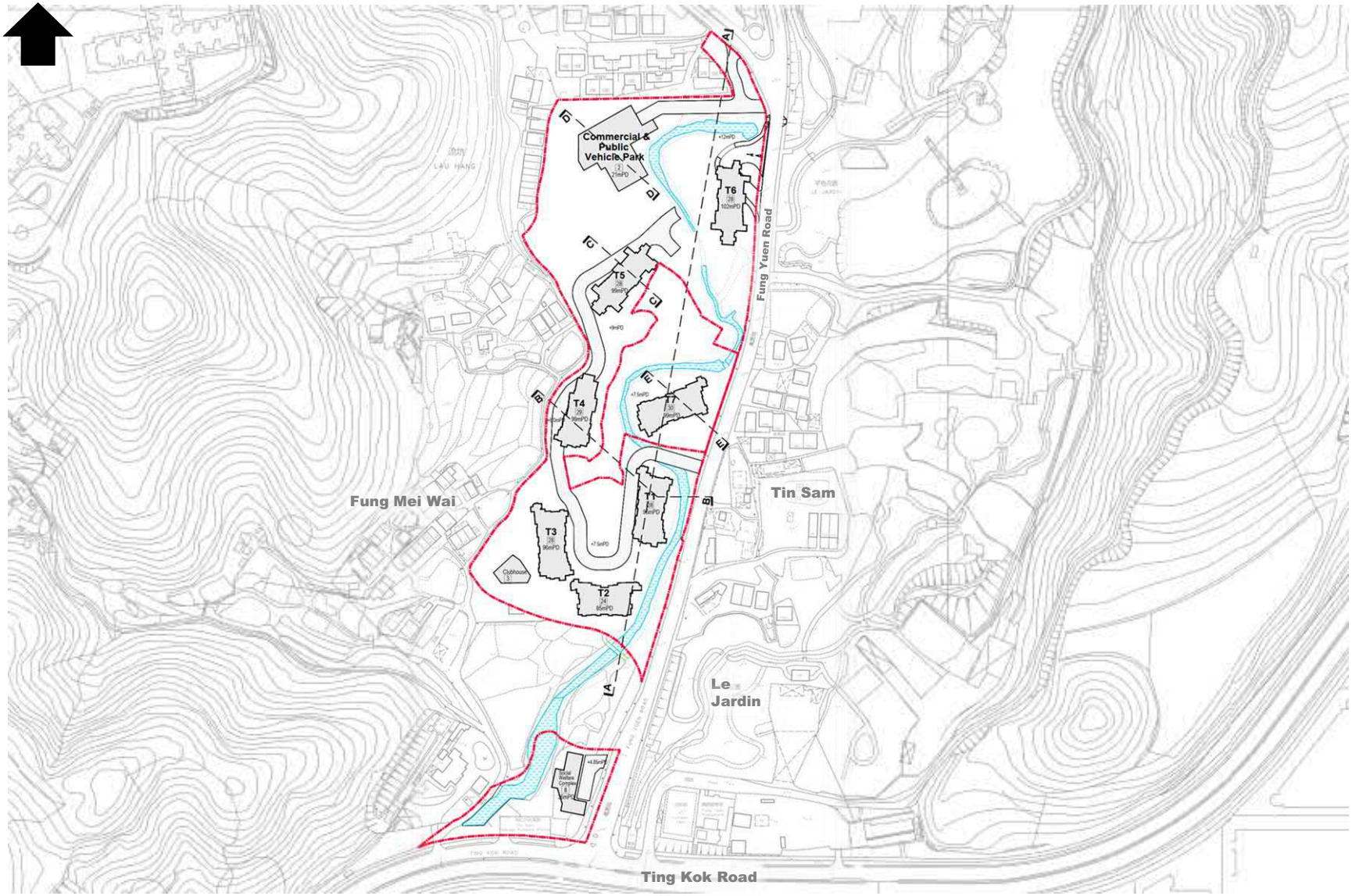
Appendix A

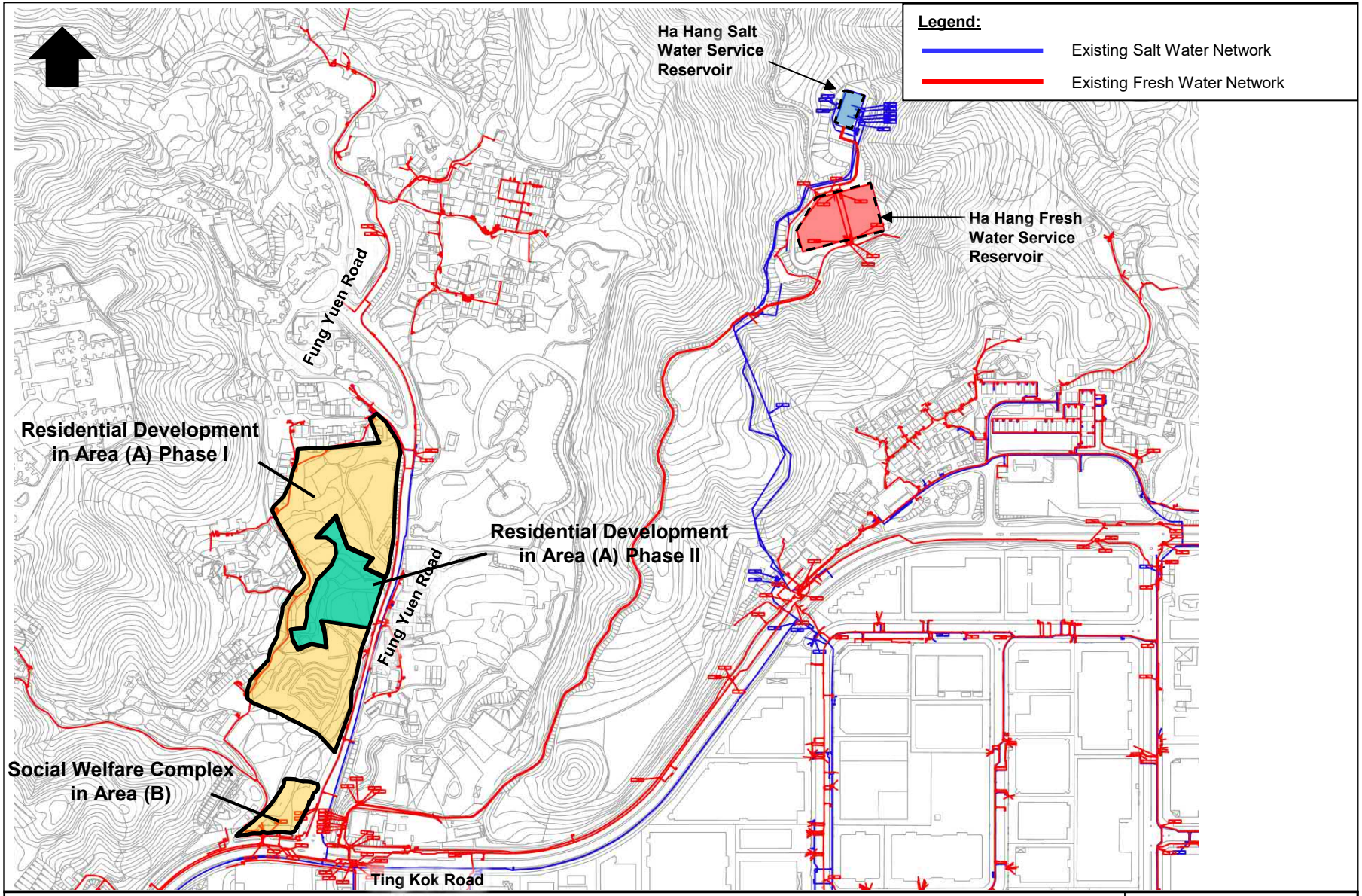
Appendix B
Layout Plan



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Layout Plan**	**Appendix B**
Date Sep 2025	**Scale** N.T.S.	**File**

Appendix C

Existing Water Supply System with the Water Mains to be Assessed



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Existing Water Supply System**
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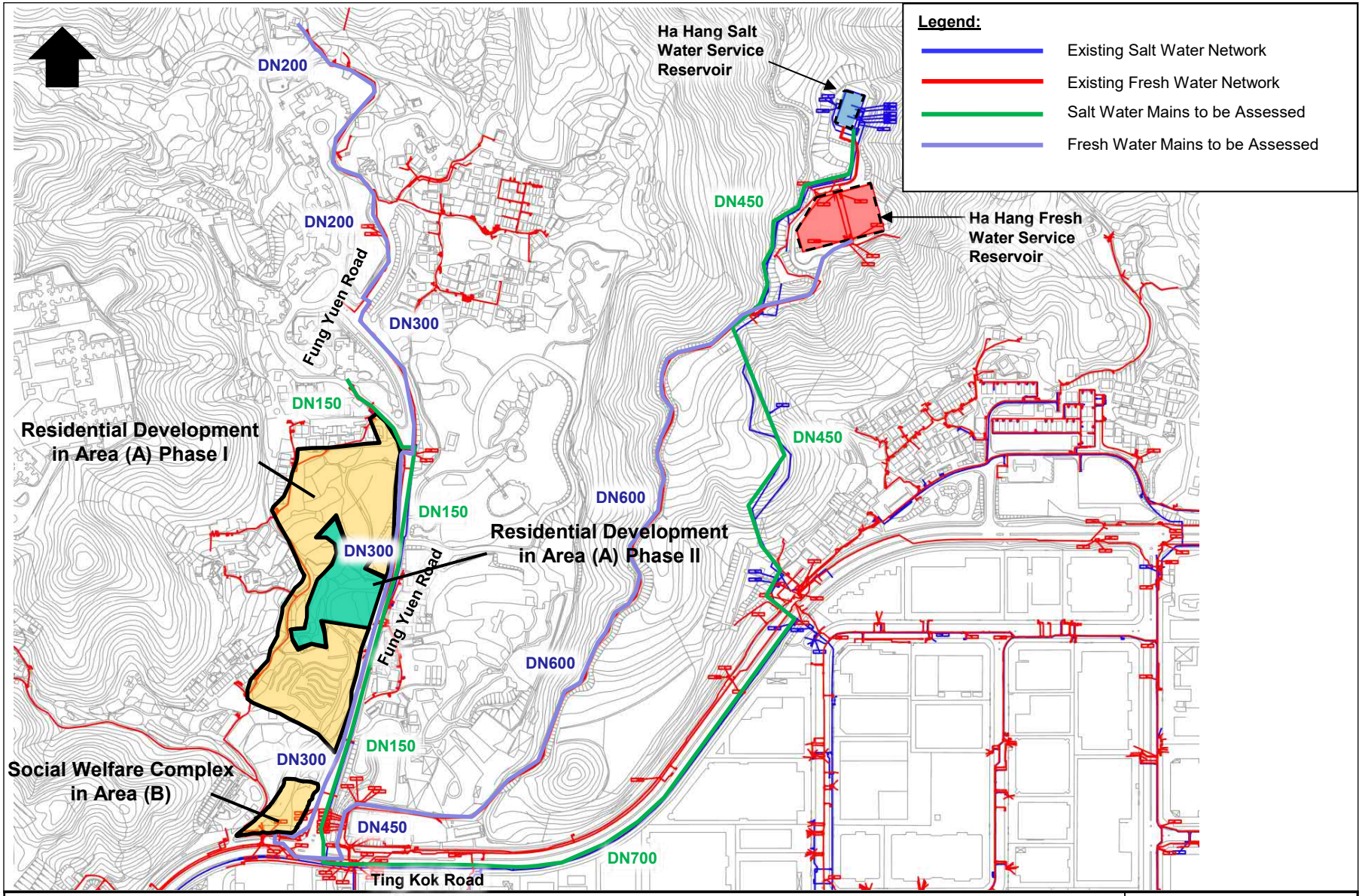
Appendix C



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Existing Water Supply System with the Water Mains to be Assessed**
Date Jul 2025	**Scale** N.T.S.
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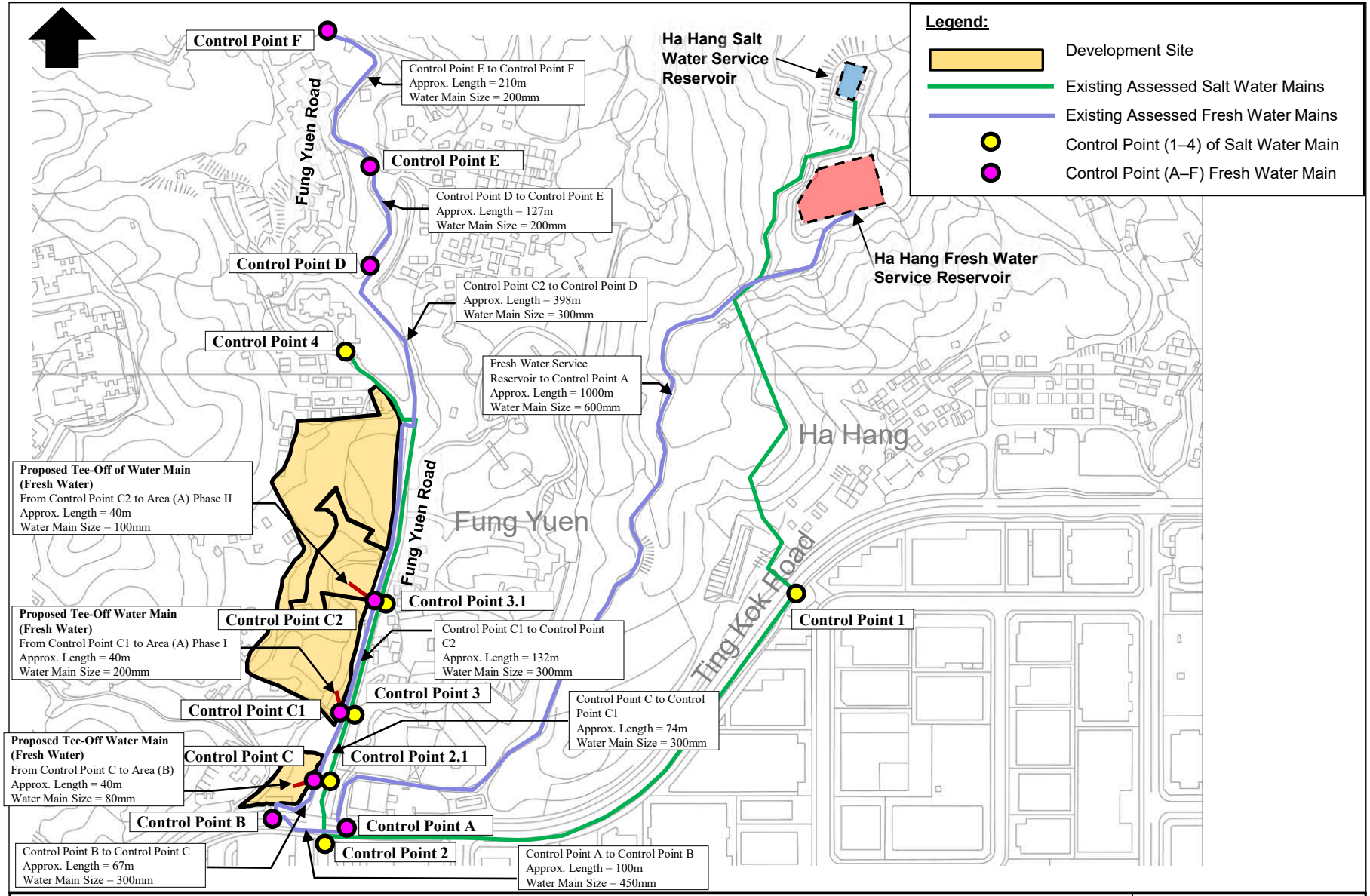
Appendix C

Appendix D

Layout Plan for Hydraulic Calculation of Residual Head



Project Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

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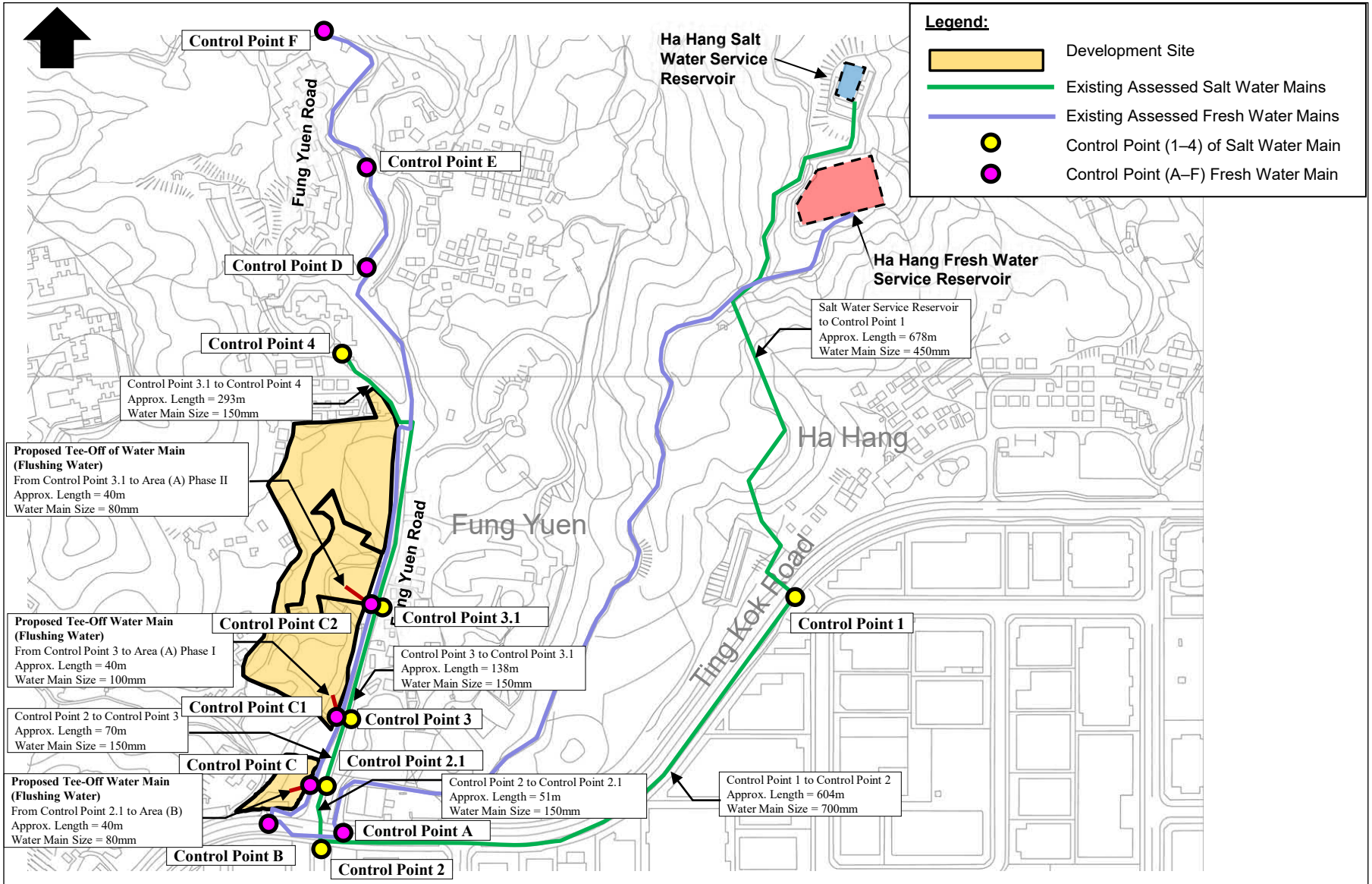
Title Layout Plan for Hydraulic Calculation of Residual Head (Fresh Water Main)

Appendix D

Date	Scale	File
Jul 2025	N.T.S.	



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Layout Plan for Hydraulic Calculation of Residual Head (Salt Water Mains)**
Date	**Jul 2025**
Scale	**N.T.S.**
File	

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Appendix D

Appendix E

Residual Head Calculation for Fresh and Flushing Water Mains

Summary table of the residual head at control points

Residual Head (m)					
Fresh Water			Flushing Water		
Control Point	**Existing Condition**	**Proposed Condition**	**Contraol Point**	**Existing Condition**	**Proposed Condition**
Control Point A	65.20	63.11	Control Point 1	72.81	72.26
Control Point B	64.18	61.49	Control Point 2	66.12	65.41
Control Point C #	63.49	59.45	Control Point 2.1 #	64.16	61.80
Control Point C 1 *	61.71	56.25	Control Point 3 *	60.69	56.18
Control Point C 2 ^	58.06	52.32	Control Point 3.1 ^	53.59	48.57
Control Point D	46.70	40.96	Control Point 4	36.22	31.20
Control Point E	42.11	36.37			
Control Point F	34.26	28.52			

Remark:
The control point for the proposed water supply connection point to the Social Welfare Complex in Area (B)
* The control point for the proposed water supply connection point to the residential development of Area (A) Phase I
^ The control point for the proposed water supply connection point to the residential development of Area (A) Phase II

Part 1 - Hydraulic Calculation for Fresh Water Supply System

Design Criteria and Assumption for Fresh Water Supply System

1. Basic Information

Existing Control Point along the Existing Fresh Water Mains from Ha Hang FWSR to DN200 FW Main

Control Point ID	Control Point A	Control Point B	Control Point C	Control Point C1	Control Point C2	Control Point D	Control Point E	Control Point F
Approx. Ground Level (mPD)	4.76	4.57	4.49	5.43	7.57	14.38	16.65	20.67

Note:

1. The locations of Control Point refer to **Appendix D.**

Existing Pipe Segment along the Existing Fresh Water Mains from Ha Hang FWSR to DN200 FW Main

Segment Location	from Reservoir to Control Point A	from Control Point A to Control Point B	from Control Point B to Control Point C	from Control Point C to Control Point C1	from Control Point C1 to Control Point C2	from Control Point C2 to Control Point D	from Control Point D to Control Point E	from Control Point E to Control Point F
Approx. Segment Length (m)	1000	100	67	74	132	398	127	210
Size (mm)	600	450	300	300	300	300	200	200
Internal Pipe Diameter (mm)	586	424	282	282	282	282	189	189
Cross Section Area (m2)	0.2697	0.1412	0.0625	0.0625	0.0625	0.0625	0.0281	0.0281

Note:

1. The locations of pipe segment refer to **Appendix D**.
2. The internal pipe diameter is from Table 1 of WSD's Guidelines for Hydraulic Modeling

2. Water Main Velocity Assumption

a. With referance to WSD's Guidelines for Hydraulic Modeling, the existing peak velocity along the existing water main is assumed as below;

Segment Location	from Reservoir to Control Point A	from Control Point A to Control Point B	from Control Point B to Control Point C	from Control Point C to Control Point C1	from Control Point C1 to Control Point C2	from Control Point C2 to Control Point D	from Control Point D to Control Point E	from Control Point E to Control Point F
Existing Peak Velocity (m/s)	2.5	2.0	1.5	1.5	1.5	1.5	1.5	1.5

3. Headloss Assumption

a. Hazen-Williams equation is adopted in the hydraulic calculation;

b. Hazen-Williams Coefficient, C, is adopted as 110 for water main size < 600mm and 120 for water main size >= 600mm according to WSD's Guidelines for Hydraulic Modeling;

c. Minor headloss is assumed to be eqaul to 10% of friction headloss.

4. Water Main Network Assumption

a. 1.5 m cover from the ground level is assumed for the water mains.

Approx. Soffit Level for Control Points

Control Point ID	Control Point A	Control Point B	Control Point C	Control Point C1	Control Point C2	Control Point D	Control Point E	Control Point F
Approx. Ground Level (mPD)	4.76	4.57	4.49	5.43	7.57	14.38	16.65	20.67
Approx. Soffit Level (mPD)	3.26	3.07	2.99	3.93	6.07	12.88	15.15	19.17

b. According to WSD comments, the invert level and top Water Head Level of Ha Hang Fresh water Service Reservoir are 76.200mPD and 82.075mPD.
Hence, it is assumed that in the design the water level at the service reservoir is at half full which will be (76.200 mPD + 82.075 mPD) / 2 = 79.138 mPD

Part 1. Calculation of Residual Head of Fresh Water Main under Existing Condition

(by using Hazen-Williams Equation)

1. Head Loss Equation (Hazen William Equation)

$$V = 0.3564 \times C \times D^{0.63} \times i^{0.54}$$

where
V = Velocity along the pipeline in m/s
C = Hazen-Williams Constant, 110 for D < 600mm, 120 for D >= 600mm
D = Diameter of the pipeline in meter
i = Hydraulic Gradient

2. Hydraulic Gradient Equation

$$\textit{Hydradulic Gradient} = \frac{\textit{Headloss}}{\textit{Pipe Length}}$$

3. Headloss and Residual Head Calculation

From Ha Hang Fresh Water Service Reservoir to Control Point A

Parameter	Unit	
Nonimal Pipe Diameter	mm	600
Internal Pipe Diameter, D	mm	586
Assumed Velocity under Peak Flow Condition, v	m/s	2.5
Hazen-William Constant	-	120
Hydraulic Gradient, i		0.00971
Travel Distance	m	1000
Estimated Major Headloss	m	9.71
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.97
Top Water Level at Water Service Reservoir	mPD	79.14
Water Head Level at Control Point A	mPD	68.46
Approx. Ground Level at Control Point A	mPD	4.76
Approx. Soffit Level at Control Point A	mPD	3.26
Residual Head at Control Point A	m	65.20

From Control Point A to Control Point B

Parameter	Unit	
Nonimal Pipe Diameter	mm	450
Internal Pipe Diameter, D	mm	424
Assumed Velocity under Peak Flow Condition, v	m/s	2.0
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01101
Travel Distance	m	100
Estimated Major Headloss	m	1.10
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.11
Water Head Level at Control Point A	mPD	68.46
Water Head Level at Control Point B	mPD	67.25
Approx. Ground Level at Control Point B	mPD	4.57
Approx. Soffit Level at Control Point B	mPD	3.07
Residual Head at Control Point B	m	64.18

From Control Point B to Control Point C

Parameter	Unit	
Nonimal Pipe Diameter	mm	300
Internal Pipe Diameter, D	mm	282
Assumed Velocity under Peak Flow Condition, v	m/s	1.5
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01040
Travel Distance	m	67
Estimated Major Headloss	m	0.70
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.07
Water Head Level at Control Point B	mPD	67.25
Water Head Level at Control Point C	mPD	66.48
Approx. Ground Level at Control Point C	mPD	4.49
Approx. Soffit Level at Control Point C	mPD	2.99
Residual Head at Control Point C	m	63.49

From Control Point C to Control Point C1

Parameter	Unit	
Nonimal Pipe Diameter	mm	300
Internal Pipe Diameter, D	mm	282
Assumed Velocity under Peak Flow Condition, v	m/s	1.50
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01040
Travel Distance	m	74
Estimated Major Headloss	m	0.77
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.08
Water Head Level at Control Point C	mPD	66.48
Water Head Level at Control Point C1	mPD	65.64
Approx. Ground Level at Control Point C1	mPD	5.43
Approx. Soffit Level at Control Point C1	mPD	3.93
Residual Head at Control Point C1	m	61.71

From Control Point C1 to Control Point C2

Parameter	Unit	
Nonimal Pipe Diameter	mm	300
Internal Pipe Diameter, D	mm	282
Assumed Velocity under Peak Flow Condition, v	m/s	1.50
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01040
Travel Distance	m	132
Estimated Major Headloss	m	1.37
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.14
Water Head Level at Control Point C1	mPD	65.64
Water Head Level at Control Point C2	mPD	64.13
Approx. Ground Level at Control Point C2	mPD	7.57
Approx. Soffit Level at Control Point C2	mPD	6.07
Residual Head at Control Point C2	m	58.06

From Control Point C2 to Control Point D

Parameter	Unit	
Nonimal Pipe Diameter	mm	300
Internal Pipe Diameter, D	mm	282
Assumed Velocity under Peak Flow Condition, v	m/s	1.50
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01040
Travel Distance	m	398
Estimated Major Headloss	m	4.14
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.41
Water Head Level at Control Point C2	mPD	64.13
Water Head Level at Control Point D	mPD	59.58
Approx. Ground Level at Control Point D	mPD	14.38
Approx. Soffit Level at Control Point D	mPD	12.88
Residual Head at Control Point D	m	46.70

From Control Point D to Control Point E

Parameter	Unit	
Nonimal Pipe Diameter	mm	200
Internal Pipe Diameter, D	mm	189
Assumed Velocity under Peak Flow Condition, v	m/s	1.50
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01658
Travel Distance	m	127
Estimated Major Headloss	m	2.11
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.21
Water Head Level at Control Point D	mPD	59.58
Water Head Level at Control Point E	mPD	57.26
Approx. Ground Level at Control Point E	mPD	16.65
Approx. Soffit Level at Control Point E	mPD	15.15
Residual Head at Control Point E	m	42.11

From Control Point E to Control Point F

Parameter	Unit	
Nonimal Pipe Diameter	mm	200
Internal Pipe Diameter, D	mm	189
Assumed Velocity under Peak Flow Condition, v	m/s	1.50
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01658
Travel Distance	m	210
Estimated Major Headloss	m	3.48
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.35
Water Head Level at Control Point E	mPD	57.26
Water Head Level at Control Point F	mPD	53.43
Approx. Ground Level at Control Point F	mPD	20.67
Approx. Soffit Level at Control Point F	mPD	19.17
Residual Head at Control Point F	m	34.26

Part 1. Residual Head of Fresh Water Main Under Proposed Condition (with Proposed Development)

(by using Hazen-Williams Equation)

1. Head Loss Equation (Hazen William Equation)

$$V = 0.3564 \times C \times D^{0.63} \times i^{0.54}$$

where

V = Velocity along the pipeline in m/s

C = Hazen-Williams Constant, 110 for D < 600mm, 120 for D >= 600mm

D = Internal diameter of the pipeline in meter

i = Hydraulic Gradient

2. Hydraulic Gradient Equation

$$\textit{Hydradulic Gradient} = \frac{\textit{Headloss}}{\textit{Pipe Length}}$$

3. Headloss and Residual Head Calculation

From Ha Hang Fresh Water Service Reservoir to Control Point A

Parameter	Unit	
Nonimal Pipe Diameter	mm	600
Internal Pipe Diameter, D	mm	586
Assumed Velocity under Peak Flow Condition, v	m/s	2.75
Hazen-William Constant	-	120
Hydraulic Gradient, i		0.01161
Travel Distance	m	1000
Estimated Major Headloss	m	11.61
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	1.16
Top Water Level at Water Service Reservoir	mPD	79.14
Water Head Level at Control Point A	mPD	66.37
Approx. Ground Level at Control Point A	mPD	4.76
Approx. Soffit Level at Control Point A	mPD	3.26
Residual Head at Control Point A	m	63.11

From Control Point A to Control Point B

Parameter	Unit	
Nonimal Pipe Diameter	mm	450
Internal Pipe Diameter, D	mm	424
Assumed Velocity under Peak Flow Condition, v	m/s	2.48
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01644
Travel Distance	m	100
Estimated Major Headloss	m	1.64
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.16
Water Head Level at Control Point A	mPD	66.37
Water Head Level at Control Point B	mPD	64.56
Approx. Ground Level at Control Point B	mPD	4.57
Approx. Soffit Level at Control Point B	mPD	3.07
Residual Head at Control Point B	m	61.49

From Control Point B to Control Point C

Parameter	Unit	
Nonimal Pipe Diameter	mm	300
Internal Pipe Diameter, D	mm	282
Assumed Velocity under Peak Flow Condition, v	m/s	2.60
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.02869
Travel Distance	m	67
Estimated Major Headloss	m	1.92
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.19
Water Head Level at Control Point B	mPD	64.56
Water Head Level at Control Point C	mPD	62.44
Approx. Ground Level at Control Point C	mPD	4.49
Approx. Soffit Level at Control Point C	mPD	2.99
Residual Head at Control Point C	m	59.45

From Control Point C to Control Point C1

Parameter	Unit	
Nonimal Pipe Diameter	mm	300
Internal Pipe Diameter, D	mm	282
Assumed Velocity under Peak Flow Condition, v	m/s	2.55
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.02785
Travel Distance	m	74
Estimated Major Headloss	m	2.06
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.21
Water Head Level at Control Point C	mPD	62.44
Water Head Level at Control Point C1	mPD	60.18
Approx. Ground Level at Control Point C1	mPD	5.43
Approx. Soffit Level at Control Point C1	mPD	3.93
Residual Head at Control Point C1	m	56.25

From Control Point C1 to Control Point C2

Parameter	Unit	
Nonimal Pipe Diameter	mm	300
Internal Pipe Diameter, D	mm	282
Assumed Velocity under Peak Flow Condition, v	m/s	1.64
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01231
Travel Distance	m	132
Estimated Major Headloss	m	1.63
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.16
Water Head Level at Control Point C1	mPD	60.18
Water Head Level at Control Point C2	mPD	58.39
Approx. Ground Level at Control Point C2	mPD	7.57
Approx. Soffit Level at Control Point C2	mPD	6.07
Residual Head at Control Point C2	m	52.32

From Control Point C2 to Control Point D

Parameter	Unit	
Nonimal Pipe Diameter	mm	300
Internal Pipe Diameter, D	mm	282
Assumed Velocity under Peak Flow Condition, v	m/s	1.50
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01040
Travel Distance	m	398
Estimated Major Headloss	m	4.14
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.41
Water Head Level at Control Point C2	mPD	58.39
Water Head Level at Control Point D	mPD	53.84
Approx. Ground Level at Control Point D	mPD	14.38
Approx. Soffit Level at Control Point D	mPD	12.88
Residual Head at Control Point D	m	40.96

From Control Point D to Control Point E

Parameter	Unit	
Nonimal Pipe Diameter	mm	200
Internal Pipe Diameter, D	mm	189
Assumed Velocity under Peak Flow Condition, v	m/s	1.50
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01658
Travel Distance	m	127
Estimated Major Headloss	m	2.11
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.21
Water Head Level at Control Point D	mPD	53.84
Water Head Level at Control Point E	mPD	51.52
Approx. Ground Level at Control Point E	mPD	16.65
Approx. Soffit Level at Control Point E	mPD	15.15
Residual Head at Control Point E	m	36.37

From Control Point E to Control Point F

Parameter	Unit	
Nonimal Pipe Diameter	mm	200
Internal Pipe Diameter, D	mm	189
Assumed Velocity under Peak Flow Condition, v	m/s	1.50
Hazen-William Constant	-	110
Hydraulic Gradient, i		0.01658
Travel Distance	m	210
Estimated Major Headloss	m	3.48
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.35
Water Head Level at Control Point E	mPD	51.52
Water Head Level at Control Point F	mPD	47.69
Approx. Ground Level at Control Point F	mPD	20.67
Approx. Soffit Level at Control Point F	mPD	19.17
Residual Head at Control Point F	m	28.52

Part 2 - Hydraulic Calculation for Salt Water Supply System (Flushing Water)

Design Criteria and Assumption for Salt Water Supply System

1. Basic Information

Existing Control Point along the Existing Salt Water Mains from Ha Hang SWSR to DN150 SW Main

Control Point ID	Control Point 1	Control Point 2	Control Point 2.1	Control Point 3	Control Point 3.1	Control Point 4
Approx. Ground Level (mPD)	4.35	4.58	4.59	5.39	7.22	13.41

Note:

1. The locations of Control Point refer to **Appendix D**

Existing Pipe Segment along the Existing Salt Water Mains from Ha Hang SWSR to DN150 SW Main

Segment Location	from Reservoir to Control Point 1	from Control Point 1 to Control Point 2	from Control Point 2 to Control Point 2.1	from Control Point 2.1 to Control Point 3	from Control Point 3 to Control Point 3.1	from Control Point 3.1 to Control Point 4
Approx. Segment Length (m)	678	604	51	70	138	293
Size (mm)	450	700	150	150	150	150
Internal Pipe Diameter	424	648	138	138	138	138
Cross Section Area (m2)	0.1412	0.3298	0.0150	0.0150	0.0150	0.0150

Note:

1. The locations of pipe segment refer to **Appendix D**.
2. The internal pipe diameter is from Table 1 of WSD's Guidelines for Hydraulic Modeling

2. Water Main Velocity Assumption

a. The existing peak velocity along the existing water main is assumed as below;

Segment Location	from Reservoir to Control Point 1	from Control Point 1 to Control Point 2	from Control Point 2 to Control Point 2.1	from Control Point 2.1 to Control Point 3	from Control Point 3 to Control Point 3.1	from Control Point 3.1 to Control Point 4
Existing Peak Velocity (m/s)	1.5	2.0	1.5	1.5	1.5	1.5

3. Headloss Assumption

a. Hazen-Williams equation is adopted in the hydraulic calculation;

b. Hazen-Williams Coefficient, C, is adopted as 90 for salt water main according to WSD's Guidelines for Hydraulic Modeling;

c. Minor headloss is assumed to be eqaul to 10% of friction headloss.

4. Water Main Network Assumption

a. 1.5 m cover from the ground level is assumed for the water mains.

Approx. Soffit Level for Control Points

Control Point ID	Control Point 1	Control Point 2	Control Point 2.1	Control Point 3	Control Point 3.1	Control Point 4
Approx. Ground Level (mPD)	4.35	4.58	4.59	5.39	7.22	13.41
Approx. Soffit Level (mPD)	2.85	3.08	3.09	3.89	5.72	11.91

b. According to WSD comments, the invert level and top Water Head Level of Ha Hang Salt Water Service Reservoir are 80.3mPD and 85mPD. Hence, it is assumed that in the design the water level at the service reservoir is at half full which will be (80.30 mPD + 85.00 mPD) / 2 = 82.65 mPD

Part 2. Residual Head of Flushing Water Main under Existing Condition

(by using Hazen-Williams Equation)

1. Head Loss Equation (Hazen William Equation)

$$V = 0.3564 \times C \times D^{0.63} \times i^{0.54}$$

where
V = Velocity along the pipeline in m/s
C = Hazen-Williams Constant, 90
D = Internal diameter of the pipeline in meter
i = Hydraulic Gradient

2. Hydraulic Gradient Equation

$$\textit{Hydradulic Gradient} = \frac{\textit{Headloss}}{\textit{Pipe Length}}$$

3. Headloss and Residual Head Calculation

FromHa Hang Salt Water Service Reservoir to Control Point 1

Parameter	Unit	
Nonimal Pipe Diameter	mm	450
Internal Pipe Diameter, D	mm	424
Assumed Velocity under Peak Flow Condition, v	m/s	1.5
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.00937
Travel Distance	m	678
Estimated Major Headloss	m	6.35
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.64
Top Water Level at Water Service Reservoir	mPD	82.65
Water Head Level at Control Point 1	mPD	75.66
Approx. Ground Level at Control Point 1	mPD	4.35
Approx. Soffit Level at Control Point 1	mPD	2.85
Residual Head at Control Point 1	m	72.81

From Control Point 1 to Control Point 2

Parameter	Unit	
Nonimal Pipe Diameter	mm	700
Internal Pipe Diameter, D	mm	648
Assumed Velocity under Peak Flow Condition, v	m/s	2.0
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.00973
Travel Distance	m	604
Estimated Major Headloss	m	5.88
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.59
Water Head Level at Control Point 1	mPD	75.66
Water Head Level at Control Point 2	mPD	69.20
Approx. Ground Level at Control Point 2	mPD	4.58
Approx. Soffit Level at Control Point 2	mPD	3.08
Residual Head at Control Point 2	m	66.12

From Control Point 2 to Control Point 2.1

Parameter	Unit	
Nonimal Pipe Diameter	mm	150
Internal Pipe Diameter, D	mm	138
Assumed Velocity under Peak Flow Condition, v	m/s	1.5
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.03470
Travel Distance	m	51
Estimated Major Headloss	m	1.77
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.18
Water Head Level at Control Point 2	mPD	69.20
Water Head Level at Control Point 2.1	mPD	67.25
Approx. Ground Level at Control Point 2.1	mPD	4.59
Approx. Soffit Level at Control Point 2.1	mPD	3.09
Residual Head at Control Point 2.1	m	64.16

From Control Point 2.1 to Control Point 3

Parameter	Unit	
Nonimal Pipe Diameter	mm	150
Internal Pipe Diameter, D	mm	138
Assumed Velocity under Peak Flow Condition, v	m/s	1.5
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.03470
Travel Distance	m	70
Estimated Major Headloss	m	2.43
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.24
Water Head Level at Control Point 2.1	mPD	67.25
Water Head Level at Control Point 3	mPD	64.58
Approx. Ground Level at Control Point 3	mPD	5.39
Approx. Soffit Level at Control Point 3	mPD	3.89
Residual Head at Control Point 3	m	60.69

From Control Point 3 to Control Point 3.1

Parameter	Unit	
Nonimal Pipe Diameter	mm	150
Internal Pipe Diameter, D	mm	138
Assumed Velocity under Peak Flow Condition, v	m/s	1.5
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.03470
Travel Distance	m	138
Estimated Major Headloss	m	4.79
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.48
Water Head Level at Control Point 3	mPD	64.58
Water Head Level at Control Point 3.1	mPD	59.31
Approx. Ground Level at Control Point 3.1	mPD	7.22
Approx. Soffit Level at Control Point 3.1	mPD	5.72
Residual Head at Control Point 3.1	m	53.59

From Control Point 3.1 to Control Point 4

Parameter	Unit	
Nonimal Pipe Diameter	mm	150
Internal Pipe Diameter, D	mm	138
Assumed Velocity under Peak Flow Condition, v	m/s	1.5
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.03470
Travel Distance	m	293
Estimated Major Headloss	m	10.17
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	1.02
Water Head Level at Control Point 3.1	mPD	59.31
Water Head Level at Control Point 4	mPD	48.13
Approx. Ground Level at Control Point 4	mPD	13.41
Approx. Soffit Level at Control Point 4	mPD	11.91
Residual Head at Control Point 4	m	36.22

Part 2. Residual Head of Flushing Water Main under Proposed Condition (with Proposed Development)

(by using Hazen-Williams Equation)

1. Head Loss Equation (Hazen William Equation)

$$V = 0.3564 \times C \times D^{0.63} \times i^{0.54}$$

where
V = Velocity along the pipeline in m/s
C = Hazen-Williams Constant, 90
D = Internal diameter of the pipeline in meter
i = Hydraulic Gradient

2. Hydraulic Gradient Equation

$$\textit{Hydradulic Gradient} = \frac{\textit{Headloss}}{\textit{Pipe Length}}$$

3. Headloss and Residual Head Calculation

From Ha Hang Salt Water Service Reservoir to Control Point 1

Parameter	Unit	
Nonimal Pipe Diameter	mm	450
Internal Pipe Diameter, D	mm	424
Assumed Velocity under Peak Flow Condition, v	m/s	1.56
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.01010
Travel Distance	m	678
Estimated Major Headloss	m	6.85
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.69
Top Water Level at Water Service Reservoir	mPD	82.65
Water Head Level at Control Point 1	mPD	75.11
Approx. Ground Level at Control Point 1	mPD	4.35
Approx. Soffit Level at Control Point 1	mPD	2.85
Residual Head at Control Point 1	m	72.26

From Control Point 1 to Control Point 2

Parameter	Unit	
Nonimal Pipe Diameter	mm	700
Internal Pipe Diameter, D	mm	648
Assumed Velocity under Peak Flow Condition, v	m/s	2.03
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.00997
Travel Distance	m	604
Estimated Major Headloss	m	6.02
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.60
Water Head Level at Control Point 1	mPD	75.11
Water Head Level at Control Point 2	mPD	68.49
Approx. Ground Level at Control Point 2	mPD	4.58
Approx. Soffit Level at Control Point 2	mPD	3.08
Residual Head at Control Point 2	m	65.41

From Control Point 2 to Control Point 2.1

Parameter	Unit	
Nonimal Pipe Diameter	mm	150
Internal Pipe Diameter, D	mm	138
Assumed Velocity under Peak Flow Condition, v	m/s	2.09
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.06421
Travel Distance	m	51
Estimated Major Headloss	m	3.27
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.33
Water Head Level at Control Point 2	mPD	68.49
Water Head Level at Control Point 3	mPD	64.89
Approx. Ground Level at Control Point 3	mPD	4.59
Approx. Soffit Level at Control Point 3	mPD	3.09
Residual Head at Control Point 2.1	m	61.80

From Control Point 2.1 to Control Point 3

Parameter	Unit	
Nonimal Pipe Diameter	mm	150
Internal Pipe Diameter, D	mm	138
Assumed Velocity under Peak Flow Condition, v	m/s	2.06
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.06261
Travel Distance	m	70
Estimated Major Headloss	m	4.38
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.44
Water Head Level at Control Point 2.1	mPD	64.89
Water Head Level at Control Point 3	mPD	60.07
Approx. Ground Level at Control Point 3	mPD	5.39
Approx. Soffit Level at Control Point 3	mPD	3.89
Residual Head at Control Point 3	m	56.18

From Control Point 3 to Control Point 3.1

Parameter	Unit	
Nonimal Pipe Diameter	mm	150
Internal Pipe Diameter, D	mm	138
Assumed Velocity under Peak Flow Condition, v	m/s	1.58
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.03803
Travel Distance	m	138
Estimated Major Headloss	m	5.25
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	0.52
Water Head Level at Control Point 3	mPD	60.07
Water Head Level at Control Point 3.1	mPD	54.29
Approx. Ground Level at Control Point 3.1	mPD	7.22
Approx. Soffit Level at Control Point 3.1	mPD	5.72
Residual Head at Control Point 3.1	m	48.57

From Control Point 3.1 to Control Point 4

Parameter	Unit	
Nonimal Pipe Diameter	mm	150
Internal Pipe Diameter, D	mm	138
Assumed Velocity under Peak Flow Condition, v	m/s	1.50
Hazen-William Constant	-	90
Hydraulic Gradient, i		0.03470
Travel Distance	m	293
Estimated Major Headloss	m	10.17
Minor Headloss (Extra 10% of Estimated Major Headloss)	m	1.02
Water Head Level at Control Point 3.1	mPD	54.29
Water Head Level at Control Point 4	mPD	43.11
Approx. Ground Level at Control Point 4	mPD	13.41
Approx. Soffit Level at Control Point 4	mPD	11.91
Residual Head at Control Point 4	m	31.20



Appendix 7

Air Quality Impact Assessment

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Air Quality Impact Assessment

Prepared for:
Fantastic State Limited

Prepared by:
Westwood Hong & Associates Limited

Report No.:
22608-A1 Rev A

Date:
26 September 2025

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AIMS

To assess the air quality impacts due to the industrial chimney emissions and vehicular emissions for the proposed Development at the Fung Yuen Road, Tai Po, N.T.

To assess the air quality impact with respect to the air quality requirements stipulated in the Hong Kong Planning Standards & Guidelines (HKPSG)[1].

SUMMARY

Site inspections have been conducted to identify the possible air pollution sources in the neighbourhood of the proposed Development.

The major air pollution sources that may have an impact on the proposed Development have been identified as the industrial chimney emissions and the vehicular emissions in the neighbourhood. Computation has been performed by employing the AERMOD software.

The concentration of Nitrogen Dioxide (NO_2), Respirable Suspended Particulates (RSP), Fine Suspended Particulates (FSP) and Sulphur Dioxide (SO_2) have been predicted.

The cumulative concentrations of NO_2, RSP, FSP and SO_2 are within the stipulated HKAQO limits.

Control requirements in the Air Pollution Control (Construction Dust) Regulation, Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation and Air Pollution Control (Fuel Restriction) Regulations will be complied with. Relevant mitigation measures will be implemented accordingly. Under such circumstances, no adverse air quality impacts in association with the proposed Development during construction phase are anticipated.

1 INTRODUCTION

1.1 Westwood Hong & Associates Ltd. was commissioned to prepare an air quality impact assessment report to predict the air impact caused by air pollution sources in the neighbourhood of the proposed residential development(s) with retail, public vehicle park and social welfare facilities (the "proposed Development") at various lots in DD11 and adjoining government land, Fung Yuen, Tai Po and the air quality impact caused by the proposed Development on the environs.

1.2 This environmental air impact assessment report supports the Rezoning Application for the proposed Development.

1.3 This S.12A application is to seek the Town Planning Board's approval for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") for the proposed Development at various lots in D.D. 11 and adjoining Government Land in Fung Yuen, Tai Po, New Territories ("the Development Site"). The Development Site consists of two areas: Area (A) and Area (B).

1.4 The proposed Development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B).

1.5 The Applicant submitted an s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and a relaxation of the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

1.6 Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely

formed by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

1.7 This report has been prepared based on the architectural drawings in Appendix 1.

1.8 The assessment report presents an air quality impact assessment of the proposed Development with consideration given to:-

- Industrial chimney emissions affecting the proposed Development
- Vehicular emissions affecting the proposed Development
- Air Quality impact control during construction

2 SITE LOCATION

Site Location

2.1 The Development Site comprising Area (A) and Area (B) is adjoining Fung Yuen Road to the east. Ting Kok Road is located to the south (Figure 1a). The residential development Mont Vert is located to the north.

Development Layout

2.2 The proposed Development comprises retail and public vehicle park and 7 residential blocks with 24 – 30 storeys in height on Area (A) and a Residential Care Home for the Elderly (RCHE) cum Day Care Unit (DCU) with 8 storeys in height on Area (B). The architectural drawings are provided in Appendix 1. The development parameters are summarised in Table 2.1 below.

Table 2.1 Development Parameters of the Proposed Development

	Parameters
Zoning	"Comprehensive Development Area" and "Government, Institution or Community" on Draft Tai Po Outline Zoning Plan No. S/TP/31
Site Area	Area (A): 31,854 m^2 Area (B): 3,347 m^2
Number of Residential Units	1,988
Number of Residential Storeys	24 – 30 storeys
Height of Residential Towers	85 – 102mPD
Use	- Residential blocks - Retail and public vehicle park facilities - Social welfare complex
Completion Year	2030

3 SITE INSPECTION

Date and Time

3.1 Site surveys were conducted on 7 April 2025, 23 June 2022, 8 October 2021, 10 March 2020, 15 October 2019, 6 and 11 July 2018.

Vehicular Emissions in the Vicinity

3.2 The vehicular emissions from the roads in the vicinity of the Development Site have been included in the air impact assessment for the proposed Development.

Industrial Emissions in the Vicinity

3.3 Site surveys have been conducted covering the whole area within 500m of the proposed Development to identify all the industrial chimneys. As compared with the site survey in 2022, 1 industrial chimney was removed. A total of 18 chimneys were identified (with 11 in Tai Po Industrial Estate and 7 in Tai Po Hospital and Alice Ho Miu Ling Nethersole Hospital). The location of industrial chimney is provided in Figure 3. The summary of the chimneys are provided in Appendix 4.

3.4 The site inspection has confirmed that odour was not detected at the site boundary and at the Tin Sam Sewage Pumping Station, fluff was not observed from the buildings in the vicinity of the proposed Development.

4 ENVIRONMENTAL LEGISLATION AND STANDARDS

Hong Kong Air Quality Objectives

4.1 Table 4.1 shows the Hong Kong Air Quality Objectives (AQOs) that updated in year 2025:-

Table 4.1 Hong Kong Air Quality Objectives

Pollutant	Averaging Time	AQO concentration ($\mu g/m^3$)	Number of exceedances allowed per calendar year
Sulphur Dioxide	10 minute	500	3
	24 hour	40	3
Respirable Suspended Particulate (PM10) (ii)	24 hour	75	9
	Annual	30	NA
Fine Suspended Particulates (PM2.5) (iii)	24 hour	37.5	18
	Annual	15	NA
Nitrogen Dioxide	1 hour	200	18
	24 hour	120	9
	Annual	40	NA
Carbon Monoxide	1 hour	30,000	0
	8 hour	10,000	0
	24 hour	4000	0
Ozone	8 hour	160	9
	Peak season	100	NA
Lead	Annual	0.5	NA

Notes (i) All measurements of the concentration of gaseous air pollutants, i.e., sulphur dioxide, nitrogen dioxide, ozone and carbon monoxide, are to be adjusted to a reference temperature of 293 Kelvin and a reference pressure of 101.325 kilopascal.

(ii) Respirable suspended particulates means suspended particles in air with a nominal aerodynamic diameter of 10 micrometres or less.

(iii) Fine suspended particulates means suspended particles in air with a nominal aerodynamic diameter of 2.5 micrometres or less.

(iv) 24 hour level for NO_2, peak season level for O_3 and 24 hour level for CO are new parameters in World Health Organization (WHO) Air Quality Guidelines (AQGs) as well as HKAQO.

Air Pollution Control (Construction Dust) Regulation

4.2 Enacted under Section 43 of the APCO, the Air Pollution Control (Construction Dust) Regulation defines notifiable and regulatory works to ensure effective dust abatement measures have been properly implemented to reduce dust emissions for a number of construction activities.

4.3 The Regulation requires that any notifiable work shall give advance notice to EPD, and the contractor shall ensure that the notifiable and regulatory works are carried out in accordance with the Schedule of the Regulation. Dust control and suppression measures are also provided in the Schedule.

Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation

4.4 This Regulation requires Non-road Mobile Machinery (NRMM), except those exempted, to comply with the prescribed emission standards. All regulated machines sold or leased for use in Hong Kong must be approved or exempted with a proper label in a prescribed format issued by EPD. Only approved or exempted NRMMs with a proper label are allowed to be used in specified activities and locations including construction sites, container terminals and back up facilities, restricted areas of the airport, designated waste disposal facilities and specified processes.

Air Pollution Control (Fuel Restriction) Regulations

4.5 This Regulation was enacted in 1990 to impose legal control on the type of fuels allowed for use and their sulphur contents in commercial and industrial processes to reduce sulphur dioxide (SO_2) emissions. In April 2025, the Regulation was amended to tighten the control requirements of liquid fuels, i.e. using liquid fuel with a sulphur content of less than 0.001% by weight. The Regulation does not apply to any fuel-using equipment that is used or operated in premises used solely as a dwelling, or is used or operated in or on a vessel, motor vehicle, railway locomotive or aircraft.

Recommended Pollution Control Clauses for Construction Contracts

4.6 The Recommended Pollution Control Clauses (RPCC) are generally good engineering practice to minimize inconvenience and environmental nuisance to nearby residents and other sensitive receivers. Some modifications may be necessary to suit specific site conditions.

Hong Kong Planning Standards and Guidelines (HKPSG)

4.7 The AQOs shall be achieved as soon as reasonably practicable and every planning effort should be made to reduce the air pollution emitters in those areas with exceedances of AQOs.

4.8 The HKPSG specify buffer distances between sources of pollution and sensitive land uses to ensure acceptable air quality at the sensitive land uses. Examples of recommended buffer distance extracted from the HKPSG for relevant source and sensitive land use combinations are given in Table 4.2 below.

Table 4.2 HKPSG Recommended Buffer Distances

Source	Sensitive Land Use	Recommended Buffer Distance
Multi-storey industrial buildings without chimney	Residential areas and schools	100m
Multi-storey industrial buildings without chimney	Commercial and G/IC uses	30m
Industrial chimneys	Active and passive recreational uses	10-200m, depending on difference in height
Industrial chimneys	Passive recreational uses	5-200m, depending on difference in height
Odour sources	Sensitive uses	200m
Construction and earth moving activities	Passive recreational uses	<50m
Construction and earth moving activities	Active and passive recreational uses	>50m
Dusty uses	Sensitive uses	100m
Trunk road and primary distributor	Active and passive recreation uses	>20m
Trunk road and primary distributor	Passive recreational uses	3 – 20m
Trunk roads and primary distributor	Amenity areas	<3m
District distributor	Active and passive recreation uses	>10m
District distributor	Passive recreational uses	<10m
Local distributor	Active and passive recreation uses	>5m
Local distributor	Passive recreational uses	<5m

5 EXISTING AND FUTURE AIR QUALITY IN TAI PO DISTRICT

5.1 The year of occupation of the proposed Development is 2030. Therefore, the latest year of 2030 hourly background concentrations of NO_2, SO_2, RSP, FSP and O_3 has been adopted for the purpose of this assessment. The data were extracted from the PATH-v3.0[2] released by EPD in Jan 2024 (Grids 41_48 and 41_49).

5.2 The nearest Air Quality Monitoring Station (AQMS) to the proposed Development is the Tai Po AQMS. The air quality monitoring data in the five most recent years (i.e. 2019 to 2023) from this station are summarised in Table 5.1 below.

Table 5.1 Summary of AQMS data from Year 2019 to Year 2023

Pollutant	Year	Highest 1-hour Conc. beyond the allowed exceedance ($\mu g/m^3$)	Annual Conc. / O_3's Peak Season Conc. ($\mu g/m^3$)	Highest 10-minutes Conc. beyond the allowed exceedance ($\mu g/m^3$)	Highest 24-hour Conc. beyond the allowed exceedance ($\mu g/m^3$)	Highest 8-hour Conc. beyond the allowed exceedance ($\mu g/m^3$)
NO_2	2019	142	36	-	65	-
	2020	106	30	-	51	-
	2021	115	32	-	65	-
	2022	93	27	-	49	-
	2023	95	27	-	51	-
	5-year Mean	110 [55%]	30 [76%]	-	56 [47%]	-
	AQOs	**200 (18)**	**40**	N/A	**120 (9)**	N/A
SO_2	2019	-	-	20	10	-
	2020	-	-	19	7	-
	2021	-	-	15	8	-
	2022	-	-	12	5	-
	2023	-	-	27	4	-
	5-year Mean	-	-	19 [4%]	7 [17%]	-
	AQOs	N/A	N/A	**500 (3)**	**40 (3)**	N/A
RSP (PM_{10})	2019	-	**31**	-	65	-
	2020	-	24	-	58	-
	2021	-	26	-	60	-
	2022	-	21	-	48	-
	2023	-	25	-	53	-
	5-year Mean	-	25 [85%]	-	57 [76%]	-
	AQOs	N/A	**30**	N/A	**75 (9)**	N/A
FSP ($PM_{2.5}$)	2019	-	**20**	-	**41**	-
	2020	-	**15**	-	33	-
	2021	-	**16**	-	32	-
	2022	-	14	-	30	-
	2023	-	**15**	-	30	-
	5-year Mean	-	**16 [107%]**	-	33 [89%]	-
	AQOs	N/A	**15**	N/A	**37.5 (18)**	N/A
O_3	2019	-	**111**	-	-	**197**
	2020	-	**103**	-	-	**165**
	2021	-	**101**	-	-	**168**
	2022	-	99	-	-	**188**
	2023	-	96	-	-	**163**
	5-year Mean	-	**102 [102%]**	-	-	**176 [110%]**
	AQOs	N/A	**100**	N/A	N/A	**160 (9)**

Notes: (i) Underlined and **bold** values mean exceedance of the AQOs.

(ii) Values in ( ) mean the number of exceedances allowed

(iii) Percentages (%) of the AQOs are shown in [ ]. The 5-year means are the arithmetic average.

(iv) In consideration of the numbers of exceedances allowance in the AQOs, 19th highest 1-hour NO_2, 10th highest 24-hour NO_2, 10th highest 24-hour RSP, 19th highest 24-hour FSP, 4th highest 24-hour SO_2, 4th highest 10-minute SO_2, and 10th highest 8-hour O_3 concentrations are presented in above table.

(v) N/A – Not applicable since there are no AQOs for these parameters

5.3 The future background concentration data predicted by PATH-v3.0 in Year 2030 at Grids (41_48) and (41_49) are summarised in Table 5.2 below.

Table 5.2 Summary of PATH-v3.0 Background Data at Level L1 in Year 2030

Pollutant	PATH Grid	Highest 1-hour Conc. beyond the allowed exceedance ($\mu g/m^3$) [1]	Annual Conc. / O_3's Peak Season Conc. ($\mu g/m^3$)	Highest 10-minutes Conc. beyond the allowed exceedance ($\mu g/m^3$) [2]	Highest 24-hour Conc. beyond the allowed exceedance ($\mu g/m^3$) [3]	Highest 8-hour Conc. beyond the allowed exceedance ($\mu g/m^3$) [4]
NO_2	Grid (41_48)	50	12	-	20	-
	Grid (41_49)	44	10	-	18	-
	AQOs	**200 (18)**[5]	**40**	N/A	**120 (9)**	N/A
SO_2	Grid (41_48)	-	-	21	7	-
	Grid (41_49)	-	-	25	7	-
	AQOs	N/A	N/A	**500 (3)**	**40 (3)**	N/A
RSP	Grid (41_48)	-	20	-	51	-
	Grid (41_49)	-	20	-	51	-
	AQOs	N/A	**30**	N/A	**75 (9)**	N/A
FSP	Grid (41_48)	-	12	-	30	-
	Grid (41_49)	-	12	-	30	-
	AQOs	N/A	**15**	N/A	**37.5 (18)**	N/A
O_3	Grid (41_48)	**-**	**122**	-	-	**173**
	Grid (41_49)	**-**	**121**	-	-	**169**
	AQOs	N/A	**100**	N/A	N/A	**160 (9)**

Notes:

[1] 19th highest 1-hour concentration of NO_2

[2] 4th highest 10-minute concentration of SO_2

[3] 10th highest 24-hour concentration of NO_2; 4th highest 24-hour concentration of SO_2; 10th highest 24-hour concentration of RSP; 19th highest 24-hour concentration of FSP

[4] 10th highest 8-hour concentration of O^3.

[5] Values in ( ) mean the number of exceedances allowed.

[6] Underlined and **bold** values mean exceedance of the AQOs.

6 EXISTING AIR SENSITIVE RECEIVERS

6.1 In accordance with Annex 12 of the TM-EIAO, Air Sensitive Receivers (ASRs) include any domestic premises, hotel, hostel, hospital, clinic, nursery, temporary housing accommodation, school, educational institution, office, factory, shop, shopping centre, place of public worship, library, court of law, sports stadium or performing arts centre. Any other premises or places with which, in terms of duration or number of people affected, have a similar sensitivity to the air pollutant as the aforelisted premises and places would also be considered as a sensitive receiver.

6.2 Existing ASRs were identified by means of reviewing topographic maps, aerial photos and supplemented by site inspection. They mainly include developed residential buildings. The identified representative ASRs are summarised in Table 6.1 and illustrated in Figure 1b.

Table 6.1 Identified Representative ASRs

ASR ID	Description	Existing Land Status	Distance from the Proposed Development	Number of Storeys
A01	Mont Vert	Residential	70m	19 – 28
A02	Fung Mei Wai village houses	Residential	20m	2 – 3
A03	Kam Fung Terrace village houses	Residential	15m	3
A04	Case Papillon village houses	Residential	5m	3
A05	Mak Uk village houses	Residential	130m	2 – 3
A06	Fung Yuen Lo Tsuen village houses	Residential	230m	2 – 3

7 REPRENTATIVE AIR SENSITIVE RECEIVERS DURING OPERATION PHASE

7.1 Representative ASRs as shown in Figure 2 are selected to assess the air quality at the residential units and determine the appropriate fresh air intake locations for the social welfare complex, commercial & public vehicle park, clubhouse and lobby of the proposed Development.

7.2 Assessment heights of ASRs are assigned from the ground floor to the top floor including the fresh air intake locations on G/F.

7.3 Details of the assessment points are summarised in Table 7.1 below.

Table 7.1 Details of Assessment Points for Air Quality Assessment

Tower	Storeys	Assessment Points	Floors	Flagpole Height (mAG)
Tower 1	**28 storeys**	ASR 1 ASR 2 ASR 3	G/F 1/F – 5/F 10/F 20/F 27/F	1.5 9.7 – 21.6 36.5 66.2 87.1
Tower 2	**24 storeys**	ASR 4 ASR 5	G/F 1/F – 5/F 10/F 20/F 23/F	1.5 9.7 – 21.6 36.5 66.2 75.2
Tower 3	**28 storeys**	ASR 6 ASR 7 ASR 8	G/F 1/F – 5/F 10/F 20/F 27/F	1.5 9.7 – 21.6 36.5 66.2 87.1
Tower 4	**29 storeys**	ASR 9 ASR 10 ASR 11	G/F 1/F – 5/F 10/F 20/F 28/F	1.5 9.7 – 21.6 36.5 66.2 90.0
Tower 5	**28 storeys**	ASR 12 ASR 13	G/F 1/F – 5/F 10/F 20/F 27/F	1.5 11.2 – 23.1 38.0 67.7 88.6
Tower 6	**28 storeys**	ASR 14 ASR 15	G/F 1/F – 5/F 10/F 20/F 27/F	1.5 11.2 – 23.1 38.0 67.7 88.6
Tower 7	**30 storeys**	ASR 16 ASR 17 ASR 18	1/F 2/F – 5/F 10/F 20/F 30/F	1.5 6.7 – 15.6 30.5 60.3 90.0
Clubhouse	**3 storeys**	ASR 19 ASR 20	G/F 1/F 2/F	1.5, 5 6.5 11.5
Commercial & Public Vehicle Park	**2 storeys**	ASR 21 ASR 22	G/F 1/F	1.5, 3.5 5
Social Welfare Complex	**8 storeys**	ASR 23 ASR 24	G/F 1/F– 7/F	1.5 5.4 – 28.8

8 AIR QUALITY IMPACT ASSESSMENT METHODOLOGY

PATH-v3.0

8.1 Hourly meteorological data for a full year are extracted from PATH-v3.0, with meteorology data of Year 2019 at Grid (41_48) and Grid (41_49). The lowest and the highest mixing heights are capped at 119m and 2009m respectively to align with the real meteorological data recorded by the Hong Kong Observatory in Year 2019. Hourly wind speeds lower than 0.5m/s (i.e. calm wind condition) are corrected to 0.5m/s.

8.2 The hourly background concentrations of NO_2, RSP, FSP and SO_2 in year 2030 are extracted from the PATH-v3.0 to predict the total air quality concentrations at ASRs.

Computer Modeling for Air Quality

8.3 The dispersions of NO_2, RSP, FSP and SO_2 were modeled using AERMOD software to predict both concentration and deposition of pollutants from point and line sources. The model is based on the principle of Gaussian dispersion.

8.4 Landuse types surrounding the Development Site have to be identified to determine Albedo, Bowen ratio and surface roughness for AERMET setup. According to "AERMOD Implementation Guide" (revised in October 2023) released by USEPA, Albedo and Bowen ratio is determined with the use of 10km by 10km region while surface roughness is determined by a circle in 1km radius. The Albedo, Bowen ratio, surface roughness and their resulting Surface File and Profile File for use in AERMOD are generated by EPD's Smart Air Modelling Platform (SAMP-v2.1)[3] and provided in Appendix 3.

Source Description and Emission Inventory

8.5 Emissions from chimneys and open roads are assessed. Table 8.1 shows a summary of the emission sources and the associated air pollutants of concern.

Table 8.1 Summary of Emission Sources

Sources	NO_x/NO_2	RSP	FSP	SO_2
Chimneys in Tai Po Industrial Estate	Yes	Yes	Yes	Yes
Chimneys in Hospitals (Towngas boilers)	Yes	Yes	Yes	No
Chimney in Hospital (CHP plant)	Yes	Yes	Yes	Yes
Open Roads	Yes	Yes	Yes	No

Ozone Limiting Method for Cumulative NO_2 Assessment

8.6 For cumulative 1-hour average NO_2 assessment, Ozone Limiting Method (OLM) is adopted for the conversion of Nitrogen Oxides (NO_x) to NO_2, using the predicted O_3 levels from the PATH-v3.0 model. To determine industrial emission impacts, a conservative 10% of initial NO_x can be assumed to be NO_2, which is referenced from the percentage of industrial coal and shipping respectively in table 4.5 of the Heathrow Airport EIA report[4]. The 1-hour average NO_2/NO_x conversion was calculated as follows:

$$[NO_2]_{predicted} = [NO_2]_{vehicular} + 0.1 \times [NO_x]_{chimney} + MIN \{[NO]_{vehicular} + 0.9 \times [NO_x]_{chimney}, \text{ or } (46/48) \times [O_3]_{bkgd}\}$$

where

$[NO_2]_{predicted}$	is the predicted NO_2 concentration
$[NO_2]_{vehicular}$	is the initial NO_2 concentration from vehicular emissions
$[NO]_{vehicular}$	is the initial NO concentration from vehicular emissions
$[NO_x]_{chimney}$	is the initial NO_x concentration from marine emissions
MIN	means the minimum of the two values within the brackets
$[O_3]_{bkgd}$	is the representative O_3 background concentration
(46/48)	is the molecular weight of NO_2 divided by the molecular weight of O_3

Jenkin Method for Cumulative Annual Average NO_2 Assessment

8.7 For cumulative annual average NO_2 assessment, an alternative method of Jenkin Method is adopted for the conversion of NO_x to NO_2. With reference to "Review of Methods for NO to NO_2 Conversion in Plumes at Short Ranges" published by Environment Agency of UK in 2007[5], the annual NO_2 concentrations can be estimated by adopting Jenkin Method with the derived project-specific empirical relationship of NO_x to NO_2 and the latest available representative data from EPD's AQMS. The empirical relationship can be described by selected monitoring data of annual average NO_2 & NO_x concentrations and fitted curve. The annual average NO_2 concentration can then be determined from the functional form curve by using the total annual average NO_x concentrations. The functional form is presented as follows:

$$[NO_2] = \{([NO_x] + [O_x] + J/k) - \sqrt{}(([NO_x] + [O_x] + J/k)^2 - 4 \times [NO_x] \times [O_x])\} / 2$$

where

$[NO_2]$	is the annual average NO_2 concentration
$[NO_x]$	is the annual average NO_x concentration
$[O_x]$	is the sum of annual average NO_2 concentration and annual average O_3 concentration
J	is the photolysis rate of NO_2
k	is the rate coefficient for the reaction between NO and O_3

8.8 The empirical relationship and the fitted functional form curve are derived and generated by the SAMP-v2.1 as illustrated in Appendix 5, which analyzing the recent 5 years (i.e. 2019 – 2023) annual mean data from relevant EPD's AQMS (i.e. Tai Po general station, Tap Mun general station and Mong Kok roadside station). The annual average NO_2/NO_x conversion is calculated as follows:

$$[NO_2]_{predicted} = \{([NO_x]_{predicted} + 95.6 + 17.1) - \sqrt{(([NO_x]_{predicted} + 95.6 + 17.1)^2 - 4 \times [NO_x]_{predicted} \times 94.8)}\} / 2$$

where

$[NO_2]_{predicted}$ is the predicted annual average NO_2 concentration

$[NO_x]_{predicted}$ is the predicted annual average NO_x concentration

Conversion Factor for 10-minute SO_2 Concentration

8.9 For SO_2, there is no 10-minute average SO_2 concentration available in PATH model. According to EPD's *"Guidelines on the Estimation of 10-minute average SO_2 concentration for Air Quality Assessment in Hong Kong"*, conversion factors from hourly SO_2 concentration to 10-minute average SO_2 concentration based on the stability class-dependent multiplicative factors have been adopted. They are given in Table 8.2 below.

Table 8.2 Conversion Factor for 10-minuite Average SO_2 Concentration

Stability Class	A	B	C	D	E	F
Conversion Factor	2.45	2.45	1.82	1.43	1.35	1.35

9 INDUSTRIAL CHIMNEY EMISSIONS ASSESSMENT

Industrial Chimneys in Tai Po Industrial Estate

9.1 According to the EIA report "Upgrading of Tai Po Sewage Treatment Works"[6], a total of 12 chimneys were located in Tai Po Industrial Estate, which within a 500m assessment area of the proposed Development. Site surveys have been conducted to validate the chimney locations (Appendix 2). The recent site survey revealed that 1 industrial chimney was removed (Plate 7 in Appendix 2), 11 of the identified chimneys still exist. For conservative, all the 12 identified chimneys have been included in the assessment. The locations of chimneys are indicated in Figure 3.

9.2 The emission parameters of the chimneys such as emission rate, exit temperature, exit velocity and internal diameter are referenced to the EIA report.

Industrial Chimneys in Hospitals

9.3 4 industrial chimneys in Tai Po Hospital and 3 industrial chimneys (2 towngas boilers and 1 combined heat and power (CHP) plant) in Alice Ho Miu Ling Nethersole Hospital were identified. Written requests for the chimney information were made to the hospitals. The Hospital Authority has replied regarding the information of the CHP (Appendix 11). However, no information regarding the remaining chimneys were received.

9.4 Therefore, the location and height of the chimneys are based on site observation. The exit velocities and internal diameter are referenced to the EIA Report "Housing Site in Yuen Long South"[7].

9.5 In the light of minimal amounts of SO_2 emission from towngas boilers, no SO_2 emission from these boilers are assumed. In addition, the latest 5-year average of the SO_2 concentration in Tai Po and the predicted PATH background in 2030 at the Project Area as shown in Tables 5.1 and 5.2 respectively demonstrated that the cumulative results are unlikely to exceed the prevailing AQOs and hence the SO_2 emission from towngas boilers are not quantitatively assessed in the model. Therefore, adverse impact of SO_2 emission from towngas boilers is not anticipated.

9.6 A CHP plant has commenced operation at Alice Ho Miu Ling Nethersole Hospital in 2017, it utilizes landfill gas to generate electricity and supply steam and hot water at the same time for various hospital facilities. Detailed calculation of the emission rate for the CHP is provided in Appendix 4. Since the operators did not provide any information, the exit velocity and temperature of the chimney from CHP plant are assumed to be 7m/s and 333K respectively. The internal diameter is referenced to the CHP stacks of the EIA Report "Yuen Long Effluent Polishing Plant"[8].

Industrial Chimneys in Wo Hop Shek Crematorium

9.7 The major source of Wo Hop Shek Crematorium is located at 3.9km northwest of the proposed Development. By considering the relatively tall terrain and no direct line of sight between the chimneys at Wo Hop Shek Crematorium and the proposed Development, no direct impact due to the Wo Hop Shek Crematorium to the proposed Development is anticipated.

Industrial Chimney in the Proposed Development

9.8 As mentioned in Section 2.2, the proposed Development only comprises retail and public vehicle park and 7 residential blocks on Area (A) and a social welfare complex on Area (B), which there will be no industrial activities and no chimney emission from the proposed Development is anticipated.

10 OPEN ROADS EMISSIONS

10.1 Air pollutant concentration at the proposed Development due to the emission from the nearby road networks (vehicular emissions) is assessed. The emission rates of all roads within 500m from the proposed Development are generated and calculated from the SAMP-v2.1, which is embedded with the latest EMFAC-HK version 4.3 issued by EPD[9]. Based on the emission rates of all roads, the air pollutant concentrations at the proposed Development are modeled with AERMOD.

Assessment Year

10.2 Vehicular emission impact should assess the worst scenario of the future road traffic within 15 years from full population intake according to the vehicular tailpipe emissions calculated from EMFAC-HK v4.3. Traffic forecast for Year 2045 with emission factors of Year 2030 are adopted as the worst assessment scenario within 15 years after the first intake year of the proposed Development.

Traffic Data

10.3 Vehicular emissions from the surrounding roads affecting the project site within assessment area are considered. The 500m assessment area from the project site is illustrated in Figure 3. The computer plot of the simulation model for the vehicular emission assessment is presented in Figure 4. The 2045 traffic forecast is provided in Appendix 6.

10.4 The traffic data predicted by the project traffic consultant, CTA Consultants Ltd., includes hourly traffic flow with a composition of 18 vehicle classes according to "Guideline on Modelling Vehicle Emissions" [10] as shown in Table 10.1 below.

Table 10.1 Vehicle Classification in EMFAC-HK Model

Vehicle Class	Description	Gross Vehicle Weight
PC	Private Cars	All
Taxi	Taxi	All
LGV3	Light Goods Vehicles (<=2.5t)	<=2.5t
LGV4	Light Goods Vehicles (2.5 – 3.5t)	>2.5 – 3.5t
LGV6	Light Goods Vehicles (3.5 – 5.5t)	>3.5 – 5.5t
HGV7	Medium & Heavy Goods Vehicles (5.5 – 15t)	>5.5 – 15t
HGV8	Medium & Heavy Goods Vehicles (15 – 24t)	>15-24t
PLB	Public Light Buses	All
PV4	Private Light Buses (<=3.5t)	<=3.5t
PV5	Private Light Buses (>3.5t)	>3.5t
NFB6	Non-franchised Buses (<6.4t)	<=6.36t
NFB7	Non-franchised Buses (6.4 – 15t)	>6.36 – 15t
NFB8	Non-franchised Buses (15 – 24t)	>15t-24t
FBSD	Single Deck Franchised Buses	All
FBDD	Double Deck Franchised Buses	All
MC	Motor Cycles	All
HGV9	Heavy Goods Vehicles (>24t)	>24t
NFB9	Non-franchised Buses (>24t)	>24t

10.5 The estimated 18-classes distribution as defined in EMFAC-HK was derived by sectoring the relevant classes in the Transport Department's Annual Traffic Census record or vehicle distribution obtained from manual traffic count surveys, in proportion to the recorded distribution in EPD document: "2018 Vehicle Licensed Number by Age and Technology Group Fraction" [11].

Road Assumption

10.6 Start emissions from all the concerned vehicles classes are assumed at all roads within 500m assessment area by broad-brush approach. For calculations of start emissions by the broad-brush approach, start emissions for each vehicle class are assumed directly proportional to Trips per Vehicle-kilometer-travelled ratio (Trip/VKT) with consideration of the proportion of local and rural roads within Hong Kong based on the Annual Traffic Census (ATC) prepared by the Transport Department (TD). For SAMP v2.1, default trip and VKT values from EMFAC-HK model v4.3 are used in the calculations. In this assessment, the estimated % of VKT for local and rural roads with possible starting emission is ~21.8% of total VKT, which is calculated by raw data of ATC 2023 provided by TD. The start profile and calculation of proportion of local and rural roads are provided in Appendix 7.

10.7 KMB Bus Depot, MTR Bus Depot and the public transport interchange (PTI) at Fu Tip Estate are located within 500m assessment area of proposed Development, with separation distance of 150m, 290m and 330m to the ASRs of the proposed Development respectively. Considering the identified depots and PTI are not located in close proximity to the ASRs of the proposed Development, while start emissions from all concerned vehicles classes are assumed at all roads within 500m assessment area by broad-brush approach, that the result generated from the method adopted are on a conservative side and would not underestimate the actual impact at the proposed Development from start emission that would actually be emitted at its exact locations.

10.8 For the proposed commercial public vehicle park located within the proposed Development, no detailed design is available at this stage. Given that the induced traffic due to the proposed commercial public vehicle park has already been considered in the Traffic Data and start emission from all vehicle types has already been included for its connecting road (i.e. Fung Yuen Road), significant start emission at the proposed commercial public vehicle park is not anticipated and it would not underestimate the impact from proposed commercial public vehicle park.

Speed

10.9 The hourly average road speed of each road link is provided by the project traffic consultant (Appendix 6) and has been inputted to the SAMP-v2.1.

Temperature and Humidity

10.10 The annual hourly minimum temperature and relative humidity extracted from PATH v3.0 are adopted in the assessment and provided in Appendix 10.

Zero Emission Vehicle Scenario

10.11 With consideration of increasing number of electric vehicles in Hong Kong, the zero emission vehicle scenario is adopted in SAMP-v2.1 for the generation of vehicular emission rate.

Vehicular Emission Rate

10.12 The vehicular emission rates (in g/s-m^2) of all roads within the 500m assessment area are calculated and generated by the SAMP-v2.1 based on the above-mentioned assumptions, adjustments and input data. The emission rates without any further adjustment are then modeled as line sources in AERMOD. Summary of the emission rates generated by the SAMP-v2.1 are provided in Appendix 9.

SO_2 Concentration due to Vehicular Emission

10.13 SO_2 is formed primarily from the combustion of sulphur-containing fossil fuels. SO_2 emission from vehicular exhaust is due to the sulphur content in diesel oil. As from 1 July 2010, EPD has tightened the statutory motor vehicle diesel and unleaded petrol specifications to Euro V level, which further tightens the cap on sulphur content from 0.005% to 0.001%.

10.14 Road traffic therefore contributes to only a very small amount of SO_2 emission, relatively low measured concentrations. With the adoption of low-sulphur and ultra-low-sulphur fuel under the existing Government policy, SO_2 would not be a critical air pollutant of concern in the air impact assessment for road traffic.

Potential Vehicular Impact Caused by The Proposed Development

10.15 The proposed Development will not have implication for the road design capacity for the adjoining road. The road design capacity in the vicinity is adequate and will not have traffic congestion. Therefore, adverse vehicular emission impact from the proposed Development is not anticipated.

11 ASSESSMENT RESULTS

11.1 The predicted air quality concentrations from surrounding vehicular and industrial emissions have been quantitatively assessed separately for NO_2, RSP, FSP and SO_2.

11.2 A summary of the predicted results of NO_2, RSP, FSP and SO_2 at all predetermined ASRs are presented in Table 11.1. The contour plots are presented in Figures 6a – 6i for the worst affected level (i.e. ground floor, 1.5 mAG).

11.3 For contour plots, the assessment points used for generating the contour plots is provided in Figure 5.

Predicted NO_2 Results

11.4 The predicted results of the 19th highest 1-hour average, 10th highest 24-hours average and annual average NO_2 concentration at all selected ASR levels are summarised in Appendix 10. The results indicate that NO_2 concentrations at all locations of the proposed Development comply with the relevant AQOs.

Predicted SO_2 Results

11.5 The predicted results of the 4th highest 10-minute and 4th highest 24-hours average SO_2 concentration at all selected ASR levels are summarised in Appendix 10. The results indicate that SO_2 concentrations at all locations of the proposed Development comply with the relevant AQOs

Predicted RSP Results

11.6 The predicted results of the 10th highest 24-hours average and annual average RSP concentration at all selected ASR levels are summarised in Appendix 10. The results indicate that RSP concentrations at all locations of the proposed Development comply with the relevant AQOs.

Predicted FSP Results

11.7 The predicted results of the 19th highest 24-hours average and annual average FSP concentration at all selected ASR levels are summarised in Appendix 10. The results indicate that FSP concentrations at all locations of the proposed Development comply with the relevant AQOs.

Table 11.1 Summary of Predicted Cumulative Concentration

Pollutant	Cumulative Concentration ($\mu g/m^3$)		AQO ($\mu g/m^3$)
NO_2	19th highest, 1-hour average	44.4 – 123.1	200
	10th highest, 24-hours average	18.8 – 47.2	120
	Annual	9.9 – 27.8	40
RSP	10th highest, 24-hours average	51 – 51.9	75
	Annual	19.9 – 20.6	30
FSP	19th highest, 24-hours average	30.3 – 30.8	37.5
	Annual	12.3 – 13	15
SO_2	4th highest, 10-minute average	21.4 – 24.6	500
	4th highest, 24-hours average	6.7 – 6.8	40

12 MITIGATION MEASURES FOR CONSTRUCTION WORK

Identification of Pollutant Sources

12.1 Construction Dust is the key pollutant during the construction phase of the proposed Development. The major construction activities of the proposed Development include substructure, superstructure and basement construction. With the implementation of dust suppression measures and good site management, adverse construction dust impact is not anticipated.

Emission from Fuel Combustion Equipment

12.2 Apart from the dust impact during construction phase, there will be exhaust emissions from the construction plants and machineries. Requirements stipulated in the Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation and Air Pollution Control (Fuel Restriction) Regulations (i.e. using liquid fuel with a Sulphur content of less than 0.001% by weight) will be complied with to minimise the exhaust emissions from non-road mobile machineries and construction vehicles. The scale of the project is relatively small, the number of construction plants will be limited.

Recommended Construction Best Practices

12.3 The Contractor is recommended to follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation. It stipulates the construction dust control requirements for both Notifiable and Regulatory Works to be carried out by the Contractor. The following dust suppression measures should be incorporated by the Contractor to control the dust nuisance throughout the construction phase:-

- Any excavated or stockpile of dusty material should be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading;
- Any dusty material remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads;
- A stockpile of dusty material should not extend beyond the pedestrian barriers, fencing or traffic cones;
- The load of dusty materials on vehicles leaving a construction site should be covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle;

- Where practicable, vehicles washing facilities including a high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores;

- When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period;

- The portion of any road leading only to construction site that is within 30m of a vehicle entrance or exit should be kept clear of dusty materials;

- Surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation take place should be sprayed with water or a dust suppression chemical continuously;

- Any area that involves demolition activities should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet;

- Where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the ground level of the building, or a canopy should be provided from the first floor level up to the highest level of the scaffolding;

- Any skip hoist for material transport should be totally enclosed by impervious sheeting;

- Every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the three sides;

- Immediately before leaving a construction site, all vehicles shall be washed to remove any dusty materials from its body and wheels;

- Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed;

- Exposed earth should be properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shortcrete or other suitable surface stabilizer within six months after the last construction activity on the construction site or part of the construction site where the exposed earth lies;

- Use of regular watering to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather;
- Use of frequent watering for particularly dusty construction areas and areas close to ASRs;
- Avoid dusty works or placing stockpile near ASRs;
- Adopt site hoarding at sufficient height close to the near ASRs;
- Locate the haul road away from the near ASRs;
- Avoid dusty works or placing stockpiles near to those ASRs in the vicinity; and
- Minimization of unpaved, exposed earth by immediate covering / permanent paving as soon as the works have been completed.

13 ODOUR IMPACT DUE TO ON-SITE AND NEARBY SEWAGE TREATMENT PLANT

13.1 The proposed Sewage Treatment Plant (STP) is located at basement level underneath T2 of the proposed Development and within an enclosed building structure.

13.2 The design of the STP will be reviewed during detailed design stage to ensure no adverse odour impact would be imposed on any nearby ASRs, the Environmental Consideration specified in EPD Guidelines for the Design of Small Sewage Treatment Plants for minimization of the odour impact from the proposed STP will be observed and followed while the exhaust outlet of the proposed STP will be located away from all nearby ASRs as far as possible. Moreover, a high-efficiency deodorizer (with at least 99.5% odour removal efficiency) with a forced ventilation system will also be installed at the STP building to remove odour before discharge into open air.

13.3 With proper deodorization at the exhaust outlet, adverse air quality impact due to the proposed STP is not anticipated

13.4 Apart from the proposed STP, an existing Tin Sam Sewage Pumping Station (TSSPS) is located within the site boundary of Area (B). Although odour was not detected during site inspections, the fresh air intake and the proposed openable windows of the RCHE in Area (B) will be located away from the TSSPS as far as possible and in a direction facing away from the TSSPS (i.e northward or eastward), in order to mitigate the potential odour nuisance from the TSSPS.

14 AIR QUALITY IMPACT DUE TO CARPARK OF THE PROPOSED DEVELOPMENT

14.1 The detailed design of the proposed carparks (including the basement carparks and the commercial and public vehicle park) are not available at this stage. The proposed carparks would satisfy the requirements, including design, maintenance and operation of the ventilation systems, stipulated in the "ProPECC PN 2/96 – Control of Air Pollution in Car Park" [12]. The exhaust air from the carpark would be discharged to the atmosphere with proper mitigation treatments in such a manner and at a location not to result in any air nuisance to occupants in the proposed Development and to the neighboring building and to the public. Hence, adverse air quality impact due to the proposed carpark is not anticipated.

15 CONCLUSION

15.1 Site inspections have been conducted to identify the possible air pollution sources in the neighbourhood of the proposed Development.

15.2 The major air pollution sources that may have an impact on the proposed Development have been identified as the chimney emissions and the vehicular emissions in the neighbourhood. Computation has been performed by employing the AERMOD software.

15.3 For vehicular and industrial chimney assessments, NO_2, RSP, FSP and SO_2 have been predicted.

15.4 The cumulative concentrations of NO_2, RSP, FSP and SO_2 are within the stipulated HKAQO limits.

15.5 Control requirements in the Air Pollution Control (Construction Dust) Regulation, Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation and Air Pollution Control (Fuel Restriction) Regulations will be complied with. Relevant mitigation measures will be implemented accordingly. Under such circumstances, no adverse air quality impacts in association with the proposed Development during construction phase are anticipated.

16 REFERENCES

[1] Planning Department, "Hong Kong Planning Standards & Guidelines" (Chapter 9), March 2014

[2] EPD, PATH-v3.0, in January 2024

[3] EPD, SAMP-v2.1, in January 2025

[4] Heathrow Airport EIA Report, dated 15 November 2007, by Cambridge Environmental Research Consultants

[5] Review of Methods for NO to NO_2 Conversion in Plumes at Short Ranges, Environment Agency of UK, 2007

[6] EIA report “Upgrading of Tai Po Sewage Treatment Works”, AEIAR-244/2022

[7] EIA Report “Housing Site in Yuen Long South”, AEIAR-215/2017

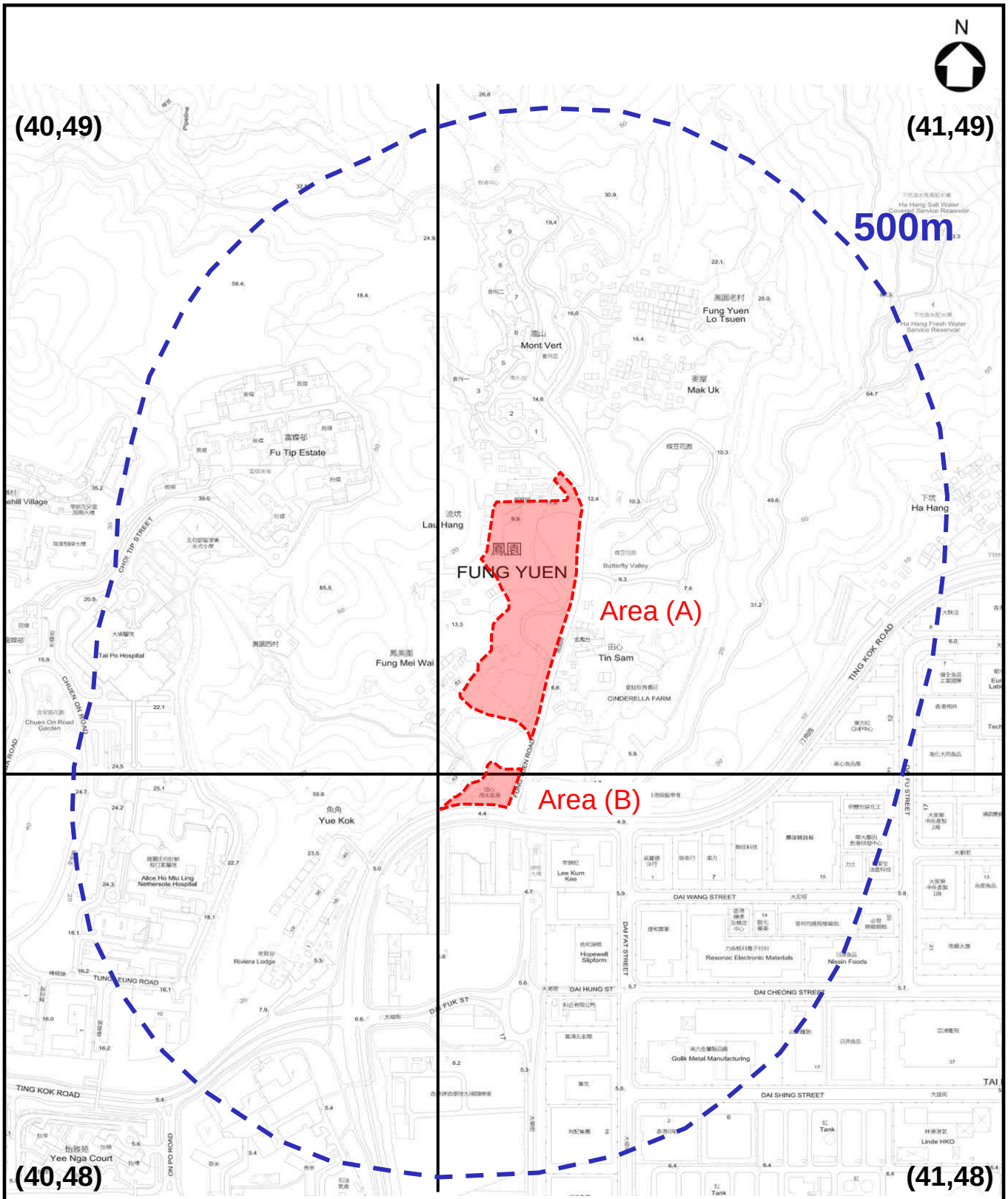
[8] EIA Report “Yuen Long Effluent Polishing Plant”, AEIAR-220/2019

[9] EPD, EMFAC-HK Model Version 4.3, dated January 2021

[10] EPD, “Guideline on Modelling Vehicle Emissions”, dated January 2021

[11] EPD, “2018 Licensed Vehicle by Age and Technology Group Fractions”, dated January 2021

[12] PN 2/96 “Control of Air Pollution in Car Park” of the Environmental Protection Department



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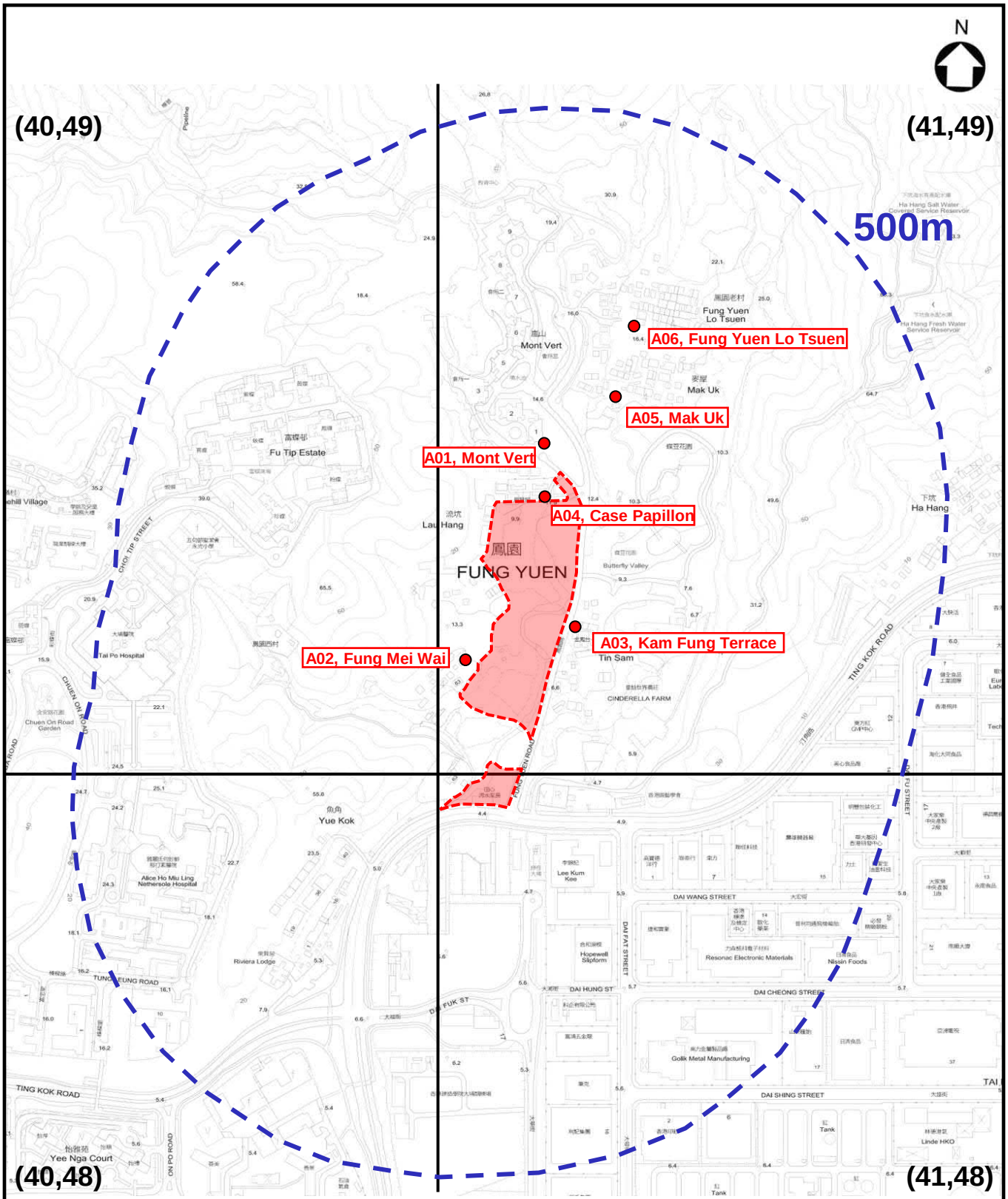
The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Site Location**	**1a**



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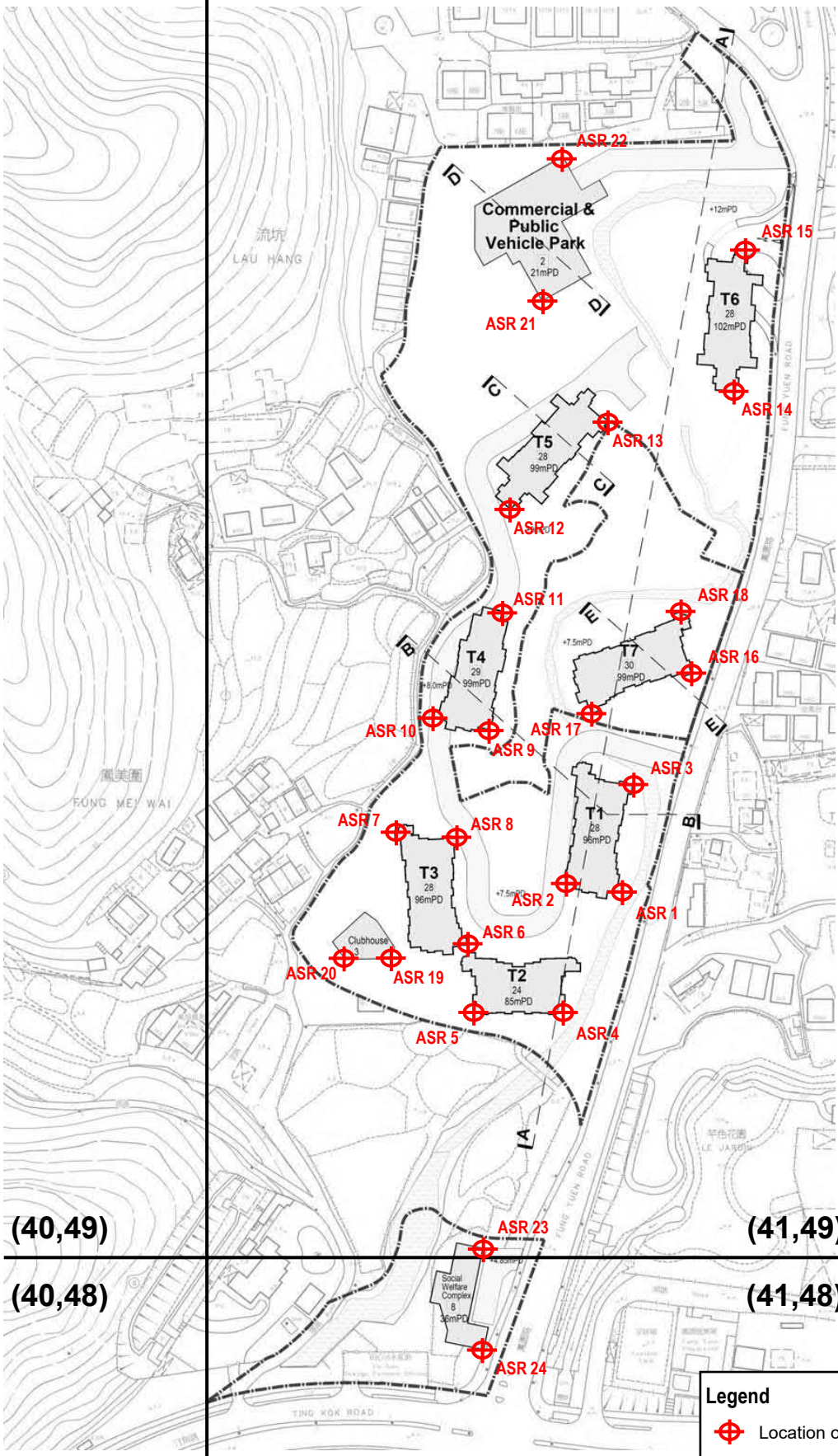
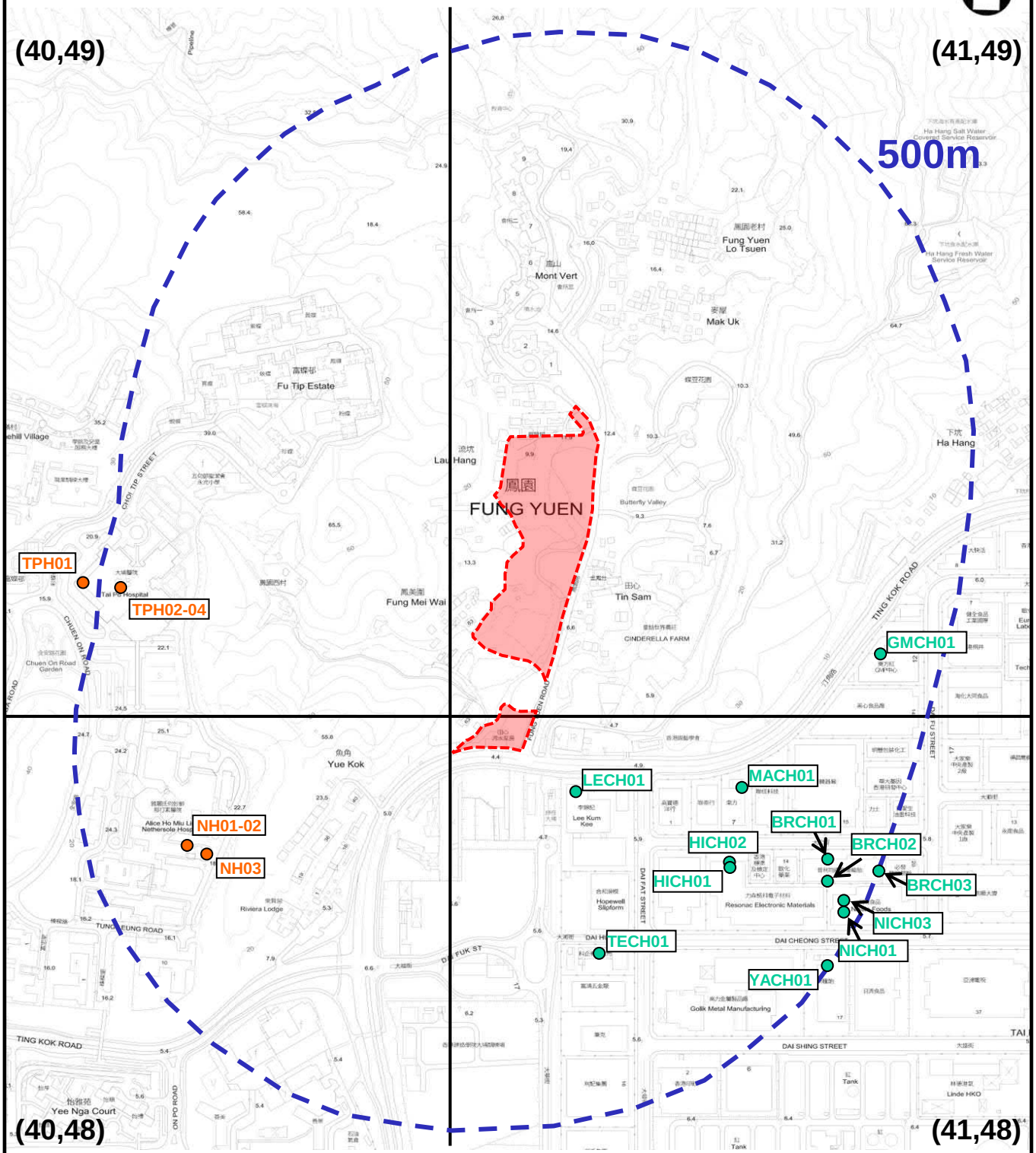
The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Identified Nearby ASRs of the Proposed Development**	**1b**



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Location of Air Assessment Points**	**2**



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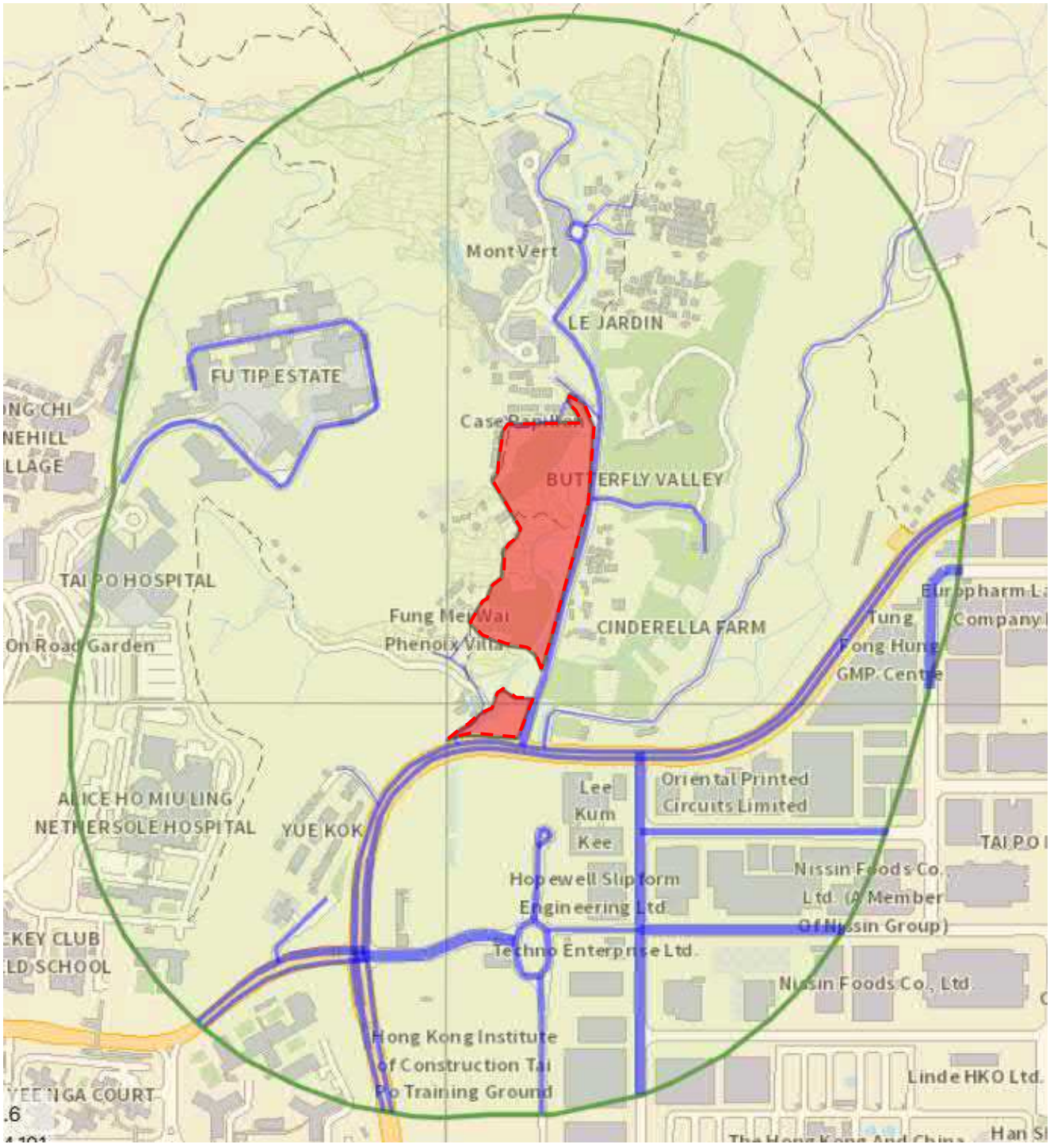
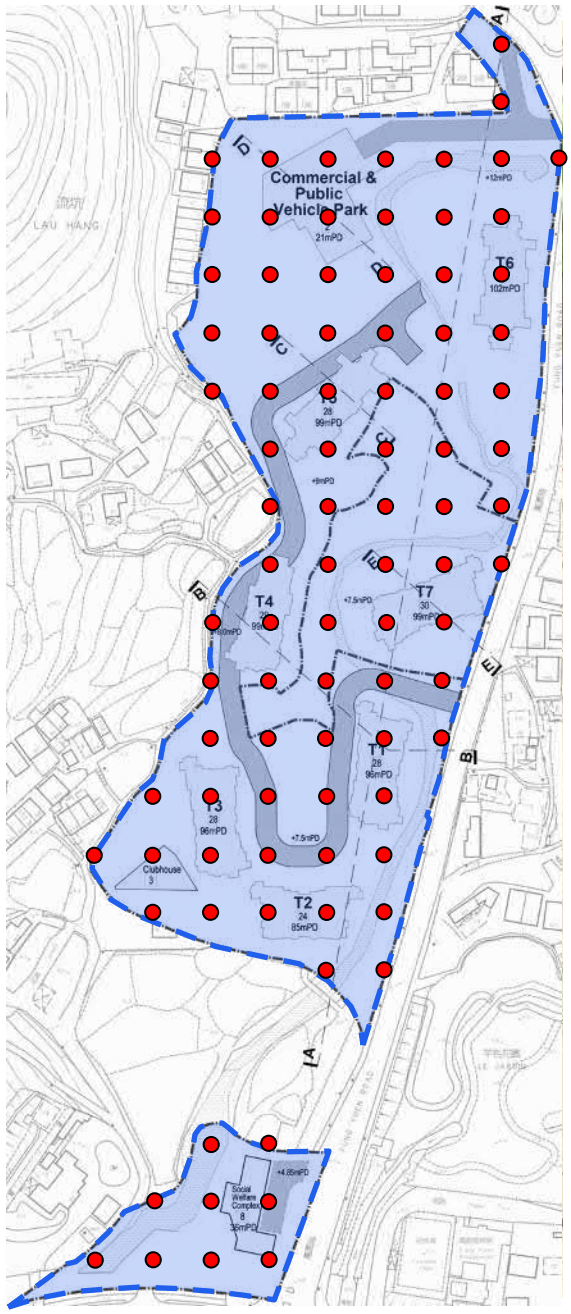
- Location of Chimney within Tai Po Industrial Estate (Chimney No. refer to Table A4.2 in Appendix 4)
- Location of Chimney in Hospitals (Chimney No. refer to Table A4.1 in Appendix 4)

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Location of Emission Sources**	**3**



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Computer Plot of Road Scheme (extracted from SAMP v2.1)**	**4**

N



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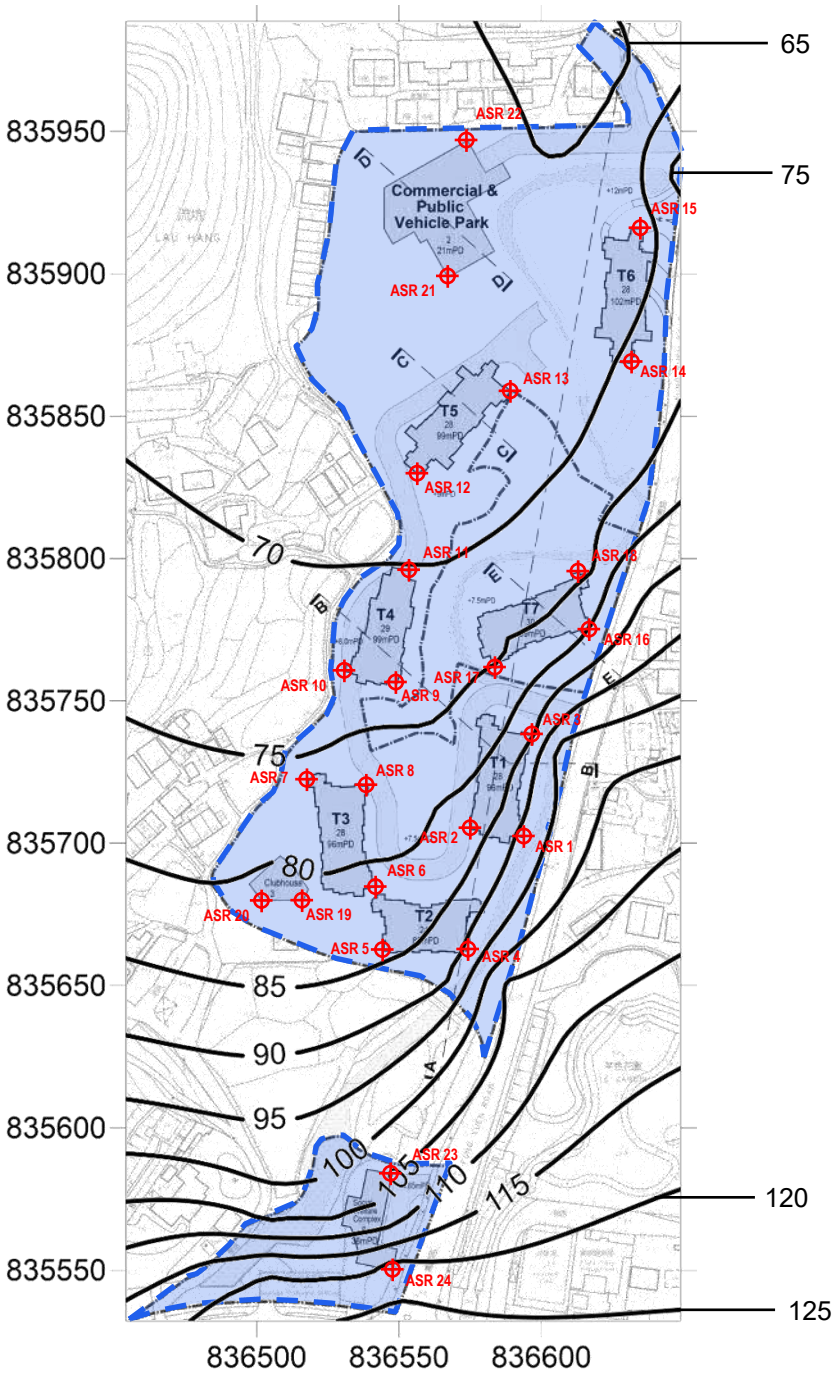
The Development Site

Assessment Points for Contour Plotting

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Assessment Points for Contour Plotting**	**5**



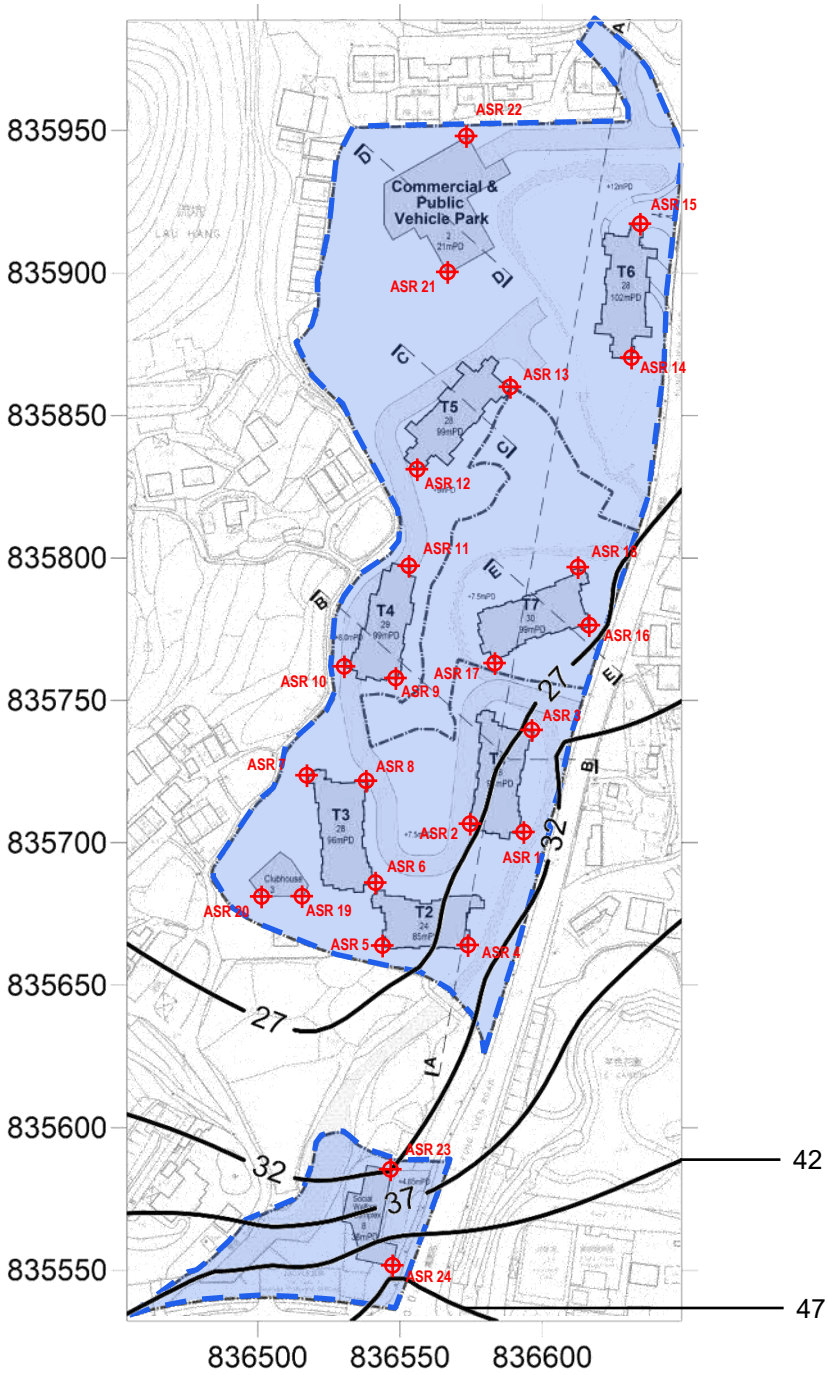
Notes: 1) The HKAQO limit for 1-hr average NO_2 is 200ug/m^3

2) The contour plot refers to the 19th highest 1-hr average NO_2 concentration

Legend

The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Predicted 19th Highest 1-hr Average NO_2 Concentrations at 1.5 mAG, Cumulative Concentration** (in ug/m^3)	**6a**



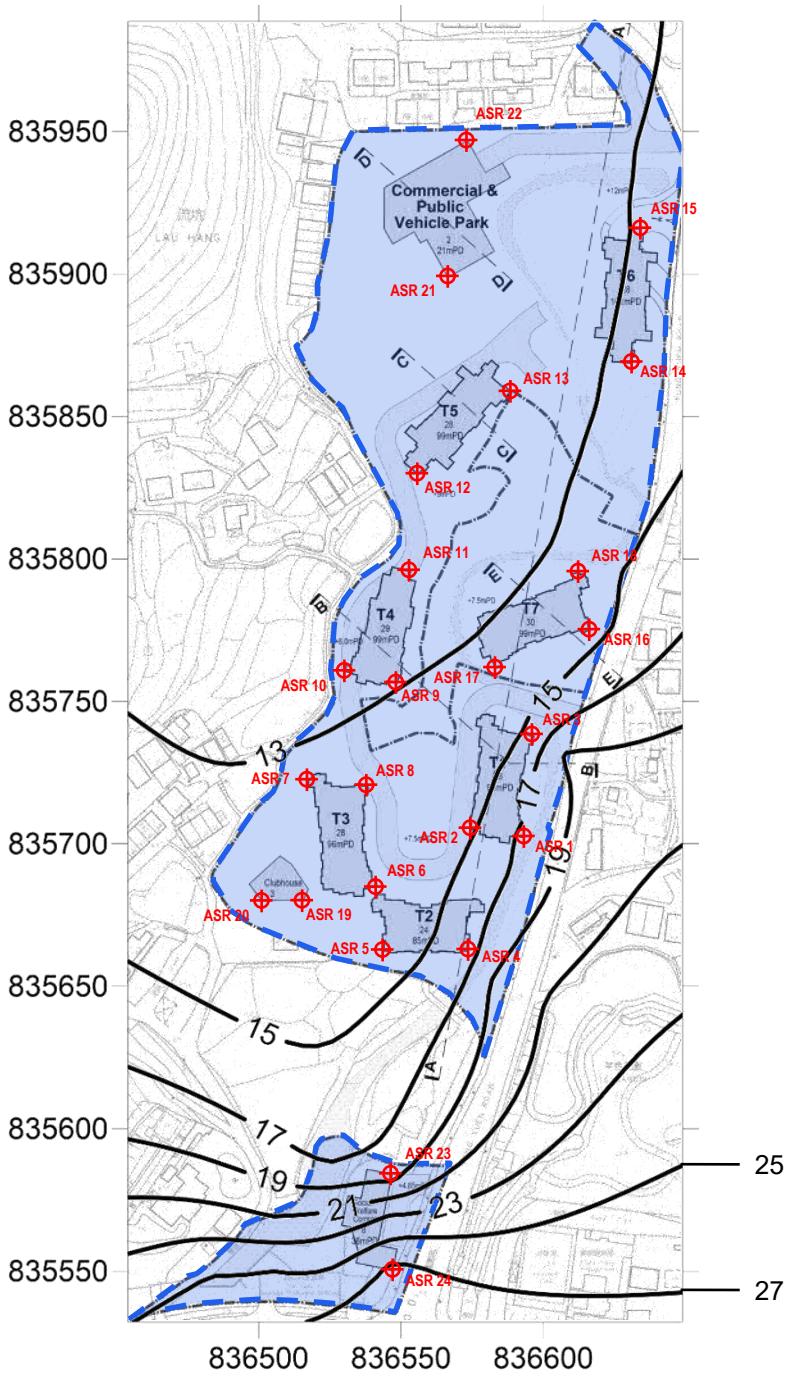
Notes: 1) The HKAQO limit for 24-hr average NO_2 is 120ug/m^3

2) The contour plot refers to the 10th highest 24-hr average NO_2 concentration

Legend

The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Predicted 10th Highest 24-hr Average NO_2 Concentrations at 1.5 mAG, Cumulative Concentration** (in ug/m^3)	**6b**

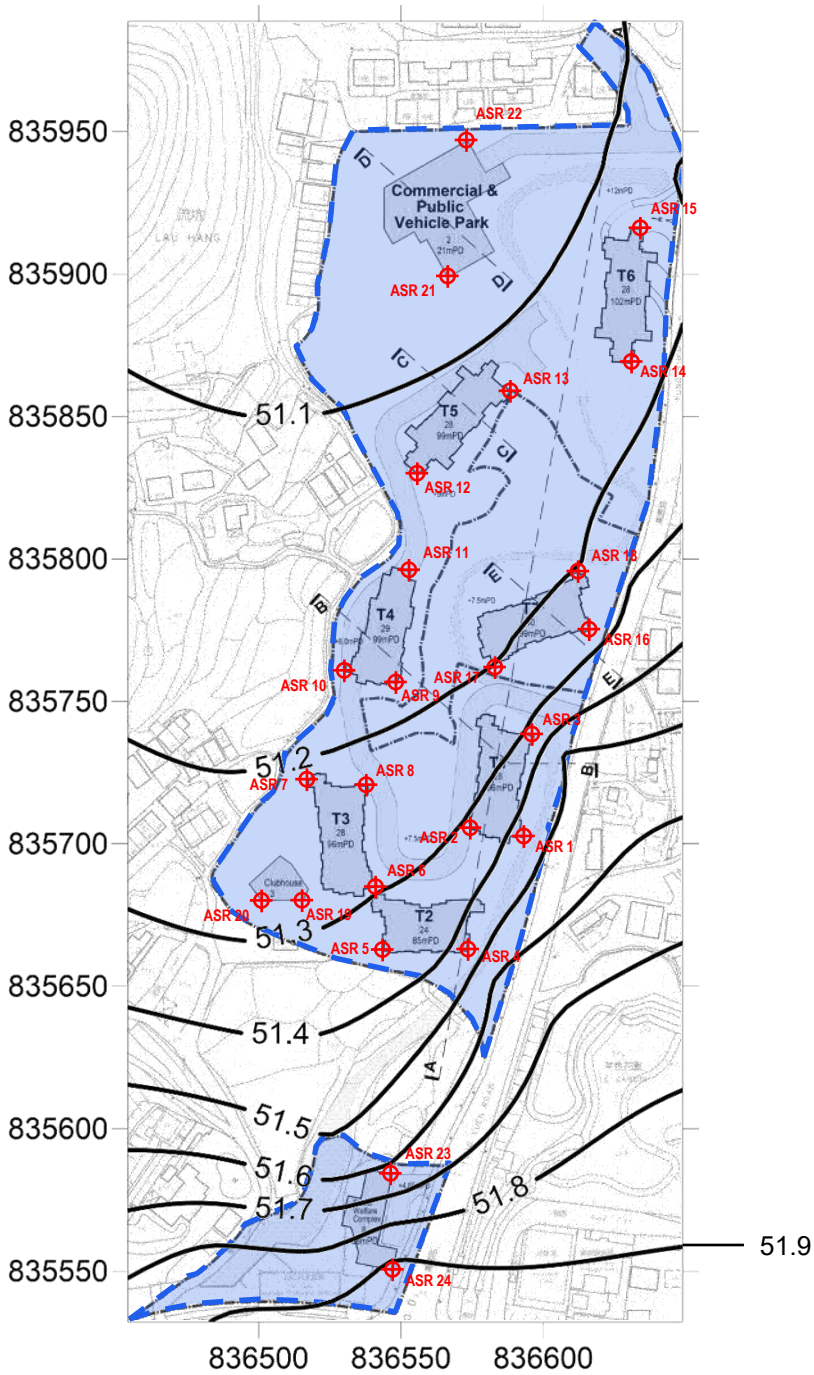


Notes: 1) The HKAQO limit for annual average NO_2 is 40ug/m^3
2) The contour plot refers to the annual average concentration of NO_2

Legend

The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Predicted Annual Average NO_2 Concentrations at 1.5 mAG, Cumulative Concentration** (in ug/m^3)	**6c**

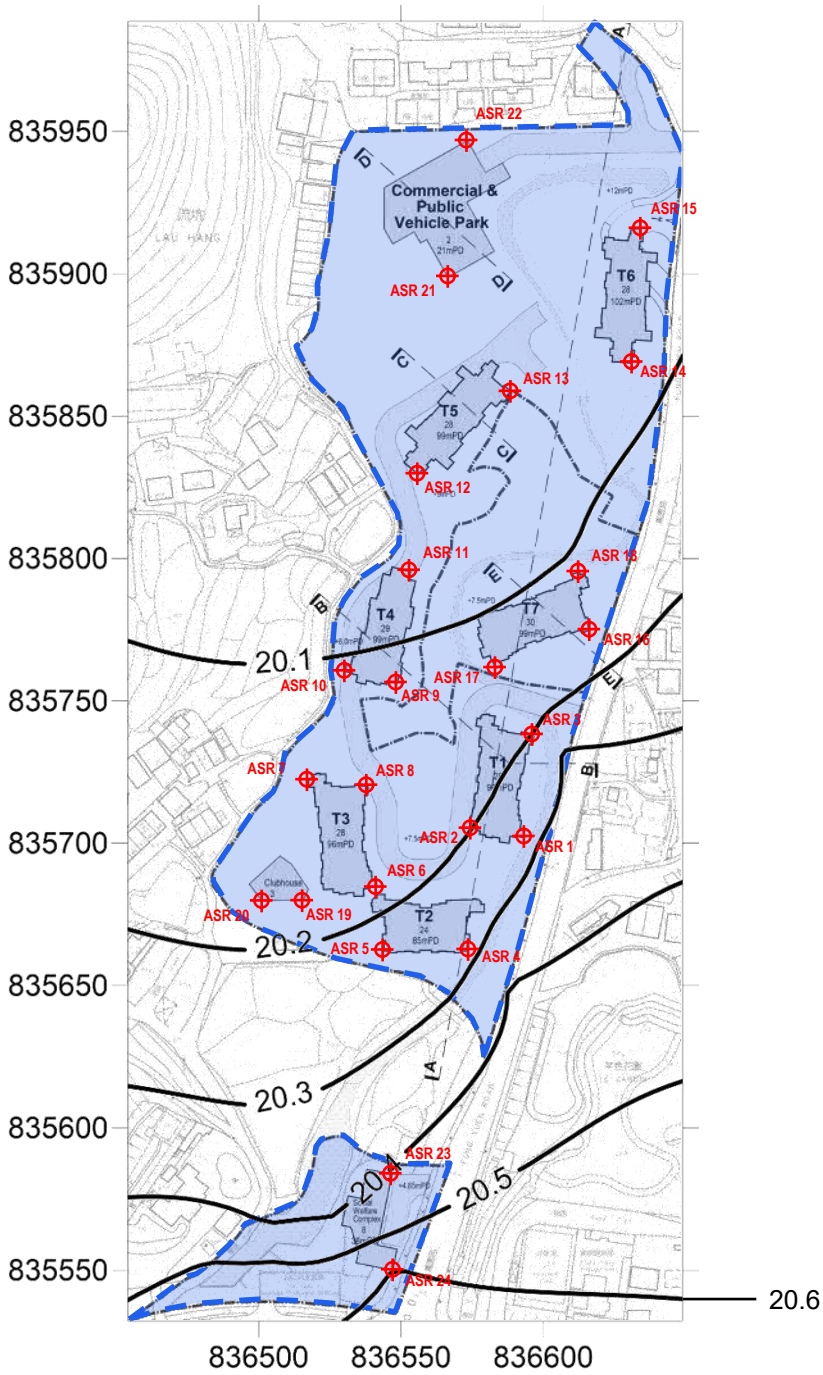


Notes: 1) The HKAQO limit for 24-hr average RSP is 75ug/m^3
2) The contour plot refers to the 10th highest 24-hr average RSP concentration

Legend

The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Predicted 10th Highest 24-hr Average RSP Concentrations at 1.5 mAG, Cumulative Concentration** (in ug/m^3)	**6d**

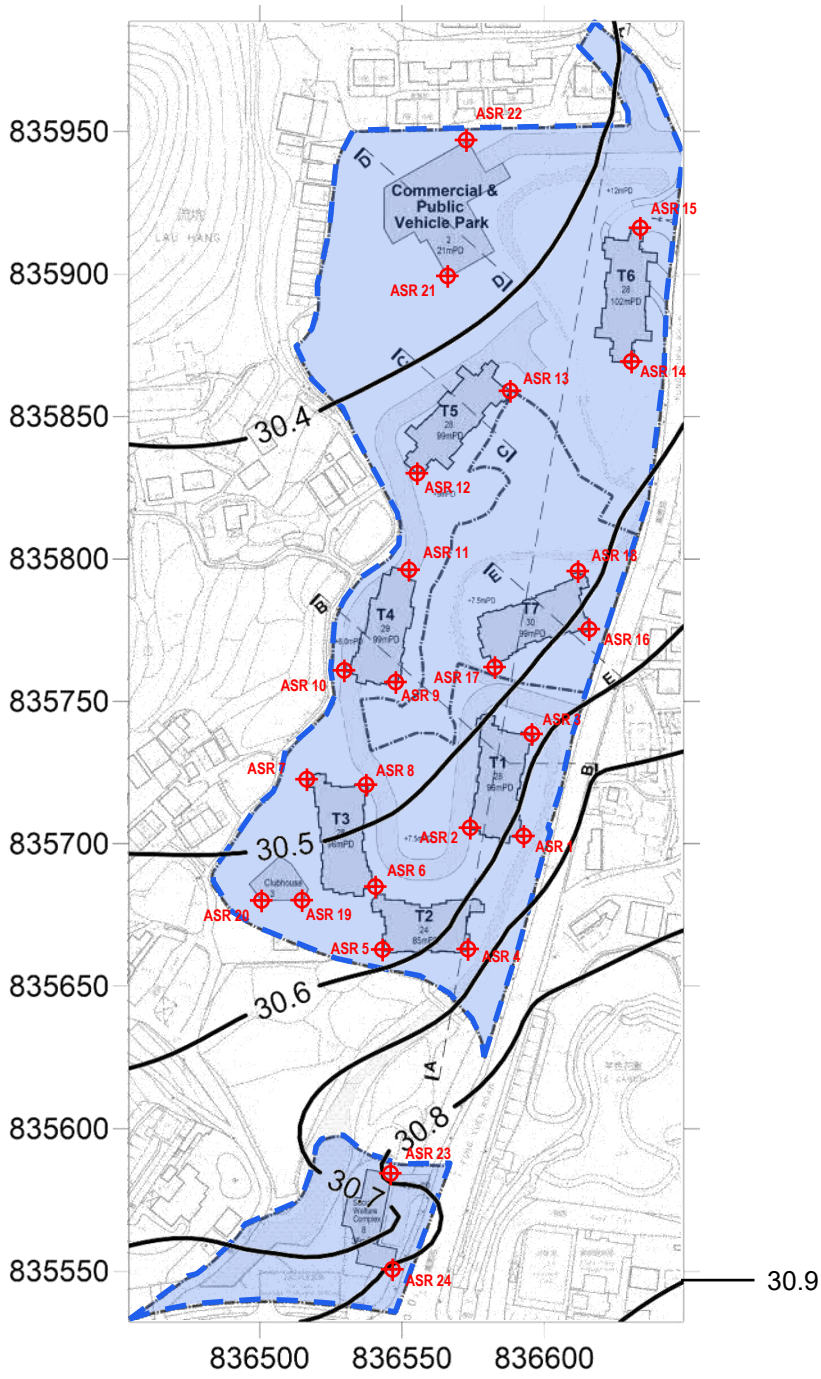


Notes: 1) The HKAQO limit for annual average RSP is 30ug/m^3
2) The contour plot refers to the annual average concentration of RSP

Legend

The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Predicted Annual Average RSP Concentrations at 1.5 mAG, Cumulative Concentration** (in ug/m^3)	**6e**

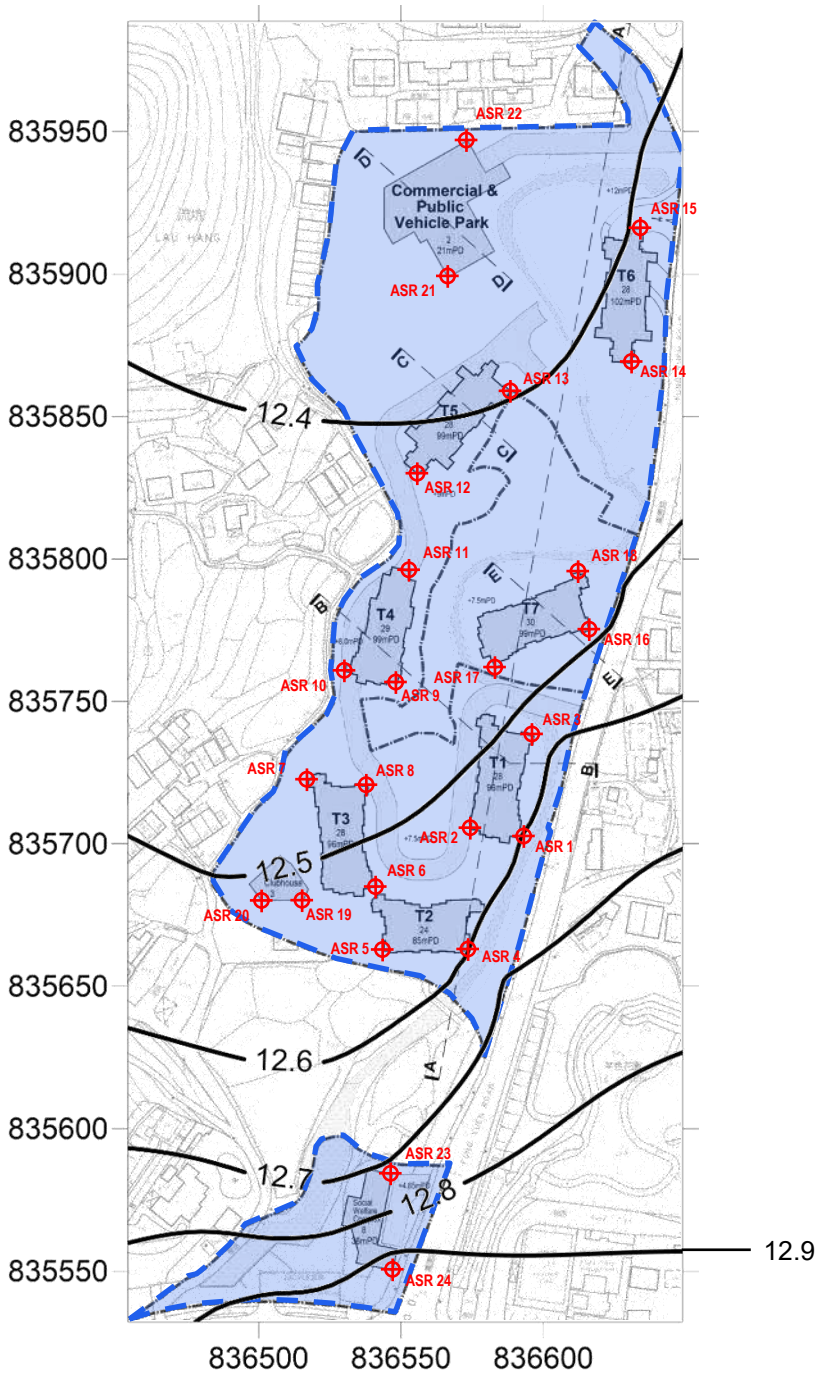


Notes: 1) The HKAQO limit for 24-hr average FSP is 37.5ug/m^3
2) The contour plot refers to the 19th highest 24-hr average FSP concentration

Legend

The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Predicted 19th Highest 24-hr Average FSP Concentrations at 1.5 mAG, Cumulative Concentration** (in ug/m^3)	**6f**

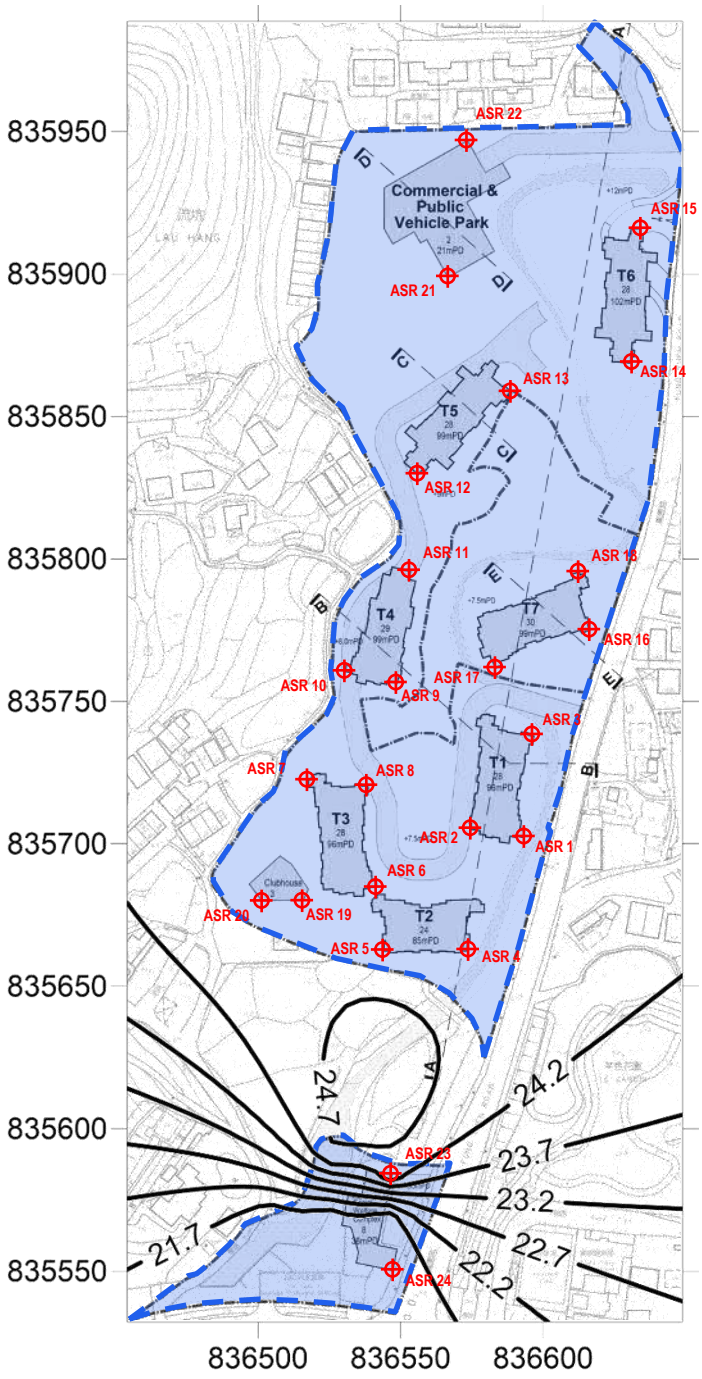


Notes: 1) The HKAQO limit for annual average FSP is 15ug/m^3
2) The contour plot refers to the annual average concentration of FSP

Legend

The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Predicted Annual Average FSP Concentrations at 1.5 mAG, Cumulative Concentration** (in ug/m^3)	**6g**



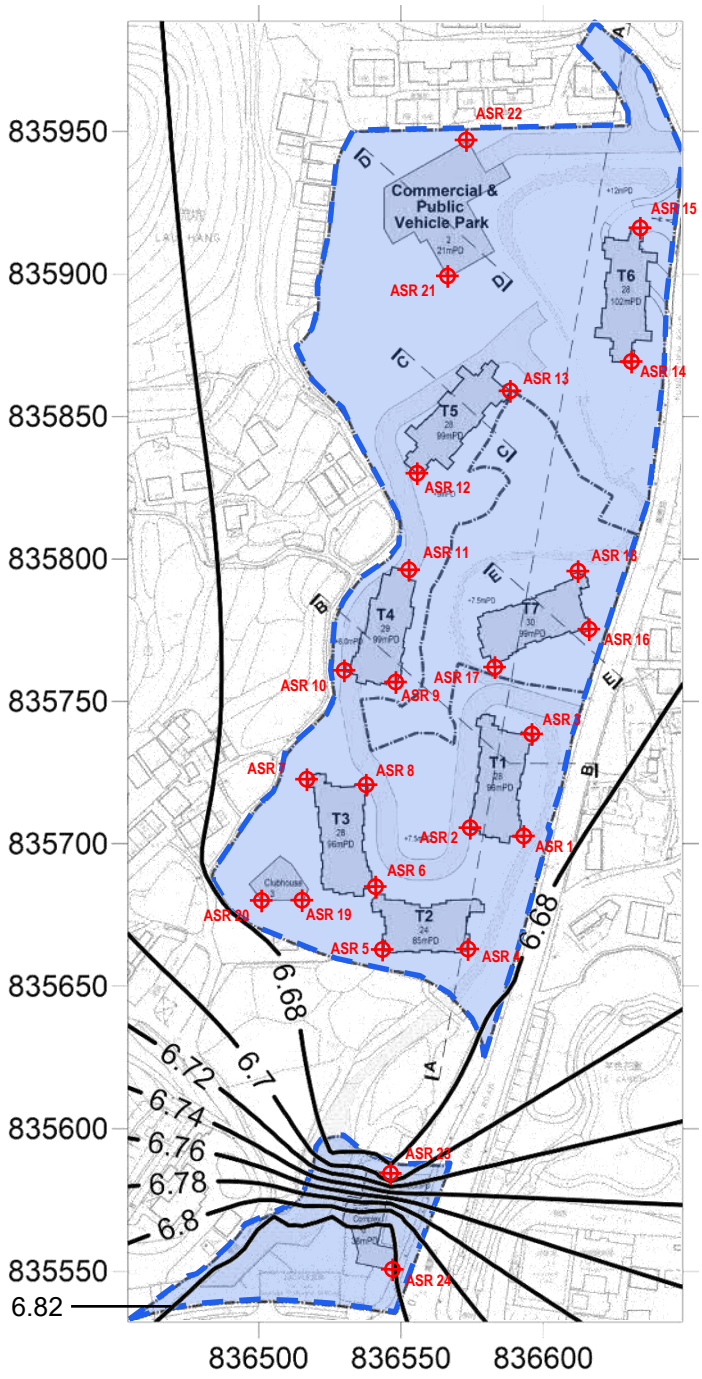
Notes: 1) The HKAQO limit for 10-min average SO_2 is 500ug/m^3

2) The contour plot refers to the 4th highest 10-min average SO_2 concentrations

Legend

The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Predicted 4th Highest 10-min Average SO_2 Concentrations at 1.5 mAG, Cumulative Concentration** (in ug/m^3)	**6h**



Notes: 1) The HKAQO limit for 24-hr average SO_2 is 40ug/m^3
2) The contour plot refers to the 4th highest 24-hr average SO_2 concentration

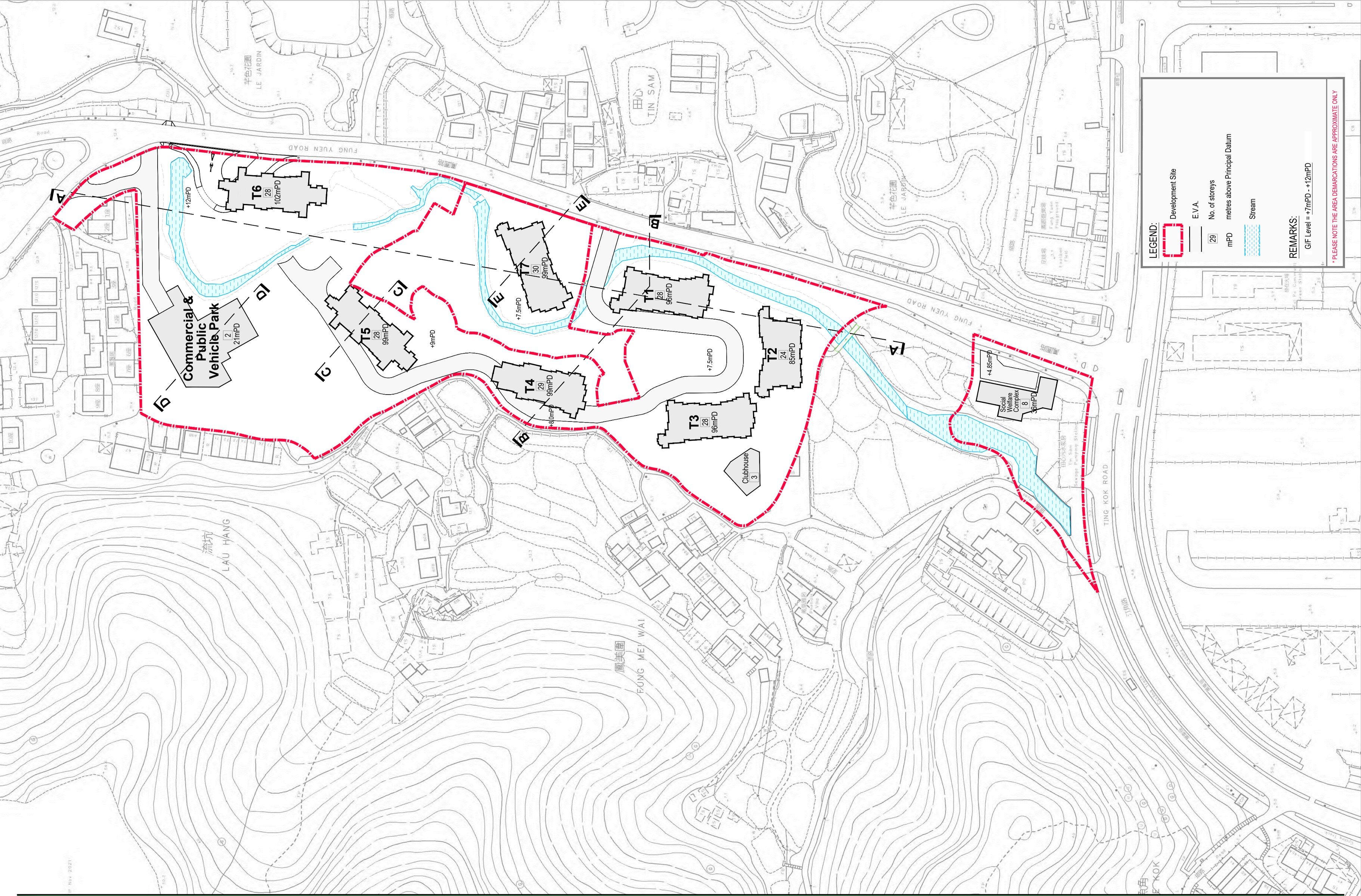
Legend

The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Predicted 4th Highest 24-hr Average SO_2 Concentrations at 1.5 mAG, Cumulative Concentration** (in ug/m^3)	**6i**

APPENDIX 1

ARCHITECTURAL DRAWINGS



REZONING APPLICATION
AT FUNG YUEN ROAD,
TAI PO, N.T.

Indicative Layout Plan

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10/09/2025
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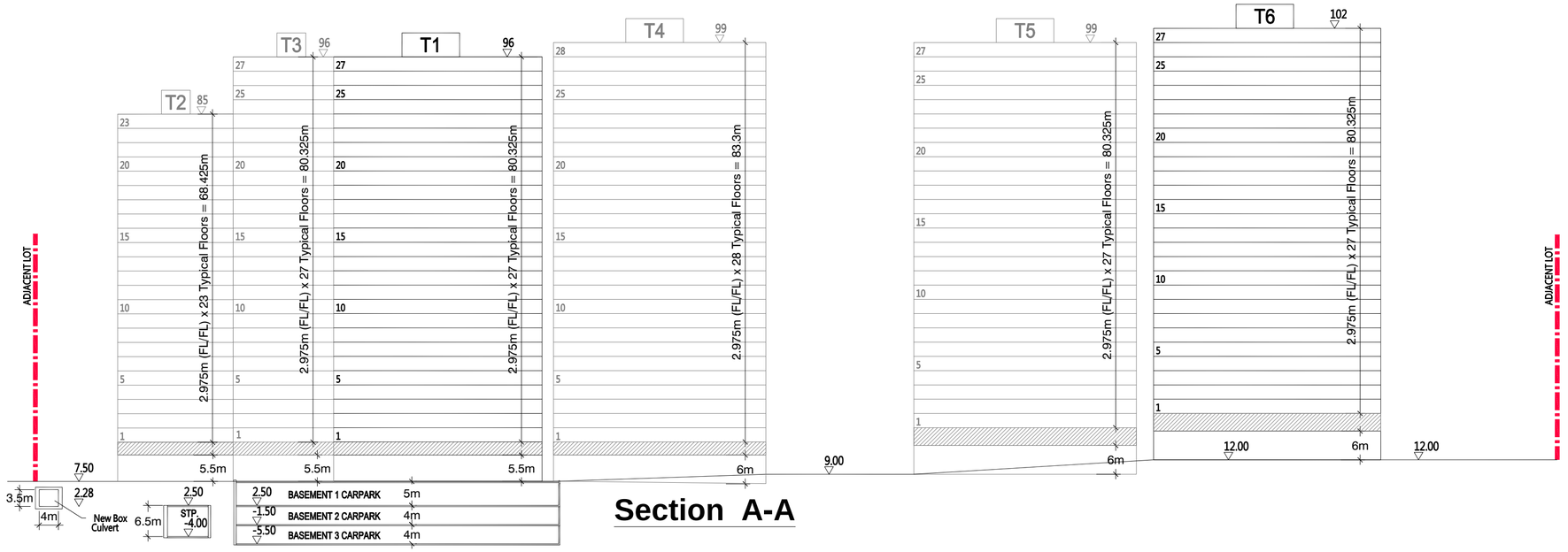
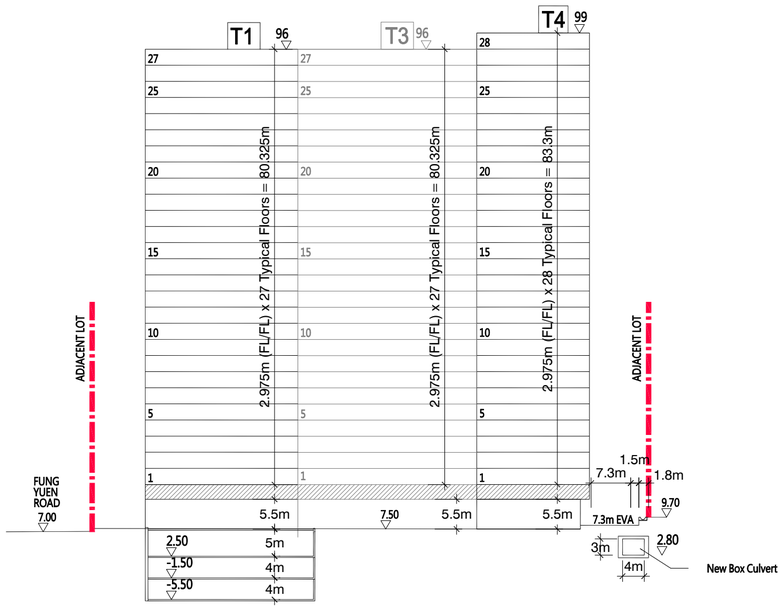
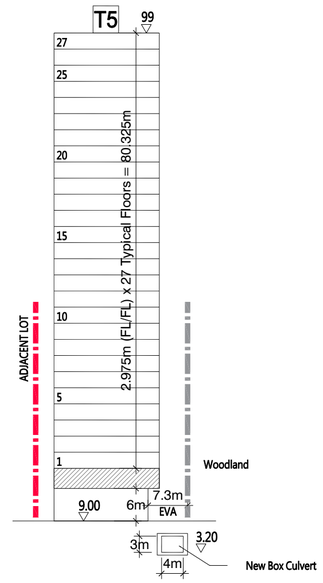


Section A-A



Section B-B



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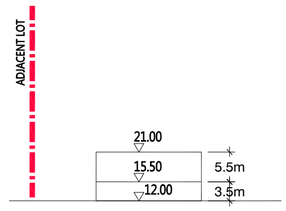
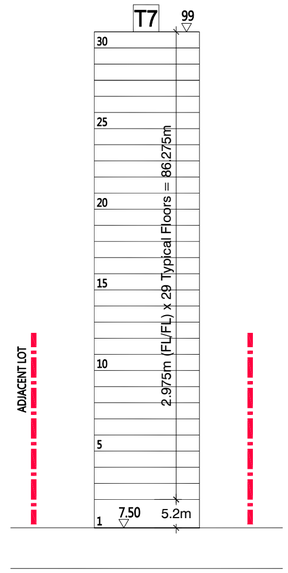


Section D-D



Section E-E

REZONING APPLICATION
AT FUNG YUEN ROAD,
TAI PO, N.T.

Diagrammatical Section Plan

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04/08/2025
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APPENDIX 2

PHOTOGRAPHS TAKEN ON SITE



Plate 1: Development Site



Plate 2: Development Site and the nearby residential development

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photographs taken on Site**	**A2-1**

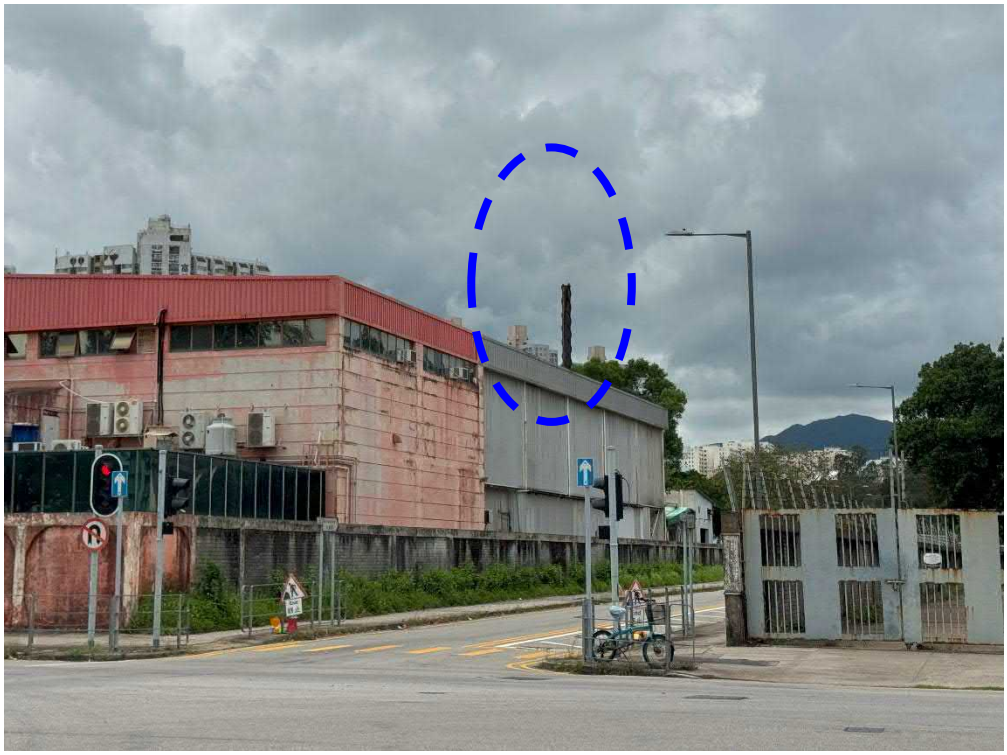


Plate 3: The chimney at Techno Enterprise Ltd. (Source ID: TECH01)



Plate 4: The chimney at Lee Kum Kee (Source ID: LECH01)

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photograph taken on Site**	**A2-2**



Plate 5: The chimney at Hitachi Chemical Electronic Materials (Hong Kong) Ltd. (Source IDs: HICH01 and HICH02)

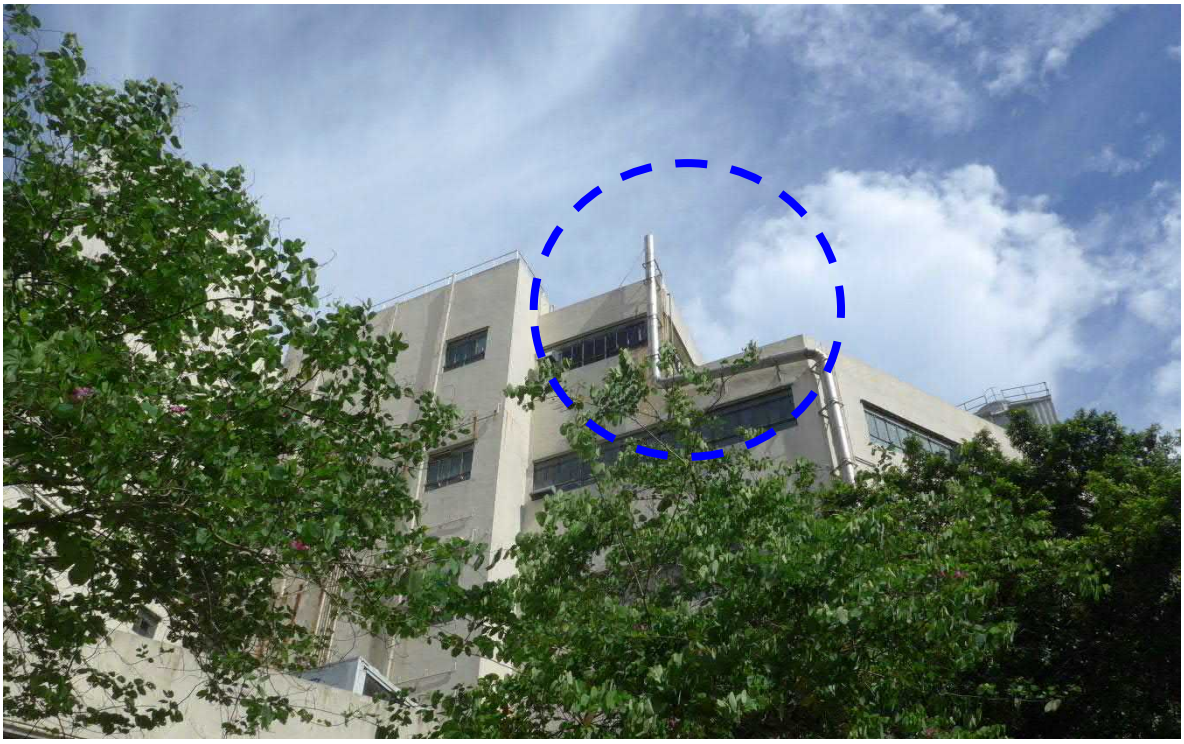
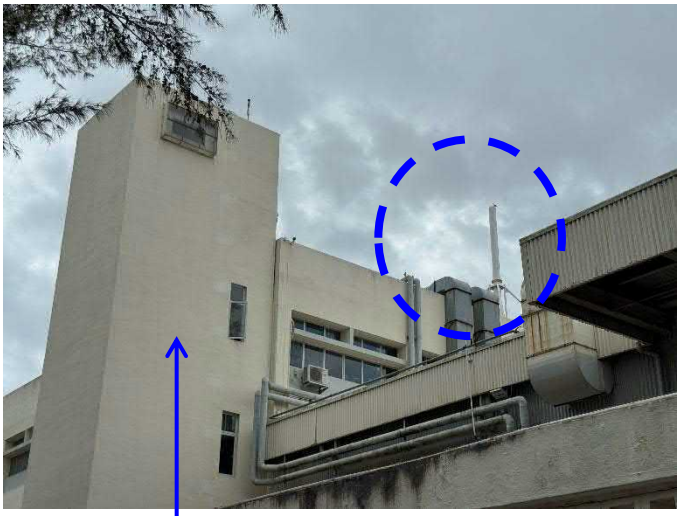


Plate 6: The chimney at GMP Centre (Source ID: GMCH01)

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photograph taken on Site**	**A2-3**

Photo taken in Year 2025



The chimney was removed

Photo taken in Year 2022

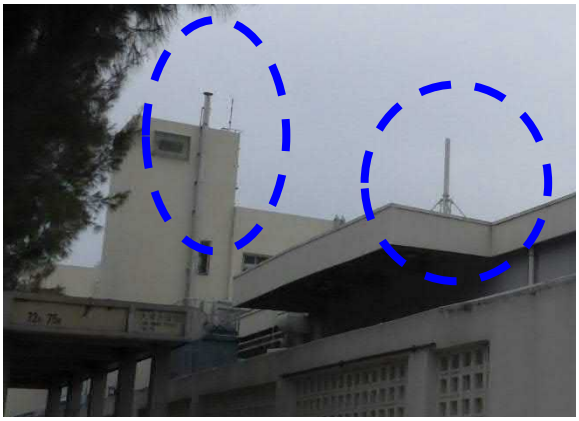


Plate 7: The chimneys at Bridgestone Aircraftire Co. (Asia) Ltd. (Source IDs: BRCH01 and BRCH02)



Plate 8: The chimney at Bridgestone Aircraftire Co. (Asia) Ltd. (Source IDs: BRCH03)

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photograph taken on Site**	**A2-4**



Plate 9: The chimney at Nissin Foods Co. Ltd. (Source ID: NICH01)



Plate 10: The chimney at Nissin Foods Co. Ltd. (Source ID: NICH03)

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photograph taken on Site**	**A2-5**

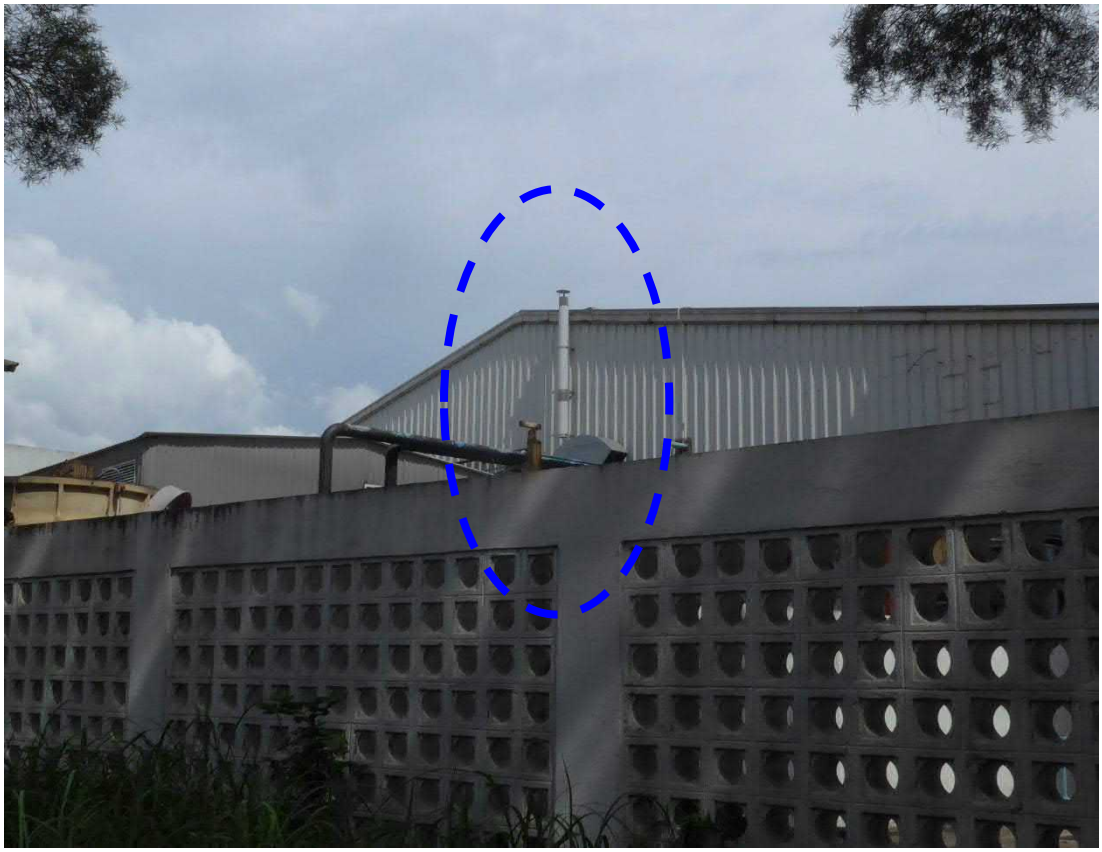


Plate 11: The chimney at Mass Lam int'l Ltd. (Source ID: MACH01)



Plate 12: The chimney at Hong Kong Yamazaki Baking Co. Ltd. (Source ID: YACH01)

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photograph taken on Site**	**A2-6**



Plate 13: Towngas boilers at Alice Ho Miu Ling Nethersole Hospital (Source ID: NH01-02)



Plate 14: Towngas boiler at Alice Ho Miu Ling Nethersole Hospital (Source ID: NH03)

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photograph taken on Site**	**A2-7**



Plate 15: Towngas boilers at Tai Po Hospital (Source ID: TPH02-04)



Plate 16: Towngas boiler at Tai Po Hospital (Source ID: TPH01)

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photograph taken on Site**	**A2-8**

APPENDIX 3

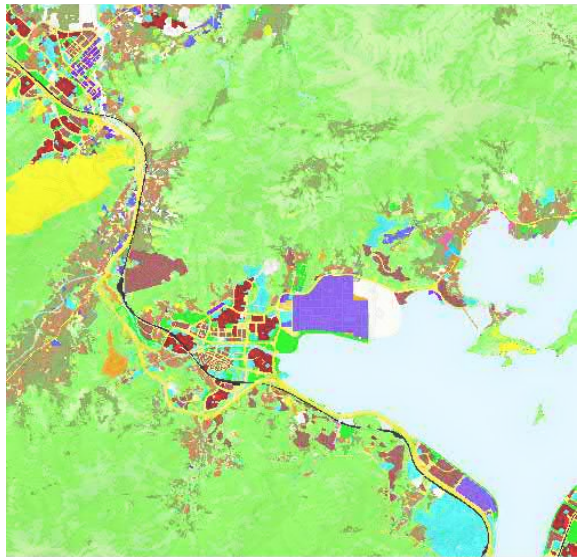
CALCULATION FOR LANDUSE IN AERMET
(GENERATED BY SAMP-v2.1)

Grid (41,49)

Code	Co	Hong Kong Planning Department Classification	Roughness	Albedo	Bowen Ratio	Grid Count	Percent	Albedo x Perc	b^n/Sn
1		Private Residential	1	0.18	1.5	23568	2.36%	0.00424224	1.009601806
2		Public Residential	1	0.18	1.5	13702	1.37%	0.00246636	1.005571144
3		Rural Settlement	0.375	0.165	0.9	41155	4.12%	0.006790575	0.995673275
11		Commercial/Business and Office	1	0.18	1.5	1079	0.11%	0.00019422	1.000437593
21		Industrial Land	0.7	0.18	1.5	2718	0.27%	0.00048924	1.001102662
22		Industrial Estates/Science and Technology Parks	0.7	0.18	1.5	13241	1.32%	0.00238338	1.005383201
23		Warehouse and Open Storage	0.7	0.18	1.5	4658	0.47%	0.00083844	1.001890441
31		Government, Institutional and Community Facilities	0.7	0.18	1.5	26771	2.68%	0.00481878	1.010913832
32		Open Space and Recreation	0.04	0.15	1	14473	1.45%	0.00217095	1
41		Roads and Transport Facilities	0.7	0.18	1.5	39607	3.96%	0.00712926	1.016188899
42		Railways	0.7	0.18	1.5	3872	0.39%	0.00069696	1.001571194
43		Airport	0.07	0.18	1.5	0	0.00%	0	1
44		Port Facilities	0.7	0.18	1.5	0	0.00%	0	1
51		Cemeteries/Funeral Facilities	0.7	0.18	1.5	23483	2.35%	0.00422694	1.009567011
52		Utilities	0.7	0.18	1.5	4210	0.42%	0.0007578	1.001708466
53		Vacant Land/Construction in Progress	0.2	0.18	1	16984	1.70%	0.00305712	1
54		Others	0.2	0.18	1	620	0.06%	0.0001116	1
61		Agricultural Land	0.1575	0.18	0.55	59818	5.98%	0.01076724	0.964870471
62		Fish Ponds/Gei Wais	0.001	0.1	0.1	358	0.04%	0.0000358	0.999176014
71		Woodland	1.05	0.1625	0.75	336983	33.70%	0.054759738	0.90760686
72		Shrubland	0.3	0.18	1.25	129885	12.99%	0.0233793	1.029407095
73		Grassland	0.065	0.185	0.8	83512	8.35%	0.01544972	0.981537397
74		Mangrove/Swamp	0.065	0.14	0.225	1349	0.13%	0.00018886	0.997989781
81		Badland	0.15	0.1625	0.75	0	0.00%	0	1
83		Rocky Shore	0.05	0.2	4.75	91	0.01%	0.0000182	1.000141801
91		Reservoirs	0.001	0.1	0.1	584	0.06%	0.0000584	0.998656194
92		Streams and Nullahs	0.001	0.1	0.1	4086	0.41%	0.0004086	0.990635757
99		SZ Residential *	1	0.18	1.5	0	0.00%	0	1
0		Open Sea *	0.001	0.1	0.1	153193	15.32%	0.0153193	0.702759945
				0.160759	0.650990	1000000			

* Non-PlanD Land Utilization categories

Center: X=836565, Y=835765, Z=7.0; Met Year=2019;

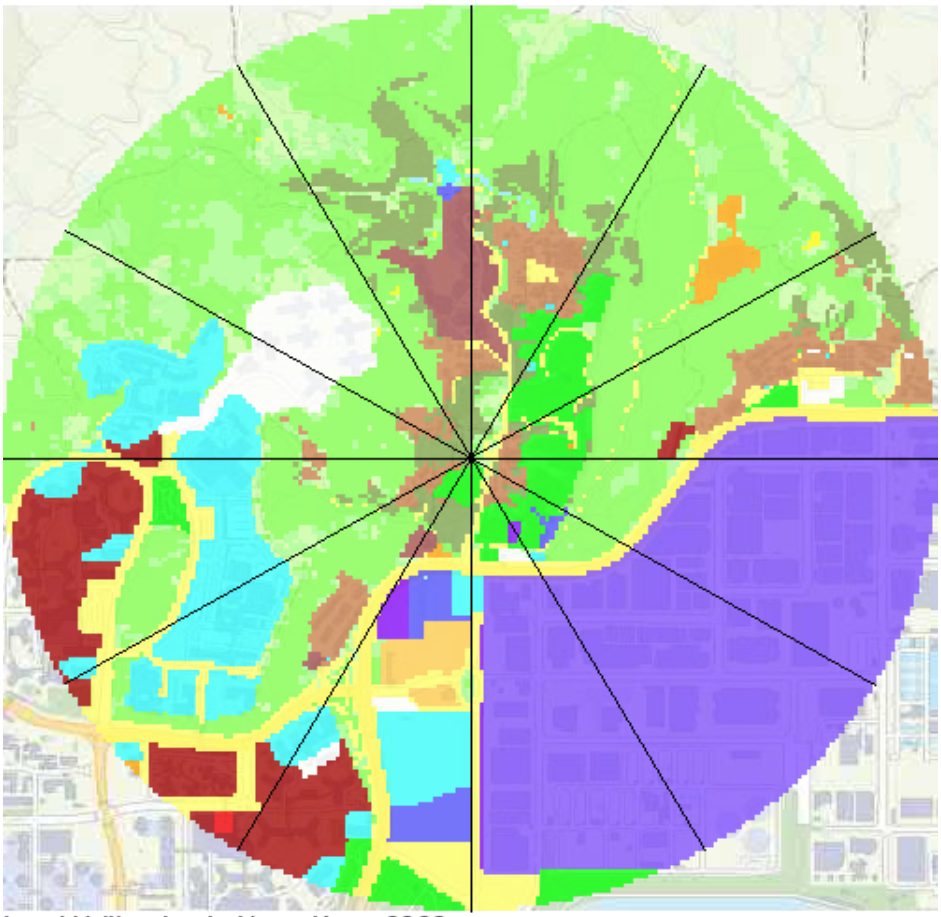


Land Utilization in Hong Kong 2023

Grid (41,49)

Angle	Group	Inverse-distand	Roughness
0	0 - 30	5.176452751	0.434174
30	30 - 60	5.31768931	0.369172
60	60 - 90	5.176452751	0.416504
90	90 - 120	5.176452751	0.459133
120	120 - 150	5.31768931	0.446686
150	150 - 180	5.176452751	0.411940
180	180 - 210	5.176452751	0.382101
210	210 - 240	5.31768931	0.528150
240	240 - 270	5.176452751	0.599243
270	270 - 300	5.176452751	0.466232
300	300 - 330	5.31768931	0.438823
330	330 - 360	5.176452751	0.471691

Center: X=836565, Y=835765, Z=7.0; Met Year=2019;



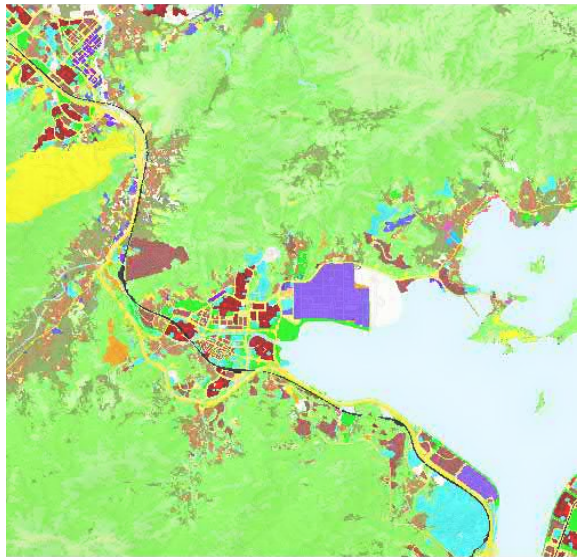
Land Utilization in Hong Kong 2023

Grid (41,48)

Code	Cd	Hong Kong Planning Department Classification	Roughness	Albedo	Bowen Ratio	Grid Count	Percent	Albedo x Perc	b^n/Sn
1		Private Residential	1	0.18	1.5	23908	2.39%	0.00430344	1.009740997
2		Public Residential	1	0.18	1.5	13638	1.36%	0.00245484	1.00554505
3		Rural Settlement	0.375	0.165	0.9	39678	3.97%	0.00654687	0.995828232
11		Commercial/Business and Office	1	0.18	1.5	1085	0.11%	0.0001953	1.000440026
21		Industrial Land	0.7	0.18	1.5	2557	0.26%	0.00046026	1.001037312
22		Industrial Estates/Science and Technology Parks	0.7	0.18	1.5	13241	1.32%	0.00238338	1.005383201
23		Warehouse and Open Storage	0.7	0.18	1.5	4148	0.41%	0.00074664	1.001683284
31		Government, Institutional and Community Facilities	0.7	0.18	1.5	27483	2.75%	0.00494694	1.011205716
32		Open Space and Recreation	0.04	0.15	1	14330	1.43%	0.0021495	1
41		Roads and Transport Facilities	0.7	0.18	1.5	40094	4.01%	0.00721692	1.016389577
42		Railways	0.7	0.18	1.5	3974	0.40%	0.00071532	1.001612617
43		Airport	0.07	0.18	1.5	0	0.00%	0	1
44		Port Facilities	0.7	0.18	1.5	0	0.00%	0	1
51		Cemeteries/Funeral Facilities	0.7	0.18	1.5	23624	2.36%	0.00425232	1.00962473
52		Utilities	0.7	0.18	1.5	4251	0.43%	0.00076518	1.001725118
53		Vacant Land/Construction in Progress	0.2	0.18	1	15719	1.57%	0.00282942	1
54		Others	0.2	0.18	1	534	0.05%	0.00009612	1
61		Agricultural Land	0.1575	0.18	0.55	56631	5.66%	0.01019358	0.966710597
62		Fish Ponds/Gei Wais	0.001	0.1	0.1	358	0.04%	0.0000358	0.999176014
71		Woodland	1.05	0.1625	0.75	344386	34.44%	0.055962725	0.905675977
72		Shrubland	0.3	0.18	1.25	128480	12.85%	0.0231264	1.029084409
73		Grassland	0.065	0.185	0.8	81916	8.19%	0.01515446	0.981887021
74		Mangrove/Swamp	0.065	0.14	0.225	1349	0.13%	0.00018886	0.997989781
81		Badland	0.15	0.1625	0.75	0	0.00%	0	1
83		Rocky Shore	0.05	0.2	4.75	90	0.01%	0.000018	1.000140243
91		Reservoirs	0.001	0.1	0.1	584	0.06%	0.0000584	0.998656194
92		Streams and Nullahs	0.001	0.1	0.1	3835	0.38%	0.0003835	0.99120846
99		SZ Residential *	1	0.18	1.5	0	0.00%	0	1
0		Open Sea *	0.001	0.1	0.1	154107	15.41%	0.0154107	0.701282498
				0.160595	0.650268	1000000			

* Non-PlanD Land Utilization categories

Center: X=836545, Y=835545, Z=6.0; Met Year=2019;

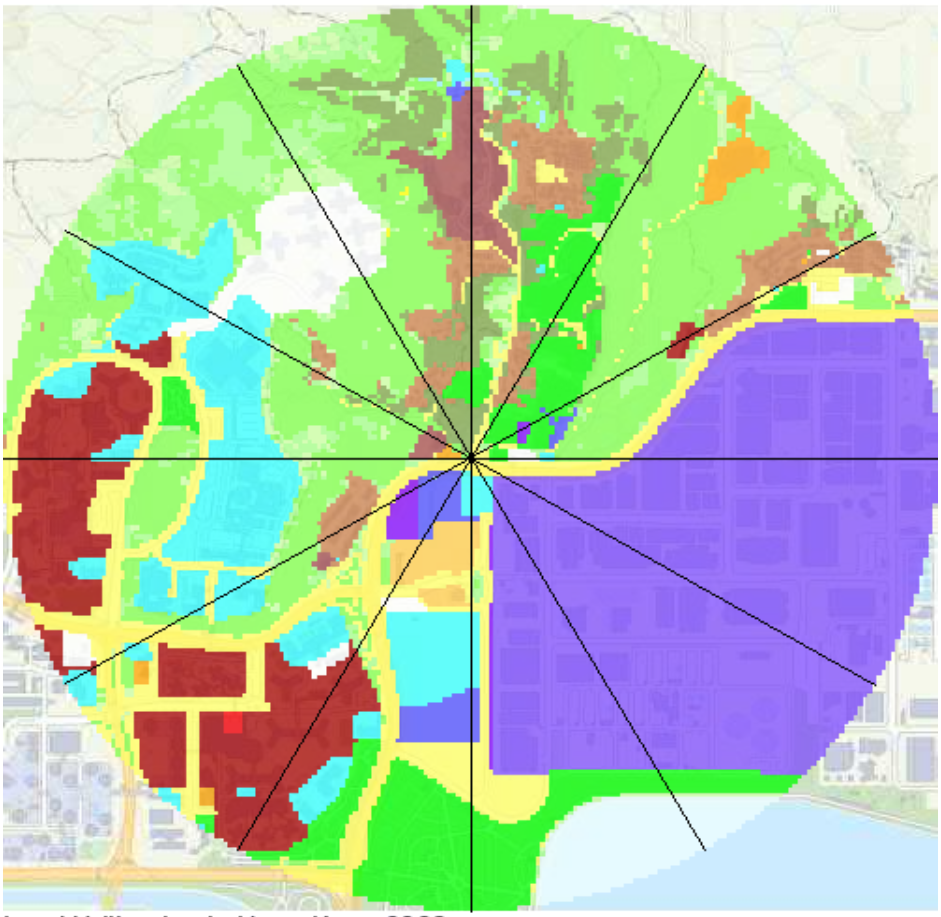


Land Utilization in Hong Kong 2023

Grid (41,48)

Angle	Group	Inverse-distand	Roughness
0	0 - 30	5.176452751	0.276294
30	30 - 60	5.31768931	0.320613
60	60 - 90	5.176452751	0.514628
90	90 - 120	5.176452751	0.666002
120	120 - 150	5.31768931	0.533668
150	150 - 180	5.176452751	0.225016
180	180 - 210	5.176452751	0.346555
210	210 - 240	5.31768931	0.700223
240	240 - 270	5.176452751	0.698801
270	270 - 300	5.176452751	0.686093
300	300 - 330	5.31768931	0.476417
330	330 - 360	5.176452751	0.363845

Center: X=836545, Y=835545, Z=6.0; Met Year=2019;



Land Utilization in Hong Kong 2023

APPENDIX 4

SUMMARY OF EMISSION RATE FOR CHIMNEYS

Job Title: Proposed Residential Development at Fung Yuen Road, Tai Po
Job No.: 22680

Calculation of Emission Factor for Existing Chimneys

Fuel Oil Combustion

Towngas Consumption for each stack =	346	m^3 per hour	[ref. (AEIAR-215/2017) Housing Site in Yuen Long South]
	346	unit	
	16608	MJ per hour	[1 unit = 48 MJ]
	4617	kWh per hour	[1 MJ = 0.278 kWh]
	1.3	kWh per second	
NOx Emission Factor =	220	mg / kWh	[ref. (AEAIR-142/2009) Provision of a Poultry Slaughtering Centre in Sheung Shui]
NOx Emission Rate =	0.282	g /s	
PM Emission Factor =	7.6	lb / 10^6 scf	[Emission factor based on Table 1.4-2 of AP-42, USEPA]
	0.007451	lb / MMBTU	[To convert from lb / 10^6 scf to lb / MMBTU, divided by 1020]
	0.003386	lb / MMBtu	[To adjust the emission factor based on the differences between the heating values of towngas and natural gas, by multiplying the ratio of the towngas heating value to natural gas heating value] [According to the website of Electrical and Mechanical Services Department, the heating value of towngas is 17.27 mj / m^3, https://www.emsd.gov.hk/en/gas_safety/gas_safety_tips_to_users/types_of_domestic_fuel_gases_and_their_properties/] [1 mj / m^3 = 26.839 Btu / scf]
	1.536E-06	g / BTU	
	5.240E-03	g / kwh	[1 kwh = 3412.14 BTU]
PM Emission Rate =	0.00672	g /s	

Table A4.1. Summary Table of Towngas Boilers within 500m of the Proposed Development (Observed by site survey):-

Source ID	Company	Type	X [1] (m)	Y [1] (m)	Z [1] (mPD)	Release Height [1] (m)	Exit Temperature [3] (K)	Exit Velocity [2] (m/s)	Internal Diameter [2] (m)	Emission Rate (g/s)				Operation hour [6]
										NO_x	RSP [4]	FSP [4]	SO_2 [5]	
TPH01	Tai Po Hospital	Point	835960	835757	20.9	8.0	333	6.0	0.35	0.282	0.0067	0.0067	-	24 hours a day
TPH02		Point	836010	835749	20.9	30.0	333	6.0	0.35	0.282	0.0067	0.0067	-	
TPH03		Point	836010	835749	20.9	30.0	333	6.0	0.35	0.282	0.0067	0.0067	-	
TPH04		Point	836010	835749	20.9	30.0	333	6.0	0.35	0.282	0.0067	0.0067	-	
NH01	Alice Ho Miu Ling Nethersole Hospital	Point	836104	835406	18.1	30.0	333	6.0	0.35	0.282	0.0067	0.0067	-	
NH02		Point	836104	835406	18.1	30.0	333	6.0	0.35	0.282	0.0067	0.0067	-	

Notes:

[1] Chimney coordinates and release heights are determined by site observation.

[2] Exit velocities, internal diameter are referenced to AEIAR-215/2017 "Housing Site in Yuen Long South".

[3] Exit temperature of 333K (60°C) is assumed in conservatism.

[4] RSP and FSP emission rate are assumed to be the same as that of total PM emission rate, as a conservative approach.

[5] In the light of minimal amounts of SO2 emission from towngas boilers, no SO2 emission from these boilers are assumed. In addition, the latest 5-year average of the SO2 concentration in Tai Po and the predicted PATH background in 2030 at the Project Area as shown in Tables 5.1 and 5.2 respectively demonstrated that the cumulative results are unlikely to exceed the prevailing AQOs and hence the SO2 emission from towngas boilers are not quantitatively assessed in the model.

[6] Since the operators did not provide any information, it is assumed that the towngas boilers operate 24hr per day.

Job Title: Proposed Residential Development at Fung Yuen Road, Tai Po
Job No.: 22680

Calculation of Emission Factor for CHP at Alice Ho Miu Ling Nethersole Hospital

Landfill Gas Combustion

NOx Emission Factor =	4000	kg / 10^6 dscm	[Emission factor of IC Engine, based on Table 2.4-4 of AP-42, USEPA] [1]
PM Emission Factor =	770	kg / 10^6 dscm	[Emission factor of IC Engine, based on Table 2.4-4 of AP-42, USEPA] [1]
SO2 Emission Factor =	3	lb / MM dscf	[Table 4-4 of USEPA Air Emissions from Municipal Solid Waste Landfills - Background Information for Proposed Standards and Guidelines, March 1991 ((EPA-450/3-90-011a)]
=	0.048055	g / dscm	[Unit Conversion: 1 lb = 453.592 g, 1 MM dscf = 28316.847 dscm]
Fuel Consumption for CHP =	2400000	MJ per month	[As advised by the Hospital Authority]
	3333	MJ per hour	[Since the operators did not provide any information, it is assumed that the CHP operates 30 days per month and 24hr per day]
Estimated landfill gas to be utilized in CHP =	185	m^3 per hour	[Approximate heat value of landfill gas = 18 MJ/m^3, referenced to EMSD's website: https://re.emsd.gov.hk/english/energy/landfill/land_reso.html]
	185	dscm / hour	
	0.051	dscm / s	
NOx Emission Rate =	0.2058	g /s	
PM Emission Rate =	0.0396	g /s	
SO2 Emission Rate =	0.00247	g /s	

Table A4.2, Summary Table of CHP at Alice Ho Miu Ling Nethersole Hospital

Source ID	Company	Type	X [2] (m)	Y [2] (m)	Z [2] (mPD)	Release Height [2] (m)	Exit Temperature [3] (K)	Exit Velocity [3] (m/s)	Internal Diameter [4] (m)	Emission Rate (g/s)				Operation hour [6]
										NO_x	RSP [5]	FSP [5]	SO_2	
NH03	Alice Ho Miu Ling Nethersole Hospital	Point	836126	835397	18.1	12.0	333	7.0	0.30	0.206	0.0396	0.0396	0.00247	24 hours a day

Notes:

[1] According to the release press of "First public hospital to use landfill gas to generate electricity" introducing the CHP at Alice Ho Miu Ling Nethersole Hospital, it mentioned that the burning of landfill gas in the combustion engine powers the generator. Hence, emission factors of IC Engine are adopted for calculating the emission factor of the CHP.
https://www.info.gov.hk/gia/general/201701/24/P2017012400698.htm

[2] Chimney location is advised by the Hospital Authority and release height is determined by site observation.

[3] Since the operators did not provide any information, the exit velocity and temperature of the chimney from CHP plant are assumed to be 7m/s and 333K respectively.

[4] Internal diameter are referenced to the CHP stacks of AEIAR-220/2019 "Yuen Long Effluent Polishing Plant".

[5] RSP and FSP emission rate are assumed to be the same as that of total PM emission rate, as a conservative approach.

[6] Since the operators did not provide any information, it is assumed that the CHP operates 24hr per day.

Job Title: Proposed Residential Development at Fung Yuen Road, Tai Po
Job No.: 22680

Summary Table of Industrial Emissions

Table A4.3. Summary Table of Industrial Chimneys within 500m of the Proposed Development (referenced to EIA report "Upgrading of Tai Po Sewage Treatment Works" and verified by site survey):-

Source ID	Company	Type	X (m)	Y (m)	Z (mPD)	Release Height [1] (m)	Exit Temperature [2] (K)	Exit Velocity [2] (m/s)	Internal Diameter [1] (m)	Emssion Rate (g/s)				Operation hour [2]
										No_x [2]	RSP [2]	FSP [2]	SO_2 [2]	
TECH01	Techno Enterpreise Ltd.	Point	836644	835260	5.6	10.0	373	6.0	0.5	0.0583	0.0233	0.0194	0.000278	0800 - 1800
LECH01	Lee Kum Kee Company Limited	Point	836611	835477	5.1	30.0	373	6.0	0.5	0.0583	0.0233	0.0194	0.000278	
HICH01	Hitachi Chemical Electronic Materials (Hong Kong) Limited	Point	836842	835379	5.7	20.0	373	6.0	0.8	0.0583	0.0233	0.0194	0.000278	
HICH02		Point	836842	835382	5.7	20.0	373	6.0	0.2	0.0583	0.0233	0.0194	0.000278	
GMCH01	GMP Centre	Point	837020	835656	5.0	20.0	373	6.0	0.3	0.0583	0.0233	0.0194	0.000278	
BRCH01	Bridgestone Aircraftire Co. (Asia) Ltd.	Point	836953	835385	5.8	15.0	373	6.0	0.3	0.0583	0.0233	0.0194	0.000278	
BRCH02		Point	836952	835362	5.8	15.0	373	6.0	0.3	0.0583	0.0233	0.0194	0.000278	
BRCH03		Point	837023	835374	5.8	15.0	373	6.0	0.3	0.0583	0.0233	0.0194	0.000278	
NICH01	Nissin Foods Co. Ltd.	Point	836969	835324	5.7	20.0	373	6.0	0.8	0.0583	0.0233	0.0194	0.000278	
NICH03		Point	836969	835335	5.7	15.0	373	6.0	0.8	0.0583	0.0233	0.0194	0.000278	
YACH01	Hong Kong Yamazaki Baking Co. Ltd.	Point	836956	835241	5.7	15.0	373	6.0	0.3	0.0583	0.0233	0.0194	0.000278	
MACH01	Mass Lam int'l Ltd.	Point	836833	835484	5.9	10.0	373	6.0	0.2	0.0583	0.0233	0.0194	0.000278	

Notes:

[1] Release heights and chimney diameters are referenced to the EIA report "Upgrading of Tai Po Sewage Treatment Workse" and verified by site survey.

[2] Chimney coordinates, exit velocities, temperatures, emission rates of NO_x, RSP and FSP, and operation hours are refernced to EIA report "Upgrading of Tai Po Sewage Treatment Works".

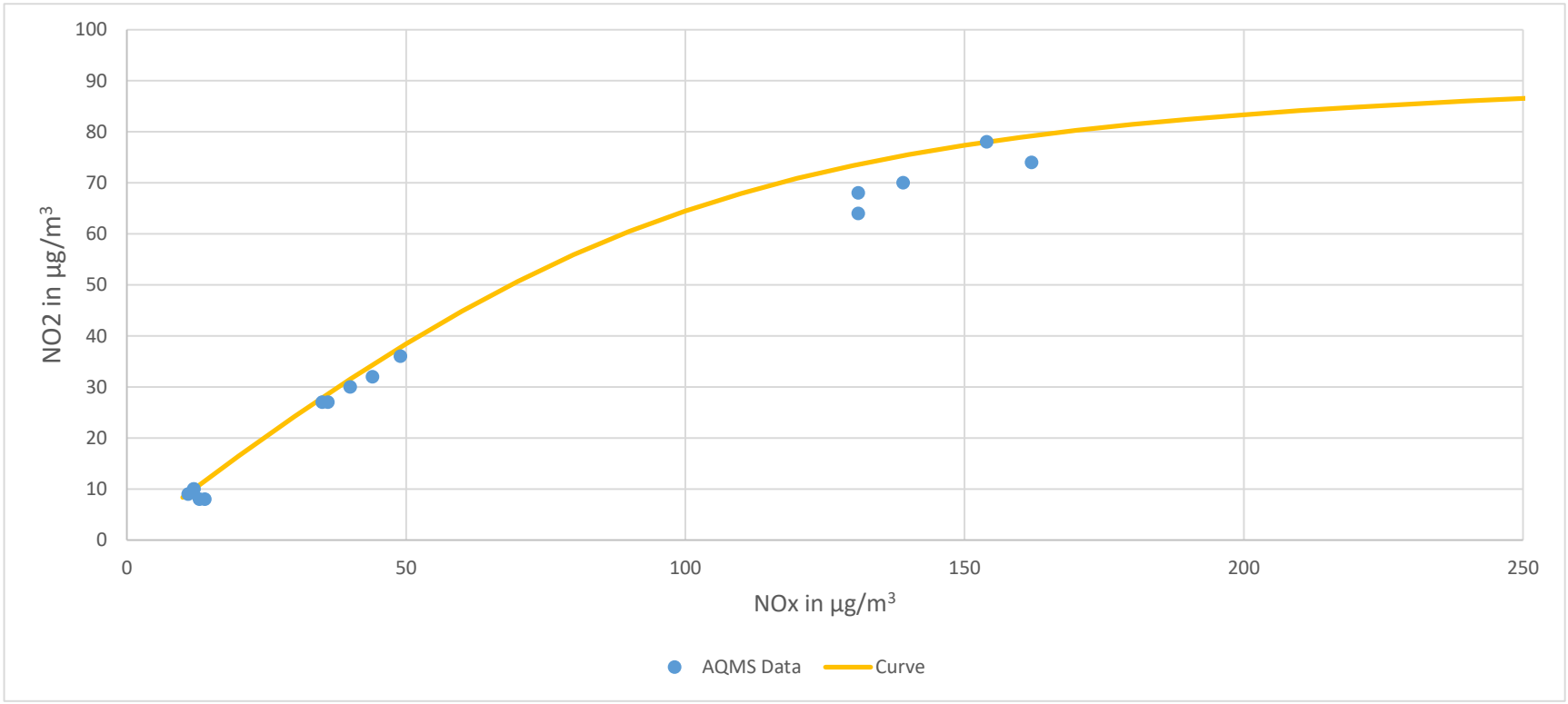
APPENDIX 5

DERIVATION OF CUMULATIVE ANNUAL AVERAGE NO_X TO NO_2 CONVERSION EQUATION USING JENKIN METHOD

(GENERATED BY SAMP-v2.1)

AQMS Data of the Past 5 Years				
Year	**Station**	**NO2 (ug/m3)**	**NOx (ug/m3)**	**Conversion**
2019	TAI PO	36	49	37.8
2020	TAI PO	30	40	31.6
2021	TAI PO	32	44	34.4
2022	TAI PO	27	36	28.7
2023	TAI PO	27	35	27.9
2019	TAP MUN	10	12	10.0
2020	TAP MUN	9	11	9.2
2021	TAP MUN	10	12	10.0
2022	TAP MUN	8	13	10.8
2023	TAP MUN	8	14	11.6
2019	MONG KOK	78	154	78.0
2020	MONG KOK	74	162	79.2
2021	MONG KOK	70	139	75.3
2022	MONG KOK	64	131	73.6
2023	MONG KOK	68	131	73.6

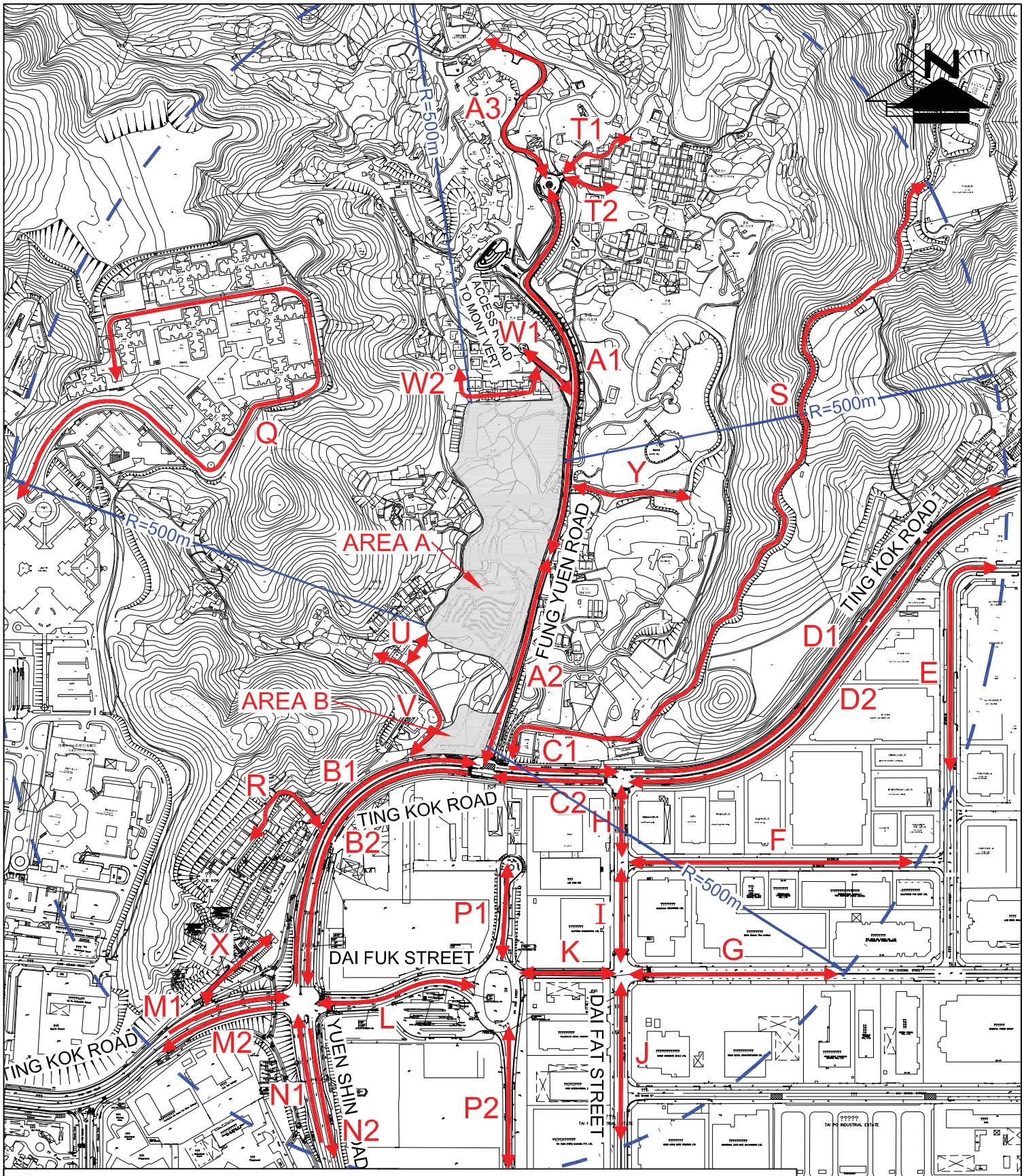
OX	95.57
J/K	17.114


100
90
80
70
60
50
40
30
20
10
0
NO2 in µg/m3
0
50
100
150
200
250
NOx in µg/m3
AQMS Data
Curve

APPENDIX 6

YEAR 2045 TRAFFIC FORECAST

(provided by CTA Consultants Limited)



LEGEND :

DEVELOPMENT SITE

500m RADIUS OF CATCHMENT AREA

ROADS ASSUMED WITH START EMISSIONS

FIGURE NO.: 2	PROJECT TITLE: Rezoning Application at Fung Yuen Road, Tai Po
PROJECT NO.: 25022HK	DRAWING TITLE: INDEX PLAN FOR AQIA (500m)
SCALE: 1 : 6000 @A4	DATE: 12 AUG 2025

CTA Consultants Limited
志達顧問有限公司

Rezoning Application at Fung Yuen Road, Tai Po

ROAD PROFILE FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Road Type	Speed Limit (km/h	Road Length (km)
A1	Fung Yuen Road	2-way	District Distributor	50	0.43
A2	Fung Yuen Road	2-way	District Distributor	50	0.22
A3	Fung Yuen Road	2-way	District Distributor	50	0.22
B1	Ting Kok Road	1-way	Primary Distributor	70	0.38
B2	Ting Kok Road	1-way	Primary Distributor	70	0.38
C1	Ting Kok Road	1-way	Primary Distributor	70	0.11
C2	Ting Kok Road	1-way	Primary Distributor	70	0.11
D1	Ting Kok Road	1-way	Primary Distributor	70	0.54
D2	Ting Kok Road	1-way	Primary Distributor	70	0.54
E	Dai Fu Street	2-way	Local Distributor	50	0.25
F	Dai Wang Street	2-way	Local Distributor	50	0.30
G	Dai Cheong Street	2-way	Local Distributor	50	0.21
H	Dai Fai Street	2-way	Local Distributor	50	0.05
I	Dai Fat Street	2-way	Local Distributor	50	0.08
J	Dai Fai Street	2-way	Local Distributor	50	0.15
K	Dai Hung Street	1-way	Local Distributor	50	0.08
L	Dai Fuk Street	2-way	District Distributor	50	0.08
M1	Ting Kok Road	1-way	Primary Distributor	70	0.13
M2	Ting Kok Road	1-way	Primary Distributor	70	0.13
N1	Yuen Shin Road	1-way	Primary Distributor	70	0.14
N2	Yuen Shin Road	1-way	Primary Distributor	70	0.14
P1	Dai Wah Street	2-way	Local Distributor	50	0.08
P2	Dai Wah Street	2-way	Local Distributor	50	0.13
Q	Roads to Fu Tip Estate	2-way	Local Distributor	50	0.77
R	Access Road from Ting Kok Road to Yue Kok Village	2-way	Local Distributor	50	0.10
S	Access Road from Fung Yuen Road around Fung Yuen Playground	2-way	Local Distributor	50	0.96
T1	Local Road Access to the Fung Yuen Tsuen	2-way	Local Distributor	50	0.07
T2	Local Road Access to the Fung Yuen Tsuen	2-way	Local Distributor	50	0.04
U	Access Road from Ting Kok Road to Fung Mei Wai	2-way	Local Distributor	50	0.01
V	Access Road from Ting Kok Road to Fung Mei Wai	2-way	Local Distributor	50	0.14
W1	From Fung Yuen Road to House 9 of Case Papillon	2-way	Local Distributor	50	0.05
W2	From Fung Yuen Road to House 10 of Case Papillon	2-way	Local Distributor	50	0.11
X	From Ting Kok Road to Yue Kok Village Sitting-Out Area	2-way	Local Distributor	50	0.11
Y	From Fung Yuen Road to Cinderella Farm	2-way	Local Distributor	50	0.13

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
A1	Fung Yuen Road	2-way	0000	0100	59	1.9%	61.8%	23.1%	0.1%	3.2%	0.8%	0.9%	1.0%	0.4%	0.0%	0.1%	5.3%	0.0%	0.1%	0.0%	0.0%	0.1%	1.1%	50	44
			0100	0200	26	1.6%	50.8%	36.2%	0.1%	2.0%	0.5%	2.2%	2.5%	1.0%	0.0%	0.0%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	50	47
			0200	0300	12	1.8%	43.2%	40.3%	0.1%	5.4%	1.4%	3.0%	3.4%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	49
			0300	0400	13	9.4%	30.6%	40.0%	0.1%	4.8%	1.2%	4.7%	5.3%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.9%	50	49
			0400	0500	9	0.0%	22.2%	47.7%	0.2%	7.5%	1.9%	6.7%	7.6%	2.9%	0.0%	1.0%	0.0%	0.2%	0.6%	0.2%	0.0%	0.1%	1.1%	50	49
			0500	0600	27	2.7%	37.2%	27.4%	0.1%	3.8%	1.0%	4.0%	4.6%	2.1%	0.0%	0.4%	12.6%	0.1%	0.2%	0.1%	0.0%	0.2%	3.7%	50	47
			0600	0700	106	2.5%	48.1%	17.4%	0.1%	4.3%	1.1%	1.8%	2.0%	1.1%	0.0%	3.3%	11.8%	0.8%	1.8%	0.7%	0.0%	0.2%	3.0%	50	39
			0700	0800	246	2.7%	58.4%	13.0%	0.1%	4.2%	1.1%	2.1%	2.4%	1.4%	0.0%	3.5%	6.2%	0.8%	1.9%	0.7%	0.0%	0.1%	1.5%	50	30
			0800	0900	280	2.5%	55.3%	17.0%	0.1%	4.2%	1.1%	2.9%	3.3%	1.7%	0.0%	2.9%	4.6%	0.7%	1.6%	0.6%	0.0%	0.1%	1.4%	50	30
			0900	1000	228	2.0%	51.0%	16.0%	0.2%	7.3%	1.9%	4.4%	5.0%	3.1%	0.0%	1.4%	5.1%	0.4%	0.8%	0.3%	0.0%	0.1%	1.2%	50	30
			1000	1100	175	2.8%	47.9%	11.2%	0.2%	9.3%	2.4%	6.4%	7.2%	4.1%	0.0%	0.7%	5.9%	0.2%	0.4%	0.2%	0.0%	0.1%	1.1%	50	32
			1100	1200	178	2.3%	52.2%	8.5%	0.2%	8.9%	2.3%	5.9%	6.7%	3.7%	0.0%	1.0%	6.1%	0.2%	0.5%	0.2%	0.0%	0.1%	1.2%	50	31
			1200	1300	242	3.5%	55.8%	9.0%	0.2%	7.8%	2.0%	4.5%	5.1%	2.4%	0.0%	1.5%	5.6%	0.4%	0.8%	0.3%	0.0%	0.1%	1.1%	50	30
			1300	1400	266	3.4%	55.4%	13.0%	0.1%	5.8%	1.5%	4.4%	5.0%	2.7%	0.0%	1.1%	5.3%	0.3%	0.6%	0.2%	0.0%	0.1%	1.1%	50	30
			1400	1500	241	2.0%	55.2%	10.6%	0.2%	5.9%	1.5%	5.9%	6.7%	3.6%	0.0%	0.9%	5.3%	0.2%	0.5%	0.2%	0.0%	0.1%	1.2%	50	30
			1500	1600	227	2.4%	53.6%	11.5%	0.2%	6.5%	1.7%	5.7%	6.5%	3.2%	0.0%	0.9%	5.7%	0.2%	0.5%	0.2%	0.0%	0.1%	1.2%	50	30
			1600	1700	262	3.0%	54.3%	9.5%	0.2%	8.4%	2.2%	5.0%	5.6%	2.8%	0.0%	1.3%	5.1%	0.3%	0.7%	0.3%	0.0%	0.1%	1.2%	50	30
			1700	1800	289	4.1%	59.9%	9.6%	0.2%	6.1%	1.6%	3.2%	3.6%	1.5%	0.0%	2.1%	4.9%	0.5%	1.1%	0.4%	0.0%	0.1%	1.1%	50	30
			1800	1900	290	3.6%	65.1%	10.2%	0.1%	5.7%	1.5%	1.7%	1.9%	0.8%	0.0%	1.5%	5.2%	0.4%	0.8%	0.3%	0.0%	0.1%	1.1%	50	30
			1900	2000	222	4.5%	62.5%	12.7%	0.1%	4.9%	1.3%	1.0%	1.2%	0.5%	0.0%	1.3%	7.2%	0.3%	0.7%	0.3%	0.0%	0.1%	1.4%	50	30
			2000	2100	169	4.8%	63.2%	12.2%	0.1%	2.8%	0.7%	0.9%	1.0%	0.5%	0.0%	1.6%	9.4%	0.4%	0.9%	0.3%	0.0%	0.1%	1.2%	50	32
			2100	2200	147	4.1%	62.5%	13.9%	0.1%	3.3%	0.8%	0.7%	0.8%	0.4%	0.0%	2.0%	8.3%	0.5%	1.1%	0.4%	0.0%	0.1%	1.3%	50	35
			2200	2300	130	2.9%	59.9%	20.4%	0.1%	2.9%	0.7%	0.7%	0.8%	0.4%	0.0%	1.1%	8.1%	0.3%	0.6%	0.2%	0.0%	0.1%	1.1%	50	36
			2300	2400	84	1.8%	60.4%	20.1%	0.1%	3.1%	0.8%	0.6%	0.7%	0.3%	0.0%	0.9%	8.5%	0.2%	0.5%	0.2%	0.0%	0.1%	1.7%	50	41
A2	Fung Yuen Road	2-way	0000	0100	125	1.9%	61.8%	23.1%	0.1%	3.2%	0.8%	0.9%	1.0%	0.4%	0.0%	0.1%	5.3%	0.0%	0.1%	0.0%	0.0%	0.1%	1.1%	50	37
			0100	0200	53	1.6%	50.8%	36.2%	0.1%	2.0%	0.5%	2.2%	2.5%	1.0%	0.0%	0.0%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	50	44
			0200	0300	25	1.8%	43.2%	40.3%	0.1%	5.4%	1.4%	3.0%	3.4%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	47
			0300	0400	25	9.4%	30.6%	40.0%	0.1%	4.8%	1.2%	4.7%	5.3%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.9%	50	47
			0400	0500	20	0.0%	22.2%	47.7%	0.2%	7.5%	1.9%	6.7%	7.6%	2.9%	0.0%	1.0%	0.0%	0.2%	0.6%	0.2%	0.0%	0.1%	1.1%	50	48
			0500	0600	57	2.7%	37.2%	27.4%	0.1%	3.8%	1.0%	4.0%	4.6%	2.1%	0.0%	0.4%	12.6%	0.1%	0.2%	0.1%	0.0%	0.2%	3.7%	50	44
			0600	0700	221	2.5%	48.1%	17.4%	0.1%	4.3%	1.1%	1.8%	2.0%	1.1%	0.0%	3.3%	11.8%	0.8%	1.8%	0.7%	0.0%	0.2%	3.0%	50	30
			0700	0800	519	2.7%	58.4%	13.0%	0.1%	4.2%	1.1%	2.1%	2.4%	1.4%	0.0%	3.5%	6.2%	0.8%	1.9%	0.7%	0.0%	0.1%	1.5%	50	28
			0800	0900	590	2.5%	55.3%	17.0%	0.1%	4.2%	1.1%	2.9%	3.3%	1.7%	0.0%	2.9%	4.6%	0.7%	1.6%	0.6%	0.0%	0.1%	1.4%	50	28
			0900	1000	478	2.0%	51.0%	16.0%	0.2%	7.3%	1.9%	4.4%	5.0%	3.1%	0.0%	1.4%	5.1%	0.4%	0.8%	0.3%	0.0%	0.1%	1.2%	50	29
			1000	1100	369	2.8%	47.9%	11.2%	0.2%	9.3%	2.4%	6.4%	7.2%	4.1%	0.0%	0.7%	5.9%	0.2%	0.4%	0.2%	0.0%	0.1%	1.1%	50	29
			1100	1200	374	2.3%	52.2%	8.5%	0.2%	8.9%	2.3%	5.9%	6.7%	3.7%	0.0%	1.0%	6.1%	0.2%	0.5%	0.2%	0.0%	0.1%	1.2%	50	29
			1200	1300	468	3.5%	55.8%	9.0%	0.2%	7.8%	2.0%	4.5%	5.1%	2.4%	0.0%	1.5%	5.6%	0.4%	0.8%	0.3%	0.0%	0.1%	1.1%	50	29
			1300	1400	513	3.4%	55.4%	13.0%	0.1%	5.8%	1.5%	4.4%	5.0%	2.7%	0.0%	1.1%	5.3%	0.3%	0.6%	0.2%	0.0%	0.1%	1.1%	50	28
			1400	1500	465	2.0%	55.2%	10.6%	0.2%	5.9%	1.5%	5.9%	6.7%	3.6%	0.0%	0.9%	5.3%	0.2%	0.5%	0.2%	0.0%	0.1%	1.2%	50	29
			1500	1600	436	2.4%	53.6%	11.5%	0.2%	6.5%	1.7%	5.7%	6.5%	3.2%	0.0%	0.9%	5.7%	0.2%	0.5%	0.2%	0.0%	0.1%	1.2%	50	29
			1600	1700	506	3.0%	54.3%	9.5%	0.2%	8.4%	2.2%	5.0%	5.6%	2.8%	0.0%	1.3%	5.1%	0.3%	0.7%	0.3%	0.0%	0.1%	1.2%	50	29
			1700	1800	558	4.1%	59.9%	9.6%	0.2%	6.1%	1.6%	3.2%	3.6%	1.5%	0.0%	2.1%	4.9%	0.5%	1.1%	0.4%	0.0%	0.1%	1.1%	50	28
			1800	1900	560	3.6%	65.1%	10.2%	0.1%	5.7%	1.5%	1.7%	1.9%	0.8%	0.0%	1.5%	5.2%	0.4%	0.8%	0.3%	0.0%	0.1%	1.1%	50	28
			1900	2000	429	4.5%	62.5%	12.7%	0.1%	4.9%	1.3%	1.0%	1.2%	0.5%	0.0%	1.3%	7.2%	0.3%	0.7%	0.3%	0.0%	0.1%	1.4%	50	29
			2000	2100	327	4.8%	63.2%	12.2%	0.1%	2.8%	0.7%	0.9%	1.0%	0.5%	0.0%	1.6%	9.4%	0.4%	0.9%	0.3%	0.0%	0.1%	1.2%	50	29
			2100	2200	285	4.1%	62.5%	13.9%	0.1%	3.3%	0.8%	0.7%	0.8%	0.4%	0.0%	2.0%	8.3%	0.5%	1.1%	0.4%	0.0%	0.1%	1.3%	50	30
			2200	2300	251	2.9%	59.9%	20.4%	0.1%	2.9%	0.7%	0.7%	0.8%	0.4%	0.0%	1.1%	8.1%	0.3%	0.6%	0.2%	0.0%	0.1%	1.1%	50	30
			2300	2400	162	1.8%	60.4%	20.1%	0.1%	3.1%	0.8%	0.6%	0.7%	0.3%	0.0%	0.9%	8.5%	0.2%	0.5%	0.2%	0.0%	0.1%	1.7%	50	33

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
A3	Fung Yuen Road	2-way	0000	0100	4	5.4%	58.3%	25.1%	0.0%	0.0%	0.0%	0.3%	0.4%	0.1%	0.0%	0.5%	8.0%	0.1%	0.3%	0.1%	0.0%	0.1%	1.3%	50	49
			0100	0200	4	2.1%	50.3%	33.7%	0.0%	0.0%	0.0%	0.9%	1.0%	0.2%	0.0%	0.0%	10.1%	0.0%	0.0%	0.0%	0.0%	0.1%	1.7%	50	49
			0200	0300	4	1.6%	39.0%	54.6%	0.0%	0.0%	0.0%	1.4%	1.7%	0.6%	0.0%	0.0%	0.0%	0.3%	0.3%	0.2%	0.0%	0.0%	0.2%	50	49
			0300	0400	4	3.1%	46.1%	39.9%	0.0%	0.0%	0.0%	2.8%	2.8%	0.9%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%	50	49
			0400	0500	4	1.5%	40.8%	50.3%	0.0%	0.0%	0.0%	1.5%	1.8%	0.8%	0.0%	0.0%	0.0%	0.3%	0.8%	0.3%	0.0%	0.2%	1.7%	50	49
			0500	0600	4	1.6%	45.4%	23.1%	0.0%	0.0%	0.0%	2.7%	2.3%	0.6%	0.0%	2.3%	16.3%	0.3%	0.8%	0.3%	0.0%	0.2%	4.0%	50	49
			0600	0700	8	2.2%	47.3%	16.6%	0.0%	0.0%	0.0%	0.8%	1.0%	0.3%	0.0%	2.9%	20.1%	1.8%	4.2%	1.6%	0.0%	0.1%	1.1%	50	48
			0700	0800	16	2.1%	58.4%	16.0%	0.0%	0.0%	0.0%	0.9%	1.0%	1.4%	0.0%	1.7%	12.4%	1.5%	3.0%	1.3%	0.0%	0.0%	0.4%	50	45
			0800	0900	20	2.0%	54.0%	20.0%	0.0%	0.0%	0.0%	1.3%	1.5%	0.6%	0.0%	2.7%	11.7%	1.4%	3.3%	1.3%	0.0%	0.0%	0.3%	50	44
			0900	1000	16	1.4%	55.9%	19.3%	0.0%	0.0%	0.0%	1.9%	2.1%	0.8%	0.0%	1.7%	13.3%	0.7%	1.9%	0.7%	0.0%	0.0%	0.3%	50	45
			1000	1100	12	2.3%	54.5%	15.1%	0.0%	0.0%	0.0%	2.7%	3.1%	1.1%	0.0%	2.1%	15.1%	0.9%	1.8%	0.9%	0.0%	0.2%	0.3%	50	47
			1100	1200	12	1.9%	54.9%	12.1%	0.0%	0.0%	0.0%	2.6%	2.9%	1.0%	0.0%	2.6%	15.7%	0.5%	1.1%	0.4%	0.0%	0.0%	4.4%	50	47
			1200	1300	16	2.3%	54.4%	18.0%	0.0%	0.0%	0.0%	2.2%	2.4%	0.5%	0.0%	0.6%	16.7%	0.5%	1.4%	0.6%	0.0%	0.2%	0.3%	50	45
			1300	1400	16	2.8%	55.6%	23.3%	0.0%	0.0%	0.0%	1.2%	1.3%	0.5%	0.0%	0.5%	12.8%	0.4%	0.9%	0.6%	0.0%	0.2%	0.0%	50	45
			1400	1500	16	2.1%	54.8%	20.4%	0.0%	0.0%	0.0%	1.4%	1.8%	0.6%	0.0%	1.9%	14.1%	0.6%	1.2%	1.1%	0.0%	0.1%	0.0%	50	45
			1500	1600	16	2.4%	54.3%	20.0%	0.0%	0.0%	0.0%	1.4%	1.6%	0.6%	0.0%	0.5%	16.5%	0.6%	1.6%	0.2%	0.0%	0.2%	0.0%	50	45
			1600	1700	16	2.3%	59.6%	17.3%	0.0%	0.0%	0.0%	2.6%	1.3%	0.5%	0.0%	0.5%	14.1%	0.4%	0.9%	0.3%	0.0%	0.2%	0.0%	50	45
			1700	1800	20	3.4%	60.9%	17.6%	0.0%	0.0%	0.0%	0.7%	0.8%	0.3%	0.0%	0.4%	13.3%	0.6%	1.4%	0.5%	0.0%	0.0%	0.0%	50	44
			1800	1900	20	1.4%	64.1%	19.5%	0.0%	0.0%	0.0%	0.4%	0.4%	0.2%	0.0%	0.3%	11.5%	0.5%	1.2%	0.5%	0.0%	0.0%	0.0%	50	44
			1900	2000	16	3.6%	63.4%	18.7%	0.0%	0.0%	0.0%	0.3%	0.3%	0.1%	0.0%	0.3%	11.6%	0.4%	1.0%	0.3%	0.0%	0.0%	0.0%	50	45
			2000	2100	12	3.1%	54.7%	23.1%	0.0%	0.0%	0.0%	0.4%	0.5%	0.2%	0.0%	0.5%	16.0%	0.4%	0.8%	0.3%	0.0%	0.0%	0.0%	50	47
			2100	2200	20	2.4%	60.3%	17.7%	0.0%	0.0%	0.0%	0.2%	0.2%	0.1%	0.0%	0.3%	17.0%	0.4%	1.0%	0.4%	0.0%	0.0%	0.0%	50	44
			2200	2300	8	1.8%	53.8%	26.0%	0.0%	0.0%	0.0%	0.4%	0.4%	0.3%	0.0%	0.3%	15.8%	0.3%	0.6%	0.3%	0.0%	0.0%	0.0%	50	48
			2300	2400	4	2.3%	49.4%	30.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.0%	0.1%	17.0%	0.2%	0.3%	0.2%	0.0%	0.0%	0.0%	50	49
B1	Ting Kok Road	1-way	0000	0100	416	2.2%	64.4%	22.4%	0.1%	2.2%	0.6%	0.7%	0.7%	0.3%	0.0%	0.3%	5.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.8%	70	68
			0100	0200	154	1.5%	51.5%	36.4%	0.0%	1.2%	0.3%	2.1%	2.3%	0.9%	0.0%	0.0%	2.3%	0.0%	0.0%	0.0%	0.0%	0.1%	1.4%	70	69
			0200	0300	76	1.5%	51.5%	39.4%	0.1%	2.4%	0.6%	1.8%	2.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0300	0400	76	3.0%	45.5%	34.9%	0.1%	3.6%	0.9%	4.7%	5.3%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0400	0500	58	0.0%	28.6%	40.8%	0.2%	8.0%	2.0%	6.4%	7.2%	2.8%	0.0%	2.0%	0.0%	0.5%	1.1%	0.4%	0.0%	0.0%	0.0%	70	70
			0500	0600	145	3.2%	32.8%	26.4%	0.0%	1.3%	0.3%	4.4%	4.9%	1.9%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.2%	4.6%	70	69
			0600	0700	425	2.7%	34.0%	22.2%	0.1%	3.6%	0.9%	1.8%	2.1%	1.3%	0.0%	5.2%	16.2%	1.3%	2.9%	1.1%	0.0%	0.2%	4.4%	70	68
			0700	0800	922	3.3%	46.0%	16.9%	0.1%	3.6%	0.9%	2.7%	3.1%	1.6%	0.0%	5.8%	8.3%	1.4%	3.2%	1.2%	0.0%	0.1%	1.8%	70	66
			0800	0900	1600	2.2%	52.5%	18.4%	0.1%	3.7%	0.9%	3.2%	3.6%	2.1%	0.0%	3.5%	4.7%	0.8%	1.9%	0.7%	0.0%	0.1%	1.5%	70	62
			0900	1000	1250	2.1%	46.2%	17.4%	0.2%	7.5%	1.9%	5.3%	6.0%	3.8%	0.0%	1.6%	5.2%	0.4%	0.9%	0.3%	0.0%	0.1%	1.2%	70	64
			1000	1100	900	2.6%	44.0%	11.3%	0.2%	9.3%	2.4%	7.5%	8.5%	5.0%	0.0%	0.7%	6.6%	0.2%	0.4%	0.1%	0.0%	0.1%	1.2%	70	66
			1100	1200	899	1.8%	48.5%	10.3%	0.2%	8.8%	2.3%	6.3%	7.1%	3.8%	0.0%	1.3%	6.9%	0.3%	0.7%	0.3%	0.0%	0.1%	1.4%	70	66
			1200	1300	1116	4.8%	54.2%	9.1%	0.2%	6.3%	1.6%	5.4%	6.0%	2.7%	0.0%	1.5%	5.7%	0.4%	0.8%	0.3%	0.0%	0.1%	1.0%	70	65
			1300	1400	1422	3.3%	54.8%	12.4%	0.2%	6.4%	1.6%	4.9%	5.5%	3.4%	0.0%	1.1%	4.6%	0.3%	0.6%	0.2%	0.0%	0.1%	0.9%	70	64
			1400	1500	1194	2.5%	54.6%	11.0%	0.2%	5.8%	1.5%	6.0%	6.8%	3.1%	0.0%	1.1%	5.2%	0.3%	0.6%	0.2%	0.0%	0.1%	1.1%	70	65
			1500	1600	1100	2.7%	53.8%	11.2%	0.1%	5.3%	1.3%	6.6%	7.5%	3.2%	0.0%	0.9%	5.4%	0.2%	0.5%	0.2%	0.0%	0.1%	1.0%	70	65
			1600	1700	1253	2.4%	55.8%	11.4%	0.2%	6.2%	1.6%	5.0%	5.6%	2.6%	0.0%	1.6%	5.1%	0.4%	0.9%	0.3%	0.0%	0.1%	1.0%	70	64
			1700	1800	1404	3.5%	62.3%	10.7%	0.1%	4.7%	1.2%	3.3%	3.7%	1.6%	0.0%	1.6%	4.7%	0.4%	0.9%	0.3%	0.0%	0.1%	1.1%	70	64
			1800	1900	1610	3.5%	66.9%	10.4%	0.1%	4.8%	1.2%	2.0%	2.3%	1.0%	0.0%	1.2%	4.4%	0.3%	0.7%	0.3%	0.0%	0.1%	1.0%	70	62
			1900	2000	1398	3.5%	68.5%	10.9%	0.1%	4.9%	1.2%	0.9%	1.0%	0.4%	0.0%	1.1%	5.6%	0.3%	0.6%	0.2%	0.0%	0.0%	0.7%	70	64
			2000	2100	1070	3.8%	68.5%	11.6%	0.1%	3.2%	0.8%	1.2%	1.3%	0.6%	0.0%	1.1%	5.9%	0.3%	0.6%	0.2%	0.0%	0.0%	0.6%	70	65
			2100	2200	928	4.7%	66.1%	13.3%	0.1%	3.5%	0.9%	0.5%	0.5%	0.3%	0.0%	1.7%	5.9%	0.4%	0.9%	0.4%	0.0%	0.1%	0.9%	70	66
			2200	2300	797	2.7%	67.6%	17.4%	0.1%	2.2%	0.6%	0.3%	0.3%	0.3%	0.0%	0.6%	6.3%	0.1%	0.3%	0.1%	0.0%	0.1%	1.0%	70	66
			2300	2400	482	2.2%	65.3%	18.9%	0.1%	2.9%	0.7%	0.5%	0.6%	0.2%	0.0%	0.7%	6.2%	0.2%	0.4%	0.2%	0.0%	0.1%	0.9%	70	68

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
B2	Ting Kok Road	1-way	0000	0100	266	1.5%	59.2%	23.9%	0.1%	4.3%	1.1%	1.2%	1.3%	0.5%	0.0%	0.0%	5.5%	0.0%	0.0%	0.0%	0.0%	0.1%	1.4%	70	69
			0100	0200	151	1.8%	50.0%	36.0%	0.1%	2.7%	0.7%	2.4%	2.7%	1.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	69
			0200	0300	60	2.2%	34.8%	41.3%	0.2%	8.5%	2.2%	4.2%	4.8%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0300	0400	67	15.7%	15.7%	45.1%	0.2%	6.1%	1.6%	4.6%	5.2%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	1.9%	70	70
			0400	0500	59	0.0%	15.9%	54.6%	0.2%	7.1%	1.8%	7.1%	8.0%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.2%	70	70
			0500	0600	182	2.2%	41.6%	28.5%	0.2%	6.3%	1.6%	3.7%	4.2%	2.3%	0.0%	0.7%	5.1%	0.2%	0.4%	0.2%	0.0%	0.2%	2.8%	70	69
			0600	0700	917	2.3%	62.1%	12.6%	0.1%	5.0%	1.3%	1.8%	2.0%	0.8%	0.0%	1.5%	7.5%	0.4%	0.8%	0.3%	0.0%	0.1%	1.5%	70	66
			0700	0800	2255	2.1%	70.9%	9.0%	0.1%	4.8%	1.2%	1.5%	1.7%	1.1%	0.0%	1.1%	4.1%	0.3%	0.6%	0.2%	0.0%	0.1%	1.2%	70	49
			0800	0900	1780	2.9%	58.1%	15.6%	0.1%	4.8%	1.2%	2.6%	2.9%	1.3%	0.0%	2.4%	4.5%	0.6%	1.3%	0.5%	0.0%	0.1%	1.3%	70	59
			0900	1000	1514	1.9%	55.8%	14.6%	0.2%	7.0%	1.8%	3.6%	4.1%	2.4%	0.0%	1.3%	4.9%	0.3%	0.7%	0.3%	0.0%	0.1%	1.1%	70	63
			1000	1100	1259	3.0%	51.8%	11.1%	0.2%	9.3%	2.4%	5.2%	5.8%	3.3%	0.0%	0.8%	5.3%	0.2%	0.5%	0.2%	0.0%	0.1%	1.0%	70	64
			1100	1200	1291	2.9%	55.8%	6.7%	0.2%	9.1%	2.3%	5.5%	6.2%	3.5%	0.0%	0.6%	5.3%	0.2%	0.3%	0.1%	0.0%	0.1%	1.1%	70	64
			1200	1300	1359	2.2%	57.4%	8.8%	0.2%	9.3%	2.4%	3.7%	4.2%	2.1%	0.0%	1.4%	5.5%	0.3%	0.8%	0.3%	0.0%	0.1%	1.3%	70	64
			1300	1400	1309	3.6%	56.0%	13.7%	0.1%	5.2%	1.3%	4.0%	4.5%	2.1%	0.0%	1.1%	6.0%	0.3%	0.6%	0.2%	0.0%	0.1%	1.3%	70	64
			1400	1500	1268	1.5%	55.9%	10.1%	0.2%	5.9%	1.5%	5.9%	6.6%	4.2%	0.0%	0.8%	5.4%	0.2%	0.4%	0.2%	0.0%	0.1%	1.2%	70	64
			1500	1600	1209	2.2%	53.4%	11.9%	0.2%	7.7%	2.0%	4.8%	5.5%	3.1%	0.0%	0.9%	6.0%	0.2%	0.5%	0.2%	0.0%	0.1%	1.3%	70	65
			1600	1700	1419	3.6%	52.8%	7.6%	0.3%	10.7%	2.7%	5.0%	5.6%	3.0%	0.0%	1.1%	5.2%	0.3%	0.6%	0.2%	0.0%	0.1%	1.4%	70	64
			1700	1800	1550	4.8%	57.5%	8.6%	0.2%	7.6%	1.9%	3.1%	3.5%	1.4%	0.0%	2.5%	5.2%	0.6%	1.4%	0.5%	0.0%	0.1%	1.2%	70	63
			1800	1900	1370	3.7%	63.3%	10.1%	0.2%	6.5%	1.7%	1.4%	1.6%	0.7%	0.0%	1.8%	6.0%	0.4%	1.0%	0.4%	0.0%	0.1%	1.2%	70	64
			1900	2000	899	5.5%	56.5%	14.6%	0.1%	5.0%	1.3%	1.1%	1.3%	0.7%	0.0%	1.5%	8.7%	0.4%	0.8%	0.3%	0.0%	0.1%	2.0%	70	66
			2000	2100	678	5.9%	57.9%	12.8%	0.1%	2.4%	0.6%	0.6%	0.7%	0.3%	0.0%	2.0%	12.8%	0.5%	1.1%	0.4%	0.0%	0.1%	1.7%	70	67
			2100	2200	600	3.5%	58.9%	14.5%	0.1%	3.1%	0.8%	0.9%	1.0%	0.4%	0.0%	2.3%	10.6%	0.6%	1.3%	0.5%	0.0%	0.1%	1.8%	70	67
			2200	2300	544	3.0%	52.2%	23.3%	0.1%	3.6%	0.9%	1.1%	1.2%	0.5%	0.0%	1.5%	9.9%	0.4%	0.8%	0.3%	0.0%	0.1%	1.2%	70	68
			2300	2400	382	1.4%	55.6%	21.3%	0.1%	3.4%	0.9%	0.7%	0.8%	0.3%	0.0%	1.1%	10.8%	0.3%	0.6%	0.2%	0.0%	0.1%	2.4%	70	68
C1	Ting Kok Road	1-way	0000	0100	369	2.2%	64.4%	22.4%	0.1%	2.2%	0.6%	0.7%	0.7%	0.3%	0.0%	0.3%	5.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.8%	70	68
			0100	0200	137	1.5%	51.5%	36.4%	0.0%	1.2%	0.3%	2.1%	2.3%	0.9%	0.0%	0.0%	2.3%	0.0%	0.0%	0.0%	0.0%	0.1%	1.4%	70	69
			0200	0300	68	1.5%	51.5%	39.4%	0.1%	2.4%	0.6%	1.8%	2.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0300	0400	68	3.0%	45.5%	34.9%	0.1%	3.6%	0.9%	4.7%	5.3%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0400	0500	51	0.0%	28.6%	40.8%	0.2%	8.0%	2.0%	6.4%	7.2%	2.8%	0.0%	2.0%	0.0%	0.5%	1.1%	0.4%	0.0%	0.0%	0.0%	70	70
			0500	0600	130	3.2%	32.8%	26.4%	0.0%	1.3%	0.3%	4.4%	4.9%	1.9%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.2%	4.6%	70	69
			0600	0700	377	2.7%	34.0%	22.2%	0.1%	3.6%	0.9%	1.8%	2.1%	1.3%	0.0%	5.2%	16.2%	1.3%	2.9%	1.1%	0.0%	0.2%	4.4%	70	68
			0700	0800	818	3.3%	46.0%	16.9%	0.1%	3.6%	0.9%	2.7%	3.1%	1.6%	0.0%	5.8%	8.3%	1.4%	3.2%	1.2%	0.0%	0.1%	1.8%	70	66
			0800	0900	1420	2.2%	52.5%	18.4%	0.1%	3.7%	0.9%	3.2%	3.6%	2.1%	0.0%	3.5%	4.7%	0.8%	1.9%	0.7%	0.0%	0.1%	1.5%	70	64
			0900	1000	1110	2.1%	46.2%	17.4%	0.2%	7.5%	1.9%	5.3%	6.0%	3.8%	0.0%	1.6%	5.2%	0.4%	0.9%	0.3%	0.0%	0.1%	1.2%	70	65
			1000	1100	799	2.6%	44.0%	11.3%	0.2%	9.3%	2.4%	7.5%	8.5%	5.0%	0.0%	0.7%	6.6%	0.2%	0.4%	0.1%	0.0%	0.1%	1.2%	70	66
			1100	1200	797	1.8%	48.5%	10.3%	0.2%	8.8%	2.3%	6.3%	7.1%	3.8%	0.0%	1.3%	6.9%	0.3%	0.7%	0.3%	0.0%	0.1%	1.4%	70	66
			1200	1300	950	4.8%	54.2%	9.1%	0.2%	6.3%	1.6%	5.4%	6.0%	2.7%	0.0%	1.5%	5.7%	0.4%	0.8%	0.3%	0.0%	0.1%	1.0%	70	66
			1300	1400	1209	3.3%	54.8%	12.4%	0.2%	6.4%	1.6%	4.9%	5.5%	3.4%	0.0%	1.1%	4.6%	0.3%	0.6%	0.2%	0.0%	0.1%	0.9%	70	65
			1400	1500	1015	2.5%	54.6%	11.0%	0.2%	5.8%	1.5%	6.0%	6.8%	3.1%	0.0%	1.1%	5.2%	0.3%	0.6%	0.2%	0.0%	0.1%	1.1%	70	65
			1500	1600	936	2.7%	53.8%	11.2%	0.1%	5.3%	1.3%	6.6%	7.5%	3.2%	0.0%	0.9%	5.4%	0.2%	0.5%	0.2%	0.0%	0.1%	1.0%	70	66
			1600	1700	1067	2.4%	55.8%	11.4%	0.2%	6.2%	1.6%	5.0%	5.6%	2.6%	0.0%	1.6%	5.1%	0.4%	0.9%	0.3%	0.0%	0.1%	1.0%	70	65
			1700	1800	1195	3.5%	62.3%	10.7%	0.1%	4.7%	1.2%	3.3%	3.7%	1.6%	0.0%	1.6%	4.7%	0.4%	0.9%	0.3%	0.0%	0.1%	1.1%	70	65
			1800	1900	1370	3.5%	66.9%	10.4%	0.1%	4.8%	1.2%	2.0%	2.3%	1.0%	0.0%	1.2%	4.4%	0.3%	0.7%	0.3%	0.0%	0.1%	1.0%	70	64
			1900	2000	1190	3.5%	68.5%	10.9%	0.1%	4.9%	1.2%	0.9%	1.0%	0.4%	0.0%	1.1%	5.6%	0.3%	0.6%	0.2%	0.0%	0.0%	0.7%	70	65
			2000	2100	910	3.8%	68.5%	11.6%	0.1%	3.2%	0.8%	1.2%	1.3%	0.6%	0.0%	1.1%	5.9%	0.3%	0.6%	0.2%	0.0%	0.0%	0.6%	70	66
			2100	2200	789	4.7%	66.1%	13.3%	0.1%	3.5%	0.9%	0.5%	0.5%	0.3%	0.0%	1.7%	5.9%	0.4%	0.9%	0.4%	0.0%	0.1%	0.9%	70	66
			2200	2300	678	2.7%	67.6%	17.4%	0.1%	2.2%	0.6%	0.3%	0.3%	0.3%	0.0%	0.6%	6.3%	0.1%	0.3%	0.1%	0.0%	0.1%	1.0%	70	67
			2300	2400	410	2.2%	65.3%	18.9%	0.1%	2.9%	0.7%	0.5%	0.6%	0.2%	0.0%	0.7%	6.2%	0.2%	0.4%	0.2%	0.0%	0.1%	0.9%	70	68

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
C2	Ting Kok Road	1-way	0000	0100	226	1.5%	59.2%	23.9%	0.1%	4.3%	1.1%	1.2%	1.3%	0.5%	0.0%	0.0%	5.5%	0.0%	0.0%	0.0%	0.0%	0.1%	1.4%	70	69
			0100	0200	128	1.8%	50.0%	36.0%	0.1%	2.7%	0.7%	2.4%	2.7%	1.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	69
			0200	0300	52	2.2%	34.8%	41.3%	0.2%	8.5%	2.2%	4.2%	4.8%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0300	0400	57	15.7%	15.7%	45.1%	0.2%	6.1%	1.6%	4.6%	5.2%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	1.9%	70	70
			0400	0500	49	0.0%	15.9%	54.6%	0.2%	7.1%	1.8%	7.1%	8.0%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.2%	70	70
			0500	0600	154	2.2%	41.6%	28.5%	0.2%	6.3%	1.6%	3.7%	4.2%	2.3%	0.0%	0.7%	5.1%	0.2%	0.4%	0.2%	0.0%	0.2%	2.8%	70	69
			0600	0700	778	2.3%	62.1%	12.6%	0.1%	5.0%	1.3%	1.8%	2.0%	0.8%	0.0%	1.5%	7.5%	0.4%	0.8%	0.3%	0.0%	0.1%	1.5%	70	67
			0700	0800	1914	2.1%	70.9%	9.0%	0.1%	4.8%	1.2%	1.5%	1.7%	1.1%	0.0%	1.1%	4.1%	0.3%	0.6%	0.2%	0.0%	0.1%	1.2%	70	56
			0800	0900	1510	2.9%	58.1%	15.6%	0.1%	4.8%	1.2%	2.6%	2.9%	1.3%	0.0%	2.4%	4.5%	0.6%	1.3%	0.5%	0.0%	0.1%	1.3%	70	63
			0900	1000	1284	1.9%	55.8%	14.6%	0.2%	7.0%	1.8%	3.6%	4.1%	2.4%	0.0%	1.3%	4.9%	0.3%	0.7%	0.3%	0.0%	0.1%	1.1%	70	64
			1000	1100	1068	3.0%	51.8%	11.1%	0.2%	9.3%	2.4%	5.2%	5.8%	3.3%	0.0%	0.8%	5.3%	0.2%	0.5%	0.2%	0.0%	0.1%	1.0%	70	65
			1100	1200	1096	2.9%	55.8%	6.7%	0.2%	9.1%	2.3%	5.5%	6.2%	3.5%	0.0%	0.6%	5.3%	0.2%	0.3%	0.1%	0.0%	0.1%	1.1%	70	65
			1200	1300	1151	2.2%	57.4%	8.8%	0.2%	9.3%	2.4%	3.7%	4.2%	2.1%	0.0%	1.4%	5.5%	0.3%	0.8%	0.3%	0.0%	0.1%	1.3%	70	65
			1300	1400	1109	3.6%	56.0%	13.7%	0.1%	5.2%	1.3%	4.0%	4.5%	2.1%	0.0%	1.1%	6.0%	0.3%	0.6%	0.2%	0.0%	0.1%	1.3%	70	65
			1400	1500	1074	1.5%	55.9%	10.1%	0.2%	5.9%	1.5%	5.9%	6.6%	4.2%	0.0%	0.8%	5.4%	0.2%	0.4%	0.2%	0.0%	0.1%	1.2%	70	65
			1500	1600	1024	2.2%	53.4%	11.9%	0.2%	7.7%	2.0%	4.8%	5.5%	3.1%	0.0%	0.9%	6.0%	0.2%	0.5%	0.2%	0.0%	0.1%	1.3%	70	65
			1600	1700	1202	3.6%	52.8%	7.6%	0.3%	10.7%	2.7%	5.0%	5.6%	3.0%	0.0%	1.1%	5.2%	0.3%	0.6%	0.2%	0.0%	0.1%	1.4%	70	65
			1700	1800	1311	4.8%	57.5%	8.6%	0.2%	7.6%	1.9%	3.1%	3.5%	1.4%	0.0%	2.5%	5.2%	0.6%	1.4%	0.5%	0.0%	0.1%	1.2%	70	64
			1800	1900	1160	3.7%	63.3%	10.1%	0.2%	6.5%	1.7%	1.4%	1.6%	0.7%	0.0%	1.8%	6.0%	0.4%	1.0%	0.4%	0.0%	0.1%	1.2%	70	65
			1900	2000	761	5.5%	56.5%	14.6%	0.1%	5.0%	1.3%	1.1%	1.3%	0.7%	0.0%	1.5%	8.7%	0.4%	0.8%	0.3%	0.0%	0.1%	2.0%	70	67
			2000	2100	574	5.9%	57.9%	12.8%	0.1%	2.4%	0.6%	0.6%	0.7%	0.3%	0.0%	2.0%	12.8%	0.5%	1.1%	0.4%	0.0%	0.1%	1.7%	70	67
			2100	2200	508	3.5%	58.9%	14.5%	0.1%	3.1%	0.8%	0.9%	1.0%	0.4%	0.0%	2.3%	10.6%	0.6%	1.3%	0.5%	0.0%	0.1%	1.8%	70	68
			2200	2300	461	3.0%	52.2%	23.3%	0.1%	3.6%	0.9%	1.1%	1.2%	0.5%	0.0%	1.5%	9.9%	0.4%	0.8%	0.3%	0.0%	0.1%	1.2%	70	68
			2300	2400	323	1.4%	55.6%	21.3%	0.1%	3.4%	0.9%	0.7%	0.8%	0.3%	0.0%	1.1%	10.8%	0.3%	0.6%	0.2%	0.0%	0.1%	2.4%	70	69
D1	Ting Kok Road	1-way	0000	0100	292	2.2%	64.4%	22.4%	0.1%	2.2%	0.6%	0.7%	0.7%	0.3%	0.0%	0.3%	5.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.8%	70	69
			0100	0200	107	1.5%	51.5%	36.4%	0.0%	1.2%	0.3%	2.1%	2.3%	0.9%	0.0%	0.0%	2.3%	0.0%	0.0%	0.0%	0.0%	0.1%	1.4%	70	70
			0200	0300	54	1.5%	51.5%	39.4%	0.1%	2.4%	0.6%	1.8%	2.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0300	0400	54	3.0%	45.5%	34.9%	0.1%	3.6%	0.9%	4.7%	5.3%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0400	0500	40	0.0%	28.6%	40.8%	0.2%	8.0%	2.0%	6.4%	7.2%	2.8%	0.0%	2.0%	0.0%	0.5%	1.1%	0.4%	0.0%	0.0%	0.0%	70	70
			0500	0600	102	3.2%	32.8%	26.4%	0.0%	1.3%	0.3%	4.4%	4.9%	1.9%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.2%	4.6%	70	70
			0600	0700	298	2.7%	34.0%	22.2%	0.1%	3.6%	0.9%	1.8%	2.1%	1.3%	0.0%	5.2%	16.2%	1.3%	2.9%	1.1%	0.0%	0.2%	4.4%	70	69
			0700	0800	645	3.3%	46.0%	16.9%	0.1%	3.6%	0.9%	2.7%	3.1%	1.6%	0.0%	5.8%	8.3%	1.4%	3.2%	1.2%	0.0%	0.1%	1.8%	70	67
			0800	0900	1120	2.2%	52.5%	18.4%	0.1%	3.7%	0.9%	3.2%	3.6%	2.1%	0.0%	3.5%	4.7%	0.8%	1.9%	0.7%	0.0%	0.1%	1.5%	70	65
			0900	1000	875	2.1%	46.2%	17.4%	0.2%	7.5%	1.9%	5.3%	6.0%	3.8%	0.0%	1.6%	5.2%	0.4%	0.9%	0.3%	0.0%	0.1%	1.2%	70	66
			1000	1100	630	2.6%	44.0%	11.3%	0.2%	9.3%	2.4%	7.5%	8.5%	5.0%	0.0%	0.7%	6.6%	0.2%	0.4%	0.1%	0.0%	0.1%	1.2%	70	67
			1100	1200	629	1.8%	48.5%	10.3%	0.2%	8.8%	2.3%	6.3%	7.1%	3.8%	0.0%	1.3%	6.9%	0.3%	0.7%	0.3%	0.0%	0.1%	1.4%	70	67
			1200	1300	845	4.8%	54.2%	9.1%	0.2%	6.3%	1.6%	5.4%	6.0%	2.7%	0.0%	1.5%	5.7%	0.4%	0.8%	0.3%	0.0%	0.1%	1.0%	70	66
			1300	1400	1076	3.3%	54.8%	12.4%	0.2%	6.4%	1.6%	4.9%	5.5%	3.4%	0.0%	1.1%	4.6%	0.3%	0.6%	0.2%	0.0%	0.1%	0.9%	70	65
			1400	1500	904	2.5%	54.6%	11.0%	0.2%	5.8%	1.5%	6.0%	6.8%	3.1%	0.0%	1.1%	5.2%	0.3%	0.6%	0.2%	0.0%	0.1%	1.1%	70	66
			1500	1600	834	2.7%	53.8%	11.2%	0.1%	5.3%	1.3%	6.6%	7.5%	3.2%	0.0%	0.9%	5.4%	0.2%	0.5%	0.2%	0.0%	0.1%	1.0%	70	66
			1600	1700	950	2.4%	55.8%	11.4%	0.2%	6.2%	1.6%	5.0%	5.6%	2.6%	0.0%	1.6%	5.1%	0.4%	0.9%	0.3%	0.0%	0.1%	1.0%	70	66
			1700	1800	1064	3.5%	62.3%	10.7%	0.1%	4.7%	1.2%	3.3%	3.7%	1.6%	0.0%	1.6%	4.7%	0.4%	0.9%	0.3%	0.0%	0.1%	1.1%	70	65
			1800	1900	1220	3.5%	66.9%	10.4%	0.1%	4.8%	1.2%	2.0%	2.3%	1.0%	0.0%	1.2%	4.4%	0.3%	0.7%	0.3%	0.0%	0.1%	1.0%	70	65
			1900	2000	1059	3.5%	68.5%	10.9%	0.1%	4.9%	1.2%	0.9%	1.0%	0.4%	0.0%	1.1%	5.6%	0.3%	0.6%	0.2%	0.0%	0.0%	0.7%	70	65
			2000	2100	811	3.8%	68.5%	11.6%	0.1%	3.2%	0.8%	1.2%	1.3%	0.6%	0.0%	1.1%	5.9%	0.3%	0.6%	0.2%	0.0%	0.0%	0.6%	70	66
			2100	2200	703	4.7%	66.1%	13.3%	0.1%	3.5%	0.9%	0.5%	0.5%	0.3%	0.0%	1.7%	5.9%	0.4%	0.9%	0.4%	0.0%	0.1%	0.9%	70	67
			2200	2300	603	2.7%	67.6%	17.4%	0.1%	2.2%	0.6%	0.3%	0.3%	0.3%	0.0%	0.6%	6.3%	0.1%	0.3%	0.1%	0.0%	0.1%	1.0%	70	67
			2300	2400	365	2.2%	65.3%	18.9%	0.1%	2.9%	0.7%	0.5%	0.6%	0.2%	0.0%	0.7%	6.2%	0.2%	0.4%	0.2%	0.0%	0.1%	0.9%	70	68

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
D2	Ting Kok Road	1-way	0000	0100	205	1.5%	59.2%	23.9%	0.1%	4.3%	1.1%	1.2%	1.3%	0.5%	0.0%	0.0%	5.5%	0.0%	0.0%	0.0%	0.0%	0.1%	1.4%	70	69
			0100	0200	116	1.8%	50.0%	36.0%	0.1%	2.7%	0.7%	2.4%	2.7%	1.0%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	69
			0200	0300	47	2.2%	34.8%	41.3%	0.2%	8.5%	2.2%	4.2%	4.8%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0300	0400	52	15.7%	15.7%	45.1%	0.2%	6.1%	1.6%	4.6%	5.2%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	1.9%	70	70
			0400	0500	45	0.0%	15.9%	54.6%	0.2%	7.1%	1.8%	7.1%	8.0%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.2%	70	70
			0500	0600	140	2.2%	41.6%	28.5%	0.2%	6.3%	1.6%	3.7%	4.2%	2.3%	0.0%	0.7%	5.1%	0.2%	0.4%	0.2%	0.0%	0.2%	2.8%	70	69
			0600	0700	706	2.3%	62.1%	12.6%	0.1%	5.0%	1.3%	1.8%	2.0%	0.8%	0.0%	1.5%	7.5%	0.4%	0.8%	0.3%	0.0%	0.1%	1.5%	70	67
			0700	0800	1736	2.1%	70.9%	9.0%	0.1%	4.8%	1.2%	1.5%	1.7%	1.1%	0.0%	1.1%	4.1%	0.3%	0.6%	0.2%	0.0%	0.1%	1.2%	70	59
			0800	0900	1370	2.9%	58.1%	15.6%	0.1%	4.8%	1.2%	2.6%	2.9%	1.3%	0.0%	2.4%	4.5%	0.6%	1.3%	0.5%	0.0%	0.1%	1.3%	70	64
			0900	1000	1165	1.9%	55.8%	14.6%	0.2%	7.0%	1.8%	3.6%	4.1%	2.4%	0.0%	1.3%	4.9%	0.3%	0.7%	0.3%	0.0%	0.1%	1.1%	70	65
			1000	1100	969	3.0%	51.8%	11.1%	0.2%	9.3%	2.4%	5.2%	5.8%	3.3%	0.0%	0.8%	5.3%	0.2%	0.5%	0.2%	0.0%	0.1%	1.0%	70	66
			1100	1200	993	2.9%	55.8%	6.7%	0.2%	9.1%	2.3%	5.5%	6.2%	3.5%	0.0%	0.6%	5.3%	0.2%	0.3%	0.1%	0.0%	0.1%	1.1%	70	66
			1200	1300	1011	2.2%	57.4%	8.8%	0.2%	9.3%	2.4%	3.7%	4.2%	2.1%	0.0%	1.4%	5.5%	0.3%	0.8%	0.3%	0.0%	0.1%	1.3%	70	65
			1300	1400	975	3.6%	56.0%	13.7%	0.1%	5.2%	1.3%	4.0%	4.5%	2.1%	0.0%	1.1%	6.0%	0.3%	0.6%	0.2%	0.0%	0.1%	1.3%	70	66
			1400	1500	944	1.5%	55.9%	10.1%	0.2%	5.9%	1.5%	5.9%	6.6%	4.2%	0.0%	0.8%	5.4%	0.2%	0.4%	0.2%	0.0%	0.1%	1.2%	70	66
			1500	1600	901	2.2%	53.4%	11.9%	0.2%	7.7%	2.0%	4.8%	5.5%	3.1%	0.0%	0.9%	6.0%	0.2%	0.5%	0.2%	0.0%	0.1%	1.3%	70	66
			1600	1700	1057	3.6%	52.8%	7.6%	0.3%	10.7%	2.7%	5.0%	5.6%	3.0%	0.0%	1.1%	5.2%	0.3%	0.6%	0.2%	0.0%	0.1%	1.4%	70	65
			1700	1800	1154	4.8%	57.5%	8.6%	0.2%	7.6%	1.9%	3.1%	3.5%	1.4%	0.0%	2.5%	5.2%	0.6%	1.4%	0.5%	0.0%	0.1%	1.2%	70	65
			1800	1900	1020	3.7%	63.3%	10.1%	0.2%	6.5%	1.7%	1.4%	1.6%	0.7%	0.0%	1.8%	6.0%	0.4%	1.0%	0.4%	0.0%	0.1%	1.2%	70	65
			1900	2000	669	5.5%	56.5%	14.6%	0.1%	5.0%	1.3%	1.1%	1.3%	0.7%	0.0%	1.5%	8.7%	0.4%	0.8%	0.3%	0.0%	0.1%	2.0%	70	67
			2000	2100	505	5.9%	57.9%	12.8%	0.1%	2.4%	0.6%	0.6%	0.7%	0.3%	0.0%	2.0%	12.8%	0.5%	1.1%	0.4%	0.0%	0.1%	1.7%	70	68
			2100	2200	447	3.5%	58.9%	14.5%	0.1%	3.1%	0.8%	0.9%	1.0%	0.4%	0.0%	2.3%	10.6%	0.6%	1.3%	0.5%	0.0%	0.1%	1.8%	70	68
			2200	2300	405	3.0%	52.2%	23.3%	0.1%	3.6%	0.9%	1.1%	1.2%	0.5%	0.0%	1.5%	9.9%	0.4%	0.8%	0.3%	0.0%	0.1%	1.2%	70	68
			2300	2400	284	1.4%	55.6%	21.3%	0.1%	3.4%	0.9%	0.7%	0.8%	0.3%	0.0%	1.1%	10.8%	0.3%	0.6%	0.2%	0.0%	0.1%	2.4%	70	69
E	Dai Fu Street	2-way	0000	0100	149	1.2%	19.3%	25.3%	0.0%	0.0%	0.0%	0.5%	0.5%	0.2%	0.0%	1.2%	1.2%	0.3%	0.7%	0.3%	0.0%	2.5%	46.9%	50	39
			0100	0200	123	2.9%	11.6%	0.0%	0.1%	2.3%	0.6%	2.8%	3.2%	1.2%	0.0%	0.0%	4.4%	0.0%	0.0%	0.0%	0.0%	3.6%	67.5%	50	41
			0200	0300	47	3.9%	11.5%	15.4%	0.5%	21.0%	5.4%	12.0%	13.5%	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	11.0%	50	47
			0300	0400	44	0.0%	20.0%	20.0%	0.3%	12.5%	3.2%	9.4%	10.6%	8.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	15.2%	50	47
			0400	0500	70	5.1%	10.3%	23.1%	0.2%	6.0%	1.5%	5.0%	5.6%	4.7%	0.0%	2.6%	0.0%	0.6%	1.4%	0.5%	0.0%	1.7%	31.7%	50	45
			0500	0600	226	0.8%	4.7%	11.0%	0.0%	0.0%	0.0%	2.8%	3.1%	2.0%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	3.6%	68.8%	50	34
			0600	0700	453	1.6%	9.4%	16.5%	0.1%	3.7%	0.9%	3.7%	4.2%	2.8%	0.0%	8.7%	0.4%	2.1%	4.8%	1.8%	0.0%	2.0%	37.4%	50	29
			0700	0800	506	3.5%	15.5%	20.8%	0.1%	4.4%	1.1%	5.5%	6.2%	6.3%	0.0%	8.8%	0.4%	2.1%	4.8%	1.9%	0.0%	0.9%	17.7%	50	29
			0800	0900	670	1.9%	22.3%	35.4%	0.1%	4.2%	1.1%	7.7%	8.7%	7.3%	0.0%	3.7%	0.3%	0.9%	2.1%	0.8%	0.0%	0.2%	3.5%	50	29
			0900	1000	464	0.0%	20.0%	35.4%	0.2%	6.6%	1.7%	8.9%	10.0%	5.0%	0.0%	3.9%	0.0%	0.9%	2.1%	0.8%	0.0%	0.2%	4.4%	50	29
			1000	1100	455	0.0%	28.6%	19.6%	0.2%	8.9%	2.3%	12.4%	14.0%	7.0%	0.0%	1.2%	0.0%	0.3%	0.7%	0.3%	0.0%	0.2%	4.5%	50	29
			1100	1200	437	2.9%	33.9%	8.6%	0.2%	9.2%	2.4%	11.6%	13.1%	7.9%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	0.4%	6.6%	50	30
			1200	1300	512	6.5%	35.3%	9.9%	0.1%	5.1%	1.3%	10.3%	11.6%	6.0%	0.0%	5.3%	0.3%	1.3%	2.9%	1.1%	0.0%	0.2%	2.9%	50	29
			1300	1400	342	3.7%	26.9%	15.3%	0.2%	7.9%	2.0%	9.4%	10.6%	6.4%	0.0%	5.6%	0.5%	1.3%	3.1%	1.2%	0.0%	0.3%	5.7%	50	30
			1400	1500	394	1.6%	24.2%	15.7%	0.2%	8.2%	2.1%	9.6%	10.8%	5.0%	0.0%	6.9%	0.4%	1.7%	3.8%	1.4%	0.0%	0.4%	8.0%	50	30
			1500	1600	354	1.8%	32.3%	13.0%	0.2%	9.1%	2.3%	10.8%	12.2%	7.9%	0.0%	2.2%	0.0%	0.5%	1.2%	0.5%	0.0%	0.3%	5.5%	50	30
			1600	1700	348	2.3%	28.8%	11.4%	0.2%	8.2%	2.1%	7.5%	8.4%	4.2%	0.0%	7.8%	0.0%	1.9%	4.3%	1.6%	0.0%	0.6%	10.8%	50	30
			1700	1800	490	7.4%	40.1%	8.7%	0.2%	7.8%	2.0%	3.5%	4.0%	3.8%	0.0%	10.4%	0.0%	2.5%	5.7%	2.2%	0.0%	0.1%	1.5%	50	29
			1800	1900	430	4.1%	41.0%	13.3%	0.2%	6.9%	1.8%	2.5%	2.8%	1.8%	0.0%	10.0%	0.0%	2.4%	5.5%	2.1%	0.0%	0.3%	5.6%	50	30
			1900	2000	295	3.2%	29.0%	23.7%	0.1%	3.4%	0.9%	2.7%	3.1%	3.3%	0.0%	5.4%	0.0%	1.3%	3.0%	1.1%	0.0%	1.0%	18.9%	50	30
			2000	2100	194	2.5%	37.7%	27.1%	0.1%	5.1%	1.3%	1.0%	1.1%	2.1%	0.0%	2.5%	0.0%	0.6%	1.4%	0.5%	0.0%	0.9%	16.4%	50	36
			2100	2200	182	4.4%	17.4%	35.7%	0.1%	4.1%	1.0%	3.7%	4.2%	5.1%	0.0%	2.6%	0.0%	0.6%	1.4%	0.6%	0.0%	1.0%	18.2%	50	37
			2200	2300	179	4.4%	18.6%	15.0%	0.1%	2.1%	0.5%	4.1%	4.7%	4.5%	0.0%	2.7%	0.0%	0.6%	1.5%	0.6%	0.0%	2.0%	38.7%	50	37
			2300	2400	137	1.2%	20.9%	24.4%	0.1%	2.7%	0.7%	0.9%	1.0%	0.4%	0.0%	2.3%	1.2%	0.6%	1.3%	0.5%	0.0%	2.1%	39.8%	50	40

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
F	Dai Wang Street	2-way	0000	0100	73	1.2%	19.3%	25.3%	0.0%	0.0%	0.0%	0.5%	0.5%	0.2%	0.0%	1.2%	1.2%	0.3%	0.7%	0.3%	0.0%	2.5%	46.9%	50	40
			0100	0200	61	2.9%	11.6%	0.0%	0.1%	2.3%	0.6%	2.8%	3.2%	1.2%	0.0%	0.0%	4.4%	0.0%	0.0%	0.0%	0.0%	3.6%	67.5%	50	41
			0200	0300	23	3.9%	11.5%	15.4%	0.5%	21.0%	5.4%	12.0%	13.5%	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	11.0%	50	47
			0300	0400	22	0.0%	20.0%	20.0%	0.3%	12.5%	3.2%	9.4%	10.6%	8.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	15.2%	50	47
			0400	0500	35	5.1%	10.3%	23.1%	0.2%	6.0%	1.5%	5.0%	5.6%	4.7%	0.0%	2.6%	0.0%	0.6%	1.4%	0.5%	0.0%	1.7%	31.7%	50	45
			0500	0600	111	0.8%	4.7%	11.0%	0.0%	0.0%	0.0%	2.8%	3.1%	2.0%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	3.6%	68.8%	50	34
			0600	0700	223	1.6%	9.4%	16.5%	0.1%	3.7%	0.9%	3.7%	4.2%	2.8%	0.0%	8.7%	0.4%	2.1%	4.8%	1.8%	0.0%	2.0%	37.4%	50	29
			0700	0800	249	3.5%	15.5%	20.8%	0.1%	4.4%	1.1%	5.5%	6.2%	6.3%	0.0%	8.8%	0.4%	2.1%	4.8%	1.9%	0.0%	0.9%	17.7%	50	29
			0800	0900	330	1.9%	22.3%	35.4%	0.1%	4.2%	1.1%	7.7%	8.7%	7.3%	0.0%	3.7%	0.3%	0.9%	2.1%	0.8%	0.0%	0.2%	3.5%	50	29
			0900	1000	228	0.0%	20.0%	35.4%	0.2%	6.6%	1.7%	8.9%	10.0%	5.0%	0.0%	3.9%	0.0%	0.9%	2.1%	0.8%	0.0%	0.2%	4.4%	50	29
			1000	1100	223	0.0%	28.6%	19.6%	0.2%	8.9%	2.3%	12.4%	14.0%	7.0%	0.0%	1.2%	0.0%	0.3%	0.7%	0.3%	0.0%	0.2%	4.5%	50	29
			1100	1200	215	2.9%	33.9%	8.6%	0.2%	9.2%	2.4%	11.6%	13.1%	7.9%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	0.4%	6.6%	50	30
			1200	1300	202	6.5%	35.3%	9.9%	0.1%	5.1%	1.3%	10.3%	11.6%	6.0%	0.0%	5.3%	0.3%	1.3%	2.9%	1.1%	0.0%	0.2%	2.9%	50	30
			1300	1400	135	3.7%	26.9%	15.3%	0.2%	7.9%	2.0%	9.4%	10.6%	6.4%	0.0%	5.6%	0.5%	1.3%	3.1%	1.2%	0.0%	0.3%	5.7%	50	31
			1400	1500	155	1.6%	24.2%	15.7%	0.2%	8.2%	2.1%	9.6%	10.8%	5.0%	0.0%	6.9%	0.4%	1.7%	3.8%	1.4%	0.0%	0.4%	8.0%	50	30
			1500	1600	141	1.8%	32.3%	13.0%	0.2%	9.1%	2.3%	10.8%	12.2%	7.9%	0.0%	2.2%	0.0%	0.5%	1.2%	0.5%	0.0%	0.3%	5.5%	50	30
			1600	1700	138	2.3%	28.8%	11.4%	0.2%	8.2%	2.1%	7.5%	8.4%	4.2%	0.0%	7.8%	0.0%	1.9%	4.3%	1.6%	0.0%	0.6%	10.8%	50	30
			1700	1800	194	7.4%	40.1%	8.7%	0.2%	7.8%	2.0%	3.5%	4.0%	3.8%	0.0%	10.4%	0.0%	2.5%	5.7%	2.2%	0.0%	0.1%	1.5%	50	30
			1800	1900	170	4.1%	41.0%	13.3%	0.2%	6.9%	1.8%	2.5%	2.8%	1.8%	0.0%	10.0%	0.0%	2.4%	5.5%	2.1%	0.0%	0.3%	5.6%	50	30
			1900	2000	116	3.2%	29.0%	23.7%	0.1%	3.4%	0.9%	2.7%	3.1%	3.3%	0.0%	5.4%	0.0%	1.3%	3.0%	1.1%	0.0%	1.0%	18.9%	50	33
			2000	2100	76	2.5%	37.7%	27.1%	0.1%	5.1%	1.3%	1.0%	1.1%	2.1%	0.0%	2.5%	0.0%	0.6%	1.4%	0.5%	0.0%	0.9%	16.4%	50	39
			2100	2200	72	4.4%	17.4%	35.7%	0.1%	4.1%	1.0%	3.7%	4.2%	5.1%	0.0%	2.6%	0.0%	0.6%	1.4%	0.6%	0.0%	1.0%	18.2%	50	40
			2200	2300	71	4.4%	18.6%	15.0%	0.1%	2.1%	0.5%	4.1%	4.7%	4.5%	0.0%	2.7%	0.0%	0.6%	1.5%	0.6%	0.0%	2.0%	38.7%	50	40
			2300	2400	54	1.2%	20.9%	24.4%	0.1%	2.7%	0.7%	0.9%	1.0%	0.4%	0.0%	2.3%	1.2%	0.6%	1.3%	0.5%	0.0%	2.1%	39.8%	50	42
G	Dai Cheong Street	2-way	0000	0100	196	1.2%	19.3%	25.3%	0.0%	0.0%	0.0%	0.5%	0.5%	0.2%	0.0%	1.2%	1.2%	0.3%	0.7%	0.3%	0.0%	2.5%	46.9%	50	36
			0100	0200	163	2.9%	11.6%	0.0%	0.1%	2.3%	0.6%	2.8%	3.2%	1.2%	0.0%	0.0%	4.4%	0.0%	0.0%	0.0%	0.0%	3.6%	67.5%	50	38
			0200	0300	62	3.9%	11.5%	15.4%	0.5%	21.0%	5.4%	12.0%	13.5%	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	11.0%	50	46
			0300	0400	59	0.0%	20.0%	20.0%	0.3%	12.5%	3.2%	9.4%	10.6%	8.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	15.2%	50	46
			0400	0500	92	5.1%	10.3%	23.1%	0.2%	6.0%	1.5%	5.0%	5.6%	4.7%	0.0%	2.6%	0.0%	0.6%	1.4%	0.5%	0.0%	1.7%	31.7%	50	43
			0500	0600	301	0.8%	4.7%	11.0%	0.0%	0.0%	0.0%	2.8%	3.1%	2.0%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	3.6%	68.8%	50	30
			0600	0700	601	1.6%	9.4%	16.5%	0.1%	3.7%	0.9%	3.7%	4.2%	2.8%	0.0%	8.7%	0.4%	2.1%	4.8%	1.8%	0.0%	2.0%	37.4%	50	29
			0700	0800	673	3.5%	15.5%	20.8%	0.1%	4.4%	1.1%	5.5%	6.2%	6.3%	0.0%	8.8%	0.4%	2.1%	4.8%	1.9%	0.0%	0.9%	17.7%	50	29
			0800	0900	890	1.9%	22.3%	35.4%	0.1%	4.2%	1.1%	7.7%	8.7%	7.3%	0.0%	3.7%	0.3%	0.9%	2.1%	0.8%	0.0%	0.2%	3.5%	50	28
			0900	1000	615	0.0%	20.0%	35.4%	0.2%	6.6%	1.7%	8.9%	10.0%	5.0%	0.0%	3.9%	0.0%	0.9%	2.1%	0.8%	0.0%	0.2%	4.4%	50	29
			1000	1100	603	0.0%	28.6%	19.6%	0.2%	8.9%	2.3%	12.4%	14.0%	7.0%	0.0%	1.2%	0.0%	0.3%	0.7%	0.3%	0.0%	0.2%	4.5%	50	29
			1100	1200	580	2.9%	33.9%	8.6%	0.2%	9.2%	2.4%	11.6%	13.1%	7.9%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	0.4%	6.6%	50	29
			1200	1300	763	6.5%	35.3%	9.9%	0.1%	5.1%	1.3%	10.3%	11.6%	6.0%	0.0%	5.3%	0.3%	1.3%	2.9%	1.1%	0.0%	0.2%	2.9%	50	28
			1300	1400	510	3.7%	26.9%	15.3%	0.2%	7.9%	2.0%	9.4%	10.6%	6.4%	0.0%	5.6%	0.5%	1.3%	3.1%	1.2%	0.0%	0.3%	5.7%	50	29
			1400	1500	586	1.6%	24.2%	15.7%	0.2%	8.2%	2.1%	9.6%	10.8%	5.0%	0.0%	6.9%	0.4%	1.7%	3.8%	1.4%	0.0%	0.4%	8.0%	50	29
			1500	1600	527	1.8%	32.3%	13.0%	0.2%	9.1%	2.3%	10.8%	12.2%	7.9%	0.0%	2.2%	0.0%	0.5%	1.2%	0.5%	0.0%	0.3%	5.5%	50	29
			1600	1700	517	2.3%	28.8%	11.4%	0.2%	8.2%	2.1%	7.5%	8.4%	4.2%	0.0%	7.8%	0.0%	1.9%	4.3%	1.6%	0.0%	0.6%	10.8%	50	29
			1700	1800	729	7.4%	40.1%	8.7%	0.2%	7.8%	2.0%	3.5%	4.0%	3.8%	0.0%	10.4%	0.0%	2.5%	5.7%	2.2%	0.0%	0.1%	1.5%	50	29
			1800	1900	640	4.1%	41.0%	13.3%	0.2%	6.9%	1.8%	2.5%	2.8%	1.8%	0.0%	10.0%	0.0%	2.4%	5.5%	2.1%	0.0%	0.3%	5.6%	50	29
			1900	2000	439	3.2%	29.0%	23.7%	0.1%	3.4%	0.9%	2.7%	3.1%	3.3%	0.0%	5.4%	0.0%	1.3%	3.0%	1.1%	0.0%	1.0%	18.9%	50	29
			2000	2100	288	2.5%	37.7%	27.1%	0.1%	5.1%	1.3%	1.0%	1.1%	2.1%	0.0%	2.5%	0.0%	0.6%	1.4%	0.5%	0.0%	0.9%	16.4%	50	30
			2100	2200	272	4.4%	17.4%	35.7%	0.1%	4.1%	1.0%	3.7%	4.2%	5.1%	0.0%	2.6%	0.0%	0.6%	1.4%	0.6%	0.0%	1.0%	18.2%	50	31
			2200	2300	267	4.4%	18.6%	15.0%	0.1%	2.1%	0.5%	4.1%	4.7%	4.5%	0.0%	2.7%	0.0%	0.6%	1.5%	0.6%	0.0%	2.0%	38.7%	50	31
			2300	2400	203	1.2%	20.9%	24.4%	0.1%	2.7%	0.7%	0.9%	1.0%	0.4%	0.0%	2.3%	1.2%	0.6%	1.3%	0.5%	0.0%	2.1%	39.8%	50	36

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
H	Dai Fai Street	2-way	0000	0100	94	1.6%	47.6%	23.9%	0.1%	2.2%	0.6%	0.8%	0.9%	0.3%	0.0%	0.5%	3.9%	0.1%	0.3%	0.1%	0.0%	0.9%	16.4%	50	43
			0100	0200	53	2.1%	37.7%	24.1%	0.1%	2.1%	0.5%	2.4%	2.7%	1.1%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0%	0.0%	1.2%	23.0%	50	46
			0200	0300	23	2.5%	32.6%	32.0%	0.3%	10.6%	2.7%	6.0%	6.8%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	3.7%	50	48
			0300	0400	23	6.2%	27.0%	33.3%	0.2%	7.4%	1.9%	6.2%	7.0%	4.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	5.7%	50	48
			0400	0500	24	1.7%	18.2%	39.5%	0.2%	7.0%	1.8%	6.2%	6.9%	3.5%	0.0%	1.5%	0.0%	0.4%	0.8%	0.3%	0.0%	0.6%	11.3%	50	48
			0500	0600	75	2.1%	26.4%	22.0%	0.1%	2.5%	0.6%	3.6%	4.1%	2.1%	0.0%	0.8%	8.4%	0.2%	0.4%	0.2%	0.0%	1.3%	25.4%	50	45
			0600	0700	206	2.2%	35.2%	17.1%	0.1%	4.1%	1.0%	2.4%	2.7%	1.6%	0.0%	5.1%	8.0%	1.2%	2.8%	1.1%	0.0%	0.8%	14.4%	50	35
			0700	0800	370	3.0%	44.1%	15.6%	0.1%	4.2%	1.1%	3.2%	3.7%	3.0%	0.0%	5.2%	4.2%	1.3%	2.9%	1.1%	0.0%	0.4%	6.9%	50	30
			0800	0900	440	2.3%	44.3%	23.1%	0.1%	4.2%	1.1%	4.5%	5.1%	3.6%	0.0%	3.2%	3.1%	0.8%	1.8%	0.7%	0.0%	0.1%	2.1%	50	29
			0900	1000	341	1.3%	40.7%	22.5%	0.2%	7.0%	1.8%	5.9%	6.7%	3.7%	0.0%	2.2%	3.4%	0.5%	1.2%	0.5%	0.0%	0.1%	2.2%	50	30
			1000	1100	282	1.8%	41.5%	14.0%	0.2%	9.2%	2.3%	8.4%	9.4%	5.1%	0.0%	0.9%	4.0%	0.2%	0.5%	0.2%	0.0%	0.1%	2.2%	50	30
			1100	1200	281	2.5%	46.1%	8.5%	0.2%	9.0%	2.3%	7.8%	8.8%	5.1%	0.0%	1.2%	4.1%	0.3%	0.7%	0.2%	0.0%	0.2%	3.0%	50	30
			1200	1300	296	4.5%	49.0%	9.3%	0.2%	6.9%	1.8%	6.4%	7.3%	3.6%	0.0%	2.7%	3.8%	0.7%	1.5%	0.6%	0.0%	0.1%	1.7%	50	30
			1300	1400	272	3.5%	45.9%	13.8%	0.2%	6.5%	1.7%	6.1%	6.9%	4.0%	0.0%	2.6%	3.7%	0.6%	1.4%	0.5%	0.0%	0.1%	2.6%	50	31
			1400	1500	266	1.9%	44.9%	12.3%	0.2%	6.6%	1.7%	7.1%	8.1%	4.1%	0.0%	2.9%	3.7%	0.7%	1.6%	0.6%	0.0%	0.2%	3.5%	50	31
			1500	1600	246	2.2%	46.5%	12.0%	0.2%	7.4%	1.9%	7.4%	8.4%	4.7%	0.0%	1.3%	3.8%	0.3%	0.7%	0.3%	0.0%	0.1%	2.6%	50	32
			1600	1700	270	2.8%	45.8%	10.1%	0.2%	8.4%	2.1%	5.8%	6.5%	3.3%	0.0%	3.5%	3.4%	0.8%	1.9%	0.7%	0.0%	0.2%	4.4%	50	31
			1700	1800	324	5.2%	53.3%	9.3%	0.2%	6.7%	1.7%	3.3%	3.7%	2.3%	0.0%	4.8%	3.3%	1.2%	2.7%	1.0%	0.0%	0.1%	1.3%	50	30
			1800	1900	310	3.8%	57.1%	11.2%	0.2%	6.1%	1.6%	2.0%	2.2%	1.2%	0.0%	4.3%	3.5%	1.0%	2.4%	0.9%	0.0%	0.1%	2.6%	50	30
			1900	2000	229	4.1%	51.3%	16.4%	0.1%	4.4%	1.1%	1.6%	1.8%	1.5%	0.0%	2.7%	4.8%	0.6%	1.5%	0.6%	0.0%	0.4%	7.2%	50	34
			2000	2100	167	4.1%	54.7%	17.2%	0.1%	3.6%	0.9%	0.9%	1.0%	1.0%	0.0%	1.9%	6.2%	0.5%	1.0%	0.4%	0.0%	0.3%	6.2%	50	38
			2100	2200	149	4.2%	47.4%	21.1%	0.1%	3.5%	0.9%	1.7%	1.9%	1.9%	0.0%	2.2%	5.5%	0.5%	1.2%	0.5%	0.0%	0.4%	6.9%	50	39
			2200	2300	135	3.4%	46.1%	18.6%	0.1%	2.6%	0.7%	1.8%	2.1%	1.7%	0.0%	1.6%	5.4%	0.4%	0.9%	0.3%	0.0%	0.7%	13.6%	50	40
			2300	2400	93	1.6%	47.3%	21.5%	0.1%	3.0%	0.8%	0.7%	0.8%	0.3%	0.0%	1.4%	6.1%	0.3%	0.8%	0.3%	0.0%	0.8%	14.4%	50	43
I	Dai Fat Street	2-way	0000	0100	67	1.6%	47.6%	23.9%	0.1%	2.2%	0.6%	0.8%	0.9%	0.3%	0.0%	0.5%	3.9%	0.1%	0.3%	0.1%	0.0%	0.9%	16.4%	50	45
			0100	0200	36	2.1%	37.7%	24.1%	0.1%	2.1%	0.5%	2.4%	2.7%	1.1%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0%	0.0%	1.2%	23.0%	50	47
			0200	0300	15	2.5%	32.6%	32.0%	0.3%	10.6%	2.7%	6.0%	6.8%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	3.7%	50	49
			0300	0400	15	6.2%	27.0%	33.3%	0.2%	7.4%	1.9%	6.2%	7.0%	4.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	5.7%	50	49
			0400	0500	17	1.7%	18.2%	39.5%	0.2%	7.0%	1.8%	6.2%	6.9%	3.5%	0.0%	1.5%	0.0%	0.4%	0.8%	0.3%	0.0%	0.6%	11.3%	50	49
			0500	0600	53	2.1%	26.4%	22.0%	0.1%	2.5%	0.6%	3.6%	4.1%	2.1%	0.0%	0.8%	8.4%	0.2%	0.4%	0.2%	0.0%	1.3%	25.4%	50	46
			0600	0700	144	2.2%	35.2%	17.1%	0.1%	4.1%	1.0%	2.4%	2.7%	1.6%	0.0%	5.1%	8.0%	1.2%	2.8%	1.1%	0.0%	0.8%	14.4%	50	40
			0700	0800	261	3.0%	44.1%	15.6%	0.1%	4.2%	1.1%	3.2%	3.7%	3.0%	0.0%	5.2%	4.2%	1.3%	2.9%	1.1%	0.0%	0.4%	6.9%	50	31
			0800	0900	310	2.3%	44.3%	23.1%	0.1%	4.2%	1.1%	4.5%	5.1%	3.6%	0.0%	3.2%	3.1%	0.8%	1.8%	0.7%	0.0%	0.1%	2.1%	50	30
			0900	1000	240	1.3%	40.7%	22.5%	0.2%	7.0%	1.8%	5.9%	6.7%	3.7%	0.0%	2.2%	3.4%	0.5%	1.2%	0.5%	0.0%	0.1%	2.2%	50	33
			1000	1100	199	1.8%	41.5%	14.0%	0.2%	9.2%	2.3%	8.4%	9.4%	5.1%	0.0%	0.9%	4.0%	0.2%	0.5%	0.2%	0.0%	0.1%	2.2%	50	36
			1100	1200	198	2.5%	46.1%	8.5%	0.2%	9.0%	2.3%	7.8%	8.8%	5.1%	0.0%	1.2%	4.1%	0.3%	0.7%	0.2%	0.0%	0.2%	3.0%	50	36
			1200	1300	238	4.5%	49.0%	9.3%	0.2%	6.9%	1.8%	6.4%	7.3%	3.6%	0.0%	2.7%	3.8%	0.7%	1.5%	0.6%	0.0%	0.1%	1.7%	50	33
			1300	1400	219	3.5%	45.9%	13.8%	0.2%	6.5%	1.7%	6.1%	6.9%	4.0%	0.0%	2.6%	3.7%	0.6%	1.4%	0.5%	0.0%	0.1%	2.6%	50	34
			1400	1500	215	1.9%	44.9%	12.3%	0.2%	6.6%	1.7%	7.1%	8.1%	4.1%	0.0%	2.9%	3.7%	0.7%	1.6%	0.6%	0.0%	0.2%	3.5%	50	35
			1500	1600	199	2.2%	46.5%	12.0%	0.2%	7.4%	1.9%	7.4%	8.4%	4.7%	0.0%	1.3%	3.8%	0.3%	0.7%	0.3%	0.0%	0.1%	2.6%	50	36
			1600	1700	218	2.8%	45.8%	10.1%	0.2%	8.4%	2.1%	5.8%	6.5%	3.3%	0.0%	3.5%	3.4%	0.8%	1.9%	0.7%	0.0%	0.2%	4.4%	50	34
			1700	1800	262	5.2%	53.3%	9.3%	0.2%	6.7%	1.7%	3.3%	3.7%	2.3%	0.0%	4.8%	3.3%	1.2%	2.7%	1.0%	0.0%	0.1%	1.3%	50	31
			1800	1900	250	3.8%	57.1%	11.2%	0.2%	6.1%	1.6%	2.0%	2.2%	1.2%	0.0%	4.3%	3.5%	1.0%	2.4%	0.9%	0.0%	0.1%	2.6%	50	32
			1900	2000	184	4.1%	51.3%	16.4%	0.1%	4.4%	1.1%	1.6%	1.8%	1.5%	0.0%	2.7%	4.8%	0.6%	1.5%	0.6%	0.0%	0.4%	7.2%	50	37
			2000	2100	135	4.1%	54.7%	17.2%	0.1%	3.6%	0.9%	0.9%	1.0%	1.0%	0.0%	1.9%	6.2%	0.5%	1.0%	0.4%	0.0%	0.3%	6.2%	50	40
			2100	2200	120	4.2%	47.4%	21.1%	0.1%	3.5%	0.9%	1.7%	1.9%	1.9%	0.0%	2.2%	5.5%	0.5%	1.2%	0.5%	0.0%	0.4%	6.9%	50	41
			2200	2300	110	3.4%	46.1%	18.6%	0.1%	2.6%	0.7%	1.8%	2.1%	1.7%	0.0%	1.6%	5.4%	0.4%	0.9%	0.3%	0.0%	0.7%	13.6%	50	42
			2300	2400	75	1.6%	47.3%	21.5%	0.1%	3.0%	0.8%	0.7%	0.8%	0.3%	0.0%	1.4%	6.1%	0.3%	0.8%	0.3%	0.0%	0.8%	14.4%	50	45

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
J	Dai Fai Street	2-way	0000	0100	159	1.6%	47.6%	23.9%	0.1%	2.2%	0.6%	0.8%	0.9%	0.3%	0.0%	0.5%	3.9%	0.1%	0.3%	0.1%	0.0%	0.9%	16.4%	50	39
			0100	0200	88	2.1%	37.7%	24.1%	0.1%	2.1%	0.5%	2.4%	2.7%	1.1%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0%	0.0%	1.2%	23.0%	50	44
			0200	0300	38	2.5%	32.6%	32.0%	0.3%	10.6%	2.7%	6.0%	6.8%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	3.7%	50	47
			0300	0400	38	6.2%	27.0%	33.3%	0.2%	7.4%	1.9%	6.2%	7.0%	4.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	5.7%	50	47
			0400	0500	42	1.7%	18.2%	39.5%	0.2%	7.0%	1.8%	6.2%	6.9%	3.5%	0.0%	1.5%	0.0%	0.4%	0.8%	0.3%	0.0%	0.6%	11.3%	50	47
			0500	0600	126	2.1%	26.4%	22.0%	0.1%	2.5%	0.6%	3.6%	4.1%	2.1%	0.0%	0.8%	8.4%	0.2%	0.4%	0.2%	0.0%	1.3%	25.4%	50	41
			0600	0700	346	2.2%	35.2%	17.1%	0.1%	4.1%	1.0%	2.4%	2.7%	1.6%	0.0%	5.1%	8.0%	1.2%	2.8%	1.1%	0.0%	0.8%	14.4%	50	30
			0700	0800	623	3.0%	44.1%	15.6%	0.1%	4.2%	1.1%	3.2%	3.7%	3.0%	0.0%	5.2%	4.2%	1.3%	2.9%	1.1%	0.0%	0.4%	6.9%	50	29
			0800	0900	740	2.3%	44.3%	23.1%	0.1%	4.2%	1.1%	4.5%	5.1%	3.6%	0.0%	3.2%	3.1%	0.8%	1.8%	0.7%	0.0%	0.1%	2.1%	50	29
			0900	1000	573	1.3%	40.7%	22.5%	0.2%	7.0%	1.8%	5.9%	6.7%	3.7%	0.0%	2.2%	3.4%	0.5%	1.2%	0.5%	0.0%	0.1%	2.2%	50	29
			1000	1100	475	1.8%	41.5%	14.0%	0.2%	9.2%	2.3%	8.4%	9.4%	5.1%	0.0%	0.9%	4.0%	0.2%	0.5%	0.2%	0.0%	0.1%	2.2%	50	29
			1100	1200	474	2.5%	46.1%	8.5%	0.2%	9.0%	2.3%	7.8%	8.8%	5.1%	0.0%	1.2%	4.1%	0.3%	0.7%	0.2%	0.0%	0.2%	3.0%	50	29
			1200	1300	400	4.5%	49.0%	9.3%	0.2%	6.9%	1.8%	6.4%	7.3%	3.6%	0.0%	2.7%	3.8%	0.7%	1.5%	0.6%	0.0%	0.1%	1.7%	50	30
			1300	1400	369	3.5%	45.9%	13.8%	0.2%	6.5%	1.7%	6.1%	6.9%	4.0%	0.0%	2.6%	3.7%	0.6%	1.4%	0.5%	0.0%	0.1%	2.6%	50	30
			1400	1500	361	1.9%	44.9%	12.3%	0.2%	6.6%	1.7%	7.1%	8.1%	4.1%	0.0%	2.9%	3.7%	0.7%	1.6%	0.6%	0.0%	0.2%	3.5%	50	30
			1500	1600	333	2.2%	46.5%	12.0%	0.2%	7.4%	1.9%	7.4%	8.4%	4.7%	0.0%	1.3%	3.8%	0.3%	0.7%	0.3%	0.0%	0.1%	2.6%	50	30
			1600	1700	366	2.8%	45.8%	10.1%	0.2%	8.4%	2.1%	5.8%	6.5%	3.3%	0.0%	3.5%	3.4%	0.8%	1.9%	0.7%	0.0%	0.2%	4.4%	50	30
			1700	1800	438	5.2%	53.3%	9.3%	0.2%	6.7%	1.7%	3.3%	3.7%	2.3%	0.0%	4.8%	3.3%	1.2%	2.7%	1.0%	0.0%	0.1%	1.3%	50	29
			1800	1900	420	3.8%	57.1%	11.2%	0.2%	6.1%	1.6%	2.0%	2.2%	1.2%	0.0%	4.3%	3.5%	1.0%	2.4%	0.9%	0.0%	0.1%	2.6%	50	30
			1900	2000	311	4.1%	51.3%	16.4%	0.1%	4.4%	1.1%	1.6%	1.8%	1.5%	0.0%	2.7%	4.8%	0.6%	1.5%	0.6%	0.0%	0.4%	7.2%	50	30
			2000	2100	226	4.1%	54.7%	17.2%	0.1%	3.6%	0.9%	0.9%	1.0%	1.0%	0.0%	1.9%	6.2%	0.5%	1.0%	0.4%	0.0%	0.3%	6.2%	50	34
			2100	2200	202	4.2%	47.4%	21.1%	0.1%	3.5%	0.9%	1.7%	1.9%	1.9%	0.0%	2.2%	5.5%	0.5%	1.2%	0.5%	0.0%	0.4%	6.9%	50	36
			2200	2300	184	3.4%	46.1%	18.6%	0.1%	2.6%	0.7%	1.8%	2.1%	1.7%	0.0%	1.6%	5.4%	0.4%	0.9%	0.3%	0.0%	0.7%	13.6%	50	37
			2300	2400	126	1.6%	47.3%	21.5%	0.1%	3.0%	0.8%	0.7%	0.8%	0.3%	0.0%	1.4%	6.1%	0.3%	0.8%	0.3%	0.0%	0.8%	14.4%	50	41
K	Dai Hung Street	1-way	0000	0100	46	1.2%	19.3%	25.3%	0.0%	0.0%	0.0%	0.5%	0.5%	0.2%	0.0%	1.2%	1.2%	0.3%	0.7%	0.3%	0.0%	2.5%	46.9%	50	37
			0100	0200	39	2.9%	11.6%	0.0%	0.1%	2.3%	0.6%	2.8%	3.2%	1.2%	0.0%	0.0%	4.4%	0.0%	0.0%	0.0%	0.0%	3.6%	67.5%	50	39
			0200	0300	15	3.9%	11.5%	15.4%	0.5%	21.0%	5.4%	12.0%	13.5%	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	11.0%	50	46
			0300	0400	13	0.0%	20.0%	20.0%	0.3%	12.5%	3.2%	9.4%	10.6%	8.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	15.2%	50	46
			0400	0500	22	5.1%	10.3%	23.1%	0.2%	6.0%	1.5%	5.0%	5.6%	4.7%	0.0%	2.6%	0.0%	0.6%	1.4%	0.5%	0.0%	1.7%	31.7%	50	44
			0500	0600	71	0.8%	4.7%	11.0%	0.0%	0.0%	0.0%	2.8%	3.1%	2.0%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	3.6%	68.8%	50	30
			0600	0700	141	1.6%	9.4%	16.5%	0.1%	3.7%	0.9%	3.7%	4.2%	2.8%	0.0%	8.7%	0.4%	2.1%	4.8%	1.8%	0.0%	2.0%	37.4%	50	29
			0700	0800	159	3.5%	15.5%	20.8%	0.1%	4.4%	1.1%	5.5%	6.2%	6.3%	0.0%	8.8%	0.4%	2.1%	4.8%	1.9%	0.0%	0.9%	17.7%	50	29
			0800	0900	210	1.9%	22.3%	35.4%	0.1%	4.2%	1.1%	7.7%	8.7%	7.3%	0.0%	3.7%	0.3%	0.9%	2.1%	0.8%	0.0%	0.2%	3.5%	50	28
			0900	1000	145	0.0%	20.0%	35.4%	0.2%	6.6%	1.7%	8.9%	10.0%	5.0%	0.0%	3.9%	0.0%	0.9%	2.1%	0.8%	0.0%	0.2%	4.4%	50	29
			1000	1100	143	0.0%	28.6%	19.6%	0.2%	8.9%	2.3%	12.4%	14.0%	7.0%	0.0%	1.2%	0.0%	0.3%	0.7%	0.3%	0.0%	0.2%	4.5%	50	29
			1100	1200	137	2.9%	33.9%	8.6%	0.2%	9.2%	2.4%	11.6%	13.1%	7.9%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	0.4%	6.6%	50	29
			1200	1300	286	6.5%	35.3%	9.9%	0.1%	5.1%	1.3%	10.3%	11.6%	6.0%	0.0%	5.3%	0.3%	1.3%	2.9%	1.1%	0.0%	0.2%	2.9%	50	27
			1300	1400	191	3.7%	26.9%	15.3%	0.2%	7.9%	2.0%	9.4%	10.6%	6.4%	0.0%	5.6%	0.5%	1.3%	3.1%	1.2%	0.0%	0.3%	5.7%	50	28
			1400	1500	220	1.6%	24.2%	15.7%	0.2%	8.2%	2.1%	9.6%	10.8%	5.0%	0.0%	6.9%	0.4%	1.7%	3.8%	1.4%	0.0%	0.4%	8.0%	50	28
			1500	1600	197	1.8%	32.3%	13.0%	0.2%	9.1%	2.3%	10.8%	12.2%	7.9%	0.0%	2.2%	0.0%	0.5%	1.2%	0.5%	0.0%	0.3%	5.5%	50	28
			1600	1700	194	2.3%	28.8%	11.4%	0.2%	8.2%	2.1%	7.5%	8.4%	4.2%	0.0%	7.8%	0.0%	1.9%	4.3%	1.6%	0.0%	0.6%	10.8%	50	28
			1700	1800	273	7.4%	40.1%	8.7%	0.2%	7.8%	2.0%	3.5%	4.0%	3.8%	0.0%	10.4%	0.0%	2.5%	5.7%	2.2%	0.0%	0.1%	1.5%	50	27
			1800	1900	240	4.1%	41.0%	13.3%	0.2%	6.9%	1.8%	2.5%	2.8%	1.8%	0.0%	10.0%	0.0%	2.4%	5.5%	2.1%	0.0%	0.3%	5.6%	50	28
			1900	2000	165	3.2%	29.0%	23.7%	0.1%	3.4%	0.9%	2.7%	3.1%	3.3%	0.0%	5.4%	0.0%	1.3%	3.0%	1.1%	0.0%	1.0%	18.9%	50	29
			2000	2100	108	2.5%	37.7%	27.1%	0.1%	5.1%	1.3%	1.0%	1.1%	2.1%	0.0%	2.5%	0.0%	0.6%	1.4%	0.5%	0.0%	0.9%	16.4%	50	30
			2100	2200	102	4.4%	17.4%	35.7%	0.1%	4.1%	1.0%	3.7%	4.2%	5.1%	0.0%	2.6%	0.0%	0.6%	1.4%	0.6%	0.0%	1.0%	18.2%	50	30
			2200	2300	100	4.4%	18.6%	15.0%	0.1%	2.1%	0.5%	4.1%	4.7%	4.5%	0.0%	2.7%	0.0%	0.6%	1.5%	0.6%	0.0%	2.0%	38.7%	50	30
			2300	2400	76	1.2%	20.9%	24.4%	0.1%	2.7%	0.7%	0.9%	1.0%	0.4%	0.0%	2.3%	1.2%	0.6%	1.3%	0.5%	0.0%	2.1%	39.8%	50	30

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
L	Dai Fuk Street	2-way	0000	0100	96	1.2%	19.3%	25.3%	0.0%	0.0%	0.0%	0.5%	0.5%	0.2%	0.0%	1.2%	1.2%	0.3%	0.7%	0.3%	0.0%	2.5%	46.9%	50	46
			0100	0200	80	2.9%	11.6%	0.0%	0.1%	2.3%	0.6%	2.8%	3.2%	1.2%	0.0%	0.0%	4.4%	0.0%	0.0%	0.0%	0.0%	3.6%	67.5%	50	47
			0200	0300	31	3.9%	11.5%	15.4%	0.5%	21.0%	5.4%	12.0%	13.5%	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	11.0%	50	49
			0300	0400	29	0.0%	20.0%	20.0%	0.3%	12.5%	3.2%	9.4%	10.6%	8.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	15.2%	50	49
			0400	0500	45	5.1%	10.3%	23.1%	0.2%	6.0%	1.5%	5.0%	5.6%	4.7%	0.0%	2.6%	0.0%	0.6%	1.4%	0.5%	0.0%	1.7%	31.7%	50	48
			0500	0600	149	0.8%	4.7%	11.0%	0.0%	0.0%	0.0%	2.8%	3.1%	2.0%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	3.6%	68.8%	50	44
			0600	0700	297	1.6%	9.4%	16.5%	0.1%	3.7%	0.9%	3.7%	4.2%	2.8%	0.0%	8.7%	0.4%	2.1%	4.8%	1.8%	0.0%	2.0%	37.4%	50	38
			0700	0800	332	3.5%	15.5%	20.8%	0.1%	4.4%	1.1%	5.5%	6.2%	6.3%	0.0%	8.8%	0.4%	2.1%	4.8%	1.9%	0.0%	0.9%	17.7%	50	36
			0800	0900	440	1.9%	22.3%	35.4%	0.1%	4.2%	1.1%	7.7%	8.7%	7.3%	0.0%	3.7%	0.3%	0.9%	2.1%	0.8%	0.0%	0.2%	3.5%	50	32
			0900	1000	304	0.0%	20.0%	35.4%	0.2%	6.6%	1.7%	8.9%	10.0%	5.0%	0.0%	3.9%	0.0%	0.9%	2.1%	0.8%	0.0%	0.2%	4.4%	50	38
			1000	1100	298	0.0%	28.6%	19.6%	0.2%	8.9%	2.3%	12.4%	14.0%	7.0%	0.0%	1.2%	0.0%	0.3%	0.7%	0.3%	0.0%	0.2%	4.5%	50	38
			1100	1200	287	2.9%	33.9%	8.6%	0.2%	9.2%	2.4%	11.6%	13.1%	7.9%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	0.4%	6.6%	50	38
			1200	1300	501	6.5%	35.3%	9.9%	0.1%	5.1%	1.3%	10.3%	11.6%	6.0%	0.0%	5.3%	0.3%	1.3%	2.9%	1.1%	0.0%	0.2%	2.9%	50	30
			1300	1400	335	3.7%	26.9%	15.3%	0.2%	7.9%	2.0%	9.4%	10.6%	6.4%	0.0%	5.6%	0.5%	1.3%	3.1%	1.2%	0.0%	0.3%	5.7%	50	36
			1400	1500	384	1.6%	24.2%	15.7%	0.2%	8.2%	2.1%	9.6%	10.8%	5.0%	0.0%	6.9%	0.4%	1.7%	3.8%	1.4%	0.0%	0.4%	8.0%	50	34
			1500	1600	345	1.8%	32.3%	13.0%	0.2%	9.1%	2.3%	10.8%	12.2%	7.9%	0.0%	2.2%	0.0%	0.5%	1.2%	0.5%	0.0%	0.3%	5.5%	50	36
			1600	1700	339	2.3%	28.8%	11.4%	0.2%	8.2%	2.1%	7.5%	8.4%	4.2%	0.0%	7.8%	0.0%	1.9%	4.3%	1.6%	0.0%	0.6%	10.8%	50	36
			1700	1800	479	7.4%	40.1%	8.7%	0.2%	7.8%	2.0%	3.5%	4.0%	3.8%	0.0%	10.4%	0.0%	2.5%	5.7%	2.2%	0.0%	0.1%	1.5%	50	30
			1800	1900	420	4.1%	41.0%	13.3%	0.2%	6.9%	1.8%	2.5%	2.8%	1.8%	0.0%	10.0%	0.0%	2.4%	5.5%	2.1%	0.0%	0.3%	5.6%	50	33
			1900	2000	289	3.2%	29.0%	23.7%	0.1%	3.4%	0.9%	2.7%	3.1%	3.3%	0.0%	5.4%	0.0%	1.3%	3.0%	1.1%	0.0%	1.0%	18.9%	50	38
			2000	2100	189	2.5%	37.7%	27.1%	0.1%	5.1%	1.3%	1.0%	1.1%	2.1%	0.0%	2.5%	0.0%	0.6%	1.4%	0.5%	0.0%	0.9%	16.4%	50	42
			2100	2200	178	4.4%	17.4%	35.7%	0.1%	4.1%	1.0%	3.7%	4.2%	5.1%	0.0%	2.6%	0.0%	0.6%	1.4%	0.6%	0.0%	1.0%	18.2%	50	43
			2200	2300	175	4.4%	18.6%	15.0%	0.1%	2.1%	0.5%	4.1%	4.7%	4.5%	0.0%	2.7%	0.0%	0.6%	1.5%	0.6%	0.0%	2.0%	38.7%	50	43
			2300	2400	133	1.2%	20.9%	24.4%	0.1%	2.7%	0.7%	0.9%	1.0%	0.4%	0.0%	2.3%	1.2%	0.6%	1.3%	0.5%	0.0%	2.1%	39.8%	50	45
M1	Ting Kok Road	1-way	0000	0100	248	2.7%	46.2%	27.6%	0.1%	2.5%	0.6%	1.2%	1.4%	0.5%	0.0%	0.0%	7.2%	0.0%	0.0%	0.0%	0.0%	0.5%	9.5%	70	69
			0100	0200	130	0.9%	28.5%	37.9%	0.0%	1.3%	0.3%	2.7%	3.0%	1.2%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	1.1%	20.5%	70	69
			0200	0300	69	1.6%	30.6%	41.9%	0.3%	10.1%	2.6%	4.4%	5.0%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	1.5%	70	70
			0300	0400	67	3.4%	32.2%	32.2%	0.2%	6.6%	1.7%	8.6%	9.7%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	1.6%	70	70
			0400	0500	50	0.0%	15.6%	48.9%	0.2%	6.9%	1.8%	9.5%	10.8%	4.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.1%	70	70
			0500	0600	147	3.8%	22.1%	22.9%	0.1%	3.0%	0.8%	6.9%	7.7%	3.8%	0.0%	0.0%	18.3%	0.0%	0.0%	0.0%	0.0%	0.5%	10.2%	70	69
			0600	0700	483	4.2%	35.7%	21.6%	0.1%	5.1%	1.3%	1.8%	2.0%	1.0%	0.0%	5.6%	12.1%	1.3%	3.1%	1.2%	0.0%	0.2%	3.8%	70	68
			0700	0800	888	2.9%	44.7%	17.8%	0.1%	4.9%	1.3%	2.6%	3.0%	1.4%	0.0%	5.3%	8.1%	1.3%	2.9%	1.1%	0.0%	0.1%	2.4%	70	66
			0800	0900	1360	2.2%	50.4%	17.2%	0.1%	4.7%	1.2%	3.4%	3.9%	2.2%	0.0%	3.8%	5.1%	0.9%	2.1%	0.8%	0.0%	0.1%	1.7%	70	64
			0900	1000	969	1.2%	43.1%	19.8%	0.2%	7.9%	2.0%	5.3%	6.0%	3.6%	0.0%	1.2%	6.6%	0.3%	0.6%	0.2%	0.0%	0.1%	2.0%	70	66
			1000	1100	804	2.0%	41.3%	12.4%	0.3%	10.6%	2.7%	7.2%	8.1%	4.8%	0.0%	0.4%	7.3%	0.1%	0.2%	0.1%	0.0%	0.1%	2.4%	70	66
			1100	1200	755	2.2%	40.5%	13.7%	0.2%	9.2%	2.4%	7.0%	7.9%	4.6%	0.0%	0.5%	8.0%	0.1%	0.3%	0.1%	0.0%	0.2%	3.3%	70	67
			1200	1300	1105	5.4%	48.3%	9.6%	0.2%	7.9%	2.0%	6.2%	7.0%	3.4%	0.0%	1.2%	6.3%	0.3%	0.7%	0.3%	0.0%	0.1%	1.4%	70	65
			1300	1400	1173	4.1%	48.8%	14.9%	0.2%	5.7%	1.5%	5.4%	6.1%	4.0%	0.0%	1.0%	5.3%	0.2%	0.6%	0.2%	0.0%	0.1%	1.9%	70	65
			1400	1500	1039	2.1%	45.8%	12.9%	0.2%	8.6%	2.2%	6.2%	7.0%	3.4%	0.0%	1.1%	6.8%	0.3%	0.6%	0.2%	0.0%	0.1%	2.4%	70	65
			1500	1600	940	2.4%	46.1%	11.5%	0.2%	7.6%	1.9%	7.6%	8.5%	4.6%	0.0%	0.7%	6.7%	0.2%	0.4%	0.2%	0.0%	0.1%	1.6%	70	66
			1600	1700	1036	2.0%	48.9%	13.2%	0.2%	8.3%	2.1%	5.3%	5.9%	3.0%	0.0%	1.4%	6.0%	0.3%	0.8%	0.3%	0.0%	0.1%	2.0%	70	65
			1700	1800	1191	3.1%	58.7%	12.3%	0.2%	6.6%	1.7%	2.7%	3.0%	2.1%	0.0%	1.3%	5.2%	0.3%	0.7%	0.3%	0.0%	0.1%	1.9%	70	65
			1800	1900	1260	4.9%	56.6%	12.9%	0.2%	6.9%	1.8%	2.0%	2.2%	1.2%	0.0%	1.7%	5.0%	0.4%	0.9%	0.4%	0.0%	0.2%	2.9%	70	64
			1900	2000	1014	4.6%	55.5%	14.3%	0.1%	4.6%	1.2%	1.9%	2.1%	1.1%	0.0%	1.3%	7.2%	0.3%	0.7%	0.3%	0.0%	0.2%	4.6%	70	65
			2000	2100	791	3.8%	58.1%	14.9%	0.1%	4.3%	1.1%	1.4%	1.5%	0.9%	0.0%	1.2%	7.9%	0.3%	0.6%	0.2%	0.0%	0.2%	3.6%	70	66
			2100	2200	649	5.2%	57.1%	15.3%	0.1%	3.9%	1.0%	0.7%	0.8%	0.3%	0.0%	1.4%	8.5%	0.3%	0.8%	0.3%	0.0%	0.2%	4.0%	70	67
			2200	2300	599	3.3%	58.1%	17.6%	0.1%	2.4%	0.6%	0.6%	0.7%	0.7%	0.0%	0.2%	8.3%	0.1%	0.1%	0.1%	0.0%	0.4%	7.0%	70	67
			2300	2400	328	0.8%	49.8%	26.7%	0.1%	2.8%	0.7%	0.5%	0.5%	0.2%	0.0%	0.4%	9.2%	0.1%	0.2%	0.1%	0.0%	0.4%	7.6%	70	69

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
M2	Ting Kok Road	1-way	0000	0100	230	2.5%	46.8%	35.8%	0.1%	3.9%	1.0%	0.8%	0.9%	0.3%	0.0%	0.5%	2.0%	0.1%	0.3%	0.1%	0.0%	0.3%	4.7%	70	69
			0100	0200	126	1.8%	36.4%	40.0%	0.1%	3.6%	0.9%	2.1%	2.4%	0.9%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.6%	10.4%	70	69
			0200	0300	69	3.3%	21.7%	48.3%	0.3%	10.4%	2.7%	2.6%	2.9%	1.1%	0.0%	1.7%	0.0%	0.4%	0.9%	0.4%	0.0%	0.2%	3.2%	70	70
			0300	0400	50	0.0%	20.5%	45.5%	0.2%	8.9%	2.3%	7.1%	8.0%	7.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0400	0500	71	1.6%	14.3%	57.1%	0.2%	6.2%	1.6%	3.1%	3.5%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	9.1%	70	70
			0500	0600	182	0.6%	32.1%	25.8%	0.1%	2.0%	0.5%	3.7%	4.2%	2.2%	0.0%	0.6%	6.9%	0.2%	0.4%	0.1%	0.0%	1.0%	19.7%	70	69
			0600	0700	524	2.0%	29.0%	24.9%	0.1%	4.6%	1.2%	2.8%	3.2%	1.7%	0.0%	4.6%	9.6%	1.1%	2.5%	1.0%	0.0%	0.6%	11.2%	70	68
			0700	0800	1292	1.5%	53.5%	17.4%	0.1%	4.4%	1.1%	2.1%	2.3%	2.0%	0.0%	3.1%	5.0%	0.7%	1.7%	0.7%	0.0%	0.2%	4.2%	70	64
			0800	0900	1370	1.8%	43.8%	29.9%	0.1%	3.5%	0.9%	3.2%	3.6%	2.5%	0.0%	2.3%	4.1%	0.5%	1.2%	0.5%	0.0%	0.1%	2.1%	70	64
			0900	1000	1055	1.1%	40.2%	25.5%	0.2%	7.0%	1.8%	4.4%	5.0%	2.7%	0.0%	1.7%	5.9%	0.4%	1.0%	0.4%	0.0%	0.1%	2.7%	70	65
			1000	1100	859	2.1%	36.7%	17.2%	0.3%	11.0%	2.8%	7.9%	9.0%	4.7%	0.0%	0.1%	6.5%	0.0%	0.1%	0.0%	0.0%	0.1%	1.5%	70	66
			1100	1200	852	2.4%	41.6%	9.4%	0.3%	12.4%	3.2%	7.7%	8.7%	4.6%	0.0%	0.4%	6.7%	0.1%	0.2%	0.1%	0.0%	0.1%	2.2%	70	66
			1200	1300	1157	4.3%	47.1%	10.6%	0.2%	9.3%	2.4%	5.3%	6.0%	3.1%	0.0%	2.4%	5.4%	0.6%	1.3%	0.5%	0.0%	0.1%	1.5%	70	65
			1300	1400	1029	4.6%	45.3%	18.4%	0.1%	5.5%	1.4%	4.7%	5.3%	2.3%	0.0%	1.7%	6.6%	0.4%	0.9%	0.4%	0.0%	0.1%	2.2%	70	65
			1400	1500	864	1.9%	44.1%	15.2%	0.1%	5.7%	1.4%	6.9%	7.8%	4.9%	0.0%	1.5%	6.4%	0.4%	0.8%	0.3%	0.0%	0.1%	2.6%	70	66
			1500	1600	864	2.2%	40.4%	16.2%	0.2%	8.8%	2.3%	6.5%	7.3%	4.3%	0.0%	0.9%	7.4%	0.2%	0.5%	0.2%	0.0%	0.1%	2.5%	70	66
			1600	1700	1002	3.6%	43.4%	11.5%	0.3%	12.9%	3.3%	4.9%	5.6%	2.8%	0.0%	1.4%	6.1%	0.3%	0.8%	0.3%	0.0%	0.1%	2.7%	70	66
			1700	1800	1228	5.1%	49.6%	10.5%	0.3%	9.8%	2.5%	3.3%	3.7%	1.8%	0.0%	3.6%	5.0%	0.9%	2.0%	0.8%	0.0%	0.1%	1.3%	70	64
			1800	1900	1200	4.0%	54.3%	13.9%	0.2%	7.3%	1.9%	1.7%	1.9%	0.7%	0.0%	3.6%	5.7%	0.9%	2.0%	0.8%	0.0%	0.1%	1.3%	70	65
			1900	2000	801	6.3%	46.5%	20.5%	0.2%	6.0%	1.5%	1.3%	1.5%	1.0%	0.0%	3.1%	6.9%	0.8%	1.7%	0.7%	0.0%	0.1%	2.1%	70	66
			2000	2100	553	6.6%	52.4%	18.6%	0.1%	3.2%	0.8%	1.0%	1.1%	0.4%	0.0%	1.8%	10.2%	0.4%	1.0%	0.4%	0.0%	0.1%	1.9%	70	68
			2100	2200	534	4.5%	46.9%	26.3%	0.1%	3.5%	0.9%	1.6%	1.8%	1.2%	0.0%	1.4%	8.5%	0.3%	0.8%	0.3%	0.0%	0.1%	2.0%	70	68
			2200	2300	429	4.4%	50.2%	25.4%	0.1%	2.5%	0.6%	1.7%	1.9%	1.0%	0.0%	0.9%	7.9%	0.2%	0.5%	0.2%	0.0%	0.1%	2.5%	70	68
			2300	2400	317	1.2%	46.6%	28.1%	0.1%	3.7%	0.9%	0.8%	0.9%	0.3%	0.0%	1.6%	9.1%	0.4%	0.9%	0.3%	0.0%	0.3%	4.9%	70	69
N1	Yuen Shin Road	1-way	0000	0100	356	2.7%	64.2%	21.5%	0.1%	2.7%	0.7%	0.4%	0.5%	0.2%	0.0%	0.3%	0.7%	0.1%	0.2%	0.1%	0.0%	0.3%	5.5%	70	68
			0100	0200	141	0.9%	50.0%	34.5%	0.1%	2.0%	0.5%	1.0%	1.1%	0.4%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	0.3%	6.6%	70	69
			0200	0300	71	1.7%	47.5%	39.0%	0.0%	1.3%	0.3%	2.6%	3.0%	1.2%	0.0%	1.7%	0.0%	0.4%	0.9%	0.4%	0.0%	0.0%	0.0%	70	70
			0300	0400	48	2.5%	40.0%	45.0%	0.1%	3.9%	1.0%	2.9%	3.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0400	0500	48	0.0%	37.5%	42.5%	0.1%	2.0%	0.5%	3.9%	4.4%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	7.1%	70	70
			0500	0600	108	1.1%	49.4%	25.8%	0.1%	2.6%	0.7%	3.1%	3.5%	1.3%	0.0%	0.0%	5.6%	0.0%	0.0%	0.0%	0.0%	0.3%	6.4%	70	70
			0600	0700	200	4.9%	49.1%	27.9%	0.1%	4.7%	1.2%	2.1%	2.4%	2.1%	0.0%	0.6%	4.2%	0.2%	0.3%	0.1%	0.0%	0.0%	0.0%	70	69
			0700	0800	575	4.4%	56.5%	20.3%	0.1%	3.8%	1.0%	2.8%	3.2%	1.6%	0.0%	2.1%	0.6%	0.5%	1.2%	0.4%	0.0%	0.1%	1.4%	70	67
			0800	0900	890	3.0%	55.8%	22.8%	0.1%	4.4%	1.1%	2.9%	3.2%	1.9%	0.0%	1.8%	0.3%	0.4%	1.0%	0.4%	0.0%	0.1%	0.9%	70	66
			0900	1000	745	2.8%	47.9%	19.2%	0.2%	7.2%	1.9%	5.0%	5.6%	3.5%	0.0%	2.1%	0.2%	0.5%	1.2%	0.4%	0.0%	0.1%	2.3%	70	67
			1000	1100	527	2.5%	40.3%	17.1%	0.3%	12.2%	3.1%	7.6%	8.6%	4.3%	0.0%	1.4%	0.2%	0.3%	0.8%	0.3%	0.0%	0.1%	0.9%	70	68
			1100	1200	542	1.4%	50.5%	11.2%	0.3%	11.9%	3.0%	6.0%	6.8%	3.3%	0.0%	2.0%	0.0%	0.5%	1.1%	0.4%	0.0%	0.1%	1.5%	70	68
			1200	1300	534	2.8%	56.0%	12.1%	0.2%	6.9%	1.8%	5.5%	6.2%	3.0%	0.0%	2.4%	0.2%	0.6%	1.3%	0.5%	0.0%	0.0%	0.6%	70	68
			1300	1400	712	2.3%	56.1%	12.1%	0.2%	7.3%	1.9%	5.7%	6.4%	3.1%	0.0%	2.1%	0.9%	0.5%	1.2%	0.4%	0.0%	0.0%	0.0%	70	67
			1400	1500	604	2.3%	56.5%	12.1%	0.2%	6.9%	1.8%	6.1%	6.9%	2.8%	0.0%	2.0%	0.4%	0.5%	1.1%	0.4%	0.0%	0.0%	0.2%	70	67
			1500	1600	600	2.7%	58.9%	13.2%	0.1%	5.4%	1.4%	6.3%	7.1%	2.7%	0.0%	0.9%	0.4%	0.2%	0.5%	0.2%	0.0%	0.0%	0.0%	70	67
			1600	1700	678	2.5%	58.1%	13.9%	0.2%	7.4%	1.9%	4.8%	5.4%	2.2%	0.0%	1.4%	0.8%	0.3%	0.8%	0.3%	0.0%	0.0%	0.0%	70	67
			1700	1800	805	4.0%	63.4%	12.1%	0.2%	7.0%	1.8%	3.3%	3.8%	1.6%	0.0%	0.9%	1.1%	0.2%	0.5%	0.2%	0.0%	0.0%	0.0%	70	66
			1800	1900	960	3.2%	71.3%	11.1%	0.1%	5.0%	1.3%	1.9%	2.2%	0.8%	0.0%	0.8%	1.2%	0.2%	0.4%	0.2%	0.0%	0.0%	0.3%	70	66
			1900	2000	819	3.3%	72.3%	10.1%	0.1%	5.5%	1.4%	0.8%	0.9%	0.3%	0.0%	1.4%	1.2%	0.4%	0.8%	0.3%	0.0%	0.1%	1.2%	70	66
			2000	2100	550	3.5%	75.2%	10.6%	0.1%	3.2%	0.8%	1.2%	1.4%	0.7%	0.0%	1.0%	1.0%	0.2%	0.5%	0.2%	0.0%	0.0%	0.4%	70	68
			2100	2200	518	4.4%	71.0%	15.1%	0.1%	3.1%	0.8%	0.5%	0.6%	0.6%	0.0%	1.2%	0.8%	0.3%	0.7%	0.3%	0.0%	0.0%	0.6%	70	68
			2200	2300	472	3.6%	67.0%	20.2%	0.0%	1.6%	0.4%	0.7%	0.8%	0.5%	0.0%	0.9%	0.9%	0.2%	0.5%	0.2%	0.0%	0.1%	2.2%	70	68
			2300	2400	333	2.9%	66.6%	19.6%	0.1%	3.3%	0.8%	0.5%	0.6%	0.2%	0.0%	0.6%	0.6%	0.2%	0.4%	0.1%	0.0%	0.2%	3.4%	70	69

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
N2	Yuen Shin Road	1-way	0000	0100	215	3.1%	59.4%	20.6%	0.1%	3.9%	1.0%	1.7%	1.9%	0.7%	0.0%	0.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.1%	2.4%	70	69
			0100	0200	122	0.0%	48.4%	36.3%	0.0%	1.7%	0.4%	2.6%	2.9%	1.1%	0.0%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%	0.2%	4.2%	70	69
			0200	0300	68	2.0%	37.3%	25.5%	0.4%	13.8%	3.5%	6.9%	7.8%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70	70
			0300	0400	74	16.4%	16.4%	36.4%	0.3%	9.9%	2.5%	5.7%	6.4%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	3.5%	70	70
			0400	0500	51	2.6%	21.0%	31.6%	0.1%	4.1%	1.1%	11.3%	12.7%	4.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	10.0%	70	70
			0500	0600	201	2.0%	25.3%	20.0%	0.2%	6.8%	1.7%	6.0%	6.8%	3.9%	0.0%	1.3%	0.0%	0.3%	0.7%	0.3%	0.0%	1.2%	23.4%	70	69
			0600	0700	845	3.0%	65.5%	8.7%	0.1%	5.5%	1.4%	1.9%	2.2%	1.2%	0.0%	1.1%	1.4%	0.3%	0.6%	0.2%	0.0%	0.3%	6.5%	70	66
			0700	0800	1607	2.9%	72.8%	8.5%	0.1%	5.0%	1.3%	2.2%	2.5%	1.5%	0.0%	0.4%	1.0%	0.1%	0.2%	0.1%	0.0%	0.1%	1.4%	70	62
			0800	0900	1270	3.8%	61.6%	10.3%	0.2%	7.4%	1.9%	3.4%	3.9%	2.0%	0.0%	1.7%	1.3%	0.4%	0.9%	0.4%	0.0%	0.0%	0.8%	70	64
			0900	1000	1066	2.1%	59.5%	14.6%	0.2%	7.0%	1.8%	4.5%	5.1%	3.0%	0.0%	0.9%	0.5%	0.2%	0.5%	0.2%	0.0%	0.0%	0.0%	70	65
			1000	1100	949	2.4%	54.3%	11.9%	0.3%	9.8%	2.5%	5.6%	6.4%	3.3%	0.0%	1.4%	0.4%	0.3%	0.8%	0.3%	0.0%	0.0%	0.3%	70	66
			1100	1200	911	3.2%	58.7%	9.9%	0.2%	8.9%	2.3%	5.2%	5.9%	3.5%	0.0%	0.7%	0.4%	0.2%	0.4%	0.2%	0.0%	0.0%	0.3%	70	66
			1200	1300	914	2.8%	58.7%	10.6%	0.2%	8.1%	2.1%	5.2%	5.8%	2.7%	0.0%	1.4%	0.9%	0.3%	0.8%	0.3%	0.0%	0.0%	0.2%	70	66
			1300	1400	863	2.5%	58.7%	10.9%	0.2%	6.1%	1.6%	5.9%	6.7%	3.2%	0.0%	1.6%	0.7%	0.4%	0.9%	0.3%	0.0%	0.0%	0.3%	70	66
			1400	1500	963	1.2%	53.5%	12.0%	0.3%	9.6%	2.5%	5.9%	6.7%	3.2%	0.0%	1.6%	1.3%	0.4%	0.9%	0.3%	0.0%	0.0%	0.7%	70	66
			1500	1600	907	2.0%	58.5%	10.4%	0.2%	8.2%	2.1%	5.6%	6.3%	3.1%	0.0%	1.1%	0.3%	0.3%	0.6%	0.2%	0.0%	0.1%	1.0%	70	66
			1600	1700	992	2.8%	57.8%	9.5%	0.2%	9.1%	2.3%	4.9%	5.6%	3.0%	0.0%	0.9%	0.6%	0.2%	0.5%	0.2%	0.0%	0.1%	2.3%	70	66
			1700	1800	1190	4.5%	63.3%	11.2%	0.2%	7.2%	1.8%	2.3%	2.6%	1.1%	0.0%	2.0%	1.1%	0.5%	1.1%	0.4%	0.0%	0.0%	0.6%	70	65
			1800	1900	1000	5.5%	67.3%	10.9%	0.2%	6.5%	1.7%	1.2%	1.4%	0.7%	0.0%	1.7%	0.7%	0.4%	0.9%	0.4%	0.0%	0.0%	0.7%	70	66
			1900	2000	639	4.4%	63.9%	14.3%	0.1%	4.5%	1.1%	2.1%	2.3%	0.9%	0.0%	1.3%	2.9%	0.3%	0.7%	0.3%	0.0%	0.0%	0.8%	70	67
			2000	2100	452	3.1%	63.2%	15.0%	0.1%	4.4%	1.1%	1.0%	1.1%	0.4%	0.0%	1.6%	5.6%	0.4%	0.9%	0.3%	0.0%	0.1%	1.8%	70	68
			2100	2200	373	2.3%	66.8%	12.8%	0.1%	3.2%	0.8%	0.9%	1.0%	1.5%	0.0%	2.6%	3.8%	0.6%	1.5%	0.6%	0.0%	0.1%	1.4%	70	68
			2200	2300	401	3.2%	52.3%	23.9%	0.1%	3.3%	0.8%	1.9%	2.2%	1.5%	0.0%	1.8%	4.2%	0.4%	1.0%	0.4%	0.0%	0.2%	3.0%	70	68
			2300	2400	283	1.0%	58.2%	28.4%	0.1%	2.3%	0.6%	0.8%	0.9%	0.3%	0.0%	0.5%	4.0%	0.1%	0.3%	0.1%	0.0%	0.1%	2.4%	70	69
P1	Dai Wah Street	2-way	0000	0100	42	3.2%	15.5%	24.3%	2.0%	2.0%	3.0%	0.5%	0.5%	0.2%	0.0%	0.0%	1.2%	0.3%	0.7%	0.3%	0.0%	2.5%	43.9%	50	50
			0100	0200	42	3.9%	12.6%	0.0%	0.1%	3.3%	0.6%	3.8%	3.2%	1.2%	0.0%	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	2.6%	65.5%	50	50
			0200	0300	42	3.8%	11.5%	15.4%	2.5%	20.0%	5.4%	12.0%	12.5%	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	11.0%	50	50
			0300	0400	42	2.0%	19.0%	20.0%	0.3%	10.5%	2.2%	8.4%	11.6%	8.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	17.2%	50	50
			0400	0500	42	4.1%	12.8%	23.1%	2.2%	7.0%	3.5%	5.0%	6.6%	4.7%	0.0%	0.0%	0.0%	0.6%	1.4%	0.5%	0.0%	1.7%	26.7%	50	50
			0500	0600	42	0.8%	4.7%	12.0%	2.0%	3.0%	1.0%	2.8%	2.1%	3.0%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	3.6%	61.8%	50	50
			0600	0700	126	1.6%	13.8%	16.5%	2.1%	4.7%	0.9%	5.7%	4.2%	3.8%	0.0%	4.3%	0.4%	2.1%	4.8%	1.8%	0.0%	2.0%	31.4%	50	49
			0700	0800	252	3.5%	23.2%	21.8%	0.1%	4.4%	1.1%	5.5%	6.2%	6.3%	0.0%	1.1%	0.4%	2.1%	5.8%	6.8%	0.0%	0.9%	10.7%	50	47
			0800	0900	210	1.9%	23.7%	30.4%	0.1%	4.1%	1.1%	6.7%	9.7%	8.3%	0.0%	3.4%	3.3%	0.9%	2.0%	0.8%	0.0%	0.2%	3.5%	50	48
			0900	1000	210	2.0%	20.3%	40.5%	0.1%	5.8%	1.5%	9.1%	10.2%	5.3%	0.0%	0.9%	0.0%	0.7%	1.5%	0.6%	0.0%	0.1%	1.3%	50	48
			1000	1100	168	1.0%	26.3%	19.5%	0.2%	8.7%	3.2%	12.4%	13.0%	7.0%	0.0%	1.6%	0.0%	0.3%	0.7%	0.3%	0.0%	0.2%	5.5%	50	48
			1100	1200	168	2.9%	31.0%	8.6%	0.2%	9.2%	2.4%	11.6%	13.1%	7.9%	0.0%	4.5%	0.0%	0.4%	0.9%	0.3%	0.0%	0.3%	6.6%	50	48
			1200	1300	120	5.5%	35.4%	9.9%	0.1%	7.1%	1.3%	11.3%	11.6%	6.0%	0.0%	2.2%	0.3%	1.3%	3.9%	1.1%	0.0%	0.2%	2.9%	50	49
			1300	1400	150	3.7%	29.6%	15.3%	0.2%	7.9%	2.0%	9.4%	10.6%	6.4%	0.0%	2.8%	0.5%	1.3%	3.1%	1.2%	0.0%	0.3%	5.7%	50	48
			1400	1500	120	1.6%	28.2%	16.7%	0.2%	7.2%	2.1%	10.6%	10.8%	6.0%	0.0%	0.8%	0.4%	1.6%	3.8%	1.4%	0.0%	0.4%	8.0%	50	49
			1500	1600	120	1.8%	28.9%	13.0%	0.2%	7.1%	2.3%	12.8%	13.2%	8.9%	0.0%	3.6%	0.0%	0.5%	1.2%	0.5%	0.0%	0.3%	5.5%	50	49
			1600	1700	120	2.3%	30.3%	11.4%	0.2%	9.2%	2.1%	8.5%	8.4%	5.2%	0.0%	3.2%	0.0%	1.9%	4.3%	1.6%	0.0%	0.6%	10.8%	50	49
			1700	1800	120	5.4%	44.9%	8.7%	0.2%	6.8%	2.0%	4.5%	5.0%	4.8%	0.0%	3.6%	1.0%	2.5%	5.7%	2.2%	0.0%	0.1%	2.5%	50	49
			1800	1900	150	4.1%	40.7%	13.3%	0.2%	7.9%	3.8%	4.4%	3.8%	2.8%	0.0%	2.2%	0.0%	2.4%	5.5%	2.1%	0.0%	0.3%	6.6%	50	48
			1900	2000	120	3.5%	35.8%	24.9%	0.1%	3.6%	0.9%	2.5%	2.8%	3.4%	0.0%	1.2%	0.0%	1.4%	3.2%	1.2%	0.0%	0.8%	14.8%	50	49
			2000	2100	90	2.5%	34.1%	27.0%	0.1%	4.1%	2.3%	1.0%	1.1%	3.1%	0.0%	4.1%	0.0%	0.6%	1.4%	0.5%	0.0%	0.9%	17.4%	50	49
			2100	2200	90	8.3%	18.8%	8.3%	0.3%	11.4%	2.9%	3.3%	4.7%	1.4%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	37.6%	50	49
			2200	2300	90	4.0%	20.0%	8.7%	0.1%	5.2%	1.1%	4.1%	5.5%	4.0%	0.0%	0.0%	0.0%	0.3%	0.7%	0.3%	0.0%	2.4%	43.6%	50	49
			2300	2400	60	3.8%	7.5%	16.0%	0.2%	8.9%	2.5%	2.7%	2.8%	2.2%	0.0%	0.0%	0.0%	0.5%	1.0%	0.4%	0.0%	2.9%	48.6%	50	49

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
P2	Dai Wah Street	2-way	0000	0100	2	3.2%	12.5%	24.3%	4.0%	3.0%	5.0%	0.5%	0.5%	0.2%	0.0%	0.0%	1.2%	0.3%	0.7%	0.3%	0.0%	2.5%	41.9%	50	50
			0100	0200	2	3.9%	10.6%	0.0%	0.1%	4.3%	3.6%	4.8%	4.2%	1.2%	0.0%	0.0%	4.3%	0.0%	0.0%	0.0%	0.0%	2.6%	60.5%	50	50
			0200	0300	2	3.8%	11.5%	15.4%	2.5%	20.0%	5.4%	12.0%	12.5%	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	11.0%	50	50
			0300	0400	2	2.0%	13.0%	20.0%	1.3%	12.5%	4.2%	10.4%	10.6%	10.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	15.2%	50	50
			0400	0500	2	4.1%	11.8%	23.1%	2.2%	7.0%	4.5%	6.0%	7.6%	4.7%	0.0%	0.0%	0.0%	0.6%	1.4%	0.5%	0.0%	1.7%	24.7%	50	50
			0500	0600	2	0.8%	3.7%	8.0%	2.0%	3.0%	1.0%	3.8%	5.1%	5.0%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	3.6%	60.8%	50	50
			0600	0700	6	1.6%	10.8%	15.5%	2.1%	4.7%	0.9%	4.7%	6.2%	5.8%	0.0%	5.3%	0.4%	2.1%	4.8%	1.8%	0.0%	2.0%	31.4%	50	50
			0700	0800	12	3.5%	10.2%	18.8%	0.1%	5.4%	5.1%	10.5%	9.2%	8.3%	0.0%	1.1%	1.4%	2.1%	5.8%	6.8%	0.0%	0.9%	10.7%	50	50
			0800	0900	10	1.9%	18.7%	30.4%	0.1%	6.1%	3.1%	6.7%	9.7%	10.3%	0.0%	3.4%	2.3%	0.9%	2.0%	0.8%	0.0%	0.2%	3.5%	50	50
			0900	1000	10	2.0%	16.3%	40.5%	2.1%	5.8%	1.5%	10.1%	10.2%	5.3%	0.0%	0.9%	1.0%	0.7%	1.5%	0.6%	0.0%	0.1%	1.3%	50	50
			1000	1100	8	1.0%	26.3%	19.5%	0.2%	8.7%	3.2%	12.4%	13.0%	7.0%	0.0%	1.6%	0.0%	0.3%	0.7%	0.3%	0.0%	0.2%	5.5%	50	50
			1100	1200	8	2.9%	31.0%	8.6%	0.2%	9.2%	2.4%	11.6%	13.1%	7.9%	0.0%	4.5%	0.0%	0.4%	0.9%	0.3%	0.0%	0.3%	6.6%	50	50
			1200	1300	32	5.5%	30.4%	9.9%	0.1%	7.1%	8.3%	9.3%	11.6%	6.0%	0.0%	2.2%	0.3%	1.3%	3.9%	1.1%	0.0%	0.2%	2.9%	50	50
			1300	1400	36	2.7%	23.6%	14.3%	0.2%	4.9%	6.0%	10.4%	11.6%	12.4%	0.0%	1.8%	0.5%	1.3%	3.1%	1.2%	0.0%	0.3%	5.7%	50	50
			1400	1500	32	1.6%	28.2%	16.7%	0.2%	7.2%	2.1%	10.6%	10.8%	6.0%	0.0%	0.8%	0.4%	1.6%	3.8%	1.4%	0.0%	0.4%	8.0%	50	50
			1500	1600	30	1.8%	28.9%	13.0%	0.2%	7.1%	2.3%	12.8%	13.2%	8.9%	0.0%	3.6%	0.0%	0.5%	1.2%	0.5%	0.0%	0.3%	5.5%	50	50
			1600	1700	32	2.3%	26.3%	11.4%	0.2%	9.2%	3.1%	9.5%	10.4%	5.2%	0.0%	3.2%	0.0%	1.9%	4.3%	1.6%	0.0%	0.6%	10.8%	50	50
			1700	1800	30	5.4%	29.9%	8.7%	3.2%	8.8%	5.0%	6.5%	7.0%	6.8%	0.0%	3.6%	1.0%	2.5%	5.7%	2.2%	0.0%	0.1%	3.5%	50	50
			1800	1900	30	4.1%	30.7%	12.3%	3.2%	8.9%	5.8%	6.4%	5.8%	3.8%	0.0%	2.2%	0.0%	2.4%	5.5%	2.1%	0.0%	0.3%	6.6%	50	50
			1900	2000	30	3.5%	28.8%	20.9%	2.1%	4.6%	3.9%	3.5%	3.8%	4.4%	0.0%	1.2%	0.0%	2.4%	4.2%	5.2%	0.0%	0.8%	10.8%	50	50
			2000	2100	22	2.5%	29.1%	27.0%	2.1%	3.1%	3.3%	2.0%	2.1%	4.1%	0.0%	4.1%	0.0%	0.6%	1.4%	0.5%	0.0%	0.9%	17.4%	50	50
			2100	2200	19	8.3%	18.8%	9.3%	0.3%	10.4%	3.9%	4.3%	5.7%	1.4%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	35.6%	50	50
			2200	2300	17	4.0%	20.0%	8.7%	0.1%	5.2%	1.1%	4.1%	5.5%	4.0%	0.0%	0.0%	0.0%	0.3%	0.7%	0.3%	0.0%	2.4%	43.6%	50	50
			2300	2400	11	3.8%	8.5%	14.0%	2.2%	6.9%	2.5%	3.7%	4.8%	2.2%	0.0%	0.0%	0.0%	1.5%	1.0%	0.4%	0.0%	2.9%	45.6%	50	50
Q	Roads to Fu Tip Estate	2-way	0000	0100	224	2.2%	19.5%	25.3%	0.0%	0.0%	0.0%	0.5%	0.5%	0.2%	0.0%	0.0%	1.2%	0.3%	0.7%	0.3%	0.0%	2.5%	46.9%	50	47
			0100	0200	106	1.9%	12.6%	0.0%	0.1%	3.3%	0.6%	3.8%	1.2%	2.2%	0.0%	0.0%	4.3%	0.0%	0.0%	0.0%	0.0%	3.6%	66.5%	50	49
			0200	0300	54	2.8%	12.5%	15.4%	0.5%	21.0%	5.4%	12.0%	14.5%	5.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	10.0%	50	49
			0300	0400	54	0.0%	21.0%	21.0%	0.3%	11.5%	3.2%	9.4%	10.6%	8.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	14.2%	50	49
			0400	0500	43	4.1%	13.8%	24.1%	0.2%	6.0%	2.5%	5.0%	5.6%	4.7%	0.0%	0.0%	0.0%	0.6%	0.4%	0.5%	0.0%	1.7%	30.7%	50	49
			0500	0600	138	0.8%	6.7%	11.0%	0.0%	0.0%	0.0%	1.8%	3.1%	2.0%	0.0%	1.6%	0.0%	0.4%	0.9%	0.3%	0.0%	3.6%	67.8%	50	48
			0600	0700	438	2.6%	13.8%	15.5%	0.1%	3.7%	0.9%	3.7%	4.2%	2.8%	0.0%	4.3%	0.4%	2.1%	4.8%	1.8%	0.0%	2.0%	37.4%	50	45
			0700	0800	928	3.5%	27.2%	18.8%	0.1%	4.4%	1.1%	3.5%	6.2%	6.3%	0.0%	1.1%	0.4%	2.1%	4.8%	1.8%	0.0%	0.9%	17.7%	50	37
			0800	0900	800	1.9%	23.7%	35.4%	0.1%	4.1%	1.1%	7.7%	8.7%	7.3%	0.0%	2.4%	0.3%	0.9%	2.0%	0.8%	0.0%	0.2%	3.5%	50	39
			0900	1000	832	0.0%	18.3%	42.5%	0.1%	6.8%	2.5%	8.1%	9.2%	5.3%	0.0%	0.9%	0.0%	0.7%	2.5%	1.6%	0.0%	0.1%	1.3%	50	39
			1000	1100	672	0.0%	26.3%	21.5%	0.2%	8.7%	1.2%	13.4%	13.0%	6.0%	0.0%	2.6%	0.0%	0.3%	0.7%	0.3%	0.0%	0.2%	5.5%	50	41
			1100	1200	662	2.9%	28.0%	9.6%	0.2%	10.2%	3.4%	10.6%	13.1%	8.9%	0.0%	4.5%	0.0%	0.4%	0.9%	0.3%	0.0%	0.3%	6.6%	50	41
			1200	1300	611	5.5%	34.4%	8.9%	0.1%	6.1%	1.3%	13.3%	12.6%	6.0%	0.0%	1.2%	0.3%	1.3%	2.9%	1.1%	0.0%	2.2%	2.9%	50	42
			1300	1400	639	4.7%	27.6%	15.3%	0.2%	7.9%	2.0%	9.4%	11.6%	6.4%	0.0%	2.8%	0.5%	1.3%	3.1%	1.2%	0.0%	0.3%	5.7%	50	42
			1400	1500	584	2.6%	26.2%	15.7%	0.2%	6.2%	2.1%	12.6%	10.8%	7.0%	0.0%	0.8%	0.4%	1.6%	2.8%	1.4%	0.0%	0.4%	9.0%	50	42
			1500	1600	557	3.8%	28.9%	12.0%	0.2%	7.1%	2.3%	10.8%	12.2%	8.9%	0.0%	4.6%	0.0%	0.5%	2.2%	0.5%	0.0%	0.3%	5.5%	50	43
			1600	1700	621	1.3%	33.3%	10.4%	0.2%	8.2%	2.1%	7.5%	10.4%	4.2%	0.0%	2.2%	0.0%	1.9%	5.3%	1.6%	0.0%	0.6%	10.8%	50	42
			1700	1800	557	8.4%	43.9%	7.7%	0.2%	8.8%	2.0%	3.5%	5.0%	3.8%	0.0%	3.6%	0.0%	2.5%	5.7%	1.2%	0.0%	2.1%	1.5%	50	43
			1800	1900	730	4.1%	47.7%	12.3%	0.2%	6.9%	1.8%	2.4%	4.8%	1.8%	0.0%	2.2%	0.0%	1.4%	5.5%	2.1%	0.0%	0.3%	6.6%	50	40
			1900	2000	730	4.5%	32.8%	25.9%	0.1%	5.6%	0.9%	2.5%	2.8%	3.4%	0.0%	2.2%	0.0%	1.4%	3.2%	1.2%	0.0%	0.8%	12.8%	50	40
			2000	2100	401	2.5%	38.1%	25.0%	0.1%	4.1%	2.3%	1.0%	1.1%	2.1%	0.0%	4.1%	0.0%	0.6%	0.4%	1.5%	0.0%	0.9%	16.4%	50	45
			2100	2200	356	5.3%	20.8%	9.3%	0.3%	10.4%	2.9%	3.3%	3.7%	1.4%	0.0%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	38.6%	50	46
			2200	2300	319	3.0%	22.0%	10.7%	0.1%	5.2%	1.1%	3.1%	3.5%	4.0%	0.0%	0.0%	0.0%	0.3%	0.7%	0.3%	0.0%	2.4%	43.6%	50	46
			2300	2400	283	3.8%	8.5%	17.0%	0.2%	7.9%	1.5%	0.7%	0.8%	2.2%	0.0%	0.0%	0.0%	0.5%	2.0%	0.4%	0.0%	1.9%	52.6%	50	47

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
R	Access Road from Ting Kok Road to Yue Kok Village	2-way	0000	0100	3	3.3%	63.3%	23.5%	3.2%	3.2%	3.1%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0100	0200	3	3.4%	60.3%	26.0%	3.3%	3.3%	3.1%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0200	0300	3	3.5%	62.3%	24.3%	3.2%	3.2%	3.2%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0300	0400	4	3.4%	62.2%	24.1%	3.2%	3.6%	3.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0400	0500	4	3.3%	64.1%	22.3%	3.2%	3.4%	3.3%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0500	0600	4	3.3%	64.9%	21.5%	3.5%	3.1%	3.3%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0600	0700	6	3.3%	64.9%	21.6%	2.5%	3.4%	3.8%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0700	0800	8	3.6%	64.8%	21.7%	2.6%	3.4%	3.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0800	0900	10	3.4%	66.7%	20.0%	2.3%	3.5%	3.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0900	1000	8	3.4%	64.5%	21.9%	2.5%	3.5%	3.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1000	1100	6	3.8%	61.2%	24.6%	2.6%	3.8%	3.6%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1100	1200	4	3.7%	63.0%	22.9%	2.7%	3.6%	3.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1200	1300	5	3.5%	60.6%	25.5%	2.5%	3.9%	3.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1300	1400	5	3.7%	63.0%	22.8%	2.8%	3.8%	3.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1400	1500	8	3.5%	64.8%	21.7%	2.7%	3.5%	3.3%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1500	1600	8	3.2%	62.8%	24.1%	2.5%	3.4%	3.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1600	1700	8	3.3%	65.3%	21.2%	2.7%	3.5%	3.5%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1700	1800	13	3.2%	62.2%	25.1%	2.4%	3.2%	3.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1800	1900	10	3.3%	62.4%	24.5%	2.5%	3.3%	3.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1900	2000	10	3.4%	62.5%	24.1%	2.2%	3.3%	3.9%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2000	2100	8	3.3%	62.6%	24.0%	2.6%	3.6%	3.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2100	2200	5	3.3%	66.1%	21.2%	2.2%	3.2%	3.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2200	2300	5	3.4%	62.9%	24.2%	2.5%	3.1%	3.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2300	2400	3	3.7%	64.3%	22.1%	2.3%	3.9%	3.3%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
S	Access Road from Fung Yuen Road around Fung Yuen Playground	2-way	0000	0100	3	3.2%	61.8%	23.6%	3.5%	3.3%	3.2%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0100	0200	3	3.2%	60.3%	25.3%	3.3%	3.3%	3.1%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0200	0300	3	3.2%	62.1%	23.9%	3.2%	3.2%	3.2%	0.5%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0300	0400	4	3.2%	61.7%	24.2%	3.2%	3.6%	3.1%	0.4%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0400	0500	4	3.2%	64.3%	21.2%	3.2%	3.4%	3.3%	0.4%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0500	0600	4	3.2%	64.7%	21.2%	3.2%	3.1%	3.3%	0.5%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0600	0700	6	3.3%	64.9%	21.4%	2.3%	3.2%	3.5%	0.5%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0700	0800	8	3.2%	64.8%	21.3%	2.6%	3.4%	3.4%	0.6%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0800	0900	10	3.3%	65.7%	20.2%	2.3%	3.4%	3.6%	0.6%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0900	1000	8	3.3%	64.5%	21.4%	2.4%	3.4%	3.6%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1000	1100	6	3.2%	61.2%	24.2%	2.6%	3.7%	3.6%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1100	1200	4	3.3%	63.0%	22.5%	2.7%	3.6%	3.5%	0.6%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1200	1300	5	3.2%	60.1%	25.5%	2.4%	3.9%	3.5%	0.6%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1300	1400	5	3.2%	63.0%	22.3%	2.8%	3.8%	3.2%	0.6%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1400	1500	8	3.2%	64.8%	21.5%	2.6%	3.5%	3.3%	0.2%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1500	1600	8	3.3%	62.8%	23.2%	2.5%	3.4%	3.4%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1600	1700	8	3.2%	64.5%	21.1%	2.7%	3.5%	3.5%	0.6%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1700	1800	13	3.2%	61.1%	25.2%	2.2%	3.3%	3.5%	0.5%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1800	1900	10	3.2%	61.8%	24.5%	2.1%	3.4%	3.5%	0.6%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1900	2000	10	3.1%	62.3%	24.3%	2.1%	3.3%	3.4%	0.7%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2000	2100	8	3.2%	62.6%	23.6%	2.6%	3.2%	3.5%	0.5%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2100	2200	5	3.2%	65.2%	21.3%	2.2%	3.2%	3.5%	0.6%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2200	2300	5	3.3%	62.1%	24.4%	2.5%	3.1%	3.3%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2300	2400	3	3.3%	63.8%	22.6%	2.3%	3.5%	3.2%	0.5%	0.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
T1	Local Road Access to the Fung Yuen Tsuen	2-way	0000	0100	4	3.4%	61.3%	24.3%	4.0%	4.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0100	0200	4	3.1%	62.3%	25.6%	4.0%	2.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0200	0300	4	3.6%	63.7%	23.6%	3.0%	3.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0300	0400	4	3.1%	65.8%	22.9%	2.0%	3.5%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0400	0500	4	3.5%	67.2%	21.3%	2.4%	2.7%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0500	0600	8	3.6%	65.5%	23.1%	2.4%	2.6%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0600	0700	12	3.2%	67.1%	20.6%	2.6%	3.4%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0700	0800	16	3.1%	66.1%	22.0%	2.5%	3.1%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0800	0900	20	3.0%	67.3%	20.0%	3.0%	3.3%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0900	1000	16	3.4%	66.4%	21.3%	2.3%	3.5%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1000	1100	12	3.3%	62.6%	25.1%	2.5%	3.4%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1100	1200	8	3.9%	64.9%	22.1%	2.4%	3.3%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1200	1300	13	3.3%	63.5%	24.0%	2.6%	3.4%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1300	1400	20	3.6%	64.2%	23.3%	2.5%	3.2%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1400	1500	20	3.1%	64.5%	23.4%	2.5%	3.3%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1500	1600	13	3.4%	63.6%	24.0%	2.5%	3.2%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1600	1700	20	3.3%	62.4%	24.3%	2.9%	3.6%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1700	1800	33	3.3%	63.0%	24.0%	2.5%	3.6%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	49
			1800	1900	20	3.4%	64.1%	22.9%	2.5%	3.5%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1900	2000	20	3.6%	63.4%	23.8%	2.3%	3.5%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2000	2100	20	3.2%	64.6%	23.1%	2.9%	3.1%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2100	2200	13	3.4%	66.3%	21.4%	2.8%	3.1%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2200	2300	13	3.8%	63.8%	23.4%	2.5%	3.2%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2300	2400	7	3.5%	64.8%	22.1%	2.7%	3.8%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
T2	Local Road Access to the Fung Yuen Tsuen	2-way	0000	0100	4	3.5%	62.3%	24.6%	3.2%	3.3%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0100	0200	4	3.3%	61.3%	25.0%	3.2%	3.7%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0200	0300	4	3.4%	62.7%	23.9%	3.2%	3.6%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0300	0400	8	3.5%	63.4%	22.9%	3.3%	3.5%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0400	0500	8	3.5%	65.2%	21.4%	3.3%	3.4%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0500	0600	8	3.4%	65.5%	21.5%	2.5%	3.5%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0600	0700	12	3.4%	65.3%	21.6%	2.4%	3.4%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0700	0800	16	3.6%	65.2%	21.7%	2.5%	3.4%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0800	0900	20	3.8%	66.8%	20.0%	2.3%	3.6%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0900	1000	16	3.5%	64.5%	22.3%	2.6%	3.7%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1000	1100	12	3.7%	62.1%	24.1%	2.9%	3.7%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1100	1200	8	3.6%	63.6%	22.9%	2.7%	3.6%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1200	1300	11	3.5%	61.3%	25.3%	2.6%	3.9%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1300	1400	11	3.6%	62.0%	25.0%	2.2%	3.6%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1400	1500	15	3.6%	65.8%	21.4%	2.4%	3.3%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1500	1600	15	3.4%	62.7%	24.5%	2.4%	3.3%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1600	1700	15	3.3%	64.3%	22.3%	2.9%	3.5%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1700	1800	25	3.2%	61.2%	26.0%	2.6%	3.3%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	49
			1800	1900	20	3.4%	62.4%	23.9%	2.9%	3.6%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1900	2000	20	3.5%	63.5%	23.8%	2.3%	3.5%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2000	2100	15	3.2%	64.6%	21.8%	2.9%	4.0%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2100	2200	11	3.2%	66.5%	20.9%	2.5%	3.4%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2200	2300	11	3.6%	63.9%	23.4%	2.6%	3.1%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2300	2400	5	3.6%	64.7%	22.1%	2.5%	3.9%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
U	Access Road from Ting Kok Road to Fung Mei Wai	2-way	0000	0100	3	3.6%	63.0%	23.6%	3.6%	3.1%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0100	0200	3	3.4%	61.6%	25.2%	3.2%	3.2%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0200	0300	3	3.4%	62.8%	24.3%	3.2%	3.2%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0300	0400	3	3.4%	62.3%	24.3%	3.2%	3.6%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0400	0500	3	3.4%	64.4%	22.3%	3.2%	3.5%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0500	0600	4	3.3%	66.0%	20.3%	3.6%	3.6%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0600	0700	6	3.3%	64.6%	21.7%	3.5%	3.3%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0700	0800	8	3.1%	64.8%	21.7%	3.5%	3.4%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0800	0900	10	3.4%	66.7%	20.4%	2.3%	3.7%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0900	1000	8	3.2%	64.5%	22.6%	2.6%	3.6%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1000	1100	6	3.2%	62.1%	24.6%	2.6%	3.9%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1100	1200	4	3.4%	63.3%	23.3%	2.8%	3.7%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1200	1300	5	3.5%	62.5%	24.8%	2.6%	3.4%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1300	1400	5	3.7%	64.0%	22.7%	2.6%	3.4%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1400	1500	5	3.6%	64.5%	22.1%	2.7%	3.5%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1500	1600	5	3.5%	63.1%	24.1%	2.6%	3.4%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1600	1700	5	3.3%	65.1%	21.2%	2.8%	3.8%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1700	1800	13	3.3%	62.3%	25.3%	2.4%	3.4%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1800	1900	10	3.1%	62.7%	24.6%	2.6%	3.5%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1900	2000	8	3.3%	62.9%	24.1%	2.5%	3.3%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2000	2100	8	3.3%	62.9%	24.0%	2.6%	3.6%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2100	2200	5	3.3%	66.7%	21.4%	2.2%	3.2%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2200	2300	3	3.4%	63.0%	24.4%	2.7%	3.2%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2300	2400	3	3.2%	63.1%	23.8%	2.2%	4.0%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
V	Access Road from Ting Kok Road to Fung Mei Wai	2-way	0000	0100	3	3.5%	64.1%	22.8%	3.4%	3.1%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0100	0200	3	3.6%	61.3%	25.3%	3.2%	3.2%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0200	0300	3	3.5%	63.7%	23.3%	3.2%	3.2%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0300	0400	3	3.3%	62.5%	24.3%	3.2%	3.6%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0400	0500	3	3.3%	65.2%	21.9%	3.2%	3.3%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0500	0600	4	3.5%	65.7%	20.4%	3.6%	3.6%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0600	0700	4	3.8%	64.5%	21.2%	3.5%	3.3%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0700	0800	8	3.3%	64.8%	21.3%	3.5%	3.4%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0800	0900	10	3.1%	65.0%	22.4%	2.3%	3.7%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0900	1000	8	3.2%	65.4%	22.6%	2.3%	3.3%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1000	1100	6	3.3%	63.2%	23.6%	2.5%	3.9%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1100	1200	4	3.5%	63.2%	23.3%	2.8%	3.7%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1200	1300	5	3.2%	62.1%	24.9%	2.7%	3.7%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1300	1400	5	3.7%	64.1%	22.7%	2.5%	3.5%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1400	1500	5	3.3%	64.3%	22.1%	2.7%	3.7%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1500	1600	5	3.2%	62.2%	25.2%	2.6%	3.4%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1600	1700	5	3.4%	64.3%	21.9%	2.6%	3.9%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1700	1800	13	3.3%	63.1%	25.0%	2.2%	3.2%	3.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1800	1900	10	3.2%	63.4%	24.1%	2.3%	3.5%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1900	2000	10	3.3%	62.9%	24.1%	2.5%	3.3%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2000	2100	8	3.2%	62.7%	24.0%	2.8%	3.6%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2100	2200	5	3.4%	66.4%	21.4%	2.2%	3.2%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2200	2300	3	3.4%	62.8%	24.4%	2.9%	3.2%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2300	2400	3	3.2%	63.2%	23.6%	2.2%	4.0%	3.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
W1	From Fung Yuen Road to House 9 of Case Papillon	2-way	0000	0100	8	4.0%	62.6%	25.1%	2.8%	2.2%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0100	0200	8	3.1%	62.4%	26.7%	2.3%	2.3%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0200	0300	4	3.4%	64.6%	24.1%	2.4%	2.2%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0300	0400	4	3.2%	62.6%	26.3%	2.5%	2.2%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0400	0500	8	3.5%	67.1%	21.3%	2.6%	2.3%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0500	0600	8	3.6%	66.7%	21.6%	2.6%	2.3%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0600	0700	12	3.4%	67.0%	21.6%	2.4%	2.3%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0700	0800	16	3.1%	68.0%	20.9%	2.5%	2.3%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0800	0900	20	3.6%	66.0%	22.1%	2.6%	2.6%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0900	1000	16	3.4%	65.9%	22.8%	2.5%	2.3%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1000	1100	16	3.4%	65.4%	23.2%	2.5%	2.3%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1100	1200	12	3.6%	64.2%	24.1%	2.4%	2.5%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1200	1300	20	3.6%	65.5%	22.4%	2.7%	2.6%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1300	1400	20	3.4%	64.8%	23.3%	2.6%	2.6%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1400	1500	15	3.5%	65.0%	23.0%	2.5%	2.8%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1500	1600	15	3.4%	66.5%	21.8%	2.3%	2.7%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1600	1700	20	3.3%	67.7%	20.9%	2.2%	2.6%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1700	1800	25	3.4%	68.0%	20.5%	2.3%	2.5%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1800	1900	20	3.4%	65.0%	23.6%	2.2%	2.4%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1900	2000	20	3.6%	65.2%	23.1%	2.2%	2.6%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2000	2100	15	3.5%	66.6%	22.0%	2.2%	2.5%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2100	2200	15	3.4%	67.2%	21.3%	2.2%	2.6%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2200	2300	11	3.8%	67.0%	21.2%	2.2%	2.5%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2300	2400	5	3.7%	68.1%	20.1%	2.2%	2.3%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	50	50
W2	From Fung Yuen Road to House 10 of Case Papillon	2-way	0000	0100	4	3.7%	62.4%	25.4%	2.3%	2.2%	3.3%	0.4%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0100	0200	4	3.6%	60.1%	27.4%	2.2%	2.3%	3.3%	0.8%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0200	0300	8	3.6%	62.2%	25.0%	2.2%	2.2%	3.2%	0.8%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0300	0400	4	3.3%	63.1%	24.1%	2.7%	2.1%	3.2%	0.7%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0400	0500	8	3.6%	64.8%	22.3%	2.5%	2.2%	3.3%	0.6%	0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0500	0600	8	3.6%	62.4%	23.8%	3.0%	2.2%	3.4%	0.6%	0.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0600	0700	12	3.5%	64.5%	21.8%	2.7%	2.3%	3.5%	0.7%	0.8%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0700	0800	12	3.5%	63.7%	22.9%	2.6%	2.3%	3.3%	0.7%	0.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0800	0900	20	3.7%	64.0%	22.1%	2.6%	2.6%	3.3%	0.9%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0900	1000	16	3.5%	63.0%	23.9%	2.3%	2.2%	3.2%	0.8%	0.7%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1000	1100	16	3.4%	62.5%	24.2%	2.5%	2.3%	3.2%	0.9%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1100	1200	16	3.4%	62.4%	24.1%	2.4%	2.5%	3.2%	0.9%	0.6%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1200	1300	20	3.6%	63.4%	22.4%	2.7%	2.6%	3.3%	0.9%	0.7%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1300	1400	20	3.7%	61.5%	24.1%	2.7%	2.3%	3.4%	1.0%	0.8%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1400	1500	15	3.6%	63.9%	21.7%	2.8%	2.7%	3.3%	0.9%	0.7%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1500	1600	15	3.6%	62.3%	23.8%	2.4%	2.5%	3.4%	0.5%	0.9%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1600	1700	20	3.5%	64.6%	21.2%	2.3%	2.8%	3.4%	0.8%	0.9%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1700	1800	25	3.8%	64.4%	21.3%	2.6%	2.5%	3.4%	0.9%	0.8%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	49
			1800	1900	20	3.5%	64.2%	22.2%	2.3%	2.3%	3.4%	0.9%	0.8%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1900	2000	20	3.7%	62.4%	23.7%	2.5%	2.3%	3.6%	0.6%	0.8%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2000	2100	15	3.5%	63.3%	23.1%	2.2%	2.6%	3.5%	0.6%	0.8%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2100	2200	11	3.6%	64.8%	22.2%	2.2%	2.2%	3.3%	0.5%	0.8%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2200	2300	11	3.7%	65.9%	21.0%	2.2%	2.3%	3.2%	0.6%	0.6%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2300	2400	5	3.8%	66.6%	20.1%	2.1%	2.4%	3.4%	0.6%	0.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50

Rezoning Application at Fung Yuen Road, Tai Po

YEAR 2045 VEHICLE COMPOSITION FOR AIR QUALITY ASSESSMENT

Link No.	Road Name	Direction	Time		Traffic Flow (veh/hr)	Vehicle Composition (%)																	Speed Limit (km/hr)	Average Speed (km/hr)
			From	To		MC	PC	TAXI	LGV(3)	LGV(4)	LGV(6)	HGV(7)	HGV(8)	HGV(9)	PrLB(4)	PrLB(5)	PLB	NFB(6)	NFB(7)	NFB(8)	NFB(9)	SDFB	DDFB		
X	From Ting Kok Road to Yue Kok Village Sitting-Out Area	2-way	0000	0100	6	3.4%	63.7%	23.1%	3.3%	3.1%	3.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0100	0200	6	3.5%	60.8%	25.6%	3.2%	3.2%	3.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0200	0300	6	3.5%	63.0%	23.8%	3.2%	3.2%	3.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0300	0400	8	3.3%	62.3%	24.2%	3.2%	3.6%	3.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0400	0500	8	3.3%	64.7%	22.1%	3.2%	3.4%	3.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0500	0600	12	3.4%	65.3%	21.0%	3.5%	3.4%	3.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0600	0700	14	3.5%	64.7%	21.4%	3.0%	3.3%	3.8%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0700	0800	24	3.5%	64.8%	21.5%	3.1%	3.4%	3.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0800	0900	30	3.3%	65.8%	21.2%	2.3%	3.6%	3.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0900	1000	24	3.3%	65.0%	22.3%	2.4%	3.4%	3.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1000	1100	18	3.5%	62.2%	24.1%	2.6%	3.8%	3.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1100	1200	12	3.6%	63.1%	23.1%	2.7%	3.7%	3.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1200	1300	11	3.4%	61.4%	25.2%	2.6%	3.8%	3.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1300	1400	11	3.7%	63.6%	22.8%	2.7%	3.6%	3.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1400	1500	12	3.4%	64.6%	21.9%	2.7%	3.6%	3.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1500	1600	12	3.2%	62.5%	24.7%	2.6%	3.4%	3.5%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1600	1700	12	3.3%	64.8%	21.5%	2.6%	3.7%	3.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1700	1800	25	3.3%	62.6%	25.0%	2.3%	3.2%	3.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1800	1900	20	3.3%	62.9%	24.3%	2.4%	3.4%	3.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			1900	2000	20	3.4%	62.7%	24.1%	2.3%	3.3%	3.9%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2000	2100	15	3.3%	62.6%	24.0%	2.7%	3.6%	3.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2100	2200	11	3.3%	66.2%	21.3%	2.2%	3.2%	3.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2200	2300	8	3.4%	62.8%	24.3%	2.7%	3.2%	3.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			2300	2400	5	3.4%	63.8%	22.8%	2.2%	3.9%	3.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
Y	From Fung Yuen Road to Cinderella Farm	2-way	0000	0100	4	1.9%	63.0%	23.6%	3.5%	3.3%	3.2%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	50	50
			0100	0200	4	1.6%	61.8%	25.3%	3.3%	3.3%	3.1%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0200	0300	4	1.8%	63.4%	23.9%	3.2%	3.2%	3.2%	0.5%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0300	0400	8	9.4%	55.4%	24.2%	3.2%	3.6%	3.1%	0.4%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50	50
			0400	0500	8	0.0%	66.5%	21.2%	3.2%	3.4%	3.3%	0.4%	0.6%	0.4%	0.0%	0.0%	0.0%	0.2%	0.6%	0.2%	0.0%	0.0%	0.0%	50	50
			0500	0600	8	2.7%	64.9%	21.2%	3.2%	3.1%	3.3%	0.5%	0.5%	0.3%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	50	50
			0600	0700	12	2.5%	62.3%	21.4%	2.3%	3.2%	3.5%	0.5%	0.5%	0.4%	0.0%	0.0%	0.0%	0.8%	1.8%	0.7%	0.0%	0.0%	0.0%	50	50
			0700	0800	16	2.7%	61.9%	21.3%	2.6%	3.4%	3.4%	0.6%	0.5%	0.3%	0.0%	0.0%	0.0%	0.8%	1.9%	0.7%	0.0%	0.0%	0.0%	50	50
			0800	0900	20	2.5%	63.5%	20.2%	2.3%	3.4%	3.6%	0.6%	0.6%	0.4%	0.0%	0.0%	0.0%	0.7%	1.6%	0.6%	0.0%	0.0%	0.0%	50	50
			0900	1000	16	2.0%	64.3%	21.4%	2.4%	3.4%	3.6%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.4%	0.8%	0.3%	0.0%	0.0%	0.0%	50	50
			1000	1100	12	2.8%	60.9%	24.2%	2.6%	3.7%	3.6%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.2%	0.4%	0.2%	0.0%	0.0%	0.0%	50	50
			1100	1200	8	2.3%	63.0%	22.5%	2.7%	3.6%	3.5%	0.6%	0.5%	0.3%	0.0%	0.0%	0.0%	0.2%	0.5%	0.2%	0.0%	0.0%	0.0%	50	50
			1200	1300	11	3.5%	58.4%	25.5%	2.4%	3.9%	3.5%	0.6%	0.5%	0.3%	0.0%	0.0%	0.0%	0.4%	0.8%	0.3%	0.0%	0.0%	0.0%	50	50
			1300	1400	11	3.4%	61.7%	22.3%	2.8%	3.8%	3.2%	0.6%	0.6%	0.4%	0.0%	0.0%	0.0%	0.3%	0.6%	0.2%	0.0%	0.0%	0.0%	50	50
			1400	1500	15	2.0%	65.1%	21.5%	2.6%	3.5%	3.3%	0.2%	0.5%	0.4%	0.0%	0.0%	0.0%	0.2%	0.5%	0.2%	0.0%	0.0%	0.0%	50	50
			1500	1600	15	2.4%	62.7%	23.2%	2.5%	3.4%	3.4%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.2%	0.5%	0.2%	0.0%	0.0%	0.0%	50	50
			1600	1700	15	3.0%	63.4%	21.1%	2.7%	3.5%	3.5%	0.6%	0.6%	0.3%	0.0%	0.0%	0.0%	0.3%	0.7%	0.3%	0.0%	0.0%	0.0%	50	50
			1700	1800	25	4.1%	58.1%	25.2%	2.2%	3.3%	3.5%	0.5%	0.6%	0.4%	0.0%	0.0%	0.0%	0.5%	1.1%	0.4%	0.0%	0.0%	0.0%	50	49
			1800	1900	20	3.6%	60.0%	24.5%	2.1%	3.4%	3.5%	0.6%	0.6%	0.3%	0.0%	0.0%	0.0%	0.4%	0.8%	0.3%	0.0%	0.0%	0.0%	50	50
			1900	2000	20	4.5%	59.5%	24.3%	2.1%	3.3%	3.4%	0.7%	0.5%	0.4%	0.0%	0.0%	0.0%	0.3%	0.7%	0.3%	0.0%	0.0%	0.0%	50	50
			2000	2100	15	4.8%	59.3%	23.6%	2.6%	3.2%	3.5%	0.5%	0.5%	0.4%	0.0%	0.0%	0.0%	0.4%	0.9%	0.3%	0.0%	0.0%	0.0%	50	50
			2100	2200	11	4.1%	62.4%	21.3%	2.2%	3.2%	3.5%	0.6%	0.6%	0.3%	0.0%	0.0%	0.0%	0.5%	1.1%	0.4%	0.0%	0.0%	0.0%	50	50
			2200	2300	11	2.9%	61.4%	24.4%	2.5%	3.1%	3.3%	0.6%	0.5%	0.4%	0.0%	0.0%	0.0%	0.3%	0.6%	0.2%	0.0%	0.0%	0.0%	50	50
			2300	2400	5	1.8%	64.4%	22.6%	2.3%	3.5%	3.2%	0.5%	0.5%	0.3%	0.0%	0.0%	0.0%	0.2%	0.5%	0.2%	0.0%	0.0%	0.0%	50	50

APPENDIX 7

START PROFILE INPUT TO SAMP-v2.1

Start Profile	01 - Private Cars	02 - Taxi	03 - Light Goods Vehicles <=2.5t	04 - Light Goods Vehicles 2.5-3.5t	05 - Light Goods Vehicles >3.5t	06 - Medium Goods Vehicles <=15t	07 - Medium Goods Vehicles 15-24t	08 - Public Light Buses	09 - Private Light Bus <=3.5t	10 - Private Light Bus >3.5t	11 - Non-franchised Bus<=6.	12 - Non-franchised Bus 6.4-15t	13 - Non-franchised Bus 15-24t	14 - Franchised Bus Single Deck	15 - Franchised Bus Double Deck	16 - Motorcycles	17 - Heavy Goods Vehicles >24t	18 - Non-franchised Bus >24t
	PC	TAXI	LGV3	LGV4	LGV6	HGV7	HGV8	PLB	PV4	PV5	NFB6	NFB7	NFB8	FBSD	FBDD	MC	HGV9	NFB9
Y	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Job Title: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Job No.: 22608

	Average Daily Vehicle-Kilometre [1]
Total (All Road Types)	40168684.2
Road Network - Minor (LD and RR)	
HK Island	244016.7
Kowloon	178028.8
New Territories	1024303.6
Sub-total	1446349.1
Road Network - Major (LD and RR)	
HK Island	830988.7
Kowloon	1071040.4
New Territories	5407899.4
Sub-total	7309928.6
Total (LD and RR)	8756277.7
% of LD and RR	**21.8**

Note:

[1] The average daily vehicle-kilometre are derived from the raw data of "The Annual Traffic Census 2023" provided by the Transport Department (TD)

APPENDIX 8

TEMPERATURE AND HUMIDITY ADOPTED IN VEHICULAR EMISSION ASSESSMENT
(GENERATED BY SAMP-v2.1)

Grid (LT)	Hour	Annual Minimum		Month Minimum																				Month Average													
		Temperature	RH	January		February		March		April		May		June		July		August		September		October		November		December		January		February		March		April		May		June	
				Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH	Temperature	RH
40,48	0000-0100	13	25	13	57	16	59	17	72	20	77	21	68	22	70	22	68	26	68	25	55	22	40	17	43	13	25	18	57	21	85	21	84	25	84	25	85	28	81	29	79
40,48	0100-0200	13	26	13	59	16	59	17	74	20	78	21	68	22	70	23	71	26	71	24	57	22	48	17	46	12	26	18	57	20	85	21	85	24	84	25	86	28	82	29	80
40,48	0200-0300	12	25	12	58	15	59	17	74	20	65	21	70	26	75	26	73	26	68	24	59	22	52	17	47	12	25	18	56	20	85	21	85	24	84	25	86	28	83	28	81
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40,48	0500-0600	11	22	12	59	15	57	16	64	20	74	21	73	24	76	27	73	26	73	22	59	21	51	16	47	11	22	17	57	20	86	21	84	24	85	25	86	28	84	28	82
40,48	0600-0700	11	21	11	61	15	52	16	53	20	72	20	64	24	69	27	71	26	72	23	61	21	50	15	46	11	21	17	57	20	86	21	83	25	85	25	86	28	83	28	82
40,48	0700-0800	12	24	12	45	15	61	16	44	20	69	21	57	24	65	27	68	27	70	24	57	22	48	16	43	12	24	17	55	21	83	22	78	26	78	26	79	29	79	29	77
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40,48	1000-1100	15	22	15	37	18	55	18	37	21	53	24	50	27	53	27	54	29	48	26	39	24	38	19	36	15	22	20	64	23	67	24	65	28	65	29	68	31	66	32	63
40,48	1100-1200	15	21	16	36	19	53	18	40	21	51	24	47	27	48	27	49	30	43	28	37	25	36	20	33	15	21	21	61	24	64	25	63	29	63	29	65	32	64	32	61
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40,48	2100-2200	15	22	16	46	17	73	18	66	20	66	22	68	27	72	27	67	27	61	25	39	25	45	19	38	15	22	20	73	23	82	22	82	26	81	26	84	29	80	29	78
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40,48	0200-0300	9	32	10	47	14	66	16	83	19	71	20	71	25	83	24	84	24	77	20	48	18	63	13	60	8	27	16	83	19	91	20	91	23	90	24	92	27	90	27	88
40,48	0300-0400	8	27	10	47	14	65	15	80	19	71	19	77	24	83	26	83	24	83	20	47	18	62	13	63	8	27	15	83	19	91	20	90	23	91	24	92	26	90	27	89
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40,48	0500-0600	7	26	9	49	14	63	15	78	19	67	19	81	24	84	25	84	24	84	20	47	18	62	13	63	7	26	15	84	19	91	19	90	23	91	24	92	27	91	27	89
40,48	0600-0700	7	27	9	53	14	64	15	64	19	79	20	71	25	76	26	79	25	78	22	48	19	60	13	55	7	27	15	84	19	90	20	88	24	88	25	88	28	86	28	84
40,48	0700-0800	11	28	11	50	15	65	16	49	20	75	21	64	24	72	26	74	26	75	23	44	21	53	15	48	11	28	16	80	20	87	21	85	25	83	26	85	28	82	29	80
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40,48	1100-1200	15	25	15	41	18	59	18	45	20	57	23	53	26	56	26	56	26	56	25	32	23	42	19	39	15	25	20	66	23	70	24	69	27	71	28	72	31	70	31	68
40,48	1200-1300	15	24	15	40	18	55	17	48	21	54	22	53	27	51	26	51	27	45	28	32	25	40	20	37	15	24	21	64	24	69	24	68	28	71	28	71	31	69	32	66
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40,48	1100-1200	16	22	16	37	19	51	18	41	21	52	24	49	27	48	27	49	30	43	28	27	25	36	20	34	16	22	21	62	24	66	25	64	28	65	29	66	31	67	31	65
40,48	1200-1300	16	20	16	35	19	51	18	44	22	49	23	45	27	44	27	46	29	38	29	27	26	34	20	33	16	20	21	62	24	65	25	64	28	65	29	65	32	63	33	61
40,48	1300-1400	16	19	17	33	20	49	18	44	21	49	23	46	28	38	28	46	27	39	29	26	26	34	21	34	16	19	22	58	25	63	25	63	29	63	29	65	32	63	33	61
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40,48	1100-1200	15	25	16	41	18	59	18	45	21	57	23	54	26	56	26	55	26	55	25	32	23	42	19	39	15	25	20	66	23	70	24	69	28	70	28	72	31	70	32	68
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40,48	1600-1700	15	25	16	38	19	55	18	54	21	56	22	61	27	51	26	53	27	50	27	34	24	45	19	45	15	25	21	66	24	71	24

APPENDIX 9

SUMMARY OF VEHICULAR EMISSION RATE
(GENERATED BY SAMP-v2.1)

Road Name	Road ID	Hour	NO2 Emission			NO Emission			NOX Emission			PM25 Emission			PM10 Emission		
			AnnualHourMin			AnnualHourMin			AnnualHourMin			AnnualHourMin			AnnualHourMin		
			g/km/veh	g/s/m2	tonne/year	g/km/veh	g/s/m2	tonne/year	g/km/veh	g/s/m2	tonne/year	g/km/veh	g/s/m2	tonne/year	g/km/veh	g/s/m2	tonne/year
A1, Fung Yuen Road	RD_001	0000-0100	0.0291815	3.679E-08	0.0003484	0.2709779	3.416E-07	0.0032348	0.3001594	3.784E-07	0.0035832	0.0055726	7.025E-09	6.652E-05	0.0060803	7.665E-09	7.258E-05
A1, Fung Yuen Road	RD_001	0100-0200	0.0402688	2.237E-08	0.0002118	0.3014554	1.675E-07	0.0015858	0.3417241	1.898E-07	0.0017977	0.0052211	2.901E-09	2.747E-05	0.0057046	3.169E-09	3.001E-05
A1, Fung Yuen Road	RD_001	0200-0300	0.0481725	1.235E-08	0.000117	0.2964194	7.6E-08	0.0007197	0.3445918	8.836E-08	0.0008367	0.0047778	1.225E-09	1.16E-05	0.0052195	1.338E-09	1.267E-05
A1, Fung Yuen Road	RD_001	0300-0400	0.0787053	2.186E-08	0.000207	0.4740896	1.317E-07	0.001247	0.5527949	1.536E-07	0.001454	0.0095208	2.645E-09	2.504E-05	0.0104912	2.914E-09	2.76E-05
A1, Fung Yuen Road	RD_001	0400-0500	0.1088384	2.093E-08	0.0001982	0.5681055	1.093E-07	0.0010345	0.6769439	1.302E-07	0.0012327	0.0099056	1.905E-09	1.804E-05	0.0107636	2.07E-09	1.96E-05
A1, Fung Yuen Road	RD_001	0500-0600	0.0904495	5.218E-08	0.0004941	0.6522291	3.763E-07	0.0035631	0.7426786	4.285E-07	0.0040572	0.013407	7.735E-09	7.324E-05	0.0146189	8.434E-09	7.986E-05
A1, Fung Yuen Road	RD_001	0600-0700	0.0832975	1.887E-07	0.0017865	0.5714611	1.294E-06	0.0122562	0.6547586	1.483E-06	0.0140426	0.0128467	2.91E-08	0.0002755	0.0140001	3.171E-08	0.0003003
A1, Fung Yuen Road	RD_001	0700-0800	0.0892885	4.693E-07	0.0044442	0.4817177	2.532E-06	0.0239767	0.5710062	3.001E-06	0.0284209	0.0119357	6.274E-08	0.0005941	0.0130015	6.834E-08	0.0006471
A1, Fung Yuen Road	RD_001	0800-0900	0.0959188	5.739E-07	0.0054341	0.5027142	3.008E-06	0.0284801	0.598633	3.582E-06	0.0339141	0.0120524	7.211E-08	0.0006828	0.0131274	7.854E-08	0.0007437
A1, Fung Yuen Road	RD_001	0900-1000	0.1177781	5.738E-07	0.0054333	0.5739812	2.796E-06	0.0264786	0.6917593	3.37E-06	0.0319118	0.013504	6.579E-08	0.000623	0.0146983	7.161E-08	0.0006781
A1, Fung Yuen Road	RD_001	1000-1100	0.1422159	5.318E-07	0.0050356	0.640907	2.397E-06	0.0226932	0.7831229	2.928E-06	0.0277287	0.0156182	5.84E-08	0.000553	0.0170217	6.365E-08	0.0006027
A1, Fung Yuen Road	RD_001	1100-1200	0.1372676	5.221E-07	0.0049437	0.6206113	2.36E-06	0.0223512	0.7578789	2.883E-06	0.0272949	0.0154631	5.881E-08	0.0005569	0.016855	6.411E-08	0.000607
A1, Fung Yuen Road	RD_001	1200-1300	0.1156783	5.982E-07	0.0056641	0.5469274	2.828E-06	0.0267798	0.6626057	3.426E-06	0.0324439	0.0137856	7.128E-08	0.000675	0.0150267	7.77E-08	0.0007358
A1, Fung Yuen Road	RD_001	1300-1400	0.1105293	6.282E-07	0.0059487	0.5326379	3.027E-06	0.0286666	0.6431672	3.656E-06	0.0346153	0.0131771	7.49E-08	0.0007092	0.014365	8.165E-08	0.0007731
A1, Fung Yuen Road	RD_001	1400-1500	0.1362971	7.019E-07	0.0066461	0.6093355	3.138E-06	0.0297122	0.7456326	3.84E-06	0.0363583	0.0150787	7.765E-08	0.0007353	0.0164105	8.451E-08	0.0008002
A1, Fung Yuen Road	RD_001	1500-1600	0.1313806	6.373E-07	0.0060342	0.5993987	2.907E-06	0.0275298	0.7307793	3.545E-06	0.033564	0.01474	7.15E-08	0.000677	0.0160487	7.784E-08	0.0007371
A1, Fung Yuen Road	RD_001	1600-1700	0.1238455	6.933E-07	0.0065651	0.5784023	3.238E-06	0.0306615	0.7022479	3.931E-06	0.0372266	0.0143882	8.055E-08	0.0007627	0.015674	8.775E-08	0.0008309
A1, Fung Yuen Road	RD_001	1700-1800	0.0931388	5.752E-07	0.0054462	0.4688675	2.895E-06	0.0274164	0.5620062	3.471E-06	0.0328625	0.012006	7.414E-08	0.000702	0.0131009	8.09E-08	0.0007661
A1, Fung Yuen Road	RD_001	1800-1900	0.0628766	3.896E-07	0.0036893	0.3720298	2.305E-06	0.0218292	0.4349064	2.695E-06	0.0255185	0.0096313	5.968E-08	0.0005651	0.0105097	6.512E-08	0.0006167
A1, Fung Yuen Road	RD_001	1900-2000	0.052809	2.505E-07	0.002372	0.3769882	1.788E-06	0.0169333	0.4297971	2.039E-06	0.0193054	0.0096033	4.555E-08	0.0004314	0.0104937	4.978E-08	0.0004713
A1, Fung Yuen Road	RD_001	2000-2100	0.0500001	1.806E-07	0.0017097	0.348721	1.259E-06	0.0119241	0.3987211	1.44E-06	0.0136338	0.0090595	3.271E-08	0.0003098	0.0099298	3.586E-08	0.0003395
A1, Fung Yuen Road	RD_001	2100-2200	0.0469519	1.475E-07	0.0013965	0.338144	1.062E-06	0.0100573	0.385096	1.21E-06	0.0114538	0.0084709	2.661E-08	0.0002519	0.0092494	2.905E-08	0.0002751
A1, Fung Yuen Road	RD_001	2200-2300	0.0387549	1.077E-07	0.0010194	0.3156076	8.767E-07	0.0083014	0.3543625	9.843E-07	0.0093208	0.0070824	1.967E-08	0.0001863	0.0077459	2.152E-08	0.0002037
A1, Fung Yuen Road	RD_001	2300-0000	0.0361664	6.491E-08	0.0006147	0.3296486	5.917E-07	0.0056026	0.3658151	6.566E-07	0.0062173	0.0071854	1.29E-08	0.0001221	0.0078275	1.405E-08	0.000133
A2, Fung Yuen Road	RD_002	0000-0100	0.0317251	7.69E-08	0.0003369	0.2914	7.064E-07	0.0030943	0.323125	7.833E-07	0.0034312	0.0061332	1.487E-08	6.513E-05	0.0066753	1.618E-08	7.088E-05
A2, Fung Yuen Road	RD_002	0100-0200	0.0414732	4.263E-08	0.0001867	0.3083642	3.169E-07	0.0013884	0.3498374	3.596E-07	0.0015751	0.0054155	5.566E-09	2.438E-05	0.0059061	6.07E-09	2.659E-05
A2, Fung Yuen Road	RD_002	0200-0300	0.0491296	2.382E-08	0.0001043	0.3009415	1.459E-07	0.0006391	0.350071	1.697E-07	0.0007435	0.0048829	2.367E-09	1.037E-05	0.0053411	2.589E-09	1.134E-05
A2, Fung Yuen Road	RD_002	0300-0400	0.080146	3.886E-08	0.0001702	0.4800481	2.327E-07	0.0010195	0.5601941	2.716E-07	0.0011897	0.0097083	4.707E-09	2.062E-05	0.0106997	5.187E-09	2.272E-05
A2, Fung Yuen Road	RD_002	0400-0500	0.1098448	4.26E-08	0.0001866	0.5715969	2.217E-07	0.0009711	0.6814417	2.643E-07	0.0011578	0.0100247	3.888E-09	1.703E-05	0.0108799	4.22E-09	1.849E-05
A2, Fung Yuen Road	RD_002	0500-0600	0.0931272	1.029E-07	0.0004509	0.6673768	7.377E-07	0.0032315	0.760504	8.406E-07	0.0036825	0.0138831	1.535E-08	6.722E-05	0.015132	1.673E-08	7.327E-05
A2, Fung Yuen Road	RD_002	0600-0700	0.0960693	4.117E-07	0.0018036	0.6455397	2.767E-06	0.0121194	0.741609	3.178E-06	0.013923	0.0148987	6.385E-08	0.0002797	0.01622	6.952E-08	0.0003045
A2, Fung Yuen Road	RD_002	0700-0800	0.0929005	9.35E-07	0.0040959	0.4991568	5.024E-06	0.0220074	0.5920573	5.959E-06	0.0261033	0.0124246	1.251E-07	0.0005478	0.0135289	1.362E-07	0.0005965
A2, Fung Yuen Road	RD_002	0800-0900	0.0999184	1.143E-06	0.005008	0.5213917	5.966E-06	0.0261325	0.6213101	7.109E-06	0.0311405	0.0125481	1.436E-07	0.0006289	0.0136611	1.563E-07	0.0006847
A2, Fung Yuen Road	RD_002	0900-1000	0.1202818	1.115E-06	0.0048842	0.585213	5.425E-06	0.0237633	0.7054948	6.54E-06	0.0286475	0.0137773	1.277E-07	0.0005594	0.0149815	1.389E-07	0.0006083
A2, Fung Yuen Road	RD_002	1000-1100	0.1524244	1.091E-06	0.004778	0.684287	4.897E-06	0.0214501	0.8367114	5.987E-06	0.0262281	0.016578	1.186E-07	0.0005197	0.0180348	1.291E-07	0.0005653
A2, Fung Yuen Road	RD_002	1100-1200	0.144412	1.047E-06	0.0045882	0.651248	4.723E-06	0.0206911	0.79566	5.771E-06	0.0252792	0.0161199	1.169E-07	0.0005122	0.0175299	1.271E-07	0.0005569
A2, Fung Yuen Road	RD_002	1200-1300	0.1181085	1.072E-06	0.0046956	0.557356	5.058E-06	0.0221587	0.6754645	6.13E-06	0.0268543	0.0140594	1.276E-07	0.000559	0.0153104	1.39E-07	0.0006087
A2, Fung Yuen Road	RD_002	1300-1400	0.1152719	1.147E-06	0.0050235	0.5528055	5.5E-06	0.024091	0.6680774	6.646E-06	0.0291145	0.0137234	1.365E-07	0.0005981	0.0149529	1.488E-07	0.0006516
A2, Fung Yuen Road	RD_002	1400-1500	0.1391534	1.255E-06	0.0054968	0.6205823	5.596E-06	0.0245142	0.7597356	6.851E-06	0.030011	0.0153877	1.388E-07	0.0006078	0.0167305	1.509E-07	0.0006609
A2, Fung Yuen Road	RD_002	1500-1600	0.1341241	1.134E-06	0.0049677	0.6104883	5.162E-06	0.0226115	0.7446124	6.296E-06	0.0275792	0.0150404	1.272E-07	0.0005571	0.0163598	1.383E-07	0.0006059
A2, Fung Yuen Road	RD_002	1600-1700	0.1264974	1.241E-06	0.0054375	0.5897244	5.787E-06	0.0253492	0.7162219	7.028E-06	0.0307867	0.0146766	1.44E-07	0.0006309	0.0159727	1.567E-07	0.0006866
A2, Fung Yuen Road	RD_002	1700-1800	0.0969621	1.049E-06	0.0045962	0.485483	5.253E-06	0.023013	0.5824451	6.303E-06	0.0276092	0.0124919	1.352E-07	0.0005921	0.0136259	1.474E-07	0.0006459
A2, Fung Yuen Road	RD_002	1800-1900	0.0654545	7.108E-07	0.0031138	0.3851723	4.183E-06	0.0183235	0.4506268	4.894E-06	0.0214373	0.0100173	1.088E-07	0.0004765	0.0109267	1.187E-07	0.0005198
A2, Fung Yuen Road	RD_002	1900-2000	0.0538418	4.479E-07	0.0019622	0.3831293	3.187E-06	0.0139626	0.4369711	3.635E-06	0.0159248	0.0097788	8.135E-08	0.0003564	0.010676	8.882E-08	0.0003891
A2, Fung Yuen Road	RD_002	2000-2100	0.053112	3.368E-07	0.0014754	0.3660695	2.321E-06	0.010169	0.4191815	2.658E-06	0.0116443	0.009586	6.079E-08	0.0002663	0.0104713	6.64E-08	0.0002909
A2, Fung Yuen Road	RD_002	2100-2200	0.0512922	2.835E-07	0.0012418	0.3645098	2.015E-06	0.0088251	0.415802	2.298E-06	0.0100669	0.0092372	5.105E-08	0.0002236	0.0100881	5.576E-08	0.0002442
A2, Fung Yuen Road	RD_002	2200-2300	0.0429516	2.091E-07	0.0009158	0.3447154	1.678E-06	0.0073502	0.387667	1.887E-06	0.008266	0.0078815	3.836E-08	0.0001681	0.008597	4.185E-08	0.0001833
A2, Fung Yuen Road	RD_002	2300-0000	0.0401562	1.262E-07	0.0005526	0.3615245	1.136E-06	0.0049753	0.4016807	1.262E-06	0.0055279	0.0081133	2.549E-08	0.0001117	0.0088197	2.771E-08	0.0001214
A3, Fung Yuen Road	RD_003	0000-0100	0.0239205	2.658E-09	7.319E-06	0.2723284	3.026E-08	8.333E-05	0.2962488	3.292E-08	9.065E-05	0.0058081	6.453E-10	1.777E-06	0.0063963	7.107E-10	1.957E-06
A3, Fung Yuen Road	RD_003	0100-0200	0.0302477	3.361E-09	9.255E-06	0.3377977	3.753E-08	0.0001034	0.3680454	4.089E-08	0.0001126	0.0061155	6.795E-10	1.871E-06	0.0066797	7.422E-10	2.044E-06
A3, Fung Yuen Road	RD_003	0200-0300	0.0282076	3.134E-09	8.631E-06	0.2659603	2.955E-08	8.138E-05	0.2941679	3.269E-08	9.001E-05	0.0030173	3.353E-10	9.233E-07	0.0033048	3.672E-10	1.011E-06
A3, Fung Yuen Road	RD_003	0300-0400	0.0502861	5.587E-09	1.539E-05	0.4491264	4.99E-08	0.0001374	0.4994125	5.549E-08	0.0001528	0.0083431	9.27E-10	2.553E-06	0.0091154	1.013E-09	2.789E-06
A3, Fung Yuen Road	RD_003	0400-0500	0.0384799	4.276E-09	1.177E-05	0.3718958	4.132E-08	0.0001138	0.4103757	4.56E-08	0.0001256	0.0055959	6.218E-10	1.712E-06	0.0061048	6.783E-10	1.868E-06
A3, Fung Yuen Road	RD_003	0500-0600	0.0729785	8.109E-09	2.233E-05	0.5911653	6.569E-08	0.0001809	0.6641438	7.379E-08	0.0002032	0.0122456	1.361E-09	3.747E-06	0.013334	1.482E-09	4.08E-06
A3, Fung Yuen Road	RD_003	0600-0700	0.0786656	1.748E-08	4.814E-05	0.4296229	9.547E-08	0.0002629	0.5082885	1.13E-07	0.0003111	0.0094009	2.089E-09	5.753E-06	0.0102274	2.273E-09	6.259E-06
A3, Fung Yuen Road	RD_003	0700-0800	0.064689	2.875E-08	7.918E-05	0.3256201	1.447E-07	0.0003985	0.3903092	1.735E-07	0.0004777	0.0075862	3.372E-09	9.285E-06	0.0082893	3.684E-09	1.015E-05
A3, Fung Yuen Road	RD_003	0800-0900	0.0678737	3.771E-08	0.0001038	0.3309326	1.839E-07	0.0005063	0.3988063	2.216E-07	0.0006102	0.0074467	4.137E-09	1.139E-05	0.0081262	4.515E-09	1.243E-05
A3, Fung Yuen Road	RD_003	0900-1000	0.0615659	2.736E-08	7.535E-05	0.3191986	1.419E-07	0.0003907	0.3807645	1.692E-07	0.000466	0.0070846	3.149E-09	8.671E-06	0.007733	3.437E-09	9.465E-06
A3, Fung Yuen Road	RD_003	1000-1100	0.0739773	2.466E-08	6.791E-05	0.353838	1.179E-07	0.0003248	0.4278153	1.426E-07	0.0003927	0.0083137	2.771E-09	7.632E-06	0.0090766	3.026E-09	8.332E-06
A3, Fung Yuen Road	RD_003	1100-1200	0.0795588	2.652E-08	7.303E-05	0.5902741	1.968E-07	0.0005419	0.6698329	2.233E-07	0.0006149	0.0137472	4.582E-09	1.262E-05	0.0149776	4.993E-09	1.375E-05
A3, Fung Yuen Road	RD_003	1200-1300	0.0605981	2.693E-08	7.417E-05	0.3241722	1.441E-07	0.0003968	0.3847703	1.71E-07	0.0004709	0.0073538	3.268E-09	9.001E-06	0.0080409	3.574E-09	9.842E-06
A3, Fung Yuen Road	RD_003	1300-1400	0.0417125	1.854E-08	5.105E-05	0.2551509	1.134E-07	0.0003123	0.2968634	1.319E-07	0.0003633	0.0055316	2.458E-09	6.77E-06	0.0060664	2.696E-09	7.425E-06
A3, Fung Yuen Road	RD_003	1400-1500	0.0544655	2.421E-08	6.666E-05	0.2906938	1.292E-07	0.0003558	0.3451594	1.534E-07	0.0004225	0.0065331	2.904E-09	7.996E-06	0.0071445	3.175E-09	8.745E-06
A3, Fung Yuen Road	RD_003	1500-1600	0.0517554	2.3E-08	6.335E-05	0.2827105	1.256E-07	0.000346	0.3344659	1.487E-07	0.0004094	0.0062641	2.784E-09	7.667E-06	0.0068589	3.048E-09	8.395E-06
A3, Fung Yuen Road	RD_003	1600-1700	0.0493763	2.195E-08	6.043E-05	0.2574811	1.144E-07	0.0003151	0.3068574	1.364E-07	0.0003756	0.0059231	2.632E-09	7.25E-06	0.0064849	2.882E-09	7.937E-06
A3, Fung Yuen Road	RD_003	1700-1800	0.0392641	2.181E-08	6.007E-05	0.2354736	1.308E-07	0.0003603	0.2747377	1.526E-07	0.0004203	0.0055317	3.073E-09	8.463E-06	0.0060652	3.37E-09	9.28E-06
A3, Fung Yuen Road	RD_003	1800-1900	0.0308984	1.717E-08	4.727E-05	0.2019209	1.122E-07	0.0003089	0.2328192	1.293E-07	0.0003562	0.0044339	2.463E-09	6.784E-06	0.0048401	2.689E-09	7.405E-06
A3, Fung Yuen Road	RD_003	1900-2000	0.0274358	1.219E-08	3.358E-05	0.1963421	8.726E-08	0.0002403	0.2237779	9.946E-08	0.0002739	0.004598	2.044E-09	5.628E-06	0.0050629	2.25E-09	6.197E-06
A3, Fung Yuen Road	RD_003	2000-2100	0.0329569	1.099E-08	3.025E-05	0.2406266	8.021E-08	0.0002209	0.2735835	9.119E-08	0.0002511	0.0050041	1.668E-09	4.594E-06	0.0054897	1.83E-09	5.039E-06
A3, Fung Yuen Road	RD_003	2100-2200	0.032399	1.8E-08	4.957E-05	0.2283241	1.268E-07	0.0003493	0.2607231	1.448E-07	0.0003989	0.0051035	2.835E-09	7.808E-06	0.0056565	3.104E-09	8.547E-06
A3, Fung Yuen Road	RD_003	2200-2300	0.0305311	6.785E-09	1.868E-05	0.2379168	5.287E-08	0.0001456	0.2684479	5.966E-08	0.0001643	0.0045308	1.007E-09	2.773E-06	0.0049277	1.095E-09	3.016E-06
A3, Fung Yuen Road	RD_003	2300-0000	0.0256075	2.845E-09	7.836E-06	0.2407224	2.675E-08	7.366E-05	0.26633	2.959E-08	8.149E-05	0.0042363	4.707E-10	1.296E-06	0.0046421	5.158E-10	1.42E-06
B1, Ting Kok Road	RD_004	0000-0100	0.0208296	1.744E-07	0.0013472	0.199511	1.671E-06	0.0129034	0.2203406	1.845E-06	0.0142506	0.0043229	3.62E-08	0.0002796	0.0047171	3.95E-08	0.0003051
B1, Ting Kok Road	RD_004	0100-0200	0.0352075	1.091E-07	0.0008429	0.3004585	9.314E-07	0.0071937	0.335666	1.041E-06	0.0080366	0.0055736	1.728E-08	0.0001334	0.0060677	1.881E-08	0.0001453
B1, Ting Kok Road	RD_004	0200-0300	0.0259461	3.969E-08	0.0003066	0.193626	2.962E-07	0.0022878	0.219572	3.359E-07	0.0025944	0.0030483	4.663E-09	3.602E-05	0.0033244	5.086E-09	3.928E-05
B1, Ting Kok Road	RD_004	0300-0400	0.0610776	9.344E-08	0.0007217	0.3041834	4.653E-07	0.0035941	0.3652611	5.588E-07	0.0043158	0.0060793	9.3E-09	7.183E-05	0.0066411	1.016E-08	7.847E-05
B1, Ting Kok Road	RD_004	0400-0500	0.0951876	1.111E-07	0.0008583	0.4221672	4.929E-07	0.0038068	0.5173548	6.04E-07	0.0046651	0.0079711	9.306E-09	7.188E-05	0.0086574	1.011E-08	7.807E-05
B1, Ting Kok Road	RD_004	0500-0600	0.088364	2.579E-07	0.001992	0.6893647	2.012E-06	0.0155404	0.7777287	2.27E-06	0.0175324	0.0145311	4.241E-08	0.0003276	0.0158347	4.622E-08	0.000357
B1, Ting Kok Road	RD_004	0600-0700	0.0889532	7.61E-07	0.0058775	0.6502364	5.563E-06	0.042964	0.7391896	6.324E-06	0.0488416	0.0141403	1.21E-07	0.0009343	0.0154053	1.318E-07	0.0010179
B1, Ting Kok Road	RD_004	0700-0800	0.0858081	1.592E-06	0.0123	0.4572748	8.486E-06	0.0655471	0.5430829	1.008E-05	0.077847	0.0106522	1.977E-07	0.0015269	0.0116115	2.155E-07	0.0016644
B1, Ting Kok Road	RD_004	0800-0900	0.07594	2.446E-06	0.0188902	0.4057601	1.307E-05	0.1009333	0.4817001	1.551E-05	0.1198234	0.0093715	3.018E-07	0.0023312	0.010203	3.286E-07	0.002538
B1, Ting Kok Road	RD_004	0900-1000	0.0939312	2.363E-06	0.0182543	0.4617504	1.162E-05	0.0897351	0.5556816	1.398E-05	0.1079894	0.0106902	2.69E-07	0.0020775	0.0116361	2.928E-07	0.0022613
B1, Ting Kok Road	RD_004	1000-1100	0.1172036	2.123E-06	0.0163994	0.5333244	9.662E-06	0.0746241	0.650528	1.178E-05	0.0910235	0.0128363	2.325E-07	0.0017961	0.013973	2.531E-07	0.0019551
B1, Ting Kok Road	RD_004	1100-1200	0.104294	1.887E-06	0.0145769	0.4895252	8.858E-06	0.0684195	0.5938192	1.075E-05	0.0829963	0.0117849	2.133E-07	0.0016471	0.0128185	2.32E-07	0.0017916
B1, Ting Kok Road	RD_004	1200-1300	0.087658	1.969E-06	0.015209	0.4117298	9.249E-06	0.0714367	0.4993878	1.122E-05	0.0866457	0.0104809	2.354E-07	0.0018185	0.011465	2.575E-07	0.0019892
B1, Ting Kok Road	RD_004	1300-1400	0.0824126	2.359E-06	0.0182196	0.3911264	1.12E-05	0.0864693	0.473539	1.355E-05	0.1046888	0.0096773	2.77E-07	0.0021394	0.0105517	3.02E-07	0.0023327
B1, Ting Kok Road	RD_004	1400-1500	0.0927473	2.229E-06	0.0172167	0.4317806	1.038E-05	0.0801516	0.5245279	1.261E-05	0.0973684	0.0105522	2.536E-07	0.0019588	0.0115085	2.766E-07	0.0021363
B1, Ting Kok Road	RD_004	1500-1600	0.097301	2.154E-06	0.0166401	0.4412465	9.77E-06	0.0754604	0.5385475	1.192E-05	0.0921004	0.0107935	2.39E-07	0.0018459	0.0117728	2.607E-07	0.0020133
B1, Ting Kok Road	RD_004	1600-1700	0.083627	2.109E-06	0.0162908	0.3933445	9.921E-06	0.0766248	0.4769715	1.203E-05	0.0929156	0.0096667	2.438E-07	0.0018831	0.0105274	2.655E-07	0.0020508
B1, Ting Kok Road	RD_004	1700-1800	0.0615627	1.74E-06	0.0134379	0.3213449	9.081E-06	0.0701429	0.3829076	1.082E-05	0.0835807	0.0081901	2.315E-07	0.0017877	0.0089367	2.526E-07	0.0019507
B1, Ting Kok Road	RD_004	1800-1900	0.0439439	1.424E-06	0.0109994	0.2604611	8.441E-06	0.0651949	0.304405	9.865E-06	0.0761943	0.0068062	2.206E-07	0.0017036	0.0074319	2.408E-07	0.0018602
B1, Ting Kok Road	RD_004	1900-2000	0.0303951	8.553E-07	0.0066063	0.2078218	5.848E-06	0.0451693	0.2382169	6.703E-06	0.0517756	0.0055222	1.554E-07	0.0012002	0.0060339	1.698E-07	0.0013114
B1, Ting Kok Road	RD_004	2000-2100	0.0329102	7.088E-07	0.0054747	0.2124366	4.575E-06	0.0353393	0.2453468	5.284E-06	0.040814	0.0056075	1.208E-07	0.0009328	0.0061571	1.326E-07	0.0010243
B1, Ting Kok Road	RD_004	2100-2200	0.0289554	5.409E-07	0.0041776	0.2161167	4.037E-06	0.0311804	0.2450721	4.578E-06	0.0353579	0.0056675	1.059E-07	0.0008177	0.0062125	1.16E-07	0.0008963
B1, Ting Kok Road	RD_004	2200-2300	0.020768	3.332E-07	0.0025733	0.2036774	3.268E-06	0.0252375	0.2244455	3.601E-06	0.0278108	0.0048092	7.715E-08	0.0005959	0.0052513	8.424E-08	0.0006507

B1, Ting Kok Road	RD_004	2300-0000	0.0233028	2.261E-07	0.0017462	0.2096248	2.034E-06	0.0157085	0.2329275	2.26E-06	0.0174547	0.0048016	4.659E-08	0.0003598	0.0052383	5.082E-08	0.0003925
B2, Ting Kok Road	RD_005	0000-0100	0.0290108	1.443E-07	0.0011519	0.265798	1.323E-06	0.0105536	0.2948088	1.467E-06	0.0117055	0.0055753	2.774E-08	0.0002214	0.006069	3.02E-08	0.000241
B2, Ting Kok Road	RD_005	0100-0200	0.035551	1.004E-07	0.0008013	0.2269346	6.41E-07	0.005115	0.2624857	7.414E-07	0.0059163	0.0040207	1.136E-08	9.063E-05	0.0043836	1.238E-08	9.88E-05
B2, Ting Kok Road	RD_005	0200-0300	0.0592944	6.655E-08	0.000531	0.3172957	3.561E-07	0.0028417	0.3765902	4.227E-07	0.0033728	0.0057734	6.48E-09	5.171E-05	0.0063023	7.073E-09	5.644E-05
B2, Ting Kok Road	RD_005	0300-0400	0.0791847	9.924E-08	0.0007919	0.5369456	6.729E-07	0.00537	0.6161303	7.722E-07	0.0061619	0.0119479	1.497E-08	0.0001195	0.0132154	1.656E-08	0.0001322
B2, Ting Kok Road	RD_005	0400-0500	0.0992598	1.095E-07	0.0008742	0.5882552	6.492E-07	0.0051807	0.687515	7.588E-07	0.0060548	0.0105782	1.167E-08	9.316E-05	0.0114934	1.268E-08	0.0001012
B2, Ting Kok Road	RD_005	0500-0600	0.0722299	2.459E-07	0.0019623	0.4988373	1.698E-06	0.0135518	0.5710672	1.944E-06	0.015514	0.010494	3.573E-08	0.0002851	0.0114272	3.89E-08	0.0003104
B2, Ting Kok Road	RD_005	0600-0700	0.0471982	8.096E-07	0.0064604	0.3148133	5.4E-06	0.0430912	0.3620115	6.209E-06	0.0495517	0.0074771	1.283E-07	0.0010235	0.0081444	1.397E-07	0.0011148
B2, Ting Kok Road	RD_005	0700-0800	0.0437067	1.844E-06	0.0147116	0.2726304	1.15E-05	0.0917672	0.3163371	1.334E-05	0.1064788	0.0068863	2.905E-07	0.0023179	0.0075154	3.17E-07	0.0025297
B2, Ting Kok Road	RD_005	0800-0900	0.0602295	2.005E-06	0.0160028	0.3400077	1.132E-05	0.090339	0.4002372	1.333E-05	0.1063418	0.0081068	2.699E-07	0.0021539	0.0088362	2.942E-07	0.0023477
B2, Ting Kok Road	RD_005	0900-1000	0.0687046	1.946E-06	0.0155267	0.3608389	1.022E-05	0.0815466	0.4295435	1.216E-05	0.0970733	0.0085407	2.419E-07	0.0019301	0.009304	2.635E-07	0.0021026
B2, Ting Kok Road	RD_005	1000-1100	0.0868104	2.044E-06	0.0163141	0.4155609	9.786E-06	0.0780957	0.5023714	1.183E-05	0.0944098	0.0102122	2.405E-07	0.0019192	0.0111279	2.621E-07	0.0020912
B2, Ting Kok Road	RD_005	1100-1200	0.0898336	2.169E-06	0.0173114	0.420364	1.015E-05	0.0810062	0.5101977	1.232E-05	0.0983176	0.0106163	2.564E-07	0.0020458	0.0115652	2.793E-07	0.0022287
B2, Ting Kok Road	RD_005	1200-1300	0.0717481	1.824E-06	0.0145545	0.3695412	9.394E-06	0.0749633	0.4412893	1.122E-05	0.0895178	0.0092055	2.34E-07	0.0018674	0.0100207	2.547E-07	0.0020328
B2, Ting Kok Road	RD_005	1300-1400	0.0703542	1.723E-06	0.0137466	0.3772959	9.238E-06	0.0737205	0.4476502	1.096E-05	0.0874672	0.0092101	2.255E-07	0.0017996	0.0100486	2.46E-07	0.0019634
B2, Ting Kok Road	RD_005	1400-1500	0.0947842	2.248E-06	0.01794	0.4454627	1.057E-05	0.0843135	0.5402469	1.281E-05	0.1022535	0.0108564	2.575E-07	0.0020548	0.0118077	2.801E-07	0.0022349
B2, Ting Kok Road	RD_005	1500-1600	0.0833644	1.885E-06	0.0150444	0.4189075	9.473E-06	0.0755981	0.5022719	1.136E-05	0.0906425	0.0101232	2.289E-07	0.0018269	0.0110382	2.496E-07	0.001992
B2, Ting Kok Road	RD_005	1600-1700	0.0871962	2.314E-06	0.0184691	0.4320066	1.147E-05	0.0915038	0.5192028	1.378E-05	0.109973	0.0108625	2.883E-07	0.0023008	0.011843	3.143E-07	0.0025085
B2, Ting Kok Road	RD_005	1700-1800	0.0677874	1.965E-06	0.0156836	0.3515334	1.019E-05	0.0813326	0.4193208	1.216E-05	0.0970163	0.0091192	2.644E-07	0.0021099	0.009976	2.892E-07	0.0023081
B2, Ting Kok Road	RD_005	1800-1900	0.0439057	1.125E-06	0.0089786	0.27511	7.05E-06	0.0562592	0.3190157	8.175E-06	0.0652378	0.0071291	1.827E-07	0.0014579	0.0077842	1.995E-07	0.0015919
B2, Ting Kok Road	RD_005	1900-2000	0.0440958	7.415E-07	0.0059173	0.3467697	5.831E-06	0.0465337	0.3908655	6.573E-06	0.052451	0.0084864	1.427E-07	0.0011388	0.0092907	1.562E-07	0.0012467
B2, Ting Kok Road	RD_005	2000-2100	0.0411071	5.213E-07	0.0041602	0.3248333	4.12E-06	0.0328743	0.3659404	4.641E-06	0.0370345	0.0081027	1.028E-07	0.00082	0.0088735	1.125E-07	0.000898
B2, Ting Kok Road	RD_005	2100-2200	0.0437484	4.91E-07	0.0039181	0.3229386	3.624E-06	0.0289226	0.3666871	4.115E-06	0.0328408	0.007742	8.689E-08	0.0006934	0.0084471	9.48E-08	0.0007565
B2, Ting Kok Road	RD_005	2200-2300	0.0398943	4.06E-07	0.0032395	0.3004693	3.057E-06	0.0243986	0.3403636	3.463E-06	0.0276381	0.0065503	6.665E-08	0.0005319	0.0071538	7.279E-08	0.0005809
B2, Ting Kok Road	RD_005	2300-0000	0.037265	2.663E-07	0.0021249	0.3517695	2.514E-06	0.020058	0.3890346	2.78E-06	0.0221829	0.0075793	5.416E-08	0.0004322	0.0082493	5.894E-08	0.0004704
C1, Ting Kok Road	RD_006	0000-0100	0.0208182	1.641E-07	0.0004436	0.1993145	1.572E-06	0.0042471	0.2201327	1.736E-06	0.0046907	0.0043229	3.408E-08	9.212E-05	0.0047171	3.719E-08	0.0001005
C1, Ting Kok Road	RD_006	0100-0200	0.0351364	1.029E-07	0.000278	0.2986049	8.741E-07	0.0023624	0.3337413	9.77E-07	0.0026403	0.0055736	1.632E-08	4.409E-05	0.0060677	1.776E-08	4.8E-05
C1, Ting Kok Road	RD_006	0200-0300	0.0259461	3.77E-08	0.0001019	0.193626	2.813E-07	0.0007603	0.219572	3.19E-07	0.0008622	0.0030483	4.429E-09	1.197E-05	0.0033244	4.83E-09	1.305E-05
C1, Ting Kok Road	RD_006	0300-0400	0.0610776	8.875E-08	0.0002398	0.3041834	4.42E-07	0.0011945	0.3652611	5.307E-07	0.0014343	0.0060793	8.833E-09	2.387E-05	0.0066411	9.649E-09	2.608E-05
C1, Ting Kok Road	RD_006	0400-0500	0.0951499	1.037E-07	0.0002802	0.4219007	4.598E-07	0.0012425	0.5170506	5.635E-07	0.0015228	0.0079711	8.686E-09	2.348E-05	0.0086574	9.434E-09	2.55E-05
C1, Ting Kok Road	RD_006	0500-0600	0.0883239	2.453E-07	0.0006631	0.6889537	1.914E-06	0.005172	0.7772775	2.159E-06	0.0058351	0.0145311	4.036E-08	0.0001091	0.0158347	4.399E-08	0.0001189
C1, Ting Kok Road	RD_006	0600-0700	0.0888988	7.161E-07	0.0019354	0.649891	5.235E-06	0.0141485	0.7387898	5.951E-06	0.0160838	0.0141403	1.139E-07	0.0003078	0.0154053	1.241E-07	0.0003354
C1, Ting Kok Road	RD_006	0700-0800	0.0858742	1.501E-06	0.0040564	0.4585446	8.015E-06	0.0216602	0.5444188	9.516E-06	0.0257166	0.0106522	1.862E-07	0.0005032	0.0116115	2.03E-07	0.0005485
C1, Ting Kok Road	RD_006	0800-0900	0.0754841	2.29E-06	0.0061897	0.4041618	1.226E-05	0.0331414	0.4796459	1.455E-05	0.0393312	0.0093297	2.831E-07	0.000765	0.0101582	3.082E-07	0.000833
C1, Ting Kok Road	RD_006	0900-1000	0.093574	2.219E-06	0.005998	0.4604029	1.092E-05	0.0295113	0.553977	1.314E-05	0.0355093	0.0106537	2.527E-07	0.0006829	0.0116121	2.754E-07	0.0007443
C1, Ting Kok Road	RD_006	1000-1100	0.1171304	2E-06	0.0054044	0.5329733	9.099E-06	0.0245912	0.6501037	1.11E-05	0.0299956	0.0128363	2.191E-07	0.0005923	0.013973	2.386E-07	0.0006447
C1, Ting Kok Road	RD_006	1100-1200	0.1041362	1.773E-06	0.0047928	0.4879679	8.31E-06	0.0224583	0.5921041	1.008E-05	0.0272511	0.0117849	2.007E-07	0.0005424	0.0128185	2.183E-07	0.00059
C1, Ting Kok Road	RD_006	1200-1300	0.0876203	1.779E-06	0.0048068	0.4113655	8.35E-06	0.0225673	0.4989858	1.013E-05	0.0273741	0.0104735	2.126E-07	0.0005746	0.0114371	2.322E-07	0.0006274
C1, Ting Kok Road	RD_006	1300-1400	0.082134	2.122E-06	0.0057343	0.3902001	1.008E-05	0.0272421	0.4723341	1.22E-05	0.0329764	0.0096397	2.49E-07	0.000673	0.0105304	2.72E-07	0.0007352
C1, Ting Kok Road	RD_006	1400-1500	0.0927473	2.012E-06	0.0054362	0.4317806	9.364E-06	0.0253079	0.5245279	1.138E-05	0.0307441	0.0105522	2.289E-07	0.0006185	0.0115085	2.496E-07	0.0006745
C1, Ting Kok Road	RD_006	1500-1600	0.0972081	1.944E-06	0.0052542	0.440591	8.812E-06	0.0238144	0.5377991	1.076E-05	0.0290686	0.0107871	2.157E-07	0.0005831	0.0117464	2.349E-07	0.0006349
C1, Ting Kok Road	RD_006	1600-1700	0.0832951	1.899E-06	0.0051323	0.3921824	8.941E-06	0.0241646	0.4754775	1.084E-05	0.0292969	0.009629	2.195E-07	0.0005933	0.0105045	2.395E-07	0.0006472
C1, Ting Kok Road	RD_006	1700-1800	0.0613277	1.566E-06	0.0042321	0.3204435	8.182E-06	0.022113	0.3817712	9.748E-06	0.026345	0.0081541	2.082E-07	0.0005627	0.0089196	2.278E-07	0.0006155
C1, Ting Kok Road	RD_006	1800-1900	0.0436396	1.277E-06	0.0034525	0.2593017	7.591E-06	0.0205142	0.3029413	8.868E-06	0.0239666	0.0067801	1.985E-07	0.0005364	0.0074021	2.167E-07	0.0005856
C1, Ting Kok Road	RD_006	1900-2000	0.0302855	7.701E-07	0.0020812	0.2073923	5.273E-06	0.0142517	0.2376778	6.044E-06	0.0163329	0.0054875	1.395E-07	0.0003771	0.0060239	1.532E-07	0.000414
C1, Ting Kok Road	RD_006	2000-2100	0.0328637	6.39E-07	0.001727	0.2119953	4.122E-06	0.0111403	0.244859	4.761E-06	0.0128672	0.0056004	1.089E-07	0.0002943	0.0061262	1.191E-07	0.0003219
C1, Ting Kok Road	RD_006	2100-2200	0.0289554	4.882E-07	0.0013193	0.2161167	3.644E-06	0.0098468	0.2450721	4.132E-06	0.011166	0.0056675	9.555E-08	0.0002582	0.0062125	1.047E-07	0.0002831
C1, Ting Kok Road	RD_006	2200-2300	0.0207132	3.001E-07	0.000811	0.2035067	2.948E-06	0.0079678	0.2242198	3.248E-06	0.0087787	0.0048075	6.965E-08	0.0001882	0.0052466	7.601E-08	0.0002054
C1, Ting Kok Road	RD_006	2300-0000	0.0232904	2.04E-07	0.0005514	0.209431	1.835E-06	0.0049585	0.2327214	2.039E-06	0.00551	0.0048016	4.207E-08	0.0001137	0.0052383	4.589E-08	0.000124
C2, Ting Kok Road	RD_007	0000-0100	0.0289978	1.4E-07	0.0003813	0.2655969	1.283E-06	0.0034924	0.2945946	1.423E-06	0.0038737	0.0055753	2.692E-08	7.331E-05	0.006069	2.931E-08	7.98E-05
C2, Ting Kok Road	RD_007	0100-0200	0.0354795	9.704E-08	0.0002642	0.2251267	6.157E-07	0.0016766	0.2606062	7.128E-07	0.0019408	0.0040207	1.1E-08	2.994E-05	0.0043836	1.199E-08	3.265E-05
C2, Ting Kok Road	RD_007	0200-0300	0.0592944	6.588E-08	0.0001794	0.3172957	3.526E-07	0.00096	0.3765902	4.184E-07	0.0011394	0.0057734	6.415E-09	1.747E-05	0.0063023	7.003E-09	1.907E-05
C2, Ting Kok Road	RD_007	0300-0400	0.0791847	9.644E-08	0.0002626	0.5369456	6.54E-07	0.0017807	0.6161303	7.504E-07	0.0020434	0.0119479	1.455E-08	3.962E-05	0.0132154	1.61E-08	4.383E-05
C2, Ting Kok Road	RD_007	0400-0500	0.0992213	1.039E-07	0.0002829	0.5879092	6.155E-07	0.0016761	0.6871305	7.194E-07	0.001959	0.0105782	1.108E-08	3.016E-05	0.0114934	1.203E-08	3.277E-05
C2, Ting Kok Road	RD_007	0500-0600	0.0722008	2.376E-07	0.0006469	0.498529	1.64E-06	0.0044669	0.5707297	1.878E-06	0.0051138	0.010494	3.453E-08	9.403E-05	0.0114272	3.76E-08	0.0001024
C2, Ting Kok Road	RD_007	0600-0700	0.0471446	7.837E-07	0.0021341	0.3143203	5.225E-06	0.0142281	0.3614649	6.009E-06	0.0163622	0.0074734	1.242E-07	0.0003383	0.0081376	1.353E-07	0.0003684
C2, Ting Kok Road	RD_007	0700-0800	0.041316	1.69E-06	0.004601	0.2615718	1.07E-05	0.0291292	0.3028878	1.239E-05	0.0337302	0.0066574	2.723E-07	0.0007414	0.0072449	2.963E-07	0.0008068
C2, Ting Kok Road	RD_007	0800-0900	0.0592136	1.911E-06	0.0052023	0.335951	1.084E-05	0.0295154	0.3951646	1.275E-05	0.0347177	0.0080067	2.583E-07	0.0007034	0.0087366	2.819E-07	0.0007676
C2, Ting Kok Road	RD_007	0900-1000	0.0684305	1.877E-06	0.0051122	0.3597114	9.869E-06	0.0268729	0.4281419	1.175E-05	0.0319851	0.0085294	2.34E-07	0.0006372	0.0092828	2.547E-07	0.0006935
C2, Ting Kok Road	RD_007	1000-1100	0.086434	1.972E-06	0.005371	0.4142419	9.453E-06	0.0257407	0.5006758	1.143E-05	0.0311117	0.0101729	2.322E-07	0.0006321	0.0111051	2.534E-07	0.0006901
C2, Ting Kok Road	RD_007	1100-1200	0.0893626	2.093E-06	0.0056985	0.4180472	9.79E-06	0.0266582	0.5074098	1.188E-05	0.0323568	0.0105753	2.477E-07	0.0006744	0.0115416	2.703E-07	0.000736
C2, Ting Kok Road	RD_007	1200-1300	0.0714976	1.758E-06	0.0047881	0.3686508	9.067E-06	0.024688	0.4401484	1.083E-05	0.0294761	0.009166	2.254E-07	0.0006138	0.0100015	2.46E-07	0.0006698
C2, Ting Kok Road	RD_007	1300-1400	0.0701343	1.662E-06	0.0045254	0.3765286	8.922E-06	0.0242955	0.4466629	1.058E-05	0.0288209	0.0091754	2.174E-07	0.000592	0.0100285	2.376E-07	0.0006471
C2, Ting Kok Road	RD_007	1400-1500	0.0944636	2.168E-06	0.0059029	0.4444927	1.02E-05	0.0277757	0.5389563	1.237E-05	0.0336786	0.0108173	2.482E-07	0.000676	0.0117828	2.704E-07	0.0007363
C2, Ting Kok Road	RD_007	1500-1600	0.0833195	1.823E-06	0.0049641	0.4185678	9.158E-06	0.024938	0.5018873	1.098E-05	0.0299021	0.0101232	2.215E-07	0.0006031	0.0110382	2.415E-07	0.0006577
C2, Ting Kok Road	RD_007	1600-1700	0.0868302	2.23E-06	0.0060725	0.430618	1.106E-05	0.0301157	0.5174482	1.329E-05	0.0361882	0.0108216	2.779E-07	0.0007568	0.0118207	3.036E-07	0.0008267
C2, Ting Kok Road	RD_007	1700-1800	0.0675066	1.891E-06	0.0051493	0.350454	9.817E-06	0.0267319	0.4179606	1.171E-05	0.0318811	0.0091082	2.551E-07	0.0006948	0.0099534	2.788E-07	0.0007592
C2, Ting Kok Road	RD_007	1800-1900	0.0437697	1.085E-06	0.0029541	0.2745358	6.805E-06	0.018529	0.3183055	7.89E-06	0.0214831	0.0070934	1.758E-07	0.0004788	0.0077712	1.926E-07	0.0005245
C2, Ting Kok Road	RD_007	1900-2000	0.0440724	7.166E-07	0.0019514	0.3464658	5.634E-06	0.0153405	0.3905383	6.35E-06	0.0172919	0.0084827	1.379E-07	0.0003756	0.0092807	1.509E-07	0.0004109
C2, Ting Kok Road	RD_007	2000-2100	0.0410737	5.038E-07	0.0013717	0.3245726	3.981E-06	0.0108398	0.3656463	4.485E-06	0.0122115	0.0081027	9.938E-08	0.0002706	0.0088735	1.088E-07	0.0002963
C2, Ting Kok Road	RD_007	2100-2200	0.0437291	4.747E-07	0.0012925	0.3228084	3.504E-06	0.0095412	0.3665375	3.979E-06	0.0108337	0.0077368	8.398E-08	0.0002287	0.0084477	9.17E-08	0.0002497
C2, Ting Kok Road	RD_007	2200-2300	0.0398943	3.93E-07	0.0010701	0.3004693	2.96E-06	0.0080593	0.3403636	3.353E-06	0.0091293	0.0065503	6.452E-08	0.0001757	0.0071538	7.047E-08	0.0001919
C2, Ting Kok Road	RD_007	2300-0000	0.0372281	2.569E-07	0.0006996	0.3513198	2.425E-06	0.0066024	0.3885479	2.682E-06	0.007302	0.007568	5.223E-08	0.0001422	0.008236	5.684E-08	0.0001548
D1, Ting Kok Road	RD_008	0000-0100	0.0209307	1.306E-07	0.0012803	0.2029493	1.266E-06	0.0124144	0.22388	1.397E-06	0.0136947	0.0043164	2.693E-08	0.000264	0.0047107	2.939E-08	0.0002882
D1, Ting Kok Road	RD_008	0100-0200	0.0352819	8.067E-08	0.0007908	0.3031455	6.931E-07	0.006795	0.3384274	7.738E-07	0.0075858	0.0055728	1.274E-08	0.0001249	0.0060677	1.387E-08	0.000136
D1, Ting Kok Road	RD_008	0200-0300	0.0260693	3.008E-08	0.0002949	0.1973923	2.278E-07	0.0022329	0.2234616	2.578E-07	0.0025279	0.0030483	3.517E-09	3.448E-05	0.0033244	3.836E-09	3.761E-05
D1, Ting Kok Road	RD_008	0300-0400	0.0612787	7.071E-08	0.0006932	0.3091671	3.567E-07	0.0034974	0.3704458	4.274E-07	0.0041906	0.0060793	7.015E-09	6.877E-05	0.0066411	7.663E-09	7.513E-05
D1, Ting Kok Road	RD_008	0400-0500	0.0953099	8.146E-08	0.0007986	0.4257972	3.639E-07	0.0035679	0.5211071	4.454E-07	0.0043666	0.0079711	6.813E-09	6.679E-05	0.0086574	7.4E-09	7.254E-05
D1, Ting Kok Road	RD_008	0500-0600	0.0885243	1.929E-07	0.0018915	0.6953561	1.516E-06	0.0148581	0.7838804	1.708E-06	0.0167496	0.0145302	3.167E-08	0.0003105	0.0158347	3.451E-08	0.0003383
D1, Ting Kok Road	RD_008	0600-0700	0.0890833	5.672E-07	0.0055612	0.6554629	4.174E-06	0.0409185	0.7445462	4.741E-06	0.0464796	0.0141225	8.993E-08	0.0008816	0.0153828	9.795E-08	0.0009603
D1, Ting Kok Road	RD_008	0700-0800	0.0857496	1.182E-06	0.0115864	0.4576803	6.308E-06	0.061841	0.54343	7.49E-06	0.0734274	0.0106495	1.468E-07	0.0014389	0.011605	1.599E-07	0.001568
D1, Ting Kok Road	RD_008	0800-0900	0.0751463	1.798E-06	0.0176311	0.4026449	9.636E-06	0.0944702	0.4777912	1.143E-05	0.1121014	0.0092963	2.225E-07	0.0021811	0.0101387	2.426E-07	0.0023788
D1, Ting Kok Road	RD_008	0900-1000	0.093413	1.747E-06	0.0171226	0.459228	8.586E-06	0.0841766	0.552641	1.033E-05	0.1012992	0.0106467	1.991E-07	0.0019515	0.0115863	2.166E-07	0.0021238
D1, Ting Kok Road	RD_008	1000-1100	0.117074	1.576E-06	0.015451	0.5329911	7.175E-06	0.0703421	0.6500651	8.751E-06	0.0857931	0.0128294	1.727E-07	0.0016932	0.0139621	1.88E-07	0.0018427
D1, Ting Kok Road	RD_008	1100-1200	0.1040252	1.398E-06	0.0137071	0.4876909	6.555E-06	0.0642614	0.5917161	7.953E-06	0.0779684	0.0117783	1.583E-07	0.001552	0.0128087	1.722E-07	0.0016878
D1, Ting Kok Road	RD_008	1200-1300	0.0875353	1.58E-06	0.0154951	0.411337	7.427E-06	0.0728131	0.4988723	9.007E-06	0.0883082	0.0104735	1.891E-07	0.001854	0.0114371	2.065E-07	0.0020245
D1, Ting Kok Road	RD_008	1300-1400	0.0820489	1.886E-06	0.0184944	0.3902201	8.972E-06	0.0879583	0.472269	1.086E-05	0.1064527	0.0096397	2.216E-07	0.0021729	0.0105304	2.421E-07	0.0023736
D1, Ting Kok Road	RD_008	1400-1500	0.0926538	1.79E-06	0.0175463	0.4316132	8.337E-06	0.0817369	0.524267	1.013E-05	0.0992832	0.0105458	2.037E-07	0.0019971	0.0114812	2.218E-07	0.0021743
D1, Ting Kok Road	RD_008	1500-1600	0.0971614	1.731E-06	0.0169752	0.4407926	7.855E-06	0.0770114	0.537954	9.587E-06	0.0939866	0.0107871	1.922E-07	0.0018846	0.0117464	2.093E-07	0.0020522
D1, Ting Kok Road	RD_008	1600-1700	0.0831399	1.688E-06	0.0165458	0.3915762	7.949E-06	0.0779282	0.474716	9.636E-06	0.094474	0.0096222	1.953E-07	0.0019149	0.0104758	2.127E-07	0.0020848
D1, Ting Kok Road	RD_008	1700-1800	0.0614118	1.396E-06	0.0136883	0.3223006	7.328E-06	0.0718386	0.3837125	8.724E-06	0.0855268	0.0081541	1.854E-07	0.0018175	0.0089196	2.028E-07	0.0019881
D1, Ting Kok Road	RD_008	1800-1900	0.0435286	1.135E-06	0.0111247	0.2601394	6.781E-06	0.0664846	0.3036681	7.916E-06	0.0776093	0.0067444	1.758E-07	0.0017237	0.0073898	1.926E-07	0.0018886
D1, Ting Kok Road	RD_008	1900-2000	0.0302794	6.852E-07	0.0067174	0.2081434	4.71E-06	0.0461757	0.2384228	5.395E-06	0.052893	0.0054875	1.242E-07	0.0012174	0.0060239	1.363E-07	0.0013364
D1, Ting Kok Road	RD_008	2000-2100	0.0329448	5.709E-07	0.0055971	0.2141453	3.711E-06	0.0363818	0.2470901	4.282E-06	0.0419789	0.0056004	9.705E-08	0.0009515	0.0061262	1.062E-07	0.0010408
D1, Ting Kok Road	RD_008	2100-2200	0.0290349	4.361E-07	0.0042759	0.2183654	3.28E-06	0.0321584	0.2474003	3.716E-06	0.0364343	0.0056649	8.509E-08	0.0008343	0.0062047	9.32E-08	0.0009138
D1, Ting Kok Road	RD_008	2200-2300	0.0207953	2.679E-07	0.0026269	0.2059536	2.654E-06	0.0260161	0.226749	2.922E-06	0.0286429	0.0048075	6.194E-08	0.0006073	0.0052466	6.76E-08	0.0006628
D1, Ting Kok Road	RD_008	2300-0000	0.0233982	1.825E-07	0.0017891	0.2128435	1.66E-06	0.0162745	0.2362417	1.842E-06	0.0180636	0.0048016	3.745E-08	0.0003671	0.0052383	4.085E-08	0.0004005
D2, Ting Kok Road	RD_009	0000-0100	0.0291206	1.276E-07	0.0012462	0.2694132	1.18E-06	0.0115298	0.2985338	1.308E-06	0.0127761	0.0055753	2.442E-08	0.0002386	0.006069	2.658E-08	0.0002597

D2, Ting Kok Road	RD_009	0100-0200	0.0356258	8.83E-08	0.0008627	0.229776	5.695E-07	0.0055643	0.2654018	6.578E-07	0.006427	0.0040207	9.966E-09	9.737E-05	0.0043836	1.087E-08	0.0001062
D2, Ting Kok Road	RD_009	0200-0300	0.0594368	5.969E-08	0.0005832	0.3211344	3.225E-07	0.0031509	0.3805712	3.822E-07	0.0037341	0.0057734	5.798E-09	5.665E-05	0.0063023	6.329E-09	6.184E-05
D2, Ting Kok Road	RD_009	0300-0400	0.079499	8.833E-08	0.000863	0.5442253	6.047E-07	0.0059079	0.6237243	6.93E-07	0.0067709	0.0119479	1.328E-08	0.0001297	0.0132154	1.468E-08	0.0001435
D2, Ting Kok Road	RD_009	0400-0500	0.0994056	9.558E-08	0.0009338	0.5927658	5.7E-07	0.0055686	0.6921714	6.655E-07	0.0065024	0.0105782	1.017E-08	9.937E-05	0.0114934	1.105E-08	0.000108
D2, Ting Kok Road	RD_009	0500-0600	0.07239	2.166E-07	0.0021157	0.5031918	1.505E-06	0.0147066	0.5755818	1.722E-06	0.0168223	0.010494	3.139E-08	0.0003067	0.0114272	3.418E-08	0.000334
D2, Ting Kok Road	RD_009	0600-0700	0.0472821	7.133E-07	0.0069687	0.3175519	4.79E-06	0.0468025	0.364834	5.504E-06	0.0537712	0.0074734	1.127E-07	0.0011015	0.0081376	1.228E-07	0.0011994
D2, Ting Kok Road	RD_009	0700-0800	0.0404249	1.5E-06	0.0146504	0.2572038	9.541E-06	0.0932131	0.2976287	1.104E-05	0.1078634	0.0065838	2.442E-07	0.002386	0.0071666	2.658E-07	0.0025972
D2, Ting Kok Road	RD_009	0800-0900	0.0589502	1.726E-06	0.0168599	0.3345813	9.794E-06	0.0956912	0.3935315	1.152E-05	0.1125511	0.0079968	2.341E-07	0.0022871	0.0087182	2.552E-07	0.0024934
D2, Ting Kok Road	RD_009	0900-1000	0.0681309	1.696E-06	0.0165699	0.3583067	8.919E-06	0.0871426	0.4264376	1.062E-05	0.1037125	0.0084929	2.114E-07	0.0020655	0.0092648	2.306E-07	0.0022533
D2, Ting Kok Road	RD_009	1000-1100	0.0863743	1.788E-06	0.0174726	0.4142146	8.576E-06	0.0837913	0.5005889	1.036E-05	0.1012639	0.0101667	2.105E-07	0.0020566	0.0110765	2.293E-07	0.0022407
D2, Ting Kok Road	RD_009	1100-1200	0.0892587	1.894E-06	0.0185033	0.4176915	8.863E-06	0.0865874	0.5069502	1.076E-05	0.1050907	0.0105691	2.243E-07	0.002191	0.0115117	2.443E-07	0.0023864
D2, Ting Kok Road	RD_009	1200-1300	0.0714319	1.543E-06	0.0150762	0.3685981	7.963E-06	0.0777954	0.44003	9.506E-06	0.0928716	0.009166	1.98E-07	0.0019346	0.0100015	2.161E-07	0.0021109
D2, Ting Kok Road	RD_009	1300-1400	0.0700278	1.459E-06	0.0142536	0.3762982	7.84E-06	0.0765925	0.446326	9.298E-06	0.0908461	0.0091683	1.91E-07	0.0018661	0.0100011	2.084E-07	0.0020356
D2, Ting Kok Road	RD_009	1400-1500	0.0943691	1.904E-06	0.0185974	0.4442779	8.962E-06	0.0875541	0.538647	1.087E-05	0.1061514	0.010811	2.181E-07	0.0021305	0.0117552	2.371E-07	0.0023166
D2, Ting Kok Road	RD_009	1500-1600	0.0832267	1.602E-06	0.0156544	0.4183583	8.054E-06	0.0786906	0.501585	9.657E-06	0.094345	0.0101161	1.948E-07	0.0019028	0.0110101	2.12E-07	0.0020709
D2, Ting Kok Road	RD_009	1600-1700	0.0867036	1.958E-06	0.019132	0.4302665	9.718E-06	0.0949428	0.51697	1.168E-05	0.1140749	0.0108216	2.444E-07	0.0023879	0.0118207	2.67E-07	0.0026084
D2, Ting Kok Road	RD_009	1700-1800	0.0673732	1.661E-06	0.0162309	0.3514562	8.666E-06	0.0846694	0.4188295	1.033E-05	0.1009003	0.0090707	2.237E-07	0.0021852	0.0099351	2.45E-07	0.0023935
D2, Ting Kok Road	RD_009	1800-1900	0.0437957	9.545E-07	0.0093257	0.2759402	6.014E-06	0.0587577	0.3197359	6.969E-06	0.0680834	0.0070934	1.546E-07	0.0015104	0.0077712	1.694E-07	0.0016548
D2, Ting Kok Road	RD_009	1900-2000	0.0440573	6.298E-07	0.0061531	0.3473198	4.965E-06	0.0485071	0.3913771	5.595E-06	0.0546602	0.0084827	1.213E-07	0.0011847	0.0092807	1.327E-07	0.0012961
D2, Ting Kok Road	RD_009	2000-2100	0.0411612	4.442E-07	0.0043394	0.3272599	3.531E-06	0.0345012	0.3684211	3.975E-06	0.0388406	0.0080984	8.739E-08	0.0008538	0.008874	9.576E-08	0.0009355
D2, Ting Kok Road	RD_009	2100-2200	0.0438411	4.187E-07	0.0040911	0.3256259	3.11E-06	0.0303862	0.369467	3.529E-06	0.0344773	0.0077368	7.39E-08	0.000722	0.0084477	8.069E-08	0.0007883
D2, Ting Kok Road	RD_009	2200-2300	0.0399873	3.46E-07	0.0033809	0.3035324	2.627E-06	0.0256631	0.3435197	2.973E-06	0.029044	0.0065503	5.668E-08	0.0005538	0.0071538	6.191E-08	0.0006048
D2, Ting Kok Road	RD_009	2300-0000	0.0373277	2.265E-07	0.0022131	0.355234	2.156E-06	0.0210612	0.3925617	2.382E-06	0.0232743	0.007568	4.593E-08	0.0004487	0.008236	4.998E-08	0.0004883
E, Dai Fu Street	RD_010	0000-0100	0.1952885	4.041E-07	0.0020142	3.4909129	7.224E-06	0.0360049	3.6862014	7.628E-06	0.0380191	0.0789938	1.635E-07	0.0008147	0.0859122	1.778E-07	0.0008861
E, Dai Fu Street	RD_010	0100-0200	0.2964056	5.064E-07	0.0025236	4.9053705	8.38E-06	0.041765	5.2017761	8.886E-06	0.0442887	0.112778	1.927E-07	0.0009602	0.1226549	2.095E-07	0.0010443
E, Dai Fu Street	RD_010	0200-0300	0.219323	1.432E-07	0.0007135	1.4307873	9.34E-07	0.0046549	1.6501103	1.077E-06	0.0053684	0.0318992	2.082E-08	0.0001038	0.0347455	2.268E-08	0.000113
E, Dai Fu Street	RD_010	0300-0400	0.2114575	1.292E-07	0.000644	1.6396842	1.002E-06	0.004994	1.8511416	1.131E-06	0.005638	0.0358842	2.193E-08	0.0001093	0.0390151	2.384E-08	0.0001188
E, Dai Fu Street	RD_010	0400-0500	0.2209336	2.148E-07	0.0010705	2.6081904	2.536E-06	0.0126379	2.829124	2.751E-06	0.0137084	0.0580345	5.642E-08	0.0002812	0.0631525	6.14E-08	0.000306
E, Dai Fu Street	RD_010	0500-0600	0.3315986	1.041E-06	0.0051875	5.4044577	1.696E-05	0.0845467	5.7360563	1.8E-05	0.0897342	0.1260559	3.957E-07	0.001972	0.1370192	4.301E-07	0.0021435
E, Dai Fu Street	RD_010	0600-0700	0.3078931	1.937E-06	0.0096546	3.5340773	2.224E-05	0.110818	3.8419704	2.417E-05	0.1204726	0.0836912	5.266E-07	0.0026243	0.0910006	5.725E-07	0.0028535
E, Dai Fu Street	RD_010	0700-0800	0.2773945	1.949E-06	0.0097159	2.1516765	1.512E-05	0.0753639	2.429071	1.707E-05	0.0850799	0.0512252	3.6E-07	0.0017942	0.0557277	3.916E-07	0.0019519
E, Dai Fu Street	RD_010	0800-0900	0.2152865	2.003E-06	0.0099845	1.0725162	9.98E-06	0.049741	1.2878027	1.198E-05	0.0597256	0.0237523	2.21E-07	0.0011016	0.0258301	2.404E-07	0.0011979
E, Dai Fu Street	RD_010	0900-1000	0.2235425	1.441E-06	0.0071798	1.1426118	7.363E-06	0.0366989	1.3661543	8.804E-06	0.0438787	0.0249396	1.607E-07	0.000801	0.0270914	1.746E-07	0.0008701
E, Dai Fu Street	RD_010	1000-1100	0.2671918	1.689E-06	0.0084153	1.2535759	7.922E-06	0.0394819	1.5207677	9.61E-06	0.0478972	0.0290636	1.837E-07	0.0009154	0.0315671	1.995E-07	0.0009942
E, Dai Fu Street	RD_010	1100-1200	0.2691618	1.634E-06	0.008142	1.3722723	8.329E-06	0.0415105	1.6414341	9.963E-06	0.0496525	0.0334195	2.028E-07	0.0010109	0.0363687	2.207E-07	0.0011001
E, Dai Fu Street	RD_010	1200-1300	0.2532689	1.801E-06	0.0089761	1.0655624	7.577E-06	0.0377646	1.3188313	9.378E-06	0.0467407	0.0269651	1.918E-07	0.0009557	0.029389	2.09E-07	0.0010416
E, Dai Fu Street	RD_010	1300-1400	0.2565813	1.219E-06	0.0060742	1.2806212	6.083E-06	0.0303168	1.5372025	7.302E-06	0.0363909	0.0308073	1.463E-07	0.0007293	0.0335411	1.593E-07	0.000794
E, Dai Fu Street	RD_010	1400-1500	0.2702154	1.479E-06	0.0073696	1.4591777	7.985E-06	0.0397961	1.729393	9.464E-06	0.0471657	0.0346901	1.898E-07	0.0009461	0.0377277	2.065E-07	0.0010289
E, Dai Fu Street	RD_010	1500-1600	0.2588481	1.273E-06	0.0063428	1.2810516	6.299E-06	0.0313911	1.5398997	7.571E-06	0.0377339	0.0306817	1.509E-07	0.0007518	0.0333758	1.641E-07	0.0008178
E, Dai Fu Street	RD_010	1600-1700	0.2525774	1.221E-06	0.0060843	1.5705517	7.591E-06	0.0378327	1.8231291	8.812E-06	0.043917	0.0379968	1.837E-07	0.0009153	0.041331	1.998E-07	0.0009956
E, Dai Fu Street	RD_010	1700-1800	0.1831723	1.247E-06	0.0062129	0.7576232	5.156E-06	0.0256972	0.9407955	6.403E-06	0.03191	0.0196911	1.34E-07	0.0006679	0.0214999	1.463E-07	0.0007292
E, Dai Fu Street	RD_010	1800-1900	0.1625331	9.707E-07	0.0048378	0.949551	5.671E-06	0.0282633	1.112084	6.642E-06	0.0331011	0.0233687	1.396E-07	0.0006956	0.0254527	1.52E-07	0.0007576
E, Dai Fu Street	RD_010	1900-2000	0.1890288	7.745E-07	0.00386	1.9355903	7.931E-06	0.039525	2.1246191	8.705E-06	0.043385	0.0457109	1.873E-07	0.0009334	0.0497334	2.038E-07	0.0010156
E, Dai Fu Street	RD_010	2000-2100	0.1143533	3.081E-07	0.0015356	1.4799619	3.988E-06	0.0198741	1.5943152	4.296E-06	0.0214098	0.0334937	9.025E-08	0.0004498	0.0364399	9.819E-08	0.0004893
E, Dai Fu Street	RD_010	2100-2200	0.1725059	4.361E-07	0.0021733	1.796948	4.542E-06	0.0226383	1.9694539	4.978E-06	0.0248115	0.0402484	1.017E-07	0.0005071	0.0438096	1.107E-07	0.0005519
E, Dai Fu Street	RD_010	2200-2300	0.2481045	6.168E-07	0.0030741	3.2016452	7.96E-06	0.03967	3.4497497	8.576E-06	0.0427441	0.0745764	1.854E-07	0.000924	0.0811232	2.017E-07	0.0010052
E, Dai Fu Street	RD_010	2300-0000	0.1838637	3.499E-07	0.0017436	3.0071534	5.722E-06	0.0285175	3.1910171	6.072E-06	0.0302612	0.0678561	1.291E-07	0.0006435	0.073779	1.404E-07	0.0006997
F, Dai Wang Street	RD_011	0000-0100	0.1934007	2.451E-07	0.0016883	3.4503991	4.373E-06	0.03012	3.6437998	4.618E-06	0.0318083	0.0780019	9.886E-08	0.0006809	0.0848106	1.075E-07	0.0007403
F, Dai Wang Street	RD_011	0100-0200	0.2962397	3.137E-07	0.0021609	4.9016897	5.191E-06	0.0357552	5.1979295	5.505E-06	0.0379161	0.112778	1.194E-07	0.0008227	0.1226549	1.299E-07	0.0008947
F, Dai Wang Street	RD_011	0200-0300	0.2190402	8.746E-08	0.0006024	1.4266381	5.697E-07	0.0039238	1.6456784	6.571E-07	0.0045262	0.0318992	1.274E-08	8.773E-05	0.0347455	1.387E-08	9.556E-05
F, Dai Wang Street	RD_011	0300-0400	0.2108843	8.055E-08	0.0005548	1.6318918	6.233E-07	0.0042932	1.842776	7.038E-07	0.004848	0.0358842	1.371E-08	9.44E-05	0.0390151	1.49E-08	0.0001026
F, Dai Wang Street	RD_011	0400-0500	0.2205718	1.34E-07	0.0009232	2.600902	1.58E-06	0.0108857	2.8214738	1.714E-06	0.0118088	0.0580345	3.526E-08	0.0002429	0.0631525	3.837E-08	0.0002643
F, Dai Wang Street	RD_011	0500-0600	0.3309939	6.379E-07	0.0043935	5.3916647	1.039E-05	0.0715664	5.7226586	1.103E-05	0.0759599	0.1260559	2.429E-07	0.0016732	0.1370192	2.64E-07	0.0018187
F, Dai Wang Street	RD_011	0600-0700	0.3070647	1.189E-06	0.0081884	3.5208413	1.363E-05	0.093889	3.827906	1.482E-05	0.1020774	0.0836912	3.24E-07	0.0022318	0.0910006	3.523E-07	0.0024267
F, Dai Wang Street	RD_011	0700-0800	0.277991	1.202E-06	0.0082774	2.1563118	9.322E-06	0.0642058	2.4343028	1.052E-05	0.0724832	0.0512252	2.214E-07	0.0015253	0.0557277	2.409E-07	0.0016593
F, Dai Wang Street	RD_011	0800-0900	0.21601	1.238E-06	0.0085242	1.0765176	6.168E-06	0.0424814	1.2925276	7.405E-06	0.0510055	0.0237523	1.361E-07	0.0009373	0.0258301	1.48E-07	0.0010193
F, Dai Wang Street	RD_011	0900-1000	0.2241448	8.872E-07	0.0061112	1.1459889	4.536E-06	0.0312449	1.3701338	5.423E-06	0.0373561	0.0249396	9.872E-08	0.00068	0.0270914	1.072E-07	0.0007386
F, Dai Wang Street	RD_011	1000-1100	0.2672845	1.035E-06	0.0071276	1.2526835	4.85E-06	0.0334048	1.519968	5.885E-06	0.0405324	0.0290636	1.125E-07	0.000775	0.0315671	1.222E-07	0.0008418
F, Dai Wang Street	RD_011	1100-1200	0.2695178	1.006E-06	0.0069293	1.373489	5.127E-06	0.0353124	1.6430068	6.133E-06	0.0422417	0.0334195	1.247E-07	0.0008592	0.0363687	1.358E-07	0.000935
F, Dai Wang Street	RD_011	1200-1300	0.2488681	8.728E-07	0.0060115	1.0489272	3.679E-06	0.0253373	1.2977953	4.551E-06	0.0313488	0.0264367	9.271E-08	0.0006386	0.028833	1.011E-07	0.0006965
F, Dai Wang Street	RD_011	1300-1400	0.2501455	5.863E-07	0.0040382	1.2536285	2.938E-06	0.0202379	1.503774	3.524E-06	0.0242761	0.0302271	7.084E-08	0.000488	0.0329225	7.716E-08	0.0005315
F, Dai Wang Street	RD_011	1400-1500	0.2706248	7.282E-07	0.0050161	1.460383	3.93E-06	0.0270683	1.7310077	4.658E-06	0.0320844	0.0346901	9.335E-08	0.000643	0.0377277	1.015E-07	0.0006993
F, Dai Wang Street	RD_011	1500-1600	0.259221	6.346E-07	0.0043707	1.2820195	3.138E-06	0.0216161	1.5412406	3.773E-06	0.0259868	0.0306817	7.511E-08	0.0005173	0.0333758	8.17E-08	0.0005627
F, Dai Wang Street	RD_011	1600-1700	0.2534367	6.072E-07	0.0041823	1.5749512	3.773E-06	0.0259902	1.8283879	4.381E-06	0.0301725	0.0379968	9.103E-08	0.000627	0.041331	9.902E-08	0.0006821
F, Dai Wang Street	RD_011	1700-1800	0.1794174	6.043E-07	0.0041623	0.7402115	2.493E-06	0.017172	0.9196289	3.097E-06	0.0213343	0.0193209	6.507E-08	0.0004482	0.0211071	7.109E-08	0.0004897
F, Dai Wang Street	RD_011	1800-1900	0.1627836	4.804E-07	0.0033092	0.9478179	2.797E-06	0.019268	1.1106016	3.278E-06	0.0225772	0.0233687	6.897E-08	0.0004751	0.0254527	7.512E-08	0.0005174
F, Dai Wang Street	RD_011	1900-2000	0.179965	3.624E-07	0.0024964	1.8585112	3.743E-06	0.0257802	2.0384762	4.105E-06	0.0282766	0.0434807	8.757E-08	0.0006031	0.0473012	9.526E-08	0.0006561
F, Dai Wang Street	RD_011	2000-2100	0.110384	1.456E-07	0.0010032	1.4283128	1.885E-06	0.0129808	1.5386968	2.03E-06	0.013984	0.0321444	4.241E-08	0.0002921	0.034981	4.616E-08	0.0003179
F, Dai Wang Street	RD_011	2100-2200	0.1661714	2.077E-07	0.0014307	1.7338615	2.167E-06	0.0149283	1.9000329	2.375E-06	0.016359	0.0386464	4.831E-08	0.0003327	0.0420768	5.26E-08	0.0003623
F, Dai Wang Street	RD_011	2200-2300	0.2404117	2.963E-07	0.0020412	3.1081623	3.831E-06	0.0263891	3.3485739	4.128E-06	0.0284303	0.0716433	8.831E-08	0.0006083	0.0779497	9.608E-08	0.0006618
F, Dai Wang Street	RD_011	2300-0000	0.1807025	1.694E-07	0.0011669	2.9492375	2.765E-06	0.0190444	3.12994	2.934E-06	0.0202112	0.0661975	6.206E-08	0.0004275	0.0719514	6.745E-08	0.0004646
G, Dai Cheong Street	RD_012	0000-0100	0.2001036	5.447E-07	0.0038649	3.5822335	9.752E-06	0.0691887	3.782337	1.03E-05	0.0730535	0.0822909	2.24E-07	0.0015894	0.0894453	2.435E-07	0.0017276
G, Dai Cheong Street	RD_012	0100-0200	0.3038229	6.878E-07	0.0048801	5.0333453	1.139E-05	0.080848	5.3371682	1.208E-05	0.0857282	0.1172425	2.654E-07	0.0018832	0.1275081	2.887E-07	0.0020481
G, Dai Cheong Street	RD_012	0200-0300	0.2212108	1.905E-07	0.0013515	1.4393794	1.239E-06	0.0087941	1.6605902	1.43E-06	0.0101456	0.0322675	2.779E-08	0.0001971	0.0351437	3.026E-08	0.0002147
G, Dai Cheong Street	RD_012	0300-0400	0.2129151	1.745E-07	0.0012379	1.6455029	1.348E-06	0.009567	1.858418	1.523E-06	0.0108049	0.0363054	2.975E-08	0.0002111	0.0394714	3.234E-08	0.0002295
G, Dai Cheong Street	RD_012	0400-0500	0.224507	2.869E-07	0.0020354	2.6431121	3.377E-06	0.0239623	2.8676191	3.664E-06	0.0259977	0.0594024	7.59E-08	0.0005385	0.0646366	8.259E-08	0.000586
G, Dai Cheong Street	RD_012	0500-0600	0.347937	1.455E-06	0.0103203	5.6611905	2.367E-05	0.1679188	6.0091275	2.512E-05	0.1782391	0.1343572	5.617E-07	0.0039852	0.146064	6.106E-07	0.0043325
G, Dai Cheong Street	RD_012	0600-0700	0.3070647	2.563E-06	0.0181857	3.5208413	2.939E-05	0.2085191	3.827906	3.195E-05	0.2267048	0.0836912	6.986E-07	0.0049565	0.0910006	7.596E-07	0.0053894
G, Dai Cheong Street	RD_012	0700-0800	0.277991	2.598E-06	0.0184362	2.1563118	2.016E-05	0.1430051	2.4343028	2.275E-05	0.1614413	0.0512252	4.788E-07	0.0033972	0.0557277	5.209E-07	0.0036958
G, Dai Cheong Street	RD_012	0800-0900	0.2206287	2.727E-06	0.0193498	1.096186	1.355E-05	0.0961389	1.3168147	1.628E-05	0.1154888	0.0242423	2.997E-07	0.0021261	0.0263653	3.259E-07	0.0023123
G, Dai Cheong Street	RD_012	0900-1000	0.2241448	1.915E-06	0.013584	1.1459889	9.789E-06	0.0694513	1.3701338	1.17E-05	0.0830354	0.0249396	2.13E-07	0.0015114	0.0270914	2.314E-07	0.0016418
G, Dai Cheong Street	RD_012	1000-1100	0.2672845	2.239E-06	0.0158824	1.2526835	1.049E-05	0.0744361	1.519968	1.273E-05	0.0903185	0.0290636	2.434E-07	0.001727	0.0315671	2.644E-07	0.0018758
G, Dai Cheong Street	RD_012	1100-1200	0.2750147	2.215E-06	0.0157184	1.3974171	1.126E-05	0.0798691	1.6724318	1.347E-05	0.0955876	0.0340837	2.746E-07	0.001948	0.037068	2.986E-07	0.0021186
G, Dai Cheong Street	RD_012	1200-1300	0.2592646	2.747E-06	0.0194936	1.0868567	1.152E-05	0.0817188	1.3461213	1.427E-05	0.1012124	0.0275121	2.916E-07	0.0020686	0.0299917	3.178E-07	0.002255
G, Dai Cheong Street	RD_012	1300-1400	0.2623988	1.859E-06	0.0131873	1.305079	9.244E-06	0.0655891	1.5674778	1.11E-05	0.0787765	0.0314156	2.225E-07	0.0015788	0.0341848	2.421E-07	0.001718
G, Dai Cheong Street	RD_012	1400-1500	0.2759295	2.246E-06	0.0159339	1.4851172	1.209E-05	0.0857597	1.7610467	1.433E-05	0.1016936	0.0353679	2.879E-07	0.0020424	0.0384502	3.129E-07	0.0022204
G, Dai Cheong Street	RD_012	1500-1600	0.2645215	1.936E-06	0.0137372	1.3047278	9.55E-06	0.0677572	1.5692493	1.149E-05	0.0814944	0.0312978	2.291E-07	0.0016254	0.0340236	2.49E-07	0.0017669
G, Dai Cheong Street	RD_012	1600-1700	0.258259	1.854E-06	0.0131574	1.6006471	1.149E-05	0.0815476	1.8589061	1.335E-05	0.094705	0.0387173	2.78E-07	0.0019725	0.0421038	3.023E-07	0.002145
G, Dai Cheong Street	RD_012	1700-1800	0.1829613	1.852E-06	0.0131435	0.7537328	7.632E-06	0.0541464	0.9366942	9.484E-06	0.06729	0.0196911	1.994E-07	0.0014146	0.0214999	2.177E-07	0.0015445
G, Dai Cheong Street	RD_012	1800-1900	0.1658143	1.474E-06	0.0104575	0.9636047	8.565E-06	0.0607721	1.129419	1.004E-05	0.0712295	0.0238014	2.116E-07	0.0015011	0.0259191	2.304E-07	0.0016346
G, Dai Cheong Street	RD_012	1900-2000	0.1927604	1.175E-06	0.0083389	1.9666839	1.199E-05	0.0850793	2.1594443	1.317E-05	0.0934182	0.046529	2.837E-07	0.0020129	0.0506209	3.086E-07	0.0021899
G, Dai Cheong Street	RD_012	2000-2100	0.1245422	4.982E-07	0.0035345	1.5925628	6.37E-06	0.0451975	1.717105	6.868E-06	0.048732	0.0368344	1.473E-07	0.0010454	0.0400704	1.603E-07	0.0011372
G, Dai Cheong Street	RD_012	2100-2200	0.1873423	7.077E-07	0.0050215	1.9229452	7.264E-06	0.0515419	2.1102875	7.972E-06	0.0565634	0.0441372	1.667E-07	0.001183	0.0480406	1.815E-07	0.0012877
G, Dai Cheong Street	RD_012	2200-2300	0.267532	9.921E-07	0.007039	3.4253582	1.27E-05	0.0901244	3.6928902	1.369E-05	0.0971634	0.0816832	3.029E-07	0.0021492	0.0888452	3.295E-07	0.0023376
G, Dai Cheong Street	RD_012	2300-0000	0.1904666	5.37E-07	0.0038101	3.1164239	8.787E-06	0.0623415	3.3068905	9.324E-06	0.0661517	0.0715985	2.019E-07	0.0014323	0.077826	2.194E-07	0.0015568
H, Dai Fai Street	RD_013	0000-0100	0.0825726	1.078E-07	0.000298	1.2996647	1.697E-06	0.0046906	1.3822374	1.805E-06	0.0049886	0.02883	3.764E-08	0.0001041	0.0313522	4.093E-08	0.0001132
H, Dai Fai Street	RD_013	0100-0200	0.122177	8.994E-08	0.0002486	1.7694814	1.303E-06	0.0036007	1.8916584	1.392E-06	0.0038494	0.0389869	2.87E-08	7.934E-05	0.0424195	3.123E-08	8.632E-05
H, Dai Fai Street	RD_013	0200-0300	0.1045998	3.341E-08	9.237E-05	0.6663454	2.129E-07	0.0005884	0.7709451	2.463E-07	0.0006808	0.0137438	4.39E-09	1.214E-05	0.0149529	4.777E-09	1.32E-05

H, Dai Fai Street	RD_013	0300-0400	0.1222749	3.906E-08	0.000108	0.8508627	2.718E-07	0.0007514	0.9731376	3.109E-07	0.0008594	0.018246	5.829E-09	1.611E-05	0.0199028	6.358E-09	1.758E-05
H, Dai Fai Street	RD_013	0400-0500	0.1448043	4.827E-08	0.0001334	1.2247359	4.082E-07	0.0011286	1.3695402	4.565E-07	0.001262	0.0253997	8.467E-09	2.341E-05	0.0276187	9.206E-09	2.545E-05
H, Dai Fai Street	RD_013	0500-0600	0.1615092	1.682E-07	0.0004651	2.0637042	2.15E-06	0.0059426	2.2252134	2.318E-06	0.0064077	0.045558	4.746E-08	0.0001312	0.049551	5.162E-08	0.0001427
H, Dai Fai Street	RD_013	0600-0700	0.1518652	4.345E-07	0.0012011	1.4794147	4.233E-06	0.0117011	1.6312798	4.667E-06	0.0129023	0.0343904	9.839E-08	0.000272	0.0374034	1.07E-07	0.0002958
H, Dai Fai Street	RD_013	0700-0800	0.1506715	7.743E-07	0.0021404	1.0299634	5.293E-06	0.0146317	1.1806349	6.067E-06	0.0167721	0.0247223	1.27E-07	0.0003512	0.0269092	1.383E-07	0.0003823
H, Dai Fai Street	RD_013	0800-0900	0.1374491	8.4E-07	0.002322	0.7012624	4.285E-06	0.0118469	0.8387115	5.125E-06	0.0141689	0.0161091	9.844E-08	0.0002721	0.0175259	1.071E-07	0.0002961
H, Dai Fai Street	RD_013	0900-1000	0.1519673	7.197E-07	0.0019896	0.759231	3.596E-06	0.0099403	0.9111983	4.316E-06	0.0119299	0.0171512	8.123E-08	0.0002246	0.0186552	8.835E-08	0.0002442
H, Dai Fai Street	RD_013	1000-1100	0.186833	7.318E-07	0.0020229	0.8572568	3.358E-06	0.0092818	1.0440898	4.089E-06	0.0113047	0.0203226	7.96E-08	0.00022	0.0221116	8.66E-08	0.0002394
H, Dai Fai Street	RD_013	1100-1200	0.1842495	7.191E-07	0.0019878	0.8838761	3.45E-06	0.009536	1.0681256	4.169E-06	0.0115239	0.021671	8.458E-08	0.0002338	0.0235868	9.205E-08	0.0002545
H, Dai Fai Street	RD_013	1200-1300	0.1602615	6.589E-07	0.0018213	0.7146259	2.938E-06	0.0081216	0.8748874	3.597E-06	0.0099429	0.0180026	7.401E-08	0.0002046	0.0196288	8.07E-08	0.0002231
H, Dai Fai Street	RD_013	1300-1400	0.1551234	5.86E-07	0.00162	0.7638602	2.886E-06	0.0079773	0.9189835	3.472E-06	0.0095973	0.0186757	7.055E-08	0.000195	0.0203627	7.693E-08	0.0002127
H, Dai Fai Street	RD_013	1400-1500	0.1761352	6.507E-07	0.0017989	0.8718484	3.221E-06	0.0089042	1.0479836	3.872E-06	0.010703	0.0211879	7.828E-08	0.0002164	0.0230687	8.523E-08	0.0002356
H, Dai Fai Street	RD_013	1500-1600	0.1660733	5.674E-07	0.0015686	0.7930585	2.71E-06	0.0074905	0.9591318	3.277E-06	0.0090591	0.0192995	6.594E-08	0.0001823	0.0210128	7.179E-08	0.0001985
H, Dai Fai Street	RD_013	1600-1700	0.1626168	6.098E-07	0.0016858	0.8893902	3.335E-06	0.0092199	1.052007	3.945E-06	0.0109057	0.0218252	8.184E-08	0.0002263	0.0237718	8.914E-08	0.0002464
H, Dai Fai Street	RD_013	1700-1800	0.1218032	5.481E-07	0.0015152	0.5566883	2.505E-06	0.0069251	0.6784915	3.053E-06	0.0084403	0.0144443	6.5E-08	0.0001797	0.0157696	7.096E-08	0.0001962
H, Dai Fai Street	RD_013	1800-1900	0.0962066	4.142E-07	0.0011451	0.5621086	2.42E-06	0.0066904	0.6583151	2.834E-06	0.0078355	0.0142104	6.118E-08	0.0001691	0.0154907	6.67E-08	0.0001844
H, Dai Fai Street	RD_013	1900-2000	0.0918057	2.92E-07	0.0008072	0.8452531	2.688E-06	0.0074318	0.9370588	2.98E-06	0.008239	0.020242	6.438E-08	0.000178	0.0220443	7.011E-08	0.0001938
H, Dai Fai Street	RD_013	2000-2100	0.0676304	1.569E-07	0.0004336	0.6929151	1.607E-06	0.0044429	0.7605455	1.764E-06	0.0048765	0.0163736	3.798E-08	0.000105	0.0178492	4.14E-08	0.0001144
H, Dai Fai Street	RD_013	2100-2200	0.0855666	1.771E-07	0.0004895	0.7948998	1.645E-06	0.0045475	0.8804664	1.822E-06	0.005037	0.0183753	3.803E-08	0.0001051	0.0200343	4.146E-08	0.0001146
H, Dai Fai Street	RD_013	2200-2300	0.1045727	1.961E-07	0.000542	1.2330565	2.312E-06	0.0063913	1.3376292	2.508E-06	0.0069333	0.0283524	5.316E-08	0.000147	0.0308628	5.787E-08	0.00016
H, Dai Fai Street	RD_013	2300-0000	0.0832228	1.075E-07	0.0002972	1.1858541	1.532E-06	0.0042343	1.2690769	1.639E-06	0.0045315	0.0264819	3.421E-08	9.456E-05	0.0288005	3.72E-08	0.0001028
I, Dai Fat Street	RD_014	0000-0100	0.081319	7.567E-08	0.0002581	1.27936	1.191E-06	0.0040607	1.360679	1.266E-06	0.0043188	0.0281539	2.62E-08	8.936E-05	0.0306268	2.85E-08	9.721E-05
I, Dai Fat Street	RD_014	0100-0200	0.1212868	6.064E-08	0.0002068	1.7568086	8.784E-07	0.0029961	1.8780954	9.39E-07	0.003203	0.0385512	1.928E-08	6.575E-05	0.0419443	2.097E-08	7.153E-05
I, Dai Fat Street	RD_014	0200-0300	0.1036159	2.159E-08	7.363E-05	0.6604297	1.376E-07	0.0004693	0.7640456	1.592E-07	0.0005429	0.0135892	2.831E-09	9.657E-06	0.0148043	3.084E-09	1.052E-05
I, Dai Fat Street	RD_014	0300-0400	0.1211623	2.524E-08	8.61E-05	0.8438729	1.758E-07	0.0005997	0.9650352	2.01E-07	0.0006858	0.0180473	3.76E-09	1.282E-05	0.0197098	4.106E-09	1.401E-05
I, Dai Fat Street	RD_014	0400-0500	0.1435747	3.39E-08	0.0001156	1.2152791	2.869E-07	0.0009787	1.3588538	3.208E-07	0.0010943	0.0251276	5.933E-09	2.024E-05	0.0273329	6.454E-09	2.201E-05
I, Dai Fat Street	RD_014	0500-0600	0.1602431	1.18E-07	0.0004023	2.0481868	1.508E-06	0.0051426	2.2084299	1.626E-06	0.0055449	0.0450505	3.316E-08	0.0001131	0.04901	3.608E-08	0.0001231
I, Dai Fat Street	RD_014	0600-0700	0.1431449	2.863E-07	0.0009765	1.4037077	2.807E-06	0.0095758	1.5468526	3.094E-06	0.0105523	0.0320627	6.413E-08	0.0002187	0.0348794	6.976E-08	0.0002379
I, Dai Fat Street	RD_014	0700-0800	0.1468679	5.324E-07	0.0018159	1.0101692	3.662E-06	0.0124902	1.1570371	4.194E-06	0.0143061	0.0242623	8.795E-08	0.0003	0.0264166	9.576E-08	0.0003266
I, Dai Fat Street	RD_014	0800-0900	0.1347435	5.801E-07	0.0019788	0.6891344	2.967E-06	0.0101205	0.8238779	3.547E-06	0.0120993	0.015795	6.801E-08	0.000232	0.0171961	7.404E-08	0.0002525
I, Dai Fat Street	RD_014	0900-1000	0.1424174	4.747E-07	0.0016192	0.7163975	2.388E-06	0.0081452	0.8588149	2.863E-06	0.0097644	0.0162116	5.404E-08	0.0001843	0.0176322	5.877E-08	0.0002005
I, Dai Fat Street	RD_014	1000-1100	0.1665094	4.602E-07	0.0015697	0.7721866	2.134E-06	0.0072796	0.938696	2.594E-06	0.0088494	0.0182462	5.043E-08	0.000172	0.0198594	5.489E-08	0.0001872
I, Dai Fat Street	RD_014	1100-1200	0.1644028	4.521E-07	0.0015421	0.7983623	2.195E-06	0.0074886	0.9627651	2.648E-06	0.0090307	0.0194855	5.359E-08	0.0001828	0.0212172	5.835E-08	0.000199
I, Dai Fat Street	RD_014	1200-1300	0.1501701	4.964E-07	0.0016931	0.674	2.228E-06	0.0075993	0.8241702	2.724E-06	0.0092924	0.0170332	5.63E-08	0.000192	0.0185696	6.138E-08	0.0002094
I, Dai Fat Street	RD_014	1300-1400	0.1472025	4.477E-07	0.0015272	0.7292546	2.218E-06	0.0075658	0.8764571	2.666E-06	0.009093	0.0177358	5.395E-08	0.00184	0.0193145	5.875E-08	0.0002004
I, Dai Fat Street	RD_014	1400-1500	0.1645596	4.914E-07	0.0016761	0.8212212	2.452E-06	0.0083644	0.9857808	2.944E-06	0.0100404	0.0197704	5.904E-08	0.0002014	0.0215087	6.423E-08	0.0002191
I, Dai Fat Street	RD_014	1500-1600	0.1554082	4.295E-07	0.0014651	0.7477149	2.067E-06	0.0070489	0.9031231	2.496E-06	0.008514	0.0180237	4.982E-08	0.0001699	0.0196241	5.424E-08	0.000185
I, Dai Fat Street	RD_014	1600-1700	0.1544854	4.677E-07	0.0015954	0.8499272	2.573E-06	0.0087775	1.0044126	3.041E-06	0.010373	0.020737	6.279E-08	0.0002142	0.0225662	6.833E-08	0.0002331
I, Dai Fat Street	RD_014	1700-1800	0.1182447	4.303E-07	0.0014676	0.5414246	1.97E-06	0.0067201	0.6596693	2.4E-06	0.0081877	0.0141534	5.15E-08	0.0001757	0.015467	5.628E-08	0.000192
I, Dai Fat Street	RD_014	1800-1900	0.0918555	3.189E-07	0.0010879	0.539556	1.873E-06	0.0063901	0.6314114	2.192E-06	0.007478	0.0136909	4.754E-08	0.0001621	0.0149439	5.189E-08	0.000177
I, Dai Fat Street	RD_014	1900-2000	0.0881677	2.253E-07	0.0007685	0.8158891	2.085E-06	0.0071119	0.9040568	2.31E-06	0.0078804	0.0193641	4.949E-08	0.0001688	0.0210955	5.391E-08	0.0001839
I, Dai Fat Street	RD_014	2000-2100	0.0661298	1.24E-07	0.0004229	0.6789602	1.273E-06	0.0043422	0.74509	1.397E-06	0.0047652	0.0159411	2.989E-08	0.0001019	0.0173782	3.258E-08	0.0001111
I, Dai Fat Street	RD_014	2100-2200	0.0836494	1.394E-07	0.0004755	0.7792985	1.299E-06	0.0044302	0.8629479	1.438E-06	0.0049057	0.0178981	2.983E-08	0.0001017	0.0195131	3.252E-08	0.0001109
I, Dai Fat Street	RD_014	2200-2300	0.1025359	1.567E-07	0.0005343	1.2111341	1.85E-06	0.0063113	1.31367	2.007E-06	0.0068456	0.0276471	4.224E-08	0.0001441	0.0300882	4.597E-08	0.0001568
I, Dai Fat Street	RD_014	2300-0000	0.0819104	8.532E-08	0.000291	1.1670653	1.216E-06	0.0041466	1.2489758	1.301E-06	0.0044376	0.0258578	2.694E-08	9.187E-05	0.0281329	2.931E-08	9.996E-05
J, Dai Fai Street	RD_015	0000-0100	0.085435	1.887E-07	0.0010844	1.3459589	2.972E-06	0.0170833	1.4313939	3.161E-06	0.0181676	0.0302963	6.69E-08	0.0003845	0.0329594	7.279E-08	0.0004183
J, Dai Fai Street	RD_015	0100-0200	0.1240616	1.516E-07	0.0008715	1.7964362	2.196E-06	0.0126193	1.9204978	2.347E-06	0.0134908	0.0398841	4.875E-08	0.0002802	0.043374	5.301E-08	0.0003047
J, Dai Fai Street	RD_015	0200-0300	0.1056248	5.575E-08	0.0003204	0.6724855	3.549E-07	0.0020399	0.7781103	4.107E-07	0.0023603	0.0138883	7.33E-09	4.213E-05	0.0151426	7.992E-09	4.593E-05
J, Dai Fai Street	RD_015	0300-0400	0.1234451	6.515E-08	0.0003745	0.8580889	4.529E-07	0.0026029	0.9815341	5.18E-07	0.0029774	0.0184336	9.729E-09	5.592E-05	0.0201381	1.063E-08	6.109E-05
J, Dai Fai Street	RD_015	0400-0500	0.1461032	8.523E-08	0.0004898	1.2345744	7.202E-07	0.0041391	1.3806776	8.054E-07	0.004629	0.0256742	1.498E-08	8.608E-05	0.027941	1.63E-08	9.368E-05
J, Dai Fai Street	RD_015	0500-0600	0.1672845	2.927E-07	0.0016825	2.1326597	3.732E-06	0.0214503	2.2999442	4.025E-06	0.0231329	0.0477866	8.363E-08	0.0004806	0.0519793	9.096E-08	0.0005228
J, Dai Fai Street	RD_015	0600-0700	0.1645371	7.907E-07	0.0045445	1.5823325	7.604E-06	0.0437034	1.7468695	8.395E-06	0.0482479	0.0373421	1.794E-07	0.0010314	0.0406152	1.952E-07	0.0011218
J, Dai Fai Street	RD_015	0700-0800	0.1534894	1.328E-06	0.0076332	1.0463888	9.054E-06	0.0520383	1.1998783	1.038E-05	0.0596715	0.025186	2.179E-07	0.0012525	0.027405	2.371E-07	0.0013629
J, Dai Fai Street	RD_015	0800-0900	0.1374491	1.413E-06	0.0081192	0.7012624	7.207E-06	0.0414242	0.8387115	8.62E-06	0.0495434	0.0161091	1.656E-07	0.0009516	0.0175259	1.801E-07	0.0010353
J, Dai Fai Street	RD_015	0900-1000	0.1550826	1.234E-06	0.0070935	0.7730976	6.153E-06	0.0353615	0.9281801	7.387E-06	0.042455	0.017498	1.393E-07	0.0008004	0.0190181	1.514E-07	0.0008699
J, Dai Fai Street	RD_015	1000-1100	0.1907354	1.258E-06	0.0072321	0.8732516	5.761E-06	0.0331112	1.063987	7.019E-06	0.0403433	0.0207399	1.368E-07	0.0007864	0.0225456	1.487E-07	0.0008549
J, Dai Fai Street	RD_015	1100-1200	0.188048	1.238E-06	0.0071152	0.8999908	5.925E-06	0.0340532	1.0880388	7.163E-06	0.0411684	0.0221078	1.455E-07	0.0008365	0.0240426	1.583E-07	0.0009097
J, Dai Fai Street	RD_015	1200-1300	0.1602615	8.903E-07	0.0051172	0.7146259	3.97E-06	0.0228181	0.8748874	4.86E-06	0.0279353	0.0180026	1E-07	0.0005748	0.0196288	1.09E-07	0.0006268
J, Dai Fai Street	RD_015	1300-1400	0.1596156	8.18E-07	0.0047016	0.7829095	4.012E-06	0.0230611	0.9425251	4.83E-06	0.0277627	0.0190539	9.765E-08	0.0005612	0.020757	1.064E-07	0.0006114
J, Dai Fai Street	RD_015	1400-1500	0.1812013	9.085E-07	0.0052217	0.8930205	4.478E-06	0.0257342	1.0742217	5.386E-06	0.0309559	0.0216158	1.084E-07	0.0006229	0.0235162	1.179E-07	0.0006777
J, Dai Fai Street	RD_015	1500-1600	0.1741176	8.053E-07	0.0046284	0.8268247	3.824E-06	0.0219786	1.0009422	4.629E-06	0.0266069	0.0200539	9.275E-08	0.0005331	0.0218244	1.009E-07	0.0005801
J, Dai Fai Street	RD_015	1600-1700	0.1673274	8.506E-07	0.0048887	0.9114721	4.633E-06	0.0266297	1.0787995	5.484E-06	0.0315184	0.0222577	1.131E-07	0.0006503	0.0242263	1.232E-07	0.0007078
J, Dai Fai Street	RD_015	1700-1800	0.1242228	7.557E-07	0.0043433	0.5668591	3.448E-06	0.0198194	0.6910819	4.204E-06	0.0241627	0.0147217	8.956E-08	0.0005147	0.0160608	9.77E-08	0.0005615
J, Dai Fai Street	RD_015	1800-1900	0.0962066	5.612E-07	0.0032255	0.5621086	3.279E-06	0.0188457	0.6583151	3.84E-06	0.0220711	0.0142104	8.289E-08	0.0004764	0.0154907	9.036E-08	0.0005194
J, Dai Fai Street	RD_015	1900-2000	0.0984631	4.253E-07	0.0024444	0.8964238	3.872E-06	0.0222544	0.994887	4.297E-06	0.0246988	0.0216392	9.347E-08	0.0005372	0.0235736	1.018E-07	0.0005852
J, Dai Fai Street	RD_015	2000-2100	0.0711869	2.234E-07	0.0012843	0.7253372	2.277E-06	0.0130855	0.7965241	2.5E-06	0.0143697	0.017357	5.448E-08	0.0003131	0.0189048	5.934E-08	0.0003411
J, Dai Fai Street	RD_015	2100-2200	0.0887888	2.491E-07	0.0014317	0.8213073	2.304E-06	0.0132434	0.9100961	2.553E-06	0.0146751	0.0191525	5.373E-08	0.0003088	0.0208818	5.859E-08	0.0003367
J, Dai Fai Street	RD_015	2200-2300	0.1080275	2.761E-07	0.0015867	1.2700334	3.246E-06	0.0186541	1.3780609	3.522E-06	0.0202408	0.0295279	7.546E-08	0.0004337	0.0321333	8.212E-08	0.000472
J, Dai Fai Street	RD_015	2300-0000	0.084689	1.482E-07	0.0008518	1.2062935	2.111E-06	0.0121329	1.2909825	2.259E-06	0.0129847	0.0271211	4.746E-08	0.0002728	0.0295009	5.163E-08	0.0002967
K, Dai Hung Street	RD_016	0000-0100	0.1982851	2.111E-07	0.0004143	3.5468537	3.777E-06	0.0074107	3.7451388	3.988E-06	0.0078249	0.0811621	8.642E-08	0.0001696	0.0882316	9.395E-08	0.0001843
K, Dai Hung Street	RD_016	0100-0200	0.301155	2.719E-07	0.0005335	4.9873904	4.503E-06	0.0088347	5.2885455	4.774E-06	0.0093682	0.1156795	1.044E-07	0.0002049	0.1258342	1.136E-07	0.0002229
K, Dai Hung Street	RD_016	0200-0300	0.2212108	7.681E-08	0.0001507	1.4393794	4.998E-07	0.0009807	1.6605902	5.766E-07	0.0011314	0.0322675	1.12E-08	2.198E-05	0.0351437	1.22E-08	2.394E-05
K, Dai Hung Street	RD_016	0300-0400	0.2129151	6.407E-08	0.0001257	1.6455029	4.952E-07	0.0009716	1.858418	5.592E-07	0.0010973	0.0363054	1.093E-08	2.144E-05	0.0394714	1.188E-08	2.331E-05
K, Dai Hung Street	RD_016	0400-0500	0.2224743	1.133E-07	0.0002223	2.6215913	1.335E-06	0.0026196	2.8440656	1.448E-06	0.002842	0.0587029	2.99E-08	5.866E-05	0.0638749	3.253E-08	6.383E-05
K, Dai Hung Street	RD_016	0500-0600	0.347937	5.718E-07	0.0011221	5.6611905	9.304E-06	0.0182567	6.0091275	9.876E-06	0.0193787	0.1343572	2.208E-07	0.0004333	0.146064	2.401E-07	0.000471
K, Dai Hung Street	RD_016	0600-0700	0.3070647	1.002E-06	0.0019665	3.5208413	1.149E-05	0.0225487	3.827906	1.249E-05	0.0245152	0.0836912	2.732E-07	0.000536	0.0910006	2.97E-07	0.0005828
K, Dai Hung Street	RD_016	0700-0800	0.277991	1.023E-06	0.0020076	2.1563118	7.936E-06	0.0155727	2.4343028	8.96E-06	0.0175803	0.0512252	1.885E-07	0.0003699	0.0557277	2.051E-07	0.0004025
K, Dai Hung Street	RD_016	0800-0900	0.2206287	1.073E-06	0.0021044	1.096186	5.329E-06	0.0104558	1.3168147	6.401E-06	0.0125603	0.0242423	1.178E-07	0.0002312	0.0263653	1.282E-07	0.0002515
K, Dai Hung Street	RD_016	0900-1000	0.2241448	7.523E-07	0.0014762	1.1459889	3.846E-06	0.0075475	1.3701338	4.599E-06	0.0090237	0.0249396	8.371E-08	0.0001643	0.0270914	9.093E-08	0.0001784
K, Dai Hung Street	RD_016	1000-1100	0.2672845	8.848E-07	0.0017361	1.2526835	4.147E-06	0.0081364	1.519968	5.031E-06	0.0098725	0.0290636	9.621E-08	0.0001888	0.0315671	1.045E-07	0.000205
K, Dai Hung Street	RD_016	1100-1200	0.2750147	8.722E-07	0.0017113	1.3974171	4.432E-06	0.0086957	1.6724318	5.304E-06	0.010407	0.0340837	1.081E-07	0.0002121	0.037068	1.176E-07	0.0002307
K, Dai Hung Street	RD_016	1200-1300	0.2649686	1.754E-06	0.003442	1.1076234	7.333E-06	0.0143884	1.372592	9.087E-06	0.0178305	0.0280833	1.859E-07	0.0003648	0.0306283	2.028E-07	0.0003979
K, Dai Hung Street	RD_016	1300-1400	0.2678955	1.184E-06	0.0023241	1.3287049	5.875E-06	0.011527	1.5966004	7.059E-06	0.0138511	0.0320486	1.417E-07	0.000278	0.0348794	1.542E-07	0.0003026
K, Dai Hung Street	RD_016	1400-1500	0.2815804	1.434E-06	0.0028137	1.5113551	7.697E-06	0.0151024	1.7929355	9.131E-06	0.0179161	0.0360785	1.837E-07	0.0003605	0.0392263	1.998E-07	0.000392
K, Dai Hung Street	RD_016	1500-1600	0.2701768	1.232E-06	0.0024175	1.3287983	6.06E-06	0.01189	1.598975	7.292E-06	0.0143075	0.0319378	1.456E-07	0.0002858	0.0347256	1.584E-07	0.0003107
K, Dai Hung Street	RD_016	1600-1700	0.2633923	1.183E-06	0.0023209	1.6279109	7.311E-06	0.0143446	1.8913031	8.493E-06	0.0166655	0.0394795	1.773E-07	0.0003479	0.0429335	1.928E-07	0.0003783
K, Dai Hung Street	RD_016	1700-1800	0.1907318	1.205E-06	0.0023651	0.7831474	4.949E-06	0.009711	0.9738792	6.154E-06	0.012076	0.0204936	1.295E-07	0.0002541	0.0223968	1.415E-07	0.0002777
K, Dai Hung Street	RD_016	1800-1900	0.169038	9.391E-07	0.0018427	0.9803103	5.446E-06	0.0106864	1.1493484	6.385E-06	0.0125291	0.0242707	1.348E-07	0.0002646	0.0264311	1.468E-07	0.0002881
K, Dai Hung Street	RD_016	1900-2000	0.1927604	7.362E-07	0.0014446	1.9666839	7.512E-06	0.0147392	2.1594443	8.248E-06	0.0161838	0.046529	1.777E-07	0.0003487	0.0506209	1.933E-07	0.0003794
K, Dai Hung Street	RD_016	2000-2100	0.1245422	3.114E-07	0.0006109	1.5925628	3.981E-06	0.0078122	1.717105	4.293E-06	0.0084232	0.0368344	9.209E-08	0.0001807	0.0400704	1.002E-07	0.0001966
K, Dai Hung Street	RD_016	2100-2200	0.1914668	4.521E-07	0.0008871	1.9543943	4.615E-06	0.0090546	2.1458611	5.067E-06	0.0099416	0.0449078	1.06E-07	0.0002081	0.0488829	1.154E-07	0.0002265
K, Dai Hung Street	RD_016	2200-2300	0.2724918	6.308E-07	0.0012377	3.4743388	8.042E-06	0.0157808	3.7468306	8.673E-06	0.0170184	0.0830775	1.923E-07	0.0003773	0.0903759	2.092E-07	0.0004105
K, Dai Hung Street	RD_016	2300-0000	0.2045694	3.599E-07	0.0007062	3.3466379	5.888E-06	0.0115526	3.5512073	6.247E-06	0.0122587	0.0786001	1.383E-07	0.0002713	0.0854536	1.503E-07	0.000295
L, Dai Fuk Street	RD_017	0000-0100	0.1854979	2.65E-07	0.00274	3.2928266	4.705E-06	0.0486377	3.4783245	4.97E-06	0.0513777	0.0726536	1.038E-07	0.0010732	0.0790098	1.129E-07	0.001167
L, Dai Fuk Street	RD_017	0100-0200	0.283973	3.381E-07	0.0034954	4.6864327	5.58E-06	0.0576854	4.9704057	5.918E-06	0.0611808	0.1052115	1.253E-07	0.0012951	0.1144237	1.362E-07	0.0014084
L, Dai Fuk Street	RD_017	0200-0300	0.214969	9.918E-08	0.0010253	1.4026705	6.471E-07	0.0066904	1.6176395	7.463E-07	0.0077157	0.0312122	1.44E-08	0.0001489	0.033974	1.567E-08	0.0001604
L, Dai Fuk Street	RD_017	0300-0400	0.2071042	8.938E-08	0.0009241	1.6062796	6.933E-07	0.0071672	1.8133838	7.826E-07	0.0080914	0.0351003	1.515E-08	0.0001566	0.038147	1.646E-08	0.0001702
L, Dai Fuk Street	RD_017	0400-0500	0.2153117	1.442E-07	0.0014908	2.54411	1.704E-06	0.017615	2.7594218	1.848E-06	0.0191057	0.0561497	3.76E-08	0.0003888	0.0610961	4.092E-08	0.000423

L, Dai Fuk Street	RD_017	0500-0600	0.302977	6.718E-07	0.0069459	4.9213438	1.091E-05	0.1128245	5.2243207	1.158E-05	0.1197704	0.1104994	2.45E-07	0.0025333	0.1201014	2.663E-07	0.0027534
L, Dai Fuk Street	RD_017	0600-0700	0.2711533	1.199E-06	0.012391	3.1576337	1.396E-05	0.1442951	3.4287871	1.516E-05	0.156686	0.0727287	3.215E-07	0.0033235	0.0790874	3.496E-07	0.0036141
L, Dai Fuk Street	RD_017	0700-0800	0.2471252	1.221E-06	0.0126238	1.958463	9.677E-06	0.100043	2.2055882	1.09E-05	0.1126668	0.0456183	2.254E-07	0.0023303	0.0496322	2.452E-07	0.0025353
L, Dai Fuk Street	RD_017	0800-0900	0.2022224	1.324E-06	0.0136904	1.018941	6.672E-06	0.0689819	1.2211634	7.997E-06	0.0826723	0.022423	1.468E-07	0.001518	0.0243994	1.598E-07	0.0016518
L, Dai Fuk Street	RD_017	0900-1000	0.1910548	8.644E-07	0.0089364	0.996752	4.51E-06	0.0466223	1.1878068	5.374E-06	0.0555588	0.0213366	9.653E-08	0.000998	0.0231941	1.049E-07	0.0010849
L, Dai Fuk Street	RD_017	1000-1100	0.2271105	1.007E-06	0.0104133	1.0860897	4.817E-06	0.0497984	1.3132002	5.824E-06	0.0602117	0.0248181	1.101E-07	0.0011379	0.0269805	1.197E-07	0.0012371
L, Dai Fuk Street	RD_017	1100-1200	0.2343048	1.001E-06	0.0103466	1.2189884	5.207E-06	0.0538288	1.4532932	6.207E-06	0.0641754	0.0292388	1.249E-07	0.0012911	0.0318283	1.359E-07	0.0014055
L, Dai Fuk Street	RD_017	1200-1300	0.2488681	1.856E-06	0.0191841	1.0489272	7.821E-06	0.0808568	1.2977953	9.677E-06	0.1000408	0.0264367	1.971E-07	0.0020379	0.028833	2.15E-07	0.0022226
L, Dai Fuk Street	RD_017	1300-1400	0.2302781	1.148E-06	0.0118695	1.1665793	5.816E-06	0.0601302	1.3968575	6.964E-06	0.0719996	0.0277914	1.386E-07	0.0014325	0.0302616	1.509E-07	0.0015598
L, Dai Fuk Street	RD_017	1400-1500	0.2502263	1.43E-06	0.0147842	1.367086	7.813E-06	0.0807719	1.6173123	9.243E-06	0.0955561	0.0323357	1.848E-07	0.0019105	0.0351667	2.01E-07	0.0020778
L, Dai Fuk Street	RD_017	1500-1600	0.2316655	1.189E-06	0.0122974	1.1637626	5.975E-06	0.0617756	1.3954281	7.165E-06	0.074073	0.0276323	1.419E-07	0.0014668	0.0300582	1.543E-07	0.0015956
L, Dai Fuk Street	RD_017	1600-1700	0.2281338	1.151E-06	0.0118993	1.4421422	7.276E-06	0.0752214	1.6702761	8.427E-06	0.0871207	0.0343688	1.734E-07	0.0017927	0.0373884	1.886E-07	0.0019502
L, Dai Fuk Street	RD_017	1700-1800	0.1794624	1.279E-06	0.0132264	0.7404095	5.278E-06	0.0545684	0.9198719	6.557E-06	0.0677948	0.0193209	1.377E-07	0.001424	0.0211071	1.505E-07	0.0015556
L, Dai Fuk Street	RD_017	1800-1900	0.1531565	9.573E-07	0.0098973	0.8995524	5.623E-06	0.0581312	1.0527089	6.58E-06	0.0680285	0.0221705	1.386E-07	0.0014327	0.0241494	1.509E-07	0.0015606
L, Dai Fuk Street	RD_017	1900-2000	0.1688441	7.262E-07	0.0075079	1.7570494	7.557E-06	0.0781295	1.9258934	8.283E-06	0.0856374	0.0403987	1.738E-07	0.0017964	0.04396	1.891E-07	0.0019547
L, Dai Fuk Street	RD_017	2000-2100	0.1071789	3.015E-07	0.0031168	1.3894237	3.908E-06	0.0404045	1.4966025	4.21E-06	0.0435213	0.03095	8.706E-08	0.0009	0.0336632	9.469E-08	0.0009789
L, Dai Fuk Street	RD_017	2100-2200	0.161116	4.268E-07	0.0044126	1.6873775	4.47E-06	0.0462132	1.8484935	4.897E-06	0.0506257	0.0372272	9.862E-08	0.0010196	0.0405223	1.073E-07	0.0011098
L, Dai Fuk Street	RD_017	2200-2300	0.2339026	6.092E-07	0.0062981	3.0300792	7.892E-06	0.0815878	3.2639818	8.501E-06	0.0878859	0.0690396	1.798E-07	0.001859	0.0750986	1.956E-07	0.0020221
L, Dai Fuk Street	RD_017	2300-0000	0.1767986	3.499E-07	0.003618	2.8815656	5.704E-06	0.0589676	3.0583642	6.054E-06	0.0625856	0.0639076	1.265E-07	0.0013078	0.0694735	1.375E-07	0.0014217
M1, Ting Kok Road	RD_018	0000-0100	0.0579224	2.546E-07	0.0013139	0.8101545	3.561E-06	0.0183769	0.868077	3.815E-06	0.0196907	0.0173188	7.612E-08	0.0003928	0.0188535	8.286E-08	0.0004277
M1, Ting Kok Road	RD_018	0100-0200	0.1075002	2.477E-07	0.0012782	1.5697159	3.616E-06	0.0186645	1.6772161	3.864E-06	0.0199427	0.0331139	7.629E-08	0.0003937	0.0359946	8.293E-08	0.000428
M1, Ting Kok Road	RD_018	0200-0300	0.0675042	8.254E-08	0.000426	0.4289887	5.246E-07	0.0027074	0.4964929	6.071E-07	0.0031334	0.0081035	9.909E-09	5.114E-05	0.0088284	1.08E-08	5.572E-05
M1, Ting Kok Road	RD_018	0300-0400	0.1134482	1.347E-07	0.0006952	0.5615462	6.668E-07	0.0034412	0.6749944	8.015E-07	0.0041364	0.0120921	1.436E-08	7.41E-05	0.0131837	1.565E-08	8.079E-05
M1, Ting Kok Road	RD_018	0400-0500	0.1269402	1.125E-07	0.0005805	0.6626135	5.871E-07	0.0030303	0.7895537	6.996E-07	0.0036108	0.0127193	1.127E-08	5.817E-05	0.0138186	1.224E-08	6.32E-05
M1, Ting Kok Road	RD_018	0500-0600	0.139149	3.625E-07	0.0018709	1.1521386	3.001E-06	0.0154908	1.2912875	3.364E-06	0.0173617	0.0251219	6.544E-08	0.0003378	0.027355	7.126E-08	0.0003678
M1, Ting Kok Road	RD_018	0600-0700	0.0850174	7.277E-07	0.0037558	0.5901622	5.052E-06	0.0260718	0.6751797	5.779E-06	0.0298276	0.013112	1.122E-07	0.0005793	0.0143085	1.225E-07	0.0006321
M1, Ting Kok Road	RD_018	0700-0800	0.0840194	1.322E-06	0.0068241	0.4868922	7.662E-06	0.0395455	0.5709117	8.984E-06	0.0463696	0.0111641	1.757E-07	0.0009068	0.0121625	1.914E-07	0.0009878
M1, Ting Kok Road	RD_018	0800-0900	0.0818035	1.972E-06	0.0101757	0.4353605	1.049E-05	0.0541551	0.517164	1.246E-05	0.0643308	0.0101064	2.436E-07	0.0012571	0.0110032	2.652E-07	0.0013687
M1, Ting Kok Road	RD_018	0900-1000	0.0948393	1.629E-06	0.0084055	0.5123353	8.798E-06	0.0454077	0.6071745	1.043E-05	0.0538132	0.0114588	1.968E-07	0.0010156	0.0124565	2.139E-07	0.001104
M1, Ting Kok Road	RD_018	1000-1100	0.1173508	1.672E-06	0.0086297	0.6020251	8.578E-06	0.0442713	0.7193759	1.025E-05	0.052901	0.0141356	2.014E-07	0.0010395	0.0153766	2.191E-07	0.0011308
M1, Ting Kok Road	RD_018	1100-1200	0.1174701	1.572E-06	0.008112	0.6518801	8.722E-06	0.0450159	0.7693502	1.029E-05	0.0531279	0.0151384	2.026E-07	0.0010454	0.0164679	2.203E-07	0.0011372
M1, Ting Kok Road	RD_018	1200-1300	0.0999448	1.957E-06	0.0101012	0.4793135	9.386E-06	0.0484433	0.5792583	1.134E-05	0.0585445	0.0120226	2.354E-07	0.0012151	0.0131486	2.575E-07	0.0013289
M1, Ting Kok Road	RD_018	1300-1400	0.0933414	1.94E-06	0.0100144	0.4930847	1.025E-05	0.0529019	0.5864261	1.219E-05	0.0629163	0.0118493	2.463E-07	0.0012713	0.0129418	2.69E-07	0.0013885
M1, Ting Kok Road	RD_018	1400-1500	0.1040069	1.915E-06	0.0098839	0.5489853	1.011E-05	0.0521708	0.6529922	1.202E-05	0.0620548	0.0129136	2.378E-07	0.0012272	0.0140677	2.59E-07	0.0013369
M1, Ting Kok Road	RD_018	1500-1600	0.11598	1.932E-06	0.0099715	0.5430318	9.046E-06	0.0466879	0.6590117	1.098E-05	0.0566595	0.0130077	2.167E-07	0.0011184	0.0141556	2.358E-07	0.0012171
M1, Ting Kok Road	RD_018	1600-1700	0.0927479	1.703E-06	0.0087885	0.4900867	8.998E-06	0.0464392	0.5828346	1.07E-05	0.0552277	0.0115754	2.125E-07	0.0010969	0.0126133	2.316E-07	0.0011952
M1, Ting Kok Road	RD_018	1700-1800	0.0607657	1.283E-06	0.0066194	0.3736135	7.886E-06	0.0406992	0.4343791	9.168E-06	0.0473187	0.0091297	1.927E-07	0.0009945	0.0099744	2.105E-07	0.0010866
M1, Ting Kok Road	RD_018	1800-1900	0.056034	1.251E-06	0.0064576	0.4145911	9.258E-06	0.0477796	0.4706251	1.051E-05	0.0542372	0.0101598	2.269E-07	0.0011709	0.011097	2.478E-07	0.0012789
M1, Ting Kok Road	RD_018	1900-2000	0.0584264	1.05E-06	0.0054187	0.5266949	9.465E-06	0.0488482	0.5851213	1.051E-05	0.054267	0.0123982	2.228E-07	0.0011499	0.0135465	2.434E-07	0.0012564
M1, Ting Kok Road	RD_018	2000-2100	0.0488584	6.849E-07	0.0035348	0.4407514	6.178E-06	0.0318876	0.4896098	6.863E-06	0.0354224	0.0103483	1.451E-07	0.0007487	0.0112886	1.582E-07	0.0008167
M1, Ting Kok Road	RD_018	2100-2200	0.0432944	4.979E-07	0.00257	0.4478511	5.151E-06	0.0265846	0.4911455	5.649E-06	0.0291546	0.0106117	1.22E-07	0.0006299	0.011591	1.333E-07	0.000688
M1, Ting Kok Road	RD_018	2200-2300	0.0456177	4.842E-07	0.0024993	0.6214497	6.597E-06	0.0340474	0.6670674	7.081E-06	0.0365467	0.0139613	1.482E-07	0.0007649	0.0152052	1.614E-07	0.0008331
M1, Ting Kok Road	RD_018	2300-0000	0.0464175	2.698E-07	0.0013925	0.6665235	3.874E-06	0.0199959	0.712941	4.144E-06	0.0213884	0.0140076	8.142E-08	0.0004202	0.0152266	8.851E-08	0.0004568
M2, Ting Kok Road	RD_019	0000-0100	0.0362542	1.782E-07	0.0007389	0.4840762	2.379E-06	0.0098661	0.5203304	2.557E-06	0.010605	0.0097112	4.773E-08	0.0001979	0.0105807	5.2E-08	0.0002156
M2, Ting Kok Road	RD_019	0100-0200	0.0671335	1.807E-07	0.0007496	0.8959752	2.412E-06	0.010004	0.9631087	2.593E-06	0.0107535	0.0183641	4.944E-08	0.000205	0.0199764	5.378E-08	0.000223
M2, Ting Kok Road	RD_019	0200-0300	0.062909	9.275E-08	0.0003847	0.5180372	7.638E-07	0.0031675	0.5809463	8.565E-07	0.0035521	0.0097657	1.44E-08	5.971E-05	0.0106633	1.572E-08	6.52E-05
M2, Ting Kok Road	RD_019	0300-0400	0.1118568	1.195E-07	0.0004956	0.5098053	5.447E-07	0.0022588	0.6216621	6.642E-07	0.0027544	0.0098429	1.052E-08	4.361E-05	0.0106963	1.143E-08	4.739E-05
M2, Ting Kok Road	RD_019	0400-0500	0.0830835	1.26E-07	0.0005227	0.9257258	1.404E-06	0.0058243	1.0088094	1.53E-06	0.0063471	0.0178224	2.704E-08	0.0001121	0.0193934	2.942E-08	0.000122
M2, Ting Kok Road	RD_019	0500-0600	0.1266645	4.926E-07	0.0020428	1.5853014	6.165E-06	0.0255675	1.7119659	6.658E-06	0.0276103	0.0341393	1.328E-07	0.0005506	0.0371053	1.443E-07	0.0005984
M2, Ting Kok Road	RD_019	0600-0700	0.1143502	1.28E-06	0.0053097	1.0853065	1.215E-05	0.0503952	1.1996567	1.343E-05	0.0557049	0.0235006	2.631E-07	0.0010912	0.0255684	2.863E-07	0.0011872
M2, Ting Kok Road	RD_019	0700-0800	0.0711809	1.965E-06	0.0081495	0.5362522	1.48E-05	0.0613955	0.6074331	1.677E-05	0.0695451	0.0121324	3.349E-07	0.001389	0.0131925	3.642E-07	0.0015104
M2, Ting Kok Road	RD_019	0800-0900	0.0719512	2.106E-06	0.008735	0.453279	1.327E-05	0.055029	0.5252302	1.538E-05	0.063764	0.0095269	2.789E-07	0.0011566	0.0103685	3.035E-07	0.0012588
M2, Ting Kok Road	RD_019	0900-1000	0.0871424	1.964E-06	0.0081468	0.5303823	1.196E-05	0.0495846	0.6175247	1.392E-05	0.0577314	0.0114177	2.574E-07	0.0010674	0.0124265	2.801E-07	0.0011617
M2, Ting Kok Road	RD_019	1000-1100	0.1192476	2.189E-06	0.0090771	0.5687724	1.044E-05	0.0432949	0.68802	1.263E-05	0.052372	0.0131186	2.408E-07	0.0009986	0.0142741	2.62E-07	0.0010865
M2, Ting Kok Road	RD_019	1100-1200	0.1210714	2.204E-06	0.0091408	0.5961209	1.085E-05	0.0450069	0.7171923	1.306E-05	0.0541478	0.0142455	2.593E-07	0.0010755	0.0155017	2.822E-07	0.0011704
M2, Ting Kok Road	RD_019	1200-1300	0.0976087	2.413E-06	0.0100075	0.4771672	1.18E-05	0.0489226	0.5747758	1.421E-05	0.0589301	0.0117909	2.915E-07	0.0012089	0.0128821	3.185E-07	0.0013208
M2, Ting Kok Road	RD_019	1300-1400	0.0858418	1.887E-06	0.0078274	0.4895313	1.076E-05	0.0446376	0.5753731	1.265E-05	0.0524651	0.0114916	2.527E-07	0.0010479	0.0125582	2.761E-07	0.0011451
M2, Ting Kok Road	RD_019	1400-1500	0.117321	2.166E-06	0.0089825	0.6067261	1.12E-05	0.0464528	0.7240471	1.337E-05	0.0554352	0.0141374	2.61E-07	0.0010824	0.0153776	2.839E-07	0.0011774
M2, Ting Kok Road	RD_019	1500-1600	0.1103694	2.038E-06	0.0084502	0.5873458	1.084E-05	0.044969	0.6977152	1.288E-05	0.0534192	0.0135817	2.507E-07	0.0010399	0.0147785	2.728E-07	0.0011315
M2, Ting Kok Road	RD_019	1600-1700	0.0945206	2.024E-06	0.0083927	0.5416795	1.16E-05	0.0480967	0.6362001	1.362E-05	0.0564894	0.0129462	2.772E-07	0.0011495	0.0141086	3.021E-07	0.0012527
M2, Ting Kok Road	RD_019	1700-1800	0.079251	2.079E-06	0.008624	0.3993209	1.048E-05	0.0434536	0.478572	1.256E-05	0.0520776	0.0101297	2.658E-07	0.0011023	0.0110686	2.904E-07	0.0012045
M2, Ting Kok Road	RD_019	1800-1900	0.0575306	1.475E-06	0.0061177	0.3305335	8.475E-06	0.0351481	0.3880641	9.95E-06	0.0412658	0.0081686	2.095E-07	0.0008686	0.0089416	2.293E-07	0.0009508
M2, Ting Kok Road	RD_019	1900-2000	0.0561358	9.608E-07	0.0039845	0.3951019	6.762E-06	0.0280444	0.4512377	7.723E-06	0.032029	0.0093462	1.6E-07	0.0006634	0.0102374	1.752E-07	0.0007267
M2, Ting Kok Road	RD_019	2000-2100	0.0431461	5.098E-07	0.0021143	0.3499194	4.135E-06	0.0171474	0.3930654	4.645E-06	0.0192617	0.0083875	9.911E-08	0.000411	0.0091992	1.087E-07	0.0004508
M2, Ting Kok Road	RD_019	2100-2200	0.0484734	5.531E-07	0.0022938	0.3784073	4.318E-06	0.0179063	0.4268807	4.871E-06	0.0202001	0.0083391	9.515E-08	0.0003946	0.0091184	1.04E-07	0.0004315
M2, Ting Kok Road	RD_019	2200-2300	0.0466512	4.276E-07	0.0017735	0.3955871	3.626E-06	0.0150385	0.4422383	4.054E-06	0.016812	0.008707	7.981E-08	0.000331	0.0095146	8.722E-08	0.0003617
M2, Ting Kok Road	RD_019	2300-0000	0.0484064	3.279E-07	0.0013598	0.5292351	3.585E-06	0.0148667	0.5776415	3.913E-06	0.0162264	0.0110177	7.463E-08	0.0003095	0.0119829	8.117E-08	0.0003366
N1, Yuen Shin Road	RD_020	0000-0100	0.0306993	1.889E-07	0.0008378	0.4723168	2.906E-06	0.0128895	0.5030161	3.095E-06	0.0137273	0.0104746	6.445E-08	0.0002859	0.0114103	7.021E-08	0.0003114
N1, Yuen Shin Road	RD_020	0100-0200	0.0410547	1E-07	0.0004437	0.5929207	1.445E-06	0.0064087	0.6339754	1.545E-06	0.0068524	0.0119407	2.91E-08	0.0001291	0.0129792	3.163E-08	0.0001403
N1, Yuen Shin Road	RD_020	0200-0300	0.0450891	5.533E-08	0.0002454	0.2491535	3.057E-07	0.0013561	0.2942426	3.611E-07	0.0016015	0.0044226	5.427E-09	2.407E-05	0.0048195	5.914E-09	2.623E-05
N1, Yuen Shin Road	RD_020	0300-0400	0.0410876	3.409E-08	0.0001512	0.2606018	2.162E-07	0.0009589	0.3016894	2.503E-07	0.0011101	0.0042702	3.543E-09	1.571E-05	0.0046698	3.874E-09	1.718E-05
N1, Yuen Shin Road	RD_020	0400-0500	0.0746374	6.192E-08	0.0002746	0.7432635	6.166E-07	0.0027349	0.8179009	6.785E-07	0.0030095	0.0146799	1.218E-08	5.402E-05	0.015945	1.323E-08	5.867E-05
N1, Yuen Shin Road	RD_020	0500-0600	0.0672576	1.255E-07	0.0005568	0.665915	1.243E-06	0.0055131	0.7331725	1.369E-06	0.0060699	0.0141078	2.633E-08	0.0001168	0.0153396	2.863E-08	0.000127
N1, Yuen Shin Road	RD_020	0600-0700	0.0444415	1.536E-07	0.0006814	0.2617689	9.048E-07	0.0040133	0.3062105	1.058E-06	0.0046946	0.0056487	1.953E-08	8.66E-05	0.0061998	2.143E-08	9.505E-05
N1, Yuen Shin Road	RD_020	0700-0800	0.0577904	5.743E-07	0.0025473	0.3409023	3.388E-06	0.0150262	0.3986927	3.962E-06	0.0175735	0.0080417	7.992E-08	0.0003545	0.008785	8.73E-08	0.0003872
N1, Yuen Shin Road	RD_020	0800-0900	0.0560686	8.625E-07	0.0038253	0.3111502	4.786E-06	0.0212282	0.3672188	5.649E-06	0.0250534	0.0070669	1.087E-07	0.0004821	0.0077092	1.186E-07	0.000526
N1, Yuen Shin Road	RD_020	0900-1000	0.0913259	1.176E-06	0.0052156	0.4978959	6.411E-06	0.0284346	0.5892218	7.587E-06	0.0336502	0.0115304	1.485E-07	0.0006585	0.0125533	1.616E-07	0.0007169
N1, Yuen Shin Road	RD_020	1000-1100	0.1150223	1.048E-06	0.0046467	0.4974058	4.531E-06	0.0200943	0.6124281	5.578E-06	0.024741	0.0117483	1.07E-07	0.0004746	0.0128027	1.166E-07	0.0005172
N1, Yuen Shin Road	RD_020	1100-1200	0.1001771	9.384E-07	0.0041622	0.462534	4.333E-06	0.0192174	0.5627111	5.271E-06	0.0233796	0.0111729	1.047E-07	0.0004642	0.01216	1.139E-07	0.0005052
N1, Yuen Shin Road	RD_020	1200-1300	0.0893613	8.247E-07	0.003658	0.374365	3.455E-06	0.0153246	0.4637263	4.28E-06	0.0189826	0.0093966	8.672E-08	0.0003846	0.0102437	9.454E-08	0.0004193
N1, Yuen Shin Road	RD_020	1300-1400	0.0885106	1.089E-06	0.0048309	0.3432347	4.224E-06	0.0187337	0.4317454	5.313E-06	0.0235646	0.008625	1.061E-07	0.0004708	0.009386	1.155E-07	0.0005123
N1, Yuen Shin Road	RD_020	1400-1500	0.0908075	9.479E-07	0.0042045	0.3565949	3.723E-06	0.0165107	0.4474023	4.67E-06	0.0207151	0.0089246	9.317E-08	0.0004132	0.0097119	1.014E-07	0.0004497
N1, Yuen Shin Road	RD_020	1500-1600	0.0842199	8.734E-07	0.0038736	0.3293151	3.415E-06	0.0151466	0.4135349	4.288E-06	0.0190202	0.0082691	8.575E-08	0.0003803	0.0090046	9.338E-08	0.0004142
N1, Yuen Shin Road	RD_020	1600-1700	0.0724015	8.484E-07	0.003763	0.2955848	3.464E-06	0.0153626	0.3679863	4.312E-06	0.0191255	0.0073968	8.668E-08	0.0003844	0.0080551	9.439E-08	0.0004187
N1, Yuen Shin Road	RD_020	1700-1800	0.0530266	7.378E-07	0.0032722	0.2349572	3.269E-06	0.014499	0.2879838	4.007E-06	0.0177712	0.0062646	8.716E-08	0.0003866	0.0068495	9.53E-08	0.0004227
N1, Yuen Shin Road	RD_020	1800-1900	0.034838	5.78E-07	0.0025638	0.1857981	3.083E-06	0.013673	0.220636	3.661E-06	0.0162368	0.0051092	8.477E-08	0.0003376	0.0055824	9.262E-08	0.0004108
N1, Yuen Shin Road	RD_020	1900-2000	0.0288132	4.079E-07	0.001809	0.2136269	3.024E-06	0.013412	0.2424401	3.432E-06	0.0152209	0.0057334	8.116E-08	0.00036	0.0062615	8.863E-08	0.0003931
N1, Yuen Shin Road	RD_020	2000-2100	0.0273974	2.604E-07	0.0011551	0.1611442	1.532E-06	0.0067941	0.1885417	1.792E-06	0.0079492	0.0046258	4.397E-08	0.000195	0.0050625	4.812E-08	0.0002134
N1, Yuen Shin Road	RD_020	2100-2200	0.0222164	1.989E-07	0.0008822	0.1674455	1.499E-06	0.006649	0.1896619	1.698E-06	0.0075312	0.0045522	4.076E-08	0.0001808	0.0049955	4.472E-08	0.0001984
N1, Yuen Shin Road	RD_020	2200-2300	0.0266485	2.174E-07	0.0009642	0.2750805	2.244E-06	0.009953	0.301729	2.461E-06	0.0109172	0.0064379	5.252E-08	0.0002329	0.007034	5.738E-08	0.0002545
N1, Yuen Shin Road	RD_020	2300-0000	0.026607	1.531E-07	0.0006792	0.3375087	1.942E-06	0.0086155	0.3641157	2.096E-06	0.0092947	0.0077278	4.448E-08	0.0001973	0.0084264	4.85E-08	0.0002151
N2, Yuen Shin Road	RD_021	0000-0100	0.0380131	1.746E-07	0.000629	0.3428681	1.575E-06	0.0056738	0.3808812	1.75E-06	0.0063029	0.0077044	3.539E-08	0.0001275	0.0084066	3.862E-08	0.0001391
N2, Yuen Shin Road	RD_021	0100-0200	0.0503935	1.314E-07	0.0004732	0.4944809	1.289E-06	0.0046432	0.5448744	1.42E-06	0.0051164	0.0096589	2.518E-08	9.07E-05	0.0104857	2.733E-08	9.846E-05
N2, Yuen Shin Road	RD_021	0200-0300	0.0927221	1.347E-07	0.0004853	0.398098	5.784E-07	0.0020836	0.4908201	7.132E-07	0.0025689	0.0087179	1.267E-08	4.563E-05	0.0095008	1.38E-08	4.973E-05
N2, Yuen Shin Road	RD_021	0300-0400	0.0911588	1.441E-07	0.0005192	0.6424349	1.016E-06	0.0036591	0.7335937	1.16E-06	0.0041783	0.0148499	2.348E-08	8.458E-05	0.0163804	2.59E-08	9.33E-05
N2, Yuen Shin Road	RD_021	0400-0500	0.1714412	1.868E-07	0.000673	1.2004056	1.308E-06	0.0047121	1.3718469	1.495E-06	0.005385	0.0260569	2.84E-08	0.0001023	0.0283486	3.089E-08	0.0001113
N2, Yuen Shin Road	RD_021	0500-0600	0.1703629	7.317E-07	0.0026356	1.9044216	8.179E-06	0.0294626	2.0747845	8.911E-06	0.0320982	0.0419749	1.803E-07	0.0006494	0.0456398	1.96E-07	0.0007061
N2, Yuen Shin Road	RD_021	0600-0700	0.0598111	1.08E-06	0.00389	0.602168	1.087E-05	0.0391639	0.6619791	1.195E-05	0.0430539	0.0142335	2.57E-07	0.0009257	0.015497	2.798E-07	0.0010079

N2, Yuen Shin Road	RD_021	0700-0800	0.0418934	1.439E-06	0.0051817	0.2685004	9.22E-06	0.0332103	0.3103938	1.066E-05	0.038392	0.0070217	2.411E-07	0.0008685	0.0076537	2.628E-07	0.0009467
N2, Yuen Shin Road	RD_021	0800-0900	0.0638211	1.732E-06	0.0062385	0.3130688	8.496E-06	0.0306024	0.3768899	1.023E-05	0.0368409	0.0080662	2.189E-07	0.0007885	0.0088055	2.39E-07	0.0008607
N2, Yuen Shin Road	RD_021	0900-1000	0.0697997	1.59E-06	0.0057269	0.2939091	6.695E-06	0.0241147	0.3637088	8.284E-06	0.0298417	0.0072204	1.645E-07	0.0005924	0.0078897	1.797E-07	0.0006473
N2, Yuen Shin Road	RD_021	1000-1100	0.0877373	1.779E-06	0.0064086	0.3616188	7.333E-06	0.0264137	0.4493561	9.112E-06	0.0328223	0.0090216	1.829E-07	0.000659	0.0098223	1.992E-07	0.0007174
N2, Yuen Shin Road	RD_021	1100-1200	0.0800528	1.558E-06	0.0056131	0.3374453	6.569E-06	0.023661	0.4174981	8.127E-06	0.0292742	0.0086969	1.693E-07	0.0006098	0.0094817	1.846E-07	0.0006648
N2, Yuen Shin Road	RD_021	1200-1300	0.0792483	1.548E-06	0.005575	0.3227763	6.304E-06	0.022707	0.4020247	7.852E-06	0.028282	0.0082685	1.615E-07	0.0005817	0.0090089	1.759E-07	0.0006338
N2, Yuen Shin Road	RD_021	1300-1400	0.0890293	1.642E-06	0.0059136	0.3592115	6.624E-06	0.0238601	0.4482408	8.266E-06	0.0297738	0.0090768	1.674E-07	0.0006029	0.0098823	1.822E-07	0.0006564
N2, Yuen Shin Road	RD_021	1400-1500	0.0931184	1.916E-06	0.006902	0.3990552	8.211E-06	0.0295782	0.4921737	1.013E-05	0.0364801	0.0096863	1.993E-07	0.0007179	0.0105264	2.166E-07	0.0007802
N2, Yuen Shin Road	RD_021	1500-1600	0.0853454	1.654E-06	0.005958	0.3874715	7.509E-06	0.0270495	0.4728169	9.163E-06	0.0330075	0.0096373	1.868E-07	0.0006728	0.0104853	2.032E-07	0.000732
N2, Yuen Shin Road	RD_021	1600-1700	0.0828327	1.756E-06	0.0063245	0.4521094	9.583E-06	0.0345197	0.5349421	1.134E-05	0.0408442	0.0111538	2.364E-07	0.0008516	0.0121462	2.575E-07	0.0009274
N2, Yuen Shin Road	RD_021	1700-1800	0.0496897	1.263E-06	0.0045512	0.2514199	6.393E-06	0.0230281	0.3011096	7.656E-06	0.0275793	0.006726	1.71E-07	0.000616	0.0073882	1.879E-07	0.0006767
N2, Yuen Shin Road	RD_021	1800-1900	0.0347964	7.435E-07	0.0026782	0.2093905	4.474E-06	0.0161164	0.2441869	5.218E-06	0.0187947	0.0059077	1.262E-07	0.0004547	0.0064843	1.386E-07	0.0004991
N2, Yuen Shin Road	RD_021	1900-2000	0.0429434	5.863E-07	0.0021121	0.2541373	3.47E-06	0.0124992	0.2970807	4.056E-06	0.0146112	0.0065019	8.878E-08	0.0003198	0.00711	9.708E-08	0.0003497
N2, Yuen Shin Road	RD_021	2000-2100	0.0370453	3.578E-07	0.0012888	0.2912563	2.813E-06	0.0101327	0.3283015	3.171E-06	0.0114215	0.0070249	6.785E-08	0.0002444	0.007669	7.407E-08	0.0002668
N2, Yuen Shin Road	RD_021	2100-2200	0.0430431	3.431E-07	0.0012357	0.2783174	2.218E-06	0.0079903	0.3213605	2.561E-06	0.009226	0.0069479	5.538E-08	0.0001995	0.0075726	6.035E-08	0.0002174
N2, Yuen Shin Road	RD_021	2200-2300	0.054716	4.688E-07	0.0016888	0.4310791	3.694E-06	0.0133049	0.4857951	4.162E-06	0.0149937	0.009585	8.213E-08	0.0002958	0.0104528	8.956E-08	0.0003226
N2, Yuen Shin Road	RD_021	2300-0000	0.0280041	1.693E-07	0.00061	0.3108274	1.88E-06	0.0067705	0.3388314	2.049E-06	0.0073804	0.0062779	3.796E-08	0.0001367	0.0068252	4.127E-08	0.0001487
P1, Dai Wah Street	RD_022	0000-0100	0.1773196	1.431E-07	0.0004435	3.0401019	2.454E-06	0.0076032	3.2174214	2.597E-06	0.0080466	0.0663622	5.356E-08	0.000166	0.0721494	5.823E-08	0.0001804
P1, Dai Wah Street	RD_022	0100-0200	0.2759826	2.227E-07	0.0006902	4.4691307	3.607E-06	0.0111771	4.7451133	3.83E-06	0.0118673	0.0993394	8.018E-08	0.0002484	0.1079889	8.716E-08	0.0002701
P1, Dai Wah Street	RD_022	0200-0300	0.2085744	1.683E-07	0.0005216	1.3753046	1.11E-06	0.0034396	1.583879	1.278E-06	0.0039612	0.0304722	2.459E-08	7.621E-05	0.0331499	2.675E-08	8.291E-05
P1, Dai Wah Street	RD_022	0300-0400	0.2089534	1.686E-07	0.0005226	1.7254141	1.393E-06	0.0043152	1.9343675	1.561E-06	0.0048378	0.0378982	3.059E-08	9.478E-05	0.04119	3.324E-08	0.000103
P1, Dai Wah Street	RD_022	0400-0500	0.2005575	1.619E-07	0.0005016	2.204523	1.779E-06	0.0055134	2.4050804	1.941E-06	0.006015	0.0482549	3.895E-08	0.0001207	0.0524832	4.236E-08	0.0001313
P1, Dai Wah Street	RD_022	0500-0600	0.2712374	2.189E-07	0.0006784	4.2931578	3.465E-06	0.010737	4.5643952	3.684E-06	0.0114154	0.094006	7.587E-08	0.0002351	0.1021543	8.245E-08	0.0002555
P1, Dai Wah Street	RD_022	0600-0700	0.2346744	5.682E-07	0.0017607	2.5228562	6.109E-06	0.0189287	2.7575307	6.677E-06	0.0206894	0.0555958	1.346E-07	0.0004171	0.0604403	1.463E-07	0.0004535
P1, Dai Wah Street	RD_022	0700-0800	0.210383	1.019E-06	0.003157	1.3663101	6.616E-06	0.0205025	1.5766931	7.635E-06	0.0236595	0.0308059	1.492E-07	0.0004623	0.0335445	1.624E-07	0.0005034
P1, Dai Wah Street	RD_022	0800-0900	0.1699882	6.86E-07	0.0021257	0.8772342	3.54E-06	0.0109696	1.0472224	4.226E-06	0.0130953	0.0189537	7.649E-08	0.000237	0.0206069	8.316E-08	0.0002577
P1, Dai Wah Street	RD_022	0900-1000	0.1538028	6.207E-07	0.0019233	0.6985029	2.819E-06	0.0087346	0.8523057	3.439E-06	0.0106579	0.0140691	5.678E-08	0.0001759	0.0153043	6.176E-08	0.0001914
P1, Dai Wah Street	RD_022	1000-1100	0.2049368	6.616E-07	0.0020502	1.0437777	3.37E-06	0.0104418	1.2487144	4.031E-06	0.0124919	0.0233244	7.53E-08	0.0002333	0.0253463	8.183E-08	0.0002536
P1, Dai Wah Street	RD_022	1100-1200	0.2137007	6.899E-07	0.0021378	1.1193291	3.614E-06	0.0111976	1.3330298	4.303E-06	0.0133354	0.0261488	8.442E-08	0.0002616	0.0284375	9.181E-08	0.0002845
P1, Dai Wah Street	RD_022	1200-1300	0.1973522	4.551E-07	0.0014102	0.8427164	1.943E-06	0.0060217	1.0400686	2.398E-06	0.0074319	0.0200425	4.622E-08	0.0001432	0.0218651	5.042E-08	0.0001562
P1, Dai Wah Street	RD_022	1300-1400	0.1951036	5.624E-07	0.0017427	1.0138417	2.922E-06	0.0090556	1.2089453	3.485E-06	0.0107983	0.0233243	6.723E-08	0.0002083	0.0253817	7.316E-08	0.0002267
P1, Dai Wah Street	RD_022	1400-1500	0.2094109	4.829E-07	0.0014964	1.1663356	2.69E-06	0.0083342	1.3757465	3.172E-06	0.0098305	0.0261818	6.037E-08	0.0001871	0.0284777	6.567E-08	0.0002035
P1, Dai Wah Street	RD_022	1500-1600	0.2206796	5.089E-07	0.0015769	1.0784037	2.487E-06	0.0077058	1.2990833	2.996E-06	0.0092827	0.0247352	5.704E-08	0.0001767	0.0269122	6.206E-08	0.0001923
P1, Dai Wah Street	RD_022	1600-1700	0.200651	4.627E-07	0.0014338	1.2827585	2.958E-06	0.0091661	1.4834095	3.421E-06	0.0105999	0.0292013	6.734E-08	0.0002087	0.0317666	7.325E-08	0.000227
P1, Dai Wah Street	RD_022	1700-1800	0.1452381	3.349E-07	0.0010378	0.6518107	1.503E-06	0.0046576	0.7970488	1.838E-06	0.0056954	0.0160787	3.708E-08	0.0001149	0.0175545	4.048E-08	0.0001254
P1, Dai Wah Street	RD_022	1800-1900	0.1442686	4.158E-07	0.0012886	0.8661542	2.497E-06	0.0077365	1.0104228	2.913E-06	0.0090251	0.0202644	5.841E-08	0.000181	0.0220589	6.358E-08	0.000197
P1, Dai Wah Street	RD_022	1900-2000	0.1308001	3.016E-07	0.0009346	1.3131499	3.028E-06	0.0093832	1.44395	3.33E-06	0.0103179	0.0289326	6.672E-08	0.0002067	0.0314951	7.263E-08	0.0002251
P1, Dai Wah Street	RD_022	2000-2100	0.114242	1.976E-07	0.0006122	1.4118348	2.442E-06	0.0075663	1.5260767	2.639E-06	0.0081786	0.0309057	5.345E-08	0.0001656	0.0336243	5.815E-08	0.0001802
P1, Dai Wah Street	RD_022	2100-2200	0.1935185	3.347E-07	0.0010371	2.7620078	4.777E-06	0.0148022	2.9555263	5.112E-06	0.0158393	0.0622434	1.076E-07	0.0003336	0.0677668	1.172E-07	0.0003632
P1, Dai Wah Street	RD_022	2200-2300	0.2335235	4.039E-07	0.0012515	3.1986597	5.532E-06	0.0171423	3.4321832	5.936E-06	0.0183938	0.0713958	1.235E-07	0.0003826	0.0776516	1.343E-07	0.0004162
P1, Dai Wah Street	RD_022	2300-0000	0.2295426	2.647E-07	0.0008201	3.4694394	4E-06	0.0123956	3.698082	4.265E-06	0.0132157	0.0766691	8.84E-08	0.0002739	0.0833753	9.613E-08	0.0002979
P2, Dai Wah Street	RD_023	0000-0100	0.1758532	7.233E-09	2.298E-05	2.9312216	1.206E-07	0.0003831	3.1070748	1.278E-07	0.0004061	0.0640124	2.633E-09	8.366E-06	0.0695982	2.863E-09	9.096E-06
P2, Dai Wah Street	RD_023	0100-0200	0.277063	1.14E-08	3.621E-05	4.2019064	1.728E-07	0.0005492	4.4789695	1.842E-07	0.0005854	0.0936482	3.852E-09	1.224E-05	0.1018057	4.187E-09	1.331E-05
P2, Dai Wah Street	RD_023	0200-0300	0.2085744	8.579E-09	2.726E-05	1.3753046	5.657E-08	0.0001797	1.583879	6.515E-08	0.000207	0.0304722	1.253E-09	3.983E-06	0.0331499	1.363E-09	4.333E-06
P2, Dai Wah Street	RD_023	0300-0400	0.2232398	9.182E-09	2.918E-05	1.6612212	6.833E-08	0.0002171	1.884461	7.751E-08	0.0002463	0.0364869	1.501E-09	4.769E-06	0.039659	1.631E-09	5.183E-06
P2, Dai Wah Street	RD_023	0400-0500	0.2060738	8.476E-09	2.693E-05	2.1101909	8.679E-08	0.0002758	2.3162647	9.527E-08	0.0003027	0.0462678	1.903E-09	6.047E-06	0.0503247	2.07E-09	6.577E-06
P2, Dai Wah Street	RD_023	0500-0600	0.2965305	1.22E-08	3.876E-05	4.3226506	1.778E-07	0.000565	4.619181	1.9E-07	0.0006037	0.0951109	3.912E-09	1.243E-05	0.103353	4.251E-09	1.351E-05
P2, Dai Wah Street	RD_023	0600-0700	0.2480978	3.061E-08	9.728E-05	2.572798	3.175E-07	0.0010088	2.8208958	3.481E-07	0.001106	0.0567666	7.005E-09	2.226E-05	0.0616968	7.613E-09	2.419E-05
P2, Dai Wah Street	RD_023	0700-0800	0.2656162	6.555E-08	0.0002083	1.5121522	3.732E-07	0.0011858	1.7777684	4.387E-07	0.0013941	0.0341546	8.429E-09	2.678E-05	0.0371542	9.169E-09	2.914E-05
P2, Dai Wah Street	RD_023	0800-0900	0.1806464	3.715E-08	0.000118	0.9140649	1.88E-07	0.0005973	1.0947113	2.251E-07	0.0007154	0.0198128	4.075E-09	1.295E-05	0.0215377	4.429E-09	1.407E-05
P2, Dai Wah Street	RD_023	0900-1000	0.1577066	3.243E-08	0.0001031	0.7100879	1.46E-07	0.000464	0.8677945	1.785E-07	0.0005671	0.0141648	2.913E-09	9.256E-06	0.0154072	3.169E-09	1.007E-05
P2, Dai Wah Street	RD_023	1000-1100	0.2012072	3.31E-08	0.0001052	1.0266853	1.689E-07	0.0005367	1.2278925	2.02E-07	0.0006419	0.0228215	3.755E-09	1.193E-05	0.0247929	4.079E-09	1.296E-05
P2, Dai Wah Street	RD_023	1100-1200	0.2098317	3.452E-08	0.0001097	1.1014294	1.812E-07	0.0005758	1.311261	2.157E-07	0.0006855	0.025592	4.211E-09	1.338E-05	0.0278269	4.578E-09	1.455E-05
P2, Dai Wah Street	RD_023	1200-1300	0.2010451	1.323E-07	0.0004204	0.8531316	5.614E-07	0.001784	1.0541767	6.938E-07	0.0022044	0.0207436	1.365E-08	4.338E-05	0.0226034	1.488E-08	4.727E-05
P2, Dai Wah Street	RD_023	1300-1400	0.2367914	1.753E-07	0.0005571	1.1452627	8.479E-07	0.0026943	1.3820541	1.023E-06	0.0032513	0.0265555	1.966E-08	6.247E-05	0.028877	2.138E-08	6.793E-05
P2, Dai Wah Street	RD_023	1400-1500	0.2075758	1.366E-07	0.0004341	1.1573231	7.616E-07	0.0024201	1.3648989	8.982E-07	0.0028542	0.025912	1.705E-08	5.419E-05	0.0281616	1.853E-08	5.889E-05
P2, Dai Wah Street	RD_023	1500-1600	0.2186919	1.349E-07	0.0004287	1.0697965	6.6E-07	0.0020973	1.2884884	7.95E-07	0.002526	0.0244825	1.51E-08	4.8E-05	0.0266077	1.642E-08	5.216E-05
P2, Dai Wah Street	RD_023	1600-1700	0.2160058	1.422E-07	0.0004517	1.3272009	8.734E-07	0.0027754	1.5432067	1.016E-06	0.0032271	0.030188	1.987E-08	6.313E-05	0.0328187	2.16E-08	6.863E-05
P2, Dai Wah Street	RD_023	1700-1800	0.1853295	1.143E-07	0.0003633	0.843763	5.206E-07	0.0016542	1.0290924	6.349E-07	0.0020175	0.0203285	1.254E-08	3.985E-05	0.0221513	1.367E-08	4.343E-05
P2, Dai Wah Street	RD_023	1800-1900	0.1722731	1.063E-07	0.0003377	0.9534662	5.883E-07	0.0018692	1.1257393	6.945E-07	0.002207	0.0221638	1.367E-08	4.345E-05	0.0241283	1.489E-08	4.73E-05
P2, Dai Wah Street	RD_023	1900-2000	0.1644994	1.015E-07	0.0003225	1.2007726	7.408E-07	0.0023541	1.3652721	8.423E-07	0.0026765	0.0271181	1.673E-08	5.316E-05	0.0295033	1.82E-08	5.784E-05
P2, Dai Wah Street	RD_023	2000-2100	0.1307227	5.914E-08	0.0001879	1.4596865	6.604E-07	0.0020985	1.5904092	7.196E-07	0.0022865	0.0319265	1.444E-08	4.59E-05	0.0347139	1.571E-08	4.991E-05
P2, Dai Wah Street	RD_023	2100-2200	0.196562	7.681E-08	0.0002441	2.6398223	1.032E-06	0.0032777	2.8363843	1.108E-06	0.0035217	0.0594069	2.321E-08	7.376E-05	0.0646589	2.527E-08	8.028E-05
P2, Dai Wah Street	RD_023	2200-2300	0.231948	8.109E-08	0.0002577	3.1779701	1.111E-06	0.0035305	3.4099181	1.192E-06	0.0037882	0.0706708	2.471E-08	7.851E-05	0.0768353	2.686E-08	8.536E-05
P2, Dai Wah Street	RD_023	2300-0000	0.2350373	5.317E-08	0.000169	3.3009522	7.467E-07	0.0023728	3.5359896	7.999E-07	0.0025418	0.0729514	1.65E-08	5.244E-05	0.079316	1.794E-08	5.701E-05
Q, Roads to Fu Tip Estate	RD_024	0000-0100	0.1828023	8.75E-07	0.0127273	3.2739747	1.567E-05	0.2279456	3.4567771	1.655E-05	0.2406729	0.0718667	3.44E-07	0.0050036	0.0781629	3.741E-07	0.005442
Q, Roads to Fu Tip Estate	RD_024	0100-0200	0.2780847	6.299E-07	0.009162	4.5566596	1.032E-05	0.1501275	4.8347443	1.095E-05	0.1592895	0.1012781	2.294E-07	0.0033368	0.110094	2.494E-07	0.0036273
Q, Roads to Fu Tip Estate	RD_024	0200-0300	0.2162194	2.495E-07	0.0036291	1.3551739	1.564E-06	0.0227456	1.5713932	1.813E-06	0.0263746	0.0300254	3.464E-08	0.000504	0.0326688	3.769E-08	0.0005483
Q, Roads to Fu Tip Estate	RD_024	0300-0400	0.2039404	2.353E-07	0.003423	1.5475972	1.786E-06	0.0259752	1.7515376	2.021E-06	0.0293982	0.033605	3.878E-08	0.000564	0.0365226	4.214E-08	0.000613
Q, Roads to Fu Tip Estate	RD_024	0400-0500	0.2028647	1.864E-07	0.0027113	2.4461768	2.248E-06	0.0326937	2.6490415	2.434E-06	0.035405	0.0534948	4.915E-08	0.000715	0.0582005	5.347E-08	0.0007779
Q, Roads to Fu Tip Estate	RD_024	0500-0600	0.286507	8.448E-07	0.0122892	4.7154523	1.39E-05	0.2022602	5.0019594	1.475E-05	0.2145493	0.1040179	3.067E-07	0.0044616	0.1130763	3.334E-07	0.0048502
Q, Roads to Fu Tip Estate	RD_024	0600-0700	0.2469967	2.312E-06	0.0336258	2.9563446	2.767E-05	0.4024733	3.2033414	2.998E-05	0.4360991	0.0661963	6.195E-07	0.0090119	0.0719845	6.737E-07	0.0097999
Q, Roads to Fu Tip Estate	RD_024	0700-0800	0.2165712	4.294E-06	0.0624678	1.8513997	3.671E-05	0.5340182	2.0679709	4.101E-05	0.596486	0.0431259	8.551E-07	0.0124392	0.0469226	9.304E-07	0.0135344
Q, Roads to Fu Tip Estate	RD_024	0800-0900	0.1783696	3.049E-06	0.0443526	0.9154035	1.565E-05	0.22762	1.0937731	1.87E-05	0.2719726	0.0197888	3.383E-07	0.0049206	0.0215333	3.681E-07	0.0053544
Q, Roads to Fu Tip Estate	RD_024	0900-1000	0.173023	3.076E-06	0.044744	0.7764438	1.38E-05	0.2007896	0.9494669	1.688E-05	0.2455336	0.015658	2.784E-07	0.0040492	0.0170155	3.025E-07	0.0044002
Q, Roads to Fu Tip Estate	RD_024	1000-1100	0.2180976	3.132E-06	0.0455542	1.1036351	1.585E-05	0.2305168	1.3217327	1.898E-05	0.276071	0.0247003	3.547E-07	0.0051592	0.0268447	3.855E-07	0.0056071
Q, Roads to Fu Tip Estate	RD_024	1100-1200	0.2326911	3.291E-06	0.0478791	1.217027	1.722E-05	0.2504183	1.4497181	2.051E-05	0.2982974	0.0290041	4.103E-07	0.005968	0.0315697	4.466E-07	0.0064959
Q, Roads to Fu Tip Estate	RD_024	1200-1300	0.222262	2.902E-06	0.0422099	0.937194	1.224E-05	0.177983	1.159456	1.514E-05	0.2201929	0.0226955	2.963E-07	0.0043101	0.0247404	3.23E-07	0.0046985
Q, Roads to Fu Tip Estate	RD_024	1300-1400	0.2125357	2.902E-06	0.0422125	1.0929607	1.492E-05	0.2170767	1.3054964	1.783E-05	0.2592892	0.0257607	3.517E-07	0.0051164	0.0280596	3.831E-07	0.005573
Q, Roads to Fu Tip Estate	RD_024	1400-1500	0.2384336	2.975E-06	0.0432801	1.3385569	1.67E-05	0.2429727	1.5769905	1.968E-05	0.2862528	0.0309433	3.861E-07	0.0056168	0.0336624	4.201E-07	0.0061103
Q, Roads to Fu Tip Estate	RD_024	1500-1600	0.2256897	2.686E-06	0.0390728	1.1146909	1.327E-05	0.1929823	1.3403806	1.595E-05	0.2320552	0.0264439	3.147E-07	0.0045781	0.0287988	3.428E-07	0.0049858
Q, Roads to Fu Tip Estate	RD_024	1600-1700	0.2171498	2.881E-06	0.041914	1.3602839	1.805E-05	0.2625603	1.5774336	2.093E-05	0.3044743	0.0317684	4.215E-07	0.0061319	0.0345369	4.583E-07	0.0066663
Q, Roads to Fu Tip Estate	RD_024	1700-1800	0.137159	1.632E-06	0.0237458	0.5984528	7.123E-06	0.1036079	0.7356118	8.755E-06	0.1273538	0.0153813	1.831E-07	0.0026629	0.0168382	2.004E-07	0.0029151
Q, Roads to Fu Tip Estate	RD_024	1800-1900	0.1360373	2.122E-06	0.0308666	0.8794622	1.372E-05	0.1995483	1.0154995	1.584E-05	0.2304149	0.0210646	3.286E-07	0.0047795	0.0229528	3.58E-07	0.0052079
Q, Roads to Fu Tip Estate	RD_024	1900-2000	0.1376523	2.147E-06	0.031233	1.2995479	2.027E-05	0.2948649	1.4372003	2.242E-05	0.3260979	0.0293925	4.585E-07	0.0066691	0.0320147	4.994E-07	0.0072641
Q, Roads to Fu Tip Estate	RD_024	2000-2100	0.1082495	9.275E-07	0.0134921	1.3733221	1.177E-05	0.1711688	1.4815716	1.269E-05	0.1846609	0.0305713	2.619E-07	0.0038104	0.0332651	2.85E-07	0.0041461
Q, Roads to Fu Tip Estate	RD_024	2100-2200	0.1977068	1.504E-06	0.0218766	2.8713114	2.184E-05	0.3177153	3.0690183	2.335E-05	0.3395919	0.0647581	4.926E-07	0.0071656	0.0704901	5.362E-07	0.0077998
Q, Roads to Fu Tip Estate	RD_024	2200-2300	0.2233353	1.522E-06	0.022144	3.2200332	2.195E-05	0.3192706	3.4433685	2.347E-05	0.3414146	0.07234	4.931E-07	0.0071726	0.0786942	5.364E-07	0.0078026
Q, Roads to Fu Tip Estate	RD_024	2300-0000	0.2282231	1.38E-06	0.0200749	3.7207673	2.25E-05	0.3272856	3.9489004	2.388E-05	0.3473605	0.0825658	4.993E-07	0.0072626	0.0898194	5.431E-07	0.0079007
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	0000-0100	0.0148591	1.376E-09	1.264E-06	0.1376556	1.275E-08	1.171E-05	0.1525147	1.412E-08	1.298E-05	0.0030272	2.803E-10	2.575E-07	0.0033126	3.067E-10	2.818E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	0100-0200	0.01584	1.467E-09	1.348E-06	0.1486866	1.377E-08	1.265E-05	0.1645265	1.523E-08	1.4E-05	0.0030374	2.812E-10	2.584E-07	0.0033264	3.08E-10	2.83E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	0200-0300	0.0149196	1.381E-09	1.269E-06	0.1422128	1.317E-08	1.21E-05	0.1571325	1.455E-08	1.337E-05	0.0030538	2.828E-10	2.598E-07	0.003345	3.097E-10	2.846E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	0300-0400	0.0146731	1.811E-09	1.664E-06	0.1424629	1.759E-08	1.616E-05	0.1571359	1.94E-08	1.782E-05	0.0030426	3.756E-10	3.451E-07	0.0033316	4.113E-10	3.779E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	0400-0500	0.0151656	1.872E-09	1.72E-06	0.1396898	1.725E-08	1.585E-05	0.1548554	1.912E-08	1.757E-05	0.0030822	3.805E-10	3.496E-07	0.0033717	4.163E-10	3.825E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	0500-0600	0.015148	1.87E-09	1.718E-06	0.1375269	1.698E-08	1.56E-05	0.1526749	1.885E-08	1.732E-05	0.0030889	3.813E-10	3.504E-07	0.0033788	4.171E-10	3.833E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	0600-0700	0.016339	3.026E-09	2.78E-06	0.1392928	2.579E-08	2.37E-05	0.1556318	2.882E-08	2.648E-05	0.0031887	5.905E-10	5.426E-07	0.0034879	6.459E-10	5.935E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	0700-0800	0.0159487	3.938E-09	3.618E-06	0.1376692	3.399E-08	3.123E-05	0.1536179	3.793E-08	3.485E-05	0.0031948	7.889E-10	7.248E-07	0.0034985	8.638E-10	7.937E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	0800-0900	0.0161585	4.987E-09	4.582E-06	0.1327156	4.096E-08	3.764E-05	0.1488741	4.595E-08	4.222E-05	0.003207	9.898E-10	9.095E-07	0.0035078	1.083E-09	9.948E-07

R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	0900-1000	0.0163805	4.045E-09	3.716E-06	0.1375187	3.396E-08	3.12E-05	0.1538992	3.8E-08	3.492E-05	0.0031885	7.873E-10	7.234E-07	0.0034891	8.615E-10	7.916E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	1000-1100	0.0160711	2.976E-09	2.735E-06	0.1427158	2.643E-08	2.428E-05	0.1587869	2.94E-08	2.702E-05	0.0032052	5.935E-10	5.454E-07	0.0035137	6.507E-10	5.979E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	1100-1200	0.0161981	2E-09	1.837E-06	0.1384846	1.71E-08	1.571E-05	0.1546827	1.91E-08	1.755E-05	0.003222	3.978E-10	3.655E-07	0.0035303	4.358E-10	4.005E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	1200-1300	0.0161918	2.499E-09	2.296E-06	0.1427919	2.204E-08	2.025E-05	0.1589837	2.453E-08	2.254E-05	0.0031237	4.821E-10	4.429E-07	0.0034213	5.28E-10	4.851E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	1300-1400	0.0158583	2.447E-09	2.249E-06	0.1369363	2.113E-08	1.942E-05	0.1527946	2.358E-08	2.167E-05	0.0031898	4.923E-10	4.523E-07	0.003495	5.394E-10	4.956E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	1400-1500	0.0152624	3.768E-09	3.463E-06	0.1311964	3.239E-08	2.976E-05	0.1464588	3.616E-08	3.323E-05	0.0031503	7.779E-10	7.147E-07	0.0034493	8.517E-10	7.825E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	1500-1600	0.0159232	3.932E-09	3.613E-06	0.1366087	3.373E-08	3.099E-05	0.1525319	3.766E-08	3.461E-05	0.0030779	7.6E-10	6.983E-07	0.0033668	8.313E-10	7.638E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	1600-1700	0.0159639	3.942E-09	3.622E-06	0.130986	3.234E-08	2.972E-05	0.1469499	3.628E-08	3.334E-05	0.003173	7.835E-10	7.199E-07	0.0034707	8.57E-10	7.874E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	1700-1800	0.0153644	6.165E-09	5.664E-06	0.1372626	5.507E-08	5.06E-05	0.152627	6.124E-08	5.627E-05	0.003027	1.215E-09	1.116E-06	0.0033123	1.329E-09	1.221E-06
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	1800-1900	0.0154385	4.765E-09	4.378E-06	0.1366464	4.217E-08	3.875E-05	0.1520849	4.694E-08	4.313E-05	0.0030644	9.458E-10	8.69E-07	0.0033537	1.035E-09	9.511E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	1900-2000	0.0173713	5.362E-09	4.926E-06	0.1410756	4.354E-08	4.001E-05	0.1584469	4.89E-08	4.493E-05	0.0032053	9.893E-10	9.09E-07	0.0035086	1.083E-09	9.95E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	2000-2100	0.0158701	3.919E-09	3.6E-06	0.1386437	3.423E-08	3.145E-05	0.1545139	3.815E-08	3.505E-05	0.0031004	7.655E-10	7.034E-07	0.0033926	8.377E-10	7.697E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	2100-2200	0.0158137	2.44E-09	2.242E-06	0.1290423	1.991E-08	1.83E-05	0.144856	2.235E-08	2.054E-05	0.0031433	4.851E-10	4.457E-07	0.0034374	5.305E-10	4.874E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	2200-2300	0.0156003	2.407E-09	2.212E-06	0.1385419	2.138E-08	1.964E-05	0.1541422	2.379E-08	2.186E-05	0.0030765	4.748E-10	4.362E-07	0.0033685	5.198E-10	4.776E-07
R, Access Road from Ting Kok Road to Yue Kok Village	RD_025	2300-0000	0.0153967	1.426E-09	1.31E-06	0.135073	1.251E-08	1.149E-05	0.1504697	1.393E-08	1.28E-05	0.0031751	2.94E-10	2.701E-07	0.0034781	3.22E-10	2.959E-07
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	0000-0100	0.0198552	1.819E-09	2.181E-05	0.1613816	1.478E-08	0.0001773	0.1812369	1.66E-08	0.0001991	0.003446	3.157E-10	3.786E-06	0.0037667	3.45E-10	4.138E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	0100-0200	0.0201134	1.843E-09	2.209E-05	0.1660737	1.521E-08	0.0001824	0.1861871	1.706E-08	0.0002045	0.0034106	3.124E-10	3.747E-06	0.0037281	3.415E-10	4.095E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	0200-0300	0.0190165	1.742E-09	2.089E-05	0.1599768	1.465E-08	0.0001757	0.1789933	1.64E-08	0.0001966	0.0033852	3.101E-10	3.719E-06	0.0037004	3.39E-10	4.065E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	0300-0400	0.018256	2.23E-09	2.674E-05	0.1606232	1.962E-08	0.0002353	0.1788792	2.185E-08	0.000262	0.0033121	4.045E-10	4.851E-06	0.0036204	4.422E-10	5.303E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	0400-0500	0.0196197	2.396E-09	2.874E-05	0.1573242	1.922E-08	0.0002304	0.1769439	2.161E-08	0.0002592	0.0035096	4.287E-10	5.14E-06	0.0038347	4.684E-10	5.617E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	0500-0600	0.0191446	2.338E-09	2.804E-05	0.1558004	1.903E-08	0.0002282	0.174945	2.137E-08	0.0002562	0.0034535	4.218E-10	5.058E-06	0.0037741	4.61E-10	5.528E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	0600-0700	0.0200476	3.673E-09	4.405E-05	0.1574576	2.885E-08	0.0003459	0.1775052	3.252E-08	0.00039	0.0035212	6.451E-10	7.736E-06	0.0038479	7.05E-10	8.454E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	0700-0800	0.0197838	4.833E-09	5.795E-05	0.1521934	3.718E-08	0.0004458	0.1719771	4.201E-08	0.0005038	0.0035065	8.566E-10	1.027E-05	0.0038318	9.36E-10	1.122E-05
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	0800-0900	0.0204227	6.236E-09	7.478E-05	0.1494632	4.564E-08	0.0005473	0.1698859	5.188E-08	0.0006221	0.0035905	1.096E-09	1.315E-05	0.003923	1.198E-09	1.436E-05
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	0900-1000	0.020208	4.936E-09	5.92E-05	0.1503887	3.674E-08	0.0004405	0.1705967	4.167E-08	0.0004997	0.003541	8.65E-10	1.037E-05	0.0038696	9.453E-10	1.134E-05
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	1000-1100	0.0206405	3.782E-09	4.535E-05	0.1580449	2.896E-08	0.0003472	0.1786855	3.274E-08	0.0003926	0.0035192	6.448E-10	7.732E-06	0.0038468	7.048E-10	8.452E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	1100-1200	0.0199074	2.432E-09	2.916E-05	0.1504012	1.837E-08	0.0002203	0.1703086	2.08E-08	0.0002494	0.00352	4.299E-10	5.156E-06	0.003848	4.7E-10	5.636E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	1200-1300	0.02008	3.066E-09	3.676E-05	0.1579798	2.412E-08	0.0002892	0.1780598	2.719E-08	0.000326	0.0034407	5.253E-10	6.3E-06	0.0037615	5.743E-10	6.887E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	1300-1400	0.0202443	3.091E-09	3.706E-05	0.1525544	2.329E-08	0.0002793	0.1727987	2.638E-08	0.0003164	0.0035304	5.39E-10	6.464E-06	0.0038576	5.89E-10	7.063E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	1400-1500	0.0176137	4.303E-09	5.16E-05	0.1428233	3.489E-08	0.0004184	0.160437	3.919E-08	0.00047	0.0034121	8.335E-10	9.995E-06	0.003729	9.109E-10	1.092E-05
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	1500-1600	0.0199449	4.872E-09	5.843E-05	0.1515589	3.702E-08	0.000444	0.1715038	4.19E-08	0.0005024	0.0034928	8.532E-10	1.023E-05	0.0038179	9.327E-10	1.118E-05
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	1600-1700	0.0202261	4.941E-09	5.925E-05	0.1478351	3.611E-08	0.0004331	0.1680612	4.105E-08	0.0004923	0.0035656	8.71E-10	1.045E-05	0.0038958	9.517E-10	1.141E-05
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	1700-1800	0.0203577	8.081E-09	9.691E-05	0.1594269	6.329E-08	0.0007589	0.1797846	7.137E-08	0.0008558	0.0034649	1.375E-09	1.649E-05	0.0037876	1.504E-09	1.803E-05
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	1800-1900	0.0201402	6.15E-09	7.375E-05	0.1562789	4.772E-08	0.0005722	0.1764191	5.387E-08	0.000646	0.0034617	1.057E-09	1.268E-05	0.003784	1.155E-09	1.386E-05
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	1900-2000	0.0204418	6.242E-09	7.485E-05	0.1557313	4.755E-08	0.0005702	0.1761731	5.379E-08	0.0006451	0.0034353	1.049E-09	1.258E-05	0.0037527	1.146E-09	1.374E-05
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	2000-2100	0.0200536	4.899E-09	5.874E-05	0.156022	3.811E-08	0.000457	0.1760756	4.301E-08	0.0005158	0.0034738	8.486E-10	1.018E-05	0.0037967	9.275E-10	1.112E-05
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	2100-2200	0.0199642	3.048E-09	3.655E-05	0.1487926	2.272E-08	0.0002724	0.1687568	2.577E-08	0.000309	0.0035116	5.361E-10	6.429E-06	0.0038368	5.858E-10	7.025E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	2200-2300	0.0198023	3.023E-09	3.626E-05	0.1582726	2.416E-08	0.0002898	0.1780749	2.719E-08	0.000326	0.0034245	5.228E-10	6.27E-06	0.003744	5.716E-10	6.855E-06
S, Access Road from Fung Yuen Road around Fung Yuen Playground	RD_026	2300-0000	0.0192798	1.766E-09	2.118E-05	0.1536827	1.408E-08	0.0001688	0.1729625	1.584E-08	0.00019	0.0034415	3.153E-10	3.781E-06	0.0037617	3.446E-10	4.132E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	0000-0100	0.012693	1.567E-09	1.77E-06	0.1455685	1.797E-08	2.03E-05	0.1582615	1.954E-08	2.207E-05	0.0029662	3.662E-10	4.137E-07	0.0032485	4.01E-10	4.531E-07
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	0100-0200	0.0121114	1.495E-09	1.689E-06	0.1406467	1.736E-08	1.962E-05	0.1527581	1.886E-08	2.131E-05	0.0027886	3.443E-10	3.889E-07	0.0030512	3.767E-10	4.256E-07
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	0200-0300	0.0121757	1.503E-09	1.698E-06	0.1386164	1.711E-08	1.933E-05	0.1507921	1.862E-08	2.103E-05	0.002953	3.646E-10	4.119E-07	0.0032369	3.996E-10	4.515E-07
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	0300-0400	0.0113121	1.397E-09	1.578E-06	0.133686	1.65E-08	1.865E-05	0.1449981	1.79E-08	2.022E-05	0.0027976	3.454E-10	3.902E-07	0.003059	3.777E-10	4.267E-07
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	0400-0500	0.0117602	1.452E-09	1.64E-06	0.1301366	1.607E-08	1.815E-05	0.1418968	1.752E-08	1.979E-05	0.0029335	3.622E-10	4.092E-07	0.0032122	3.966E-10	4.48E-07
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	0500-0600	0.011727	2.896E-09	3.271E-06	0.1366797	3.375E-08	3.813E-05	0.1484067	3.664E-08	4.14E-05	0.002885	7.123E-10	8.048E-07	0.003161	7.805E-10	8.818E-07
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	0600-0700	0.012324	4.564E-09	5.157E-06	0.1326284	4.912E-08	5.55E-05	0.1449524	5.369E-08	6.065E-05	0.0029533	1.094E-09	1.236E-06	0.0032295	1.196E-09	1.351E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	0700-0800	0.0122431	6.046E-09	6.83E-06	0.1285229	6.347E-08	7.17E-05	0.140766	6.951E-08	7.853E-05	0.0029078	1.436E-09	1.622E-06	0.0031787	1.57E-09	1.773E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	0800-0900	0.0127639	7.879E-09	8.901E-06	0.124395	7.679E-08	8.675E-05	0.1371589	8.467E-08	9.565E-05	0.0029995	1.852E-09	2.092E-06	0.0032769	2.023E-09	2.285E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	0900-1000	0.0121162	5.983E-09	6.76E-06	0.1250726	6.176E-08	6.978E-05	0.1371887	6.775E-08	7.654E-05	0.00298	1.472E-09	1.663E-06	0.0032609	1.61E-09	1.819E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	1000-1100	0.0123867	4.588E-09	5.183E-06	0.1336578	4.95E-08	5.593E-05	0.1460445	5.409E-08	6.111E-05	0.0029065	1.076E-09	1.216E-06	0.0031822	1.179E-09	1.332E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	1100-1200	0.0124927	3.085E-09	3.485E-06	0.1266944	3.128E-08	3.534E-05	0.139187	3.437E-08	3.883E-05	0.0031	7.654E-10	8.647E-07	0.0034001	8.395E-10	9.485E-07
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	1200-1300	0.0122369	4.91E-09	5.547E-06	0.1295635	5.199E-08	5.873E-05	0.1418005	5.69E-08	6.428E-05	0.0029149	1.17E-09	1.321E-06	0.0031899	1.28E-09	1.446E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	1300-1400	0.0120005	7.408E-09	8.369E-06	0.1278213	7.89E-08	8.914E-05	0.1398218	8.631E-08	9.751E-05	0.0029762	1.837E-09	2.076E-06	0.0032617	2.013E-09	2.275E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	1400-1500	0.0122773	7.579E-09	8.562E-06	0.1273541	7.861E-08	8.881E-05	0.1396313	8.619E-08	9.738E-05	0.0028953	1.787E-09	2.019E-06	0.0031655	1.954E-09	2.208E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	1500-1600	0.0123831	4.969E-09	5.613E-06	0.1295669	5.199E-08	5.873E-05	0.1419499	5.696E-08	6.435E-05	0.0029467	1.182E-09	1.336E-06	0.0032266	1.295E-09	1.463E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	1600-1700	0.0130918	8.081E-09	9.13E-06	0.1334526	8.238E-08	9.307E-05	0.1465444	9.046E-08	0.0001022	0.0029958	1.849E-09	2.089E-06	0.0032791	2.024E-09	2.287E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	1700-1800	0.0135396	1.379E-08	1.558E-05	0.1376895	1.402E-07	0.0001584	0.151229	1.54E-07	0.000174	0.0030215	3.077E-09	3.477E-06	0.0033348	3.397E-09	3.837E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	1800-1900	0.0131677	8.128E-09	9.183E-06	0.1323243	8.168E-08	9.228E-05	0.145492	8.981E-08	0.0001015	0.0030366	1.874E-09	2.118E-06	0.0033241	2.052E-09	2.318E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	1900-2000	0.0129606	8E-09	9.038E-06	0.1339605	8.269E-08	9.342E-05	0.1469211	9.069E-08	0.0001025	0.0030344	1.873E-09	2.116E-06	0.0033251	2.053E-09	2.319E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	2000-2100	0.0122625	7.569E-09	8.552E-06	0.1313451	8.108E-08	9.16E-05	0.1436076	8.865E-08	0.0001001	0.0029101	1.796E-09	2.029E-06	0.0031837	1.965E-09	2.22E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	2100-2200	0.0119356	4.789E-09	5.41E-06	0.1265965	5.079E-08	5.739E-05	0.1385321	5.558E-08	6.28E-05	0.0029621	1.188E-09	1.343E-06	0.0032426	1.301E-09	1.47E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	2200-2300	0.0124651	5.001E-09	5.65E-06	0.1357009	5.445E-08	6.151E-05	0.148166	5.945E-08	6.716E-05	0.0030255	1.214E-09	1.371E-06	0.0033182	1.331E-09	1.504E-06
T1, Local Road Access to the Fung Yuen Tsuen	RD_027	2300-0000	0.0124792	2.696E-09	3.046E-06	0.13406	2.896E-08	3.272E-05	0.1465392	3.166E-08	3.577E-05	0.0030068	6.496E-10	7.339E-07	0.0032921	7.113E-10	8.035E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	0000-0100	0.0127465	1.574E-09	1.311E-06	0.1426806	1.761E-08	1.468E-05	0.1554271	1.919E-08	1.599E-05	0.002958	3.652E-10	3.043E-07	0.0032408	4.001E-10	3.333E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	0100-0200	0.0136093	1.68E-09	1.4E-06	0.1464524	1.808E-08	1.506E-05	0.1600616	1.976E-08	1.646E-05	0.0029889	3.69E-10	3.074E-07	0.0032716	4.039E-10	3.365E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	0200-0300	0.0127456	1.574E-09	1.311E-06	0.1421769	1.755E-08	1.462E-05	0.1549224	1.913E-08	1.594E-05	0.0029694	3.666E-10	3.054E-07	0.0032521	4.015E-10	3.345E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	0300-0400	0.0133964	3.308E-09	2.756E-06	0.1431699	3.535E-08	2.945E-05	0.1565663	3.866E-08	3.221E-05	0.0030548	7.543E-10	6.284E-07	0.003346	8.262E-10	6.883E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	0400-0500	0.0129285	3.192E-09	2.66E-06	0.1374764	3.394E-08	2.828E-05	0.1504049	3.714E-08	3.094E-05	0.0030439	7.516E-10	6.262E-07	0.0033326	8.229E-10	6.856E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	0500-0600	0.0137249	3.389E-09	2.823E-06	0.1393089	3.44E-08	2.866E-05	0.1530337	3.779E-08	3.148E-05	0.0030711	7.583E-10	6.318E-07	0.0033603	8.297E-10	6.913E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	0600-0700	0.0140454	5.202E-09	4.334E-06	0.1401085	5.189E-08	4.323E-05	0.1541539	5.709E-08	4.757E-05	0.0031035	1.149E-09	9.577E-07	0.0033966	1.258E-09	1.048E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	0700-0800	0.0134554	6.645E-09	5.536E-06	0.1332802	6.582E-08	5.484E-05	0.1467356	7.246E-08	6.037E-05	0.0031103	1.536E-09	1.28E-06	0.0034064	1.682E-09	1.402E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	0800-0900	0.0130798	8.074E-09	6.727E-06	0.1269939	7.839E-08	6.531E-05	0.1400737	8.647E-08	7.204E-05	0.0031589	1.95E-09	1.625E-06	0.0034609	2.136E-09	1.78E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	0900-1000	0.0130314	6.435E-09	5.362E-06	0.1314271	6.49E-08	5.407E-05	0.1444586	7.134E-08	5.944E-05	0.0030555	1.509E-09	1.257E-06	0.0033452	1.652E-09	1.376E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	1000-1100	0.0132986	4.925E-09	4.104E-06	0.1365653	5.058E-08	4.214E-05	0.1498638	5.551E-08	4.624E-05	0.0030876	1.144E-09	9.528E-07	0.003385	1.254E-09	1.045E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	1100-1200	0.0130432	3.221E-09	2.683E-06	0.1305809	3.224E-08	2.686E-05	0.143624	3.546E-08	2.955E-05	0.0030805	7.606E-10	6.337E-07	0.003375	8.333E-10	6.943E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	1200-1300	0.0131755	4.473E-09	3.727E-06	0.1367642	4.643E-08	3.869E-05	0.1499397	5.091E-08	4.241E-05	0.0030042	1.02E-09	8.498E-07	0.0032906	1.117E-09	9.308E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	1300-1400	0.0131337	4.459E-09	3.715E-06	0.1351427	4.588E-08	3.823E-05	0.1482764	5.034E-08	4.194E-05	0.0030287	1.028E-09	8.567E-07	0.0033193	1.127E-09	9.389E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	1400-1500	0.0129037	5.974E-09	4.977E-06	0.1253918	5.805E-08	4.837E-05	0.1382955	6.403E-08	5.334E-05	0.0030846	1.428E-09	1.19E-06	0.003378	1.564E-09	1.303E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	1500-1600	0.0133484	6.18E-09	5.149E-06	0.133242	6.169E-08	5.139E-05	0.1465904	6.787E-08	5.654E-05	0.0030151	1.396E-09	1.163E-06	0.0033014	1.528E-09	1.273E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	1600-1700	0.0133887	6.198E-09	5.164E-06	0.1291193	5.978E-08	4.98E-05	0.142508	6.598E-08	5.497E-05	0.0030677	1.42E-09	1.183E-06	0.0033566	1.554E-09	1.295E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	1700-1800	0.0138264	1.067E-08	8.889E-06	0.1425088	1.1E-07	9.161E-05	0.1563352	1.206E-07	0.0001005	0.0029731	2.294E-09	1.911E-06	0.0032808	2.531E-09	2.109E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	1800-1900	0.0138254	8.534E-09	7.11E-06	0.1376572	8.497E-08	7.08E-05	0.1514826	9.351E-08	7.791E-05	0.0030721	1.896E-09	1.58E-06	0.0033634	2.076E-09	1.73E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	1900-2000	0.012941	7.988E-09	6.656E-06	0.1335895	8.246E-08	6.87E-05	0.1465305	9.045E-08	7.536E-05	0.0030149	1.861E-09	1.551E-06	0.0033023	2.038E-09	1.698E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	2000-2100	0.0133632	6.187E-09	5.154E-06	0.1333401	6.173E-08	5.143E-05	0.1467033	6.792E-08	5.659E-05	0.0030482	1.411E-09	1.176E-06	0.0033335	1.543E-09	1.286E-06
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	2100-2200	0.0130398	4.427E-09	3.688E-06	0.1275966	4.332E-08	3.609E-05	0.1406365	4.775E-08	3.978E-05	0.0030322	1.029E-09	8.577E-07	0.0033158	1.126E-09	9.379E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	2200-2300	0.0126502	4.295E-09	3.578E-06	0.1354497	4.599E-08	3.831E-05	0.1481	5.028E-08	4.189E-05	0.0030042	1.02E-09	8.498E-07	0.0032923	1.118E-09	9.313E-07
T2, Local Road Access to the Fung Yuen Tsuen	RD_028	2300-0000	0.0127138	1.962E-09	1.635E-06	0.1348046	2.08E-08	1.733E-05	0.1475185	2.277E-08	1.897E-05	0.0030439	4.697E-10	3.914E-07	0.0033338	5.145E-10	4.286E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	0000-0100	0.0127297	1.179E-09	5.52E-07	0.1407189	1.303E-08	6.102E-06	0.1534487	1.421E-08	6.655E-06	0.0029981	2.776E-10	1.3E-07	0.0032855	3.042E-10	1.425E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	0100-0200	0.0131168	1.215E-09	5.688E-07	0.1448485	1.341E-08	6.282E-06	0.1579653	1.463E-08	6.85E-06	0.0029622	2.743E-10	1.285E-07	0.0032448	3.004E-10	1.407E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	0200-0300	0.0126454	1.171E-09	5.484E-07	0.1416487	1.312E-08	6.143E-06	0.1542941	1.429E-08	6.691E-06	0.0029416	2.724E-10	1.276E-07	0.0032217	2.983E-10	1.397E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	0300-0400	0.0130443	1.208E-09	5.657E-07	0.1458016	1.35E-08	6.323E-06	0.158846	1.471E-08	6.889E-06	0.0029696	2.75E-10	1.288E-07	0.0032519	3.011E-10	1.41E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	0400-0500	0.0129014	1.195E-09	5.595E-07	0.1394824	1.292E-08	6.049E-06	0.1523839	1.411E-08	6.608E-06	0.0030047	2.782E-10	1.303E-07	0.003289	3.045E-10	1.426E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	0500-0600	0.0130092	1.606E-09	7.522E-07	0.1366216	1.687E-08	7.9E-06	0.1496308	1.847E-08	8.652E-06	0.0030409	3.754E-10	1.758E-07	0.0033262	4.106E-10	1.923E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	0600-0700	0.0140819	2.608E-09	1.221E-06	0.1418286	2.626E-08	1.23E-05	0.1559105	2.887E-08	1.352E-05

U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	1100-1200	0.013128	1.621E-09	7.591E-07	0.1314806	1.623E-08	7.602E-06	0.1446087	1.785E-08	8.362E-06	0.0030416	3.755E-10	1.759E-07	0.00333	4.111E-10	1.925E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	1200-1300	0.0124438	1.92E-09	8.994E-07	0.1324202	2.044E-08	9.571E-06	0.144864	2.236E-08	1.047E-05	0.0029564	4.562E-10	2.137E-07	0.0032391	4.999E-10	2.341E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	1300-1400	0.0130267	2.01E-09	9.415E-07	0.129928	2.005E-08	9.391E-06	0.1429547	2.206E-08	1.033E-05	0.0030891	4.767E-10	2.233E-07	0.0033854	5.224E-10	2.447E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	1400-1500	0.0133422	2.059E-09	9.643E-07	0.1295122	1.999E-08	9.361E-06	0.1428543	2.205E-08	1.033E-05	0.0031215	4.817E-10	2.256E-07	0.0034196	5.277E-10	2.472E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	1500-1600	0.012912	1.993E-09	9.332E-07	0.1316024	2.031E-08	9.512E-06	0.1445144	2.23E-08	1.045E-05	0.0030025	4.633E-10	2.17E-07	0.0032881	5.074E-10	2.377E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	1600-1700	0.0136054	2.1E-09	9.834E-07	0.1276232	1.969E-08	9.224E-06	0.1412286	2.179E-08	1.021E-05	0.0031121	4.803E-10	2.249E-07	0.0034042	5.253E-10	2.46E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	1700-1800	0.0127109	5.1E-09	2.389E-06	0.1367959	5.489E-08	2.571E-05	0.1495068	5.999E-08	2.81E-05	0.0029103	1.168E-09	5.469E-07	0.0031854	1.278E-09	5.986E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	1800-1900	0.0130305	4.022E-09	1.884E-06	0.1356752	4.188E-08	1.961E-05	0.1487057	4.59E-08	2.15E-05	0.0029368	9.064E-10	4.245E-07	0.0032124	9.915E-10	4.644E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	1900-2000	0.0140511	3.469E-09	1.625E-06	0.1363232	3.366E-08	1.576E-05	0.1503744	3.713E-08	1.739E-05	0.003055	7.543E-10	3.533E-07	0.0033429	8.254E-10	3.866E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	2000-2100	0.0135692	3.35E-09	1.569E-06	0.1377956	3.402E-08	1.594E-05	0.1513648	3.737E-08	1.75E-05	0.0030108	7.434E-10	3.482E-07	0.0032945	8.135E-10	3.81E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	2100-2200	0.0122426	1.889E-09	8.849E-07	0.1258672	1.942E-08	9.097E-06	0.1381099	2.131E-08	9.982E-06	0.002966	4.577E-10	2.144E-07	0.0032451	5.008E-10	2.345E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	2200-2300	0.0126885	1.175E-09	5.503E-07	0.1379541	1.277E-08	5.983E-06	0.1506426	1.395E-08	6.533E-06	0.0029476	2.729E-10	1.278E-07	0.0032281	2.989E-10	1.4E-07
U, Access Road from Ting Kok Road to Fung Mei Wai	RD_029	2300-0000	0.0140994	1.306E-09	6.114E-07	0.1409048	1.305E-08	6.111E-06	0.1550043	1.435E-08	6.722E-06	0.0030393	2.814E-10	1.318E-07	0.0033236	3.077E-10	1.441E-07
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	0000-0100	0.0125055	1.158E-09	2.372E-06	0.1348097	1.248E-08	2.557E-05	0.1473153	1.364E-08	2.794E-05	0.0029882	2.767E-10	5.668E-07	0.0032728	3.03E-10	6.207E-07
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	0100-0200	0.0132858	1.23E-09	2.52E-06	0.1435456	1.329E-08	2.723E-05	0.1568313	1.452E-08	2.975E-05	0.0030195	2.796E-10	5.727E-07	0.0033103	3.065E-10	6.278E-07
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	0200-0300	0.0125248	1.16E-09	2.376E-06	0.1371746	1.27E-08	2.602E-05	0.1496994	1.386E-08	2.839E-05	0.0029801	2.759E-10	5.652E-07	0.0032647	3.023E-10	6.192E-07
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	0300-0400	0.0127561	1.181E-09	2.419E-06	0.1420612	1.315E-08	2.694E-05	0.1548173	1.433E-08	2.936E-05	0.0029307	2.714E-10	5.559E-07	0.0032077	2.97E-10	6.084E-07
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	0400-0500	0.0125347	1.161E-09	2.377E-06	0.134757	1.248E-08	2.556E-05	0.1472917	1.364E-08	2.794E-05	0.0029649	2.745E-10	5.623E-07	0.0032438	3.004E-10	6.152E-07
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	0500-0600	0.012961	1.6E-09	3.278E-06	0.1352273	1.669E-08	3.42E-05	0.1481883	1.829E-08	3.747E-05	0.0030761	3.798E-10	7.779E-07	0.0033673	4.157E-10	8.516E-07
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	0600-0700	0.0142756	1.762E-09	3.61E-06	0.1403252	1.732E-08	3.549E-05	0.1546008	1.909E-08	3.91E-05	0.0032105	3.964E-10	8.119E-07	0.0035183	4.344E-10	8.897E-07
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	0700-0800	0.0136898	3.38E-09	6.924E-06	0.1345891	3.323E-08	6.807E-05	0.1482789	3.661E-08	7.5E-05	0.003102	7.659E-10	1.569E-06	0.0033941	8.38E-10	1.717E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	0800-0900	0.0129567	3.999E-09	8.191E-06	0.1313862	4.055E-08	8.306E-05	0.1443429	4.455E-08	9.126E-05	0.0029792	9.195E-10	1.883E-06	0.0032575	1.005E-09	2.059E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	0900-1000	0.0120806	2.983E-09	6.11E-06	0.1274146	3.146E-08	6.444E-05	0.1394952	3.444E-08	7.055E-05	0.0029147	7.197E-10	1.474E-06	0.0031883	7.872E-10	1.613E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	1000-1100	0.0128697	2.383E-09	4.882E-06	0.1324082	2.452E-08	5.023E-05	0.145278	2.69E-08	5.511E-05	0.0029917	5.54E-10	1.135E-06	0.0032742	6.063E-10	1.242E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	1100-1200	0.0131382	1.622E-09	3.322E-06	0.1314081	1.622E-08	3.323E-05	0.1445463	1.785E-08	3.655E-05	0.0030611	3.779E-10	7.741E-07	0.0033527	4.139E-10	8.479E-07
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	1200-1300	0.0129653	2.001E-09	4.098E-06	0.1337582	2.064E-08	4.228E-05	0.1467235	2.264E-08	4.638E-05	0.0029499	4.552E-10	9.325E-07	0.0032278	4.981E-10	1.02E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	1300-1400	0.0130091	2.008E-09	4.112E-06	0.1292939	1.995E-08	4.087E-05	0.1423031	2.196E-08	4.498E-05	0.0030834	4.758E-10	9.747E-07	0.0033787	5.214E-10	1.068E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	1400-1500	0.014032	2.165E-09	4.436E-06	0.1303055	2.011E-08	4.119E-05	0.1443375	2.227E-08	4.563E-05	0.0031226	4.819E-10	9.871E-07	0.0034162	5.272E-10	1.08E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	1500-1600	0.0129284	1.995E-09	4.087E-06	0.133108	2.054E-08	4.208E-05	0.1460363	2.254E-08	4.616E-05	0.0029298	4.521E-10	9.261E-07	0.0032058	4.947E-10	1.013E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	1600-1700	0.0138698	2.14E-09	4.384E-06	0.1299014	2.005E-08	4.106E-05	0.1437712	2.219E-08	4.545E-05	0.0031308	4.831E-10	9.897E-07	0.0034259	5.287E-10	1.083E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	1700-1800	0.0120563	4.837E-09	9.909E-06	0.1315311	5.277E-08	0.0001081	0.1435875	5.761E-08	0.000118	0.002866	1.15E-09	2.356E-06	0.0031372	1.259E-09	2.578E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	1800-1900	0.0128964	3.98E-09	8.153E-06	0.1322352	4.081E-08	8.36E-05	0.1451316	4.479E-08	9.175E-05	0.002957	9.126E-10	1.869E-06	0.0032354	9.986E-10	2.045E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	1900-2000	0.0140543	4.338E-09	8.885E-06	0.1358401	4.193E-08	8.588E-05	0.1498944	4.626E-08	9.477E-05	0.0030585	9.44E-10	1.934E-06	0.003347	1.033E-09	2.116E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	2000-2100	0.0135388	3.343E-09	6.848E-06	0.1364118	3.368E-08	6.899E-05	0.1499506	3.702E-08	7.584E-05	0.0030137	7.441E-10	1.524E-06	0.0032975	8.142E-10	1.668E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	2100-2200	0.0128992	1.991E-09	4.078E-06	0.1262045	1.948E-08	3.989E-05	0.1391037	2.147E-08	4.397E-05	0.0030332	4.681E-10	9.588E-07	0.003319	5.122E-10	1.049E-06
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	2200-2300	0.0126685	1.173E-09	2.403E-06	0.136603	1.265E-08	2.591E-05	0.1492715	1.382E-08	2.831E-05	0.0029535	2.735E-10	5.602E-07	0.0032346	2.995E-10	6.135E-07
V, Access Road from Ting Kok Road to Fung Mei Wai	RD_030	2300-0000	0.0140145	1.298E-09	2.658E-06	0.1381223	1.279E-08	2.62E-05	0.1521368	1.409E-08	2.886E-05	0.0030476	2.822E-10	5.78E-07	0.0033331	3.086E-10	6.322E-07
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	0000-0100	0.0126695	2.815E-09	3.033E-06	0.1417897	3.151E-08	3.395E-05	0.1544592	3.432E-08	3.698E-05	0.0030011	6.669E-10	7.185E-07	0.0032948	7.322E-10	7.888E-07
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	0100-0200	0.012432	2.763E-09	2.976E-06	0.1411788	3.137E-08	3.38E-05	0.1536108	3.414E-08	3.678E-05	0.0027768	6.171E-10	6.648E-07	0.0030379	6.751E-10	7.273E-07
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	0200-0300	0.0123583	1.373E-09	1.479E-06	0.135993	1.511E-08	1.628E-05	0.1483514	1.648E-08	1.776E-05	0.0028987	3.221E-10	3.47E-07	0.0031751	3.528E-10	3.801E-07
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	0300-0400	0.0124868	1.387E-09	1.495E-06	0.1437755	1.598E-08	1.721E-05	0.1562623	1.736E-08	1.871E-05	0.0028096	3.122E-10	3.363E-07	0.0030759	3.418E-10	3.682E-07
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	0400-0500	0.0123369	2.742E-09	2.954E-06	0.1309339	2.91E-08	3.135E-05	0.1432708	3.184E-08	3.43E-05	0.0029674	6.594E-10	7.105E-07	0.0032489	7.22E-10	7.778E-07
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	0500-0600	0.0125854	2.797E-09	3.013E-06	0.1340675	2.979E-08	3.21E-05	0.1466529	3.259E-08	3.511E-05	0.0029912	6.647E-10	7.162E-07	0.0032764	7.281E-10	7.844E-07
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	0600-0700	0.012398	4.133E-09	4.452E-06	0.1328357	4.428E-08	4.771E-05	0.1452337	4.841E-08	5.216E-05	0.0029533	9.844E-10	1.061E-06	0.0032334	1.078E-09	1.161E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	0700-0800	0.0121083	5.381E-09	5.798E-06	0.1228754	5.461E-08	5.884E-05	0.1349837	5.999E-08	6.464E-05	0.0029086	1.293E-09	1.393E-06	0.0031793	1.413E-09	1.522E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	0800-0900	0.0121807	6.767E-09	7.291E-06	0.1271808	7.066E-08	7.612E-05	0.1393615	7.742E-08	8.341E-05	0.002982	1.657E-09	1.785E-06	0.0032666	1.815E-09	1.955E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	0900-1000	0.0120937	5.375E-09	5.791E-06	0.1256097	5.583E-08	6.015E-05	0.1377034	6.12E-08	6.594E-05	0.0029187	1.297E-09	1.398E-06	0.003195	1.42E-09	1.53E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	1000-1100	0.0120388	5.351E-09	5.765E-06	0.1252958	5.569E-08	6E-05	0.1373345	6.104E-08	6.576E-05	0.0029094	1.293E-09	1.393E-06	0.003185	1.416E-09	1.525E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	1100-1200	0.0120637	4.021E-09	4.332E-06	0.1269853	4.233E-08	4.56E-05	0.1390489	4.635E-08	4.994E-05	0.0029436	9.812E-10	1.057E-06	0.0032264	1.075E-09	1.159E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	1200-1300	0.0121737	6.763E-09	7.287E-06	0.1241849	6.899E-08	7.433E-05	0.1363585	7.575E-08	8.162E-05	0.0029886	1.66E-09	1.789E-06	0.0032741	1.819E-09	1.96E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	1300-1400	0.0123701	6.872E-09	7.404E-06	0.1262729	7.015E-08	7.558E-05	0.138643	7.702E-08	8.298E-05	0.0029558	1.642E-09	1.769E-06	0.0032367	1.798E-09	1.937E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	1400-1500	0.0123891	5.162E-09	5.562E-06	0.1262924	5.262E-08	5.669E-05	0.1386815	5.778E-08	6.226E-05	0.002977	1.24E-09	1.336E-06	0.0032602	1.358E-09	1.464E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	1500-1600	0.012177	5.074E-09	5.466E-06	0.1215955	5.066E-08	5.459E-05	0.1337724	5.574E-08	6.005E-05	0.002973	1.239E-09	1.335E-06	0.0032543	1.356E-09	1.461E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	1600-1700	0.0120108	6.673E-09	7.189E-06	0.1180917	6.561E-08	7.068E-05	0.1301025	7.228E-08	7.787E-05	0.0029625	1.646E-09	1.773E-06	0.0032411	1.801E-09	1.94E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	1700-1800	0.012191	8.466E-09	9.121E-06	0.1209327	8.398E-08	9.048E-05	0.1331237	9.245E-08	9.96E-05	0.0029822	2.071E-09	2.231E-06	0.003263	2.266E-09	2.441E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	1800-1900	0.012378	6.877E-09	7.409E-06	0.1283115	7.128E-08	7.68E-05	0.1406895	7.816E-08	8.421E-05	0.0029319	1.629E-09	1.755E-06	0.0032103	1.784E-09	1.922E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	1900-2000	0.0124728	6.929E-09	7.466E-06	0.1281094	7.117E-08	7.668E-05	0.1405822	7.81E-08	8.415E-05	0.0029951	1.664E-09	1.793E-06	0.003282	1.823E-09	1.964E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	2000-2100	0.0121796	5.075E-09	5.468E-06	0.1258664	5.244E-08	5.65E-05	0.1380459	5.752E-08	6.197E-05	0.0029654	1.236E-09	1.331E-06	0.0032474	1.353E-09	1.458E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	2100-2200	0.0122735	5.114E-09	5.51E-06	0.1245274	5.189E-08	5.59E-05	0.1368009	5.7E-08	6.141E-05	0.0029779	1.241E-09	1.337E-06	0.0032596	1.358E-09	1.463E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	2200-2300	0.0123724	3.78E-09	4.073E-06	0.1267769	3.874E-08	4.174E-05	0.1391493	4.252E-08	4.581E-05	0.003058	9.344E-10	1.007E-06	0.0033527	1.024E-09	1.104E-06
W1, From Fung Yuen Road to House 9 of Case Papillon	RD_031	2300-0000	0.0131506	1.826E-09	1.968E-06	0.1276822	1.773E-08	1.911E-05	0.1408328	1.956E-08	2.107E-05	0.0031413	4.363E-10	4.701E-07	0.0034411	4.779E-10	5.149E-07
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	0000-0100	0.0166123	2.051E-09	3.004E-06	0.1525443	1.883E-08	2.758E-05	0.1691565	2.088E-08	3.059E-05	0.0032051	3.957E-10	5.796E-07	0.003512	4.336E-10	6.35E-07
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	0100-0200	0.0188713	2.33E-09	3.412E-06	0.1623611	2.004E-08	2.936E-05	0.1812324	2.237E-08	3.277E-05	0.0032328	3.991E-10	5.846E-07	0.0035415	4.372E-10	6.404E-07
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	0200-0300	0.020538	5.071E-09	7.427E-06	0.1632736	4.031E-08	5.905E-05	0.1838116	4.539E-08	6.647E-05	0.0034514	8.522E-10	1.248E-06	0.0037785	9.33E-10	1.366E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	0300-0400	0.0201486	2.487E-09	3.643E-06	0.1621348	2.002E-08	2.932E-05	0.1822834	2.25E-08	3.296E-05	0.0034047	4.203E-10	6.156E-07	0.0037231	4.596E-10	6.732E-07
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	0400-0500	0.0192184	4.745E-09	6.95E-06	0.1551502	3.831E-08	5.611E-05	0.1743686	4.305E-08	6.306E-05	0.0034358	8.484E-10	1.243E-06	0.00376	9.284E-10	1.36E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	0500-0600	0.0207846	5.132E-09	7.517E-06	0.167434	4.134E-08	6.055E-05	0.1882186	4.647E-08	6.807E-05	0.0035407	8.742E-10	1.28E-06	0.0038753	9.569E-10	1.401E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	0600-0700	0.0215606	7.985E-09	1.17E-05	0.162908	6.034E-08	8.837E-05	0.1844686	6.832E-08	0.0001001	0.0036214	1.341E-09	1.964E-06	0.0039616	1.467E-09	2.149E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	0700-0800	0.0210905	7.811E-09	1.144E-05	0.1583867	5.866E-08	8.592E-05	0.1794772	6.647E-08	9.736E-05	0.0035739	1.324E-09	1.939E-06	0.0039093	1.448E-09	2.121E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	0800-0900	0.0213622	1.319E-08	1.931E-05	0.1557573	9.615E-08	0.0001408	0.1771196	1.093E-07	0.0001601	0.0036236	2.237E-09	3.276E-06	0.0039657	2.448E-09	3.585E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	0900-1000	0.0219825	1.086E-08	1.59E-05	0.159461	7.875E-08	0.0001153	0.1814436	8.96E-08	0.0001312	0.0036069	1.781E-09	2.609E-06	0.0039451	1.948E-09	2.853E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	1000-1100	0.021693	1.071E-08	1.569E-05	0.1577283	7.789E-08	0.0001141	0.1794213	8.86E-08	0.0001298	0.0035524	1.754E-09	2.569E-06	0.0038848	1.918E-09	2.81E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	1100-1200	0.0222078	1.097E-08	1.606E-05	0.158397	7.822E-08	0.0001146	0.1806049	8.919E-08	0.0001306	0.0036191	1.787E-09	2.618E-06	0.0039579	1.955E-09	2.863E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	1200-1300	0.0224603	1.386E-08	2.031E-05	0.1566109	9.667E-08	0.0001416	0.1790712	1.105E-07	0.0001619	0.0037091	2.29E-09	3.353E-06	0.0040574	2.505E-09	3.668E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	1300-1400	0.0238556	1.473E-08	2.157E-05	0.1650164	1.019E-07	0.0001492	0.188872	1.166E-07	0.0001708	0.0037989	2.345E-09	3.435E-06	0.0041581	2.567E-09	3.759E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	1400-1500	0.0226864	1.05E-08	1.538E-05	0.157057	7.271E-08	0.0001065	0.1797434	8.321E-08	0.0001219	0.0037593	1.74E-09	2.549E-06	0.0041118	1.904E-09	2.788E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	1500-1600	0.0225038	1.042E-08	1.526E-05	0.1624134	7.519E-08	0.0001101	0.1849172	8.561E-08	0.0001254	0.0037801	1.75E-09	2.563E-06	0.0041352	1.914E-09	2.804E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	1600-1700	0.0233129	1.439E-08	2.108E-05	0.1571654	9.702E-08	0.0001421	0.1804783	1.114E-07	0.0001632	0.0038329	2.366E-09	3.465E-06	0.0041904	2.587E-09	3.789E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	1700-1800	0.0235276	1.815E-08	2.659E-05	0.1618158	1.249E-07	0.0001829	0.1853434	1.43E-07	0.0002095	0.0038536	2.973E-09	4.355E-06	0.0042466	3.277E-09	4.799E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	1800-1900	0.0230614	1.424E-08	2.085E-05	0.1591884	9.826E-08	0.0001439	0.1822498	1.125E-07	0.0001648	0.003747	2.313E-09	3.388E-06	0.0040975	2.529E-09	3.705E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	1900-2000	0.0221596	1.368E-08	2.003E-05	0.1621646	1.001E-07	0.0001466	0.1843241	1.138E-07	0.0001666	0.0037379	2.307E-09	3.379E-06	0.0040915	2.526E-09	3.699E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	2000-2100	0.0221571	1.026E-08	1.502E-05	0.1623067	7.514E-08	0.0001101	0.1844637	8.54E-08	0.0001251	0.0037073	1.716E-09	2.514E-06	0.0040542	1.877E-09	2.749E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	2100-2200	0.0212801	7.225E-09	1.058E-05	0.1569118	5.327E-08	7.803E-05	0.1781919	6.05E-08	8.861E-05	0.0036705	1.246E-09	1.825E-06	0.0040146	1.363E-09	1.996E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	2200-2300	0.0206272	7.003E-09	1.026E-05	0.1535088	5.212E-08	7.633E-05	0.174136	5.912E-08	8.659E-05	0.0036608	1.243E-09	1.82E-06	0.0040062	1.36E-09	1.992E-06
W2, From Fung Yuen Road to House 10 of Case Papillon	RD_032	2300-0000	0.0203046	3.133E-09	4.589E-06	0.1504568	2.322E-08	3.401E-05	0.1707614	2.635E-08	3.86E-05	0.0036469	5.628E-10	8.243E-07	0.0039914	6.16E-10	9.021E-07
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	0000-0100	0.0136209	1.892E-09	3.414E-06	0.1345277	1.868E-08	3.372E-05	0.1481486	2.058E-08	3.714E-05	0.0030077	4.177E-10	7.539E-07	0.0032927	4.573E-10	8.254E-07
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	0100-0200	0.0145421	2.02E-09	3.645E-06	0.1451771	2.016E-08	3.639E-05	0.1597192	2.218E-08	4.004E-05	0.0030285	4.206E-10	7.592E-07	0.0033183	4.609E-10	8.318E-07
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	0200-0300	0.0136773	1.9E-09	3.429E-06	0.1383101	1.921E-08	3.467E-05	0.1519874	2.111E-08	3.81E-05	0.003017	4.19E-10	7.563E-07	0.0033048	4.59E-10	8.284E-07
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	0300-0400	0.0136449	2.527E-09	4.561E-06	0.1402589	2.597E-08	4.688E-05	0.1539038	2.85E-08	5.144E-05	0.0029867	5.531E-10	9.982E-07	0.0032697	6.055E-10	1.093E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	0400-0500	0.0138113	2.558E-09	4.616E-06	0.1359583	2.518E-08	4.544E-05	0.1497696	2.774E-08	5.006E-05	0.0030236	5.599E-10	1.011E-06	0.0033078	6.125E-10	1.106E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	0500-0600	0.0139917	3.887E-09	7.015E-06	0.1347368	3.743E-08	6.755E-05	0.1487285	4.131E-08	7.456E-05	0.0030825	8.563E-10	1.545E-06	0.0033731	9.37E-10	1.691E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	0600-0700	0.015242	4.94E-09	8.915E-06	0.1380806	4.475E-08	8.076E-05	0.1533226	4.969E-08	8.968E-05	0.0031996	1.037E-09	1.871E-06	0.0035031	1.135E-09	2.049E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	0700-0800	0.0148007	8.223E-09	1.484E-05	0.1355195	7.529E-08	0.0001359	0.1503202	8.351E-08	0.0001507	0.0031484	1.749E-09	3.157E-06	0.0034463

X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	1300-1400	0.0144374	3.676E-09	6.635E-06	0.1329012	3.384E-08	6.108E-05	0.1473386	3.752E-08	6.771E-05	0.0031366	7.987E-10	1.441E-06	0.0034369	8.751E-10	1.579E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	1400-1500	0.0146487	4.069E-09	7.344E-06	0.1304798	3.624E-08	6.542E-05	0.1451286	4.031E-08	7.276E-05	0.0031365	8.712E-10	1.572E-06	0.0034327	9.535E-10	1.721E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	1500-1600	0.0144262	4.007E-09	7.233E-06	0.1346858	3.741E-08	6.752E-05	0.1491121	4.142E-08	7.476E-05	0.0030039	8.344E-10	1.506E-06	0.0032863	9.129E-10	1.648E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	1600-1700	0.0149342	4.148E-09	7.487E-06	0.1304085	3.622E-08	6.538E-05	0.1453427	4.037E-08	7.287E-05	0.0031519	8.755E-10	1.58E-06	0.0034483	9.579E-10	1.729E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	1700-1800	0.0136858	7.92E-09	1.429E-05	0.133282	7.713E-08	0.0001392	0.1469678	8.505E-08	0.0001535	0.0029465	1.705E-09	3.078E-06	0.0032247	1.866E-09	3.368E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	1800-1900	0.0141336	6.543E-09	1.181E-05	0.1332937	6.171E-08	0.0001114	0.1474274	6.825E-08	0.0001232	0.0030107	1.394E-09	2.516E-06	0.0032945	1.525E-09	2.753E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	1900-2000	0.0156977	7.267E-09	1.312E-05	0.1376778	6.374E-08	0.000115	0.1533754	7.101E-08	0.0001282	0.0031319	1.45E-09	2.617E-06	0.0034278	1.587E-09	2.864E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	2000-2100	0.0146676	5.093E-09	9.192E-06	0.136291	4.732E-08	8.541E-05	0.1509586	5.242E-08	9.46E-05	0.0030571	1.061E-09	1.916E-06	0.0033451	1.161E-09	2.096E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	2100-2200	0.0142971	3.64E-09	6.57E-06	0.1261544	3.212E-08	5.798E-05	0.1404515	3.576E-08	6.455E-05	0.0030882	7.864E-10	1.419E-06	0.0033782	8.602E-10	1.552E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	2200-2300	0.0140866	2.609E-09	4.708E-06	0.1362032	2.522E-08	4.552E-05	0.1502898	2.783E-08	5.023E-05	0.003015	5.583E-10	1.008E-06	0.0033016	6.114E-10	1.103E-06
X, From Ting Kok Road to Yue Kok Village Sitting-Out Area	RD_033	2300-0000	0.0146535	1.696E-09	3.061E-06	0.1349119	1.561E-08	2.818E-05	0.1495654	1.731E-08	3.124E-05	0.0031113	3.601E-10	6.499E-07	0.0034056	3.942E-10	7.114E-07
Y, From Fung Yuen Road to Cinderella Farm	RD_034	0000-0100	0.0202857	1.878E-09	5.987E-06	0.1593229	1.475E-08	4.702E-05	0.1796086	1.663E-08	5.301E-05	0.0032249	2.986E-10	9.517E-07	0.0035069	3.247E-10	1.035E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	0100-0200	0.0198575	1.839E-09	5.86E-06	0.1616898	1.497E-08	4.772E-05	0.1815472	1.681E-08	5.358E-05	0.0031144	2.884E-10	9.191E-07	0.0033838	3.133E-10	9.986E-07
Y, From Fung Yuen Road to Cinderella Farm	RD_034	0200-0300	0.0187773	1.739E-09	5.542E-06	0.1558584	1.443E-08	4.6E-05	0.1746357	1.617E-08	5.154E-05	0.0031222	2.891E-10	9.214E-07	0.0033948	3.143E-10	1.002E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	0300-0400	0.0196027	3.63E-09	1.157E-05	0.1866351	3.456E-08	0.0001102	0.2062378	3.819E-08	0.0001217	0.0045261	8.382E-10	2.672E-06	0.0050314	9.317E-10	2.97E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	0400-0500	0.0237566	4.399E-09	1.402E-05	0.1576247	2.919E-08	9.304E-05	0.1813813	3.359E-08	0.0001071	0.0031596	5.851E-10	1.865E-06	0.0034077	6.311E-10	2.011E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	0500-0600	0.0207946	3.851E-09	1.227E-05	0.1593281	2.951E-08	9.404E-05	0.1801226	3.336E-08	0.0001063	0.003449	6.387E-10	2.036E-06	0.0037617	6.966E-10	2.22E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	0600-0700	0.0354779	9.855E-09	3.141E-05	0.1945949	5.405E-08	0.0001723	0.2300728	6.391E-08	0.0002037	0.0042752	1.188E-09	3.785E-06	0.0046586	1.294E-09	4.125E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	0700-0800	0.0357917	1.326E-08	4.225E-05	0.1901871	7.044E-08	0.0002245	0.2259788	8.37E-08	0.0002668	0.0043367	1.606E-09	5.119E-06	0.0047282	1.751E-09	5.582E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	0800-0900	0.0339023	1.57E-08	5.003E-05	0.1805518	8.359E-08	0.0002664	0.214454	9.928E-08	0.0003164	0.0042418	1.964E-09	6.259E-06	0.0046219	2.14E-09	6.82E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	0900-1000	0.0266844	9.883E-09	3.15E-05	0.1623458	6.013E-08	0.0001916	0.1890302	7.001E-08	0.0002231	0.0036863	1.365E-09	4.352E-06	0.0040097	1.485E-09	4.733E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	1000-1100	0.024048	6.68E-09	2.129E-05	0.1653788	4.594E-08	0.0001464	0.1894268	5.262E-08	0.0001677	0.0036323	1.009E-09	3.216E-06	0.0039634	1.101E-09	3.509E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	1100-1200	0.02416	4.474E-09	1.426E-05	0.1582033	2.93E-08	9.338E-05	0.1823632	3.377E-08	0.0001076	0.003591	6.65E-10	2.12E-06	0.0039116	7.244E-10	2.309E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	1200-1300	0.0269488	6.862E-09	2.187E-05	0.1763047	4.489E-08	0.0001431	0.2032535	5.175E-08	0.000165	0.0038984	9.926E-10	3.164E-06	0.0042644	1.086E-09	3.461E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	1300-1400	0.0252631	6.433E-09	2.05E-05	0.16597	4.226E-08	0.0001347	0.1912331	4.869E-08	0.0001552	0.0038643	9.84E-10	3.136E-06	0.0042245	1.076E-09	3.429E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	1400-1500	0.0217154	7.54E-09	2.403E-05	0.1493731	5.187E-08	0.0001653	0.1710885	5.941E-08	0.0001893	0.0034236	1.189E-09	3.789E-06	0.003724	1.293E-09	4.121E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	1500-1600	0.0239247	8.307E-09	2.648E-05	0.1591025	5.524E-08	0.0001761	0.1830272	6.355E-08	0.0002026	0.0035723	1.24E-09	3.953E-06	0.0038928	1.352E-09	4.308E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	1600-1700	0.0264173	9.173E-09	2.924E-05	0.1626407	5.647E-08	0.00018	0.189058	6.565E-08	0.0002092	0.0038831	1.348E-09	4.297E-06	0.0042383	1.472E-09	4.691E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	1700-1800	0.0304555	1.762E-08	5.618E-05	0.1897055	1.098E-07	0.0003499	0.2201609	1.274E-07	0.0004061	0.0042241	2.444E-09	7.791E-06	0.0046538	2.693E-09	8.584E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	1800-1900	0.0272091	1.26E-08	4.015E-05	0.1759409	8.145E-08	0.0002596	0.20315	9.405E-08	0.0002998	0.0039399	1.824E-09	5.814E-06	0.0043102	1.995E-09	6.36E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	1900-2000	0.0268564	1.243E-08	3.963E-05	0.1769023	8.19E-08	0.000261	0.2037586	9.433E-08	0.0003007	0.0040775	1.888E-09	6.017E-06	0.004473	2.071E-09	6.6E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	2000-2100	0.0277771	9.645E-09	3.074E-05	0.1815504	6.304E-08	0.0002009	0.2093275	7.268E-08	0.0002317	0.0042195	1.465E-09	4.67E-06	0.0046323	1.608E-09	5.127E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	2100-2200	0.0293964	7.485E-09	2.386E-05	0.1759632	4.481E-08	0.0001428	0.2053595	5.229E-08	0.0001667	0.0042102	1.072E-09	3.417E-06	0.0046095	1.174E-09	3.741E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	2200-2300	0.0247081	6.291E-09	2.005E-05	0.1702191	4.334E-08	0.0001381	0.1949272	4.963E-08	0.0001582	0.003637	9.261E-10	2.952E-06	0.00397	1.011E-09	3.222E-06
Y, From Fung Yuen Road to Cinderella Farm	RD_034	2300-0000	0.0233132	2.698E-09	8.6E-06	0.1602193	1.854E-08	5.91E-05	0.1835325	2.124E-08	6.771E-05	0.0034097	3.946E-10	1.258E-06	0.0037066	4.29E-10	1.367E-06

APPENDIX 10

SUMMARY OF PREDICTED CONCENTRATION RESULT

NO_2 Summary Table

ASR ID	Location		Floor	Receiver Height	Flagpole Height	NO_2 (µg/m^3)		
						19th Highest 1-hour (AQO = 200)	10th Highest 24-hour (AQO = 120)	Annual (AQO = 40)
	X	Y		mPD	mAG	Total	Total	Total
ASR1_1	836592.79	835701.9	G/F	9	1.5	91.229	30.363	17.513
ASR1_2	836592.79	835701.9	1/F	17.2	9.7	72.627	24.451	12.912
ASR1_3	836592.79	835701.9	2/F	20.2	12.7	67.847	23.841	12.555
ASR1_4	836592.79	835701.9	3/F	23.2	15.7	63.120	23.690	12.303
ASR1_5	836592.79	835701.9	4/F	26.1	18.6	60.685	23.266	12.106
ASR1_6	836592.79	835701.9	5/F	29.1	21.6	61.741	23.038	11.940
ASR1_7	836592.79	835701.9	10/F	44	36.5	76.874	22.527	11.445
ASR1_8	836592.79	835701.9	20/F	73.7	66.2	46.470	19.806	10.413
ASR1_9	836592.79	835701.9	27/F	94.6	87.1	45.101	19.021	10.104
ASR2_1	836574.16	835704.67	G/F	9	1.5	82.335	26.560	14.787
ASR2_2	836574.16	835704.67	1/F	17.2	9.7	71.684	24.578	13.231
ASR2_3	836574.16	835704.67	2/F	20.2	12.7	66.294	24.046	12.726
ASR2_4	836574.16	835704.67	3/F	23.2	15.7	63.295	23.742	12.385
ASR2_5	836574.16	835704.67	4/F	26.1	18.6	59.942	23.600	12.157
ASR2_6	836574.16	835704.67	5/F	29.1	21.6	62.432	23.140	11.982
ASR2_7	836574.16	835704.67	10/F	44	36.5	78.614	22.651	11.487
ASR2_8	836574.16	835704.67	20/F	73.7	66.2	46.612	19.827	10.423
ASR2_9	836574.16	835704.67	27/F	94.6	87.1	45.079	19.044	10.112
ASR3_1	836596.5	835737.45	G/F	9	1.5	83.982	27.751	15.607
ASR3_2	836596.5	835737.45	1/F	17.2	9.7	70.210	23.910	12.819
ASR3_3	836596.5	835737.45	2/F	20.2	12.7	66.510	23.531	12.376
ASR3_4	836596.5	835737.45	3/F	23.2	15.7	62.913	23.138	12.119
ASR3_5	836596.5	835737.45	4/F	26.1	18.6	58.839	22.981	11.934
ASR3_6	836596.5	835737.45	5/F	29.1	21.6	61.364	22.805	11.782
ASR3_7	836596.5	835737.45	10/F	44	36.5	72.659	22.251	11.328
ASR3_8	836596.5	835737.45	20/F	73.7	66.2	46.345	19.684	10.372
ASR3_9	836596.5	835737.45	27/F	94.6	87.1	45.086	19.014	10.085
ASR4_1	836573.13	835661.93	G/F	9	1.5	90.445	28.316	16.213
ASR4_2	836573.13	835661.93	1/F	17.2	9.7	74.764	25.050	13.415
ASR4_3	836573.13	835661.93	2/F	20.2	12.7	68.355	24.513	12.941
ASR4_4	836573.13	835661.93	3/F	23.2	15.7	61.936	24.484	12.620
ASR4_5	836573.13	835661.93	4/F	26.1	18.6	59.579	23.610	12.381
ASR4_6	836573.13	835661.93	5/F	29.1	21.6	62.289	23.465	12.186
ASR4_7	836573.13	835661.93	10/F	44	36.5	78.140	23.052	11.615
ASR4_8	836573.13	835661.93	20/F	73.7	66.2	46.348	19.864	10.466
ASR4_9	836573.13	835661.93	23/F	82.7	75.2	45.565	19.458	10.279
ASR5_1	836543.7	835662.04	G/F	9	1.5	84.222	26.573	14.478
ASR5_2	836543.7	835662.04	1/F	17.2	9.7	74.556	25.162	13.646
ASR5_3	836543.7	835662.04	2/F	20.2	12.7	67.967	24.698	13.213
ASR5_4	836543.7	835662.04	3/F	23.2	15.7	61.928	24.722	12.816
ASR5_5	836543.7	835662.04	4/F	26.1	18.6	60.420	23.823	12.521
ASR5_6	836543.7	835662.04	5/F	29.1	21.6	61.984	23.803	12.297
ASR5_7	836543.7	835662.04	10/F	44	36.5	78.976	23.332	11.707
ASR5_8	836543.7	835662.04	20/F	73.7	66.2	46.345	19.928	10.487
ASR5_9	836543.7	835662.04	23/F	82.7	75.2	45.450	19.494	10.297
ASR6_1	836541.26	835684.49	G/F	9	1.5	81.258	25.949	13.982
ASR6_2	836541.26	835684.49	1/F	17.2	9.7	72.815	24.707	13.416
ASR6_3	836541.26	835684.49	2/F	20.2	12.7	68.850	24.589	13.062
ASR6_4	836541.26	835684.49	3/F	23.2	15.7	62.748	24.331	12.703
ASR6_5	836541.26	835684.49	4/F	26.1	18.6	61.398	23.893	12.423
ASR6_6	836541.26	835684.49	5/F	29.1	21.6	63.242	23.542	12.207
ASR6_7	836541.26	835684.49	10/F	44	36.5	81.646	23.055	11.651
ASR6_8	836541.26	835684.49	20/F	73.7	66.2	46.325	19.879	10.467
ASR6_9	836541.26	835684.49	23/F	94.6	87.1	45.009	19.091	10.139
ASR7_1	836517.25	835722.3	G/F	9	1.5	75.577	24.788	13.160
ASR7_2	836517.25	835722.3	1/F	17.2	9.7	72.349	24.304	12.976
ASR7_3	836517.25	835722.3	2/F	20.2	12.7	69.995	24.054	12.799
ASR7_4	836517.25	835722.3	3/F	23.2	15.7	65.449	23.929	12.559
ASR7_5	836517.25	835722.3	4/F	26.1	18.6	62.544	23.767	12.340
ASR7_6	836517.25	835722.3	5/F	29.1	21.6	65.049	23.572	12.153
ASR7_7	836517.25	835722.3	10/F	44	36.5	77.967	23.107	11.627
ASR7_8	836517.25	835722.3	20/F	73.7	66.2	46.593	19.855	10.444
ASR7_9	836517.25	835722.3	27/F	94.6	87.1	44.929	19.111	10.132
ASR8_1	836538.05	835720.06	G/F	9	1.5	77.374	25.098	13.372
ASR8_2	836538.05	835720.06	1/F	17.2	9.7	72.794	24.255	13.061
ASR8_3	836538.05	835720.06	2/F	20.2	12.7	67.967	23.952	12.813
ASR8_4	836538.05	835720.06	3/F	23.2	15.7	65.208	23.814	12.523
ASR8_5	836538.05	835720.06	4/F	26.1	18.6	61.312	23.643	12.277
ASR8_6	836538.05	835720.06	5/F	29.1	21.6	63.989	23.389	12.078
ASR8_7	836538.05	835720.06	10/F	44	36.5	75.936	22.906	11.557
ASR8_8	836538.05	835720.06	20/F	73.7	66.2	46.670	19.843	10.431
ASR8_9	836538.05	835720.06	27/F	94.6	87.1	44.977	19.087	10.122
ASR9_1	836548.22	835756.05	G/F	9	1.5	73.743	24.458	12.972
ASR9_2	836548.22	835756.05	1/F	17.2	9.7	70.270	24.018	12.737
ASR9_3	836548.22	835756.05	2/F	20.2	12.7	67.592	23.742	12.536
ASR9_4	836548.22	835756.05	3/F	23.2	15.7	64.715	23.414	12.288
ASR9_5	836548.22	835756.05	4/F	26.1	18.6	60.786	23.125	12.073
ASR9_6	836548.22	835756.05	5/F	29.1	21.6	61.465	22.874	11.895
ASR9_7	836548.22	835756.05	10/F	44	36.5	75.260	22.470	11.413
ASR9_8	836548.22	835756.05	20/F	73.7	66.2	46.572	19.732	10.383
ASR9_9	836548.22	835756.05	28/F	97.5	90	44.780	19.012	10.075
ASR10_1	836530.01	835760.26	G/F	9	1.5	72.859	24.288	12.805
ASR10_2	836530.01	835760.26	1/F	17.2	9.7	69.220	24.088	12.663
ASR10_3	836530.01	835760.26	2/F	20.2	12.7	68.697	23.877	12.516
ASR10_4	836530.01	835760.26	3/F	23.2	15.7	65.590	23.584	12.308
ASR10_5	836530.01	835760.26	4/F	26.1	18.6	63.731	23.326	12.115
ASR10_6	836530.01	835760.26	5/F	29.1	21.6	63.167	23.085	11.948
ASR10_7	836530.01	835760.26	10/F	44	36.5	76.288	22.423	11.463
ASR10_8	836530.01	835760.26	20/F	73.7	66.2	46.677	19.762	10.391
ASR10_9	836530.01	835760.26	28/F	97.5	90	44.742	19.034	10.082
ASR11_1	836553.06	835795.36	G/F	9	1.5	70.329	24.048	12.549
ASR11_2	836553.06	835795.36	1/F	17.2	9.7	68.791	23.882	12.409
ASR11_3	836553.06	835795.36	2/F	20.2	12.7	67.452	23.726	12.266
ASR11_4	836553.06	835795.36	3/F	23.2	15.7	65.462	23.443	12.067
ASR11_5	836553.06	835795.36	4/F	26.1	18.6	62.360	23.243	11.886
ASR11_6	836553.06	835795.36	5/F	29.1	21.6	64.358	22.840	11.730
ASR11_7	836553.06	835795.36	10/F	44	36.5	72.350	22.565	11.280
ASR11_8	836553.06	835795.36	20/F	73.7	66.2	46.337	19.660	10.334
ASR11_9	836553.06	835795.36	28/F	97.5	90	44.734	19.001	10.052

NO_2 Summary Table

ASR ID	Location		Floor	Receiver Height	Flagpole Height	NO_2 (µg/m^3)		
						19th Highest 1-hour (AQO = 200)	10th Highest 24-hour (AQO = 120)	Annual (AQO = 40)
	X	Y		mPD	mAG	Total	Total	Total
ASR12_1	836555.74	835829.36	G/F	10.5	1.5	67.781	23.812	12.294
ASR12_2	836555.74	835829.36	1/F	20.2	11.2	67.294	23.659	12.110
ASR12_3	836555.74	835829.36	2/F	23.2	14.2	65.111	23.334	11.937
ASR12_4	836555.74	835829.36	3/F	26.2	17.2	64.197	22.957	11.766
ASR12_5	836555.74	835829.36	4/F	29.1	20.1	63.538	22.606	11.624
ASR12_6	836555.74	835829.36	5/F	32.1	23.1	64.430	22.393	11.504
ASR12_7	836555.74	835829.36	10/F	47	38	70.788	22.602	11.129
ASR12_8	836555.74	835829.36	20/F	76.7	67.7	46.300	19.499	10.245
ASR12_9	836555.74	835829.36	27/F	97.6	88.6	44.672	18.987	10.035
ASR13_1	836588.47	835858.7	G/F	10.5	1.5	66.468	23.223	12.281
ASR13_2	836588.47	835858.7	1/F	20.2	11.2	64.995	23.029	11.974
ASR13_3	836588.47	835858.7	2/F	23.2	14.2	64.248	22.997	11.752
ASR13_4	836588.47	835858.7	3/F	26.2	17.2	61.293	22.661	11.557
ASR13_5	836588.47	835858.7	4/F	29.1	20.1	58.459	22.307	11.411
ASR13_6	836588.47	835858.7	5/F	32.1	23.1	59.514	22.146	11.296
ASR13_7	836588.47	835858.7	10/F	47	38	65.612	22.017	10.959
ASR13_8	836588.47	835858.7	20/F	76.7	67.7	45.286	19.486	10.194
ASR13_9	836588.47	835858.7	27/F	97.6	88.6	44.505	18.917	10.005
ASR14_1	836630.77	835868.67	G/F	13.5	1.5	70.955	24.344	13.513
ASR14_2	836630.77	835868.67	1/F	23.2	11.2	63.647	22.546	11.550
ASR14_3	836630.77	835868.67	2/F	26.2	14.2	62.329	22.433	11.382
ASR14_4	836630.77	835868.67	3/F	29.2	17.2	57.594	22.115	11.262
ASR14_5	836630.77	835868.67	4/F	32.1	20.1	58.230	22.028	11.167
ASR14_6	836630.77	835868.67	5/F	35.1	23.1	60.372	21.951	11.086
ASR14_7	836630.77	835868.67	10/F	50	38	62.714	21.575	10.804
ASR14_8	836630.77	835868.67	20/F	79.7	67.7	45.119	19.258	10.130
ASR14_9	836630.77	835868.67	27/F	100.6	88.6	44.388	18.823	9.972
ASR15_1	836634.16	835915.85	G/F	13.5	1.5	67.765	23.898	13.259
ASR15_2	836634.16	835915.85	1/F	23.2	11.2	62.592	22.225	11.389
ASR15_3	836634.16	835915.85	2/F	26.2	14.2	61.646	22.077	11.217
ASR15_4	836634.16	835915.85	3/F	29.2	17.2	58.126	21.925	11.106
ASR15_5	836634.16	835915.85	4/F	32.1	20.1	58.430	21.785	11.022
ASR15_6	836634.16	835915.85	5/F	35.1	23.1	59.575	21.724	10.949
ASR15_7	836634.16	835915.85	10/F	50	38	61.871	21.383	10.697
ASR15_8	836634.16	835915.85	20/F	79.7	67.7	45.177	19.236	10.088
ASR15_9	836634.16	835915.85	27/F	100.6	88.6	44.388	18.769	9.947
ASR16_1	836616.17	835774.73	1/F	9	1.5	81.787	26.819	14.747
ASR16_2	836616.17	835774.73	2/F	14.2	6.7	75.786	24.817	13.467
ASR16_3	836616.17	835774.73	3/F	17.2	9.7	69.833	23.624	12.430
ASR16_4	836616.17	835774.73	4/F	20.2	12.7	65.286	23.206	12.106
ASR16_5	836616.17	835774.73	5/F	23.1	15.6	62.721	22.842	11.901
ASR16_6	836616.17	835774.73	10/F	38	30.5	66.404	21.991	11.306
ASR16_7	836616.17	835774.73	20/F	67.8	60.3	47.865	19.996	10.460
ASR16_8	836616.17	835774.73	30/F	97.5	90	44.805	18.925	10.036
ASR17_1	836582.97	835761.43	1/F	9	1.5	75.217	25.158	13.420
ASR17_2	836582.97	835761.43	2/F	14.2	6.7	72.407	24.678	13.128
ASR17_3	836582.97	835761.43	3/F	17.2	9.7	68.627	24.005	12.757
ASR17_4	836582.97	835761.43	4/F	20.2	12.7	67.216	23.511	12.402
ASR17_5	836582.97	835761.43	5/F	23.1	15.6	63.476	23.174	12.113
ASR17_6	836582.97	835761.43	10/F	38	30.5	70.275	22.244	11.434
ASR17_7	836582.97	835761.43	20/F	67.8	60.3	48.196	20.149	10.511
ASR17_8	836582.97	835761.43	30/F	97.5	90	44.840	18.970	10.057
ASR18_1	836612.46	835795.17	1/F	9	1.5	74.330	25.060	13.604
ASR18_2	836612.46	835795.17	2/F	14.2	6.7	72.748	24.288	13.156
ASR18_3	836612.46	835795.17	3/F	17.2	9.7	68.007	23.589	12.435
ASR18_4	836612.46	835795.17	4/F	20.2	12.7	64.493	23.160	12.061
ASR18_5	836612.46	835795.17	5/F	23.1	15.6	60.781	22.789	11.830
ASR18_6	836612.46	835795.17	10/F	38	30.5	64.596	21.877	11.248
ASR18_7	836612.46	835795.17	20/F	67.8	60.3	47.946	19.989	10.432
ASR18_8	836612.46	835795.17	30/F	97.5	90	44.725	18.923	10.027
ASR19_1	836515.52	835679.95	G/F	9	1.5	80.986	25.558	13.703
ASR19_2	836515.52	835679.95	Top of G/F	12.5	5	80.355	25.336	13.625
ASR19_3	836515.52	835679.95	1/F	14	6.5	79.519	25.151	13.568
ASR19_4	836515.52	835679.95	2/F	19	11.5	72.658	24.837	13.241
ASR20_1	836500.82	835679.68	G/F	9	1.5	80.896	25.291	13.599
ASR20_2	836500.82	835679.68	Top of G/F	12.5	5	80.440	25.104	13.540
ASR20_3	836500.82	835679.68	1/F	14	6.5	79.368	25.089	13.495
ASR20_4	836500.82	835679.68	2/F	19	11.5	72.295	24.957	13.233
ASR21_1	836566.33	835898.68	G/F	13.5	1.5	65.886	22.902	11.957
ASR21_2	836566.33	835898.68	Top of G/F	15.5	3.5	66.800	22.928	11.949
ASR21_3	836566.33	835898.68	1/F	17	5	66.989	22.954	11.935
ASR22_1	836573.16	835946.72	G/F	13.5	1.5	66.982	22.607	11.884
ASR22_2	836573.16	835946.72	Top of G/F	15.5	3.5	66.971	22.561	11.833
ASR22_3	836573.16	835946.72	1/F	17	5	66.458	22.540	11.796
ASR23_1	836546.53	835583.5	G/F	6.4	1.5	104.659	32.035	18.377
ASR23_2	836546.53	835583.5	1/F	10.3	5.4	99.597	30.749	17.386
ASR23_3	836546.53	835583.5	2/F	14.2	9.3	87.060	28.072	15.308
ASR23_4	836546.53	835583.5	3/F	18.1	13.2	70.712	27.215	14.236
ASR23_5	836546.53	835583.5	4/F	22	17.1	62.465	25.724	13.562
ASR23_6	836546.53	835583.5	5/F	25.9	21	61.585	24.898	13.050
ASR23_7	836546.53	835583.5	6/F	29.8	24.9	63.052	24.445	12.680
ASR23_8	836546.53	835583.5	7/F	33.7	28.8	66.060	24.327	12.403
ASR24_1	836546.81	835549.47	G/F	6.4	1.5	123.141	47.170	27.804
ASR24_2	836546.81	835549.47	1/F	10.3	5.4	104.517	40.009	23.706
ASR24_3	836546.81	835549.47	2/F	14.2	9.3	91.014	33.665	19.129
ASR24_4	836546.81	835549.47	3/F	18.1	13.2	80.735	30.954	17.470
ASR24_5	836546.81	835549.47	4/F	22	17.1	74.798	29.890	16.505
ASR24_6	836546.81	835549.47	5/F	25.9	21	75.240	29.016	15.822
ASR24_7	836546.81	835549.47	6/F	29.8	24.9	77.637	28.348	15.358
ASR24_8	836546.81	835549.47	7/F	33.7	28.8	79.642	27.852	15.028

RSP, Summary Table

ASR ID	Location		Floor	Receiver Height	Flagpole Height	RSP (μg/m^3)	
						10th Highest 24-hour (AQO = 75)	Annuel (AQO = 30)
	X	Y		mPD	mAG	Total	Total
ASR1_1	836592.79	835701.9	G/F	9	1.5	51.452	20.280
ASR1_2	836592.79	835701.9	1/F	17.2	9.7	51.228	20.144
ASR1_3	836592.79	835701.9	2/F	20.2	12.7	51.198	20.129
ASR1_4	836592.79	835701.9	3/F	23.2	15.7	51.175	20.117
ASR1_5	836592.79	835701.9	4/F	26.1	18.6	51.158	20.107
ASR1_6	836592.79	835701.9	5/F	29.1	21.6	51.142	20.098
ASR1_7	836592.79	835701.9	10/F	44	36.5	51.087	20.061
ASR1_8	836592.79	835701.9	20/F	73.7	66.2	51.024	19.989
ASR1_9	836592.79	835701.9	27/F	94.6	87.1	50.997	19.961
ASR2_1	836574.16	835704.67	G/F	9	1.5	51.315	20.198
ASR2_2	836574.16	835704.67	1/F	17.2	9.7	51.233	20.148
ASR2_3	836574.16	835704.67	2/F	20.2	12.7	51.200	20.130
ASR2_4	836574.16	835704.67	3/F	23.2	15.7	51.174	20.115
ASR2_5	836574.16	835704.67	4/F	26.1	18.6	51.155	20.105
ASR2_6	836574.16	835704.67	5/F	29.1	21.6	51.139	20.096
ASR2_7	836574.16	835704.67	10/F	44	36.5	51.084	20.059
ASR2_8	836574.16	835704.67	20/F	73.7	66.2	51.022	19.988
ASR2_9	836574.16	835704.67	27/F	94.6	87.1	50.996	19.961
ASR3_1	836596.5	835737.45	G/F	9	1.5	51.324	20.201
ASR3_2	836596.5	835737.45	1/F	17.2	9.7	51.196	20.118
ASR3_3	836596.5	835737.45	2/F	20.2	12.7	51.165	20.102
ASR3_4	836596.5	835737.45	3/F	23.2	15.7	51.143	20.090
ASR3_5	836596.5	835737.45	4/F	26.1	18.6	51.126	20.081
ASR3_6	836596.5	835737.45	5/F	29.1	21.6	51.113	20.073
ASR3_7	836596.5	835737.45	10/F	44	36.5	51.064	20.040
ASR3_8	836596.5	835737.45	20/F	73.7	66.2	51.011	19.977
ASR3_9	836596.5	835737.45	27/F	94.6	87.1	50.989	19.953
ASR4_1	836573.13	835661.93	G/F	9	1.5	51.436	20.273
ASR4_2	836573.13	835661.93	1/F	17.2	9.7	51.292	20.186
ASR4_3	836573.13	835661.93	2/F	20.2	12.7	51.256	20.168
ASR4_4	836573.13	835661.93	3/F	23.2	15.7	51.229	20.153
ASR4_5	836573.13	835661.93	4/F	26.1	18.6	51.209	20.142
ASR4_6	836573.13	835661.93	5/F	29.1	21.6	51.191	20.132
ASR4_7	836573.13	835661.93	10/F	44	36.5	51.128	20.088
ASR4_8	836573.13	835661.93	20/F	73.7	66.2	51.044	20.004
ASR4_9	836573.13	835661.93	23/F	82.7	75.2	51.028	19.988
ASR5_1	836543.7	835662.04	G/F	9	1.5	51.345	20.219
ASR5_2	836543.7	835662.04	1/F	17.2	9.7	51.290	20.189
ASR5_3	836543.7	835662.04	2/F	20.2	12.7	51.259	20.172
ASR5_4	836543.7	835662.04	3/F	23.2	15.7	51.229	20.155
ASR5_5	836543.7	835662.04	4/F	26.1	18.6	51.207	20.142
ASR5_6	836543.7	835662.04	5/F	29.1	21.6	51.189	20.131
ASR5_7	836543.7	835662.04	10/F	44	36.5	51.126	20.088
ASR5_8	836543.7	835662.04	20/F	73.7	66.2	51.044	20.004
ASR5_9	836543.7	835662.04	23/F	82.7	75.2	51.029	19.988
ASR6_1	836541.26	835684.49	G/F	9	1.5	51.293	20.186
ASR6_2	836541.26	835684.49	1/F	17.2	9.7	51.251	20.165
ASR6_3	836541.26	835684.49	2/F	20.2	12.7	51.225	20.150
ASR6_4	836541.26	835684.49	3/F	23.2	15.7	51.199	20.134
ASR6_5	836541.26	835684.49	4/F	26.1	18.6	51.178	20.122
ASR6_6	836541.26	835684.49	5/F	29.1	21.6	51.160	20.112
ASR6_7	836541.26	835684.49	10/F	44	36.5	51.101	20.072
ASR6_8	836541.26	835684.49	20/F	73.7	66.2	51.031	19.995
ASR6_9	836541.26	835684.49	23/F	94.6	87.1	51.002	19.966
ASR7_1	836517.25	835722.3	G/F	9	1.5	51.210	20.135
ASR7_2	836517.25	835722.3	1/F	17.2	9.7	51.191	20.127
ASR7_3	836517.25	835722.3	2/F	20.2	12.7	51.175	20.117
ASR7_4	836517.25	835722.3	3/F	23.2	15.7	51.156	20.106
ASR7_5	836517.25	835722.3	4/F	26.1	18.6	51.139	20.096
ASR7_6	836517.25	835722.3	5/F	29.1	21.6	51.124	20.087
ASR7_7	836517.25	835722.3	10/F	44	36.5	51.069	20.051
ASR7_8	836517.25	835722.3	20/F	73.7	66.2	51.013	19.981
ASR7_9	836517.25	835722.3	27/F	94.6	87.1	50.990	19.958
ASR8_1	836538.05	835720.06	G/F	9	1.5	51.225	20.144
ASR8_2	836538.05	835720.06	1/F	17.2	9.7	51.199	20.131
ASR8_3	836538.05	835720.06	2/F	20.2	12.7	51.180	20.120
ASR8_4	836538.05	835720.06	3/F	23.2	15.7	51.159	20.107
ASR8_5	836538.05	835720.06	4/F	26.1	18.6	51.141	20.096
ASR8_6	836538.05	835720.06	5/F	29.1	21.6	51.125	20.087
ASR8_7	836538.05	835720.06	10/F	44	36.5	51.071	20.051
ASR8_8	836538.05	835720.06	20/F	73.7	66.2	51.015	19.982
ASR8_9	836538.05	835720.06	27/F	94.6	87.1	50.992	19.958
ASR9_1	836548.22	835756.05	G/F	9	1.5	51.182	20.112
ASR9_2	836548.22	835756.05	1/F	17.2	9.7	51.162	20.102
ASR9_3	836548.22	835756.05	2/F	20.2	12.7	51.146	20.093
ASR9_4	836548.22	835756.05	3/F	23.2	15.7	51.127	20.082
ASR9_5	836548.22	835756.05	4/F	26.1	18.6	51.112	20.072
ASR9_6	836548.22	835756.05	5/F	29.1	21.6	51.098	20.064
ASR9_7	836548.22	835756.05	10/F	44	36.5	51.050	20.032
ASR9_8	836548.22	835756.05	20/F	73.7	66.2	51.002	19.971
ASR9_9	836548.22	835756.05	28/F	97.5	90	50.981	19.948
ASR10_1	836530.01	835760.26	G/F	9	1.5	51.168	20.105
ASR10_2	836530.01	835760.26	1/F	17.2	9.7	51.154	20.098
ASR10_3	836530.01	835760.26	2/F	20.2	12.7	51.140	20.090
ASR10_4	836530.01	835760.26	3/F	23.2	15.7	51.124	20.080
ASR10_5	836530.01	835760.26	4/F	26.1	18.6	51.109	20.071
ASR10_6	836530.01	835760.26	5/F	29.1	21.6	51.096	20.063
ASR10_7	836530.01	835760.26	10/F	44	36.5	51.048	20.031
ASR10_8	836530.01	835760.26	20/F	73.7	66.2	51.000	19.970
ASR10_9	836530.01	835760.26	28/F	97.5	90	50.980	19.947
ASR11_1	836553.06	835795.36	G/F	9	1.5	51.144	20.081
ASR11_2	836553.06	835795.36	1/F	17.2	9.7	51.130	20.075
ASR11_3	836553.06	835795.36	2/F	20.2	12.7	51.117	20.067
ASR11_4	836553.06	835795.36	3/F	23.2	15.7	51.102	20.058
ASR11_5	836553.06	835795.36	4/F	26.1	18.6	51.089	20.050
ASR11_6	836553.06	835795.36	5/F	29.1	21.6	51.077	20.043
ASR11_7	836553.06	835795.36	10/F	44	36.5	51.034	20.014
ASR11_8	836553.06	835795.36	20/F	73.7	66.2	50.992	19.960
ASR11_9	836553.06	835795.36	28/F	97.5	90	50.974	19.940

RSP, Summary Table

ASR ID	Location		Floor	Receiver Height	Flagpole Height	RSP (μg/m^3)	
						10th Highest 24-hour (AQO = 75)	Annuel (AQO = 30)
	X	Y		mPD	mAG	Total	Total
ASR12_1	836555.74	835829.36	G/F	10.5	1.5	51.120	20.059
ASR12_2	836555.74	835829.36	1/F	20.2	11.2	51.100	20.050
ASR12_3	836555.74	835829.36	2/F	23.2	14.2	51.086	20.041
ASR12_4	836555.74	835829.36	3/F	26.2	17.2	51.074	20.034
ASR12_5	836555.74	835829.36	4/F	29.1	20.1	51.063	20.027
ASR12_6	836555.74	835829.36	5/F	32.1	23.1	51.054	20.021
ASR12_7	836555.74	835829.36	10/F	47	38	51.018	19.996
ASR12_8	836555.74	835829.36	20/F	76.7	67.7	50.982	19.949
ASR12_9	836555.74	835829.36	27/F	97.6	88.6	50.969	19.935
ASR13_1	836588.47	835858.7	G/F	10.5	1.5	51.116	20.048
ASR13_2	836588.47	835858.7	1/F	20.2	11.2	51.092	20.035
ASR13_3	836588.47	835858.7	2/F	23.2	14.2	51.076	20.026
ASR13_4	836588.47	835858.7	3/F	26.2	17.2	51.063	20.018
ASR13_5	836588.47	835858.7	4/F	29.1	20.1	51.053	20.011
ASR13_6	836588.47	835858.7	5/F	32.1	23.1	51.043	20.006
ASR13_7	836588.47	835858.7	10/F	47	38	51.010	19.984
ASR13_8	836588.47	835858.7	20/F	76.7	67.7	50.978	19.943
ASR13_9	836588.47	835858.7	27/F	97.6	88.6	50.966	19.930
ASR14_1	836630.77	835868.67	G/F	13.5	1.5	51.172	20.078
ASR14_2	836630.77	835868.67	1/F	23.2	11.2	51.074	20.017
ASR14_3	836630.77	835868.67	2/F	26.2	14.2	51.061	20.010
ASR14_4	836630.77	835868.67	3/F	29.2	17.2	51.052	20.004
ASR14_5	836630.77	835868.67	4/F	32.1	20.1	51.044	20.000
ASR14_6	836630.77	835868.67	5/F	35.1	23.1	51.036	19.995
ASR14_7	836630.77	835868.67	10/F	50	38	51.006	19.975
ASR14_8	836630.77	835868.67	20/F	79.7	67.7	50.976	19.938
ASR14_9	836630.77	835868.67	27/F	100.6	88.6	50.965	19.927
ASR15_1	836634.16	835915.85	G/F	13.5	1.5	51.146	20.057
ASR15_2	836634.16	835915.85	1/F	23.2	11.2	51.054	19.999
ASR15_3	836634.16	835915.85	2/F	26.2	14.2	51.043	19.992
ASR15_4	836634.16	835915.85	3/F	29.2	17.2	51.034	19.987
ASR15_5	836634.16	835915.85	4/F	32.1	20.1	51.027	19.983
ASR15_6	836634.16	835915.85	5/F	35.1	23.1	51.020	19.979
ASR15_7	836634.16	835915.85	10/F	50	38	50.993	19.962
ASR15_8	836634.16	835915.85	20/F	79.7	67.7	50.967	19.930
ASR15_9	836634.16	835915.85	27/F	100.6	88.6	50.958	19.921
ASR16_1	836616.17	835774.73	1/F	9	1.5	51.280	20.157
ASR16_2	836616.17	835774.73	2/F	14.2	6.7	51.219	20.118
ASR16_3	836616.17	835774.73	3/F	17.2	9.7	51.164	20.088
ASR16_4	836616.17	835774.73	4/F	20.2	12.7	51.137	20.075
ASR16_5	836616.17	835774.73	5/F	23.1	15.6	51.118	20.065
ASR16_6	836616.17	835774.73	10/F	38	30.5	51.063	20.032
ASR16_7	836616.17	835774.73	20/F	67.8	60.3	51.008	19.974
ASR16_8	836616.17	835774.73	30/F	97.5	90	50.980	19.943
ASR17_1	836582.97	835761.43	1/F	9	1.5	51.208	20.124
ASR17_2	836582.97	835761.43	2/F	14.2	6.7	51.189	20.113
ASR17_3	836582.97	835761.43	3/F	17.2	9.7	51.170	20.102
ASR17_4	836582.97	835761.43	4/F	20.2	12.7	51.147	20.088
ASR17_5	836582.97	835761.43	5/F	23.1	15.6	51.126	20.076
ASR17_6	836582.97	835761.43	10/F	38	30.5	51.066	20.040
ASR17_7	836582.97	835761.43	20/F	67.8	60.3	51.010	19.978
ASR17_8	836582.97	835761.43	30/F	97.5	90	50.981	19.946
ASR18_1	836612.46	835795.17	1/F	9	1.5	51.211	20.114
ASR18_2	836612.46	835795.17	2/F	14.2	6.7	51.189	20.098
ASR18_3	836612.46	835795.17	3/F	17.2	9.7	51.153	20.077
ASR18_4	836612.46	835795.17	4/F	20.2	12.7	51.126	20.063
ASR18_5	836612.46	835795.17	5/F	23.1	15.6	51.107	20.053
ASR18_6	836612.46	835795.17	10/F	38	30.5	51.053	20.021
ASR18_7	836612.46	835795.17	20/F	67.8	60.3	51.002	19.968
ASR18_8	836612.46	835795.17	30/F	97.5	90	50.977	19.939
ASR19_1	836515.52	835679.95	G/F	9	1.5	51.277	20.179
ASR19_2	836515.52	835679.95	Top of G/F	12.5	5	51.267	20.175
ASR19_3	836515.52	835679.95	1/F	14	6.5	51.262	20.172
ASR19_4	836515.52	835679.95	2/F	19	11.5	51.237	20.160
ASR20_1	836500.82	835679.68	G/F	9	1.5	51.268	20.175
ASR20_2	836500.82	835679.68	Top of G/F	12.5	5	51.260	20.172
ASR20_3	836500.82	835679.68	1/F	14	6.5	51.256	20.170
ASR20_4	836500.82	835679.68	2/F	19	11.5	51.235	20.159
ASR21_1	836566.33	835898.68	G/F	13.5	1.5	51.086	20.027
ASR21_2	836566.33	835898.68	Top of G/F	15.5	3.5	51.084	20.026
ASR21_3	836566.33	835898.68	1/F	17	5	51.083	20.025
ASR22_1	836573.16	835946.72	G/F	13.5	1.5	51.074	20.012
ASR22_2	836573.16	835946.72	Top of G/F	15.5	3.5	51.071	20.011
ASR22_3	836573.16	835946.72	1/F	17	5	51.069	20.010
ASR23_1	836546.53	835583.5	G/F	6.4	1.5	51.625	20.414
ASR23_2	836546.53	835583.5	1/F	10.3	5.4	51.575	20.383
ASR23_3	836546.53	835583.5	2/F	14.2	9.3	51.466	20.322
ASR23_4	836546.53	835583.5	3/F	18.1	13.2	51.405	20.291
ASR23_5	836546.53	835583.5	4/F	22	17.1	51.366	20.265
ASR23_6	836546.53	835583.5	5/F	25.9	21	51.343	20.244
ASR23_7	836546.53	835583.5	6/F	29.8	24.9	51.325	20.228
ASR23_8	836546.53	835583.5	7/F	33.7	28.8	51.307	20.213
ASR24_1	836546.81	835549.47	G/F	6.4	1.5	51.935	20.610
ASR24_2	836546.81	835549.47	1/F	10.3	5.4	51.840	20.488
ASR24_3	836546.81	835549.47	2/F	14.2	9.3	51.666	20.360
ASR24_4	836546.81	835549.47	3/F	18.1	13.2	51.597	20.320
ASR24_5	836546.81	835549.47	4/F	22	17.1	51.543	20.293
ASR24_6	836546.81	835549.47	5/F	25.9	21	51.505	20.277
ASR24_7	836546.81	835549.47	6/F	29.8	24.9	51.480	20.267
ASR24_8	836546.81	835549.47	7/F	33.7	28.8	51.457	20.258

FSP, Summary Table

ASR ID	Location		Floor	Receiver Height	Flagpole Height	FSP (μg/m^3)	
						19th Highest 24-hour (AQO = 37.5)	Annuel (AQO = 15)
	X	Y		mPD	mAG	Total	Total
ASR1_1	836592.79	835701.9	G/F	9	1.5	30.640	12.605
ASR1_2	836592.79	835701.9	1/F	17.2	9.7	30.499	12.481
ASR1_3	836592.79	835701.9	2/F	20.2	12.7	30.483	12.467
ASR1_4	836592.79	835701.9	3/F	23.2	15.7	30.471	12.456
ASR1_5	836592.79	835701.9	4/F	26.1	18.6	30.462	12.447
ASR1_6	836592.79	835701.9	5/F	29.1	21.6	30.455	12.440
ASR1_7	836592.79	835701.9	10/F	44	36.5	30.428	12.406
ASR1_8	836592.79	835701.9	20/F	73.7	66.2	30.389	12.341
ASR1_9	836592.79	835701.9	27/F	94.6	87.1	30.370	12.316
ASR2_1	836574.16	835704.67	G/F	9	1.5	30.546	12.530
ASR2_2	836574.16	835704.67	1/F	17.2	9.7	30.498	12.486
ASR2_3	836574.16	835704.67	2/F	20.2	12.7	30.481	12.469
ASR2_4	836574.16	835704.67	3/F	23.2	15.7	30.468	12.455
ASR2_5	836574.16	835704.67	4/F	26.1	18.6	30.459	12.446
ASR2_6	836574.16	835704.67	5/F	29.1	21.6	30.452	12.438
ASR2_7	836574.16	835704.67	10/F	44	36.5	30.425	12.405
ASR2_8	836574.16	835704.67	20/F	73.7	66.2	30.387	12.340
ASR2_9	836574.16	835704.67	27/F	94.6	87.1	30.368	12.316
ASR3_1	836596.5	835737.45	G/F	9	1.5	30.562	12.535
ASR3_2	836596.5	835737.45	1/F	17.2	9.7	30.481	12.459
ASR3_3	836596.5	835737.45	2/F	20.2	12.7	30.464	12.444
ASR3_4	836596.5	835737.45	3/F	23.2	15.7	30.452	12.433
ASR3_5	836596.5	835737.45	4/F	26.1	18.6	30.444	12.425
ASR3_6	836596.5	835737.45	5/F	29.1	21.6	30.437	12.418
ASR3_7	836596.5	835737.45	10/F	44	36.5	30.414	12.388
ASR3_8	836596.5	835737.45	20/F	73.7	66.2	30.381	12.331
ASR3_9	836596.5	835737.45	27/F	94.6	87.1	30.365	12.310
ASR4_1	836573.13	835661.93	G/F	9	1.5	30.644	12.596
ASR4_2	836573.13	835661.93	1/F	17.2	9.7	30.532	12.518
ASR4_3	836573.13	835661.93	2/F	20.2	12.7	30.513	12.501
ASR4_4	836573.13	835661.93	3/F	23.2	15.7	30.499	12.488
ASR4_5	836573.13	835661.93	4/F	26.1	18.6	30.489	12.477
ASR4_6	836573.13	835661.93	5/F	29.1	21.6	30.481	12.468
ASR4_7	836573.13	835661.93	10/F	44	36.5	30.447	12.430
ASR4_8	836573.13	835661.93	20/F	73.7	66.2	30.398	12.354
ASR4_9	836573.13	835661.93	23/F	82.7	75.2	30.388	12.339
ASR5_1	836543.7	835662.04	G/F	9	1.5	30.582	12.547
ASR5_2	836543.7	835662.04	1/F	17.2	9.7	30.542	12.521
ASR5_3	836543.7	835662.04	2/F	20.2	12.7	30.519	12.506
ASR5_4	836543.7	835662.04	3/F	23.2	15.7	30.498	12.490
ASR5_5	836543.7	835662.04	4/F	26.1	18.6	30.487	12.478
ASR5_6	836543.7	835662.04	5/F	29.1	21.6	30.478	12.468
ASR5_7	836543.7	835662.04	10/F	44	36.5	30.444	12.430
ASR5_8	836543.7	835662.04	20/F	73.7	66.2	30.395	12.353
ASR5_9	836543.7	835662.04	23/F	82.7	75.2	30.385	12.340
ASR6_1	836541.26	835684.49	G/F	9	1.5	30.537	12.519
ASR6_2	836541.26	835684.49	1/F	17.2	9.7	30.506	12.501
ASR6_3	836541.26	835684.49	2/F	20.2	12.7	30.491	12.487
ASR6_4	836541.26	835684.49	3/F	23.2	15.7	30.478	12.473
ASR6_5	836541.26	835684.49	4/F	26.1	18.6	30.468	12.462
ASR6_6	836541.26	835684.49	5/F	29.1	21.6	30.460	12.452
ASR6_7	836541.26	835684.49	10/F	44	36.5	30.430	12.417
ASR6_8	836541.26	835684.49	20/F	73.7	66.2	30.388	12.346
ASR6_9	836541.26	835684.49	23/F	94.6	87.1	30.368	12.321
ASR7_1	836517.25	835722.3	G/F	9	1.5	30.472	12.475
ASR7_2	836517.25	835722.3	1/F	17.2	9.7	30.463	12.468
ASR7_3	836517.25	835722.3	2/F	20.2	12.7	30.456	12.460
ASR7_4	836517.25	835722.3	3/F	23.2	15.7	30.447	12.449
ASR7_5	836517.25	835722.3	4/F	26.1	18.6	30.439	12.440
ASR7_6	836517.25	835722.3	5/F	29.1	21.6	30.433	12.432
ASR7_7	836517.25	835722.3	10/F	44	36.5	30.408	12.400
ASR7_8	836517.25	835722.3	20/F	73.7	66.2	30.375	12.335
ASR7_9	836517.25	835722.3	27/F	94.6	87.1	30.360	12.314
ASR8_1	836538.05	835720.06	G/F	9	1.5	30.484	12.482
ASR8_2	836538.05	835720.06	1/F	17.2	9.7	30.473	12.472
ASR8_3	836538.05	835720.06	2/F	20.2	12.7	30.464	12.461
ASR8_4	836538.05	835720.06	3/F	23.2	15.7	30.453	12.449
ASR8_5	836538.05	835720.06	4/F	26.1	18.6	30.444	12.439
ASR8_6	836538.05	835720.06	5/F	29.1	21.6	30.437	12.431
ASR8_7	836538.05	835720.06	10/F	44	36.5	30.413	12.399
ASR8_8	836538.05	835720.06	20/F	73.7	66.2	30.379	12.335
ASR8_9	836538.05	835720.06	27/F	94.6	87.1	30.362	12.314
ASR9_1	836548.22	835756.05	G/F	9	1.5	30.460	12.455
ASR9_2	836548.22	835756.05	1/F	17.2	9.7	30.451	12.447
ASR9_3	836548.22	835756.05	2/F	20.2	12.7	30.444	12.438
ASR9_4	836548.22	835756.05	3/F	23.2	15.7	30.434	12.427
ASR9_5	836548.22	835756.05	4/F	26.1	18.6	30.427	12.419
ASR9_6	836548.22	835756.05	5/F	29.1	21.6	30.421	12.411
ASR9_7	836548.22	835756.05	10/F	44	36.5	30.400	12.382
ASR9_8	836548.22	835756.05	20/F	73.7	66.2	30.372	12.326
ASR9_9	836548.22	835756.05	28/F	97.5	90	30.356	12.305
ASR10_1	836530.01	835760.26	G/F	9	1.5	30.449	12.448
ASR10_2	836530.01	835760.26	1/F	17.2	9.7	30.442	12.443
ASR10_3	836530.01	835760.26	2/F	20.2	12.7	30.436	12.436
ASR10_4	836530.01	835760.26	3/F	23.2	15.7	30.428	12.426
ASR10_5	836530.01	835760.26	4/F	26.1	18.6	30.422	12.418
ASR10_6	836530.01	835760.26	5/F	29.1	21.6	30.416	12.411
ASR10_7	836530.01	835760.26	10/F	44	36.5	30.396	12.382
ASR10_8	836530.01	835760.26	20/F	73.7	66.2	30.369	12.325
ASR10_9	836530.01	835760.26	28/F	97.5	90	30.354	12.305
ASR11_1	836553.06	835795.36	G/F	9	1.5	30.436	12.428
ASR11_2	836553.06	835795.36	1/F	17.2	9.7	30.430	12.422
ASR11_3	836553.06	835795.36	2/F	20.2	12.7	30.424	12.416
ASR11_4	836553.06	835795.36	3/F	23.2	15.7	30.416	12.407
ASR11_5	836553.06	835795.36	4/F	26.1	18.6	30.410	12.399
ASR11_6	836553.06	835795.36	5/F	29.1	21.6	30.405	12.393
ASR11_7	836553.06	835795.36	10/F	44	36.5	30.387	12.367
ASR11_8	836553.06	835795.36	20/F	73.7	66.2	30.363	12.316
ASR11_9	836553.06	835795.36	28/F	97.5	90	30.350	12.299

FSP, Summary Table

ASR ID	Location		Floor	Receiver Height	Flagpole Height	FSP (µg/m^3)	
						19th Highest 24-hour (AQO = 37.5)	Annuel (AQO = 15)
	X	Y		mPD	mAG	Total	Total
ASR12_1	836555.74	835829.36	G/F	10.5	1.5	30.418	12.409
ASR12_2	836555.74	835829.36	1/F	20.2	11.2	30.409	12.400
ASR12_3	836555.74	835829.36	2/F	23.2	14.2	30.403	12.392
ASR12_4	836555.74	835829.36	3/F	26.2	17.2	30.397	12.385
ASR12_5	836555.74	835829.36	4/F	29.1	20.1	30.392	12.379
ASR12_6	836555.74	835829.36	5/F	32.1	23.1	30.388	12.374
ASR12_7	836555.74	835829.36	10/F	47	38	30.374	12.351
ASR12_8	836555.74	835829.36	20/F	76.7	67.7	30.355	12.307
ASR12_9	836555.74	835829.36	27/F	97.6	88.6	30.345	12.295
ASR13_1	836588.47	835858.7	G/F	10.5	1.5	30.415	12.399
ASR13_2	836588.47	835858.7	1/F	20.2	11.2	30.403	12.387
ASR13_3	836588.47	835858.7	2/F	23.2	14.2	30.395	12.379
ASR13_4	836588.47	835858.7	3/F	26.2	17.2	30.388	12.371
ASR13_5	836588.47	835858.7	4/F	29.1	20.1	30.383	12.365
ASR13_6	836588.47	835858.7	5/F	32.1	23.1	30.379	12.360
ASR13_7	836588.47	835858.7	10/F	47	38	30.367	12.340
ASR13_8	836588.47	835858.7	20/F	76.7	67.7	30.350	12.301
ASR13_9	836588.47	835858.7	27/F	97.6	88.6	30.342	12.290
ASR14_1	836630.77	835868.67	G/F	13.5	1.5	30.456	12.426
ASR14_2	836630.77	835868.67	1/F	23.2	11.2	30.392	12.370
ASR14_3	836630.77	835868.67	2/F	26.2	14.2	30.385	12.364
ASR14_4	836630.77	835868.67	3/F	29.2	17.2	30.380	12.359
ASR14_5	836630.77	835868.67	4/F	32.1	20.1	30.376	12.354
ASR14_6	836630.77	835868.67	5/F	35.1	23.1	30.374	12.350
ASR14_7	836630.77	835868.67	10/F	50	38	30.363	12.332
ASR14_8	836630.77	835868.67	20/F	79.7	67.7	30.348	12.298
ASR14_9	836630.77	835868.67	27/F	100.6	88.6	30.341	12.288
ASR15_1	836634.16	835915.85	G/F	13.5	1.5	30.436	12.407
ASR15_2	836634.16	835915.85	1/F	23.2	11.2	30.376	12.355
ASR15_3	836634.16	835915.85	2/F	26.2	14.2	30.369	12.348
ASR15_4	836634.16	835915.85	3/F	29.2	17.2	30.364	12.344
ASR15_5	836634.16	835915.85	4/F	32.1	20.1	30.361	12.340
ASR15_6	836634.16	835915.85	5/F	35.1	23.1	30.359	12.337
ASR15_7	836634.16	835915.85	10/F	50	38	30.351	12.321
ASR15_8	836634.16	835915.85	20/F	79.7	67.7	30.339	12.291
ASR15_9	836634.16	835915.85	27/F	100.6	88.6	30.334	12.283
ASR16_1	836616.17	835774.73	1/F	9	1.5	30.529	12.495
ASR16_2	836616.17	835774.73	2/F	14.2	6.7	30.491	12.460
ASR16_3	836616.17	835774.73	3/F	17.2	9.7	30.459	12.432
ASR16_4	836616.17	835774.73	4/F	20.2	12.7	30.444	12.421
ASR16_5	836616.17	835774.73	5/F	23.1	15.6	30.434	12.412
ASR16_6	836616.17	835774.73	10/F	38	30.5	30.408	12.382
ASR16_7	836616.17	835774.73	20/F	67.8	60.3	30.378	12.329
ASR16_8	836616.17	835774.73	30/F	97.5	90	30.358	12.301
ASR17_1	836582.97	835761.43	1/F	9	1.5	30.482	12.465
ASR17_2	836582.97	835761.43	2/F	14.2	6.7	30.472	12.456
ASR17_3	836582.97	835761.43	3/F	17.2	9.7	30.462	12.445
ASR17_4	836582.97	835761.43	4/F	20.2	12.7	30.450	12.433
ASR17_5	836582.97	835761.43	5/F	23.1	15.6	30.439	12.422
ASR17_6	836582.97	835761.43	10/F	38	30.5	30.411	12.389
ASR17_7	836582.97	835761.43	20/F	67.8	60.3	30.379	12.332
ASR17_8	836582.97	835761.43	30/F	97.5	90	30.358	12.304
ASR18_1	836612.46	835795.17	1/F	9	1.5	30.483	12.456
ASR18_2	836612.46	835795.17	2/F	14.2	6.7	30.470	12.443
ASR18_3	836612.46	835795.17	3/F	17.2	9.7	30.448	12.423
ASR18_4	836612.46	835795.17	4/F	20.2	12.7	30.434	12.411
ASR18_5	836612.46	835795.17	5/F	23.1	15.6	30.424	12.401
ASR18_6	836612.46	835795.17	10/F	38	30.5	30.399	12.373
ASR18_7	836612.46	835795.17	20/F	67.8	60.3	30.372	12.323
ASR18_8	836612.46	835795.17	30/F	97.5	90	30.354	12.298
ASR19_1	836515.52	835679.95	G/F	9	1.5	30.532	12.513
ASR19_2	836515.52	835679.95	Top of G/F	12.5	5	30.525	12.510
ASR19_3	836515.52	835679.95	1/F	14	6.5	30.521	12.508
ASR19_4	836515.52	835679.95	2/F	19	11.5	30.503	12.497
ASR20_1	836500.82	835679.68	G/F	9	1.5	30.528	12.510
ASR20_2	836500.82	835679.68	Top of G/F	12.5	5	30.523	12.507
ASR20_3	836500.82	835679.68	1/F	14	6.5	30.519	12.506
ASR20_4	836500.82	835679.68	2/F	19	11.5	30.504	12.497
ASR21_1	836566.33	835898.68	G/F	13.5	1.5	30.392	12.380
ASR21_2	836566.33	835898.68	Top of G/F	15.5	3.5	30.391	12.380
ASR21_3	836566.33	835898.68	1/F	17	5	30.391	12.379
ASR22_1	836573.16	835946.72	G/F	13.5	1.5	30.382	12.368
ASR22_2	836573.16	835946.72	Top of G/F	15.5	3.5	30.380	12.367
ASR22_3	836573.16	835946.72	1/F	17	5	30.379	12.366
ASR23_1	836546.53	835583.5	G/F	6.4	1.5	30.837	12.720
ASR23_2	836546.53	835583.5	1/F	10.3	5.4	30.801	12.691
ASR23_3	836546.53	835583.5	2/F	14.2	9.3	30.731	12.636
ASR23_4	836546.53	835583.5	3/F	18.1	13.2	30.695	12.608
ASR23_5	836546.53	835583.5	4/F	22	17.1	30.662	12.584
ASR23_6	836546.53	835583.5	5/F	25.9	21	30.634	12.565
ASR23_7	836546.53	835583.5	6/F	29.8	24.9	30.610	12.550
ASR23_8	836546.53	835583.5	7/F	33.7	28.8	30.588	12.536
ASR24_1	836546.81	835549.47	G/F	6.4	1.5	30.831	12.954
ASR24_2	836546.81	835549.47	1/F	10.3	5.4	30.741	12.843
ASR24_3	836546.81	835549.47	2/F	14.2	9.3	30.627	12.725
ASR24_4	836546.81	835549.47	3/F	18.1	13.2	30.599	12.688
ASR24_5	836546.81	835549.47	4/F	22	17.1	30.584	12.662
ASR24_6	836546.81	835549.47	5/F	25.9	21	30.581	12.646
ASR24_7	836546.81	835549.47	6/F	29.8	24.9	30.580	12.636
ASR24_8	836546.81	835549.47	7/F	33.7	28.8	30.575	12.627

SO_2 Summary Table

ASR ID	Location		Floor	Receiver Height	Flagpole Height	SO_2 (μg/m^3)	
						4th Highest 10-minute (AQO = 500)	4th Highest 24-hour (AQO = 40)
	X	Y		mPD	mAG	Total	Total
ASR1_1	836592.79	835701.9	G/F	9	1.5	24.582	6.678
ASR1_2	836592.79	835701.9	1/F	17.2	9.7	24.581	6.678
ASR1_3	836592.79	835701.9	2/F	20.2	12.7	24.581	6.678
ASR1_4	836592.79	835701.9	3/F	23.2	15.7	24.580	6.677
ASR1_5	836592.79	835701.9	4/F	26.1	18.6	24.580	6.677
ASR1_6	836592.79	835701.9	5/F	29.1	21.6	24.580	6.677
ASR1_7	836592.79	835701.9	10/F	44	36.5	24.579	6.676
ASR1_8	836592.79	835701.9	20/F	73.7	66.2	24.577	6.676
ASR1_9	836592.79	835701.9	27/F	94.6	87.1	24.576	6.675
ASR2_1	836574.16	835704.67	G/F	9	1.5	24.582	6.678
ASR2_2	836574.16	835704.67	1/F	17.2	9.7	24.581	6.678
ASR2_3	836574.16	835704.67	2/F	20.2	12.7	24.581	6.678
ASR2_4	836574.16	835704.67	3/F	23.2	15.7	24.580	6.677
ASR2_5	836574.16	835704.67	4/F	26.1	18.6	24.580	6.677
ASR2_6	836574.16	835704.67	5/F	29.1	21.6	24.580	6.677
ASR2_7	836574.16	835704.67	10/F	44	36.5	24.579	6.676
ASR2_8	836574.16	835704.67	20/F	73.7	66.2	24.577	6.676
ASR2_9	836574.16	835704.67	27/F	94.6	87.1	24.576	6.675
ASR3_1	836596.5	835737.45	G/F	9	1.5	24.580	6.678
ASR3_2	836596.5	835737.45	1/F	17.2	9.7	24.579	6.678
ASR3_3	836596.5	835737.45	2/F	20.2	12.7	24.579	6.677
ASR3_4	836596.5	835737.45	3/F	23.2	15.7	24.579	6.677
ASR3_5	836596.5	835737.45	4/F	26.1	18.6	24.578	6.677
ASR3_6	836596.5	835737.45	5/F	29.1	21.6	24.578	6.677
ASR3_7	836596.5	835737.45	10/F	44	36.5	24.577	6.676
ASR3_8	836596.5	835737.45	20/F	73.7	66.2	24.576	6.676
ASR3_9	836596.5	835737.45	27/F	94.6	87.1	24.575	6.675
ASR4_1	836573.13	835661.93	G/F	9	1.5	24.586	6.679
ASR4_2	836573.13	835661.93	1/F	17.2	9.7	24.585	6.679
ASR4_3	836573.13	835661.93	2/F	20.2	12.7	24.584	6.679
ASR4_4	836573.13	835661.93	3/F	23.2	15.7	24.584	6.678
ASR4_5	836573.13	835661.93	4/F	26.1	18.6	24.583	6.678
ASR4_6	836573.13	835661.93	5/F	29.1	21.6	24.583	6.678
ASR4_7	836573.13	835661.93	10/F	44	36.5	24.581	6.677
ASR4_8	836573.13	835661.93	20/F	73.7	66.2	24.579	6.676
ASR4_9	836573.13	835661.93	23/F	82.7	75.2	24.578	6.676
ASR5_1	836543.7	835662.04	G/F	9	1.5	24.586	6.679
ASR5_2	836543.7	835662.04	1/F	17.2	9.7	24.585	6.679
ASR5_3	836543.7	835662.04	2/F	20.2	12.7	24.585	6.679
ASR5_4	836543.7	835662.04	3/F	23.2	15.7	24.584	6.678
ASR5_5	836543.7	835662.04	4/F	26.1	18.6	24.584	6.678
ASR5_6	836543.7	835662.04	5/F	29.1	21.6	24.583	6.678
ASR5_7	836543.7	835662.04	10/F	44	36.5	24.582	6.677
ASR5_8	836543.7	835662.04	20/F	73.7	66.2	24.579	6.676
ASR5_9	836543.7	835662.04	23/F	82.7	75.2	24.578	6.676
ASR6_1	836541.26	835684.49	G/F	9	1.5	24.584	6.678
ASR6_2	836541.26	835684.49	1/F	17.2	9.7	24.583	6.678
ASR6_3	836541.26	835684.49	2/F	20.2	12.7	24.582	6.678
ASR6_4	836541.26	835684.49	3/F	23.2	15.7	24.582	6.678
ASR6_5	836541.26	835684.49	4/F	26.1	18.6	24.582	6.678
ASR6_6	836541.26	835684.49	5/F	29.1	21.6	24.581	6.677
ASR6_7	836541.26	835684.49	10/F	44	36.5	24.580	6.677
ASR6_8	836541.26	835684.49	20/F	73.7	66.2	24.578	6.676
ASR6_9	836541.26	835684.49	23/F	94.6	87.1	24.577	6.675
ASR7_1	836517.25	835722.3	G/F	9	1.5	24.581	6.678
ASR7_2	836517.25	835722.3	1/F	17.2	9.7	24.580	6.678
ASR7_3	836517.25	835722.3	2/F	20.2	12.7	24.580	6.678
ASR7_4	836517.25	835722.3	3/F	23.2	15.7	24.580	6.677
ASR7_5	836517.25	835722.3	4/F	26.1	18.6	24.579	6.677
ASR7_6	836517.25	835722.3	5/F	29.1	21.6	24.579	6.677
ASR7_7	836517.25	835722.3	10/F	44	36.5	24.578	6.676
ASR7_8	836517.25	835722.3	20/F	73.7	66.2	24.577	6.676
ASR7_9	836517.25	835722.3	27/F	94.6	87.1	24.576	6.675
ASR8_1	836538.05	835720.06	G/F	9	1.5	24.581	6.678
ASR8_2	836538.05	835720.06	1/F	17.2	9.7	24.580	6.678
ASR8_3	836538.05	835720.06	2/F	20.2	12.7	24.580	6.678
ASR8_4	836538.05	835720.06	3/F	23.2	15.7	24.580	6.677
ASR8_5	836538.05	835720.06	4/F	26.1	18.6	24.579	6.677
ASR8_6	836538.05	835720.06	5/F	29.1	21.6	24.579	6.677
ASR8_7	836538.05	835720.06	10/F	44	36.5	24.578	6.676
ASR8_8	836538.05	835720.06	20/F	73.7	66.2	24.576	6.676
ASR8_9	836538.05	835720.06	27/F	94.6	87.1	24.576	6.675
ASR9_1	836548.22	835756.05	G/F	9	1.5	24.579	6.678
ASR9_2	836548.22	835756.05	1/F	17.2	9.7	24.578	6.678
ASR9_3	836548.22	835756.05	2/F	20.2	12.7	24.578	6.677
ASR9_4	836548.22	835756.05	3/F	23.2	15.7	24.578	6.677
ASR9_5	836548.22	835756.05	4/F	26.1	18.6	24.578	6.677
ASR9_6	836548.22	835756.05	5/F	29.1	21.6	24.577	6.677
ASR9_7	836548.22	835756.05	10/F	44	36.5	24.577	6.676
ASR9_8	836548.22	835756.05	20/F	73.7	66.2	24.575	6.675
ASR9_9	836548.22	835756.05	28/F	97.5	90	24.575	6.675
ASR10_1	836530.01	835760.26	G/F	9	1.5	24.579	6.678
ASR10_2	836530.01	835760.26	1/F	17.2	9.7	24.578	6.678
ASR10_3	836530.01	835760.26	2/F	20.2	12.7	24.578	6.677
ASR10_4	836530.01	835760.26	3/F	23.2	15.7	24.578	6.677
ASR10_5	836530.01	835760.26	4/F	26.1	18.6	24.577	6.677
ASR10_6	836530.01	835760.26	5/F	29.1	21.6	24.577	6.677
ASR10_7	836530.01	835760.26	10/F	44	36.5	24.576	6.676
ASR10_8	836530.01	835760.26	20/F	73.7	66.2	24.575	6.675
ASR10_9	836530.01	835760.26	28/F	97.5	90	24.575	6.675
ASR11_1	836553.06	835795.36	G/F	9	1.5	24.577	6.677
ASR11_2	836553.06	835795.36	1/F	17.2	9.7	24.577	6.677
ASR11_3	836553.06	835795.36	2/F	20.2	12.7	24.577	6.677
ASR11_4	836553.06	835795.36	3/F	23.2	15.7	24.576	6.677
ASR11_5	836553.06	835795.36	4/F	26.1	18.6	24.576	6.676
ASR11_6	836553.06	835795.36	5/F	29.1	21.6	24.576	6.676
ASR11_7	836553.06	835795.36	10/F	44	36.5	24.576	6.676
ASR11_8	836553.06	835795.36	20/F	73.7	66.2	24.575	6.675
ASR11_9	836553.06	835795.36	28/F	97.5	90	24.574	6.675

SO_2 Summary Table

ASR ID	Location		Floor	Receiver Height	Flagpole Height	SO_2 (μg/m^3)	
						4th Highest 10-minute (AQO = 500)	4th Highest 24-hour (AQO = 40)
	X	Y		mPD	mAG	Total	Total
ASR12_1	836555.74	835829.36	G/F	10.5	1.5	24.576	6.677
ASR12_2	836555.74	835829.36	1/F	20.2	11.2	24.576	6.677
ASR12_3	836555.74	835829.36	2/F	23.2	14.2	24.575	6.677
ASR12_4	836555.74	835829.36	3/F	26.2	17.2	24.575	6.676
ASR12_5	836555.74	835829.36	4/F	29.1	20.1	24.575	6.676
ASR12_6	836555.74	835829.36	5/F	32.1	23.1	24.575	6.676
ASR12_7	836555.74	835829.36	10/F	47	38	24.575	6.676
ASR12_8	836555.74	835829.36	20/F	76.7	67.7	24.574	6.675
ASR12_9	836555.74	835829.36	27/F	97.6	88.6	24.574	6.675
ASR13_1	836588.47	835858.7	G/F	10.5	1.5	24.575	6.677
ASR13_2	836588.47	835858.7	1/F	20.2	11.2	24.575	6.677
ASR13_3	836588.47	835858.7	2/F	23.2	14.2	24.575	6.676
ASR13_4	836588.47	835858.7	3/F	26.2	17.2	24.575	6.676
ASR13_5	836588.47	835858.7	4/F	29.1	20.1	24.575	6.676
ASR13_6	836588.47	835858.7	5/F	32.1	23.1	24.575	6.676
ASR13_7	836588.47	835858.7	10/F	47	38	24.574	6.676
ASR13_8	836588.47	835858.7	20/F	76.7	67.7	24.574	6.675
ASR13_9	836588.47	835858.7	27/F	97.6	88.6	24.573	6.675
ASR14_1	836630.77	835868.67	G/F	13.5	1.5	24.575	6.677
ASR14_2	836630.77	835868.67	1/F	23.2	11.2	24.575	6.676
ASR14_3	836630.77	835868.67	2/F	26.2	14.2	24.575	6.676
ASR14_4	836630.77	835868.67	3/F	29.2	17.2	24.574	6.676
ASR14_5	836630.77	835868.67	4/F	32.1	20.1	24.574	6.676
ASR14_6	836630.77	835868.67	5/F	35.1	23.1	24.574	6.676
ASR14_7	836630.77	835868.67	10/F	50	38	24.574	6.675
ASR14_8	836630.77	835868.67	20/F	79.7	67.7	24.573	6.675
ASR14_9	836630.77	835868.67	27/F	100.6	88.6	24.573	6.675
ASR15_1	836634.16	835915.85	G/F	13.5	1.5	24.574	6.676
ASR15_2	836634.16	835915.85	1/F	23.2	11.2	24.574	6.676
ASR15_3	836634.16	835915.85	2/F	26.2	14.2	24.574	6.676
ASR15_4	836634.16	835915.85	3/F	29.2	17.2	24.573	6.676
ASR15_5	836634.16	835915.85	4/F	32.1	20.1	24.573	6.676
ASR15_6	836634.16	835915.85	5/F	35.1	23.1	24.573	6.676
ASR15_7	836634.16	835915.85	10/F	50	38	24.573	6.675
ASR15_8	836634.16	835915.85	20/F	79.7	67.7	24.573	6.675
ASR15_9	836634.16	835915.85	27/F	100.6	88.6	24.572	6.675
ASR16_1	836616.17	835774.73	1/F	9	1.5	24.578	6.677
ASR16_2	836616.17	835774.73	2/F	14.2	6.7	24.578	6.677
ASR16_3	836616.17	835774.73	3/F	17.2	9.7	24.578	6.677
ASR16_4	836616.17	835774.73	4/F	20.2	12.7	24.577	6.677
ASR16_5	836616.17	835774.73	5/F	23.1	15.6	24.577	6.677
ASR16_6	836616.17	835774.73	10/F	38	30.5	24.577	6.676
ASR16_7	836616.17	835774.73	20/F	67.8	60.3	24.575	6.676
ASR16_8	836616.17	835774.73	30/F	97.5	90	24.574	6.675
ASR17_1	836582.97	835761.43	1/F	9	1.5	24.579	6.677
ASR17_2	836582.97	835761.43	2/F	14.2	6.7	24.578	6.677
ASR17_3	836582.97	835761.43	3/F	17.2	9.7	24.578	6.677
ASR17_4	836582.97	835761.43	4/F	20.2	12.7	24.578	6.677
ASR17_5	836582.97	835761.43	5/F	23.1	15.6	24.578	6.677
ASR17_6	836582.97	835761.43	10/F	38	30.5	24.577	6.676
ASR17_7	836582.97	835761.43	20/F	67.8	60.3	24.576	6.676
ASR17_8	836582.97	835761.43	30/F	97.5	90	24.575	6.675
ASR18_1	836612.46	835795.17	1/F	9	1.5	24.577	6.677
ASR18_2	836612.46	835795.17	2/F	14.2	6.7	24.577	6.677
ASR18_3	836612.46	835795.17	3/F	17.2	9.7	24.577	6.677
ASR18_4	836612.46	835795.17	4/F	20.2	12.7	24.577	6.677
ASR18_5	836612.46	835795.17	5/F	23.1	15.6	24.577	6.677
ASR18_6	836612.46	835795.17	10/F	38	30.5	24.576	6.676
ASR18_7	836612.46	835795.17	20/F	67.8	60.3	24.575	6.675
ASR18_8	836612.46	835795.17	30/F	97.5	90	24.574	6.675
ASR19_1	836515.52	835679.95	G/F	9	1.5	24.585	6.679
ASR19_2	836515.52	835679.95	Top of G/F	12.5	5	24.584	6.679
ASR19_3	836515.52	835679.95	1/F	14	6.5	24.584	6.679
ASR19_4	836515.52	835679.95	2/F	19	11.5	24.583	6.678
ASR20_1	836500.82	835679.68	G/F	9	1.5	24.585	6.679
ASR20_2	836500.82	835679.68	Top of G/F	12.5	5	24.584	6.679
ASR20_3	836500.82	835679.68	1/F	14	6.5	24.584	6.679
ASR20_4	836500.82	835679.68	2/F	19	11.5	24.583	6.678
ASR21_1	836566.33	835898.68	G/F	13.5	1.5	24.574	6.677
ASR21_2	836566.33	835898.68	Top of G/F	15.5	3.5	24.574	6.677
ASR21_3	836566.33	835898.68	1/F	17	5	24.574	6.677
ASR22_1	836573.16	835946.72	G/F	13.5	1.5	24.573	6.677
ASR22_2	836573.16	835946.72	Top of G/F	15.5	3.5	24.573	6.677
ASR22_3	836573.16	835946.72	1/F	17	5	24.573	6.677
ASR23_1	836546.53	835583.5	G/F	6.4	1.5	24.599	6.680
ASR23_2	836546.53	835583.5	1/F	10.3	5.4	24.598	6.680
ASR23_3	836546.53	835583.5	2/F	14.2	9.3	24.597	6.680
ASR23_4	836546.53	835583.5	3/F	18.1	13.2	24.597	6.681
ASR23_5	836546.53	835583.5	4/F	22	17.1	24.596	6.680
ASR23_6	836546.53	835583.5	5/F	25.9	21	24.595	6.680
ASR23_7	836546.53	835583.5	6/F	29.8	24.9	24.594	6.680
ASR23_8	836546.53	835583.5	7/F	33.7	28.8	24.593	6.679
ASR24_1	836546.81	835549.47	G/F	6.4	1.5	21.393	6.821
ASR24_2	836546.81	835549.47	1/F	10.3	5.4	21.394	6.822
ASR24_3	836546.81	835549.47	2/F	14.2	9.3	21.396	6.822
ASR24_4	836546.81	835549.47	3/F	18.1	13.2	21.397	6.823
ASR24_5	836546.81	835549.47	4/F	22	17.1	21.399	6.822
ASR24_6	836546.81	835549.47	5/F	25.9	21	21.400	6.821
ASR24_7	836546.81	835549.47	6/F	29.8	24.9	21.401	6.821
ASR24_8	836546.81	835549.47	7/F	33.7	28.8	21.402	6.820

APPENDIX 11

LETTER OF THE HOSPITAL AUTHORITY

Kit Wong

From: CHOW Kit-fai <ckf410@ha.org.hk>
Sent: 28 March 2023 17:17
To: Kit Wong
Cc: Samuel Lee; Joe Wing Chuen LAW; Jane CHEUNG
Subject: RE: Request Information - CHP Plant at Nethersole Hospital
Attachments: Fung Yuen, letter to HA.pdf; CHP Plant.png

Dear Ms. WONG,

Sorry to our late reply.

The information of the inquiry is as below:

1. The location of the CHP Plant:
   The location of the plant is indicated in the attached plan “A”

2. The number of the emission point.
   One no of emission point is indicated in the attached plan (Red circuit)

3. Fuel type / fuel consumption of the plant.
   Landfilled gas, around 2,400,000MJ / month

4. Pollutants of the plant
   No information.

If you have any inquiries, please feel free to contact me.

Thank you.

Regards,

K. F. CHOW
Tel: 2689 3228

From: Kit Wong <kitwong@wha.com.hk>
Sent: Monday, February 27, 2023 5:22 PM
To: Kit Fai CHOW, NTECADM S Mgr(ESPM) <ckf410@ha.org.hk>
Cc: Samuel Lee <samuellee@wha.com.hk>
Subject: Request Information - CHP Plant at Nethersole Hospital

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7NW-B/R235
雅麗氏何妙齡那打素醫院行政中心
雅麗氏何妙齡那打素醫院賽馬會診療中心
7NW-B/R236
7NW-B/R233
7NW-B/R582
NW-B/R238
NW-B/F 146
雅麗氏何妙齡那打素醫院醫護大樓
A
ET
雅麗珍紀念樓
雅麗氏何妙齡那打素醫院員工中心
所有，未經許可，不得翻印

WESTWOOD HONG & ASSOCIATES LTD

Consultants in EIA • Acoustics • Noise • Vibration

2404 Tung Wai Commercial Building
109-111 Gloucester Road, Hong Kong
Tel : 2838 2738
Fax : 2591 6189
E-mail: wha@wha.com.hk

1 February 2023

22444/228020/KK/KW/mgt

Hospital Authority Head Office
Hospital Authority Building
147B Argyle Street, Kowloon
Hong Kong

Dear Sirs,

Request for Information about the Combined Heat and Power (CHP) Plant at Alice Ho Miu Ling Nethersole Hospital

Westwood Hong & Associates Ltd is the consulting firm conducting an environmental study for the captioned development at Tai Po.

An Air Quality Impact Assessment (AQIA) report has been submitted under the Planning Application No. A/TP/38. Referring to the EPD advisory comments for the AQIA (attached for reference), there is a Combined Heat and Power (CHP) Plant at Alice Ho Miu Ling Nethersole Hospital, the emission of this plant which should be included in the assessment.

Grateful if you advise the following information for our air impact assessment:-

- The location of the plant (co-ordinate)
- The number of emission point(s)
- Fuel type, fuel consumption or emission rate of the plant
- Pollutants of the plant

If you have any queries, please do not hesitate to contact our Ms Kit Wong at 2838 2738.

Yours faithfully,

Ir. K. K. Iu
Project Director
Encl.

CERTIFIED COMPANY HKQAA
ISO 9001 : 2000
Certificate No.: CC 781

Appendix 8

Air Ventilation Assessment

Prepared for

Fantastic State Ltd.

Prepared by

Ramboll Hong Kong Limited

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES AT VARIOUS LOTS AND ADJOINING GOVERNMENT LAND AT FUNG YUEN, TAI PO, NEW TERRITORIES

AIR VENTILATION ASSESSMENT (EXPERT EVALUATION)

Date	**26 September 2025**
Prepared by	**Mike Kwan** **Environmental Consultant**
Signed	
Approved by	**Calvin Chiu** **Technical Director**
Signed	
Project Reference	**CKHTPFY-EI00**
Document No.	**R7052_V4.2**

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Figure 5 Illustration of Wind Flow from N Wind Direction for Existing Condition

Figure 6 Illustration of Wind Flow from E Wind Direction for Proposed Scheme

Figure 7 Illustration of Wind Flow from ESE and SE Wind Directions for Proposed Scheme

Figure 8 Illustration of Wind Flow from N Wind Direction for Proposed Scheme

APPENDIX

Appendix 1 The Indication Plan of the Zoning Context Plan

Appendix 2 The Indication Plan of the Proposed Scheme

1. INTRODUCTION

1.1 Project Background

1.1.1 This S.12A application is to seek the Town Planning Board's approval for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") for the proposed development at various lots and adjoining Government land at Fung Yuen, Tai Po, New Territories ("the Development Site").

1.1.2 The proposed development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B).

1.1.3 The Applicant submitted an S.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and amending the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

1.1.4 Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The Proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely formed by the previous development sites, i.e. Area (A), Area (B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

1.1.5 An Air Ventilation Assessment (AVA) Study report – Expert Evaluation (EE) was prepared as one of the technical supporting documents for the previous S.12A application (No. Y/TP/30). The application was later withdrawn. The Indicative Development Proposal has been further reviewed and resubmitted in last S.12A application (No. Y/TP/38). In response to the concern from PlanD, the rezoning area has been extended to include the original Subsequent Phase site location of the approved MLP accommodating the undeveloped potential of the remaining CDA (1) zone.

1.1.6 In the current application, the Development Site boundary differs from aforementioned application (No. Y/TP/38) but two separated development portions [viz. Area (A) and Area (B)] currently zoned CDA(1) and "G/IC" respectively on the Draft Tai Po Outline Zoning Plan ("OZP") No. S/TP/31 will be remained. The development site Area (A) would consist of two phases (Phase I & Phase II) where Phase II is area of the unacquired lots within the remaining "CDA(1)" zone previously known as "CDA(1) Future Phase" in last S.12A application (Y/TP/38).

1.1.7 The proposed amendments subject of this S12.A application include:

- rezoning of the site falling within "Comprehensive Development Area (1)" ("CDA(1)") to "Residential (Group B)13" ("R(B)13") zone [Area (A)]; and

- relaxation of the maximum building height restriction of the site falling within "Government, institution or community" ("G/IC") zone from 2 storeys to 8 storeys [Area (B)].

1.1.8 Ramboll Hong Kong Limited is commissioned by the Applicant to prepare the Air Ventilation Assessment (AVA) Study report – Expert Evaluation (EE) based on this rezoning proposal. Architectural drawings and technical information are provided by the Applicant.

1.2 Objective

1.2.1 This AVA-EE report has been prepared to evaluate if the proposed development would have any impact on the overall air ventilation performance of the assessment area by comparing the Proposed Development with the existing condition.

1.3 Development Site and its Environs

1.3.1 **Figure 1** shows the location of the Development Site and its environs. The Development Site (comprising Area (A) and Area (B)) consists of various lots and adjoining Government land at Fung Yuen, Tai Po. It is known as Fung Yuen which is at the northern fringe of Tai Po New Town. The Development Site consists of two separate portions (Area (A) currently zoned "CDA(1)" and Area (B) currently zoned "Government , Institution or Community" ("G/IC")).

1.3.2 There are existing residential development Case Papillon (+20mPD) & Mont Vert (+102mPD) to its north and Fung Yuen Road to its east, Tai Po Industrial Estate (+70mPD) and Ting Kok Road to its further southeast and south.

1.3.3 Village type developments to the immediate east, southwest, west and northwest include Tin Sam (around +8mPD to 17mPD), Yue Kok Tsuen (around +10.9mPD to 33mPD), Fung Mei Wai (formerly Kau Shi Wai) (around +17mPD) and Lau Hang (around +20mPD) respectively.

1.3.4 Tai Po Hospital (+59mPD), Fu Heng Estate (+110mPD), Chung Nga Court (+110mPD), Fu Tip Estate (+143mPD) and planned public housing developments at Chung Nga Road West (+172mPD), and Alice Ho Miu Ling Nethersole Hospital (around +66.5mPD) are distributed to the further west to southwest of the Development Site. A "Green Belt" ("GB") zone is situated between the village type developments at the immediate west of the Development Site and Tai Po Hospital.

1.3.5 To the southeast, south and further west of the Development Site are areas zoned "G/IC". Fung Yuen Playground and a site occupied by Society of Horticulture are situated within "G/IC" zone to the southeast.

1.4 Existing Site

1.4.1 Area (A) of the Development Site is mostly covered with vegetation with a watercourse running within and mainly along the eastern side of the Development Site adjoining Fung Yuen Road. Area (B) is currently occupied by sewage pumping station (along its southern boundary but without any massive aboveground structure) and has the watercourse running and occupying its western part. Area (A) and Area (B) are separated by at least 40m. the Development Site is readily available for development as it is well-supported by existing infrastructure in terms of drainage, sewerage and roads.

1.5 Building Height Limit of Current CDA(1) & G/IC Zones

1.5.1 The CDA(1) zone, within which Area (A) is located, is subject to building height restriction (BHR) varying from 1 storey to 28 storeys as delineated in the outline zoning plan. Areas with BHR of 19-, 23-, 26- and 28-storey, located to the north of the Development Site, have been developed, now known as Mont Vert. The two areas planned for maximum 17 storeys in the CDA(1) zone (within Area (A)) have not yet been developed.

1.5.2 On the other hand, the G/IC zone is subject to limit of 2 storeys.

1.5.3 The extracted copy of the outline zoning plan showing the CDA(1) & G/IC zones is shown in **Appendix 1.**

1.6 Proposed Scheme

1.6.1 **Appendix 2** shows the tentative scheme of the Proposed Development. The Proposed Development in Area (A) Phase I consists of 6 residential towers (T1 to T6) with building heights of 23 - 29 storeys (excluding 3 levels of basement) (around +85mPD to +102mPD), 3-storeys standalone clubhouse, 2-storeys commercial & public vehicle park (+21mPD), and 8-storeys RCHE cum DCU (+36mPD). The Proposed Development in Area (A) Phase II consists of 1 residential tower (T7) with building heights of 30 storeys with entrance lobby on ground floor (around +99mPD).

1.6.2 Under the Proposed Development, the master layout echoes the curvilinear configuration and disposition of Mont Vert aligned along the north-south direction generally. The shape of the Development Site has wider frontage facing E/W and results in less obstruction of air circulation under N/S wind. There are building setbacks from the northern and southern site boundary. Adequate setback separations (around 5m to 36m) between proposed residential towers are also provided to enhance wind penetration and avoid wall-effect. Low-rise of commercial & public vehicle Park is located at the western side of T6.

1.6.3 The building height of the residential towers has been revised to create a harmonious urban context and ensure compatibility with surrounding developments in the vicinity through adopting distinct stepped height profile descending downwards from the Development Site to Tai Po Industrial Estate with further reduction towards the waterfront promenade. There are 4 different height bands of +102mPD (T6), +99mPD (T4, T5 and T7),), +96mPD (T1 and T3) and +85mPD (T2), descending downwards from the north towards south in Area (A).

1.6.4 There is existing stream running within and along the eastern side of the Development Site. In order to retain the existing stream, the building would deposit further away from Fung Yuen Road and maintain larger separation from Tin Sam area to the east of the Development Site. The design of the building disposition would provide separations between building blocks to enable wind penetration across the Development Site.

1.6.5 Regarding RCHE cum DCU, the proposed building is oriented along north-south direction which minimised the obstruction of air circulation under N/S wind. There are building setback of 6m from eastern site boundary. Since the existing stream will occupy western portion of Area (B), no building will be provided on western side so that a long setback of at least 18m is maintained between the building and western site boundary.

2. SITE WIND AVAILABILITY DATA

2.1 Site Wind Availability Data From RAMS

2.1.1 According to the Planning Department's website, a meso-scale Regional Atmospheric Modeling System (RAMS) was used to produce a simulated 10-year wind climate at the horizontal resolution of 0.5 km x 0.5 km covering the whole territory of Hong Kong. The simulated wind data represents the annual, winter and summer wind condition at various levels, i.e. 200 m, 300 m, and 500 m above terrain.

2.1.2 The RAMS data of the grid (X: 081, Y: 074) and (X: 081, Y: 073) have been extracted from the Site Wind Availability Data of Planning Department's website.

2.1.3 Based on the wind roses with different heights (200, 300 or 500m) available, the 200 m site wind availability data represents wind data that takes into account the topographical effect around the Development Site. Therefore, a lower level of wind roses at 200 m height is selected to study the prevailing wind condition as it represents the incoming wind to the Development Site and considers the influence on the prevailing winds by the surrounding topography.

2.1.4 According to the wind roses at 200m altitude, both annual and summer prevailing wind directions for the Development Site are E, ESE and SE. **Figure 2a** shows the relevant wind roses diagrams representing the frequency and wind speed distribution at 200m height in annual and summer conditions. The wind frequency data is provided in **Table 2.1** below.

Table 2.1 Summary of RAMS Data and Wind Direction at 200m

Wind Direction	X: 081, Y: 074		X: 081, Y: 073	
	Probability for Annual Condition (%)	**Probability for Summer Condition (%)**	**Probability for Annual Condition (%)**	**Probability for Summer Condition (%)**
N	3.8%	0.8%	3.9%	0.8%
NNE	5.4%	0.8%	4.3%	0.7%
NE	3.7%	1.1%	3.8%	1.2%
ENE	7.9%	3.1%	8.3%	3.5%
E	**29.4%**	**14.0%**	**30.0%**	**15.1%**
ESE	**16.0%**	**12.0%**	**14.3%**	**11.5%**
SE	**9.1%**	**14.5%**	**8.4%**	**13.6%**
SSE	4.4%	9.9%	4.1%	9.1%
S	3.1%	7.9%	3.2%	7.7%
SSW	3.8%	10.0%	4.2%	10.7%
SW	2.4%	6.9%	2.6%	7.3%
WSW	2.2%	6.2%	2.2%	5.6%
W	2.6%	6.0%	3.0%	6.8%
WNW	2.0%	3.8%	2.1%	3.7%
NW	1.9%	2.0%	2.5%	2.0%
NNW	2.2%	0.9%	3.0%	0.8%

Note: Bolded characters highlighted in grey represent the selected prevailing wind directions for evaluation.

2.2 Simulated Site Wind Availability Data from Term Consultancy for Expect Evaluation and Advisory Services on Air Ventilation Assessment (PLNQ37/2007) Final Report for Tai Po Area

2.2.1 According to the wind availability data from the Term Consultancy for AVA Services - Cat. A1 - Term Consultancy for Expert Evaluation and Advisory Services on AVA (PLNQ 37/2007) - Final Report for Tai Po Area completed in August 2010 (referred as Tai Po-EE), it stated that the annual wind of the study area is mainly from the East, with a smaller component of the North. The Summer wind is mainly coming from the East and the Southerly quarters. For air ventilation study, for the main built up areas, it is evaluated that the Easterly component should be the most important to respect.

2.2.2 4 locations (A to D) are defined according to the dataset of Tai Po-EE. The Development Site is nearest to Location A of the Tai Po Areas. The annual prevailing winds for the Location A at 120m are mainly from E, while the summer prevailing winds are mainly from E and SE at the lower atmospheric boundary layers. The relevant Site Wind Availability Data (SWAD) from Tai Po-EE is presented in **Figure 2b.**

2.2.3 Based on both sets of wind data, it is considered that the annual prevailing winds come from E, ESE and SE directions. While in summer condition, the prevailing winds mainly come from E, ESE and SE directions.

2.3 Topography

2.3.1 The Proposed Development is located at the northern fringe of Tai Po New Town that is relatively flat. According to the Tai Po-EE, the natural topography of the area descends from the high level at north-east and south of Tai Po New Town. Wind from the north to northeast will be affected by the hills. Turbulence and re-circulation of wind when it moves downhill towards the Development Site is expected. In general, north to northeast wind will be slightly weakened by shielding effects of the hills. Whereas, with long separation from the mountains at the south, winds from the south would not be significantly affected by them. Therefore, the influence of local topography to the wind flow pattern around the Development Site is considered minor.

2.3.2 In particular, the area that the Development Site resides is of valley shape. It was identified as one of the two identified valley wind systems in the Tai Po-EE. Based on the valley topography, more wind will be towards downhill from north. As discussed in Tai Po-EE, while this valley wind system is less important than another one from the south over Wilson Trail stage 7, both valley wind systems should be respected and not obstructed. Therefore, N wind should also be considered in this evaluation.

2.4 Building Morphology

2.4.1 All noise barriers, elevated structures, planned and committed development, if any, are considered in this report. After checking by the site visit for existing developments and the published information in Statutory Planning Portal under the Town Planning Board regarding planned / committed developments in the model area, the Development Site is surrounded by high- to low-rise developments, e.g. Mont Vert to the north, some village type developments to the east, north, southwest and west and Tai Po Industrial Estate to the southeast.

2.4.2 The building height information of these identified developments was extracted from Geo-Reference Database (BG1000) provided by Survey and Mapping Office/ Lands Department, and as shown in **Table 2.2** below. As higher building masses are concentrated to the north, northwest and northeast of the Development Site, it is likely

that wind availability from these directions (e.g. N wind) will be lowered due to the existing building morphology.

Table 2.2 Building Height of Surrounding Development

Name of Development	Maximum Building Height mPD	Maximum Building Height m	Location from the Development Site
Mont Vert	~102	~ 80	North
Village type developments including Tin Sam, Yue Kok, Fung Mei Wai, Lau Hang	~8 to 33	~10	Immediate East, Southwest & West
Tai Po Industrial Estate	~70	~65	Southeast
Alice Ho Miu Ling Nethersole Hospital	~66.5	~46	Southwest
Tai Po Hospital	~59	~37	West
Fu Heng Estate	~110	~100	West
Chung Nga Court	~110	~100	West
Fu Tip Estate	~143 to 172	~95 to 132	West

2.5 Summary of Existing Site Wind Availability

2.5.1 According to the wind availability data from Tai Po-EE, it is stated that the annual wind of the study area is mainly from the East, with a smaller component of the North. The Summer wind is mainly coming from the East and the Southerly quarters. For the dataset of the Location A, the annual wind directions of the Development Site is from E, while the summer prevailing winds are mainly from E, ESE and SE.

2.5.2 According to the wind roses at 200m from RAMS data, the annual prevailing wind directions for the Development Site are E, ESE and SE; whereas the summer prevailing wind direction are E, ESE and SE.

2.5.3 Based on both wind data, it is considered that the annual prevailing winds come from E, ESE and SE directions, and with N wind also concerned based on identified valley wind system. While in summer condition, the prevailing winds mainly come from E, ESE and SE directions.

2.5.4 It is anticipated that the surrounding traffic network and open space would be the main air corridors, including Fung Yuen Road, Ting Kok Road, open space sandwiched between the Development Site and the village type developments to the immediate north and west and GB zone in further east and west.

2.5.5 Under E wind condition, the presence of low-rise developments to the east of the Development Site should not impose any significant obstruction to wind flow. In addition, the section of Ting Kok Road acts as wind corridor for E wind direction.

2.5.6 The topography on the northern side is generally higher but separated away. The existing high-rise Mont Vert to the north will reduce the wind availability to the Development Site under N wind.

2.5.7 In addition, under ESE and SE wind directions, wind should flow atop Tai Po Industrial Estate towards the Development Site and its surroundings. As a result, the wind availability at pedestrian level is expected to be reduced.

2.5.8 **Figure 3** to **Figure 5** show the E, ESE/SE and N prevailing wind directions under exiting condition (with no massive aboveground structure onsite).

3. EXPERT EVALUATION OF AIR VENTILATION PERFORMACE OF THE PROPOSED DEVELOPMENT

3.1 Important Areas

3.1.1 Important surrounding areas that the public would often access have been identified as the following:

- Fung Yuen Playground;
- Roads surrounding the Development Site (Fung Yuen Road, Ting Kok Road); and
- Nearby residential and village-type developments.

3.2 Evaluation of Merit/Demerit of Design Features of the Proposed Development

3.2.1 Under the Proposed Scheme, various good design feature beneficial to air ventilation such as separation of building from site boundary, optimal building disposition and building separation advantageous to prevailing wind penetration are incorporated. The details of the mitigation measures in the site layout for enhancing the air ventilation of the Development and the surrounding areas are summarised below and illustrated in **Appendix 2**.

- Under this proposal, the development is mainly residential in nature. Development includes residential towers, clubhouse, commercial & public vehicle park and RCHE & DCU. Therefore, a podium-free design with underground parking facilities is adopted to minimise building footprint at grade and in turn possible wind blockage due to bulky podium mass otherwise.

Area (A)

- Building separation of not less than 30m in width, aligning in approximately along E-W direction, is proposed to be incorporated between T5 & T4/T7. This separation facilitates wind penetration mainly from E directions (which is most prevailing under annual situation and important under summer situation as well) to benefit its downstream areas including Lau Hang.
- Building separation of not less than 15m in width, aligning in approximately along E-W direction, is proposed to be incorporated between T1 & T4/T7. This separation facilitates wind penetration from prevailing E direction as well.
- Building separation of not less than 15m in width, aligning in approximately along SE-NW, is proposed to be incorporated between T1 & T2/T3. This separation facilitates wind penetration mainly from ESE and SE directions (most prevailing under summer situation and important under annual situation) to benefit wind entry to the open areas within the Development Site and its downstream areas including Lau Hang.
- Building separation of not less than 20m in width, aligning in approximately along SE-NW, is proposed to be incorporated between T5 & T6. This separation facilitates wind penetration mainly from ESE and SE directions to benefit wind entry to the open areas within the Development Site and its downstream areas including Lau Hang.
- High-rise building setbacks are provided. Setback from the northern and eastern site boundaries for T6 (36m and 5m respectively), from eastern site boundary for T1 (9m) and from the southern site boundary for T2 (7m) of the Development

Site in Area (A) will facilitate wind penetration to flow around the building mass of the development and benefit its surrounding areas.

- High-rise building is avoided at the southwest corner of the Area (A). In addition, there is some building setback of T1 and T2 (9m and 7m). This will allow southeast wind to flow to Fung Mei Wai, Lai Hang and Case Papillon areas easier.

Area (A) & Area (B)

- There exists a stream running within and along eastern side of the Area (A). In order to preserve the existing stream, building on west side of the stream (T1 to T5) within the Area (A) needs to be deposited further away from Fung Yuen Road to the east. Therefore, wider building separation from eastern boundary and Tin Sam area can be maintained. Regarding the Area (B), since the western portion is already occupied by the stream, the building must be erected among eastern portion to avoid direct impact on the stream. Nevertheless, building orientation and disposition is designed to maximise setback (6m) from eastern boundary adjoining Fung Yuen Road. Such separation will facilitate N wind entry to the open areas downstream including Tai Po Industrial Estate.

3.2.2 Further discussion of the scheme based on the good design features above is included below.

Air corridors/ Air paths

3.2.3 It is noted that there is no massive aboveground building development within the Development Site under existing condition. Therefore, there is no wind blockage and diversion effect when wind pass through the Development Site (see **Figure 3** to **Figure 5**).

3.2.4 The existing Mont Vert, will result in some obstruction to N wind flow. N wind will mainly flow along Fung Yuen Road. When under E to SE wind, there is no problem for wind to penetrate through the Development Site and reach Fung Mei Wai, Lau Hang & Case Papillon to the west and northwest.

3.2.5 **Figure 6** to **Figure 8** illustrate the prevailing wind from E, ESE/SE and N wind directions for the Proposed Scheme.

3.2.6 Under the Proposed Scheme, the building T6 in Area (A) is the east most block. It provides setback from Fung Yuen Road to the east. N wind can flow through the building setback and penetrate downward areas. On the other hand, there are building setback of 6m from eastern site boundary and no proposed building development in southwestern corner of Area (B). The setback area in connection with Fung Yuen Road can act as air path to allow wind penetration for N wind. When under E to SE wind, since the block disposition is away from Case Papillon, there is negligible wind blockage impact on it. Furthermore, wind availability among Fung Mei Wai/Lau Hang will be maintained through provision of building separation (not less than 30m between T5 & T4/T7 and not less than 15m between T1 & T4/T7 for E wind flow; not less than 15m between T1 & T2/T3 and not less than 20m between T5 & T6 for ESE & SE wind flow) and aligned with the prevailing wind directions. It will act as air path to allow wind penetration for E to SE wind.

3.2.7 Moreover, low-rise commercial & public vehicle park (+21mPD) and RCHE & DCU (+36mPD) are proposed. Some high level of ESE and SE wind flow atop these building structures and towards downwards. There will be some reduced wind availability only among Fung Mei Wai and its surroundings under ESE and SE wind.

Building Disposition and Development Permeability

3.2.8 The building disposition of Proposed Scheme is generally sufficient for air ventilation. It will welcome prevailing E to SE wind penetration under annual and summer condition.

3.2.9 Under the Proposed Scheme, various building gaps and building setbacks are incorporated in the design of the proposed development at the Development Site, which would allow annual and summer wind penetration. There is not less than 30m building separations between T5 & T4/T7 and between T1 & T4/T7 (not less than 15m) to facilitate E wind flow along this building separation towards surrounding areas, especially Fung Mei Wai, Lau Hang. The building gaps between T1 & T2/T3 and between T5 & T6 (not less than 20m) can facilitate SE and ESE wind penetration to downwind area especially Lau Hang.

3.2.10 In addition, ESE and SE wind can reach the open spaces inside the Development Site.

3.2.11 It also provides at least 5m building setback from all site boundaries near T5, T6, T3, T1, Clubhouse and RCHE & DCU so that wind can flow around building through the building setback area.

3.2.12 Low-rise commercial & public vehicle park (+21mPD) and RCHE & DCU (+36mPD) are proposed. Some E, ESE, and SE wind at high level can flow atop these building structures and towards downwind area.

3.2.13 Comparing to the existing environment, the building footprint of proposed blocks in the Proposed Scheme would impose some wind blockage impacts. However, various mitigated measures/ wind enhancement features are incorporated in the design of the Proposed Scheme, which would allow wind penetration across the Development Site and minimise the impact.

Building Height

3.2.14 The Proposed Scheme with higher building height might result in more wind blockage impact and it is more difficult for wind to pass over the high-rise building and come to the pedestrian level when compared to the existing condition. As there are wind corridors immediate to the Development Site and that air paths are created through provision of building gaps and setback, wind availability in the surrounding would mainly rely on the wind corridors and wind flows at pedestrian level, instead of wind coming down to pedestrian area from above the building.

3.2.15 The taller building height would generate a larger wake area affecting further downstream areas, and it result in more wind blockage impact when compared to the existing condition. However, it could generate relatively more downwash wind from wind at upper level which may benefit other surrounding area. Under E, ESE and SE wind condition, the building orientation of T3 to T6 would capture more portion of high-level E wind and create downwash to the pedestrian level within the Development Site and immediate surrounding areas (e.g. Tin Sam). As such, it is anticipated that the downwash due to Proposed Scheme could benefit the air ventilation performance of the area nearby the residential towers at the pedestrian level in some extent.

3.2.16 It is considered that blockage effect due to higher building height is minor and can be offset by provision of building separations, and increased downwash effect which is of secondary importance. The Proposed Scheme with good design features incorporated is expected to have air ventilation performance not significantly inferior to the existing situation.

3.3 Directional Analysis of the development

3.3.1 As discussed in **Section 2.1** and **2.3**, winds from E, ESE and SE direction are prevailing annually whereas winds from E, ESE and SE are dominant in summer. In addition, the existing air path for N wind penetration was identified as important in Tai Po-EE. Therefore, any difference under these more prevailing/important wind directions would contribute more to the overall impact.

E Wind

3.3.2 Under E wind condition (see **Figure 6**), the proposed high-rise residential building blocks, commercial & public vehicle park and Social Welfare Complex within the Development Site would obstruct E wind from penetrating into its downstream areas such as Phoenix Villa, Lau Hang and Fung Mei Wai. With the provision of building separations between T5 & T4/T7 (not less than 30m) and between T1 & T4/T7 (not less than 15m), E wind would penetrate through these building separations and reach further downstream on western side of the Development Site. Therefore, blockage impact on leeward area, especially Lau Hang, and Fung Mei Wai can be reduced. Besides, the E wind would penetrate through the building setback (around 7m) from T2 and southern site boundary of Area (A) towards the downwind areas such as Phoenix Villa.

3.3.3 E wind would also penetrate atop the low-rise proposed commercial & public vehicle park in Area (A) and proposed Social Welfare Complex in Area (B) and reach the downwind pedestrian area under Proposed Scheme. Moreover, the building setback (around 16m) from the Social Welfare Complex in Area (B) and the southern site boundary of Area (B) would facilitate E wind penetration to benefit area such as Ting Kok Road & Yue Kok.

3.3.4 The potential obstruction to prevailing E wind has been reduced in the design. Therefore, adverse air ventilation impact to the surrounding downwind areas is not expected under E wind condition.

ESE and SE Winds

3.3.5 Under ESE and SE wind conditions, the proposed high-rise residential buildings of the Development Site would obstruct the ESE and SE prevailing wind from reaching the downstream areas such as Phoenix Villa, Lau Hang, Fung Mei Wai, Lau Hang and Case Papillon.

3.3.6 Under the Proposed Scheme, various building design measures are proposed to be incorporated in the proposed development. As shown in **Figure 7**, building separation between T5 & T6 and between T1 & T2/T3 along SE-NW direction are proposed in order to alleviate any possible air ventilation impacts. The incoming ESE and SE wind would flow through the proposed building separations (not less than 15m) then penetrate the Development Site and towards downstream areas such as Lau Hang. In addition, building setback of T6 from northern site boundary of Area (A) (around 36m), T2 from southern site boundary of Area (A) (around 7m), proposed Social Welfare Complex from southern site boundary of Area (B) (around 16m) are provided. More ESE and SE winds could flow through these open space and penetrate towards the downstream areas including Phoenix Villa, Fung Mei Wai, Lau Hang and Case Papillon. Moreover, some portion of ESE and SE wind would flow atop the proposed Social Welfare Complex (+36mPD) and reach the downward pedestrian areas including Fung Mei Wai and Phoenix Villa. Therefore, unfavourable impact in terms of air ventilation performance on the surrounding areas is not anticipated. .

N Wind

3.3.7 Under N wind direction, the existing high-rise buildings at Mont Vert to the north will reduce the wind availability to the Development Site. N wind will mainly flow along Fung Yuen Road and the agricultural area with low-rise building structures to the east and west of the Development Site respectively. With the already limited N wind flow to the Development Site, there is limited additional impact by the high-rise building blocks in the Proposed Scheme blocking the N wind from reaching its downstream areas such as Ting Kok Road, Yue Kok, Fung Yuen Road, Fung Yuen Playground, and Tai Po Industrial Estate. With the provision of eastern building setback along Fung Yuen Road and open space at southwestern corner in Area (B), the N wind would penetrate through the Development Site around the building easier and further flow towards the downward areas. Therefore, the proposed mitigation measures in the Proposed Scheme would enable more N wind penetration across the Development Site to reach downwind area, including Ting Kok Road, Fung Yuen Playground, Tai Po Industrial Estate, and further south portion of Fung Yuen Road. Adverse impact in terms of air ventilation to the surrounding areas is not anticipated under N wind condition.

3.4 Summary of Relative Air Ventilation Performance

3.4.1 The existing condition of the Development Site is an undeveloped land mostly covered with vegetation so that there is generally no wind blockage at all.

3.4.2 The main frontage of Development Site is facing east/west. If no mitigation measures are incorporated into the Proposed Scheme, there would be rather significant wind blockage impact to E to SE wind flow to downwind area. Wind availability among areas including Case Papillon, Lau Hang, Fung Mei Wai, Phoenix Villa will be reduced.

3.4.3 The opportunity to create wind corridors within the Development Site has been optimized and the proposed mitigated measures such as effective building separations and building setback from site boundaries have been incorporated in the design of the site layout to allow wind penetration.

3.4.4 The Proposed Scheme has provided adequate building separations and setbacks (T6 with around 5m setback from eastern site boundary, T1 with around 9m setback from eastern site boundary, T2 with around 7m setback from southern site boundary in Area (A); proposed Social Welfare Complex with around 6m to 18m setback from east and south boundaries in Area (B)) from identified air path along Fung Yuen Road and Ting Kok Road to facilitate prevailing wind flow. It is anticipated that the concerned prevailing wind flow is possible to penetrate through the building gaps (4 numbers of gaps of not less than 15m) and building setback from site boundaries towards downwind area. The potential blockage impact can be effectively reduced.

4. CONCLUSION

4.1.1 A qualitative assessment on the air ventilation performance of the Proposed Development has been carried out.

4.1.2 According to the findings of the quoted Tai Po-EE, the annual wind of the urban areas of the study area is mainly from the East, with a small component of the North. Agreed with the RAMS data, the annual prevailing wind comes from E, ESE, SE, and N, while the summer prevailing wind comes from E, ESE, SE, and N directions.

4.1.3 By considering the existing topography and the location of the existing built areas, it is likely that annual prevailing N wind flow would be obstructed due to existing high-rise buildings to the north while annual and summer prevailing E to SE wind is generally unobstructed currently.

4.1.4 The wind corridor for N wind penetration is mainly along Fung Yuen Road and not significantly impacted by the development. The Proposed Scheme respected the wind corridor and provided more building separations from Fung Yuen Road with provision of not less than 5m building setback of T6 (eastmost block) from the eastern site boundary.

4.1.5 When compared to the existing condition, there is additional building blocks within the Development Site and the main frontage of the Development Site is facing east/west so that it would inevitably have more wind obstruction impact under E to SE wind directions which reduce wind availability of downwind area. In addition, the higher building height can result in increase of wind blockage to area further. In the proposed scheme, the impact is mitigated by provision of various building setback and building separations in the Proposed Scheme.

4.1.6 Although the buildings in the Proposed Scheme would induce impact in terms of wind availability to the surrounding area when compared with the existing condition, the Proposed Scheme maximises building separation from nearby air corridor, provides building setback along site boundary and have optimal building disposition with various building gaps of adequate widths created to increase the development permeability. These mitigation measures are essential for mitigating air ventilation impact to the surrounding areas.

4.1.7 For the E wind condition, the building separations between T5 & T4/T7 (not less than 30m) and another building separation between T1 & T4/T7 (not less than 15m) allow wind penetration along this building separation towards surrounding downwind areas. For the ESE and SE wind directions, the building gaps between T1 & T2/T3 (not less than 15 m) and between T5 & T6 (not less than 20m) can provide opportunity for wind penetration as well.

4.1.8 In addition, the Proposed Scheme has provided around 5m setback from eastern site boundary for T6, around 9m setback from eastern site boundary for T1, around 7m setback from southern site boundary for T2 in Area (A); around 6m to 18m setback from east and south boundaries for the proposed Social Welfare Complex in Area (B) to further improve the development permeability.

4.1.9 Considering above, with the provision of the mitigation measures to facilitate wind flow under the concerned prevailing wind directions, adverse air ventilation impact on the surrounding areas is not anticipated.

Figures

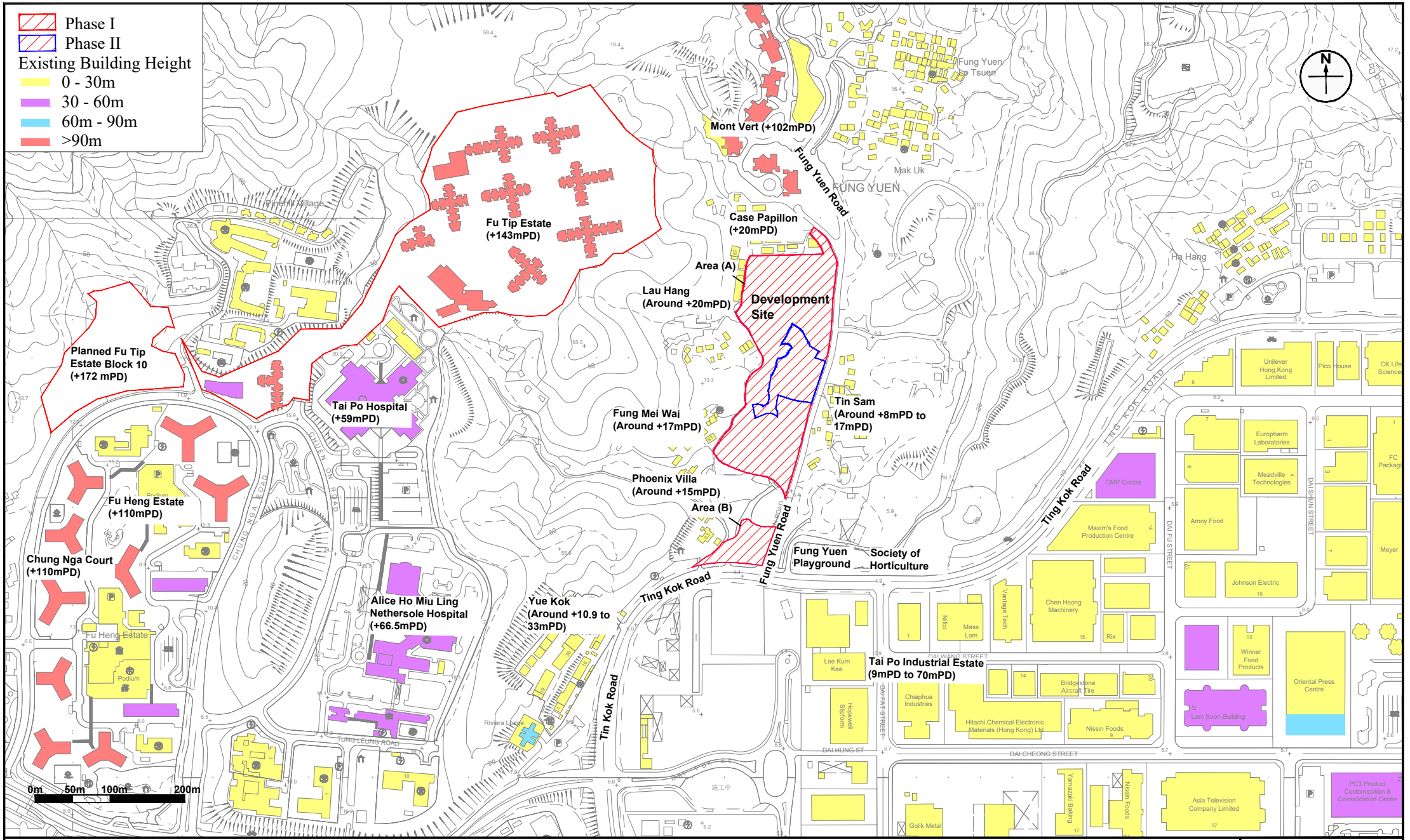


Figure: 1

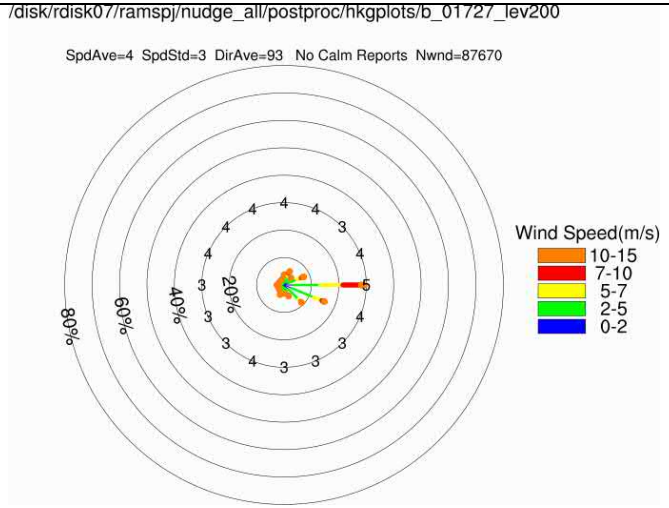
Title: Location of the Development Site and Its Environs

Project: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

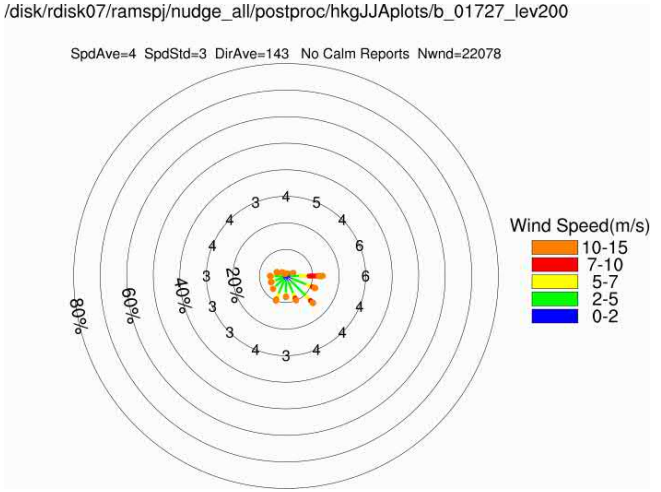
RAMBOLL

Drawn by:	MK
Checked by:	CC
Rev.:	4.1
Date:	Aug 2025

(81,74)

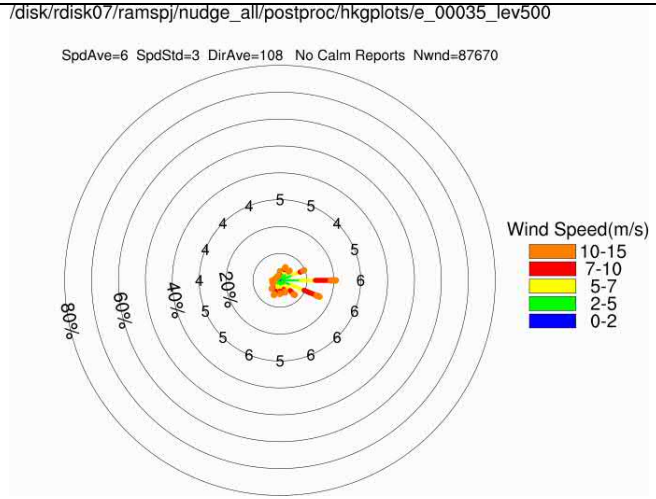


Annual Wind

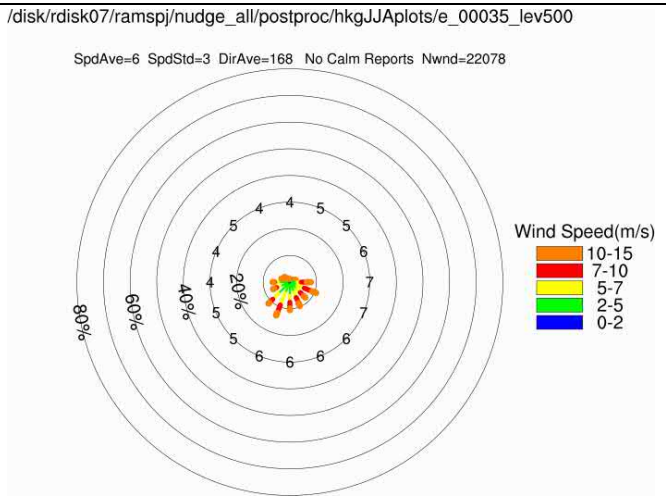


Summer Wind

(81,73)

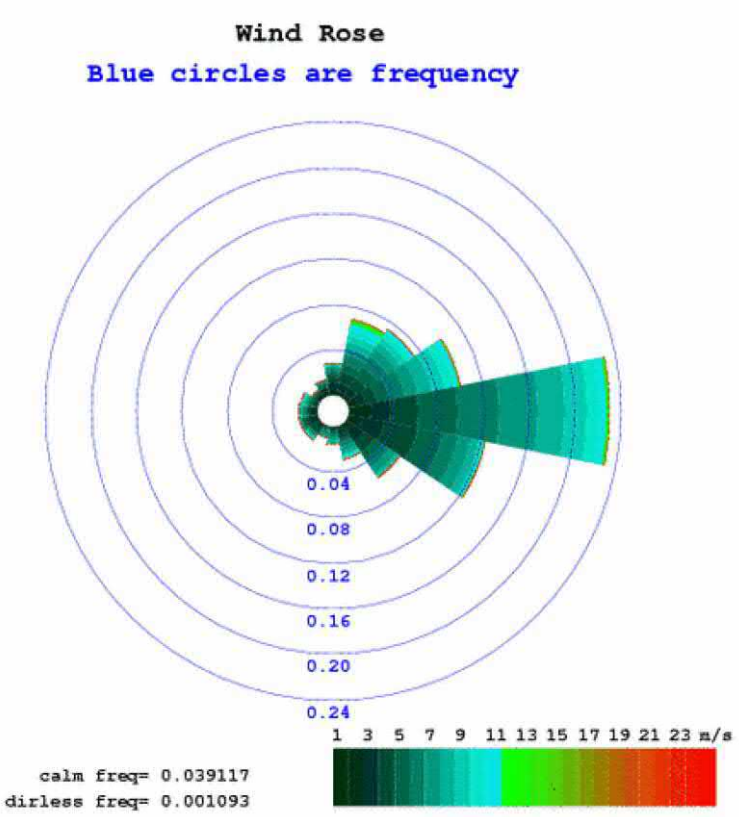


Annual Wind

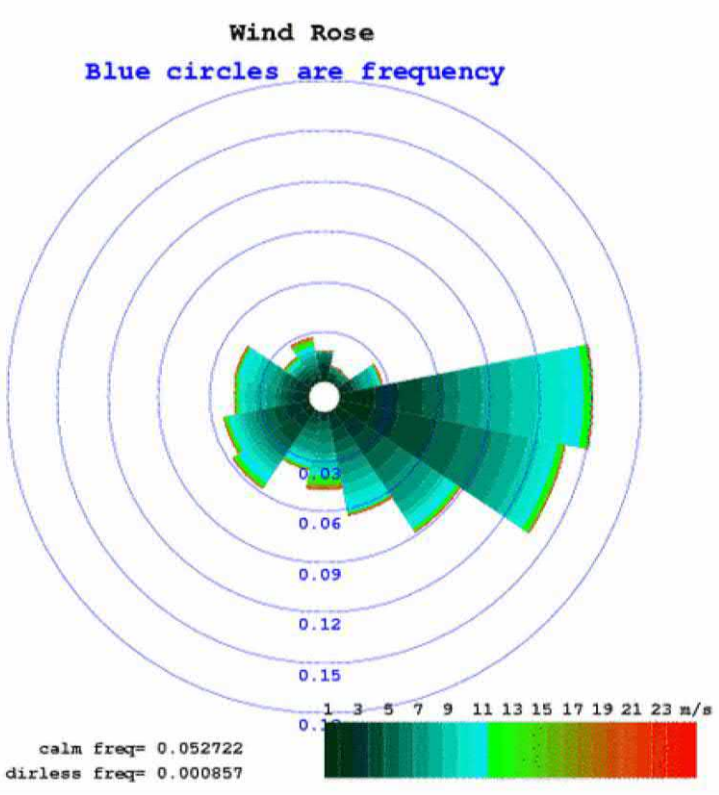


Summer Wind

Figure: 2a	RAMBOLL
Title: Relevant Wind Rose Diagram at 200m from RAMS (X:81, Y:74) and (X:81, Y:73)	Drawn by: MK Checked by: CC
Project: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	Rev.: 4.1 Date: Jul 2025



Annual Wind



Summer Wind

Figure: 2b	RAMBOLL
Title: Experimental Site Wind Availability Data from Term Consultancy for Expect Evaluation and Advisory Services on Air Ventilation Assessment (PLNQ37/2007) Final Report for Tai Po Area at 120m	Drawn by: MK Checked by: CC
Project: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	Rev.: 4.1 Date: July 2025

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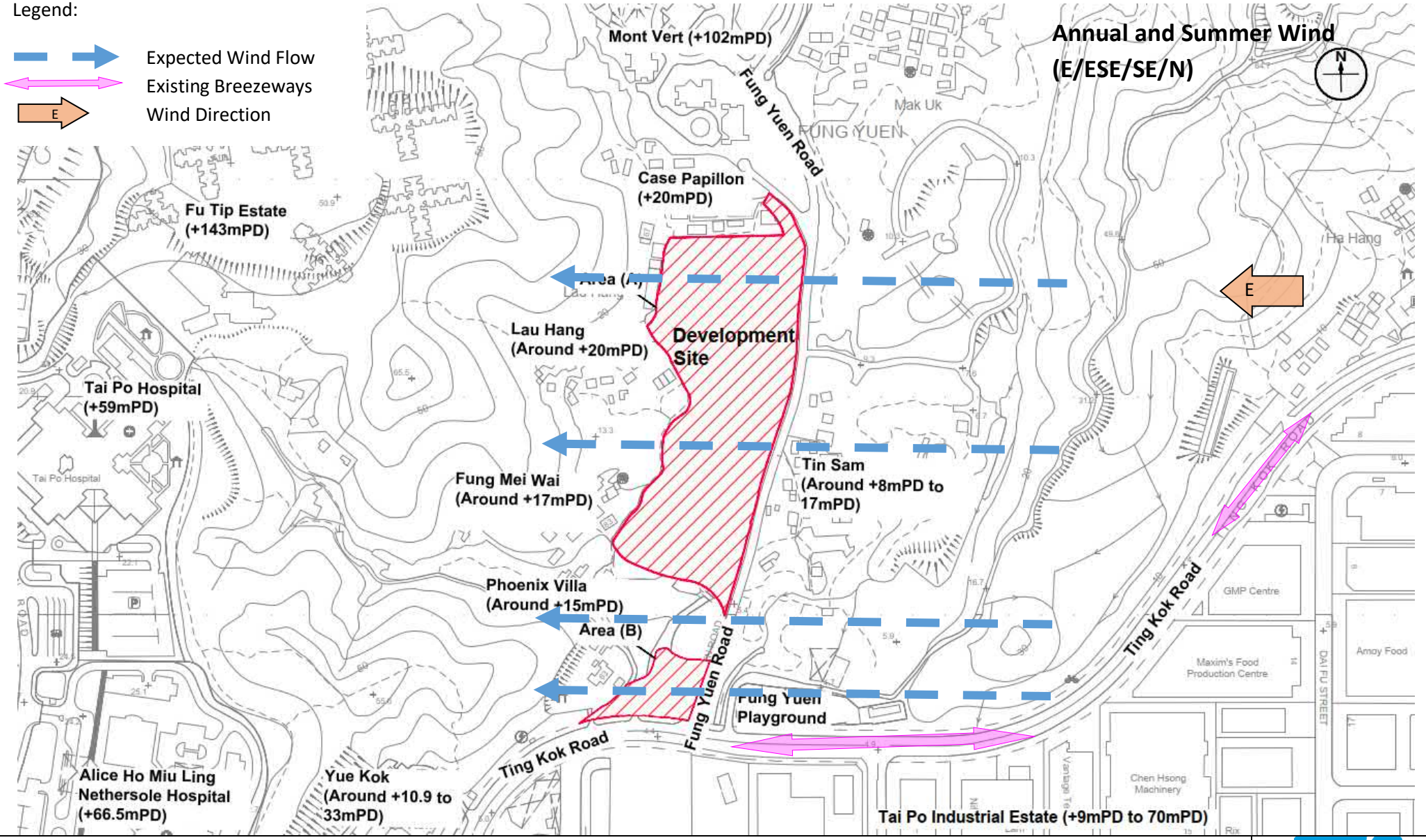

Figure: 3

Title: Illustration of Wind Flow from E Wind Direction for Existing Condition

RAMBOLL

Drawn by: MK

Checked by: CC

Project: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Rev.: 4.2

Date: Aug 2025

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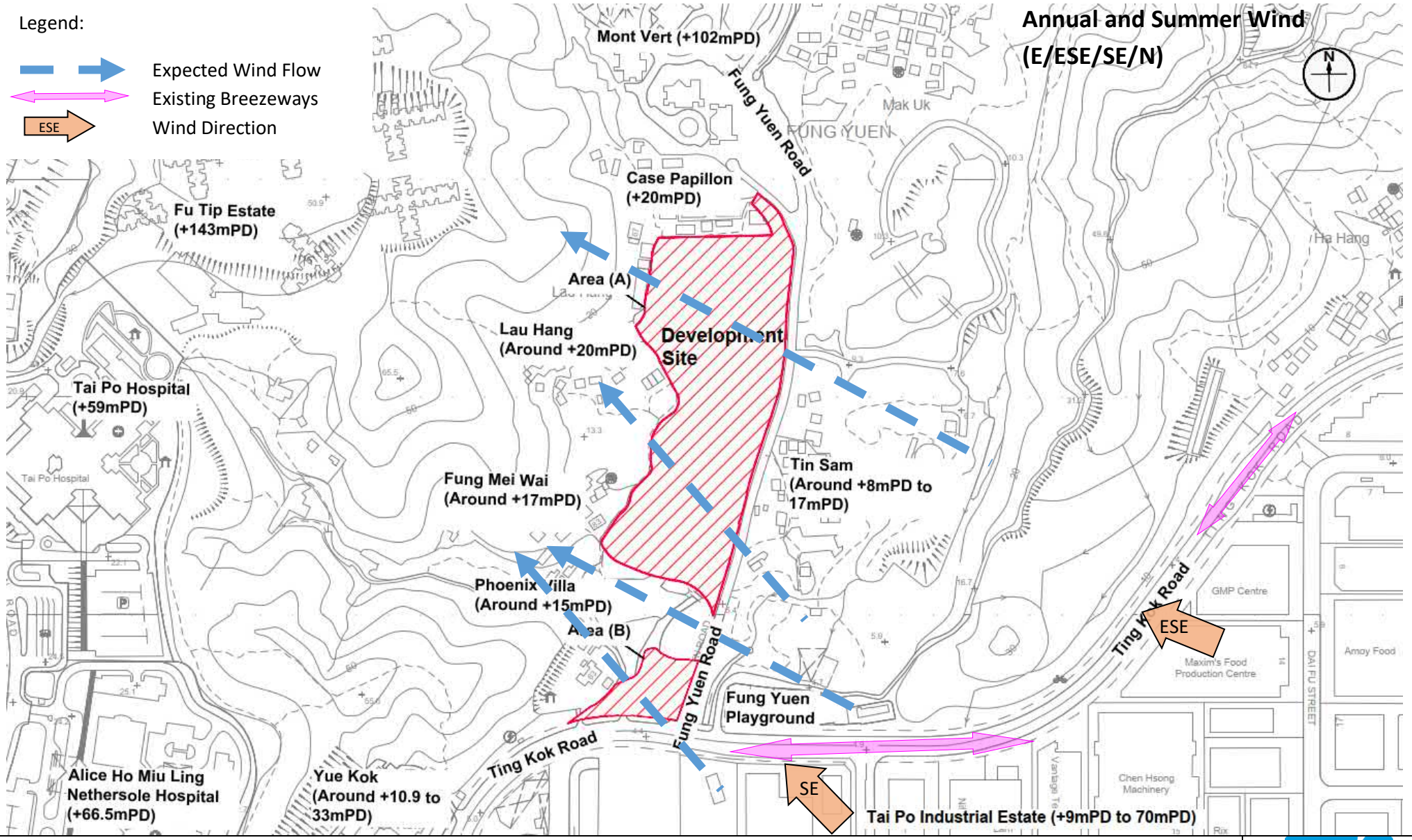

Figure: 4	RAMBOLL
Title: Illustration of Wind Flow from ESE and SE Wind Directions for Existing Condition	Drawn by: MK Checked by: CC
Project: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	Rev.: 4.2 Date: Aug 2025

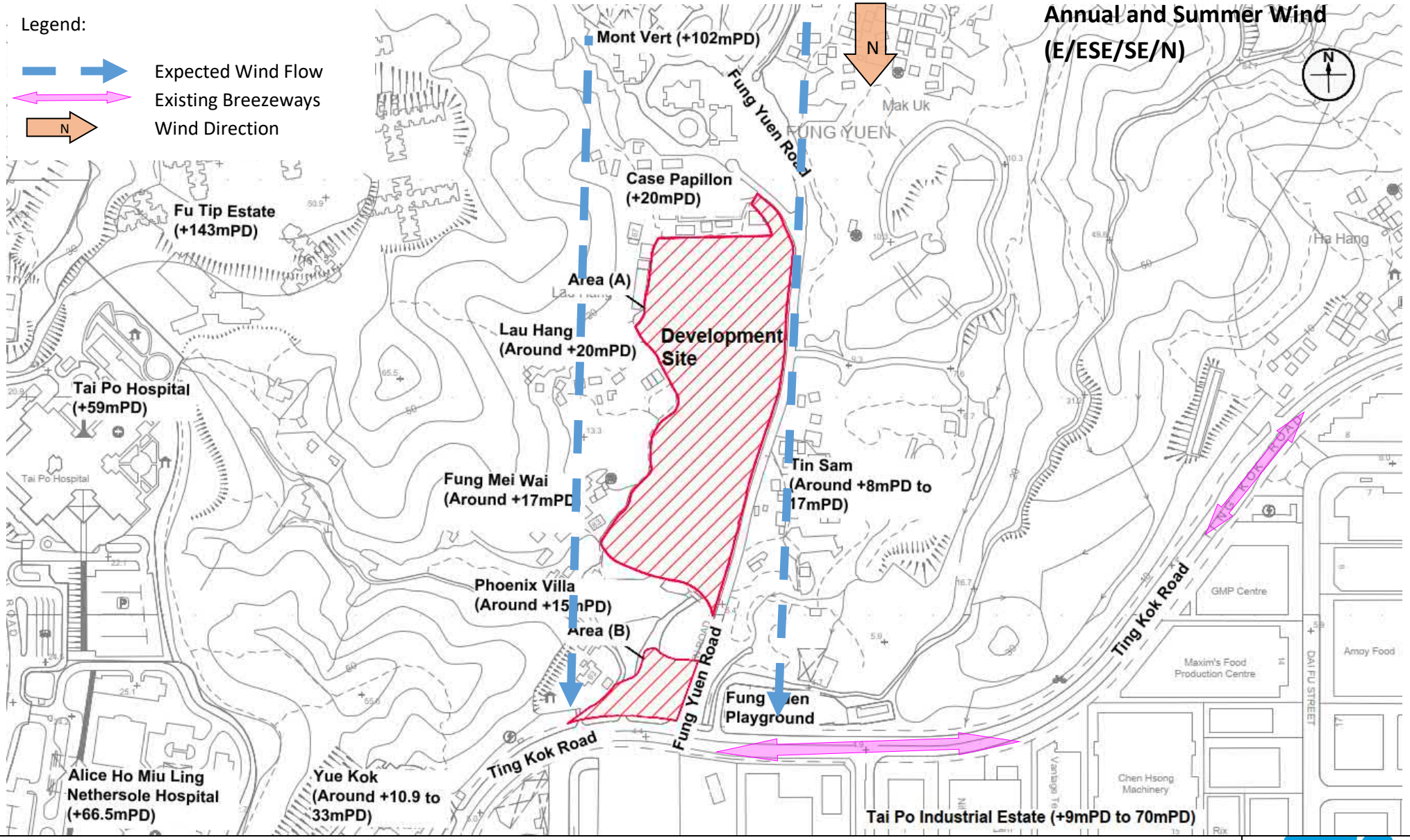

Figure: 5	RAMBOLL
Title: Illustration of Wind Flow from N Wind Direction for Existing Condition	Drawn by: MK Checked by: CC
Project: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	Rev.: 4.2 Date: Aug 2025

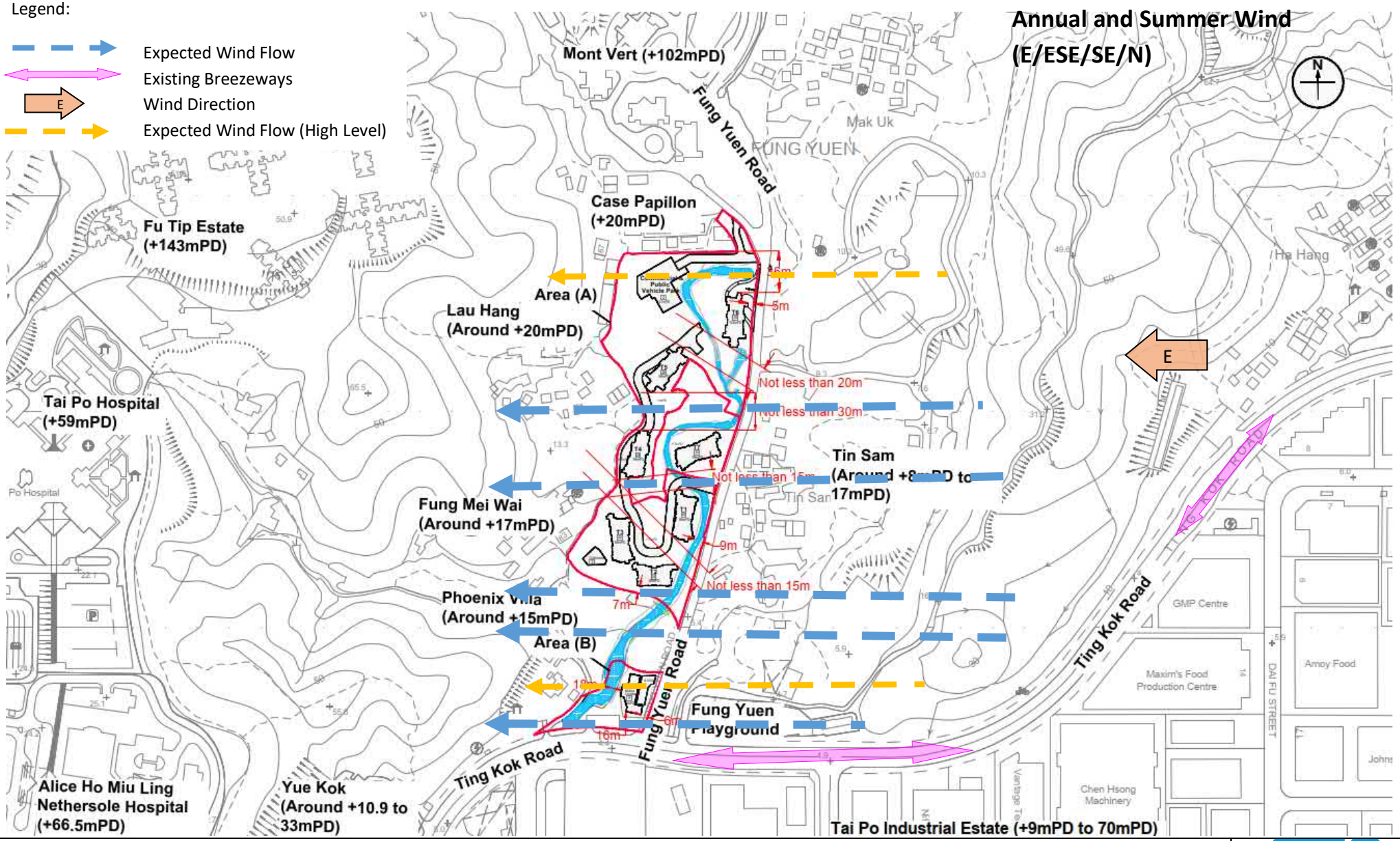

Figure: 6	RAMBOLL
Title: Illustration of Wind Flow from E Wind Direction for Proposed Scheme	Drawn by: MK Checked by: CC
Project: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	Rev.: 4.2 Date: Aug 2025

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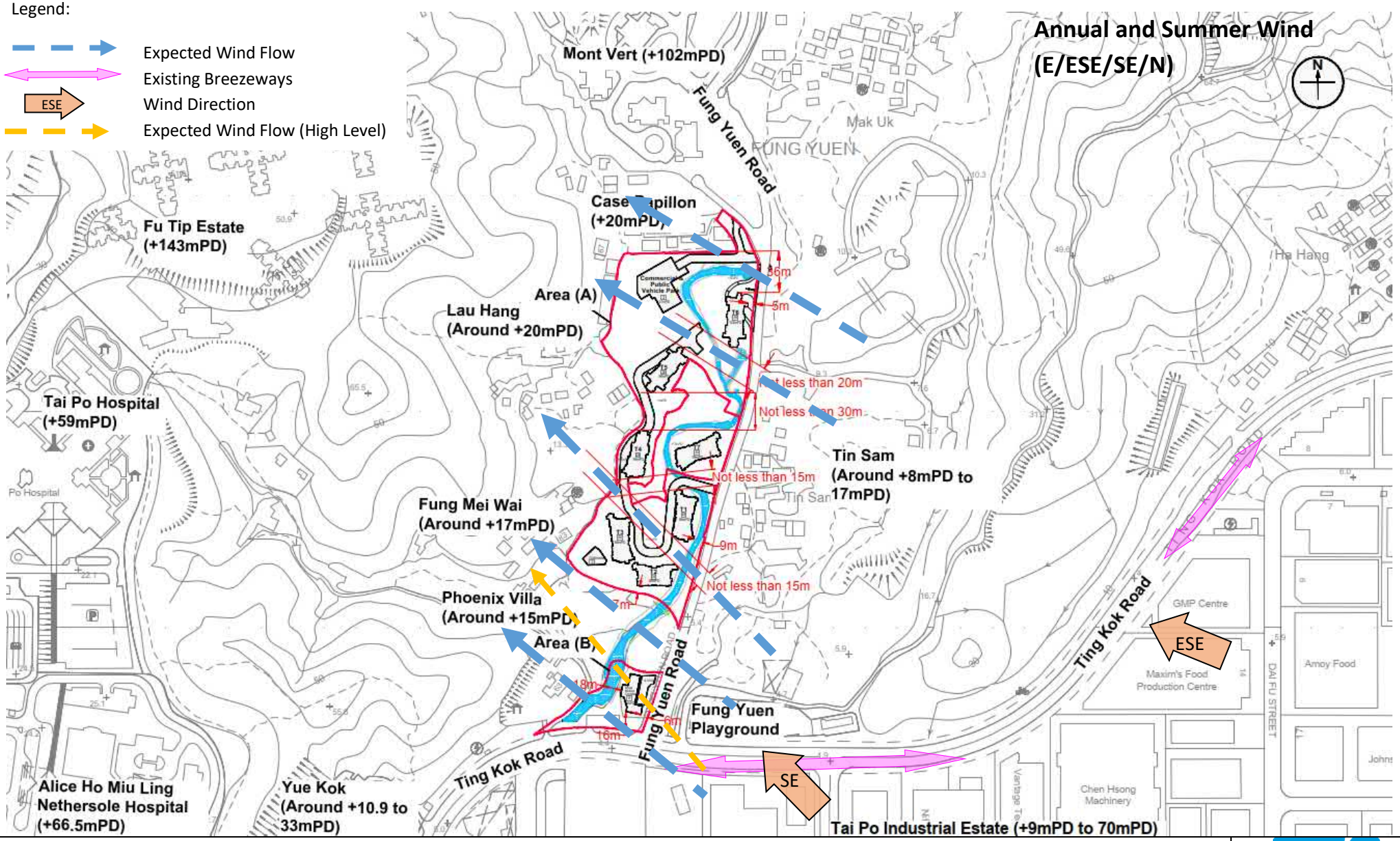


Figure: 7

Title: Illustration of Wind Flow from ESE and SE Wind Directions for Proposed Scheme

Project: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

RAMBOLL

Drawn by: MK

Checked by: CC

Rev.: 4.2

Date: Aug 2025

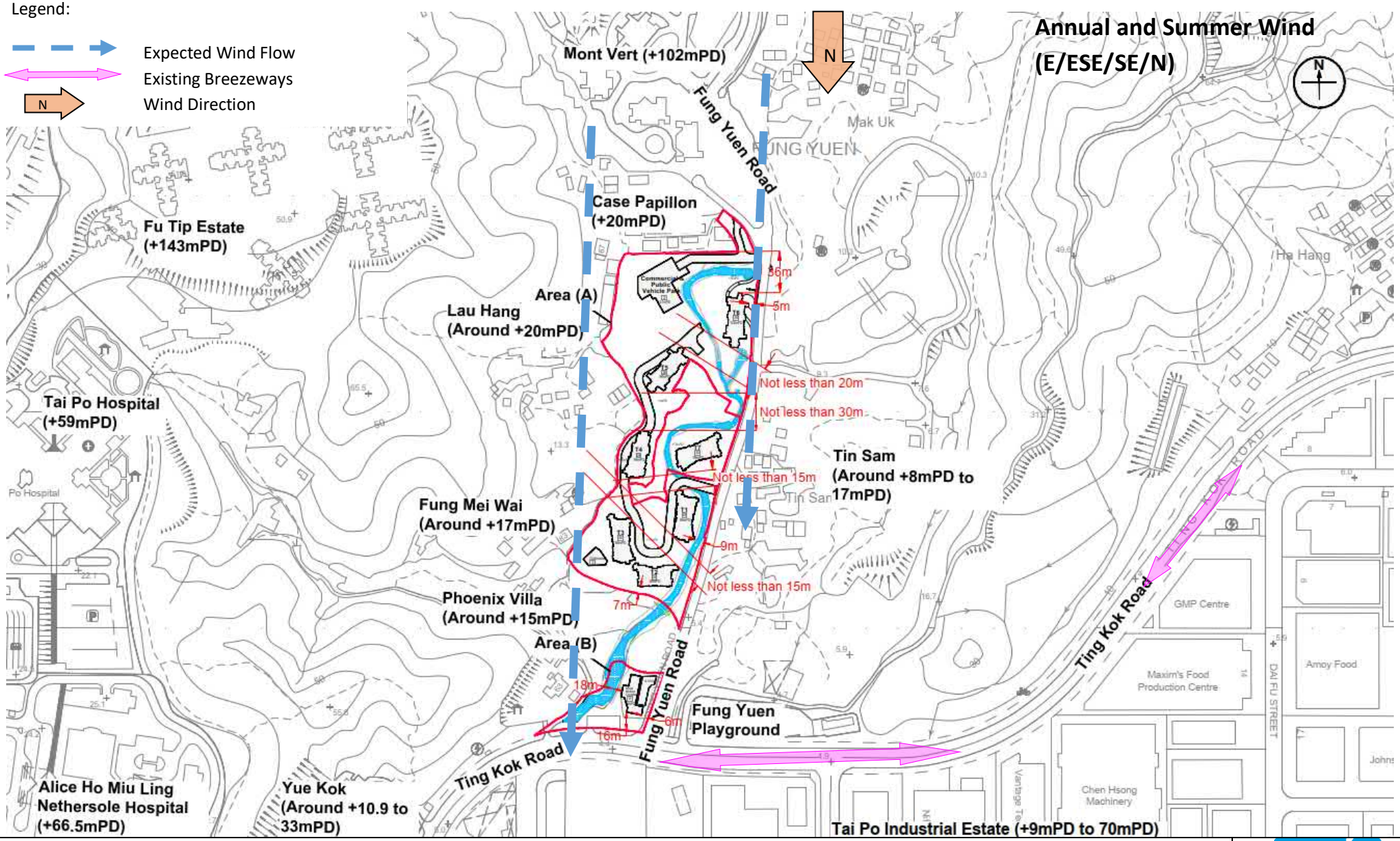
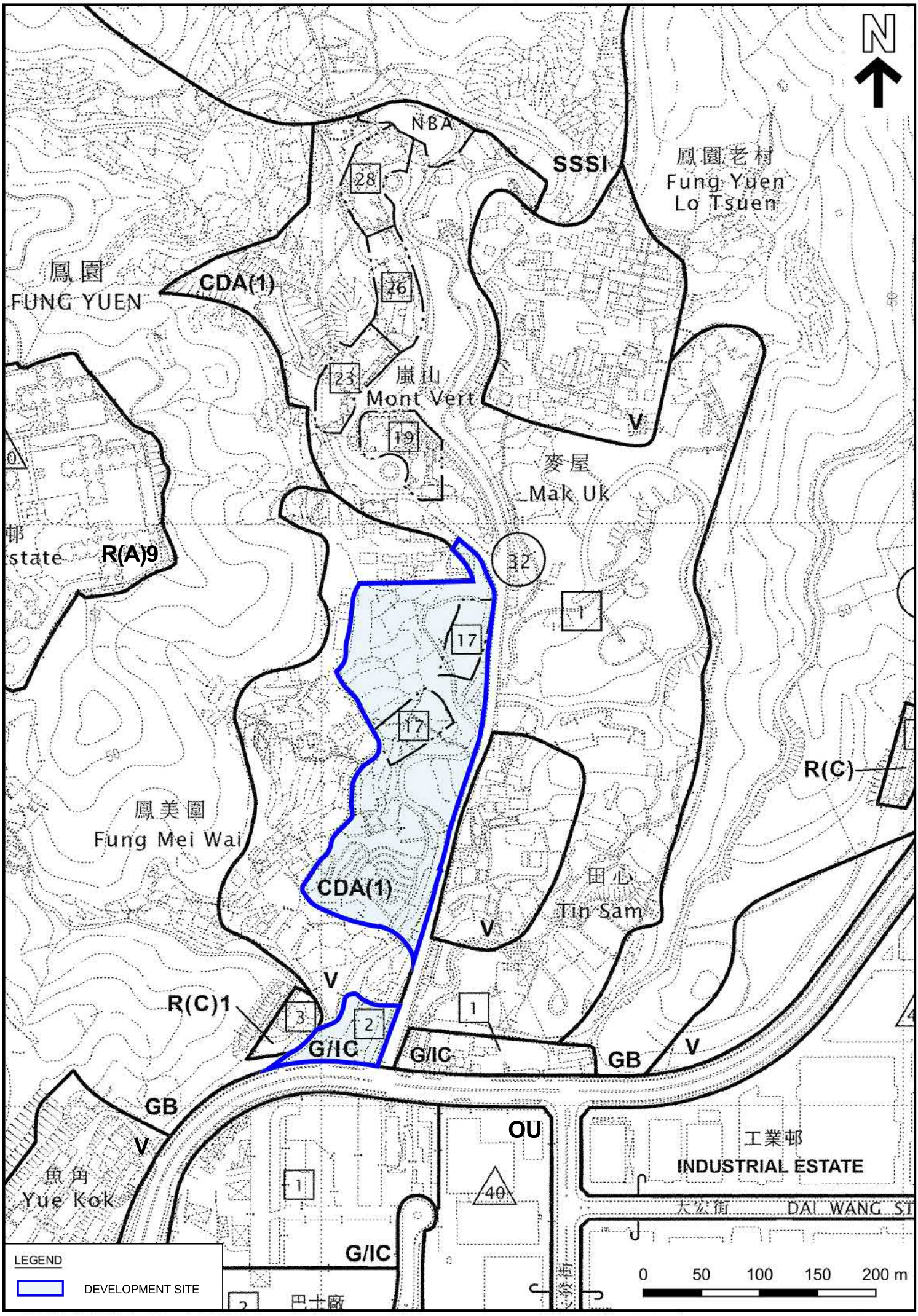


Figure: 8	RAMBOLL
Title: Illustration of Wind Flow from N Wind Direction for Proposed Scheme	Drawn by: MK Checked by: CC
Project: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	Rev.: 4.2 Date: Aug 2025

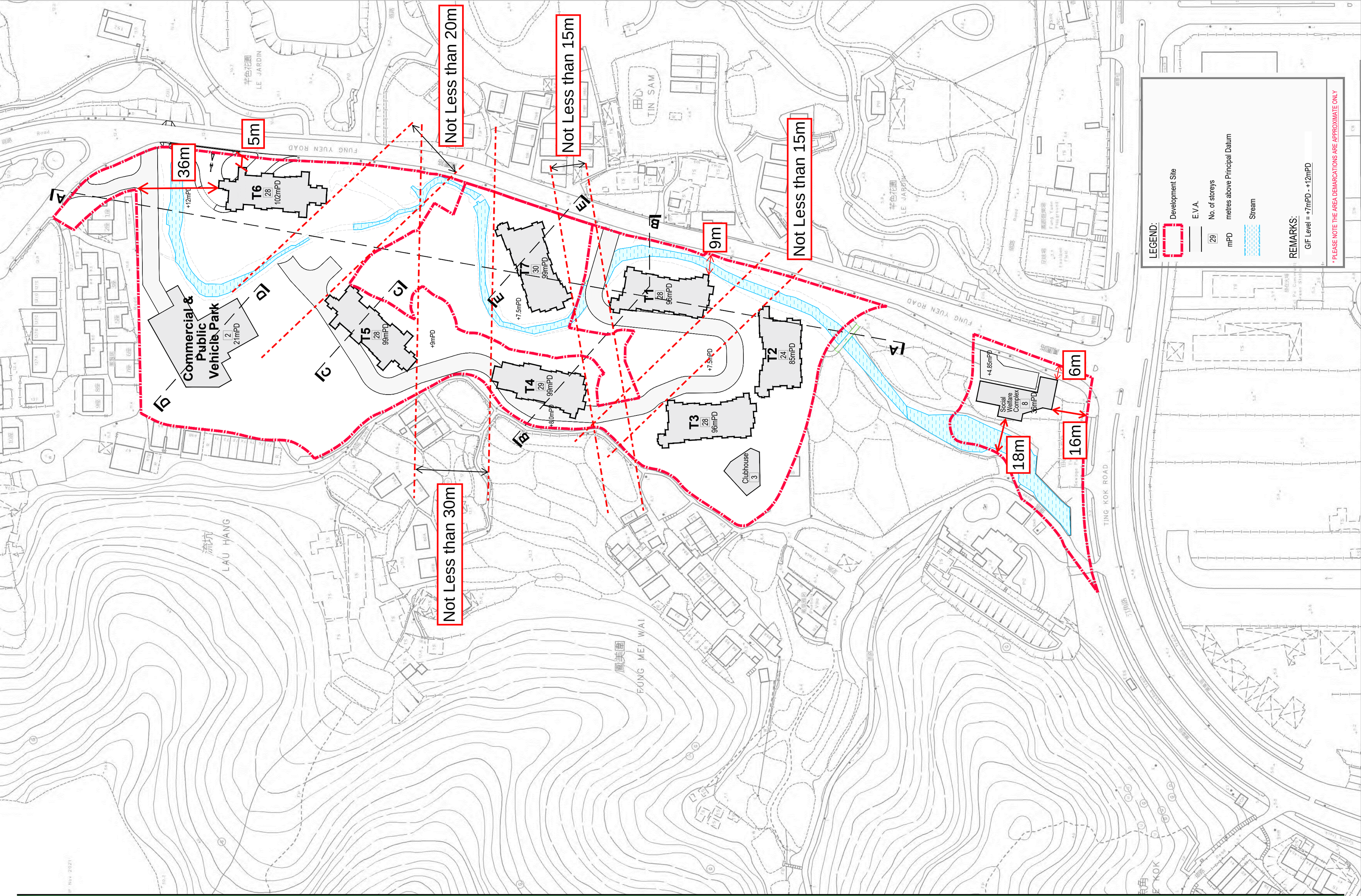
Appendix 1

The Indication Plan of the Zoning Context Plan


N
NBA
SSSI
鳳園老村
Fung Yuen
Lo Tsuen
鳳園
FUNG YUEN
CDA(1)
嵐山
Mont Vert
麥屋
Mak Uk
V
R(A)9
R(C)
鳳美園
Fung Mei Wai
田心
Tin Sam
R(C)1
G/IC
GB
OU
工業邨
INDUSTRIAL ESTATE
大公街
DAI WANG ST
魚角
Yue Kok
巴士廠
LEGEND
DEVELOPMENT SITE
0
50
100
150
200 m

Appendix 2

The Indication Plan of the Proposed Scheme



REZONING APPLICATION AT FUNG YUEN ROAD, TAI PO, N.T.

Indicative Layout Plan

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10/09/2025
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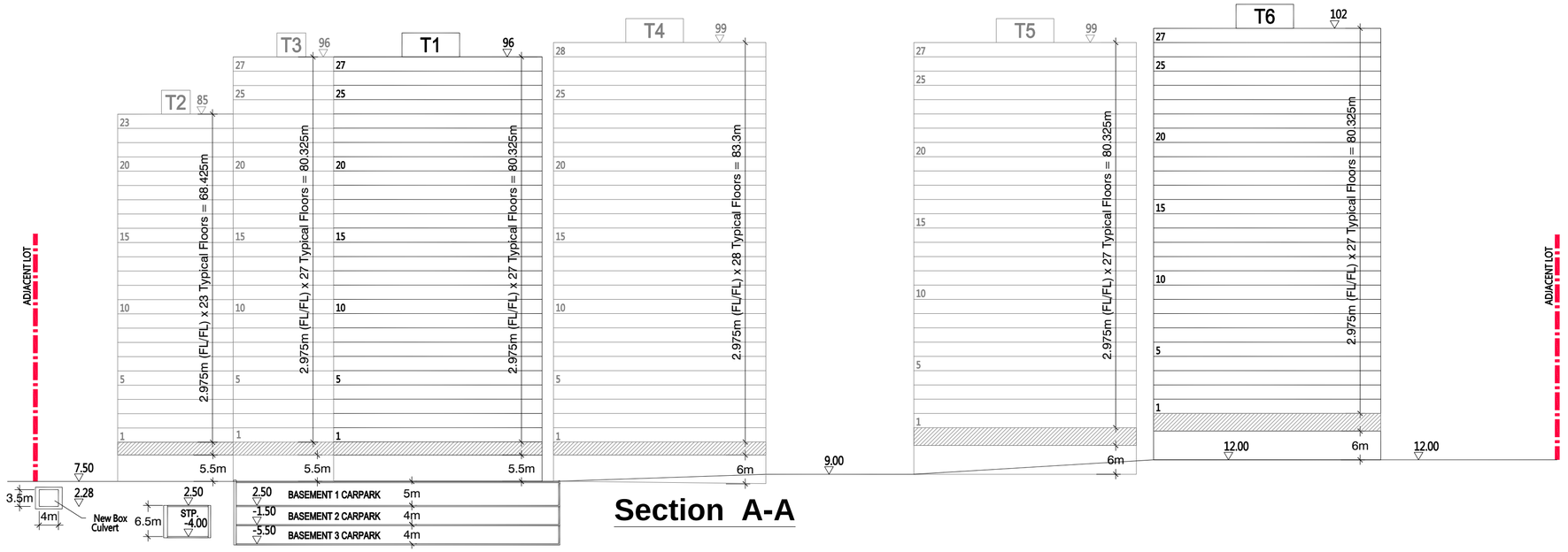
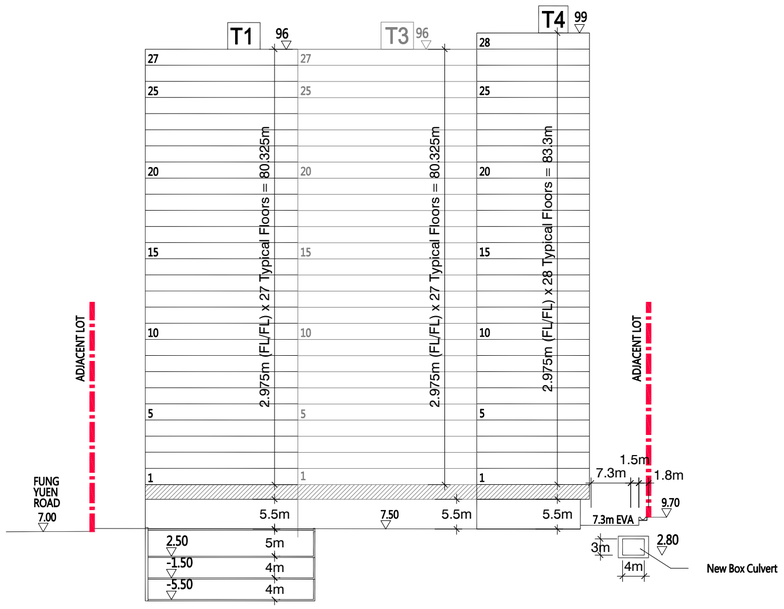


Section A-A



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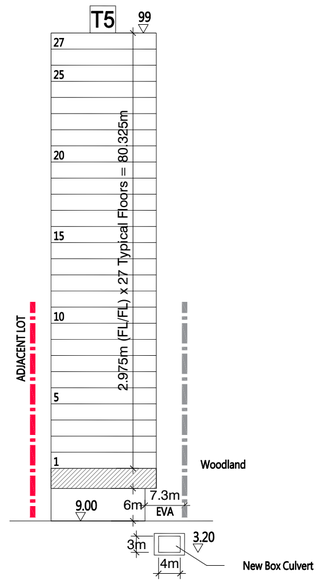

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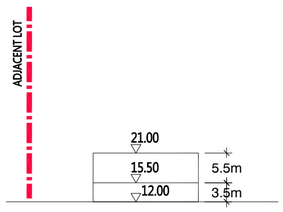

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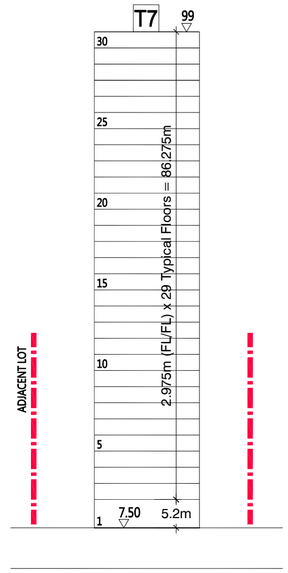

Section E-E

REZONING APPLICATION
AT FUNG YUEN ROAD,
TAI PO, N.T.

Diagrammatical Section Plan

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04/08/2025
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Appendix 10

Drainage Impact Assessment

MOTT MACDONALD

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Drainage Impact Assessment (Rev. A2)

September 2025

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Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Drainage Impact Assessment (Rev. A2)

September 2025

Mott MacDonald Hong Kong Limited
registered in Hong Kong no. 236497.
Registered Office: 3806 Central Plaza, 18
Harbour Road, Wanchai, Hong Kong.

Issue and Revision Record

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Document reference: 414368 | 022 | A2

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1 Introduction

1.1 General

1.1.1 Mott MacDonald Hong Kong Limited (hereinafter as "MMHK") was commissioned by the Applicant to prepare a Drainage Impact Assessment (DIA) for supporting the proposed development at Fung Yuen, Tai Po (the Development). The location of the proposed development is shown in **Appendix A1**.

1.1.2 This S.12A application is to seek the Town Planning Board's approval for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") for the proposed development at various lots and adjoining Government land at Fung Yuen, Tai Po, New Territories ("the Development Site"). The proposed development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B).

1.1.3 The Applicant submitted an s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and amending maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

1.1.4 Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The Proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely formed by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

1.1.5 This Drainage Impact Assessment (DIA) is prepared to support the planning application for the proposed development at various lots in D.D.11 and adjoining Government land in Fung Yuen, Tai Po under Section 12A of the Town Planning Ordinance for the proposed amendments to the OZP. This report forms part of the application document and will demonstrate that the proposed Development at the Development Site is feasible in terms of its impact on the drainage system.

1.1.6 The proposed Development will include the proposed phase I residential development with supporting retail and public vehicle park facilities in Area (A) Phase I; the proposed phase II residential development in Area (A) Phase II ; and the proposed Social Welfare Complex (SWC) consisting of a 150-place Residential Care Home for the Elderly

("RCHE") and a 30-place Day Care Unit ("DCU") for the Elderly in Area (B) as shown in layout plan of **Appendix A2**.

1.2 Objectives of the Assessment

1.2.1 The DIA focuses on the potential drainage impacts due to the implementation of the residential development in Area (A) Phase I, residential development in Area (A) Phase II, and the SWC in Area (B). The objective of the DIA is to identify, assess and mitigate potential adverse drainage impacts which may arise from the Development.

1.3 Structure of the Report

1.3.1 This DIA Report contains the following sections in addition to this introduction (Section 1):-

Section 2 – Methodology and Design Parameters for Drainage Impact Assessment

Discuss the methodology adopted and the design parameters used in the drainage impact assessment.

Section 3 – Existing Drainage System

Describe the drainage conditions and catchment characteristics of the existing drainage system.

Section 4 – Drainage Impact Assessment and Proposed Drainage System

Briefly discuss the catchment characteristics of the proposed Development and neighbouring area, assess the potential drainage impacts arising from the proposed Development, and propose the necessary drainage mitigation works as necessary.

Section 5 – Conclusion

Summarise the findings and conclude the drainage impact arising from the Development.

2 Methodology and Design Parameters for Drainage Impact Assessment

2.1 General Approach

2.1.1 The DIA is conducted by comparing the existing drainage condition (Baseline Condition) against the drainage condition after the implementation of the proposed Development (Proposed Condition) to identify potential drainage impacts to the existing drainage system near the Development Site. Appropriate mitigation measures will be proposed to reduce potential drainage impacts, if necessary.

2.1.2 Potential drainage impacts are identified by comparing the baseline drainage condition against the proposed drainage condition after the implementation of the proposed Development in respect of the water levels.

2.2 Assessment Methodology

Assessment Method

2.2.1 As discussed in the above section, potential drainage impacts are identified by comparing the baseline drainage condition against the proposed drainage condition. The existing drainage systems and its catchments likely to be affected by the proposed Development are presented in **Appendix B1** and **Appendix C1** respectively.

2.2.2 The following approach and methodology will be adopted in the drainage impact assessment:-

- Carry out desktop study to collect the relevant information for the assessment, relevant information collected included drainage record plans and hydraulic model for scenario of existing networks and existing land use developed in "CE 43/2012(DS) Review of Drainage Master Plan in Tai Po – Feasibility Study" (DMP Review in Tai Po) from Drainage Services Department (DSD) and river cross section survey for the stream within the Development Site received from the Applicant in **Appendix D**.
- Based on desktop information, identify the existing drainage systems in the vicinity of the Development Site;
- Estimate the change in runoff generated from the proposed Development; and
- Assess the drainage impacts arising from the proposed Development.

2.2.3 Due to the implementation of the proposed Development, the catchment characteristic within the Development Site will be changed to partly paved areas and partly landscaped areas. It is anticipated that the surface runoff shall be varied after the implementation of the proposed Development. For analysing the implications of the proposed condition, hydraulic model software "InfoWorks ICM" was adopted in the assessment.

2.2.4 To perform the drainage impact assessment, hydraulic model developed in DMP Review in Tai Po for scenario of Existing Networks and Existing Land Use (the Master Model) will form a basis for developing localised model (Baseline model, the extent of model refers to **Appendix F**) for existing drainage condition under this assessment. The localised model was updated with the supplement on river cross section survey

information. The baseline model of the existing drainage system is then used to establish hydraulic model for proposed Development under proposed condition.

2.3 Assessment Criteria, Design Parameters and Assumptions

Assessment Criteria

2.3.1 The assessment criteria are based on the recommendations set out in the Stormwater Drainage Manual (SDM) – 5th Edition, Corrigendum No.1/2022 and Corrigendum No.1/2024 issued by DSD. Flood event of 1 in 10 years return period, 1 in 50 years return period and 1 in 200 years return period for village drainage, branch and trunk drains respectively as recommended in Table 10 of SDM has been adopted in the design and assessment of drainage system for the Development. This DIA has also taken the Corrigendum No. 2/2024 of SDM into account for the formulation of proposed drainage mitigation measures.

2.3.2 The flood combinations in accordance with Section 6.4 and Table 11 of the SDM and repeated in **Table 2.1** are adopted to assess the existing and proposed drainage systems.

Table 2.1: Flood combinations

Flood Level Return Period (Years)	Rainfall Return Period (Years)	Sea Level Return Period (Years)	Flood Return Event Case
10	10	2	a
	2	10	b
50	50	10	a
	10	50	b
200	200	10	a
	10	200	b

Design Parameters and Assumptions for modelling

Modelling Approach

2.3.3 As mentioned above, the hydraulic performance of the drainage system near the Development Site has been assessed using InfoWorks ICM software. The assumptions and various parameters used in the modelling are presented in this section.

Baseline Model Scenario

2.3.4 Since the Master Model received from DSD was used for strategic drainage planning, to perform the DIA, a localised baseline model, consisting of the existing drainage system near the Development, has been developed based on the Master Model for existing network and existing land use under DMP Review in Tai Po. The localised model will adopt the same modelling elements of the existing drainage system such as conduits and catchment characteristics as Master Model provided by DSD while 2D grid extent has been re-meshed for the model extent in this report. The results of localised model will use for comparing flood level and extent under existing and proposed

conditions. Latest design rainfall and boundary condition at outfall for the localised model are updated to align with the latest Stormwater Drainage Manual.

2.3.5 The localised baseline model has also been refined to incorporate the following:-

- catchment delineation and discharge points for catchments adjacent to the Development Site have been reviewed according to topographic data shown in basemap;
- segment of the stream course within and near the Development Site has been surveyed and cross sections along the segment have been incorporated in the model according to the survey data; and
- some existing bridges found in site survey and site inspections were omitted from Master Model and they have been incorporated in the localised model.

2.3.6 SCS-Curve Number (CN) method and fixed runoff method, which were used in Master Model for runoff estimation, have been used to calculate the runoff from the assessed upland and urban catchments respectively. In order to identify the flooding condition for areas in the vicinity of the Development Site, a two-dimensional (2D) surface ground model covering the concerned area has been used in assessing the flood extent. Drainage system including the conduits, river reaches and channels are modelled through the 1D network.

2.3.7 The reviewed existing catchment plan and discharge points can be referred to **Appendix C1**. Detailed survey data of the cross sections along existing stream course segment and existing bridges within and near the Development Stie can be referred to **Appendix D**.

Proposed Model Scenario

2.3.8 Based on the localised model under baseline condition, a localised model under proposed condition was established. The changes incorporated in the model under proposed condition with reference to the latest layout plan in **Appendix A2** are:

- The change of CN for the Development Site due to the proposed residential development with supporting retail, public vehicle park and Social Welfare Complex (SWC);
- An existing river crossing will be reconstructed as vehicular bridge which has been modified for proposed condition in the model;
- Abandoned cross river facilities within the Development Site and abandoned cross river facility connecting to the Development near to Control Point 4a will be removed;
- The development area is set to its formation level of +7.5mPD to +12mPD;
- The proposed drainage works as discussed in Section 4; and
- A constant flow of about 0.1m^3/s has been allowed for the discharge of treated effluent from proposed sewage treatment plant.

2.3.9 The extent of the proposed model will be same as the baseline model and can be referred to **Appendix F**. A set of hydraulic models including baseline and proposed models used in this assessment is included in **Appendix H**.

Design Rainfall

2.3.10 A 4-hour duration rainfall profile has been used in model simulation and the rainfall profile is determined based on the equation as mentioned in Clause 4.3.5 of SDM where storm constants for different return period of HKO Headquarters (a, b, c) are given in Table 3a of SDM corrigendum No. 1/2024 and repeated in **Table 2.2.**

$$F(t) = \begin{cases} \dfrac{a[b+2(1-c)t]}{(2t+b)^{c+1}} & , \quad 0 \le t \le \dfrac{t_d}{2} \\ F(-t) & , \quad -\dfrac{t_d}{2} \le t \le 0 \end{cases}$$

where

F(t) = rate of rainfall or instantaneous intensity in mm/hr at time t (in minutes)

t_d = rainstorm duration (in minutes) (t_d <= 240)

a, b, c = storm constants given in Table 3a of SDM corrigendum No. 1/2024 and repeated in the following table.

Table 2.2: Storm constants for different return periods

Return Period T (years)	2	10	50	200
a	446.1	485.0	505.5	508.8
b	3.38	3.11	3.29	3.46
c	0.463	0.397	0.355	0.322

2.3.11 Rainfall duration of 240 minutes has been adopted for the assessment.

Design Modification due to Climate Change

2.3.12 According to SDM, climate change effect will be considered in this assessment. As a conservative estimation, the rainfall increase percentage and mean sea level rise projected to end 21st Century (2081 – 2100) as recommended in SDM Corrigendum No.1/2022 presented in **Table 2.3** have been adopted in this assessment. Besides, storm surge increase due to climate change at Tai Po Kau as recommended in SDM Corrigendum No.1/2022 presented in **Table 2.4** is also adopted in this assessment.

2.3.13 Considering the uncertainties in the range of possible future climate change development and global actions among nations on reducing carbon emissions, design allowance as recommended in SDM Corrigendum No.1/2022 presented in **Table 2.5** have been adopted in this assessment.

Table 2.3: Percentage of rainfall increase and sea level rise due to climate change

	Rainfall Increase	Mean sea Level Rise (m)
End 21st Century (2081 – 2100)	16.0%	0.47

Table 2.4: Storm surge increase due to climate change in end 21st Century

Return Period (Years)	Storm Surge Increase (m)
2	0.09
10	0.17
50	0.25
200	0.34

Table 2.5: Design allowance in end 21st Century

Return Period (Years)	Extreme Sea Level Rise (m)	Rainfall Increase
2	0.22	12.1%
10	0.25	
50	0.29	
200	0.34	

Design Water Level for Downstream Boundary

2.3.14 In order to assess the hydraulic performance of the existing drainage system, the downstream boundary condition at the sea outfall of the model follows the extreme design sea level at Tai Po Kau as recommended in Table 8 of SDM Corrigendum No.1/2022. The design sea level for the corresponding flood return period is summarised in **Table 2.6**.

Table 2.6: Design sea levels for different return periods

Return Period T (years)	Sea Level (mPD)	Sea Level with Climate Change (mPD)
2	2.97	3.75
10	3.54	4.43
50	4.41	5.42
200	5.59	6.74

Runoff Estimation

2.3.15 The estimation of runoff from the design rainfall events is calculated with two methods in InfoWorks ICM which are following the rural and urban approach adopted in DMP Review in Tai Po.

- Rural Catchments

The Soil Conservation Services (SCS) Curve Number method of InfoWorks ICM rainfall runoff module has been used to compute the runoff hydrograph. The SCS “Curve Number” CN is a characteristic of the soil type, land use and the initial degree of saturation. In this assessment, weighed average SCS curve numbers extracted from DMP Review in Tai Po have been adopted for existing condition. Other data for the catchments such as the catchment area, flow path length and slope have also been based on the Master Model from DMP Review in Tai Po.

For proposed development, CN value of 90 has been assumed for the developed areas of the Development Site under the proposed condition.

- Urban Catchments

The following runoff coefficient (C), based on DMP Review in Tai Po, has been adopted for urban catchments in this assessment:-

0.90 for paved area; and
0.30 for unpaved area.

Roughness

2.3.16 There are two approaches available in the ICM which can be used in modelling hydraulic roughness of the drainage system, i.e. Colebrook-White equation (ks) for underground drains or the Manning formula (n) for open channel or river.

2.3.17 For existing drainage system, the following roughness values have been adopted in accordance with DMP Review in Tai Po:-

- Colebrook-White ks value of 3mm has been adopted for pipelines and box culverts; and
- Manning's n value of 0.020 – 0.040 has been adopted for existing stream course.

2.3.18 For proposed drainage system, Colebrook-White ks value of 3mm has been adopted for the proposed new pipes and box culvert.

Sediment

2.3.19 For existing drainage system, siltation for the existing urban pipeline system follows the assumption used in Master Model from DMP Review in Tai Po.

2.3.20 For proposed drainage system, siltation follows the recommendation given in SDM, which suggests allowing for 5% reduction in flow area if the gradient is greater than 1 in 25 or 10% reduction in flow area in other cases.

3 Existing Drainage System

3.1 Site Condition

3.1.1 The Development Site (the Site) is located in an urban fringe environment, that covers site areas of about 31,854 square metres for Area (A) (comprising Phase I and Phase II) and about 3,347 square meters for Area (B), and situated next to Fung Yuen Road. The Site is found to be composed mostly trees and grass based on desktop study and site inspections. Topography of the Site is slightly oblique and with levels of around +2.1 mPD to 12.2 mPD. Villages and temporary structures are scattered in the surrounding area of the Site. The location of the Site is shown in **Appendix A1**. An existing stream course bounds the east side of the development in Area (A) Phase I and five existing river crossings connecting the west and east side of the stream are identified. The five existing river crossing structures have been located by carrying out site inspections and photos as well as cross-sections are given in **Appendix D** and **Appendix D1**.

3.2 Existing Drainage System and Catchment

3.2.1 The surface runoff from the existing catchments of the Site is currently discharged to a stream course passing through the Site that runs from the natural hillside area at the north of the Site up to the urbanized area at the south. Location of the stream course refers to **Appendix B1**.

3.2.2 Based on drainage record plan, the stream course that runs from the upstream hillside collects and conveys runoff from upstream and the Site. The stream is then connected to existing box culverts at Ting Kok Road next to Tin Sam Sewage Pumping Station. The existing box culverts laid along Dai Wah Street, size ranging from 3 cells of 3.8m x 2.1m to 5 cells of 4m x 2.7m, convey the runoff from upstream hillside and rural catchments as well as urban catchments and discharge to Tolo Harbour.

3.2.3 According to the topography, the runoff from the nearby villages, including Lau Hang (at about 11mPD to 15mPD) and Fung Mei Wai (at about 7mPD or above except some areas at South of Fung Mei Wai where the ground levels are ranged from a range of about 6mPD to 10mPD), is currently discharged to the existing stream course by overland flow. Under the existing condition, the Site currently serves as a flow path for collecting runoff from nearby villages, as well as a flow path for the flood water from the upstream of stream that will overland through the Site to downstream of the stream.

3.2.4 The existing drainage system in vicinity of the proposed Development is shown in **Appendix B1**.

3.3 Existing Land Use Surface Characteristics

3.3.1 The existing drainage system currently conveys runoff from several catchments. Based on hydraulic model under DMP Review in Tai Po, the delineation of local catchments discharging into the stream has been reviewed according to topography data in basemap. The reviewed local catchments, and catchment properties of the existing rural

sub-catchments which are based on DMP Review in Tai Po, have been summarised in **Table 3.1**. The existing catchment plan is shown in **Appendix C1**.

3.3.2 The CN values for the corresponding land uses are summarised in **Table 3.1** and are used to calculate the weighted CN for the following sub-catchments.

Table 3.1: Catchment properties of existing catchments

Model ID	Area (ha)	Weighted CN
SMH1049110_1	0.706	71.18
SMH1049111_1	0.302	70.33
Catchment_899	74.841	71.46
SGJ1003040_8	4.259	72.3
Catchment_900	56.098	71.36
Catchment_931	8.189	70.27
Catchment_929A_P02	10.852	69.68
Catchment_929A_P0	1.516	73.80
Catchment_901_1	10.607	71.10
Catchment_901_2	2.895	70.01
Catchment_901_4	6.280	75.08
Catchment_931_1	5.443	69.26
Catchment_901_5	4.104	68.02
Catchment_929A_P01 A	10.287	74.48
Catchment_929A_P01 B1	10.451	74.48
Catchment_901_3	6.507	74.13

3.3.3 Under this assessment, existing catchment (Model ID: Catchment_929A_P01) with weighted CN of 74.48 under DMP Review in Tai Po has been refined based on existing topography. By observing the crest of the hills within existing catchment (Model ID: Catchment_929A_P01), it can be sub-divided into two sub-catchments, namely Catchment_929A_P01 A and Catchment_929A_P01 B1 for the Site with discharge points as shown in **Appendix C1**. The corresponding CN values for the two sub-divided catchments, which are same as the Master Model, are summarised in the **Table 3.1**.

3.3.4 For other rural sub-catchments, weighted average CN values ranging from about 68 to 75, same as Master Model from DMP Review in Tai Po have been adopted.

3.3.5 For urban sub-catchments serviced by the assessed drainage, the existing surface characteristic are based on the runoff parameter currently adopted in Master Model from DMP Review in Tai Po.

3.4 Hydraulic Performance of Existing Drainage System

3.4.1 The hydraulic performance of the existing drainage system has been assessed by the model with the network containing the conduits, river reaches and channels in the existing drainage system including the stream course passing through the Site. Result showed that the existing stream course passing through the Site, in general, will flood even under 10 years flood return period for nearby village zone, Development Site and

Government , Institution or Community (G/IC) zone. Details of hydraulic model results can be referred to the hydraulic model included in **Appendix H**.

4 Drainage Impact Assessment and Proposed Drainage System

4.1 The Development

4.1.1 The proposed Development will include a residential development with supporting retail and public vehicle park in Area (A) Phase I; residential development in Area (A) Phase II; and a SWC with Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B). The proposed Development will include paved condition and some landscaping area. Existing river crossing facilities (i.e. River Crossing Structures (B) to (E) in **Appendix D1**) will be removed to enhance the hydraulic performance of the existing stream course. A new vehicular bridge will be constructed as the main access to the Site. The proposed residential development in Area (A) Phase I and Area (A) Phase II will have a site formation level of +7.5mPD to 12mPD and +7.5mPD to 8mPD respectively (refer to **Appendix A2**) . The proposed social welfare complex will have a site formation slightly higher than the nearby road level (around 4.85mPD) with floodwalls having the crest at 7.5mPD surrounding the Site. For the commercial & public vehicle park, the site formation level will be about 11mPD which is similar to the existing ground profile. Permeable fencing will be provided at the development boundaries, subject to detailed design at the next stage. Besides, blue-green drainage infrastructure, such as green roof, landscaping areas and permeable pavement for open space, would also be considered in future design stage. The layout of the proposed development is shown in **Appendix A2**.

4.1.2 To mitigate the flood condition at the localised area near the Site, the following drainage mitigation measures as shown in **Appendix B2** have been proposed and the layout of the proposed developments with the proposed drainage mitigation measures is also provided in **Appendix A3**:-

- The existing stream course will be maintained as it is and a 3m buffer area from building area has been reserved in the developments in Area (A) Phase I, Area (A) Phase II and Area (B). No buildings will be proposed at the buffer area;
- A single-cell box culvert with a size ranged from 4000mm x 3000mm to 4000mm x 3500mm will be provided in the development in Area (A) Phase I to convey most of the stormwater from the existing 3600mm x 2500mm box culvert at Fung Yuen Road and runoff from development in Area (A) Phase I to the downstream of the stream at Control Point 4a in **Appendix E** under extreme flood events;
- A 1050mm diameter pipe will be provided in the development in Area (A) Phase I to maintain partial stormwater flow from the existing 3600mm x 2500mm box culvert at Fung Yuen Road to midstream of the existing stream course;
- A 1650mm diameter pipe will be provided in the development in Area (A) Phase I to intercept and convey the stream water at Control Point 1 in **Appendix E** to the proposed box culvert;
- Subject to detailed design in next General Building Plan submission stage, boundary drains with covers and associated pipes will be provided in the development in Area (A) Phase I to intercept runoff from nearby villages to the existing stream course and/or the proposed box culvert as shown in **Appendix B2**.
- Flap valve will be provided at the downstream of Pipes 3.1.3, 3.2.2, 3.3.1 in the development in Area (A) Phase I and Pipe B1 in the development in Area (B); and

- Floodwalls surrounding the proposed social welfare complex in Area (B) with a crest of 7.5mPD will be provided.

4.1.3 On-site inspection will be carried out in the future detailed design and construction stage to verify all existing drainage pipes/ channels and ensure all existing drainage pipes/ channels are to be reconnected to the proposed/existing drainage system, as well as the existing flow paths will not be obstructed by the proposed works under the development. The existing runoff toward the existing drainage system on the site will be intercepted and redirected to the proposed/existing drainage system.

4.1.4 Based on hydraulic assessment of existing drainage system in **Section 3**, the existing stream course will be flooded even under a flood return period of 10 years. To prevent flooding in the upstream and mid-stream section of the existing stream course under extreme flood events, most of the flow from the existing 3.6m x 2.5m box culvert will be intercepted by the proposed box culvert under extreme conditions. A lower flow will be continuously discharged to existing stream course via the 1050mm diameter pipe under extreme flood events without causing flooding for the section of existing stream course within the Site while the steam course habitat can be maintained.

4.1.5 In view of that the proposed box culvert will be interfaced with the existing stream course, the existing stream course will be disconnected locally at the location of interface (i.e. immediate downstream of Control point 2 in **Appendix E**) so that the existing stream course will be divided into an upper section and a lower section as shown in **Appendix B2**. Under the proposed condition, the upper section of the existing stream course will be connected to the proposed box culvert via a proposed 1650mm diameter pipe; whilst the lower section of the existing stream course connecting to the downstream box culvert at Ting Kok Road will receive the partial stormwater flow from the existing 3600mm x 2500mm box culvert at Fung Yuen Road via the proposed 1050mm drain and flow from an existing 1800mm drain connecting from the storm storage pond on the east of Fung Yuen Road.

4.1.6 To properly collect the runoff from the nearby catchments including Lau Hang and Fung Mei Wai, boundary drains consisting of channels and associated pipes are proposed to intercept the runoff to the existing stream course and the proposed box culvert. A continuous boundary channel, Channel 3.1a to Channel 3.4, will be constructed at the west side of the Development to intercept the runoff from nearby catchments. Associated pipes connecting the continuous boundary channel and the proposed box culvert will be provided as by-pass pipes. The alignment of the proposed boundary channels and associated pipes is shown in **Appendix B2** and the hydraulic calculation of the proposed boundary channels and associated pipes is enclosed in **Appendix J**. In light of that the adjacent villages have a higher ground profile than the development and boundary drains have been proposed to intercept the runoff from the adjacent villages, adverse drainage impact to the adjacent villages is not anticipated.

4.1.7 The stormwater inside the developments of Area (A) Phase I will be collected by the internal drainage and is proposed to be discharged to the proposed box culvert; while Area (A) Phase II and Area (B) will be collected by the internal drainage and is proposed to be discharged to the existing stream course. Sectional views of the proposed

Development with the proposed drainage mitigation measures are shown in **Appendix K.**

4.2 Changes in Catchment and Existing Drainage Network due to the Proposed Development

4.2.1 As discussed in **Section 3**, the runoffs generated from the Site are discharged to the existing stream course along Fung Yuen Road. For the proposed Development, the runoff generated from Area (A) Phase I will be discharged to the proposed box culvert; while Area (A) Phase II and Area (B) will be discharged to the existing stream course via an internal drainage system.

4.2.2 Three existing catchments (Model ID: Catchment_929A_P0, Catchment_901_4 and Catchment_929A_P01 B1) are further refined to delineate the catchments of the proposed Development and its surrounding areas. The existing catchments (Model ID: Catchment_929A_P0, Catchment_901_4 and Catchment_929A_P01 B1) are divided into thirteen sub-catchments as shown in **Table 4.1**. The catchments of Site (Model ID: Catchment_Development_1, Catchment_Development_2, Catchment_Development_T6, Catchment_Development_T5, Catchment_Gov and Catchment_SWC) are delineated based on the footprint of the proposed Development. The surrounding areas of the Site are divided into another seven sub-catchments (Model ID: Catchment_929A_P01 B -1, 1, 2, 3, Catchment_929A_P0, Catchment_901_4 and BridA_DS) The discharge points of the divided eleven sub-catchments are reviewed and five of them has been refined based on existing topography as shown in **Appendix C2**.

4.2.3 There will be at least 20% landscape area in residential area under the developments in Area (A) Phase I and SWC in Area (B). The weighted CN value of 90 will be assigned to the catchments of residential area under the developments in Area (A) Phase I and SWC in Area (B) (i.e. Catchment_Development_1 and Catchment_SWC). Apart from the commercial & public vehicle park, the catchment properties for area in northern portion of the development in Area (A) Phase I will be kept unchanged, thus, the weighted CN value of 75.56 has been assigned for this catchment (Model ID: Catchment_Development_2).

4.2.4 For the development in Area (A) Phase II, the residential development will be located on the east side of the existing stream course and the western portion will be soft landscaping area. The weighted CN value of 80.95 has been assigned for this catchment (Model ID: Catchment_Gov). The CN values assigned for the Site after implementation of the Development and details are given in **Table 4.1**. The Catchment plan under proposed condition can be referred to **Appendix C2**.

4.2.5 For the remaining seven sub-divided catchment (Model ID: Catchment_929A_P01 B -1, 1, 2, 3, Catchment_929A_P0, Catchment_901_4 and BridA_DS), as there will be no change to these areas, CN value same as existing condition has been assigned.

Table 4.1: Catchment properties of proposed catchments

Model ID	Area (ha)	Weighted CN
Catchment_Development_1	1.111	90.00
Catchment_Development_T5	0.314	90.00
Catchment_Development_T6	0.438	90.00
Catchment_Development_2	0.789	75.56

Model ID	Area (ha)	Weighted CN
Catchment_SWC	0.112	90.00
Catchment_929A_P01 B -1	0.817	74.48
1	1.990	74.48
2	3.158	74.48
3	0.949	74.48
Catchment_Gov	0.528	80.95
Catchment_929A_P0	0.818	73.80
Catchment_901_4	6.252	75.08
BridA_DS	0.970	74.48

Remark:

1. Catchment_Gov is catchment for the development in Area (A) Phase II, the CN under sensitivity analysis for only development in Area (A) Phase I and Area (B) will be 75.20 which reflects the existing condition.

4.2.6 As there is no change to other catchments served by the assessed drainage system, and thus the catchment properties for other catchments in **Table 3.1** are also applicable to the proposed condition.

4.2.7 As mentioned in **Section 2**, the localised model under proposed condition has incorporated several changes due to the proposed Development in addition to the change in CN value arising from additional paved condition and they are listed below:-

- An existing river crossing will be reconstructed as vehicular bridge which has been modified for proposed condition in the model;
- Abandoned cross river facilities within the Development and abandoned cross river facility connecting to the Development near Control Point 4a will be removed;
- The Development area is set to its formation level of +7.5mPD to +12mPD;
- The proposed drainage improvement works as mentioned above; and
- A constant flow of about 0.1m^3/s has been allowed for the discharged of treated effluent from proposed sewage treatment plant.

4.3 Drainage Impact Assessment for the Entire Development

4.3.1 The drainage impact to the existing drainage system due to the Development consisting of the developments in Area (A) Phase I and Phase II, and Area (B) has been assessed with hydraulic model. The assessed drainage system includes the proposed box culvert, proposed 1050mm diameter pipe, proposed 1650mm diameter pipe, existing stream course, 3 cells of 3.8m x 2.1m box culverts across Ting Kok Road, 4 cells of 4m x 2.7m box culverts along Dai Wah Road and various pipeline and box culverts that discharge to box culvert along Dai Wah Road. Existing river crossings found on site and survey have been incorporated in the localised model for existing model, as well as the proposed model. Model extent can be referred to **Appendix F**.

4.3.2 Control points have been placed to observe changes in predicted water level between existing and proposed conditions for concerned drainage system. Location of control points can be found in **Appendix E**. The predicated water levels under the 10 years, 50

years and 200 years flood return period under the existing and proposed conditions are presented in **Table 4.2**.

4.3.3 The result of the hydraulic model also shows that the proposed 4m x 3m to 4m x 3.5m box culvert will have at least 300mm freeboard under 200-year flood event. The hydraulic profile of the proposed box culvert under 200-year flood event is shown in **Appendix L**.

Table 4.2: Predicted peak water levels and freeboard of stream near the Site under 10, 50 and 200 years flood events for the entire Development

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
10A	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.649	-1.029	-1.940	9.000	12.000	6.536	2.464	5.464	-2.113
	2	Section 7-7-Section 8-8	7.100	7.138	8.576	-1.476	-1.438	9.000	9.000	7.075	1.925	1.925	-1.501
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.968	-1.038	-0.378	8.00	7.590	6.446	1.554	1.144	-1.522
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.568	-0.848	-0.168	8.00	7.500	6.294	1.706	1.206	-1.274
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	6.851	-0.627	-0.470	7.200	7.500	5.523	1.677	1.977	-1.328
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	4.895	-0.305	0.727	7.500	5.622	4.662	2.838	0.960	-0.233
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	4.695	-0.230	-0.669	4.465	4.026	4.668	-0.203	-0.642	-0.027
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	4.656	-0.907	-1.231	3.749	3.425	4.690	-0.941	-1.265	0.034
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	4.682	-1.042	-1.682	3.640	3.000	4.728	-1.088	-1.728	0.046
10B	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.296	-0.676	-1.587	9.000	12.000	5.687	3.313	6.313	-2.609
	2	Section 7-7-Section 8-8	7.100	7.138	8.289	-1.189	-1.151	9.000	9.000	6.988	2.012	2.012	-1.301
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.712	-0.782	-0.122	8.00	7.590	6.358	1.642	1.232	-1.354
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.337	-0.617	0.063	8.00	7.500	6.225	1.775	1.275	-1.112
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	6.605	-0.381	-0.224	7.200	7.500	5.473	1.727	2.027	-1.132
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	4.906	-0.316	0.716	7.500	5.622	4.814	2.686	0.808	-0.092
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-	4.465	4.026	4.819	-0.354	-0.793	4.465	4.026	4.827	-0.362	-0.801	0.008

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
		FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH											
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	4.818	-1.069	-1.393	3.749	3.425	4.844	-1.095	-1.419	0.026
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	4.849	-1.209	-1.849	3.640	3.000	4.861	-1.221	-1.861	0.012
50A	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.885	-1.265	-2.176	9.000	12.000	7.503	1.497	4.497	-1.382
	2	Section 7-7-Section 8-8	7.100	7.138	8.717	-1.617	-1.579	9.000	9.000	7.229	1.771	1.771	-1.488
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	8.106	-1.176	-0.516	8.00	7.590	6.544	1.456	1.046	-1.562
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.698	-0.978	-0.298	8.00	7.500	6.372	1.628	1.128	-1.326
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	7.006	-0.782	-0.625	7.200	7.500	5.619	1.581	1.881	-1.387
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	5.640	-1.050	-0.018	7.500	5.622	5.526	1.974	0.096	-0.114
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	5.568	-1.103	-1.542	4.465	4.026	5.540	-1.075	-1.514	-0.028
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	5.559	-1.810	-2.134	3.749	3.425	5.543	-1.794	-2.118	-0.016
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	5.561	-1.921	-2.561	3.640	3.000	5.572	-1.932	-2.572	0.011
50B	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.649	-1.029	-1.940	9.000	12.000	7.281	1.719	4.719	-1.368
	2	Section 7-7-Section 8-8	7.100	7.138	8.576	-1.476	-1.438	9.000	9.000	7.117	1.883	1.883	-1.459
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.969	-1.039	-0.379	8.00	7.590	6.474	1.526	1.116	-1.495
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.568	-0.848	-0.168	8.00	7.500	6.308	1.692	1.192	-1.260
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	6.869	-0.645	-0.488	7.200	7.500	5.916	1.284	1.584	-0.953

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	5.956	-1.366	-0.334	7.500	5.622	5.904	1.596	-0.282	-0.052
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	5.920	-1.455	-1.894	4.465	4.026	5.910	-1.445	-1.884	-0.010
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	5.920	-2.171	-2.495	3.749	3.425	5.901	-2.152	-2.476	-0.019
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	5.921	-2.281	-2.921	3.640	3.000	5.924	-2.284	-2.924	0.003
200A	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.917	-1.297	-2.208	9.000	12.000	7.911	1.089	4.089	-1.006
	2	Section 7-7-Section 8-8	7.100	7.138	8.737	-1.637	-1.599	9.000	9.000	7.288	1.712	1.712	-1.449
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	8.132	-1.202	-0.542	8.00	7.590	6.602	1.398	0.988	-1.530
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.724	-1.004	-0.324	8.00	7.500	6.419	1.581	1.081	-1.305
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	7.033	-0.809	-0.652	7.200	7.500	5.747	1.453	1.753	-1.286
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	5.827	-1.237	-0.205	7.500	5.622	5.719	1.781	-0.097	-0.108
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	5.765	-1.300	-1.739	4.465	4.026	5.729	-1.264	-1.703	-0.036
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	5.756	-2.007	-2.331	3.749	3.425	5.717	-1.968	-2.292	-0.039
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	5.754	-2.114	-2.754	3.640	3.000	5.750	-2.110	-2.750	-0.004
200B	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.649	-1.029	-1.940	9.000	12.000	8.097	0.903	3.903	-0.552
	2	Section 7-7-Section 8-8	7.100	7.138	8.576	-1.476	-1.438	9.000	9.000	7.289	1.711	1.711	-1.287
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.981	-1.051	-0.391	8.00	7.590	6.850	1.150	0.740	-1.131

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.586	-0.866	-0.186	8.00	7.500	6.791	1.209	0.709	-0.795
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	7.089	-0.865	-0.708	7.200	7.500	6.788	0.412	0.712	-0.301
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	6.808	-2.218	-1.186	7.500	5.622	6.790	0.710	-1.168	-0.018
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	6.802	-2.337	-2.776	4.465	4.026	6.810	-2.345	-2.784	0.008
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	6.815	-3.066	-3.390	3.749	3.425	6.852	-3.103	-3.427	0.037
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	6.826	-3.186	-3.826	3.640	3.000	6.824	-3.184	-3.824	-0.002

Remarks:-

1. Location of control points refers to **Appendix E**.
2. +ve value of freeboard indicates predicted water level is lower than the river bank level.
3. -ve value of freeboard indicates predicted water level is higher than the river bank level.
4. Under proposed condition, river banks within Site boundaries are adjusted due to the increase of site formation.

* Due to the backwater effect under high tide condition, water level at control points 5a, 5b and 6 is relatively high. However, the downstream drainage network has sufficient capacity under low tide condition.

4.3.4 With reference to results in **Table 4.2**, the water levels at the upstream and mid-stream section of the existing stream course are significantly reduced under 1 in 10 years, 1 in 50 years and 1 in 200 years flood event compared with the existing condition. For the upstream section of the existing stream course (i.e. Control points 1 and 2), the water level is reduced up to 2.6m, 1.5m and 1.4m under 1 in 10 years, 1 in 50 years and 1 in 200 years flood event compared with the existing condition. A significant drop of in water levels (up to -1.5m) is also anticipated at the mid-stream section of the existing stream course (i.e. Control points 3a, 3b and 3c) under 1 in 200 years flood event. With the provision of the proposed box culvert, the drainage condition at upstream and mid-stream of the stream course are greatly improved.

4.3.5 In view of that the removal of existing abandoned cross river facilities and provision of a proper drainage system i.e. the proposed box culvert, which collects stormwater including flooded water and part of stream course water under existing drainage condition back to the downstream section of the existing stream course at Control point 4a, under the proposed condition, there will be a slight decrease in the water level at Control point 4a under 1 in 200 years storm event compared with the existing condition.

4.3.6 At the downstream section of the existing stream course (Control Points 5a, 5b and 6) which located at a village zone, the predicated water level is similar to existing condition and flooding only localised at area near to the banks of existing stream course. With reference to the flood extent map in **Appendix G**, there is no major change in flooding extent under the 1 in 10 years flood event. Also, flood wall with crest level of +7.5mPD (with 0.3m freeboard under the 200 years flood event) has been proposed at the proposed SWC to mitigate the potential flood risk. Under daily operation, internal drainage system will collect and discharge the local runoff to the proposed box culvert for the development in Area (A) Phase I and to the existing stream course for development in Area (A) Phase II and Area (B). A flap valve will be provided to prevent backwater effect to the internal drainage system under extreme weather condition. To tackle the backwater effect under extreme weather event, local emergency pumping, if necessary, will be used for discharging the runoff from the SWC to the existing stream course to deal with the backwater effect. The local emergency pump should be equipped with a maximum pumping rate of 0.1m^3/s, which is equal to the maximum discharge from SWC under the 200 years rainfall, to handle the peak local runoff from the proposed SWC. The local emergency pumping, consisting of a duty pump and a standby pump, will be deployed at the lowest point of the SWC and maintained by the future operator of the SWC. Thus, it is considered that there is no significant drainage impacts to the existing drainage system due to the proposed Development.

4.3.7 Under the existing condition, the Site currently serves as a flow path and the flood water from the upstream of stream will overland through the Site to downstream of the stream. The predicted maximum flood depth for flooding areas near to Control points 1 to 4a under existing condition is about 1.94m, 2.18m and 2.22m under 10 years, 50 years, and 200 years storm respectively. With reference to **Appendix G**, the flooding is no longer observed at the area near to Control point 1 to 4a under the proposed condition with both developments in Area (A) Phase I and Phase II due to the provision of proper drainage system. Thus, the flooding condition for area near Controls Points 1 to 4a has been significantly improved.

4.3.8 With reference to the flood extent map in **Appendix G**, local flooding is anticipated at the downstream section of the existing stream course (near to Control points 5a to 6) under 1 in 10 years, 1 in 50 years and 1 in 200 years flood events for both existing

condition and proposed conditions. The flood extent at the area is similar under both the existing and proposed conditions.

4.3.9 Under the extremely high sea level condition such as 1 in 50 years and 1 in 200 years design sea level, the design sea level of those extreme condition (i.e. 5.42mPD for 50 years and 6.74mPD for 200 years respectively) is higher than the existing ground levels for most of Tai Po area which are between 5mPD and 6mPD, for examples, the village areas, currently vegetation area, near Control Points 4 to 6 (i.e. ground levels from 4.4mPD to 4.6mPD). Sea water is anticipated to be flooded into those areas which have ground levels lower than the design sea level under 1 in 50 years and 1 in 200 years flood events in both existing and proposed conditions. Based on the hydraulic model results, the flooding for these areas is mainly arising from extreme high design sea level and low existing topography of the areas. In view of the flooding is causing by high design sea level, thus, it is considered that no significant adverse impacts will be arising from the proposed Development with the proposed drainage.

4.3.10 As the flood extent of the proposed condition are in generally reduced when compared to the existing condition. Thus, there will be no significant adverse impacts arising from the proposed Development upon the provision of proposed mitigation measures.

4.4 Drainage Impact Assessment for only Development in Area (A) Phase I and Area (B)

4.4.1 In view of the development in Area (A) Phase II will be implemented later than other parts of the Development, a hydraulic sensitivity analysis for only the development in Area (A) Phase I and Area (B) in place has also been carried out. Under this scenario, all proposed drainage system as mentioned in **Section 4.1** will be provided under the development in Area (A) Phase I and Area (B) except the site condition for the Area (A) Phase II will be maintained as existing condition and its runoff will be discharged to the existing stream course.

4.4.2 Same as scenario of the entire Development in **Section 4.3**, control points, as given in **Appendix E**, have been placed to observe changes in predicted water level between existing and proposed conditions for concerned drainage system under this sensitivity analysis. The predicated water levels under the 10 years, 50 years and 200 years flood return period under the existing and proposed conditions for only the development in Area (A) Phase I and Area (B) are presented in **Table 4.2**.

4.4.3 The result of the hydraulic model also shows that the proposed 4m x 3m to 4m x 3.5m box culvert will have at least 300mm freeboard under 200-year flood event.

Table 4.3: Predicted peak water levels and freeboard of stream near the Site under 10, 50 and 200 years flood events for only the Development in Area (A) Phase I and Area (B)

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
10A	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.649	-1.029	-1.940	9.000	12.000	6.535	2.465	5.465	-2.114
	2	Section 7-7-Section 8-8	7.100	7.138	8.576	-1.476	-1.438	9.000	9.000	7.075	1.925	1.925	-1.501
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.968	-1.038	-0.378	6.930	7.590	6.446	0.484	1.144	-1.522
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.568	-0.848	-0.168	6.720	7.400	6.294	0.426	1.106	-1.274
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	6.851	-0.627	-0.470	7.200	6.381	5.522	1.678	0.859	-1.329
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	4.895	-0.305	0.727	7.500	5.622	4.661	2.839	0.961	-0.234
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	4.695	-0.230	-0.669	4.465	4.026	4.666	-0.201	-0.640	-0.029
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	4.656	-0.907	-1.231	3.749	3.425	4.688	-0.939	-1.263	0.032
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	4.682	-1.042	-1.682	3.640	3.000	4.729	-1.089	-1.729	0.047
10B	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.296	-0.676	-1.587	9.000	12.000	5.687	3.313	6.313	-2.609
	2	Section 7-7-Section 8-8	7.100	7.138	8.289	-1.189	-1.151	9.000	9.000	6.988	2.012	2.012	-1.301
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.712	-0.782	-0.122	6.930	7.590	6.356	0.574	1.234	-1.356
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.337	-0.617	0.063	6.720	7.400	6.222	0.498	1.178	-1.115
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	6.605	-0.381	-0.224	7.200	6.381	5.471	1.729	0.910	-1.134
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	4.906	-0.316	0.716	7.500	5.622	4.813	2.687	0.809	-0.093

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	4.819	-0.354	-0.793	4.465	4.026	4.827	-0.362	-0.801	0.008
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	4.818	-1.069	-1.393	3.749	3.425	4.841	-1.092	-1.416	0.023
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	4.849	-1.209	-1.849	3.640	3.000	4.861	-1.221	-1.861	0.012
50A	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.885	-1.265	-2.176	9.000	12.000	7.503	1.497	4.497	-1.382
	2	Section 7-7-Section 8-8	7.100	7.138	8.717	-1.617	-1.579	9.000	9.000	7.229	1.771	1.771	-1.488
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	8.106	-1.176	-0.516	6.930	7.590	6.543	0.387	1.047	-1.563
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.698	-0.978	-0.298	6.720	7.400	6.372	0.348	1.028	-1.326
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	7.006	-0.782	-0.625	7.200	6.381	5.618	1.582	0.763	-1.388
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	5.640	-1.050	-0.018	7.500	5.622	5.529	1.971	0.093	-0.111
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	5.568	-1.103	-1.542	4.465	4.026	5.541	-1.076	-1.515	-0.027
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	5.559	-1.810	-2.134	3.749	3.425	5.542	-1.793	-2.117	-0.017
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	5.561	-1.921	-2.561	3.640	3.000	5.577	-1.937	-2.577	0.016
50B	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.649	-1.029	-1.940	9.000	12.000	7.285	1.715	4.715	-1.364
	2	Section 7-7-Section 8-8	7.100	7.138	8.576	-1.476	-1.438	9.000	9.000	7.117	1.883	1.883	-1.459
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.969	-1.039	-0.379	6.930	7.590	6.473	0.457	1.117	-1.496
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.568	-0.848	-0.168	6.720	7.400	6.308	0.412	1.092	-1.260

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	6.869	-0.645	-0.488	7.200	6.381	5.920	1.280	0.461	-0.949
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	5.956	-1.366	-0.334	7.500	5.622	5.908	1.592	-0.286	-0.048
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	5.920	-1.455	-1.894	4.465	4.026	5.914	-1.449	-1.888	-0.006
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	5.920	-2.171	-2.495	3.749	3.425	5.904	-2.155	-2.479	-0.016
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	5.921	-2.281	-2.921	3.640	3.000	5.927	-2.287	-2.927	0.006
200A	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.917	-1.297	-2.208	9.000	12.000	7.913	1.087	4.087	-1.004
	2	Section 7-7-Section 8-8	7.100	7.138	8.737	-1.637	-1.599	9.000	9.000	7.288	1.712	1.712	-1.449
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	8.132	-1.202	-0.542	6.930	7.590	6.603	0.327	0.987	-1.529
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.724	-1.004	-0.324	6.720	7.400	6.420	0.300	0.980	-1.304
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	7.033	-0.809	-0.652	7.200	6.381	5.751	1.449	0.630	-1.282
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	5.827	-1.237	-0.205	7.500	5.622	5.724	1.776	-0.102	-0.103
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	5.765	-1.300	-1.739	4.465	4.026	5.735	-1.270	-1.709	-0.030
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	5.756	-2.007	-2.331	3.749	3.425	5.723	-1.974	-2.298	-0.033
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	5.754	-2.114	-2.754	3.640	3.000	5.756	-2.116	-2.756	0.002
200B	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.649	-1.029	-1.940	9.000	12.000	8.105	0.895	3.895	-0.544
	2	Section 7-7-Section 8-8	7.100	7.138	8.576	-1.476	-1.438	9.000	9.000	7.296	1.704	1.704	-1.280

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.981	-1.051	-0.391	6.930	7.590	7.048	-0.118	0.542	-0.933
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.586	-0.866	-0.186	6.720	7.400	7.037	-0.317	0.363	-0.549
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	7.089	-0.865	-0.708	7.200	6.381	6.865	0.335	-0.484	-0.224
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	6.808	-2.218	-1.186	7.500	5.622	6.800	0.700	-1.178	-0.008
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	6.802	-2.337	-2.776	4.465	4.026	6.840	-2.375	-2.814	0.038
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	6.815	-3.066	-3.390	3.749	3.425	6.864	-3.115	-3.439	0.049
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	6.826	-3.186	-3.826	3.640	3.000	6.837	-3.197	-3.837	0.011

Remarks:-

1. Location of control points refers to **Appendix E**.
2. +ve value of freeboard indicates predicted water level is lower than the river bank level.
3. -ve value of freeboard indicates predicted water level is higher than the river bank level.
4. Under proposed condition, river banks within Site boundaries are adjusted due to the increase of site formation.

* Due to the backwater effect under high tide condition, water level at control points 5a, 5b and 6 is relatively high. However, the downstream drainage network has sufficient capacity under low tide condition.

4.4.4 Same as the entire Development scenario, with reference to results in **Table 4.2**, the water levels at the upstream and mid-stream section of the existing stream course are significantly reduced under 1 in 10 years, 1 in 50 years and 1 in 200 years flood event compared with the existing condition. For the upstream section of the existing stream course (i.e. Control points 1 and 2), the water level is reduced up to 2.6m, 1.5m and 1.4m under 1 in 10 years, 1 in 50 years and 1 in 200 years flood event compared with the existing condition. A significant drop of in water levels (up to -1.5m) is also anticipated at the mid-stream section of the existing stream course (i.e. Control points 3a, 3b and 3c) under 1 in 200 years flood event. With the provision of the proposed box culvert, the drainage condition at upstream and mid-stream of the stream course are greatly improved. Although the drainage condition at mid-stream of stream course between Control point 3a and 3b is significant improved, due to relatively low existing ground levels in Area (A) Phase II, the section of stream course falling within this area will marginally have a 300mm freeboard under the 200 years storm event upon the runoff from the development in Area (A) Phase I has been discharged to the proposed box culvert.

4.4.5 Similar to scenario of entire Development, at Control point 4a, under the proposed condition, there will be a slight decrease in the water level at Control point 4a under 1 in 200 years storm event compared with the existing condition.

4.4.6 At the downstream section of the existing stream course (Control Points 5a, 5b and 6) which located at a village zone, the predicated water level is similar to existing condition and flooding only localised at area near to the banks of existing stream course. With reference to the flood extent map in **Appendix G**, there is also no major change in flooding extent under the 1 in 10 years flood event under the hydraulic sensitivity analysis. Also, flood wall with crest level of +7.5mPD (with 0.3m freeboard under the 200 years flood event) at the proposed SWC in Area (B) is also provided to mitigate the potential flood risk.

4.4.7 Under daily operation, internal drainage system will be provided to collect and discharge the local runoff to the proposed box culvert for the development in Area (A) Phase I and to the existing stream course for Area (B). Same as scenario of entire Development, flap valve and local emergency pumping (with a maximum pumping rate of $0.1m^3/s$ that capable to 200 years storm peak runoff from the proposed SWC) will be provided for the SWC in Area (B) to prevent backwater effect to the internal drainage system under extreme weather condition. Thus, it is considered that there is no significant drainage impacts to the existing drainage system due to the proposed development in Area (A) Phase I and Area (B).

4.4.8 With reference to **Appendix G**, the flooding condition for area near Controls Points 1 to 4a has been significantly improved under the proposed condition with only development in Area (A) Phase I and Area (B) due to the provision of proper drainage system. Local flooding is anticipated at the downstream section of the existing stream course (near to Control points 5a to 6) under 1 in 10 years, 1 in 50 years and 1 in 200 years flood events for both existing condition and proposed conditions. The flood extent at the area is similar under both the existing and proposed conditions under this scenario.

4.4.9 Same as the entire Development as discussed in **Section 4.3.9**, under the extremely high sea level condition such as 1 in 50 years and 1 in 200 years design sea level (i.e. 5.42mPD for 50 years and 6.74mPD for 200 years respectively), low-lying areas, for examples, the local area on the east of the site adjacent to Tower 4 (i.e. ground level is about 6mPD) and village areas, currently vegetation area, near Control Points 4 to 6

(i.e. ground levels from 4.4mPD to 4.6mPD) is anticipated to be flooded by sea water under 1 in 50 years and 1 in 200 years flood events under both existing and proposed conditions. Based on the hydraulic model results, the flooding for these areas is mainly arising from extreme high design sea level and low existing topography of the areas. In view of the flooding is causing by high design sea level, thus, it is considered that no significant adverse impacts will be arising from the proposed Development with the proposed drainage.

4.4.10 As the flood extent of the proposed condition are in generally reduced when compared to the existing condition. Thus, there will be no significant adverse impacts arising from the proposed Development upon the provision of proposed mitigation measures.

4.5 Maintenance Responsibility

4.5.1 **Appendix I** shows the drainage features within and near the Development Site and **Table 4.4** summarises the proposed maintenance parties for the drainage features associated with the proposed development.

4.5.2 In light of that part of the existing stream course falling within the development in Area (A) Phase I and Area (A) Phase II, the owners of the development in Area (A) Phase I and Phase II will be responsible for the maintenance of that part of the existing stream course on government land and private land while HAD will be the maintenance party for the existing stream course located on unleased and unallocated government land. For other existing and proposed drainage features within the development in Area (A) Phase I , the owners of the development in Area (A) Phase I will be responsible for the maintenance of those proposed drainage features including proposed box culvert, 1650mm diameter pipe and 1050mm diameter on both government land and private lands.

4.5.3 The SWC will be managed by the future owner/ operator, the proposed flood wall with a crest level of 7.5 mPD for the SWC and drainage facilities, including flap valve for Pipe B1, will be maintained by the future owner/ operator.

4.5.4 The owners of the development in Area (A) Phase I will be responsible for the maintenance works of the proposed box culvert, the proposed boundary channels and associated pipes, the existing stream course on government land and private lands within the development in Area (A) Phase I and the existing stormwater drainage facilities at the northern part of the development in Area (A) Phase I near Fung Yuen Road, as well as structural maintenance of drainage within the development in Area (A) Phase I . The maintenance works will include routine inspection and desilting works for the proposed box culvert, the proposed boundary channels and associated pipes and the works will be carried out before wet season, after wet season and after storms.

4.5.5 The owners of the development in Area (A) Phase II will be responsible for the maintenance works of the existing stream course on government land and private lands within the development in Area (A) Phase II . The maintenance works will include routine

inspection and desilting works for the existing stream course and the works will be carried out before wet season, after wet season and after storms.

Table 4.4: Maintenance matrix

Drainage Features	Maintenance Party
Existing stream course within Area (A) Phase I of the Development Site Boundary	Owners of the development in Area (A) Phase I
Existing stream course within Area (A) Phase II of the Development Site Boundary	Owners of the development in Area (A) Phase II
Existing stream course outside Area (A) Phase I and Area (A) Phase II of the Development Site Boundary on unleased and unallocated Government land	HAD
Existing box culvert with a size ranged from 3.6m x 2.5m along Fung Yuen Road on Government land	DSD
Existing box culvert with a size ranged from 3.6m x 2.5m within the Area (A) Phase I of the Development Site Boundary	Owners of the development in Area (A) Phase I
Existing pipe with diameter of 600mm connecting from the lake in Butterfly Valley[1] to the existing stream course	The drainage works of the proposed development will not affect this existing pipe, maintenance responsibility will remain unchanged from the current arrangement.
Existing stormwater drainage facilities at the northern part of the Area (A) Phase I near Fung Yuen Road within the Development Site	Owners of the development in Area (A) Phase I
Proposed box culvert within the Area (A) Phase I of the Development Site Boundary	Owners of the development in Area (A) Phase I
Proposed pipe with diameter of 1650mm within the Area (A) Phase I of the Development Site Boundary	Owners of the development in Area (A) Phase I
Proposed pipe with diameter of 1050mm within the Area (A) Phase I of the Development Site Boundary	Owners of the development in Area (A) Phase I
Proposed boundary channels with covers and associated pipes and the proposed flap valve for Pipes 3.1.3, 3.2.2 and 3.3.1 within the Area (A) Phase I of the Development Site Boundary	Owners of the development in Area (A) Phase I
Proposed internal drainage within the Area (A) Phase I of the Development Site Boundary	Owners of the development in Area (A) Phase I
Proposed internal drainage within the Area (A) Phase II of the Development Site Boundary	Owners of the development in Area (A) Phase II
Proposed flood wall of the social welfare complex (SWC) and drainage facilities in Area (B) including the proposed flap valve for Pipe B1	Owner/ operator of the SWC

[1] Previously known as Le Jardin

Drainage Features	Maintenance Party
Proposed internal drainage, flap valve and emergency pump of SWC	Owner/ operator of the SWC

4.6 Conceptual Interim Drainage Arrangement for Construction Phases

4.6.1 To minimise flood risk in association with the construction phase of the proposed Development, conceptual interim drainage arrangement for construction stage including site formation stage and phasing of works for the proposed Development has been proposed in **Appendix M**. All the information in **Appendix M**, including but not limited to phasing of works and time of works, is tentative and subject to further update, if necessary, based on the future detailed design and Contractor actual construction arrangement for the final development layout.

4.6.2 Based on the construction sequence presented in **Appendix M**, the construction period for the proposed Development is a few years, to maintain the flow path of nearby areas mainly for villages and agriculture use near the Site, surface drainage channels as per permanent boundary channels for the development in Area (A) Phase I and interim drainage with discharge capacity for 10 years rainfall for the developments in Area (A) Phase II and Area (B) will be constructed at the beginning of construction stage and will be provided throughout the construction stage. The construction of permanent boundary drainage channels in Area (A) Phase I should be completed in construction stage before commencement of development works in the site. The site runoff will be properly collected and discharged into existing stream course via local temporary site drainage with desilting facilities. Also, the construction activities that will affect / in close vicinity of the existing stream course are all carefully scheduled and will be constructed in dry seasons. Thus, it is considered that there will be no insurmountable drainage impacts during construction stage and the flow path of neighbouring areas can be maintained.

5 Conclusion

5.1 Proposed Drainage System for Development and Drainage Impact

5.1.1 The surface runoff running from the Development Site will be discharged into existing stream course near to Fung Yuen Road. To mitigate the flood condition at the localised area near the Site, some drainage mitigation measures have been proposed:-

- The existing stream course will be maintained as it is and a 3m buffer area from building area has been reserved in the development in Area (A) Phase I, Area (A) Phase II and Area (B). No buildings will be proposed at the buffer area;
- A single-cell box culvert with a size ranged from 4000mm x 3000mm to 4000mm x 3500mm will be provided in the development in Area (A) Phase I to convey most of the stormwater from the existing 3600mm x 2500mm box culvert at Fung Yuen Road and runoff from development in Area (A) Phase I to the downstream of the stream (Control Point 4a) under extreme weather events;
- A 1050mm diameter pipe will be provided in the development in Area (A) Phase I to divert partially of the stormwater from the existing 3600mm x 2500mm box culvert at Fung Yuen Road to midstream of the existing stream course;
- A 1650mm diameter pipe will be provided in the development in Area (A) Phase I to intercept and convey the stream water at Control Point 1 to the proposed box culvert;
- Abandoned cross river facilities within the site in the development in Area (A) Phase I and abandoned cross river facility connecting to the Development near Control Point 4a will be removed;
- Subject to detailed design at the next General Building Plan submission stage, boundary channels with covers and associated pipes will be provided to intercept runoff from nearby villages to the existing stream course and/or the proposed box culvert as shown in **Appendix B2**. Construction of permanent boundary drainage channels in the development in Area (A) Phase I should be completed in construction stage - Stage 1 before commencement of development works in the Development Site.
- Flap valve will be provided at the downstream of Pipes 3.1.3, 3.2.2, 3.3.1 in the development in Area (A) Phase I and Pipe B1 in the development in Area (B); and
- Floodwalls surrounding the proposed social welfare complex in Area (B) with a crest of 7.5mPD will be provided.

5.1.2 In order to prevent flooding in the upstream and mid-stream section of the existing stream course under extreme flood events, most of the flow from the existing 3.6m x 2.5m box culvert will be intercept by the proposed box culvert under extreme condition. In view of that the proposed box culvert will be interfaced with the existing stream course, the existing stream course will be disconnected locally at the location of interface (i.e. immediate downstream of Control point 2) so that the existing stream course will be

divided into an upper section and a lower section. Under the proposed condition, the upper section of the existing stream course will be connected to the proposed box culvert via a proposed 1650mm diameter pipe whilst the lower section of the existing stream course will serve to receive part of flow from the existing culvert, flow from the existing 1800 drain and runoff from the Site so that the stream habitat can be maintained but the flooding condition at the Site can be improved.

5.1.3 Based on the model results, the water levels at the upstream and mid-stream section of the existing stream course are significantly reduced under 1 in 10 years, 1 in 50 years and 1 in 200 years flood event compared with the existing condition. For the upstream section of the existing stream course (i.e. Control points 1 and 2), the water levels are reduced up to 2.6m, 1.5m and 1.4m under 1 in 10 years, 1 in 50 years and 1 in 200 years flood event compared with the existing condition. A significant drop of in water levels (up to -1.5m) is also anticipated at the mid-stream section of the existing stream course (i.e. Control points 3a, 3b and 3c) under 1 in 200 years flood event. With the provision of the proposed box culvert, the drainage condition at upstream and mid-stream of the stream course are greatly improved.

5.1.4 In view of that the removal of existing abandoned cross river facilities and provision of a proper drainage system i.e. the proposed box culvert, which collects stormwater including flooded water and part of stream course water under existing drainage condition back to the downstream section of the existing stream course at Control point 4a, under the proposed condition, there will be a slight decrease in the water levels at Control point 4a under 1 in 200 years storm event compared with the existing condition.

5.1.5 At the downstream section of the existing stream course (Control Points 5a, 5b and 6) which located at a village zone, the predicated water level is similar to existing condition and flooding only localised at area near to the banks of existing stream course. Since there is no major change in flooding extent under the 1 in 10 years flood event and flood wall with crest level of +7.5mPD (with 0.3m freeboard under the 200 years flood event) has been proposed at the proposed SWC to mitigate the potential flood risk, it is considered that there is no significant drainage impacts to the existing drainage system due to the proposed Development.

5.1.6 As the flood extent of the proposed condition are in generally reduced when compared to the existing condition. Besides, the result of the hydraulic model also shows that the proposed box culvert will have at least 300mm freeboard under the 200-year flood event. Thus, there will be no significant adverse impacts arising from the proposed Development upon the provision of proposed mitigation measures.

5.1.7 In view of the development in Area (A) Phase II will be implemented later than other parts of the Development, a hydraulic sensitivity analysis for only the development in Area (A) Phase I and Area (B) in place has also been carried out. Under this scenario, all proposed drainage system as mentioned in **Section 4.1** will be provided under the development in Area (A) Phase I and Area (B) except the site condition for the Area (A) Phase II will be maintained as existing condition and its runoff will be discharged to the existing stream course.

5.1.8 The hydraulic results for the sensitivity analysis for condition only the development in Area (A) Phase I and Area (B) is very similar to the results of entire Development except that the section of existing stream course falling within the site of the development in Area (A) Phase II will marginally have a 300mm freeboard under the 200 years storm event upon the runoff from the development in Area (A) Phase I has been discharged to

the proposed box culvert due the low ground levels in this local area. In view that the flood extent of the proposed condition under sensitivity analysis are in generally reduced when compared to the existing condition. Besides, the result of the hydraulic model also shows that the proposed box culvert will have at least 300mm freeboard under the 200-year flood event. Thus, there will also be no significant adverse impacts arising from the proposed Development under condition of only Area (A) Phase I and Area (B) in place upon the provision of proposed mitigation measures

5.1.9 In light of that part of the existing stream course falling within the development in Area (A) Phase I and Area (A) Phase II, the owners of the development in Area (A) Phase I and Phase II will be responsible for the maintenance of that part of the existing stream course on government land and private lands within the development site while HAD will be the maintenance party for the existing stream course located on unleased and unallocated government land. For other existing and proposed drainage features within the development in Area (A) Phase I , the owners of the development in Area (A) Phase I will be responsible for the maintenance of those proposed drainage features including proposed box culvert, 1650mm diameter pipe and 1050mm diameter on both government land and private lands.

5.2 Conceptual Interim Drainage Arrangement for Construction Phases

5.2.1 To minimise flood risk in association with the construction phase of the proposed Development, conceptual interim drainage arrangement for construction stage including site formation stage and phasing of works for the proposed Development has been proposed. The conceptual interim drainage arrangement, including but not limit to phasing of works and time of works, is tentative and subject to further update, if necessary, based on the future detailed design and Contractor actual construction arrangement for the final development layout.

5.2.2 The construction of the proposed Development will take a few years, to maintain the flow path of nearby areas mainly for villages and agriculture use near the Site, surface drainage channels as per permanent boundary channels for the development in Area (A) Phase I and interim drainage with discharge capacity for 10 years rainfall for the developments in Area (A) Phase II and Area (B) will be constructed at the beginning of construction stage and will be provided throughout the construction stage. The site runoff will be properly collected and discharged into existing stream course via local temporary site drainage with desilting facilities. Also, the construction activities that will affect / in close vicinity of the existing stream course are all carefully scheduled and will be constructed in dry seasons. Thus, it is considered that there will be no insurmountable drainage impacts during construction stage and the flow path of neighbouring areas can be maintained.

6 Appendices

Appendix A Location Plan and Layout Plan

Appendix B1 Existing Drainage System

Appendix B2 Proposed Drainage System

Appendix C1 Existing Catchment Plan

Appendix C2 Proposed Catchment Plan

Appendix D Photograph of the Site and Survey Information

Appendix D1 Sectional Views for 5 River Crossing Structures included in Hydraulic Model

Appendix E Location Plan for Model Results Control Points

Appendix F Model Extent

Appendix G Flood Map

Appendix H InfoWorks ICM Hydraulic Model

Appendix I Drainage Features Near the Development Site

Appendix J Calculation for Boundary drains

Appendix K Sectional Views of Proposed Mitigation Measures

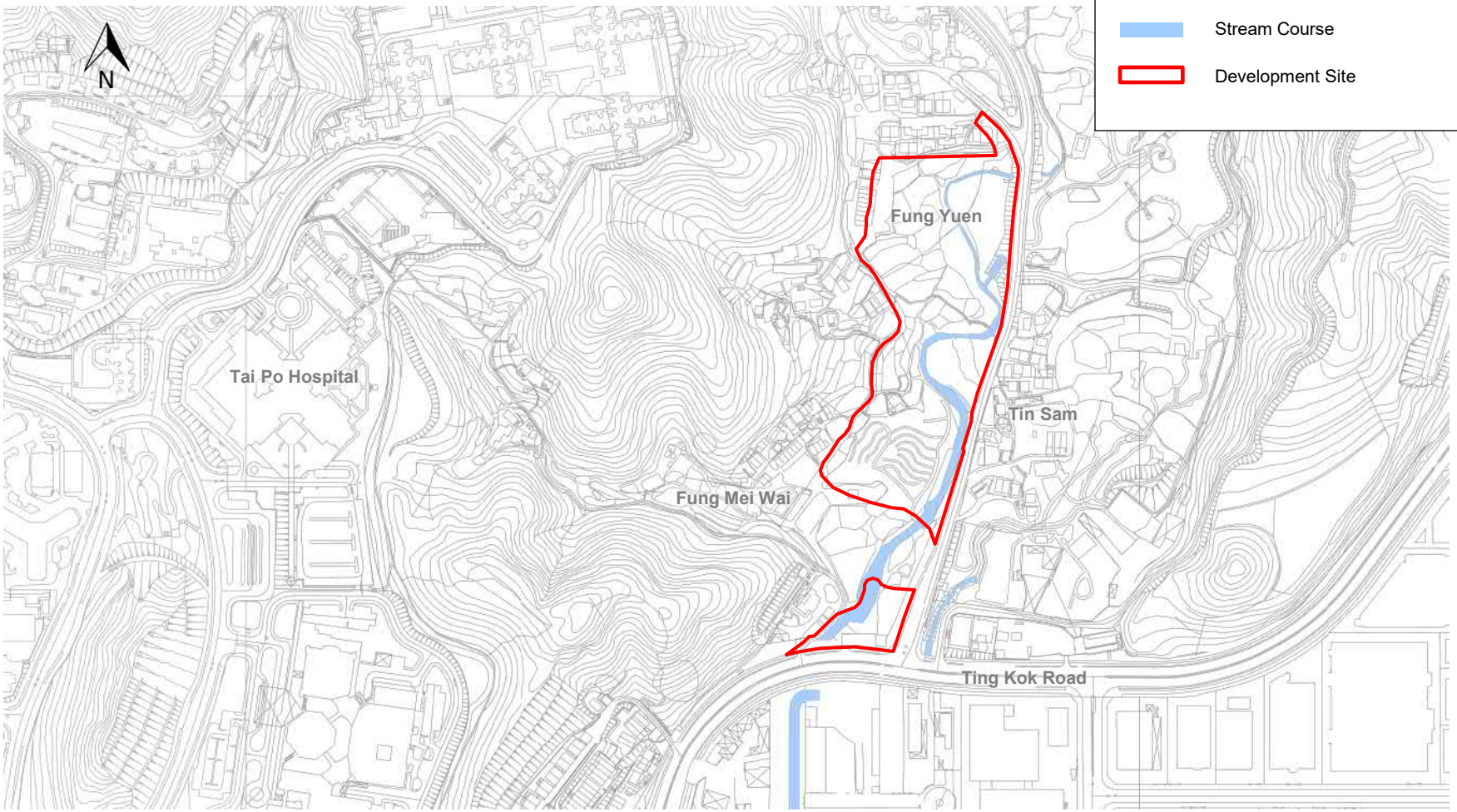
Appendix L Hydraulic Profile of the Proposed Box Culvert at 200-year Flood Event

Appendix L1 Hydraulic Calculation for Area (B) Proposed Drainage System

Appendix M Conceptual Interim Drainage Arrangement for Construction Phases

Appendix A

Location Plan and Layout Plan



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Location Plan**

Date	Scale	File
Sep 2025	N.T.S.	

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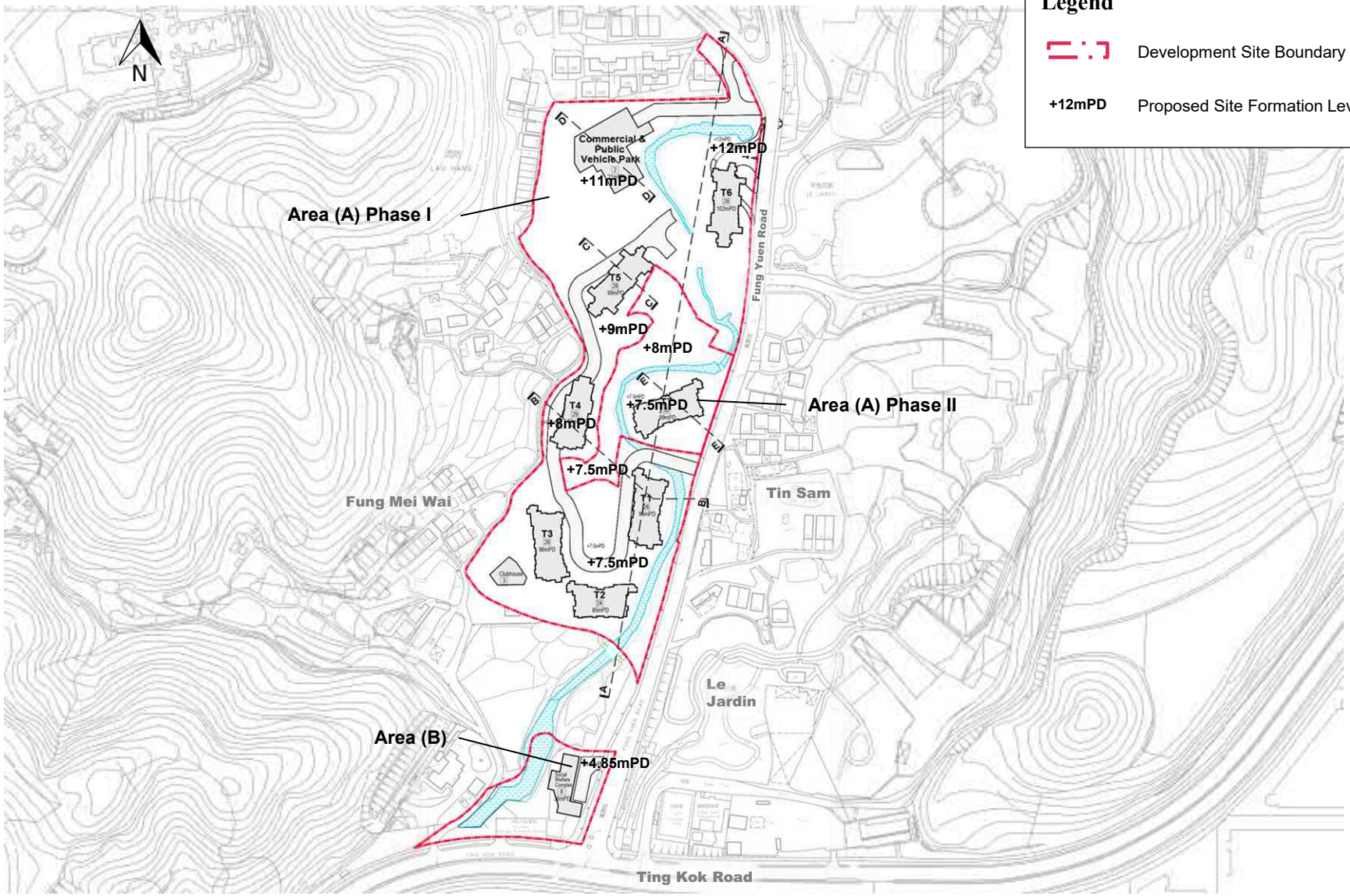
Appendix A1



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Layout Plan**

Date	Scale	File
Sep 2025	N.T.S.	

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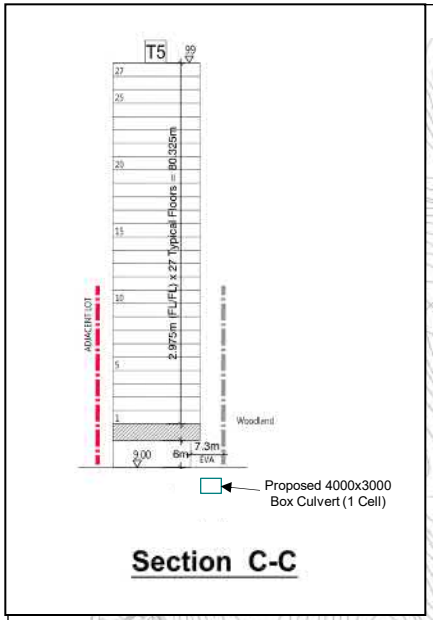
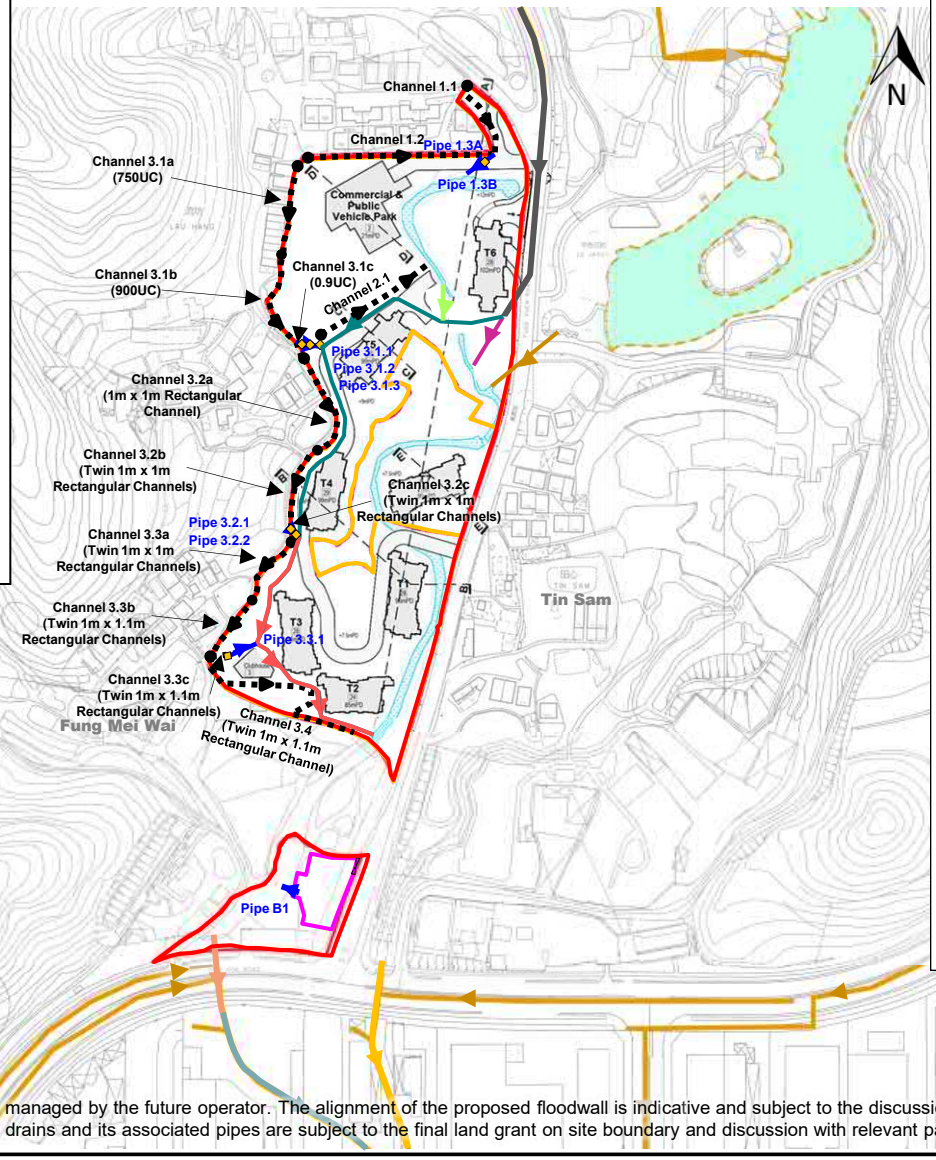
Appendix A2



Section C-C



Legend

- Stream Course
- Storm Storage Pond
- Development Site Boundary
- Development Phase Boundary
- Existing Drainage System (225-1800mm Pipe)
- Existing 3800x2100 Box Culverts (3 Cells)
- Existing 4000x2700 Box Culverts (3 Cells)
- Existing 4000x2700 Box Culvert (1 Cell) (Near Ting Kok Road)
- Existing 3600x2500 Culvert (1 Cell)
- Proposed 4000x3000 Box Culvert (1 Cell)
- Proposed 4000x3500 Box Culvert (1 Cell)
- Proposed 1650mm Pipe
- Proposed 1050mm Pipe
- Proposed floodwall of the social welfare complex
- Proposed Boundary Drains with cover
- Proposed Backdrop Manhole

Remarks:
* The proposed Social Welfare Complex will be managed by the future operator. The alignment of the proposed floodwall is indicative and subject to the discussion with relevant parties at detailed design stage.
* The final alignment of the proposed boundary drains and its associated pipes are subject to the final land grant on site boundary and discussion with relevant parties at detailed design stage.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Proposed Drainage System**

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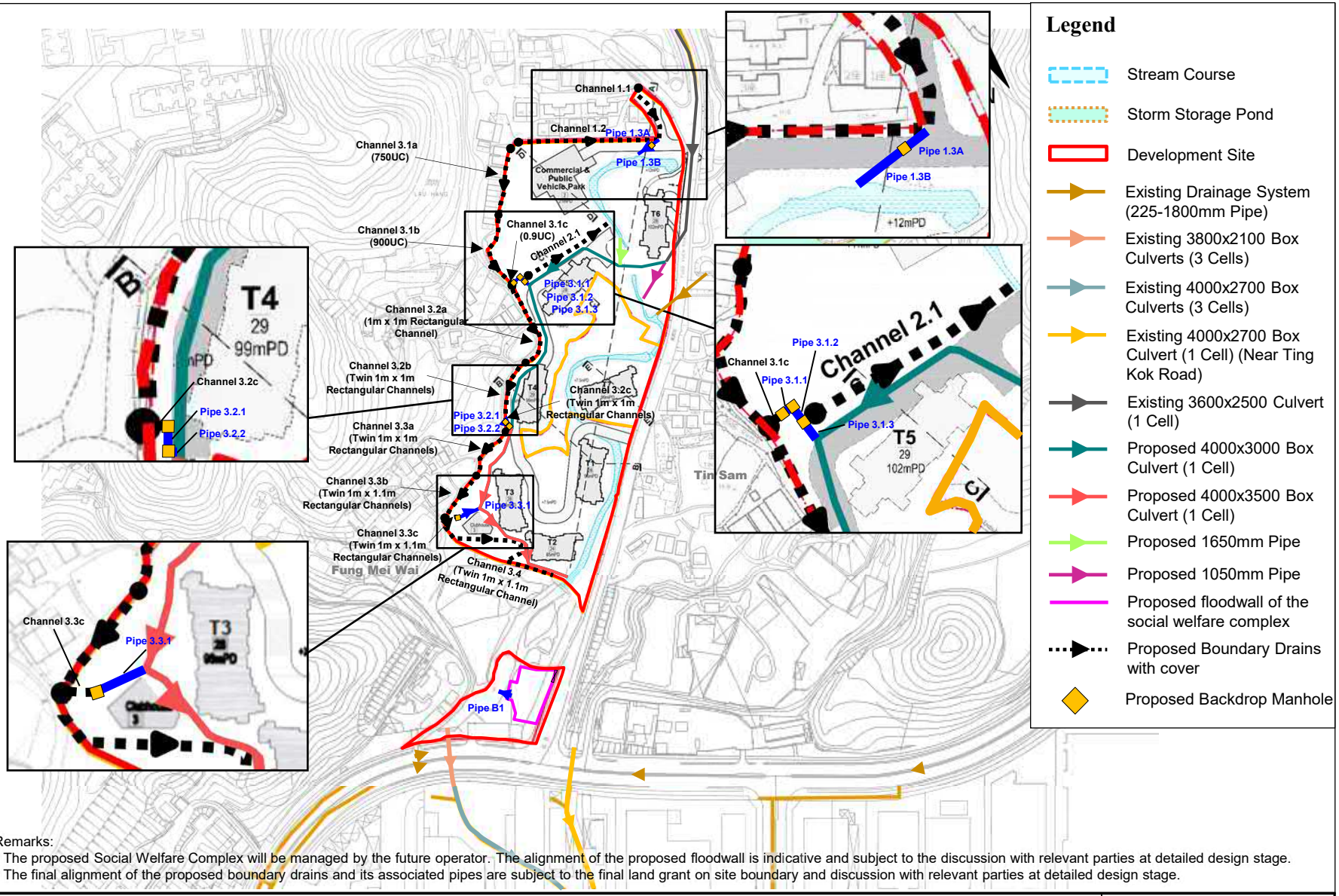
Appendix A3

Date	Scale	File
Sep 2025	N.T.S.	



Legend

- Stream Course
- Storm Storage Pond
- Development Site
- Existing Drainage System (225-1800mm Pipe)
- Existing 3800x2100 Box Culverts (3 Cells)
- Existing 4000x2700 Box Culverts (3 Cells)
- Existing 4000x2700 Box Culvert (1 Cell) (Near Ting Kok Road)
- Existing 3600x2500 Culvert (1 Cell)
- Proposed 4000x3000 Box Culvert (1 Cell)
- Proposed 4000x3500 Box Culvert (1 Cell)
- Proposed 1650mm Pipe
- Proposed 1050mm Pipe
- Proposed floodwall of the social welfare complex
- Proposed Boundary Drains with cover
- Proposed Backdrop Manhole

Remarks:
* The proposed Social Welfare Complex will be managed by the future operator. The alignment of the proposed floodwall is indicative and subject to the discussion with relevant parties at detailed design stage.
* The final alignment of the proposed boundary drains and its associated pipes are subject to the final land grant on site boundary and discussion with relevant parties at detailed design stage.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Proposed Drainage System**

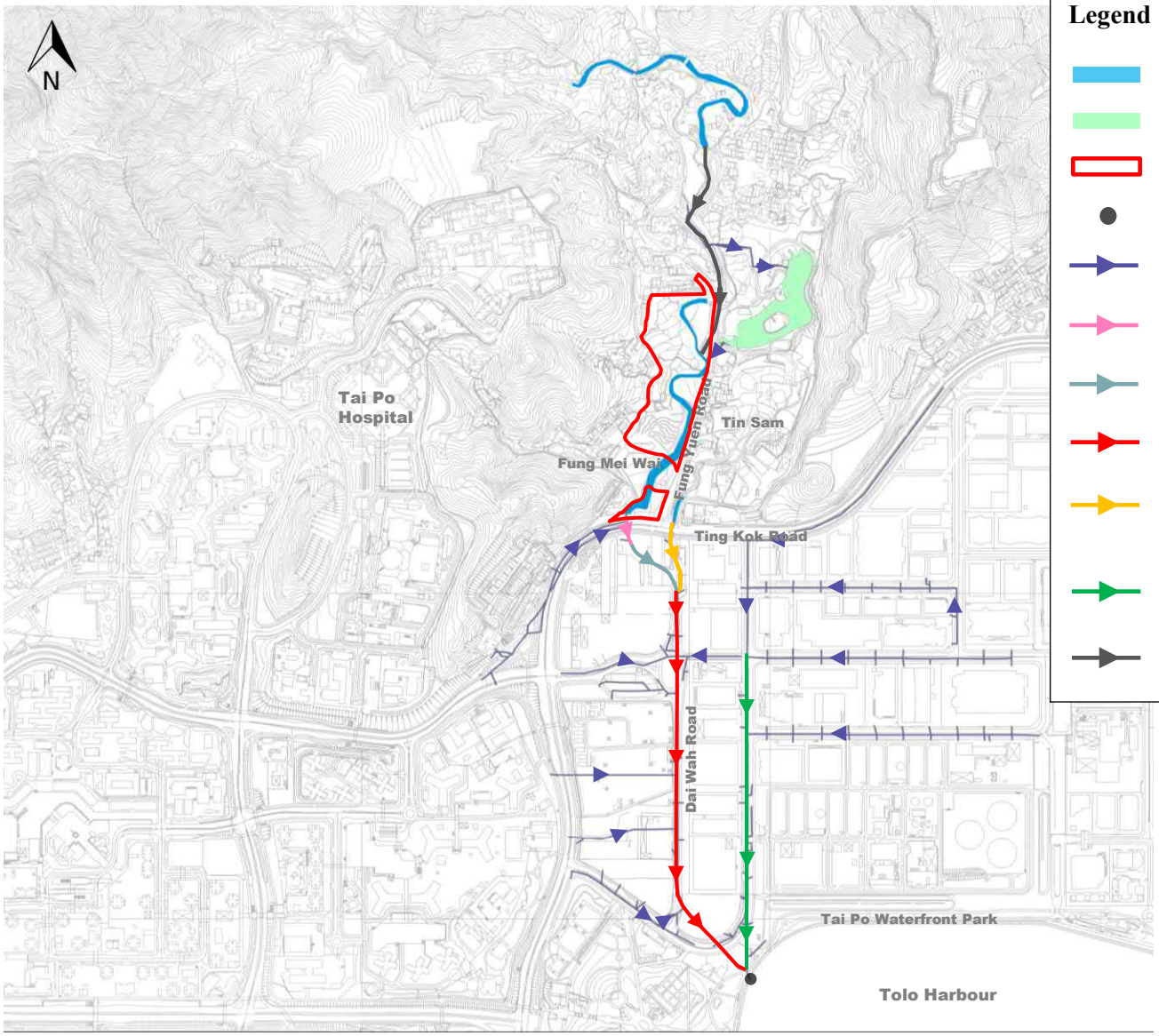
MOTT MACDONALD

Appendix A3

Date	Scale	File
Sep 2025	N.T.S.	

Appendix B1

Existing Drainage System



Legend

- Stream Course
- Storm Storage Pond
- Development Site
- Outfall
- Existing Drainage System (225-1800mm Pipe)
- Existing 3800x2100 Box Culverts (3 Cells)
- Existing 4000x2700 Box Culverts (3 Cells)
- Existing 4000x2700 Box Culverts (4 Cells) (To Outfall)
- Existing 4000x2700 Box Culvert (1 Cell) (Near Ting Kok Road)
- Existing 4000x2700 Box Culvert (1 Cell) (To Outfall)
- Existing 3600x2500 Box Culvert (1 Cell)

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Existing Drainage System**

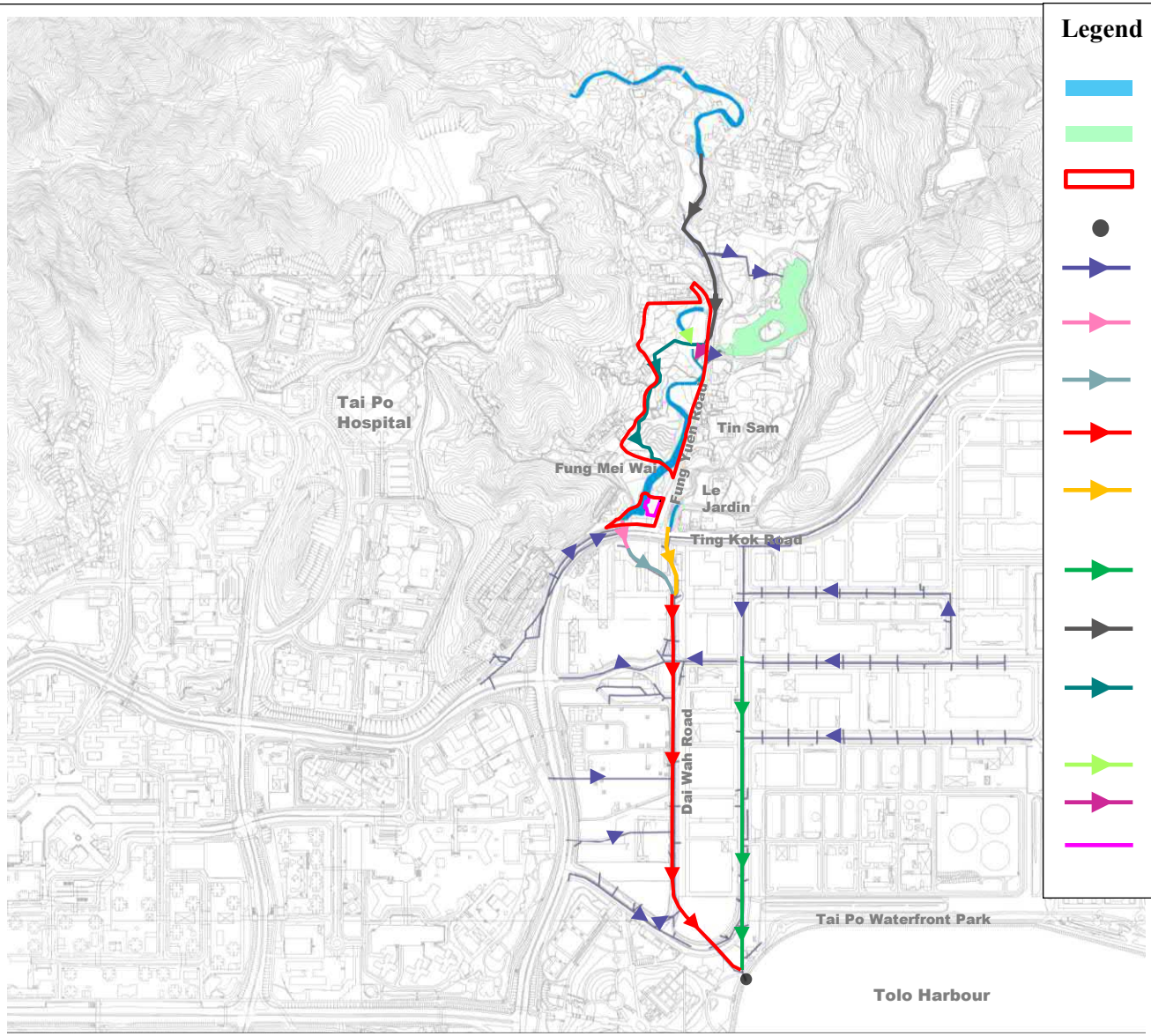
MOTT MACDONALD

Appendix B1

Date	Scale	File
Sep 2025	N.T.S.	

Appendix B2

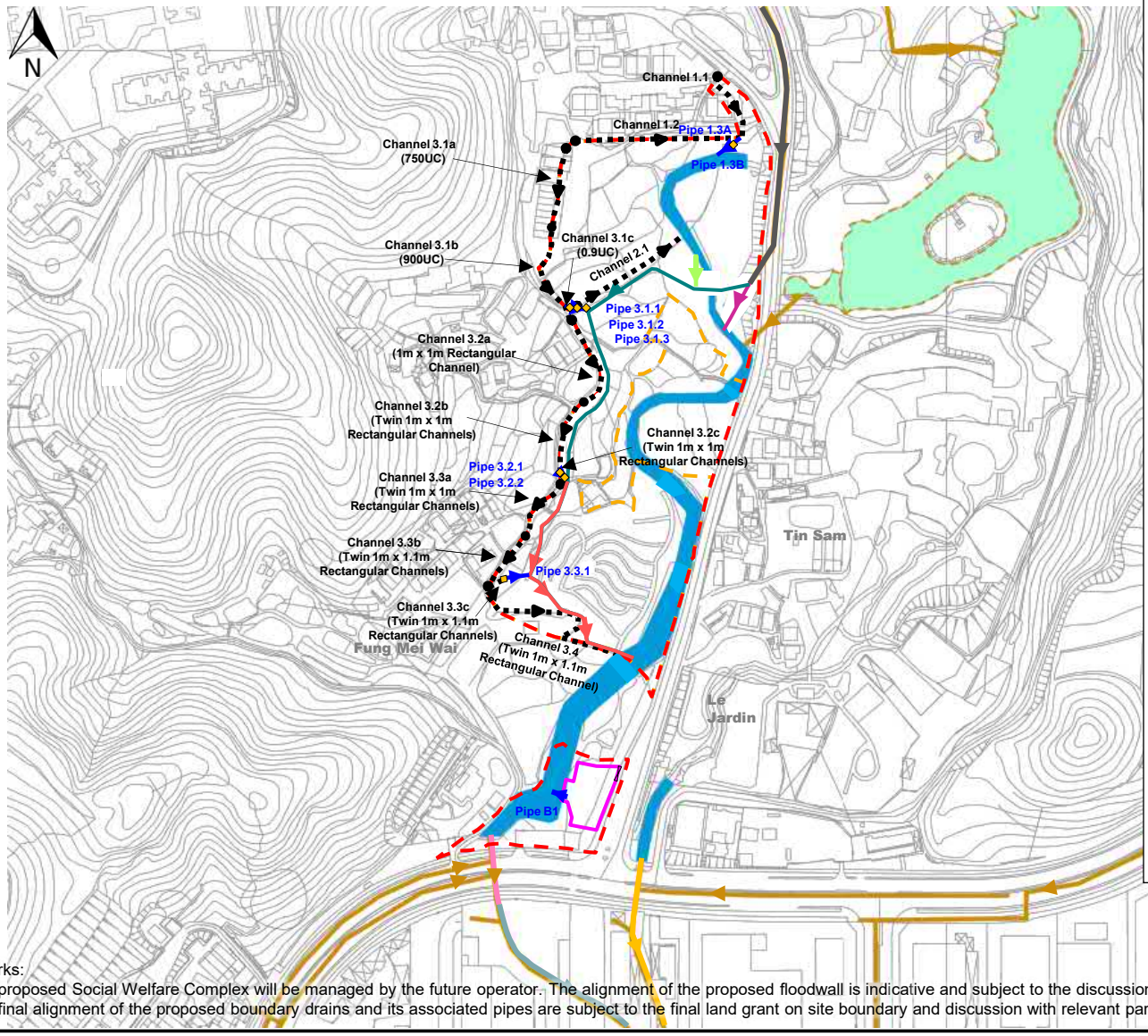
Proposed Drainage System



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Proposed Drainage System**
Date Sep 2025	**Scale** N.T.S. **File**

MOTT MACDONALD

Appendix B2



Legend

- Stream Course
- Storm Storage Pond
- Development Site Boundary
- Development Phase Boundary
- Existing Drainage System (225-1800mm Pipe)
- Existing 3800x2100 Box Culverts (3 Cells)
- Existing 4000x2700 Box Culverts (3 Cells)
- Existing 4000x2700 Box Culvert (1 Cell) (Near Ting Kok Road)
- Existing 3600x2500 Culvert (1 Cell)
- Proposed 4000x3000 Box Culvert (1 Cell)
- Proposed 4000x3500 Box Culvert (1 Cell)
- Proposed 1650mm Pipe
- Proposed 1050mm Pipe
- Proposed floodwall of the social welfare complex
- Proposed Boundary Drains with cover
- Proposed Backdrop Manhole

Remarks:
* The proposed Social Welfare Complex will be managed by the future operator. The alignment of the proposed floodwall is indicative and subject to the discussion with relevant parties at detailed design stage.
* The final alignment of the proposed boundary drains and its associated pipes are subject to the final land grant on site boundary and discussion with relevant parties at detailed design stage.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Proposed Drainage System**

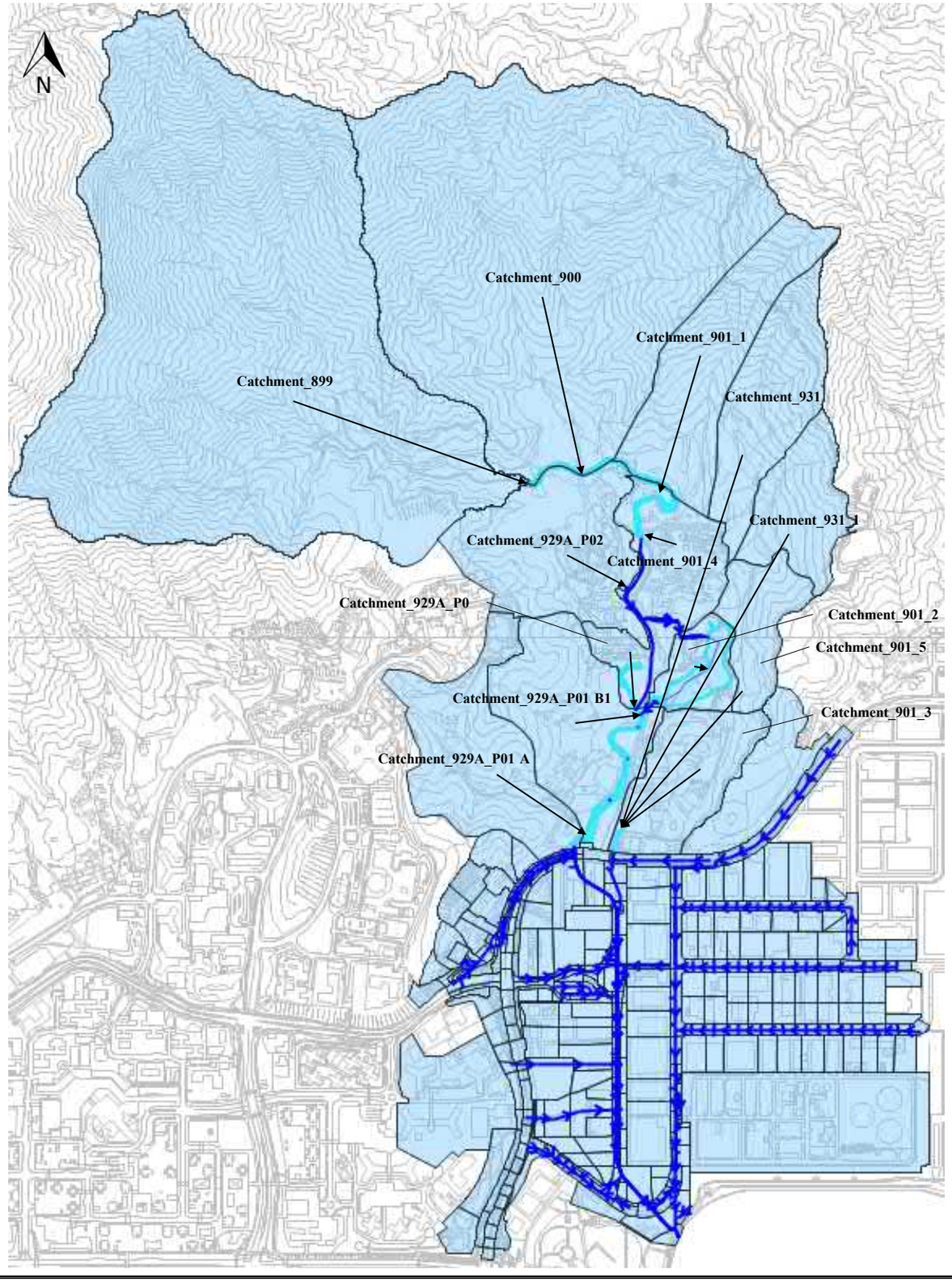
MOTT MACDONALD

Appendix B2

Date	Scale	File
Sep 2025	N.T.S.	

Appendix C1

Existing Catchment Plan



Legend

- Existing watercourses
- Existing Box Culverts/ Pipes
- Sub-catchments
- Catchment Distribution

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Existing Catchment Plan**

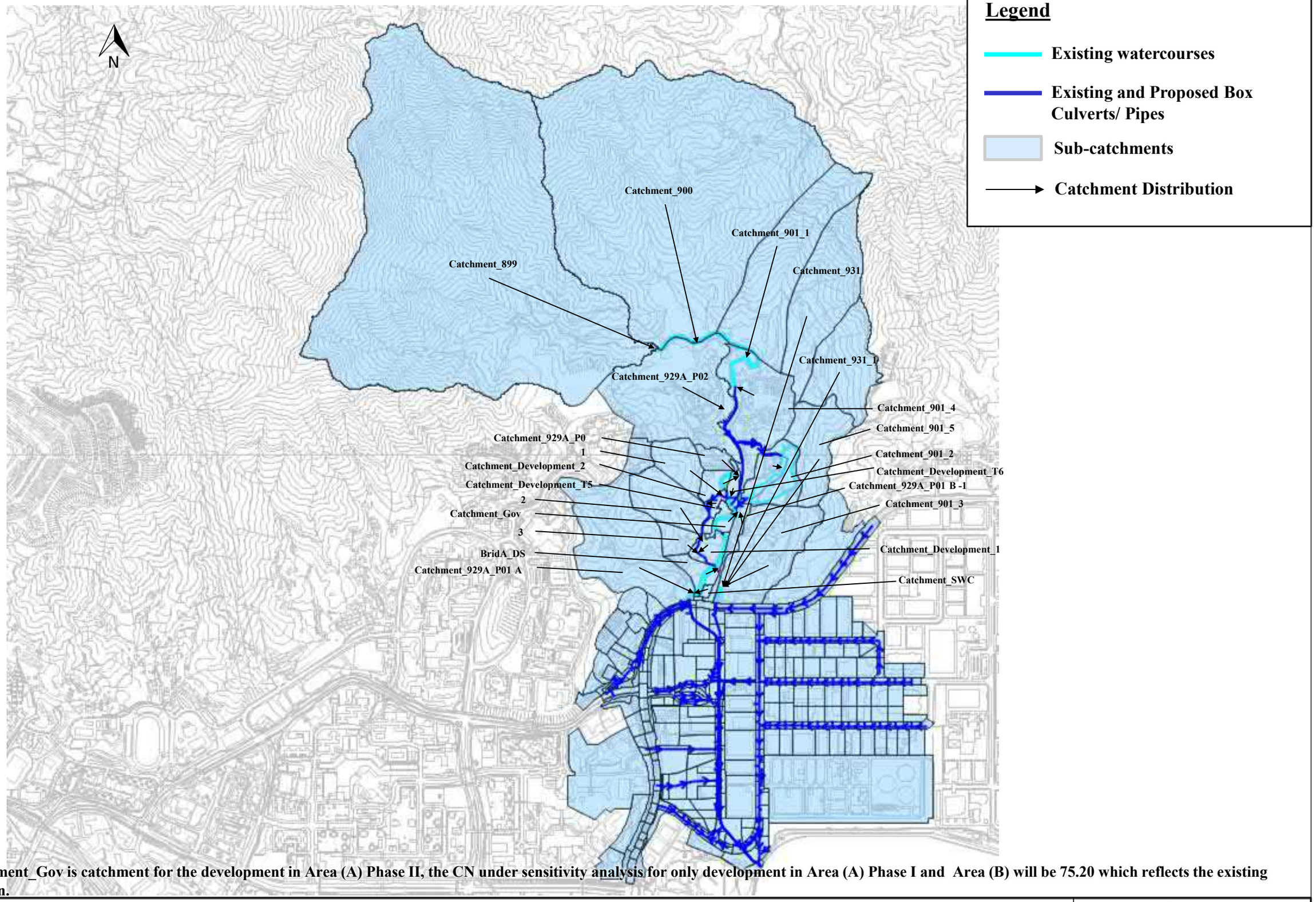
Date Sep 2025	**Scale** N.T.S.	**File**

MOTT MACDONALD

Appendix C1

Appendix C2

Proposed Catchment Plan

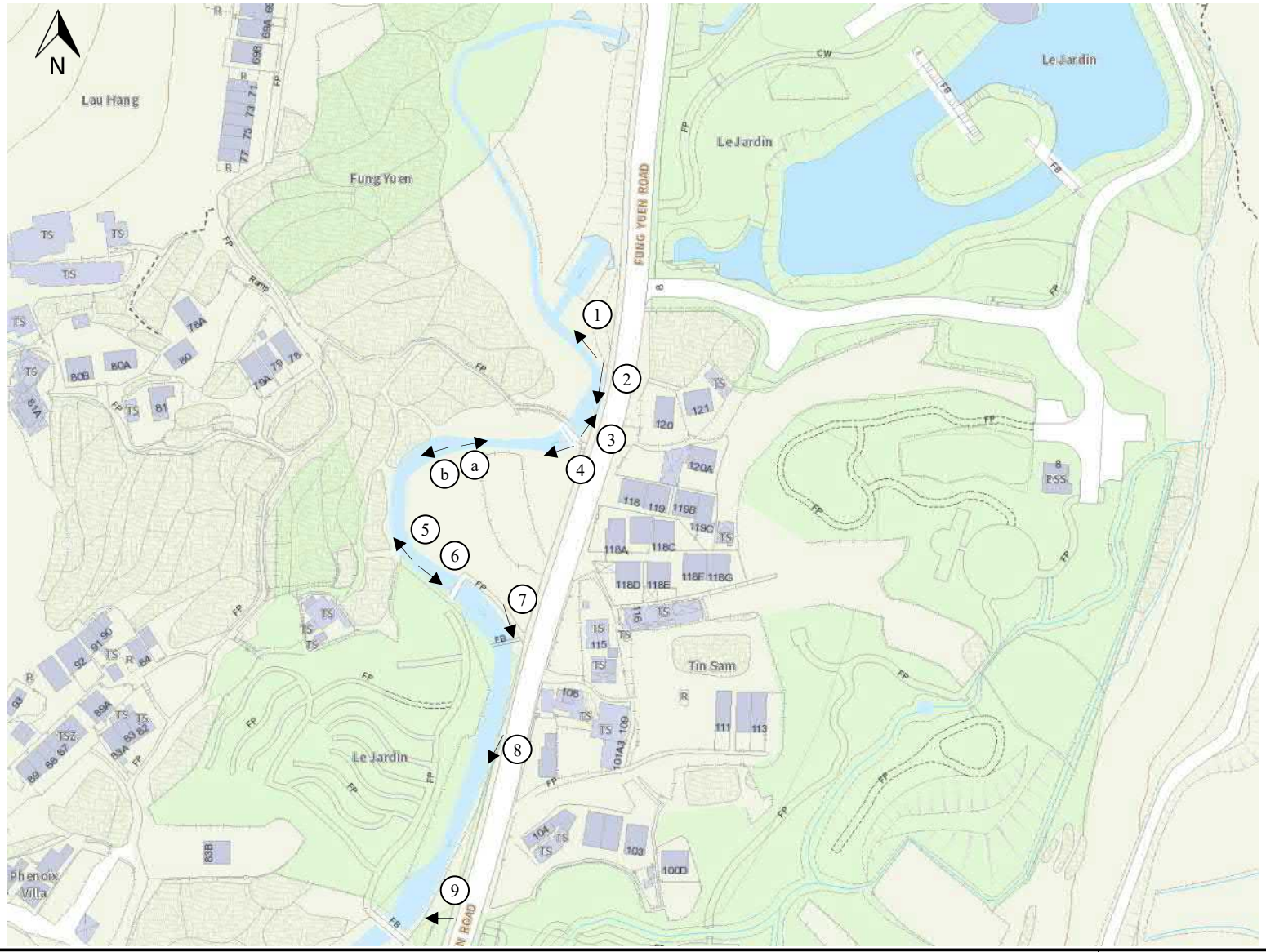


*** Catchment_Gov is catchment for the development in Area (A) Phase II, the CN under sensitivity analysis for only development in Area (A) Phase I and Area (B) will be 75.20 which reflects the existing condition.**

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Proposed Catchment Plan**	**Appendix C2**
Date Sep 2025	**Scale** N.T.S.	**File**

Appendix D

Photograph of the Site and Survey Information



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Location Plan for Site Photographs**

Date	Scale	File
Sep 2025	N.T.S.	

MOTT MACDONALD

Appendix D



Photo 1



Photo 2

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Site Photographs**	**Appendix D**
Date Sep 2025	**Scale** N.T.S.	**File**



Photo 3



Photo 4

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Site Photographs**

MOTT MACDONALD

Appendix D

Date	Scale	File
Sep 2025	N.T.S.	



Photo a



Photo b

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Site Photographs**	**Appendix D**
Date Sep 2025	**Scale** N.T.S.	**File**



Photo 5



Photo 6

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Site Photographs**	**Appendix D**
Date Sep 2025	**Scale** N.T.S.	**File**



Photo 7



Photo 8



Photo 9

Existing Footbridge covered with vegetation

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Site Photographs**	**Appendix D**
Date Sep 2025	**Scale** N.T.S.	**File**

Survey Cross Section ID	Model Cross Section Line ID
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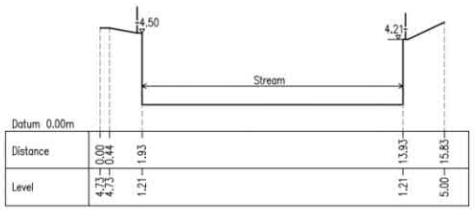
2A	FUNG_YUEN_W_CH1463
2B	FUNG_YUEN_W_CH1460
2C	FUNG_YUEN_W_CH1450
4	FUNG_YUEN_W_CH1400
6	FUNG_YUEN_W_CH1300-FUNG_YUEN_W
7	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400
8	FUNG_YUEN_W_CH1300
9	FUNG_YUEN_W_BRIDN_DS
9A	FUNG_YUEN_W_BRIDN_US
10	HF279-2-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300
11	HF279-2-FUNG_YUEN_W_CH1300
12	HF279-2
13	HF279-1
13A	FUNG_YUEN_W_CH1200
16	FUNG_YUEN_W_CH1160
17	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160
17A	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160
18	FUNG_YUEN_W_CH1130
19	FUNG_YUEN_W_CH1100
19A	FUNG_YUEN_W_CH1000-FUNG_YUEN_W_CH1100-FUNG_YUEN_W_CH1100
Section 1-1	Section 1-1
Section 2-2	Section 2-2
Section 3-3	Section 3-3
Section 4-4	Section 4-4
Section 5-5	Section 5-5
Section 6-6	Section 6-6
Section 7-7	Section 7-7
Section 8-8	Section 8-8
Section 9-9	Section 9-9

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Survey Cross Sections**
Date Sep 2025	**Scale** N.T.S. **File**

MOTT MACDONALD

Appendix D

Section 0



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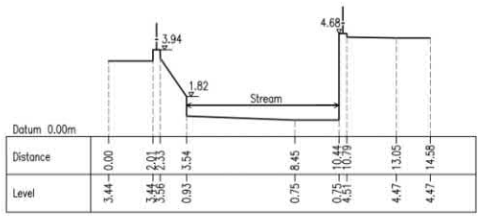
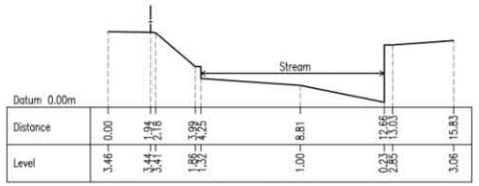
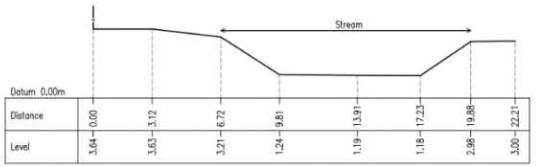


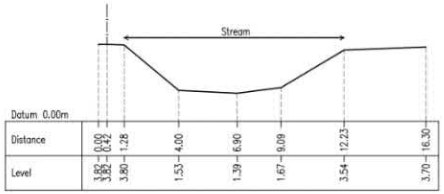
Section 2B



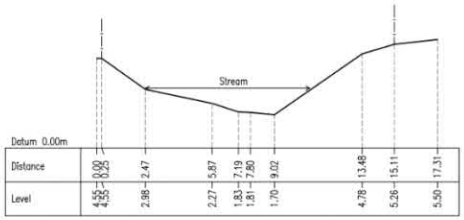
Section 2C



Section 4

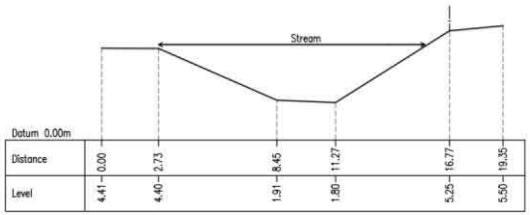


Section 6



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Survey Cross Sections**	**Appendix D**
Date Sep 2025	**Scale** N.T.S.	**File**

Section 7



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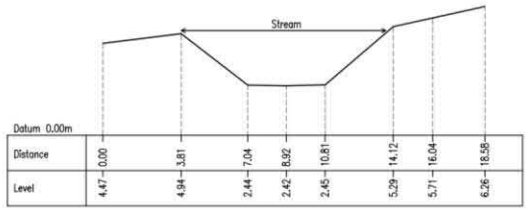
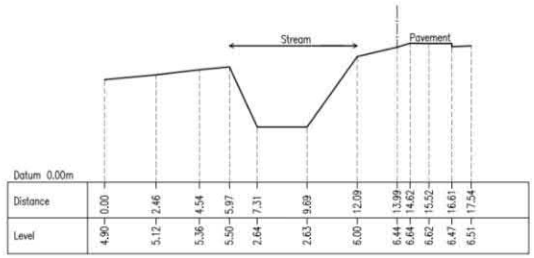


Section 9



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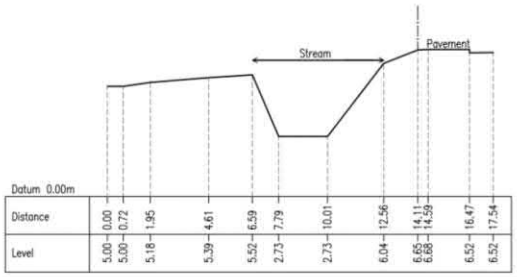

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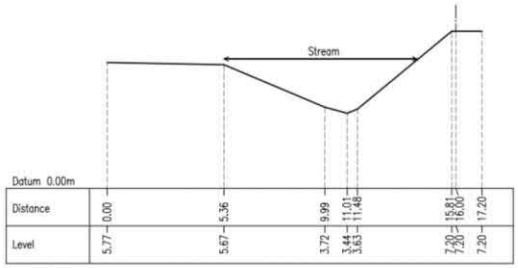

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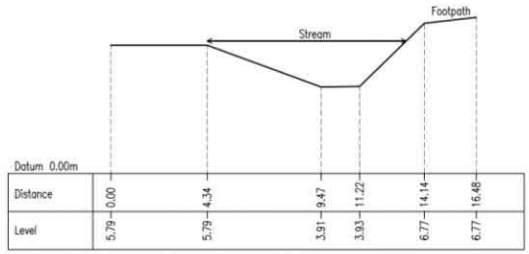
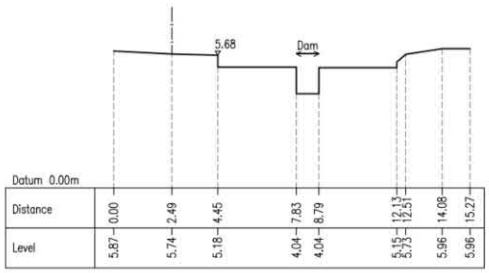
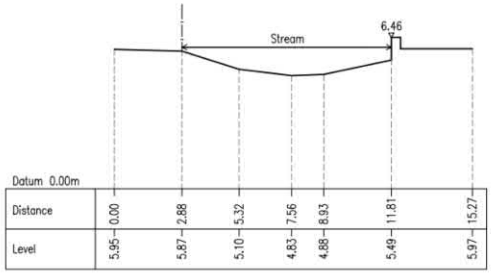


Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Survey Cross Sections**	**Appendix D**
Date Sep 2025	**Scale** N.T.S.	**File**

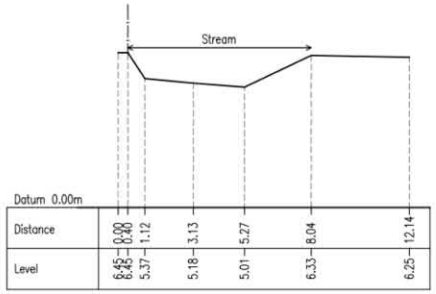
Section 12



Section 13



Section 13A



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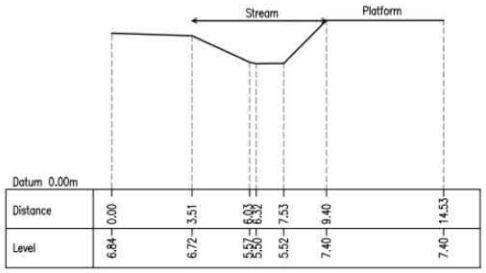
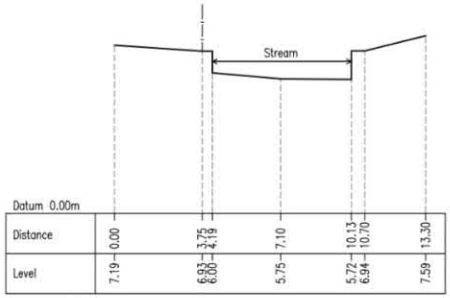
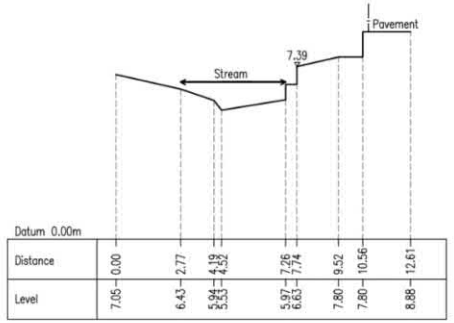


Section 17

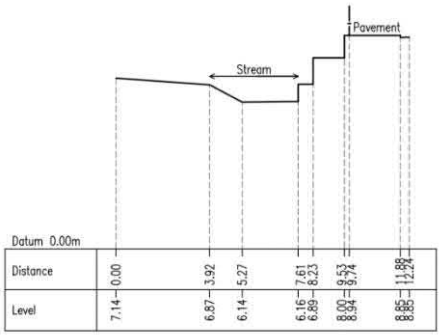


Section 17A

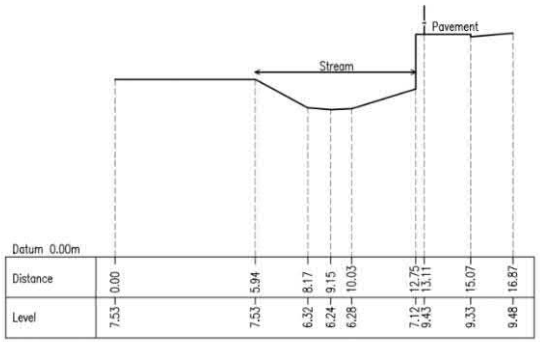


Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Survey Cross Sections**	**Appendix D**
Date Sep 2025	**Scale** N.T.S.	**File**

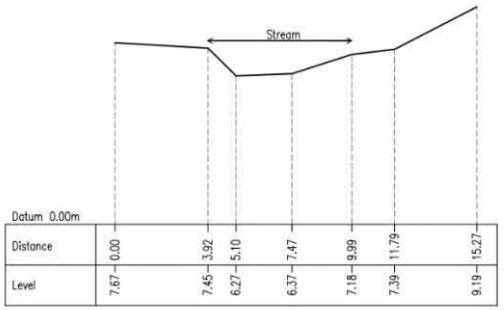
Section 18

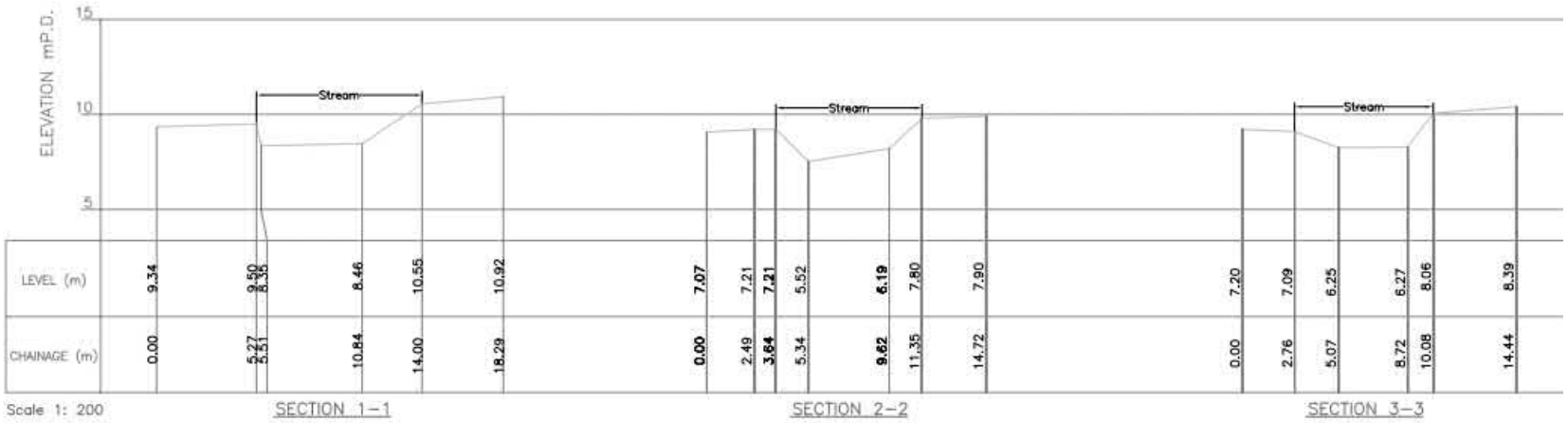


Section 19



Section 19A



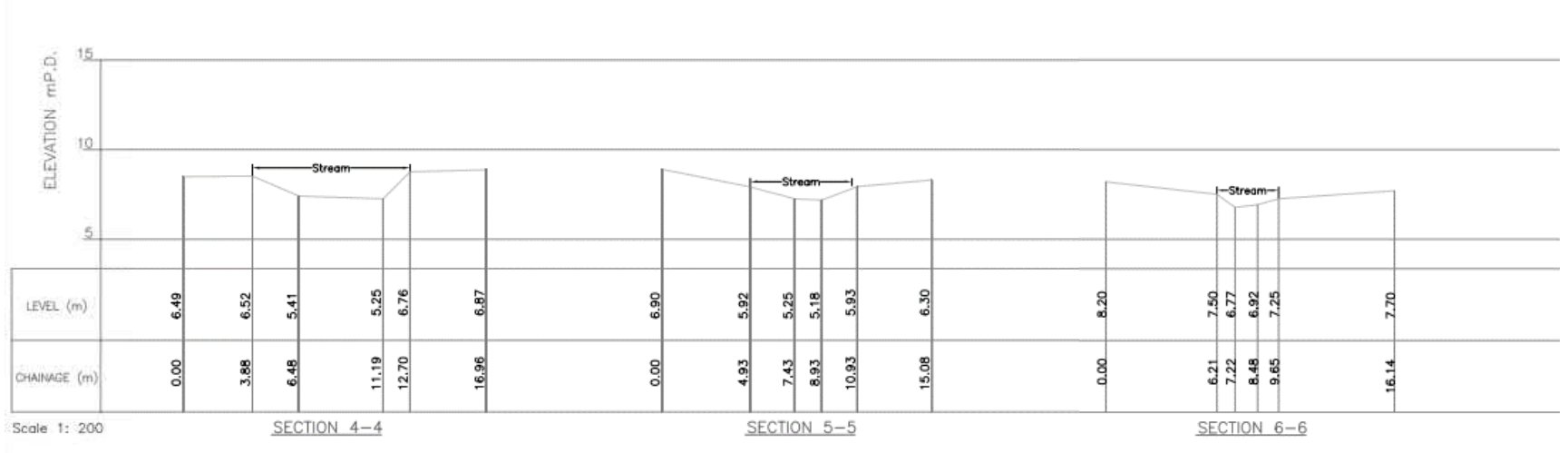


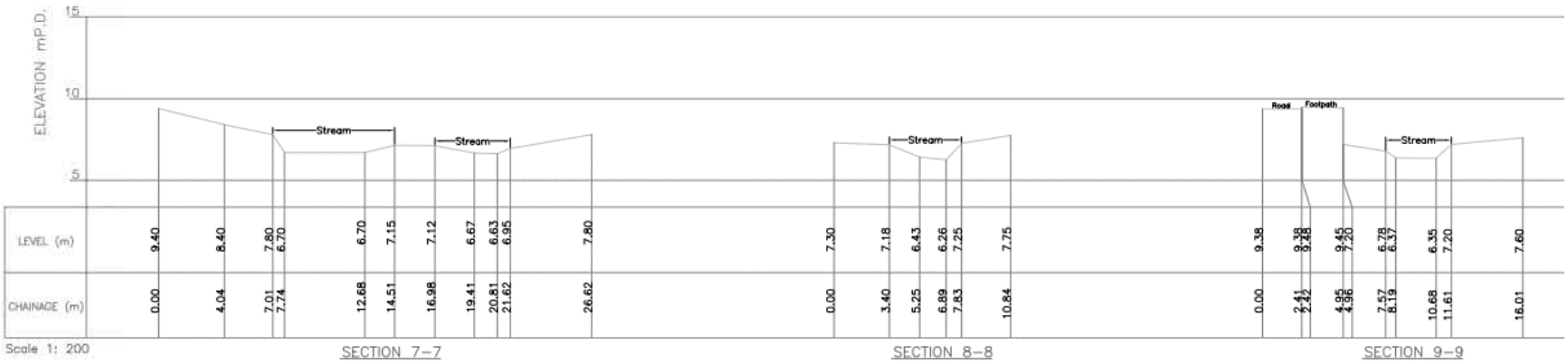
Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Survey Cross Sections**

MOTT MACDONALD

Appendix D

Date	Scale	File
Sep 2025	N.T.S.	





Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Survey Cross Sections**

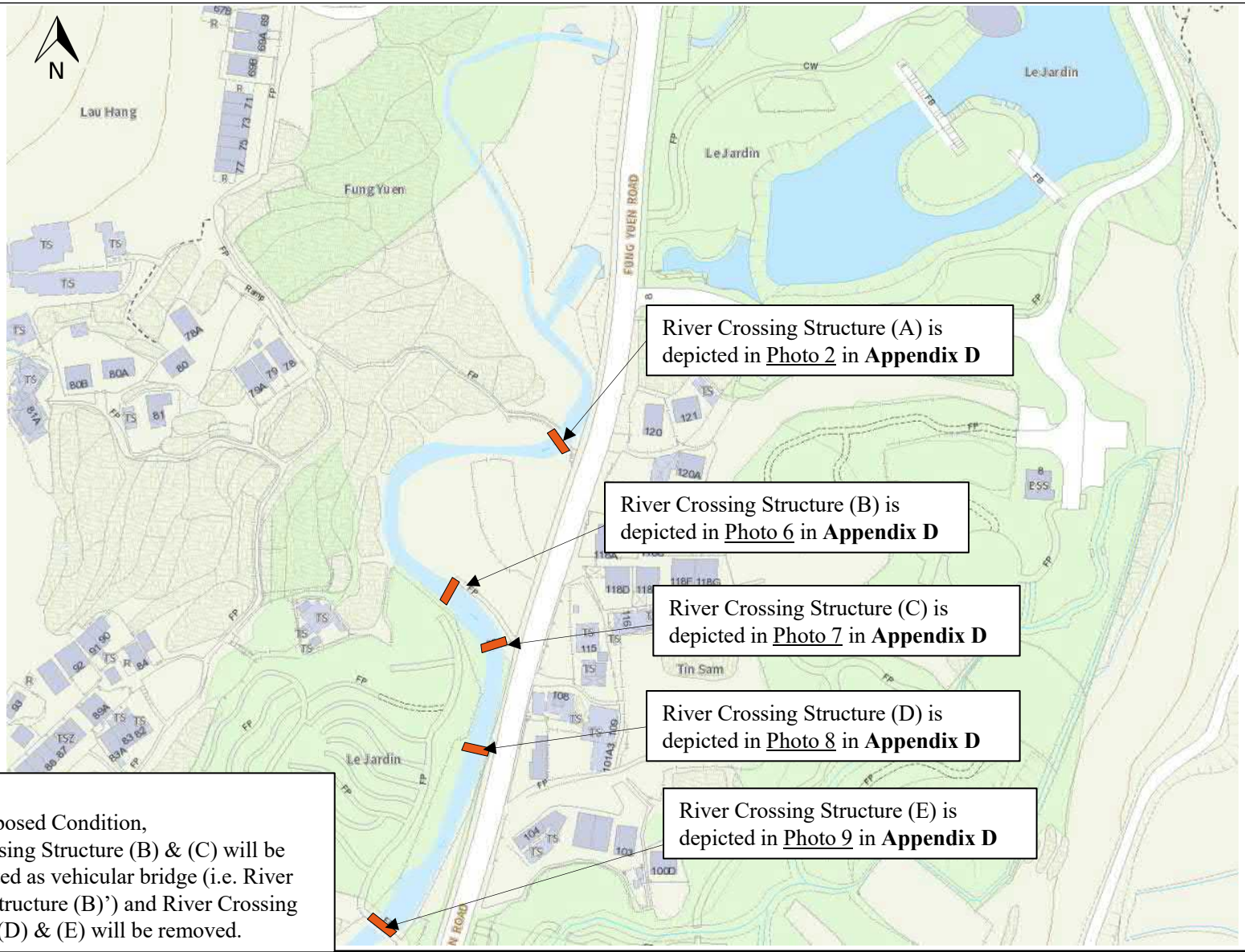
Date	Scale	File
Sep 2025	N.T.S.	

MOTT MACDONALD

Appendix D

Appendix D1

Sectional Views for 5 River Crossing Structures included in Hydraulic Model



Remark:
Under Proposed Condition,
River Crossing Structure (B) & (C) will be reconstructed as vehicular bridge (i.e. River Crossing Structure (B)') and River Crossing Structures (D) & (E) will be removed.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Location Plan for 5 River Crossing Structures included in Hydraulic Model**

MOTT MACDONALD

Appendix D1

Date	Scale	File
Sep 2025	N.T.S.	

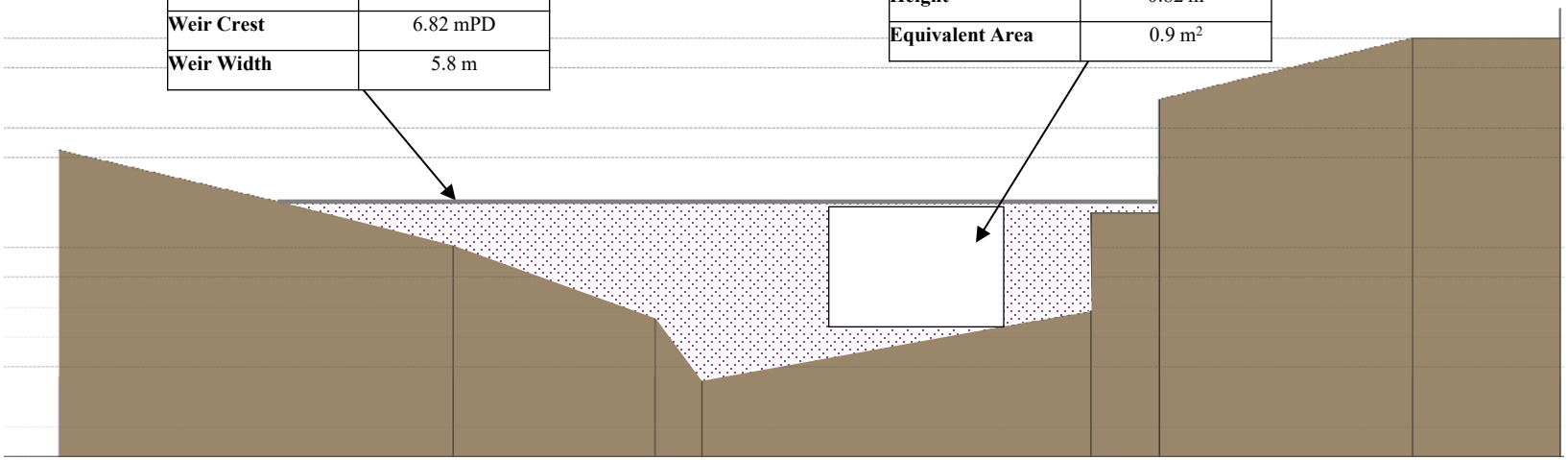


Site Photo

River Structure (A)

Object ID	BridD_US.1
Model Component	Weir Object
Weir Crest	6.82 mPD
Weir Width	5.8 m

Object ID	BridD_US.2
Model Component	Conduit Object
Width	1.05 m
Height	0.82 m
Equivalent Area	0.9 m^2



Remark:

- The sectional view is extracted from Model Cross Section Line ID - FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160 which corresponds to Survey Section 17A.
- Left riverbank is to eastern direction, right riverbank is to western direction.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Sectional Views for 5 River Crossing Structures included in Hydraulic Model**	**Appendix D1**
Date Sep 2025	**Scale** N.T.S.	**File**

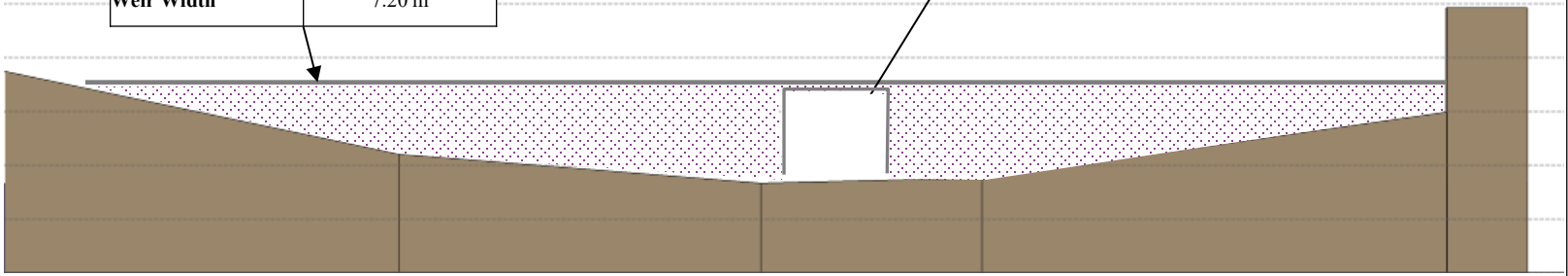


Site Photo

River Structure (B)

Object ID	HF279-1.1
Model Component	Conduit Object
Width	0.860 m
Height	0.840 m
Equivalent Area	0.7 m^2

Object ID	HF279-1.2
Model Component	Weir Object
Weir Crest	5.36 mPD
Weir Width	7.20 m



Remark:

- The sectional view is extracted from Model Cross Section Line ID - HF279-1 which corresponds to Survey Section 13.
- Left riverbank is to eastern direction, right riverbank is to western direction.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Sectional Views for 5 River Crossing Structures included in Hydraulic Model**	**Appendix D1**
Date Sep 2025	**Scale** N.T.S.	**File**

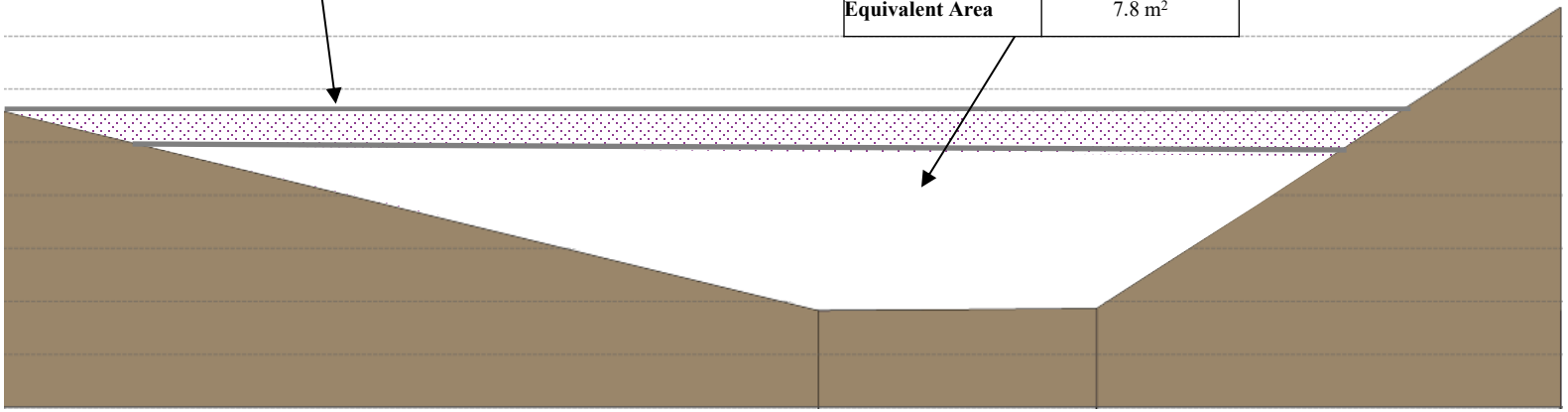


Site Photo

River Structure (C)

Object ID	BridB_US.1
Model Component	Weir Object
Weir Crest	5.64 mPD
Weir Width	7.42 m

Object ID	BridB_US.2
Model Component	Conduit Object
Width	3.92 m
Height	2.00 m
Equivalent Area	7.8 m^2



Remark:

- The sectional view is extracted from Model Cross Section Line ID - HF279-2-FUNG_YUEN_W_CH1300 which corresponds to Survey Section 11.
- Left riverbank is to eastern direction, right riverbank is to western direction.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Sectional Views for 5 River Crossing Structures included in Hydraulic Model**	**Appendix D1**
Date Sep 2025	**Scale** N.T.S.	**File**

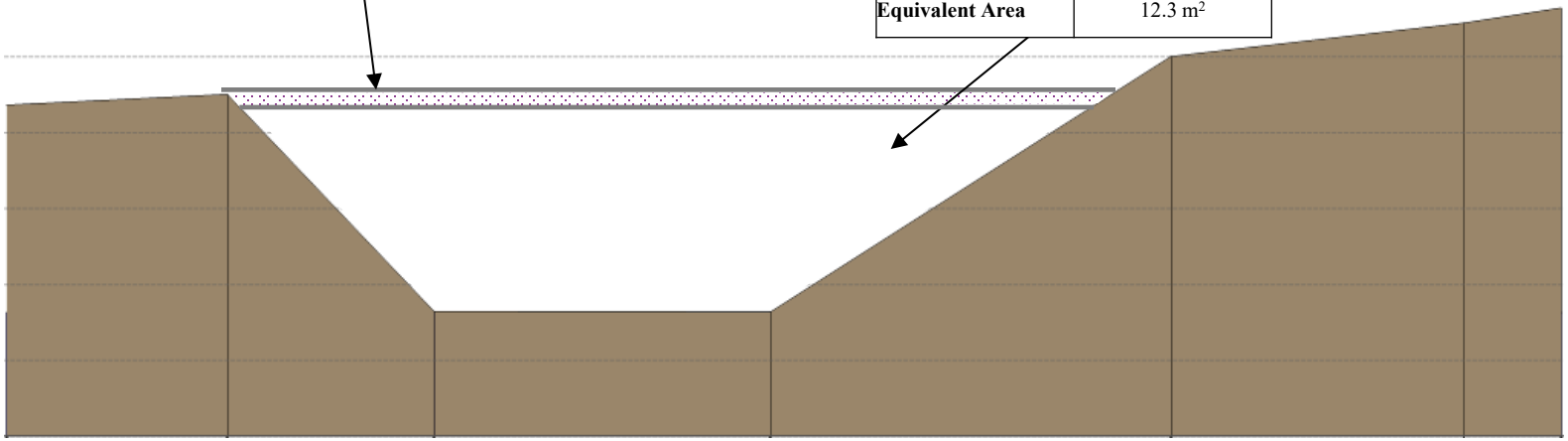


Site Photo

River Structure (D)

Object ID	BridN_US.1
Model Component	Weir Object
Weir Crest	5.74 mPD
Weir Width	5.70 m

Object ID	BridN_US.2
Model Component	Conduit Object
Width	4.10 m
Height	3.00 m
Equivalent Area	12.3 m^2



Remark:

- The sectional view is extracted from Model Cross Section Line ID - FUNG_YUEN_W_BRIDN_DS which corresponds to Survey Section 9.
- Left riverbank is to eastern direction, right riverbank is to western direction.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Sectional Views for 5 River Crossing Structures included in Hydraulic Model**	**Appendix D1**
Date Sep 2025	**Scale** N.T.S.	**File**

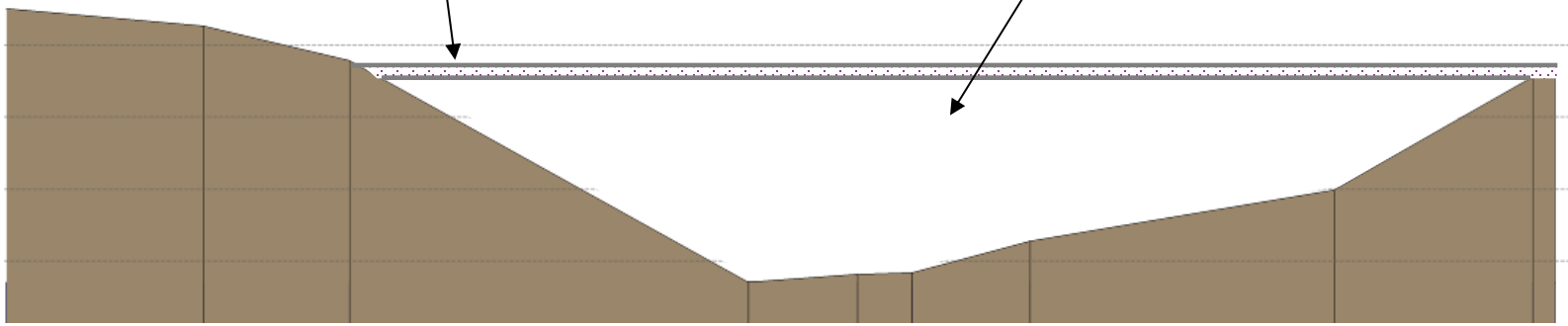


Site Photo

River Structure (E)

Object ID	BridA_US.1
Model Component	Weir Object
Weir Crest	4.87 mPD
Weir Width	14.8 m

Object ID	BridA_US.2
Model Component	Conduit Object
Width	7.90 m
Height	3.00 m
Equivalent Area	23.7 m^2



Remark:

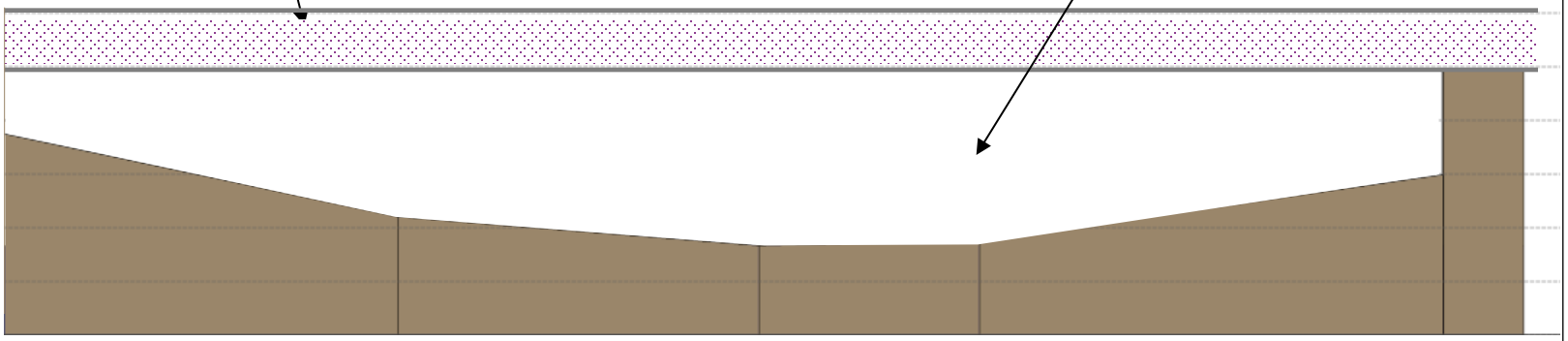
- The sectional view is extracted from Model Cross Section Line ID - FUNG_YUEN_W_CH1300-FUNG_YUEN_W which corresponds to Survey Section 6.
- Left riverbank is to eastern direction, right riverbank is to western direction.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Sectional Views for 5 River Crossing Structures included in Hydraulic Model**	**Appendix D1**
Date Sep 2025	**Scale** N.T.S.	**File**

River Structure (B)'

Object ID	HF279-1.2
Model Component	Weir Object
Weir Crest	7.0 mPD
Weir Width	9.89 m

Object ID	HF279-1.1
Model Component	Conduit Object
Width	4.39 m
Height	3.0 m
Equivalent Area	13.18 m^2



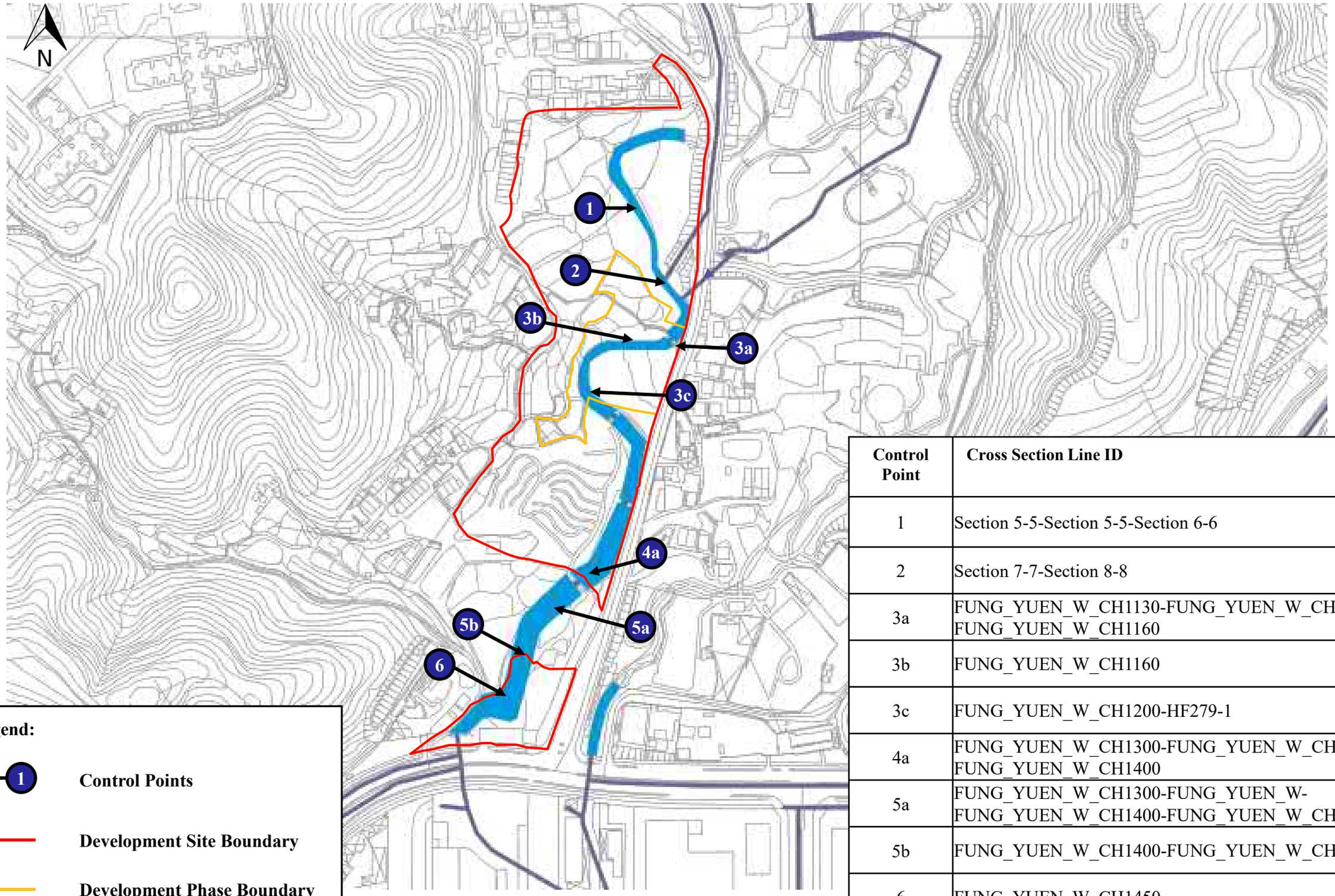
Remark:

- The sectional view is extracted from Model Cross Section Line ID - HF279-1 which corresponds to Survey Section 13.
- Left riverbank is to eastern direction, right riverbank is to western direction.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Sectional Views for 5 River Crossing Structures included in Hydraulic Model**	**Appendix D1**
Date Sep 2025	**Scale** N.T.S.	**File**

Appendix E

Location Plan for Model Results Control Points



Control Point	Cross Section Line ID
1	Section 5-5-Section 5-5-Section 6-6
2	Section 7-7-Section 8-8
3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160
3b	FUNG_YUEN_W_CH1160
3c	FUNG_YUEN_W_CH1200-HF279-1
4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400
5a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH
5b	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450
6	FUNG_YUEN_W_CH1450

Legend:

- 1 — **Control Points**
- **Development Site Boundary**
- **Development Phase Boundary**

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Location Plan for Model Results Control Points**

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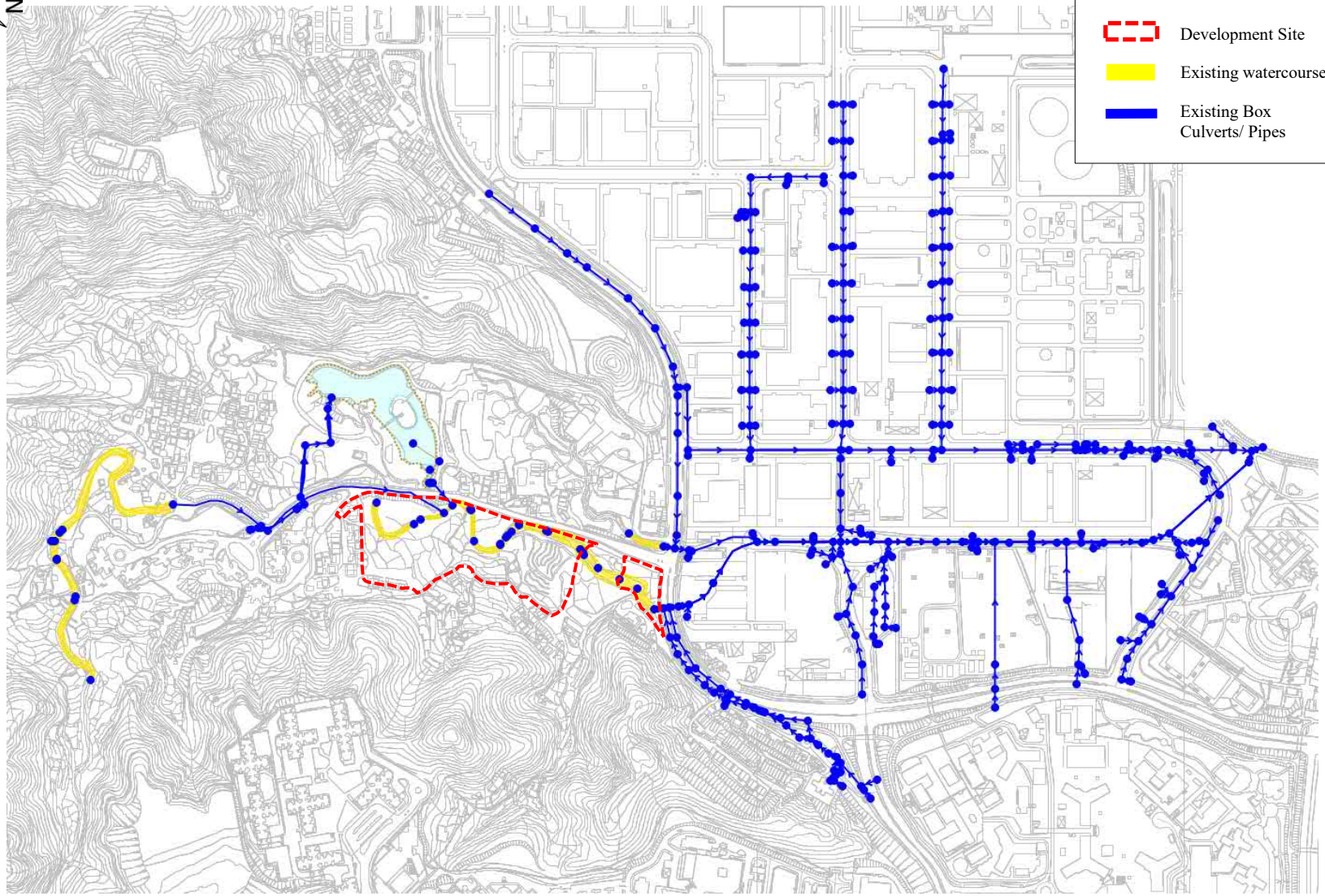
Appendix E

Date	Scale	File
Sep 2025	N.T.S.	

Appendix F
Model Extent



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Existing Model Extent (Overview)**

Date	Scale	File
Sep 2025	N.T.S.	

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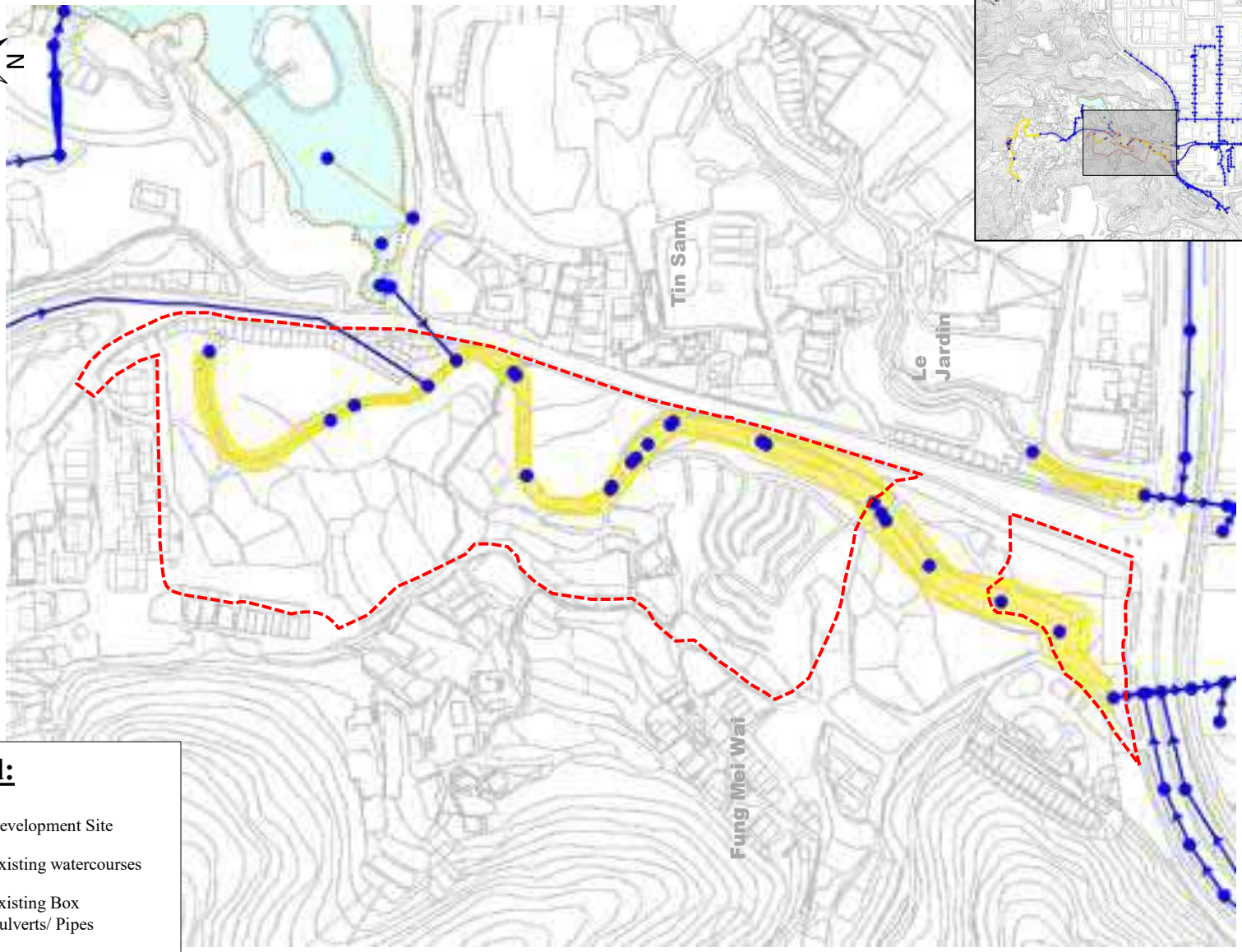
Appendix F



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Existing Model Extent (Enlarged Plan for Stream near the Site)**

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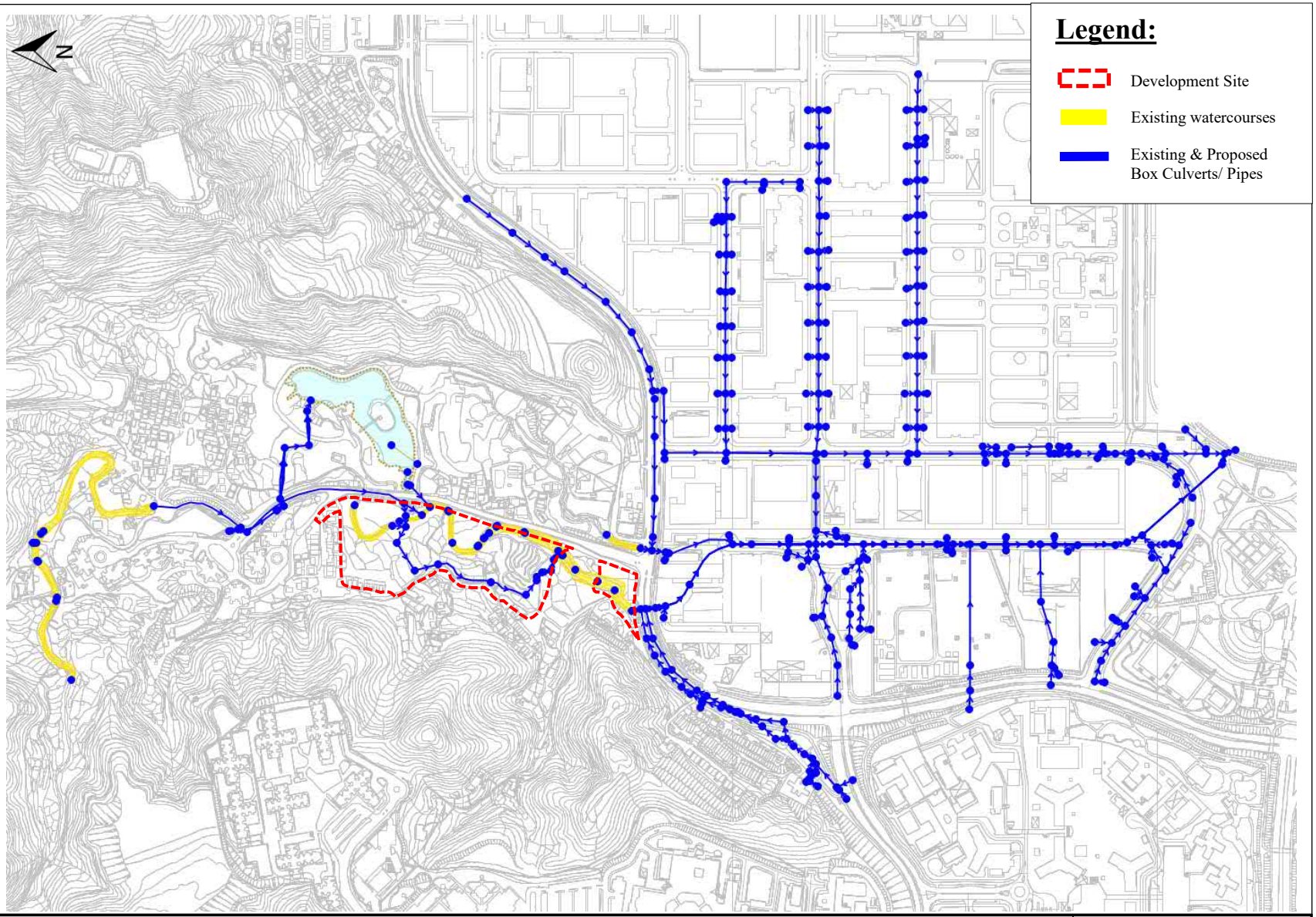
Appendix F

Date	Scale	File
Sep 2025	N.T.S.	

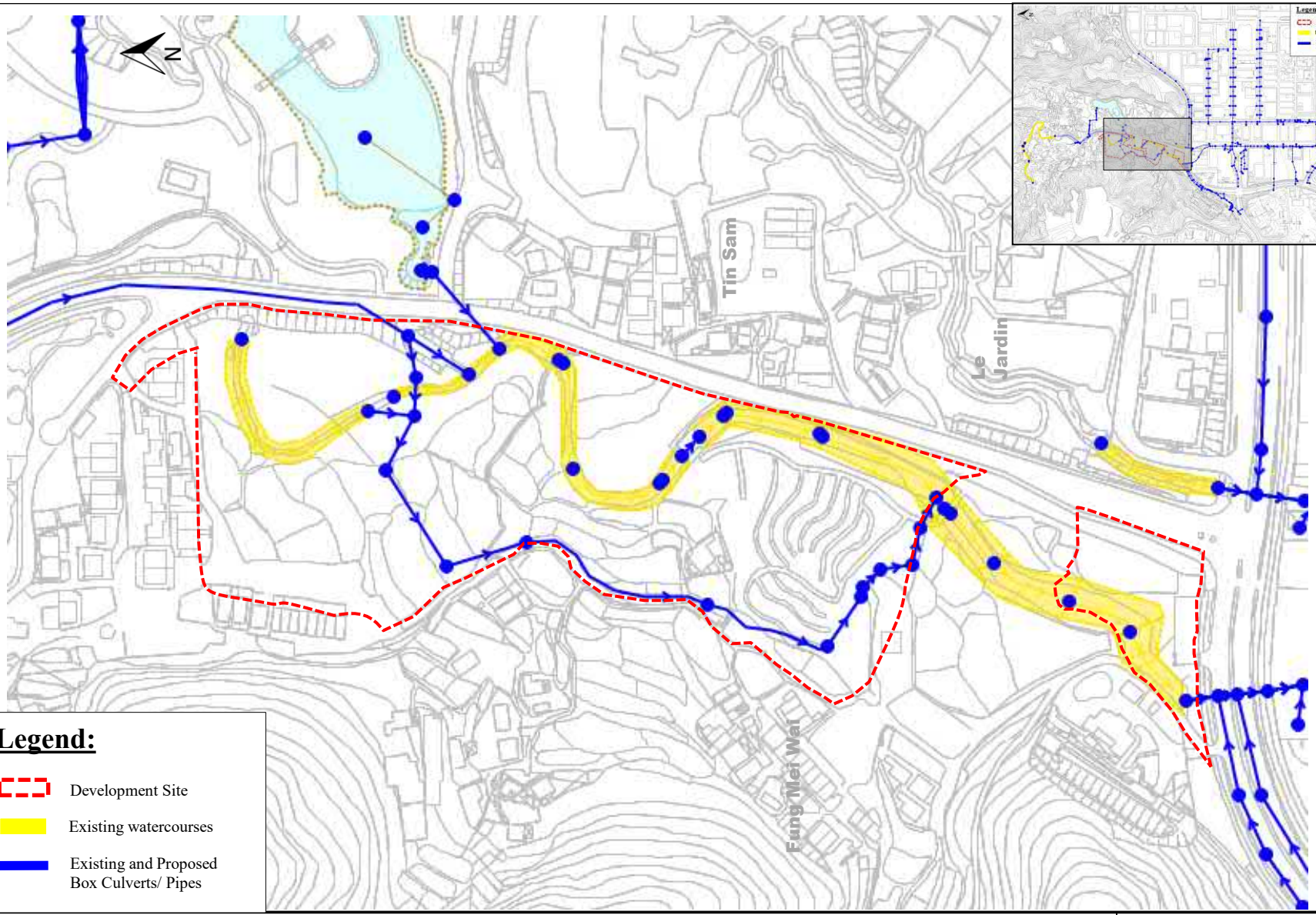


Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Proposed Model Extent (Overview)**

MOTT MACDONALD

Appendix F

Date	Scale	File
Sep 2025	N.T.S.	



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Proposed Model Extent (Enlarged Plan for Stream near the Site)**

Date	Scale	File
Sep 2025	N.T.S.	

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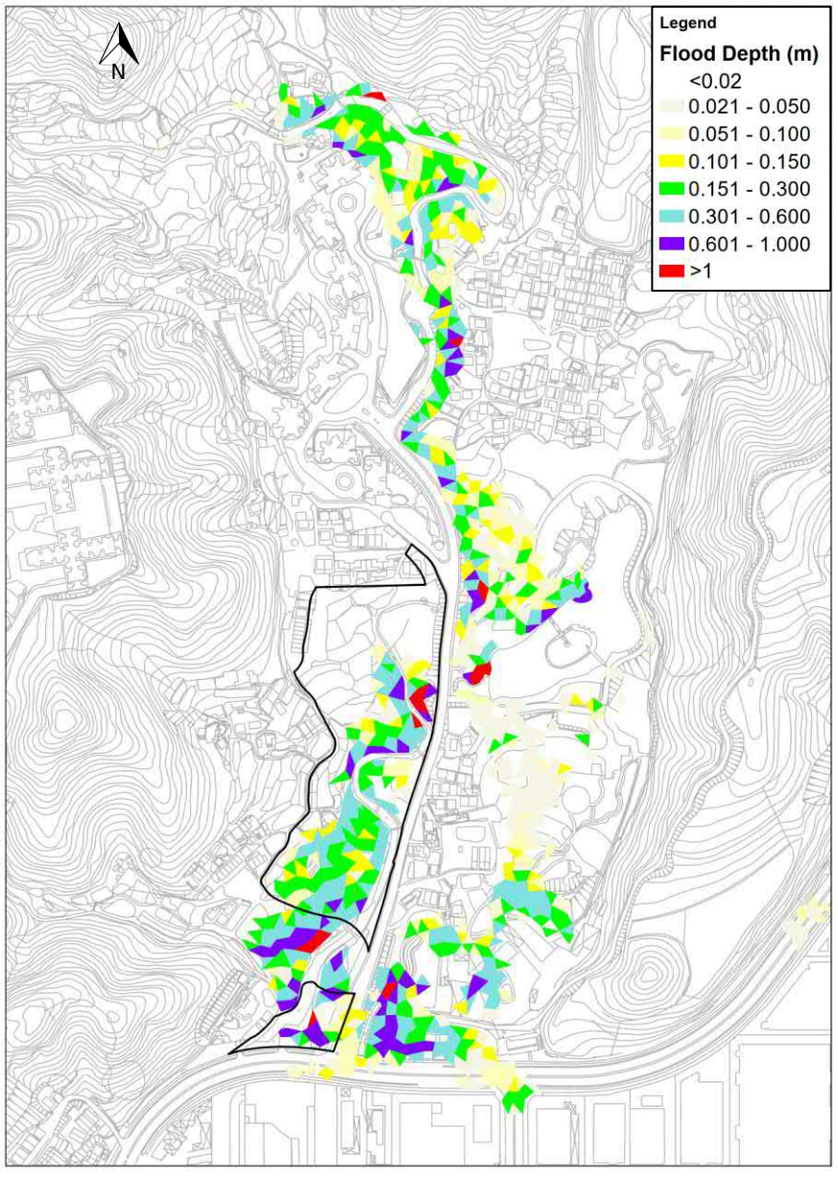
Appendix F

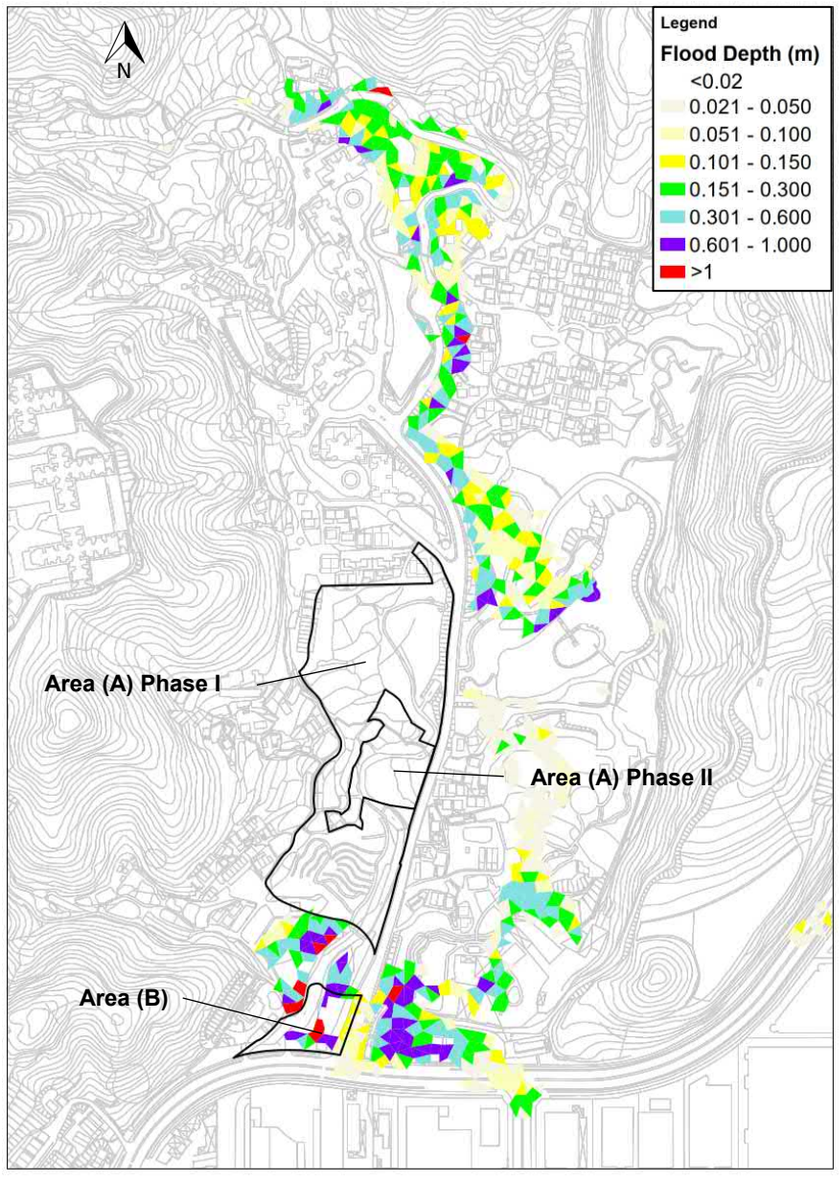
Appendix G
Flood Map

Comparison of Enlarged Flood Map near the Site under 10A Flood Event

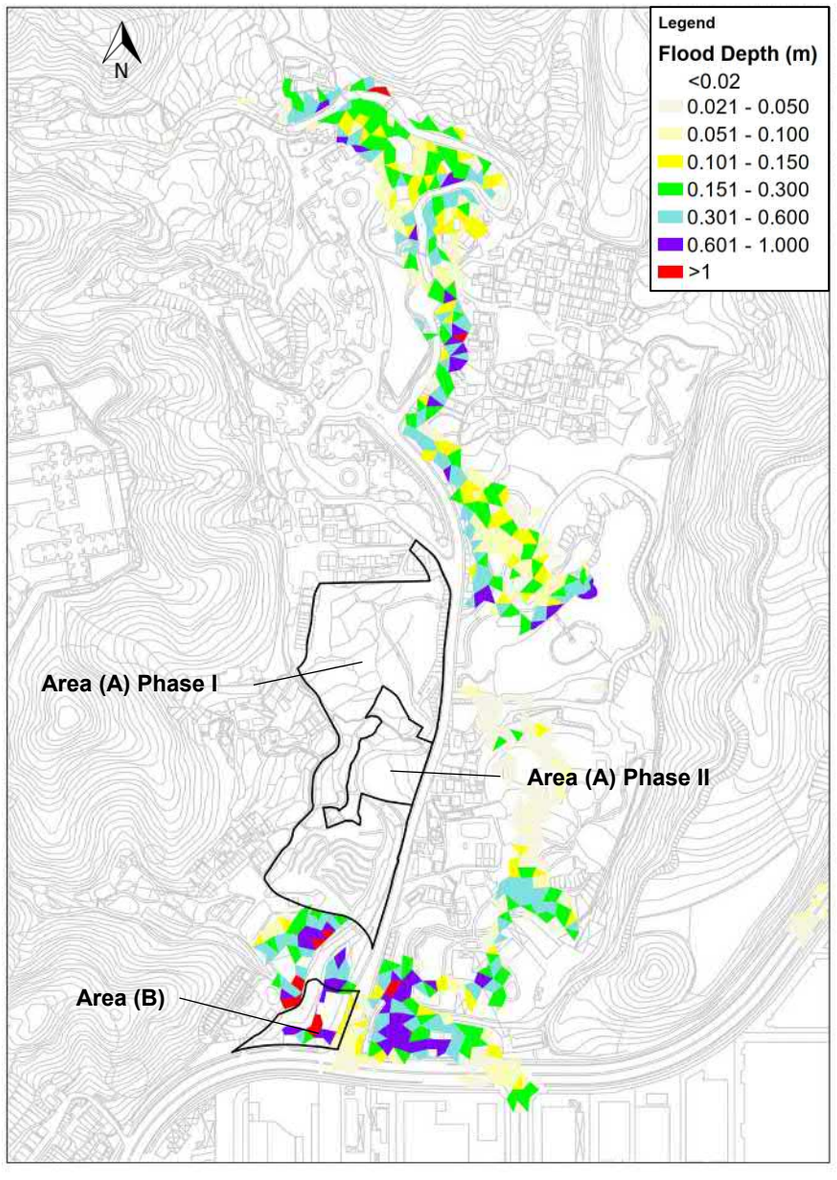
Existing Condition



Proposed Condition with only Development in Area (A) Phase I and Area (B)

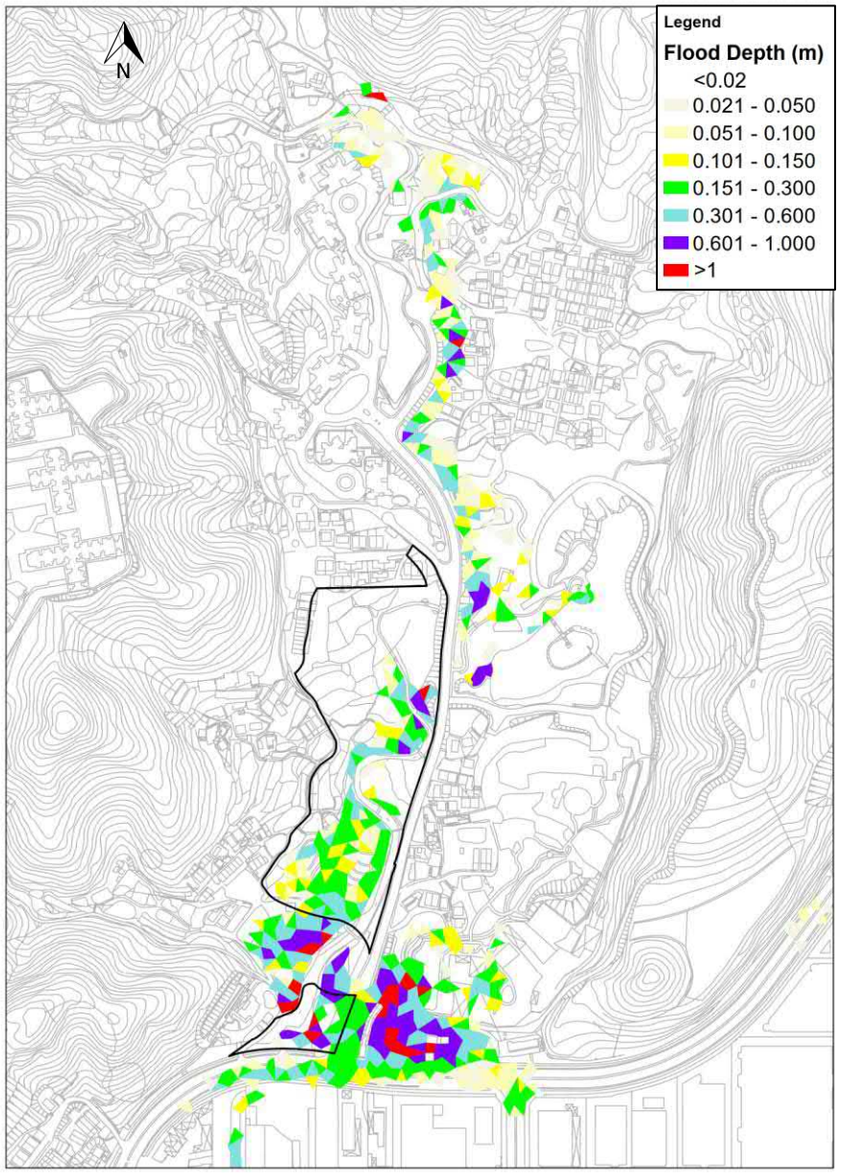


Proposed Condition with entire Development

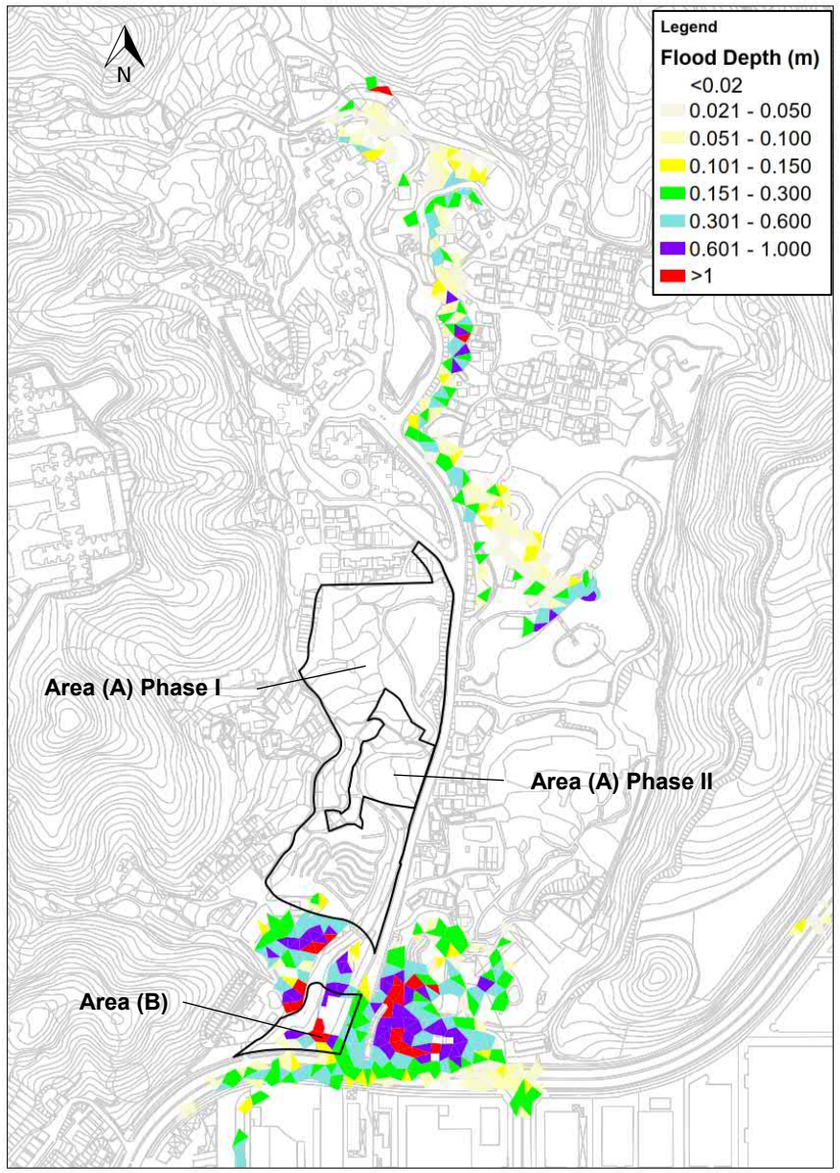


Comparison of Enlarged Flood Map near the Site under 10B Flood Event

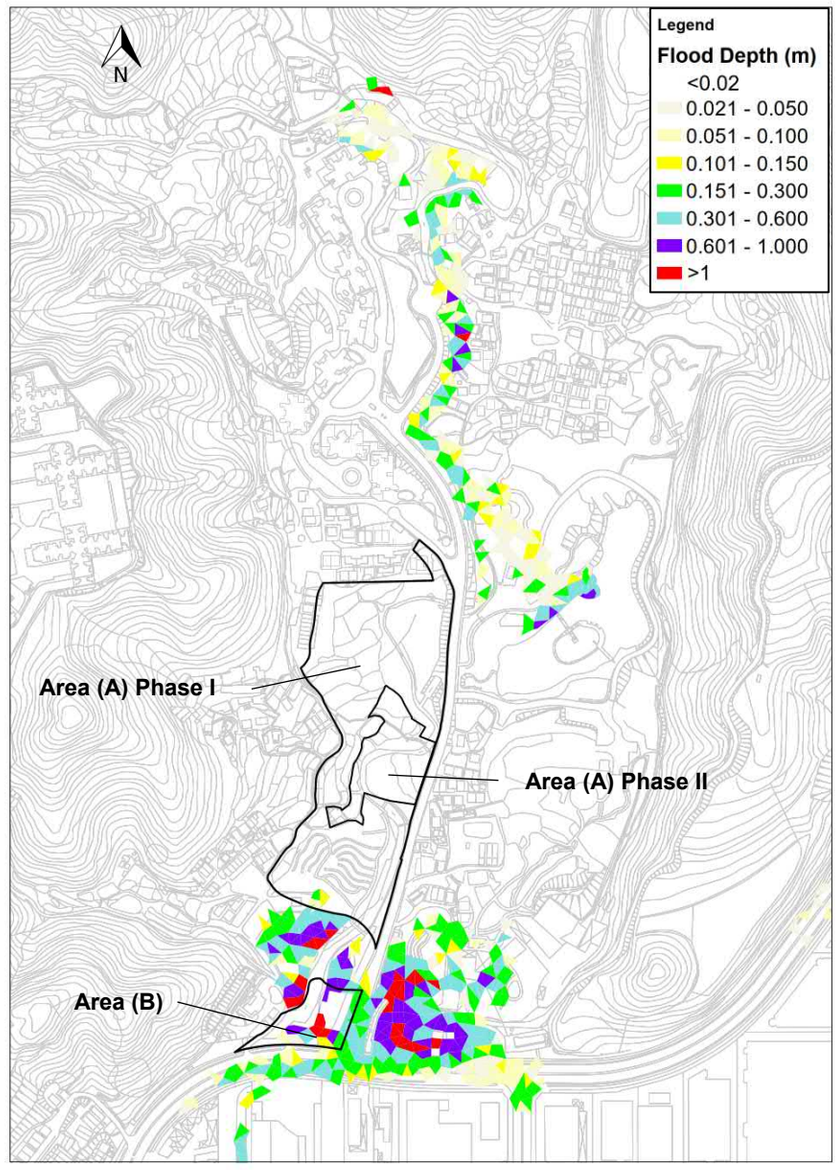
Existing Condition



Proposed Condition with only Development in Area (A) Phase I and Area (B)

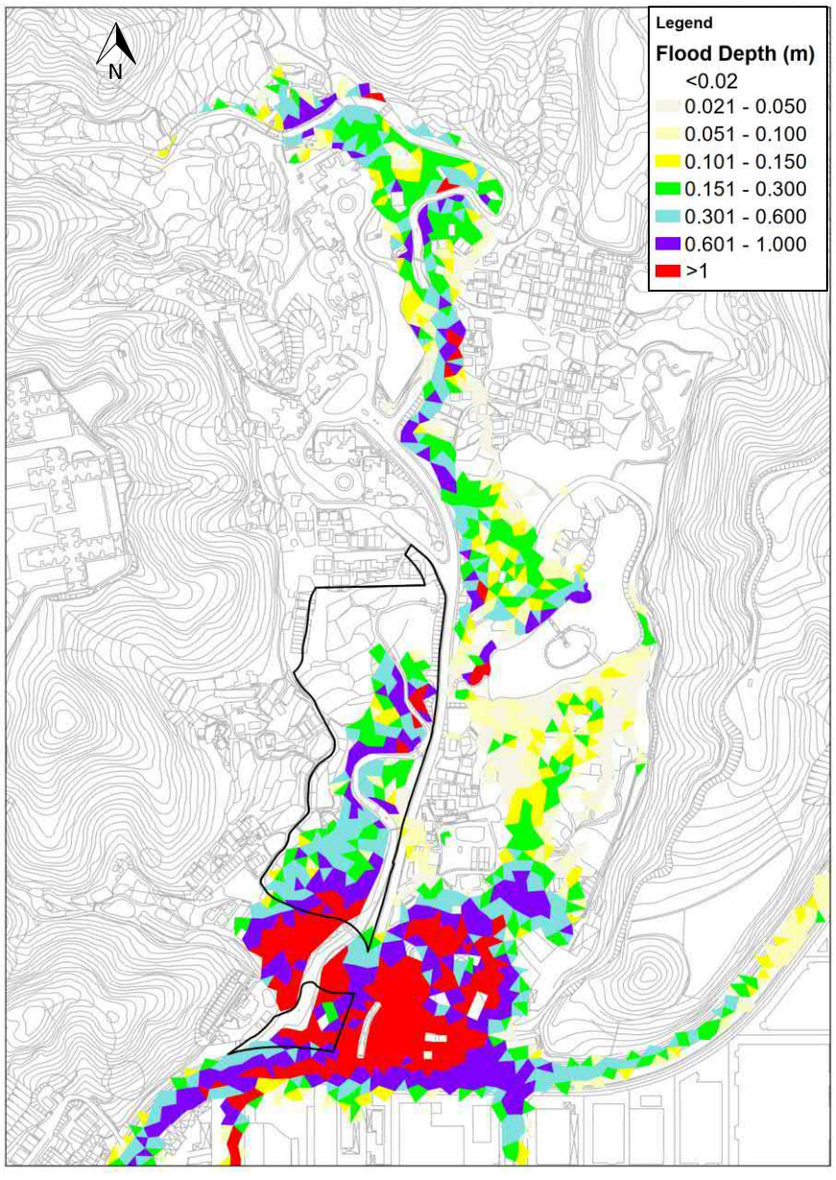


Proposed Condition with entire Development

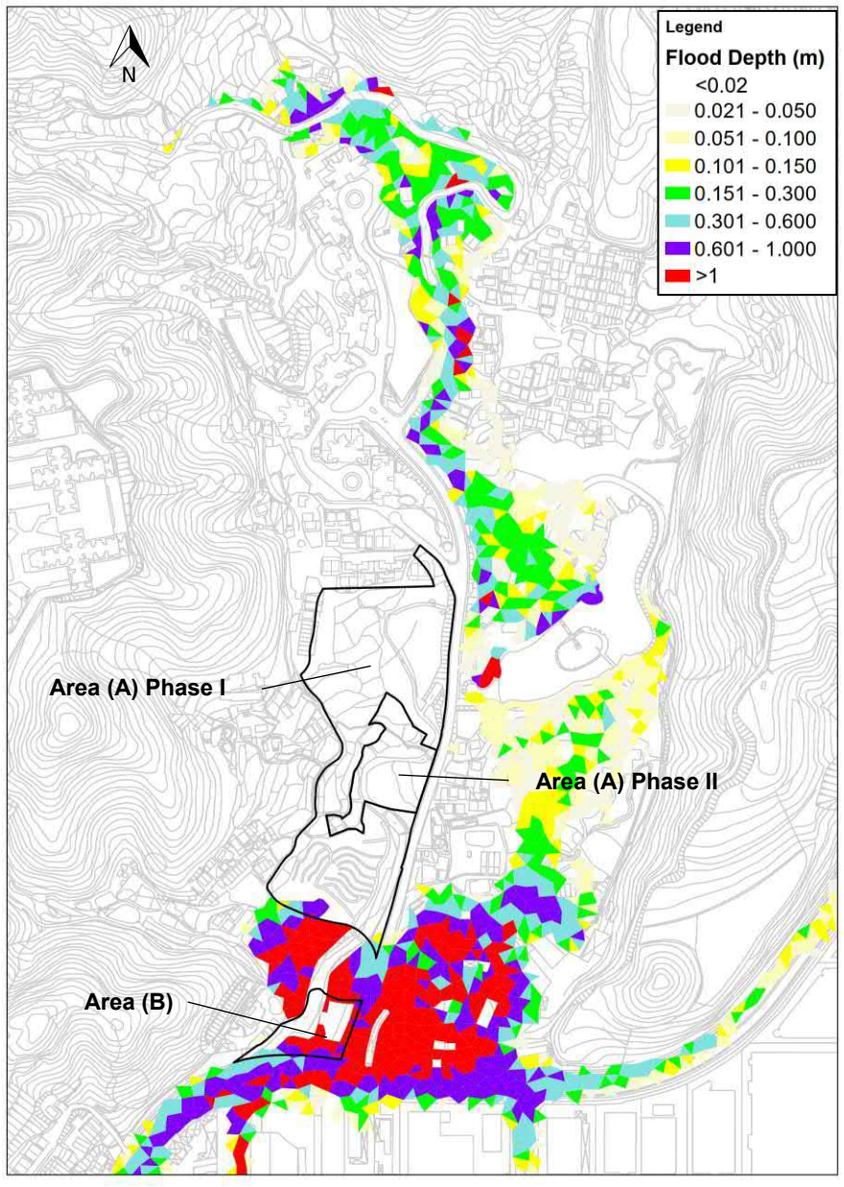


Comparison of Enlarged Flood Map near the Site under 50A Flood Event

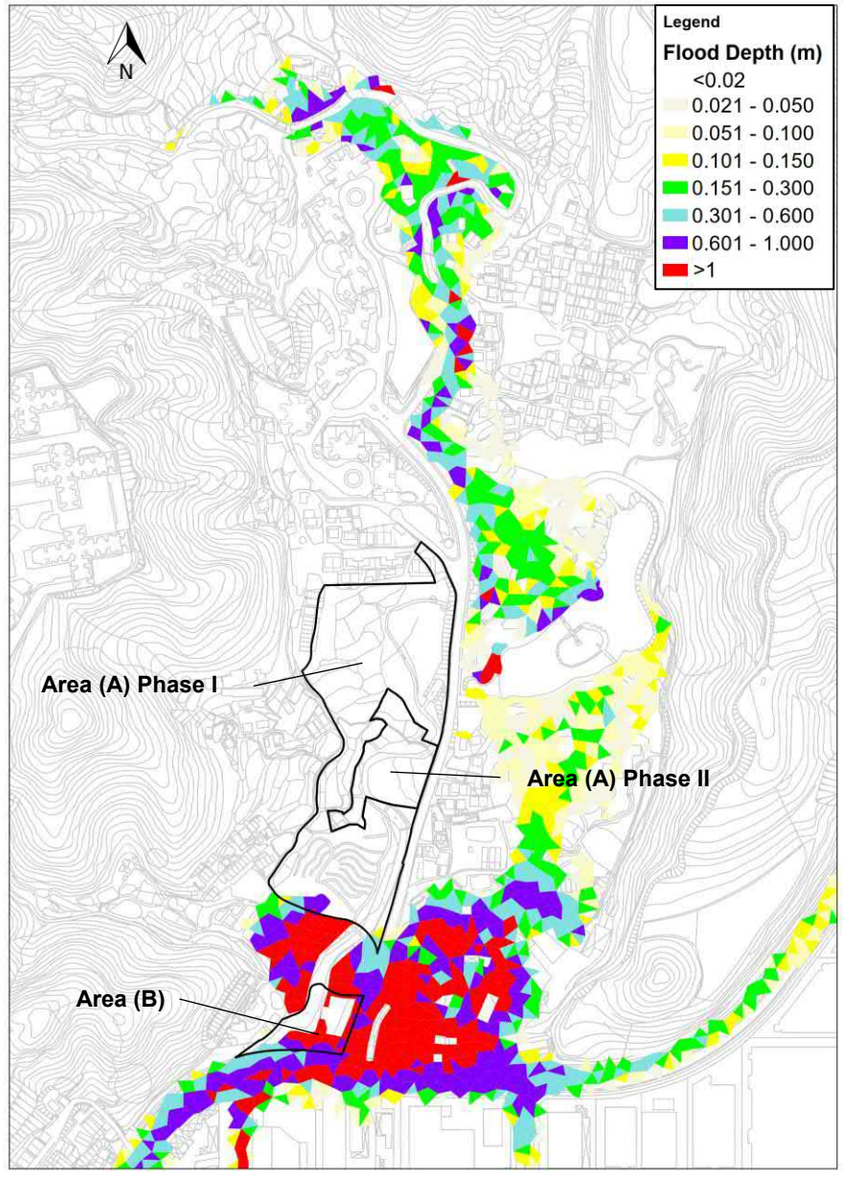
Existing Condition



Proposed Condition with only Development in Area (A) Phase I and Area (B)

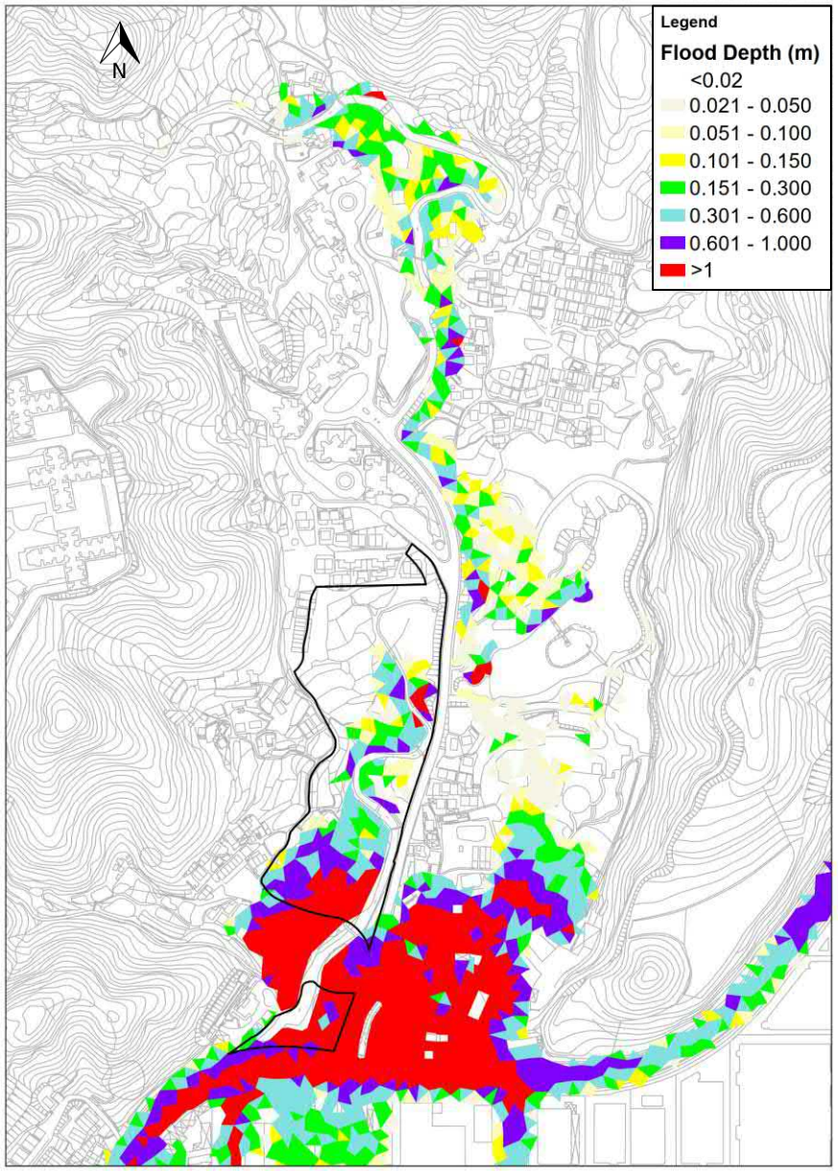


Proposed Condition with entire Development

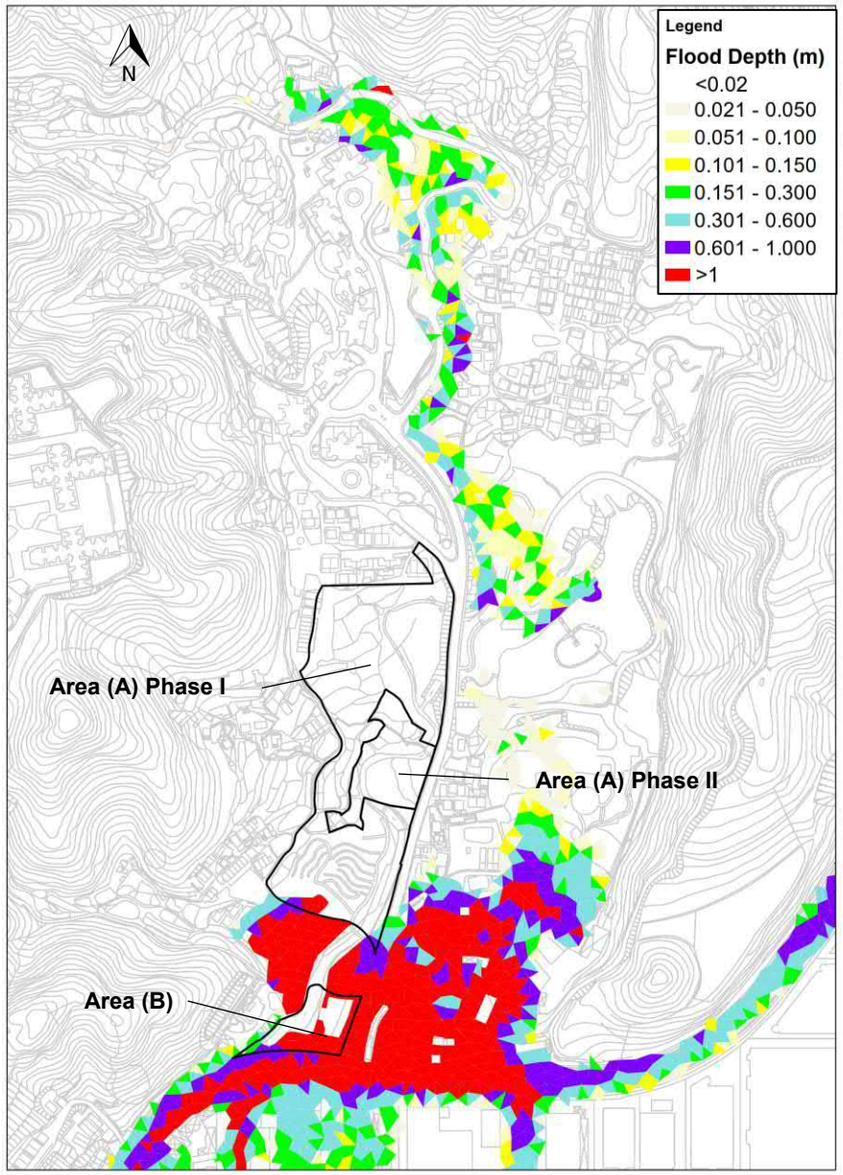


Comparison of Enlarged Flood Map near the Site under 50B Flood Event

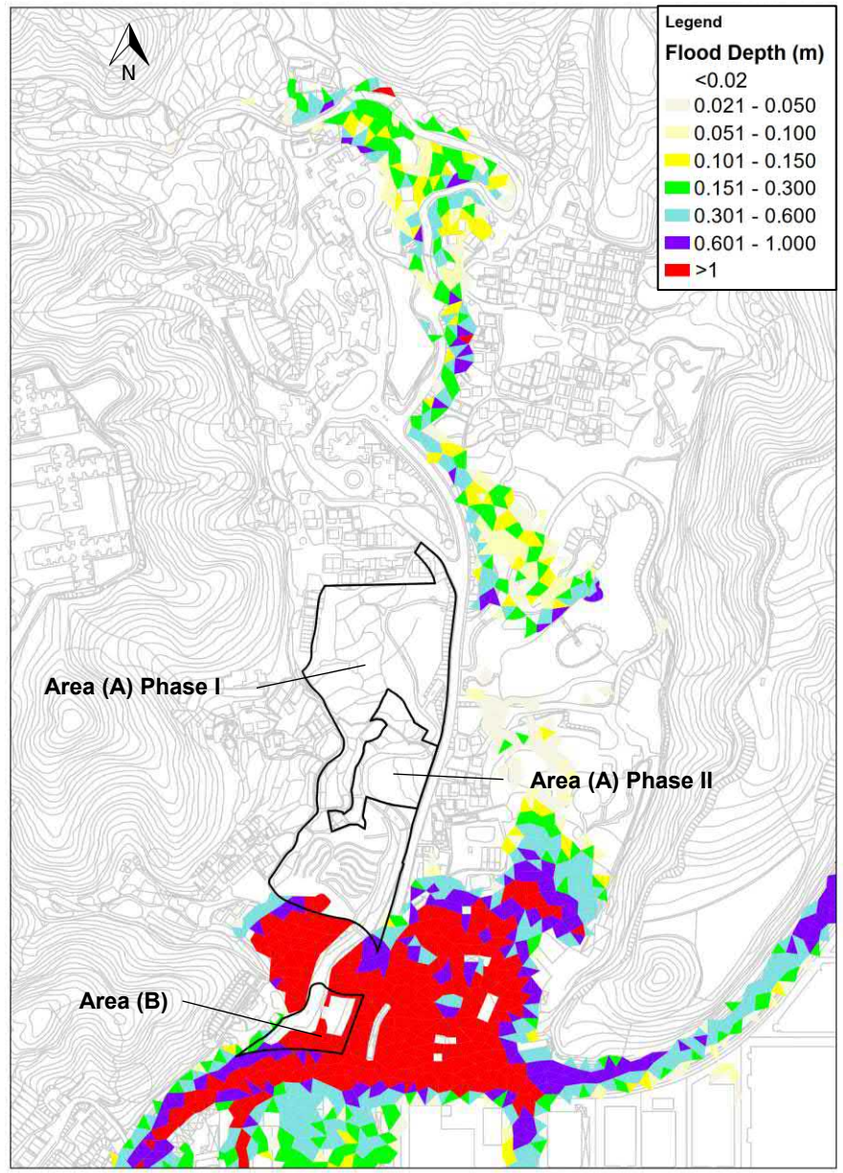
Existing Condition



Proposed Condition with only Development in Area (A) Phase I and Area (B)

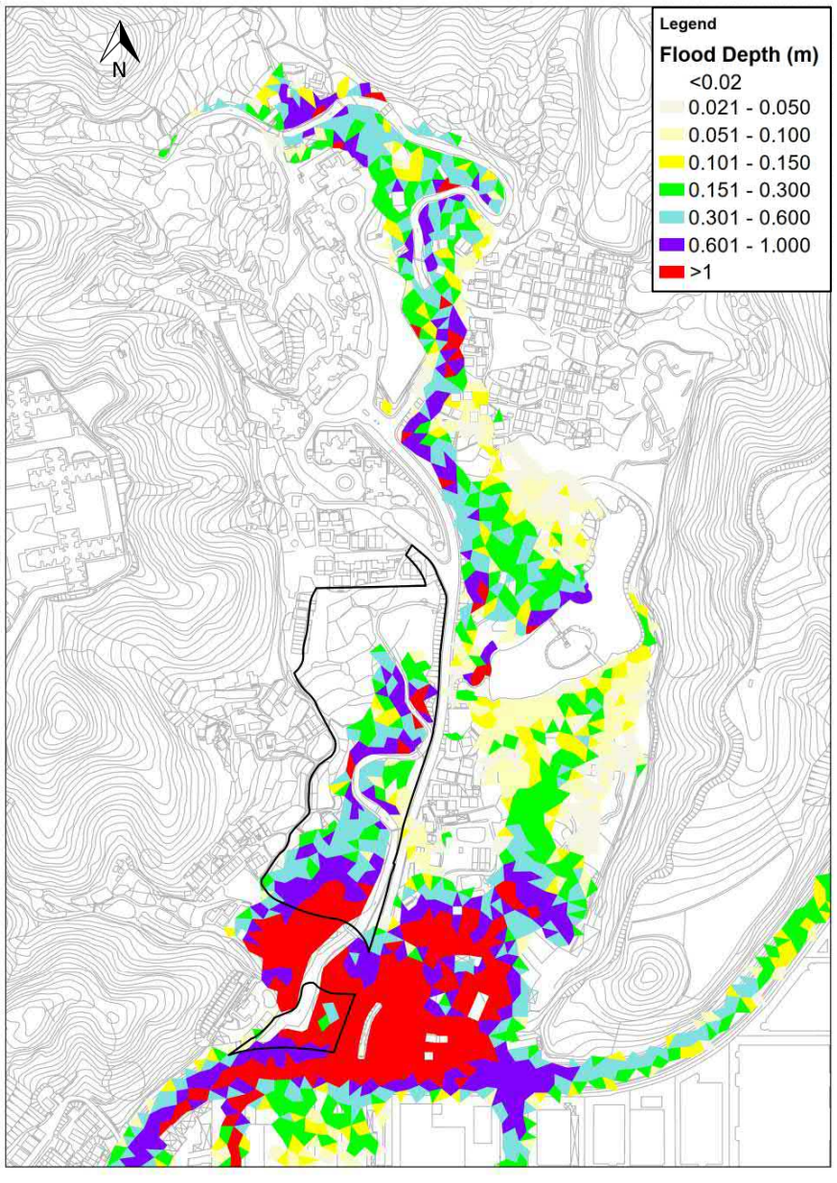


Proposed Condition with entire Development

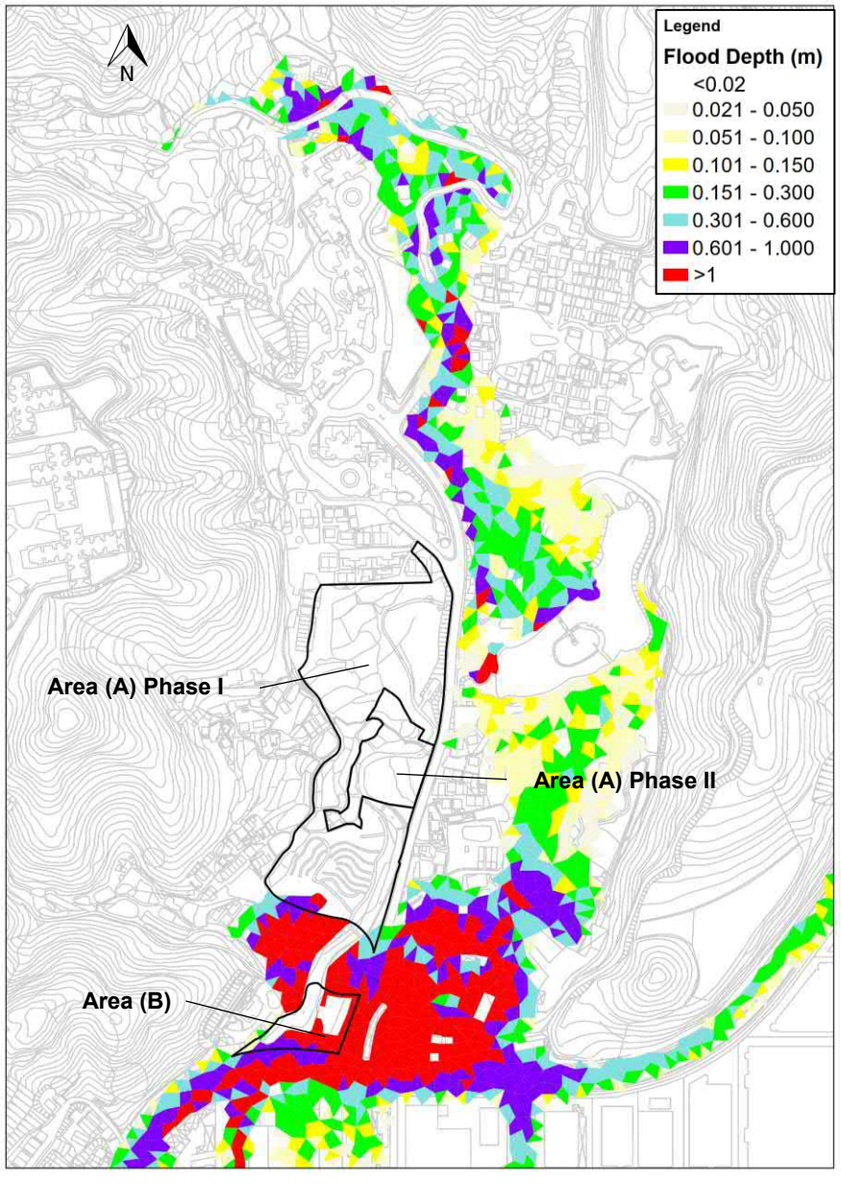


Comparison of Enlarged Flood Map near the Site under 200A Flood Event

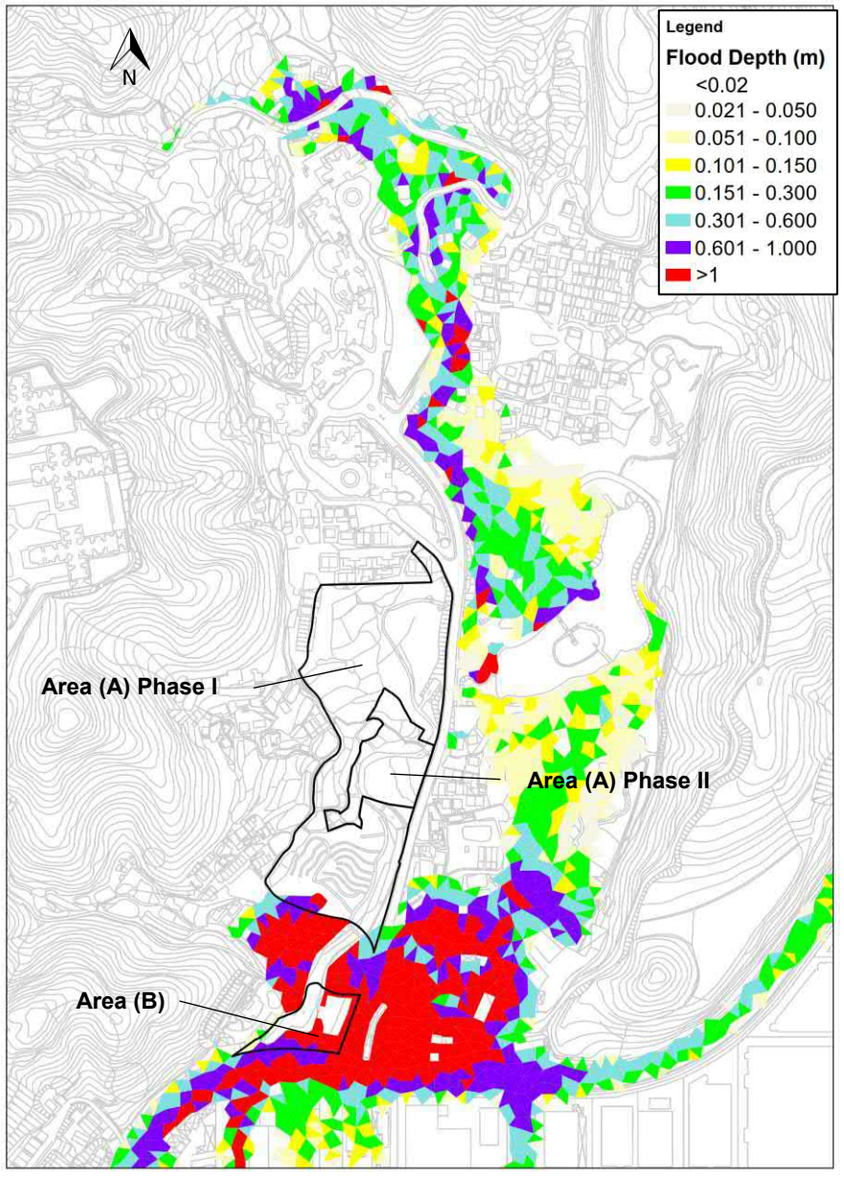
Existing Condition



Proposed Condition with only Development in Area (A) Phase I and Area (B)

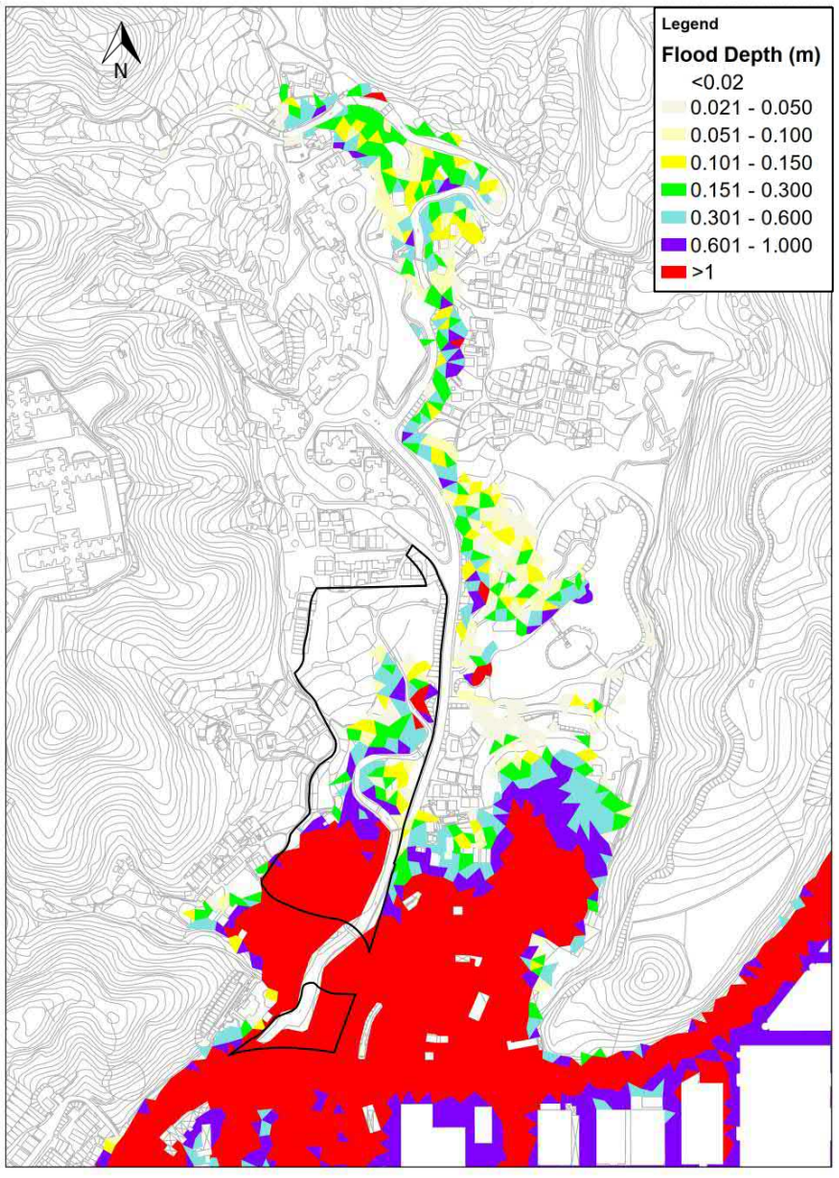


Proposed Condition with entire Development

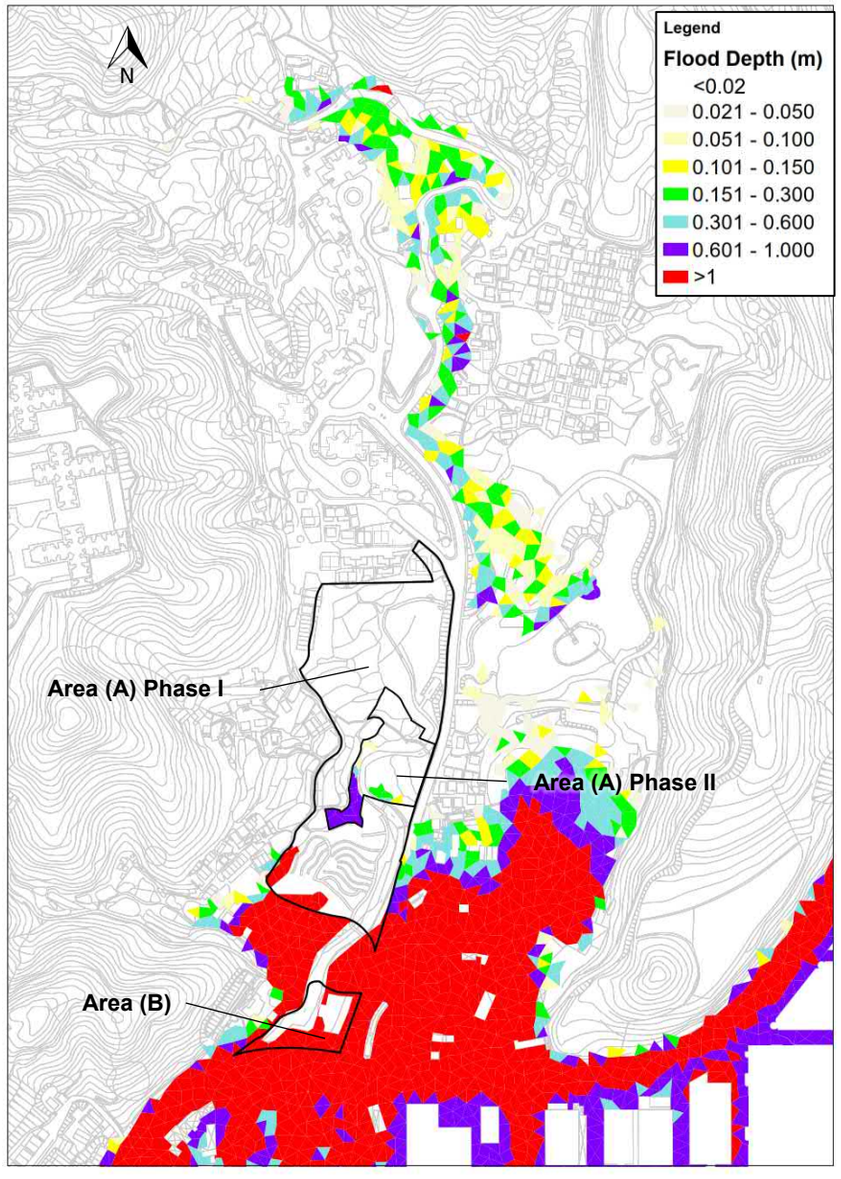


Comparison of Enlarged Flood Map near the Site under 200B Flood Event

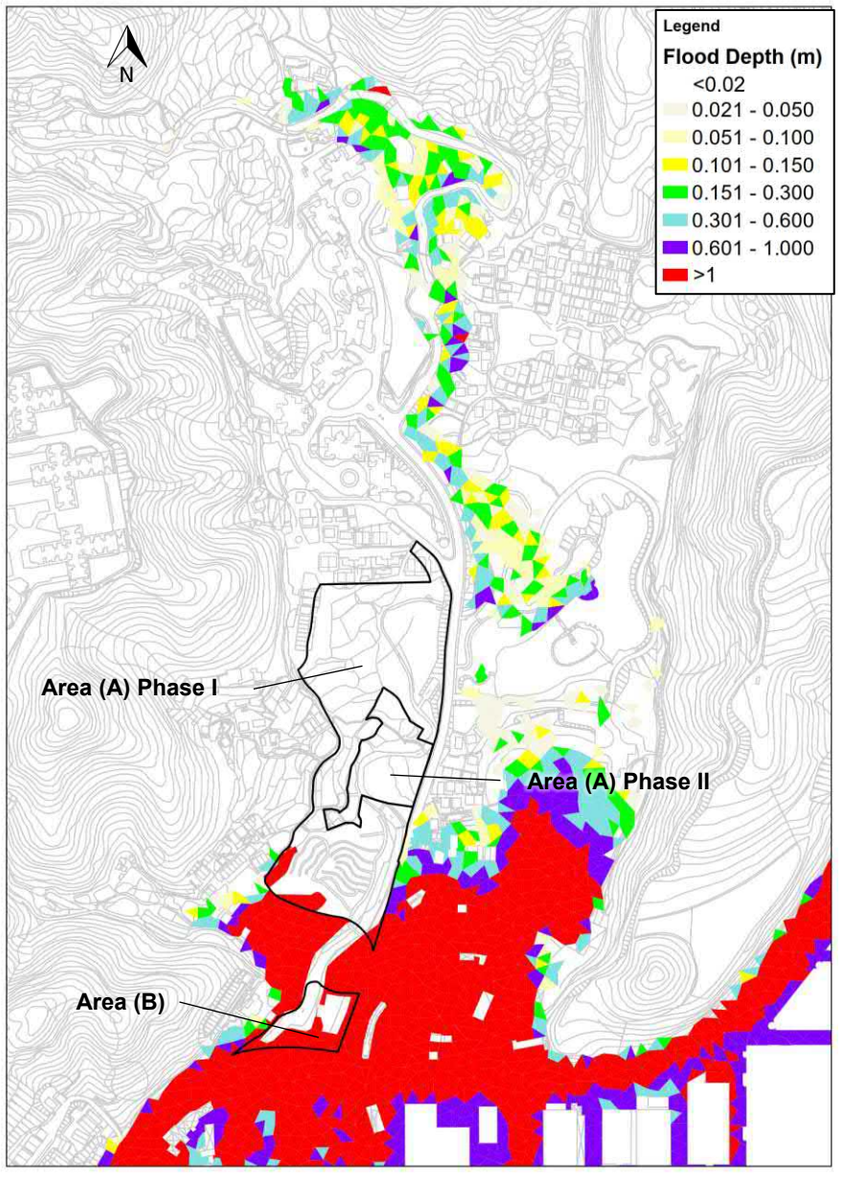
Existing Condition



Proposed Condition with only Development in Area (A) Phase I and Area (B)



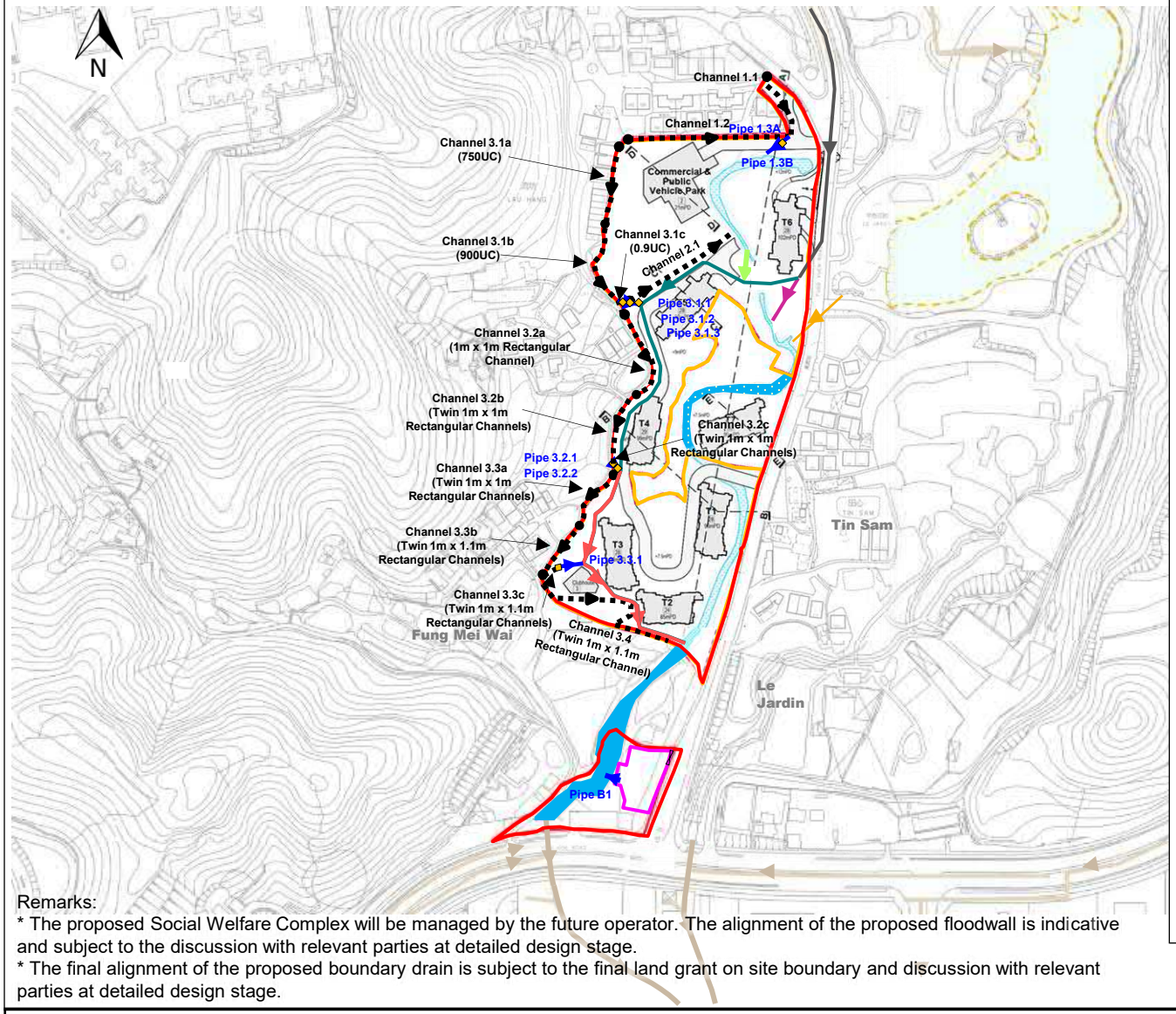
Proposed Condition with entire Development



Appendix H
InfoWorks ICM Hydraulic Model

Appendix I

Drainage Features Near the Development Site



Legend

- Development Site Boundary
- Development Phase Boundary
- Existing stream course within Area (A) Phase I of the Development Site Boundary
- Existing stream course within Area (A) Phase II of the Development Site Boundary
- Existing stream course outside development area
- Existing box culvert with a size ranged from 3.6m x 2.5m along Fung Yuen Road
- Existing pipe with diameter of 600mm connecting from the lake in Le Jardin to the existing stream course
- Proposed 4000x3000 Box Culvert (1 Cell)
- Proposed 4000x3500 Box Culvert (1 Cell)
- Proposed 1650mm Pipe
- Proposed 1050mm Pipe
- Proposed floodwall of the social welfare complex
- Other existing drainage features
- Proposed Boundary Drains with cover
- Proposed Backdrop Manhole

Remarks:
* The proposed Social Welfare Complex will be managed by the future operator. The alignment of the proposed floodwall is indicative and subject to the discussion with relevant parties at detailed design stage.
* The final alignment of the proposed boundary drain is subject to the final land grant on site boundary and discussion with relevant parties at detailed design stage.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Drainage Features Near The Development Site**

Date	Scale	File
Sep 2025	N.T.S.	

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Appendix I

Appendix J

Calculation for Boundary drains

Appendix J - Hydraulic Calculation of Proposed Drainage System **Part I**

Ref.	Calculation

Objective Determine the runoff of the adjacent areas that will be collected by the proposed boundary drains.

Methodology

1. Determine the runoff from subcatchments by extracting from the results of hydraulic model
2. Use Manning Equation to determine the capacity of the proposed open channel and check against the design flow
3. Use the Colebrook-White Equation to determine the drainage capacity and check against the design flow
4. According to the Stormwater Drainage Manual (SDM), the design return period of drainage system for village zone is 10-year. The proposed boundary channels and associated pipes is designed for 10-year rainfall event to meet the SDM standard.
5. To prevent flooding in the nearby village area, this hydraulic check will also be checked for 50-year and 200-year rainfall events. In view of regular routine maintenance and emergency maintenance will be carried out by the owners of the development to prevent silt accumulation, as well as sufficient flow velocity under 50 and 200 years rainfall return period for self-cleansing, siltation is excluded in the hydrualic check calculations for 50 and 200 years rainfall return period.

1. Runoff from Nearby Catchments Extracted from the Hydraulic Model

Refer to Appendix C2 for the catchment plan for proposed condition.
Runoff is extracted from hydraulic model as attached in Appendix H of this DIA Report.

		Runoff from rainfall event (m^3/s)				
Sub Catchment ID	Total Catchment Areas(m^2)	2-year	10-year	50-year	200-year	Collected By Proposed Drainage System
Catchment_929A_P0	8,181	0.2619	0.3921	0.5008	0.5596	20% of runoff to Channel 1.1, 66% of runoff to Channel 1.2, and 14% of runoff to Existing Stream Course according to topography
Catchment_Development_2	7,894	0.3308	0.4758	0.5858	0.6408	100% of runoff to Channel 2.1 according to topography
1	19,900	0.6650	0.9868	1.2522	1.3943	64% of runoff to Channel 3.1a, 100% of runoff to Channel 3.1b according to topography. Channel 3.1b will be connected to Channel 3.2a.
2	31,583	1.0554	1.5661	1.9873	2.2129	45%% of runoff to Channel 3.2a and 100% of runoff to Channel 3.2b according to topography .Channel 3.2b will be connected to Channel 3.3a.
3	9,492	0.3172	0.4707	0.5972	0.6650	57% of runoff to Channel 3.3a and 100% of runoff to Channel 3.3b according to topography. Channel 3.3b will be connected to Channel 3.4a.
BridA_DS	9,696	0.3240	0.4808	0.6101	0.6794	28% of runoff to Channel 3.4a, Channel 3.4b and Channel 3.4c. The remaining 72% of runoff to Existing Stream Course

4. Determine the size of proposed open channel

Using Manning equation for calculate the channel Free Flow Full Bore Capacity

SDM Table 12

$$V = \frac{R^{1/6}}{n}\sqrt{RS_f}$$

where

	=	Velocity (m/s)
R	=	Hydraulic Radius (m)
S_f	=	Slope (m/m)
n	=	Manning's Coefficient of Roughness (Dimensionless)

Assumptions:

1 Surface roughness coefficient (n)	=	0.016	(assume poor concrete surface)
2 Siltation	=	10% of Area	

Proposed open channel

For Rainfall Return Period 10 years

Channel Name	No. of Channel	Channel Size m	Area m^2	Wet Perimeter m	Channel Length m	Hydraulic Radius m	Upstream Ground Level mPD	Downstream Ground Level mPD	Upstream Invert mPD	Downstream Invert mPD	Min. slope of the channel bed (So) 1 in	Flow from Catchment m^3/s	Free Flow Full-bore Capacity m^3/s	Full-bore Velocity m/s	Utilization %	Flow Capacity Check
Proposed Channel 1.1	1	0.45	0.18	1.16	43.2	0.16	12.2	11.4	11.76	10.75	43	0.078	0.500	2.77	15.69	OK
Proposed Channel 1.2	1	0.675	0.41	1.74	97.5	0.23	11.2	11.4	10.52	10.17	279	0.259	0.579	1.42	44.70	OK
Proposed Channel 2.1	1	0.675	0.41	1.74	81.6	0.23	9.7	9.6	8.99	8.44	150	0.476	0.789	1.94	60.30	OK
Proposed Channel 3.1a	1	0.75	0.50	1.93	56.7	0.26	11.8	11.6	10.95	10.48	120	0.632	1.168	2.33	54.05	OK
Proposed Channel 3.1b	1	0.9	0.72	2.31	56.7	0.31	11.6	11.4	10.48	10.00	120	0.987	1.900	2.63	51.94	OK
Proposed Channel 3.1c	1	0.9	0.72	2.31	1.0	0.31	11.4	11.4	9.90	9.89	100	0.987	2.083	2.88	47.37	OK
Proposed Channel 3.2a	1	1 x 1	1.00	3.00	54.1	0.33	11.4	10.5	9.80	9.31	110	1.692	2.865	2.86	59.04	OK
Proposed Channel 3.2b	2	1 x 1	1.00	3.00	54.1	0.33	10.5	9.7	8.91	8.55	148	2.553	4.940	2.47	51.68	OK
Proposed Channel 3.2c	2	1 x 1	1.00	3.00	1.0	0.33	9.7	9.7	8.15	8.14	148	2.553	4.940	2.47	51.68	OK
Proposed Channel 3.3a-1	2	1 x 1	1.00	3.00	19.4	0.33	9.7	8.9	7.95	7.83	161	2.821	4.736	2.37	59.57	OK
Proposed Channel 3.3a-2	2	1 x 1	1.00	3.00	19.4	0.33	8.9	8.2	7.23	7.11	161	2.821	4.736	2.37	59.57	OK
Proposed Channel 3.3b-1	2	1 x 1.1	1.10	3.20	19.4	0.34	8.2	7.5	6.51	6.39	173	3.024	5.130	2.33	58.94	OK
Proposed Channel 3.3b-2	2	1 x 1.1	1.10	3.20	19.4	0.34	7.5	6.8	5.79	5.68	173	3.024	5.130	2.33	58.94	OK
Proposed Channel 3.3c	2	1 x 1.1	1.10	3.20	1.0	0.34	6.8	6.8	5.28	5.27	150	3.024	5.509	2.50	54.88	OK
Proposed Channel 3.4a	2	1 x 1.1	1.10	3.20	41.0	0.34	6.8	6.0	5.08	4.84	173	3.158	5.130	2.33	61.56	OK
Proposed Channel 3.4b	2	1 x 1.1	1.10	3.20	41.0	0.34	6.0	5.2	4.24	4.01	173	3.158	5.130	2.33	61.56	OK
Proposed Channel 3.4c	2	1 x 1.1	1.10	3.20	41.0	0.34	5.2	4.4	3.51	3.27	173	3.158	5.130	2.33	61.56	OK

Ref.	Calculation

For Rainfall Return Period 50 years

Channel Name	No. of Channel	Channel Size m	Area m^2	Wet Perimeter m	Channel Length m	Hydraulic Radius m	Upstream Ground Level mPD	Downstream Ground Level mPD	Upstream Invert mPD	Downstream Invert mPD	Min. slope of the channel bed (So) 1 in	Flow from Catchment m^3/s	Free Flow Full-bore Capacity m^3/s	Full-bore Velocity m/s	Utilization %	Flow Capacity Check
Proposed Channel 1.1	1	0.45	0.18	1.16	43.2	0.16	12.2	11.4	11.76	10.75	43	0.100	0.500	2.77	20.04	OK
Proposed Channel 1.2	1	0.675	0.41	1.74	97.5	0.23	11.2	11.4	10.52	10.17	279	0.331	0.579	1.42	57.10	OK
Proposed Channel 2.1	1	0.675	0.41	1.74	81.6	0.23	9.7	9.6	8.99	8.44	150	0.586	0.789	1.94	74.24	OK
Proposed Channel 3.1a	1	0.75	0.50	1.93	56.7	0.26	11.8	11.6	10.95	10.48	120	0.801	1.168	2.33	68.59	OK
Proposed Channel 3.1b	1	0.9	0.72	2.31	56.7	0.31	11.6	11.4	10.48	10.00	120	1.252	1.900	2.63	65.91	OK
Proposed Channel 3.1c	1	0.9	0.72	2.31	1.0	0.31	11.4	11.4	9.90	9.89	100	1.252	2.083	2.88	60.11	OK
Proposed Channel 3.2a	1	1 x 1	1.00	3.00	54.1	0.33	11.4	10.5	9.80	9.31	110	2.146	2.865	2.86	74.92	OK
Proposed Channel 3.2b	2	1 x 1	1.00	3.00	54.1	0.33	10.5	9.7	8.91	8.55	148	3.239	4.940	2.47	65.58	OK
Proposed Channel 3.2c	2	1 x 1	1.00	3.00	1.0	0.33	9.7	9.7	8.15	8.14	148	3.239	4.940	2.47	65.58	OK
Proposed Channel 3.3a-1	2	1 x 1	1.00	3.00	19.4	0.33	9.7	8.9	7.95	7.83	161	3.580	4.736	2.37	75.59	OK
Proposed Channel 3.3a-2	2	1 x 1	1.00	3.00	19.4	0.33	8.9	8.2	7.23	7.11	161	3.580	4.736	2.37	75.59	OK
Proposed Channel 3.3b-1	2	1 x 1.1	1.10	3.20	19.4	0.34	8.2	7.5	6.51	6.39	173	3.837	5.130	2.33	74.79	OK
Proposed Channel 3.3b-2	2	1 x 1.1	1.10	3.20	19.4	0.34	7.5	6.8	5.79	5.68	173	3.837	5.130	2.33	74.79	OK
Proposed Channel 3.3c	2	1 x 1.1	1.10	3.20	1.0	0.34	6.8	6.8	5.28	5.27	150	3.837	5.509	2.50	69.64	OK
Proposed Channel 3.4a	2	1 x 1.1	1.10	3.20	41.0	0.34	6.8	6.0	5.08	4.84	173	4.007	5.130	2.33	78.12	OK
Proposed Channel 3.4b	2	1 x 1.1	1.10	3.20	41.0	0.34	6.0	5.2	4.24	4.01	173	4.007	5.130	2.33	78.12	OK
Proposed Channel 3.4c	2	1 x 1.1	1.10	3.20	41.0	0.34	5.2	4.4	3.51	3.27	173	4.007	5.130	2.33	78.12	OK

For Rainfall Return Period 200 years

Channel Name	No. of Channel	Channel Size m	Area m^2	Wet Perimeter m	Channel Length m	Hydraulic Radius m	Upstream Ground Level mPD	Downstream Ground Level mPD	Upstream Invert mPD	Downstream Invert mPD	Min. slope of the channel bed (So) 1 in	Flow from Catchment m^3/s	Free Flow Full-bore Capacity m^3/s	Full-bore Velocity m/s	Utilization %	Flow Capacity Check
Proposed Channel 1.1	1	0.45	0.18	1.16	43.2	0.16	12.2	11.4	11.76	10.75	43	0.112	0.500	2.77	22.39	OK
Proposed Channel 1.2	1	0.675	0.41	1.74	97.5	0.23	11.2	11.4	10.52	10.17	279	0.369	0.579	1.42	63.79	OK
Proposed Channel 2.1	1	0.675	0.41	1.74	81.6	0.23	9.7	9.6	8.99	8.44	150	0.641	0.789	1.94	81.21	OK
Proposed Channel 3.1a	1	0.75	0.50	1.93	56.7	0.26	11.8	11.6	10.95	10.48	120	0.892	1.168	2.33	76.38	OK
Proposed Channel 3.1b	1	0.9	0.72	2.31	56.7	0.31	11.6	11.4	10.48	10.00	120	1.394	1.900	2.63	73.39	OK
Proposed Channel 3.1c	1	0.9	0.72	2.31	1.0	0.31	11.4	11.4	9.90	9.89	100	1.394	2.083	2.88	66.93	OK
Proposed Channel 3.2a	1	1 x 1	1.00	3.00	54.1	0.33	11.4	10.5	9.80	9.31	110	2.390	2.865	2.86	83.43	OK
Proposed Channel 3.2b	2	1 x 1	1.00	3.00	54.1	0.33	10.5	9.7	8.91	8.55	148	3.607	4.940	2.47	73.03	OK
Proposed Channel 3.2c	2	1 x 1	1.00	3.00	1.0	0.33	9.7	9.7	8.15	8.14	148	3.607	4.940	2.47	73.03	OK
Proposed Channel 3.3a-1	2	1 x 1	1.00	3.00	19.4	0.33	9.7	8.9	7.95	7.83	161	3.986	4.736	2.37	84.17	OK
Proposed Channel 3.3a-2	2	1 x 1	1.00	3.00	19.4	0.33	8.9	8.2	7.23	7.11	161	3.986	4.736	2.37	84.17	OK
Proposed Channel 3.3b-1	2	1 x 1.1	1.10	3.20	19.4	0.34	8.2	7.5	6.51	6.39	173	4.272	5.130	2.33	83.28	OK
Proposed Channel 3.3b-2	2	1 x 1.1	1.10	3.20	19.4	0.34	7.5	6.8	5.79	5.68	173	4.272	5.130	2.33	83.28	OK
Proposed Channel 3.3c	2	1 x 1.1	1.10	3.20	1.0	0.34	6.8	6.8	5.28	5.27	150	4.272	5.509	2.50	77.55	OK
Proposed Channel 3.4a	2	1 x 1.1	1.10	3.20	41.0	0.34	6.8	6.0	5.08	4.84	173	4.462	5.130	2.33	86.99	OK
Proposed Channel 3.4b	2	1 x 1.1	1.10	3.20	41.0	0.34	6.0	5.2	4.24	4.01	173	4.462	5.130	2.33	86.99	OK
Proposed Channel 3.4c	2	1 x 1.1	1.10	3.20	41.0	0.34	5.2	4.4	3.51	3.27	173	4.462	5.130	2.33	86.99	OK

Ref.	Calculation

5.0. Determine the Size of the Proposed Pipes

5.1. Determine the Size of the Proposed Pipe Connecting the peripheral drain to the Existing Drainage Network

New proposed pipes will be proposed to divert the surface runoff collected from the development to the existing drainage network.

$$V = -\sqrt{32gRSf}\log\left[\frac{ks}{14.8R} + \frac{1.255\nu}{R\sqrt{32gRSf}}\right]$$

Use the Colebrook-White Equation to Determine the Drainage Capacity

Assumptions:
1. Pipe Roughness is 3.00 mm
2. Transitional flow and water at 15 degree Celsius, i.e. kinematic viscosity is 1.14 x 10-6 m2/s.

Full-bore capacity for Proposed Pipe 1.3A:

Pipe Diameter	900	mm
Pipe Roughness	3	mm
Length of Pipe	3.2	m
Upstream Invert	10.17	mPD
Downstream Invert	10.15	mPD
Hydraulic Gradient, Sf	0.006	
Gradient 1 in	166.667	
Full-bore capacity	1.26	m^3/s and velocity of 1.98 m/s

The future flow of	0.34	m^3/s	is	26.8%	of the full-bore capacity of	1.26	m^3/s	**OK!**

The proposed Pipe 1.3A is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 10 years storm event.

The future flow of	0.43	m^3/s	is	34.2%	of the full-bore capacity of	1.26	m^3/s	**OK!**

The proposed Pipe 1.3A is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 50 years storm event.

The future flow of	0.48	m^3/s	is	38.2%	of the full-bore capacity of	1.26	m^3/s	**OK!**

The proposed Pipe 1.3A is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 200 years storm event.

Full-bore capacity for Proposed Pipe 1.3B:

Pipe Diameter	900	mm
Pipe Roughness	3	mm
Length of Pipe	15	m
Upstream Invert	8.64	mPD
Downstream Invert	8.55	mPD
Hydraulic Gradient, Sf	0.006	
Gradient 1 in	166.667	
Full-bore capacity	1.26	m^3/s and velocity of 1.98 m/s

The future flow of	0.34	m^3/s	is	26.8%	of the full-bore capacity of	1.26	m^3/s	**OK!**

The proposed Pipe 1.3B is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 10 years storm event.

The future flow of	0.43	m^3/s	is	34.2%	of the full-bore capacity of	1.26	m^3/s	**OK!**

The proposed Pipe 1.3B is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 50 years storm event.

The future flow of	0.48	m^3/s	is	38.2%	of the full-bore capacity of	1.26	m^3/s	**OK!**

The proposed Pipe 1.3B is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 200 years storm event.

Full-bore capacity for Proposed Pipe 3.1.1 (Proposed Pipe 3.1.1 will be connected to Channel 3.1c with a backdrop manhole type 1):

Pipe Diameter	1350	mm
Pipe Roughness	3	mm
Length of Pipe	1.00	m
Upstream Invert	8.58	mPD
Downstream Invert	8.57	mPD
Hydraulic Gradient, Sf	0.008	
Gradient 1 in	130.000	
Full-bore capacity	4.16	m^3/s and velocity of 2.91 m/s

The future flow of	0.99	m^3/s	is	23.7%	of the full-bore capacity of	4.16	m^3/s	**OK!**

The Proposed Pipe 3.1.1 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 10 years storm event.

The future flow of	1.25	m^3/s	is	30.1%	of the full-bore capacity of	4.16	m^3/s	**OK!**

The Proposed Pipe 3.1.1 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 50 years storm event.

The future flow of	1.39	m^3/s	is	33.5%	of the full-bore capacity of	4.16	m^3/s	**OK!**

The Proposed Pipe 3.1.1 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 200 years storm event.

Full-bore capacity for Proposed Pipe 3.1.2 (Proposed Pipe 3.1.2 will be connected to Pipe 3.1.1 with a backdrop manhole type 2):

Pipe Diameter	1350	mm
Pipe Roughness	3	mm
Length of Pipe	5.70	m
Upstream Invert	6.77	mPD
Downstream Invert	6.72	mPD
Hydraulic Gradient, Sf	0.008	
Gradient 1 in	130.000	
Full-bore capacity	4.16	m^3/s and velocity of 2.91 m/s

The future flow of	0.99	m^3/s	is	23.7%	of the full-bore capacity of	4.16	m^3/s	**OK!**

The proposed Pipe 3.1.2 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 10 years storm event.

The future flow of	1.25	m^3/s	is	30.1%	of the full-bore capacity of	4.16	m^3/s	**OK!**

The proposed Pipe 3.1.2 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 50 years storm event.

The future flow of	1.39	m^3/s	is	33.5%	of the full-bore capacity of	4.16	m^3/s	**OK!**

The proposed Pipe 3.1.2 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 200 years storm event.

Full-bore capacity for Proposed Pipe 3.1.3 (Proposed Pipe 3.1.3 will be connected to Pipe 3.1.2 with a backdrop manhole type 2):

Pipe Diameter	1350	mm
Pipe Roughness	3	mm
Length of Pipe	5.70	m
Upstream Invert	4.83	mPD
Downstream Invert	4.79	mPD
Hydraulic Gradient, Sf	0.007	
Gradient 1 in	142.500	
Full-bore capacity	3.97	m^3/s and velocity of 2.77 m/s

The future flow of	0.99	m^3/s	is	24.8%	of the full-bore capacity of	3.97	m^3/s	**OK!**

The proposed Pipe 3.1.3 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 10 years storm event.

The future flow of	1.25	m^3/s	is	31.5%	of the full-bore capacity of	3.97	m^3/s	**OK!**

The proposed Pipe 3.1.3 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 50 years storm event.

The future flow of	1.39	m^3/s	is	35.1%	of the full-bore capacity of	3.97	m^3/s	**OK!**

The proposed Pipe 3.1.3 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 200 years storm event.

Ref.	Calculation

Full-bore capacity for Proposed Pipe 3.2.1 (Proposed Pipe 3.2.1 will be connected to Channel 3.2c with a backdrop manhole type 1):

Pipe Diameter	1350	mm
Pipe Roughness	3	mm
Length of Pipe	3.58	m
Upstream Invert	7.13	mPD
Downstream Invert	7.10	mPD
Hydraulic Gradient, Sf	0.008	
Gradient 1 in	123.000	
Full-bore capacity	4.28	m^3/s and velocity of 2.99 m/s

The future flow of 2.55 m^3/s is 59.7% of the full-bore capacity of 4.28 m^3/s **OK!**

The proposed Pipe 3.2.1 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 10 years storm event.

The future flow of 3.24 m^3/s is 75.8% of the full-bore capacity of 4.28 m^3/s **OK!**

The proposed Pipe 3.2.1 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 50 years storm event.

The future flow of 3.61 m^3/s is 84.4% of the full-bore capacity of 4.28 m^3/s **OK!**

The proposed Pipe 3.2.1 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 200 years storm event.

Full-bore capacity for Proposed Pipe 3.2.2 (Proposed Pipe 3.2.2 will be connected to Pipe 3.2.1 with a backdrop manhole type 2):

Pipe Diameter	1350	mm
Pipe Roughness	3	mm
Length of Pipe	8.22	m
Upstream Invert	5.01	mPD
Downstream Invert	4.95	mPD
Hydraulic Gradient, Sf	0.007	
Gradient 1 in	149.455	
Full-bore capacity	3.88	m^3/s and velocity of 2.71 m/s

The future flow of 2.55 m^3/s is 65.8% of the full-bore capacity of 3.88 m^3/s **OK!**

The proposed Pipe 3.2.2 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 10 years storm event.

The future flow of 3.24 m^3/s is 83.5% of the full-bore capacity of 3.88 m^3/s **OK!**

The proposed Pipe 3.2.2 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 50 years storm event.

The future flow of 3.61 m^3/s is 93.0% of the full-bore capacity of 3.88 m^3/s **NOT OK!**

The proposed Pipe 3.2.2 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 200 years storm event.

Full-bore capacity for Proposed Pipe 3.3.1 (Proposed Pipe 3.3.1 will be connected to Channel 3.3c with a backdrop manhole type 1):

Pipe Diameter	1500	mm
Pipe Roughness	3	mm
Length of Pipe	7.64	m
Upstream Invert	4.57	mPD
Downstream Invert	4.52	mPD
Hydraulic Gradient, Sf	0.007	
Gradient 1 in	152.800	
Full-bore capacity	5.06	m^3/s and velocity of 2.86 m/s

The future flow of 3.02 m^3/s is 59.7% of the full-bore capacity of 5.06 m^3/s **OK!**

The proposed Pipe 3.3.1 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 10 years storm event.

The future flow of 3.84 m^3/s is 75.8% of the full-bore capacity of 5.06 m^3/s **OK!**

The proposed Pipe 3.3.1 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 50 years storm event.

The future flow of 4.27 m^3/s is 84.4% of the full-bore capacity of 5.06 m^3/s **OK!**

The proposed Pipe 3.3.1 is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 200 years storm event.

5. Conclusion

(1) The proposed open channels have sufficient capacity to collect the peak flow from catchments.
(2) The proposed pipes have sufficient capacity to collect the peak flow from proposed open channels to the proposed box culvert/ the existing stream course.

Appendix J - Backwater Effect on Proposed Associated Pipes

Part II

Aim: To calculate the backwater level from proposed box culvert to check whether the proposed Pipes are affected by back water effect

Manning Coefficient of the Concrete Pipe
0.016 SDM, Table 13

Refer to DIA Report for the catchment area of the concerned drainage system

$$Sf = \left(\frac{\overline{V}n}{R^{2/3}}\right)^2$$

Only pipes 3.1.3, 3.2.2 and 3.3.1 will likely be submerged under high flood return period. Thus, backwater effect is only provided for the identified pipes likely have backwater effect.
*Downstream water levels are the maximium water level extracted from the hydraulic model in Appendix H of this DIA Report or the normal flow depth of the pipe.

Water Level of Proposed Associated Pipes under 10A

Pipe	Flow Area (m^2)	Wetted Perimeter (m)	Length of Pipe (m)	Manning Coef.	Hydraulic Gradient	Water Depth (m)	Q (m^3/s)	Angle (˚)	Velocity (m/s)	US I.L. (mPD)	DS I.L. (mPD)	**US Water Level (mPD)**	**DS Water Level (mPD)**	Gradient of Pipe	Pipe Size (m)	**US Ground Level (mPD)**	**DS Ground Level (mPD)**	**US Freeboard (m)**	**DS Freeboard (m)**
Pipe 3.1.3	1.43	4.24	5.70	0.016	0.0005	1.36	0.99	360.00	0.7	4.83	4.79	**6.15**	**6.15**	0.0070	1.35	**11.39**	**9.00**	**5.24**	**2.86**
Pipe 3.2.2	0.92	2.42	8.22	0.016	0.0072	0.83	2.55	205.79	2.8	5.01	4.95	**5.84**	**5.78**	0.0073	1.35	**9.66**	**8.00**	**3.82**	**2.22**
Pipe 3.3.1	1.07	2.61	7.64	0.016	0.0066	0.88	3.02	199.58	2.8	4.57	4.52	**5.45**	**5.40**	0.0065	1.50	**7.50**	**7.50**	**2.05**	**2.10**

Water Level of Proposed Associated Pipes under 10B

Pipe	Flow Area (m^2)	Wetted Perimeter (m)	Length of Pipe (m)	Manning Coef.	Hydraulic Gradient	Water Depth (m)	Q (m^3/s)	Angle (˚)	Velocity (m/s)	US I.L. (mPD)	DS I.L. (mPD)	**US Water Level (mPD)**	**DS Water Level (mPD)**	Gradient of Pipe	Pipe Size (m)	**US Ground Level (mPD)**	**DS Ground Level (mPD)**	**US Freeboard (m)**	**DS Freeboard (m)**
Pipe 3.1.3	0.75	2.16	5.70	0.016	0.0008	0.70	0.66	183.74	0.9	4.83	4.79	**5.49**	**5.49**	0.0070	1.35	**11.39**	**9.00**	**5.90**	**3.51**
Pipe 3.2.2	0.68	2.06	8.22	0.016	0.0074	0.65	1.72	174.91	2.5	5.01	4.95	**5.66**	**5.60**	0.0073	1.35	**9.66**	**8.00**	**4.00**	**2.40**
Pipe 3.3.1	0.80	2.24	7.64	0.016	0.0066	0.69	2.04	171.47	2.5	4.57	4.52	**5.26**	**5.21**	0.0065	1.50	**7.50**	**7.50**	**2.24**	**2.29**

Water Level of Proposed Associated Pipes under 50A

Pipe	Flow Area (m^2)	Wetted Perimeter (m)	Length of Pipe (m)	Manning Coef.	Hydraulic Gradient	Water Depth (m)	Q (m^3/s)	Angle (˚)	Velocity (m/s)	US I.L. (mPD)	DS I.L. (mPD)	**US Water Level (mPD)**	**DS Water Level (mPD)**	Gradient of Pipe	Pipe Size (m)	**US Ground Level (mPD)**	**DS Ground Level (mPD)**	**US Freeboard (m)**	**DS Freeboard (m)**
Pipe 3.1.3	1.43	4.24	5.70	0.016	0.0008	2.18	1.25	360.00	0.9	4.83	4.79	**6.97**	**6.97**	0.0070	1.35	**11.39**	**9.00**	**4.42**	**2.03**
Pipe 3.2.2	1.28	3.13	8.22	0.016	0.0054	1.13	3.24	265.46	2.5	5.01	4.95	**6.13**	**6.08**	0.0073	1.35	**9.66**	**8.00**	**3.53**	**1.92**
Pipe 3.3.1	1.66	3.70	7.64	0.016	0.0040	1.34	3.84	282.77	2.3	4.57	4.52	**5.89**	**5.86**	0.0065	1.50	**7.50**	**7.50**	**1.61**	**1.64**

Water Level of Proposed Associated Pipes under 50B

Pipe	Flow Area (m^2)	Wetted Perimeter (m)	Length of Pipe (m)	Manning Coef.	Hydraulic Gradient	Water Depth (m)	Q (m^3/s)	Angle (˚)	Velocity (m/s)	US I.L. (mPD)	DS I.L. (mPD)	**US Water Level (mPD)**	**DS Water Level (mPD)**	Gradient of Pipe	Pipe Size (m)	**US Ground Level (mPD)**	**DS Ground Level (mPD)**	**US Freeboard (m)**	**DS Freeboard (m)**
Pipe 3.1.3	1.43	4.24	5.70	0.016	0.0005	2.14	0.99	360.00	0.7	4.83	4.79	**6.93**	**6.93**	0.0070	1.35	**11.39**	**9.00**	**4.46**	**2.07**
Pipe 3.2.2	1.43	4.24	8.22	0.016	0.0035	1.41	2.55	360.00	1.8	5.01	4.95	**6.39**	**6.36**	0.0073	1.35	**9.66**	**8.00**	**3.27**	**1.64**
Pipe 3.3.1	1.77	4.71	7.64	0.016	0.0028	1.66	3.02	360.00	1.7	4.57	4.52	**6.20**	**6.18**	0.0065	1.50	**7.50**	**7.50**	**1.30**	**1.32**

Water Level of Proposed Associated Pipes under 200A

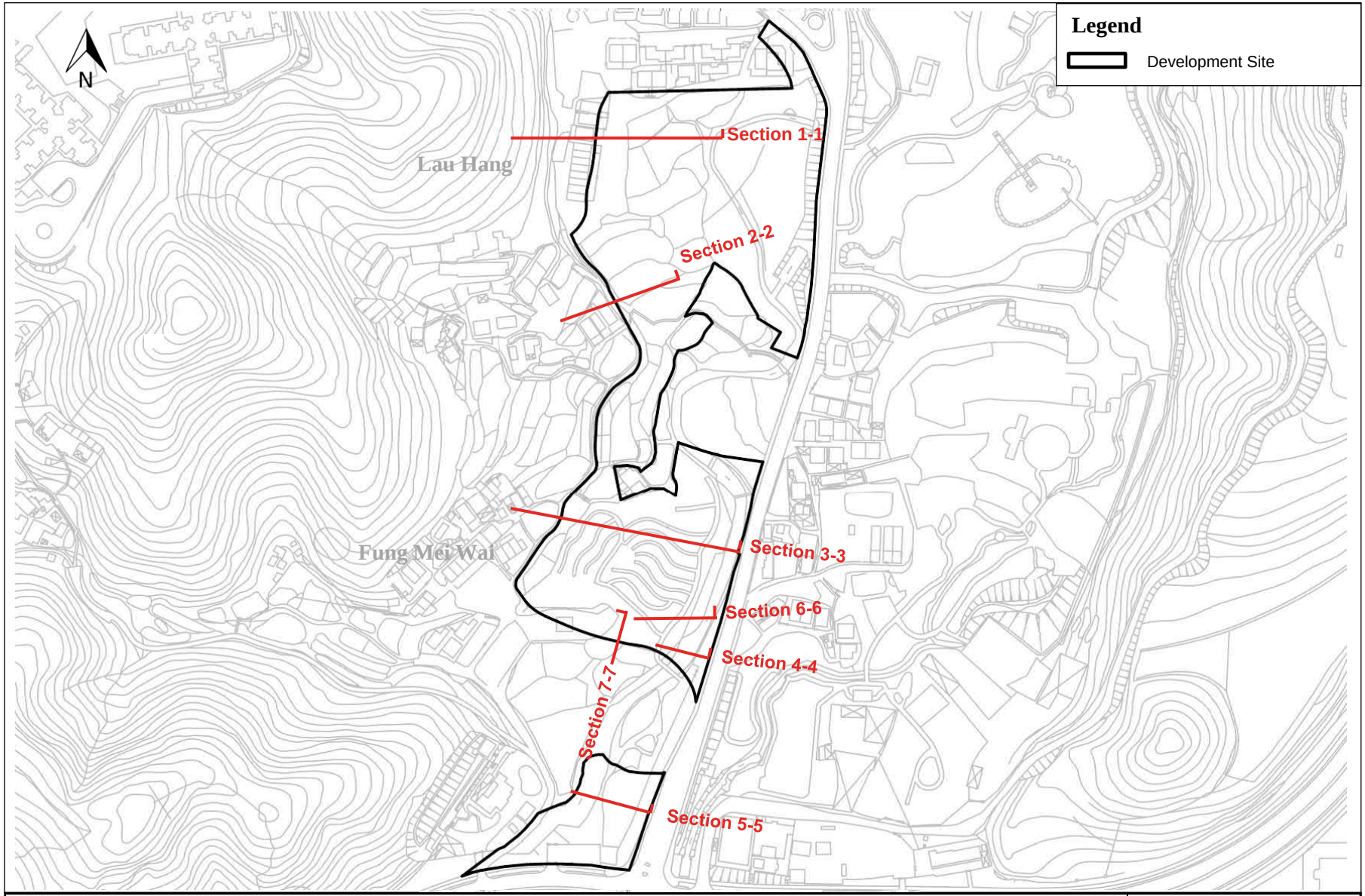
Pipe	Flow Area (m^2)	Wetted Perimeter (m)	Length of Pipe (m)	Manning Coef.	Hydraulic Gradient	Water Depth (m)	Q (m^3/s)	Angle (˚)	Velocity (m/s)	US I.L. (mPD)	DS I.L. (mPD)	**US Water Level (mPD)**	**DS Water Level (mPD)**	Gradient of Pipe	Pipe Size (m)	**US Ground Level (mPD)**	**DS Ground Level (mPD)**	**US Freeboard (m)**	**DS Freeboard (m)**
Pipe 3.1.3	1.43	4.24	5.70	0.016	0.0010	2.57	1.39	360.00	1.0	4.83	4.79	**7.37**	**7.36**	0.0070	1.35	**11.39**	**9.00**	**4.02**	**1.64**
Pipe 3.2.2	1.43	4.24	8.22	0.016	0.0069	1.51	3.61	360.00	2.5	5.01	4.95	**6.52**	**6.46**	0.0073	1.35	**9.66**	**8.00**	**3.14**	**1.54**
Pipe 3.3.1	1.77	4.71	7.64	0.016	0.0055	1.60	4.27	360.00	2.4	4.57	4.52	**6.21**	**6.17**	0.0065	1.50	**7.50**	**7.50**	**1.29**	**1.33**

Water Level of Proposed Associated Pipes under 200B

Pipe	Flow Area (m^2)	Wetted Perimeter (m)	Length of Pipe (m)	Manning Coef.	Hydraulic Gradient	Water Depth (m)	Q (m^3/s)	Angle (˚)	Velocity (m/s)	US I.L. (mPD)	DS I.L. (mPD)	**US Water Level (mPD)**	**DS Water Level (mPD)**	Gradient of Pipe	Pipe Size (m)	**US Ground Level (mPD)**	**DS Ground Level (mPD)**	**US Freeboard (m)**	**DS Freeboard (m)**
Pipe 3.1.3	1.43	4.24	5.70	0.016	0.0005	2.98	0.99	360.00	0.7	4.83	4.79	**7.77**	**7.77**	0.0070	1.35	**11.39**	**9.00**	**3.62**	**1.24**
Pipe 3.2.2	1.43	4.24	8.22	0.016	0.0035	2.27	2.55	360.00	1.8	5.01	4.95	**7.25**	**7.22**	0.0073	1.35	**9.66**	**8.00**	**2.41**	**0.78**
Pipe 3.3.1	1.77	4.71	7.64	0.016	0.0028	2.53	3.02	360.00	1.7	4.57	4.52	**7.07**	**7.05**	0.0065	1.50	**7.50**	**7.50**	**0.43**	**0.45**

Appendix K

Sectional Views of Proposed Mitigation Measures



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Sectional Views of Proposed Mitigation Measures**

Date	Scale	File
Sep 2025	N.T.S.	

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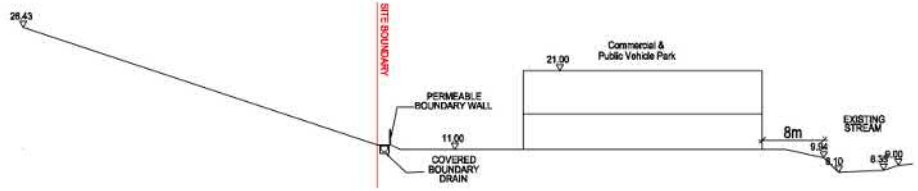
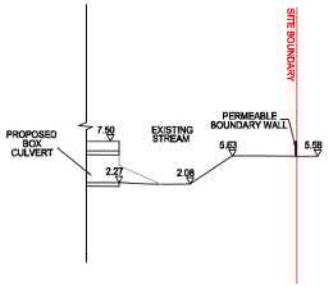
Appendix K



SECTION 1 - 1



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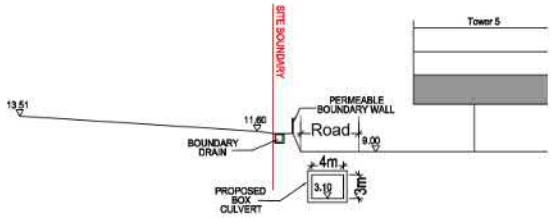

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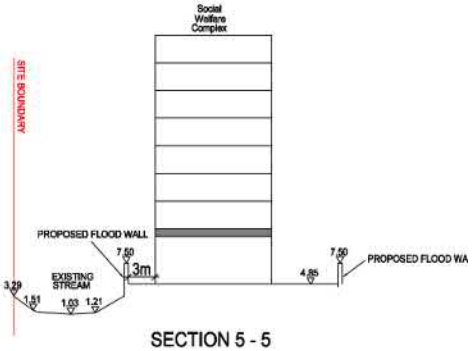

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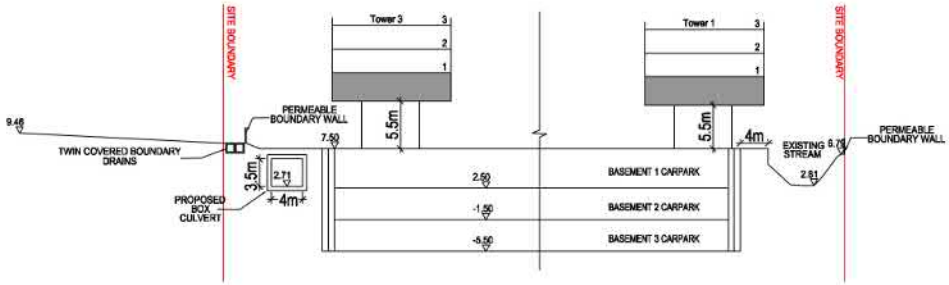
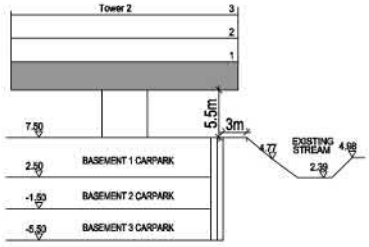
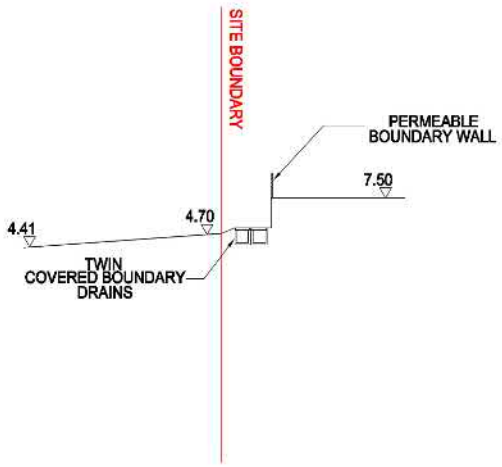


SECTION 3 - 3



SCETION 6 - 6

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Sectional Views of Proposed Mitigation Measures**	**Appendix K**
Date Sep 2025	**Scale** N.T.S.	**File**



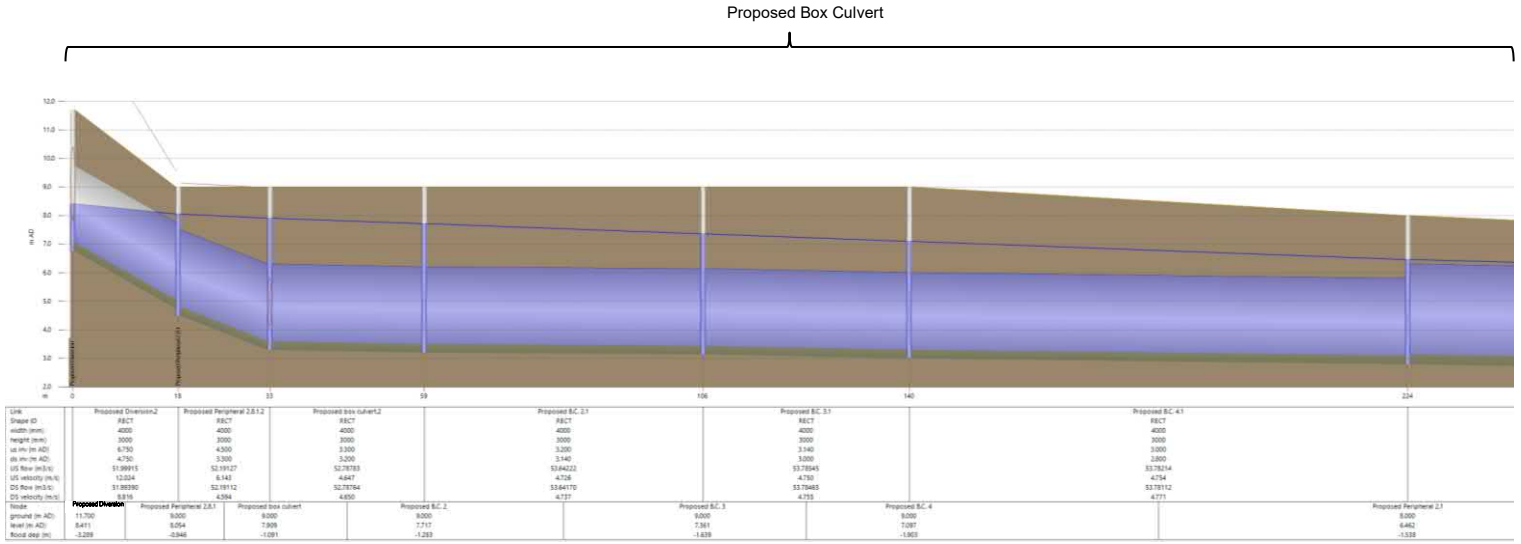
SECTION 7 - 7

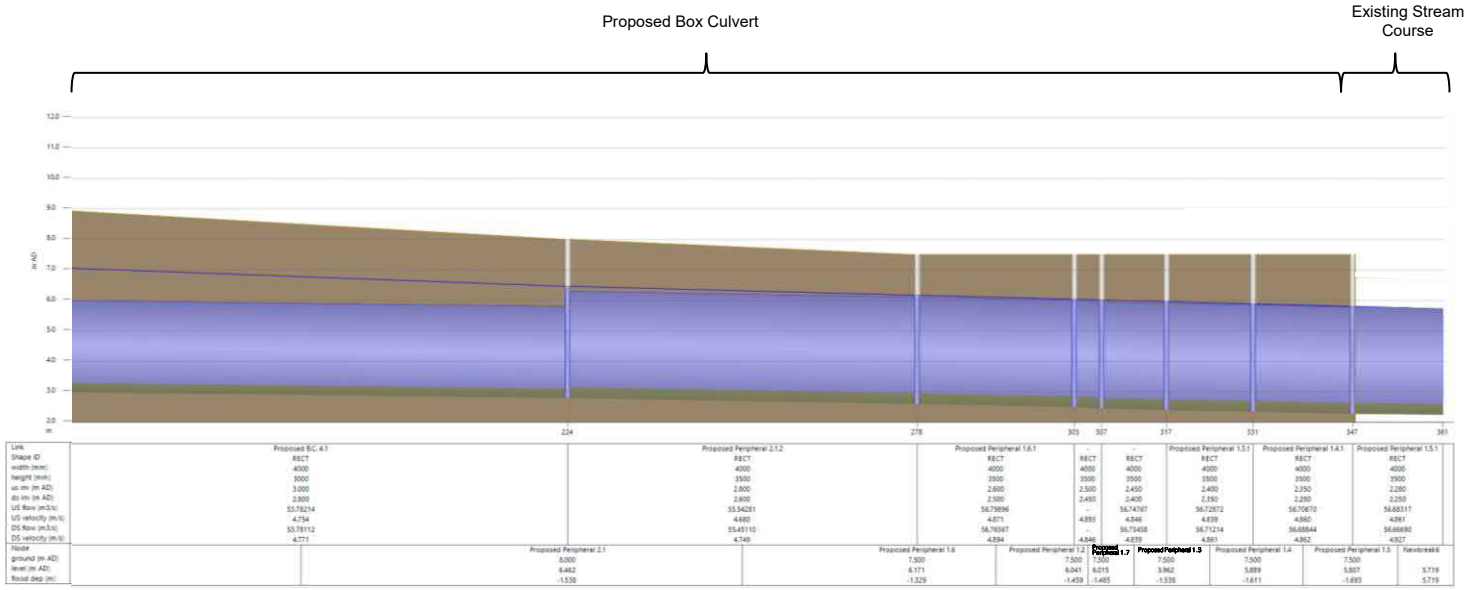
Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**	MOTT MACDONALD
Title	**Sectional Views of Proposed Mitigation Measures**	**Appendix K**
Date Sep 2025	**Scale** N.T.S.	**File**

Appendix L

Hydraulic Profile of the Proposed Box Culvert at 200-year Flood Event

200A





Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Hydraulic Profile of the Proposed Box Culvert at 200-year Flood Event**
Date Sep 2025	**Scale** N.T.S.
File	

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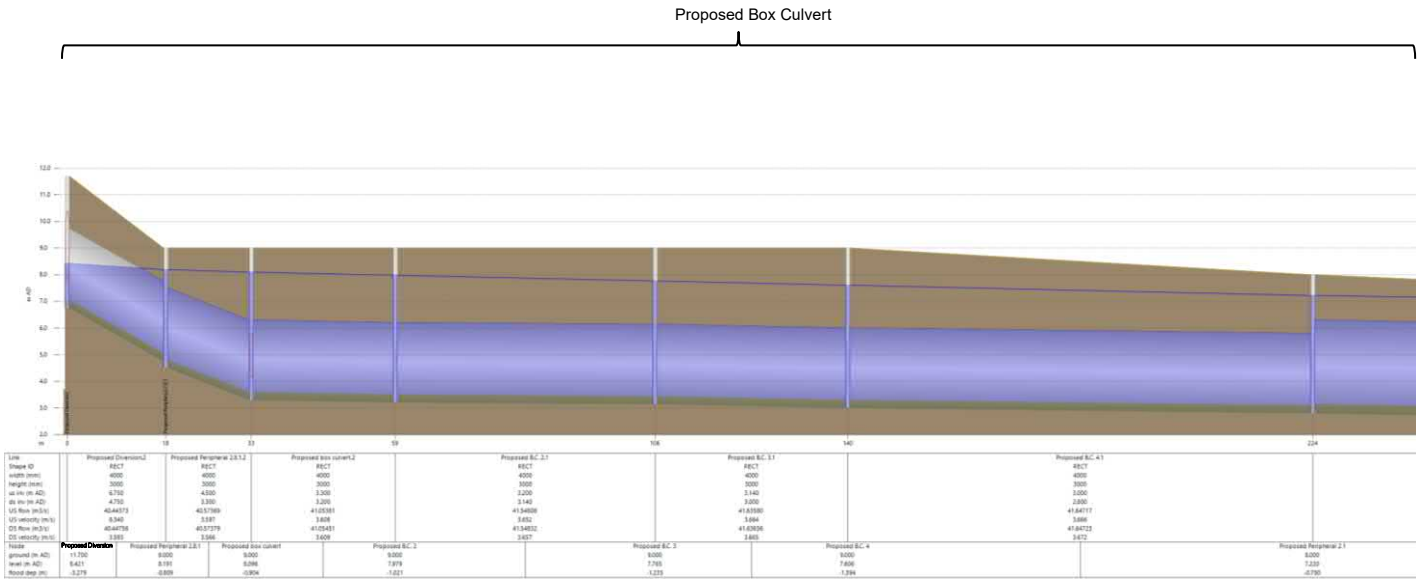
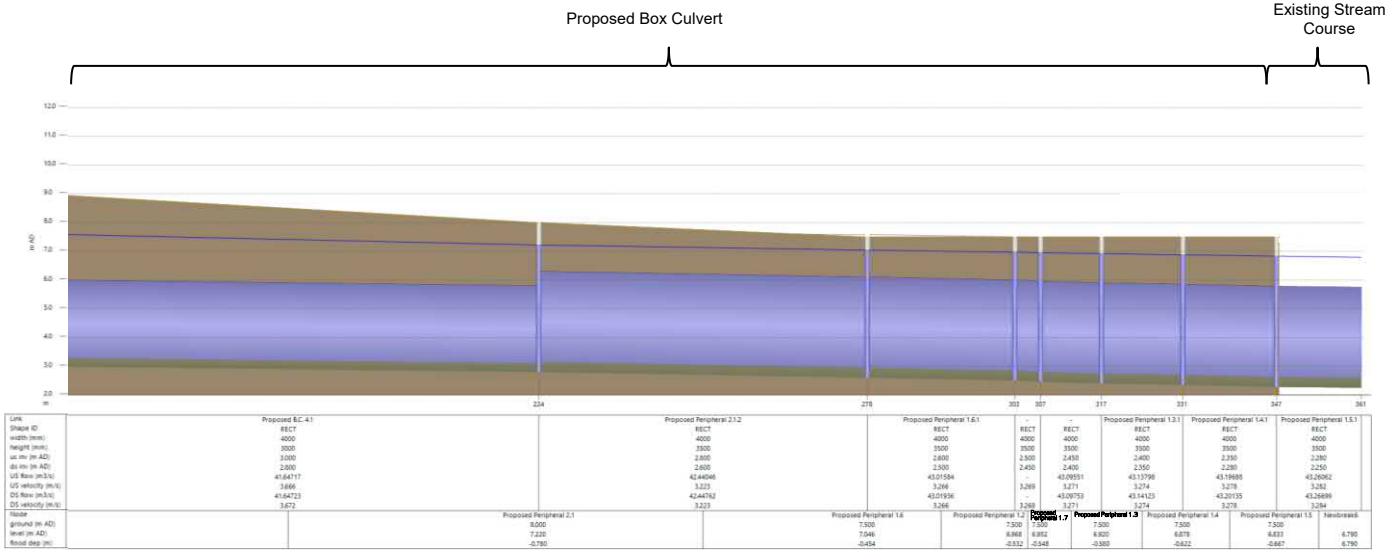
Appendix L

200B





Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Hydraulic Profile of the Proposed Box Culvert at 200-year Flood Event**
Date Sep 2025	**Scale** N.T.S. **File**

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Appendix L

Appendix L1

Hydraulic Calculation for Area (B) Proposed Drainage System

Appendix L1 - Hydraulic Calculation for Area (B) Proposed Drainage System

Ref.	Calculation

Objective Determine the runoff of Area (B) that will be collected by the internal drain.

Methodology

1. Determine the runoff from subcatchments by extracting from the results of hydraulic model
2. Use the Colebrook-White Equation to determine the drainage capacity and check against the design flow

3. According to the Stormwater Drainage Manual (SDM), the design return period of drainage system for village zone is 10-year. To prevent flooding in the nearby village area, this hydraulic check will also be checked for the design return periods of 50-year and 200-year.

1. Runoff from Nearby Catchments Extracted from the Hydraulic Model

Refer to Appendix C2 for the catchment plan for proposed condition.
Runoff is extracted from hydraulic model as attached in Appendix H of this DIA Report.

		Runoff from rainfall event (m^3/s)				
Sub Catchment ID	Total Catchment Areas(m^2)	2-year	10-year	50-year	200-year	Collected By Proposed Drainage System
Catchment_SWC	1,122	0.060	0.078	0.091	0.098	100% runoff will be collected by internal drain, thus discharged to the existing stream course.

2. Determine the Size of the Proposed Pipes

Newly proposed pipes will be proposed to discharge the surface runoff collected from Area (B) to the existing stream course.

$$V = -\sqrt{32gRSf}\log\left[\frac{ks}{14.8R} + \frac{1.255\nu}{R\sqrt{32gRSf}}\right]$$

Use the Colebrook-White Equation to Determine the Drainage Capacity

Assumptions:
1. Pipe Roughness is 3.00 mm
2. Transitional flow and water at 15 degree Celsius, i.e. kinematic viscosity is 1.14 x 10-6 m2/s.

Full-bore capacity for Proposed Pipe:

Pipe Diameter	450	mm
Pipe Roughness	3	mm
Length of Pipe	10	m
Upstream Invert	2.69	mPD
Downstream Invert	2.65	mPD
Hydraulic Gradient, Sf	0.004	
Gradient 1 in	250	
Full-bore capacity	0.16	m^3/s and velocity of 1.03 m/s

The future flow of 0.078 m^3/s is 47.6% of the full-bore capacity of 0.16 m^3/s **OK!**

The proposed Pipe is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 10 years storm event.

The future flow of 0.091 m^3/s is 55.7% of the full-bore capacity of 0.16 m^3/s **OK!**

The proposed Pipe is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 50 years storm event.

The future flow of 0.098 m^3/s is 59.7% of the full-bore capacity of 0.16 m^3/s **OK!**

The proposed Pipe is capable of conveying the future flow while maintaining 10% flow capacity allowance for siltation under 1 in 200 years storm event.

3. Conclusion

(1) The proposed pipe has sufficient capacity to collect the peak flow from Area (B) to the existing stream course.

Appendix M

Conceptual Interim Drainage Arrangement for Construction Phases

1 Background

1.1.1 To minimise flood risk in association with the construction phase of the proposed Development, a conceptual interim drainage arrangement for construction stage including site formation stage and phasing of works for the proposed development and to support the S12A Planning Application stage has been formulated. All the information in this appendix, including but not limit to phasing of works and time of works, is tentative and subject to further update, if necessary, based on the future detailed design and Contractor actual construction arrangement for the final development layout.

1.1.2 The proposed Development will include the residential development with retail and public vehicle park facilities in Area (A) Phase I; residential development in Area (A) Phase II; and a Social Welfare Complex (SWC) consisting of a 150-place Residential Care Home for the Elderly ("RCHE") and a 30-place Day Care Unit ("DCU") for the Elderly in Area (B).

1.1.3 This appendix will demonstrate that the flow path of the neighbouring areas to the existing stream course has been properly maintained, with the provision of the proposed interim drainage system, during construction stage.

2 Construction Sequence and Design Criteria and Parameters for Interim Drainage

2.1 Approach

2.1.1 As discussed above, there are three main areas of the proposed development, including the residential development with retail and public vehicle park facilities in Area (A) Phase I, residential development in Area (A) Phase II and a Social Welfare Complex (SWC) in Area (B). In view of that the existing stream course is passing through the developments of Area (A) Phase I and Area (A) Phase II, the phasing of construction of the proposed development are thoughtfully considered to avoid causing any adverse impacts to the existing stream course and the nearby villages. For Area (B), the works of SWC does not touch on the existing stream course, therefore, no diversion works for Area (B) development are required and no adverse impacts on flow path to nearby area are anticipated with provision of proper site drainage during construction.

2.1.2 This appendix will discuss the interim drainage arrangement for maintaining the flow path of the neighbouring areas to the existing stream course during construction. Since the developments of Area (A) Phase I and Area (A) Phase II will be developed separately with a time lag of about 1 year. In order to maintain the flow path of nearby areas and minimise the impact to existing stream course, before major construction activities to be carried out on site, for the development of Area (A) Phase I that will be implemented earlier, surface channels as proposed under the DIA as shown in **Annex 2** will be provided along the west site boundary for collecting runoff of the neighbouring areas back to the existing stream course. This set of surface channels will be used for both construction stage and subsequent implementation stage. For the development of Area (A) Phase II that will be implemented later, a set of interim drainage in form of two surface channels will be provided during construction. For Area (B), an interim drainage in form of a surface channel as shown in **Annex 2** will be provided for collecting surroundings runoff to the existing stream course during the construction stage. Also, the construction activities that will affect/ in close vicinity of the existing stream course are carefully scheduled and will be constructed in dry seasons. The detailed construction sequences are discussed in **Table 2.1** below and illustrated in **Annex 1**.

2.1.3 Since the DIA has demonstrated that the permanent boundary channels for the development of Area (A) Phase I have sufficient capacity for serving the surrounding areas, hydraulic check for the surface channels is not required for this appendix. To demonstrate that sufficient capacity of interim drainage for the developments of Area (A) Phase II and Area (B) will be provided during construction, hydraulic calculation will be provided on the proposed interim drainages along the site boundary of the developments of Area (A) Phase II and Area (B) during construction. The assessment criteria and design parameters for the interim drainages are discussed in **Section 2.3** below.

2.2 Construction Sequence

2.2.1 A tentative construction sequence for the proposed works in the developments of Area (A) Phase I, Area (A) Phase II and Area (B) is summarised in **Table 2.1**. The works in

the developments of Area (A) Phase I and Area (B) are anticipated to be completed by the mid of 2029 while the works in the development of Area (A) Phase II are anticipated to commence 1 year later and will be completed in late 2030. An overview of the drainage facilities in the development of Area (A) Phase I, Area (A) Phase II and Area (B) upon the completion of works are presented in Figure 5 of **Annex 1**.

Table 2.1: Tentative construction sequence of proposed works in the developments of Area (A) Phase I, Area (A) Phase II and Area (B)

Phase	Tentative Construction Period	Major Construction Works	Remark(s)
Stage 1 **(Figure 1 of Annex 1)**	Q4 2026 to Q1 2027 (Wet season & Dry season)	**Area (A) Phase I and Area (B):-** • Site preparation; • Site investigation works; • Site clearance and set up; • Construction of vehicular bridge access to the site in Area (A) Phase I (carried within dry season, i.e. Dec 2026 to Mar 2027); • Construction of surface drainage channels along site boundary in Area (A) Phase I; • Construction of interim drainage along site boundary in Area (B); and • Demolition of unused footbridges in Area (A) Phase I (Structures B, C, D and E) at east and south of site (carried out within dry season, i.e. Dec 2026 to Mar 2027).	• Prefabricated single span bridge will be used to decked over the existing stream course; and lifting and erection of the bridge will be carried out during dry season; • Surface drainage channels along site boundary in Area (A) Phase I and interim drainage in Area (B) in form of concrete channels will be constructed from downstream to upstream for early usage of completed section of surface drainage channels / interim channels; • Overland flow from the nearby area/ flow from the works area will be pumped to the existing stream course; • Site runoff will be collected by site drainage which will be designed in accordance with DSD Technical Circular No. 1/2017 and ProPECC PN 1/94 “Environmental Protection Department Practice Note for Profession Persons”, desilting facilities such as silt trap will be provided to remove sand/silt particles from runoff prior to discharge according to ProPECC PN 1/94, and the discharge location(s) will be agreed by the relevant departments such as EPD and HAD; and • The existing stream course will be maintained as prefabricated bridge has been used for the access and there the flow of existing stream course will be kept.
Stage 2 **(Figure 2 of Annex 1)**	Q2 2027 to Q1 2028 (Wet seasons & Dry seasons)	**Area (A) Phase I and Area (B):-** • Excavation; • Piling works; • Construction of basement; • Site formation works and general underground works; and • Construction of partial permanent box culvert in Area (A) Phase I. **Area (A) Phase II:-** • Site preparation; • Site investigation works; • Site clearance and set up; and • Construction of interim drainage along site boundary in Area (A) Phase II.	• Flow of the existing stream course will be kept as it is, except for the works of Stage 2A; • Overland flow from the nearby area will be intercepted by the surface drainage channels / interim drainage; • Runoff from works area will be pumped and discharged to the existing stream course; • Site runoff will be collected by site drainage which will be designed in accordance with DSD Technical Circular No. 1/2017 and ProPECC PN 1/94, desilting facilities such as silt trap will be provided to remove sand/silt particles from runoff prior to discharge according to ProPECC PN 1/94, and the discharge location(s) will be agreed by the relevant departments such as EPD and HAD.
Stage 2A **(Figure 2A of Annex 1)**	Nov 2027 to Mar 2028 (Dry season)	• Construction of permanent box culvert outlet for connecting to the existing stream course in Area (A) Phase I.	• Surface drainage channels / interim drainage will be same as Stage 2; and • Flow of the existing stream course will be kept as practicable as possible, local pumping will be deployed to pump the dry weather flow of the existing stream course at the box culvert outlet section to downstream, if required.
Stage 3 **(Figure 3 of Annex 1)**	Q2 2028 to Q2 2029 (Wet seasons & Dry seasons)	**Area (A) Phase I and Area (B):-** • Superstructure construction; • E&M installation; and • Interior fitting works. **Area (A) Phase II:-** • Excavation; • Piling works; and • Site formation works and general underground works.	• Flow of the existing stream course will be kept as it is, except for works under Stage 3A.2; • Overland flow from the nearby area will be intercepted by the surface drainage channels / interim drainage; • Runoff from works area will be pumped and discharged to the existing stream course; • Site runoff will be collected by site drainage which will be designed in accordance with DSD Technical Circular No. 1/2017 and ProPECC PN 1/94, desilting facilities such as silt trap will be provided to remove sand/silt particles from runoff prior to discharge according to ProPECC PN 1/94, and the discharge location(s) will be agreed by the relevant departments such as EPD and HAD.
Stage 3A **(Figure 3A.1 & 3A.2 of Annex 1)**	Nov 2028 to Mar 2029 (Dry season)	<u>Stage 3A.1</u> • Construction of the permanent 1650mm pipe which connect the upper section of the existing stream course to the permanent box culvert in Area (A) Phase I; and • Construction of the permanent flood wall in Area (B).	• Flow from the upper section of the existing stream course will be intercepted to the permanent box culvert after the construction of the permanent box culvert and permanent 1650mm pipe (See Figure 3A.1); • Pumping will be provided to divert the dry season flow from the existing 3.6m x 2.5m box culvert at Fung Yuen Road to the existing stream course; • Flow from existing 3.6m x 2.5m box culvert at Fung Yuen Road will be conveyed to the permanent box culvert and the permanent 1050mm pipe after the completion of works (See Figure 3A.2); • The lower section of the existing stream course will be maintained;

Phase	Tentative Construction Period	Major Construction Works	Remark(s)
		<u>Stage 3A.2</u> • Construction of the section of permanent box culvert in Area (A) Phase I for connecting to the existing 3.6m x 2.5m box culvert at Fung Yuen Road; • Construction of the permanent 1050mm pipe in Area (A) Phase I for connecting the existing 3.6m x 2.5m box culvert to the existing stream course; • Construction of the permanent channel and associated pipes in Area (A) Phase I for connecting to permanent drainages; and • Construction of the permanent flood wall in Area (B)	• Overland flow from the nearby area will be intercepted by the surface drainage channels / interim drainage, if necessary, pumping will be used to discharge dry season runoff from nearby areas to downstream completed drainage; • Runoff from works area will be pumped and discharged to the existing stream course/ downstream completed box culvert; • Site runoff will be collected by site drainage which will be designed in accordance with DSD Technical Circular No. 1/2017 and ProPECC PN 1/94, desilting facilities such as silt trap will be provided to remove sand/silt particles from runoff prior to discharge according to ProPECC PN 1/94, and the discharge location(s) will be agreed by the relevant departments such as EPD and HAD.
Stage 4 **(Figure 4 of Annex 1)**	Q3 2029 to Q4 2030 (Dry seasons & Wet Seasons)	**Area (A) Phase I and Area (B):-** • Works completed **Area (A) Phase II:-** • Superstructure construction; • E&M installation; and • Interior fitting works.	• Proposed permanent drainage in Area (A) Phase I and Area (B) in use; • Interim drainage for Area (A) Phase II will be same as Stage 3; • Overland flow from the nearby area will be intercepted by the interim drainage; • Runoff from works area will be pumped and discharged to the existing stream course; • Site runoff will be collected by site drainage which will be designed in accordance with DSD Technical Circular No. 1/2017 and ProPECC PN 1/94, desilting facilities such as silt trap will be provided to remove sand/silt particles from runoff prior to discharge according to ProPECC PN 1/94, and the discharge location(s) will be agreed by the relevant departments such as EPD and HAD.

2.3 Assessment Criteria

2.3.1 As discussed above, as the DIA has demonstrated that the permanent boundary channels for the development of Area (A) Phase I will have sufficient capacity for serving the surrounding areas, hydraulic check for the surface channels during construction stage for Area (A) is not repeated. For interim drainage in the developments of Area (A) Phase II and Area (B), the assessment criteria are based on the recommendations set out in the Stormwater Drainage Manual (SDM) – 5th Edition issued by DSD and SDM Corrigenda No. 1 /2024 and 2/2024. Since the construction of proposed development is tentatively carried out by stages between 2026 and 2030, and the neighbouring areas are mainly villages and agricultural lands, a 1 in 10 years rainfall return period that is adequate for protecting village areas has been adopted in the design and assessment of interim drainage system during the construction stage of the proposed development.

Design Modification due to Climate Change

2.3.2 As the proposed interim drainage system will be used for a few years (from 2026 to 2030), design for climate change is considered not necessary.

Design Runoff from Catchments for Interim Drainage

2.3.3 The runoffs of neighbouring catchments used for hydraulic check for the interim drainage system are extracted from the hydraulic model as attached in **Appendix H** of the DIA. Since the effect of climate change in End of 21st Century (i.e. Rainfall Increase: +16% + Design Allowance: +12.1% = +28.1%) has been considered in the hydraulic model in **Appendix H**, the peak runoff results extracted from the hydraulic model will be adjusted to determine the runoff without considering climate change effect. The following equation will be used to calculate the peak runoffs from catchments without considering climate change effect: -

$$Q2 = Q1/(1 + 28.1\%)$$

Q2 = Peak Runoff from 10 years rainfall event without considering climate change effect
*Q1 = Peak Runoff from 10 years rainfall event with considering climate change effect extracted from hydraulic model in **Appendix H***

2.3.4 The peak runoffs from nearby catchment under 10 years rainfall event with and without climate change effect are tabulated in **Table 2.2** and can be referred to **Annex 3**.

Table 2.2: Peak Runoffs from nearby catchment under 10 years rainfall event with and without Climate Change effect

Sub Catchment ID	Peak Runoff from rainfall event (m^3/s)	
	Considering Climate Change (Extracted from Hydraulic Model in Appendix H)	Without considering Climate Change
Catchment_SWC	0.0779	0.0608
Catchment_929A_P01 B -1	0.4049	0.3161
Catchment_Gov	0.3400	0.2654

Roughness

2.3.5 For proposed interim drainage system, manning's coefficient of roughness of 0.016 has been adopted for the proposed interim open channel.

3 Existing Drainage System

3.1 Existing Drainage System

3.1.1 The surface runoff from the existing catchments of the Development Site is currently discharged to a stream course passing through the Site that runs from the natural hillside area at the north of the Site up to the urbanized area at the south. Location of the stream course refers to **Appendix B1** of the DIA.

3.1.2 According to the topography, the runoff from the neighbouring areas, including Lau Hang (at about 11mPD to 15mPD) and Fung Mei Wai (at about 7mPD or above except some areas at South of Fung Mei Wai where the ground levels are ranged from a range of about 6mPD to 10mPD), is currently discharged to the existing stream course by overland flow. Under the existing condition, the Site currently serves as a flow path for collecting runoff from nearby villages to downstream of the stream.

3.2 Hydraulic Performance of Existing Drainage System

3.2.1 In accordance with the findings of DIA, the hydraulic performance of the existing stream course passing through the Site, in general, will flood even under 10 years flood return period.

4 Proposed Interim Drainage Arrangement During Construction

4.1 Proposed Interim Drainage Arrangement

4.1.1 During construction, the site runoff will be collected by site drainage which will be designed in accordance with DSD Technical Circular no. 1/2017 and ProPECC PN 1/94 “Environmental Protection Department Practice Note for Profession Persons” and will be pumped to the existing stream course for discharge. Desilting facilities such as sand traps, as per ProPECC PN 1/94 will be provided to remove the debris and sediment prior to discharging to stream course.

4.1.2 As discussed in **Section 2** and **Table 2.1**, the construction period for the proposed development is a few years, to maintain the flow path of nearby areas mainly for villages and agriculture use near the Site, surface drainage channels, as per permanent boundary drains of the proposed Development, will be provided for the development of Area (A) Phase I and interim drainage with discharge capacity for 10 years rainfall will be constructed for the developments of Area (A) Phase II and Area (B) at the beginning of construction stage for each area and will be provided throughout the construction stage. The construction of permanent boundary drainage channels in Area (A) Phase 1 should be completed in construction stage (Stage 1) before commencement of development works in the site. The proposed drainage for construction stage is shown in **Annex 2**.

4.1.3 On-site inspection will be carried out in the future detailed design and construction stage to verify all existing drainage pipes/ channels and ensure all existing drainage pipes/ channels are to be reconnected to the proposed/existing drainage system, as well as the existing flow paths will not be obstructed by the proposed works under the development. The existing runoff toward the existing drainage system on the site will be intercepted and redirected to the proposed/existing drainage system.

4.1.4 Also, to minimise impacts to the existing stream course, the following construction activities that will affect the existing stream course will be scheduled to be carried out in dry seasons only, these activities, with details given in **Section 4.3**, include: -

- Stage 1 – demolition of existing unused footbridges and construction of vehicular bridge access by prefabricated techniques;
- Stage 2A - construction of permanent box culvert outlet for connecting to stream course; and
- Stage 3A - construction of permanent 1650mm pipe for collecting the upstream stream course to the proposed box culvert, and the construction of new box culvert connection and permanent 1050mm pipe to the existing box culvert as well as construction of permanent channel and associated pipes for connecting to new box culvert.

4.2 Drainage Impact During Construction

4.2.1 According to **Section 3**, the Development Site is currently acting as a flow path for collecting runoff from nearby villages to the existing stream course via overland flow. In order to ensure the runoff from the nearby villages and agriculture lands are properly

conveyed to the existing stream course during the construction, surface drainage channels and interim drainage shown in **Annex 2** will be provided on the site boundary of the developments of Area (A) Phase I, Area (A) Phase II and Area (B) respectively to intercept the runoff from the nearby catchments.

4.2.2 Since the surface drainage channels for the development of Area (A) Phase I during construction stage will have arrangement same as the permanent boundary channels of the proposed Development, the surface channels will have adequate capacity to serve the surrounding areas. For the developments of Area (A) Phase II and Area (B), as the construction of the proposed development is anticipated to be about few years, the interim drainage designed for collecting the runoff from nearby villages and agriculture lands will be designed to have a discharge capacity for 1 in 10 years rainfall event that meet the requirement for village drainage under DSD Stormwater Drainage Manual.

4.2.3 During construction stage, there will be three sets of surface drainage channels for the development of Area (A) Phase I and two sets of interim drainage for the developments of Area (A) Phase II and Area (B) to collect the runoff from nearby villages and agriculture lands. Surface drainage channels in the development of Area (A) Phase I include channel 1.1, channel 1.2, and channels 3.1a to 3.4. The interim drainage covers Channel A.1 and A.2 for the development of Area (A) Phase II and channel B.1 for the development in Area (B). The proposed drainage for construction stage is shown in **Annex 2**. Channel 1.1, Channel 1.2 and Channels 3.1a to 3.4 follow the design of permanent boundary drains and will be kept after construction stage as permanent boundary drains. For Channels A.1, A.2 and B.1, they are interim drainage for construction stage.

4.2.4 Based on hydraulic calculation in **Annex 3**, the utilization of the interim drainage for the developments of Area (A) Phase II and Area (B) are less than 75% under 1 in 10 years storm, thus, it is considered that there will be no insurmountable drainage impacts during construction stage and the flow path of neighbouring areas can be maintained.

4.3 Construction Activities in Dry Seasons

4.3.1 As mentioned in **Section 4.1,** the following construction activities that will / may affect stream course will be scheduled to be carried out in dry seasons.

Stage 1 - Demolition of Existing Unused Footbridges and Construction of Vehicular Bridge Access by Prefabricated Techniques (Nov 2026 to Mar 2027)

4.3.2 To facilitate the future construction activities in the Site, the vehicular bridge access will be constructed in the first dry season, tentatively November 2026 to March 2027. To expedite the construction of vehicular bridge access and avoid hydraulic impact to the existing stream course, prefabricated single span bridge will be used to decked over the existing stream course to avoid obstruction of stream course. In case of necessary, pumping will be adopted to convey the dry weather flow of stream course to downstream side of the existing stream course. To further enhance the drainage conditions of the existing stream course, the existing river-crossing structures (B) to (E) that are currently obstructed the stream flow will be removed.

Stage 2A - Construction of Permanent Box Culvert Outlet for Connecting to Stream Course (Nov 2027 to Mar 2028)

4.3.3 While the proposed box culvert will be constructed from Q2 2027 to Q1 2028, the proposed box culvert outlet for connecting to stream course will be constructed in dry

season, tentatively in November 2027 to March 2028. During the construction in dry season, local pumping will be deployed to pump the dry weather flow of the existing stream course at the upstream of the works section to the downstream of the existing stream course, if needed.

Stage 3A.1 - Construction of Permanent 1650mm Pipe During Dry Season for Collecting the Upstream Stream Course to the Proposed Box Culvert (Nov 2028)

4.3.4 The majority of the proposed box culvert and its downstream outlet to the existing stream course will be completed in Stage 2, tentatively in Mar 2028, and can be used for discharging runoff from the Site, as well as ready for collecting diverted flow from existing upstream drainage systems. The proposed 1650mm for collecting runoff from upstream portion stream course will be constructed and connected to the proposed box culvert during dry season, tentative November 2028. Upon completion of construction of the proposed 1650mm pipe, the flow of the existing stream from the upper section of the existing stream course will be intercepted to the proposed box culvert for discharging back to downstream stream course. The proposed flood wall in Area (B) will be constructed during Stage 3A.

Stage 3A.2 - Construction of new Box Culvert Connection and Permanent 1050mm Pipe to the existing box culvert as well as construction of permanent boundary channels and associated pipes for connecting to new box culvert (Dec 2028 to Mar 2029)

4.3.5 With connection of the existing upstream stream course to the proposed box culvert, a localised section of the existing stream course at the immediately downstream of new 1650mm pipe will be removed for the construction of the remaining upstream portion of proposed box culvert and the 1050mm pipe for connecting to the existing box culvert. The construction of remaining portion of box culvert and 1050mm pipe will be scheduled in dry season, tentative December 2028 to March 2029. Local pumping will be deployed for diverting the dry weather flow from the existing 3.6m x 2.5m box culvert at Fung Yuen Road to the downstream of existing stream course, if necessary. The proposed flood wall in Area (B) will be constructed during Stage 3A.

4.3.6 The construction of by-pass pipes between permanent boundary channels and new box culvert will also be carried in this dry season.

4.4 Completion of New Drainage System for the Proposed Development

4.4.1 With reference to construction sequence discussed in **Section 2**, it is expected that the drainage system for the proposed development in Area (A) Phase I and Area (B) will be tentatively ready for use in mid-2029 as the construction works of the developments in Area (A) Phase I and Area (B) will be completed at that time for population intake while the entire Development including Area (A) Phase II will be completed in late 2030 as the remaining construction works for Area (A) Phase II will be completed in 2030.

5 Monitoring Requirements

5.1.1 With reference to the preliminary drainage arrangement during the construction phase in **Annex 1**, to maintain flow path of the existing stream course, interim drainage in form of channels will be provided to collect surface runoff from neighbouring areas for discharging to downstream of stream course and local temporary site drainage, with desilting facilities, provided within site for proper discharging of site runoff. Thus, it is expected that there will be no insurmountable drainage impacts to the surrounding areas and existing drainage system during the construction stage. Although, adverse impact is not expected from the site during construction with the provision of interim drainage system, the following monitoring system will be provided:-

Water level Monitoring for the Existing Stream course

5.1.2 During construction, the existing stream course might pose risk to the workers and plants of the construction site, monitoring of the water level is recommended to protect the workers and plants.

5.1.3 Water level at the upstream and downstream of the stream course will be monitored during the construction stage. Water level monitoring shall be based on the "Alert, Alarm and Action" (AAA) Trigger Level mechanism. The corresponding actions shall be based on the local water level monitoring and rainstorm signal issued by HKO together. The corresponding actions shall be based on action for water level reached Action Level descripted in **Table 5.1**.

Table 5.1: Action when AAA Trigger Level reach

Rainstorm Warning Signal from HKO	Water Level Monitoring	Actions
Amber/Red/Black Rainstorm Warning Signal Issued OR Announcement on Localized Heavy Rain	Alert Level (3.54mPD – 10 years tide level)	○ Close monitoring on water level
	Alarm Level (500mm below stream course bank level)	○ Close monitoring on water level ○ Check if there is overflow and start pumping water inside excavation areas if necessary
	Action Level (Overflow from Existing Stream course)	○ Suspend all the works adjacent the Existing Stream course ○ Commence the emergency plan to evacuate the workers and plants

Sediment Monitoring for the Existing Stream Course

5.1.4 Monitoring of sedimentation and erosion for the existing stream course by visual inspections shall take place once per week throughout the entire construction phases of the works. Additional monitoring shall take place immediately after any significant storm event.

6 Conclusion

6.1.1 This appendix shows the conceptual interim drainage arrangement for construction stage. All the information in this appendix, including but not limit to phasing of works and time of works, is tentative and subject to further update, if necessary, based on the future detailed design and Contractor actual construction arrangement for the final development layout.

6.1.2 Based on the construction sequence presented in **Section 2**, the construction period for the proposed development is a few years, to maintain the flow path of nearby areas mainly for villages and agriculture use near the Site, surface drainage channels as per permanent boundary channels for the development of Area (A) Phase I and interim drainage with discharge capacity for 10 years rainfall for the developments of Area (A) Phase II and Area (B) will be constructed at the beginning of construction stage and will be provided throughout the construction stage. The drainage during construction stage will be in form of three sets of surface drainage channels which will also be used as permanent boundary channels for the development of Area (A) Phase I and three sets of interim channels for the developments of Area (A) Phase II and Area (B). The drainage will be provided along the site boundary for collecting runoff of the neighbouring areas back to the existing stream course. The site runoff will be properly collected and discharged into existing stream course via local temporary site drainage with desilting facilities. Also, the construction activities that will affect / in close vicinity of the existing stream course are all carefully scheduled and will be constructed in dry seasons.

6.1.3 Since the surface drainage channels for the development of Area (A) Phase I during construction stage will have arrangement same as the permanent boundary channels of the proposed development, the surface channels will have adequate capacity to serve the surrounding areas. For the developments of Area (A) Phase II and Area (B), based on hydraulic calculation results, the utilizations of interim drainage are less than 75% under 1 in 10 years storm which is capable to serve the nearby villages and agriculture areas. Thus, it is considered that there will be no insurmountable drainage impacts during construction stage and the flow path of neighbouring areas can be maintained.

6.1.4 Insurmountable drainage impact is not expected from the Site during construction with the provision of interim drainage system. Carefully planning of construction activities, water level and sediment monitoring will be provided to protect the workers and plants, as well as minimising potential sediment issue at existing stream course.

Annex

Annex 1 Conceptual Construction Sequence

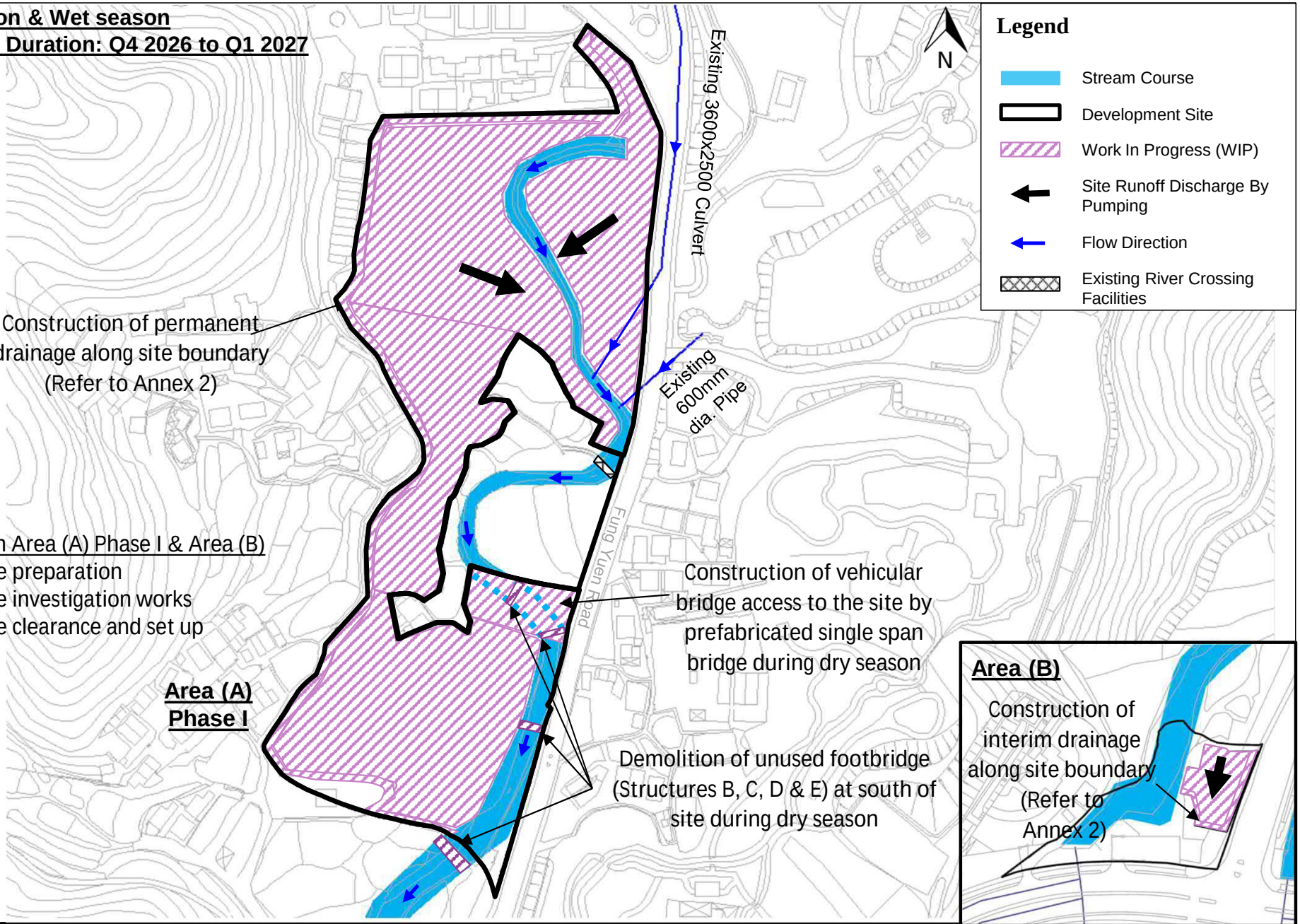
Annex 2 Drainage System for Construction Stage

Annex 3 Hydraulic Calculation for Interim Drainage System

Annex 1

Conceptual Construction Sequence

Dry season & Wet season
Tentative Duration: Q4 2026 to Q1 2027

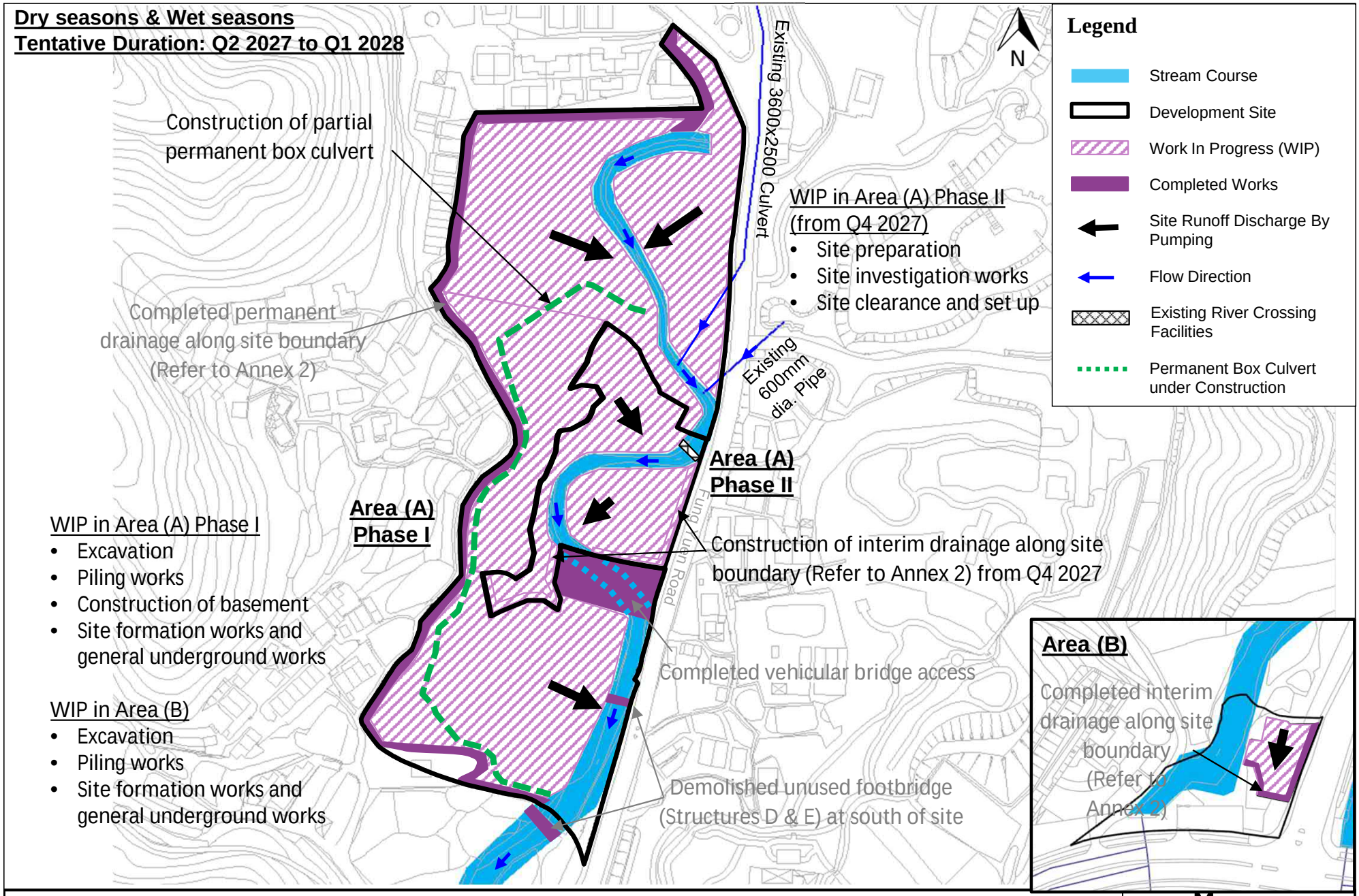


Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Construction Sequence – Stage 1**
Date Sep 2025	**Scale** N.T.S. **File**

MOTT MACDONALD

Figure 1

Dry seasons & Wet seasons
Tentative Duration: Q2 2027 to Q1 2028



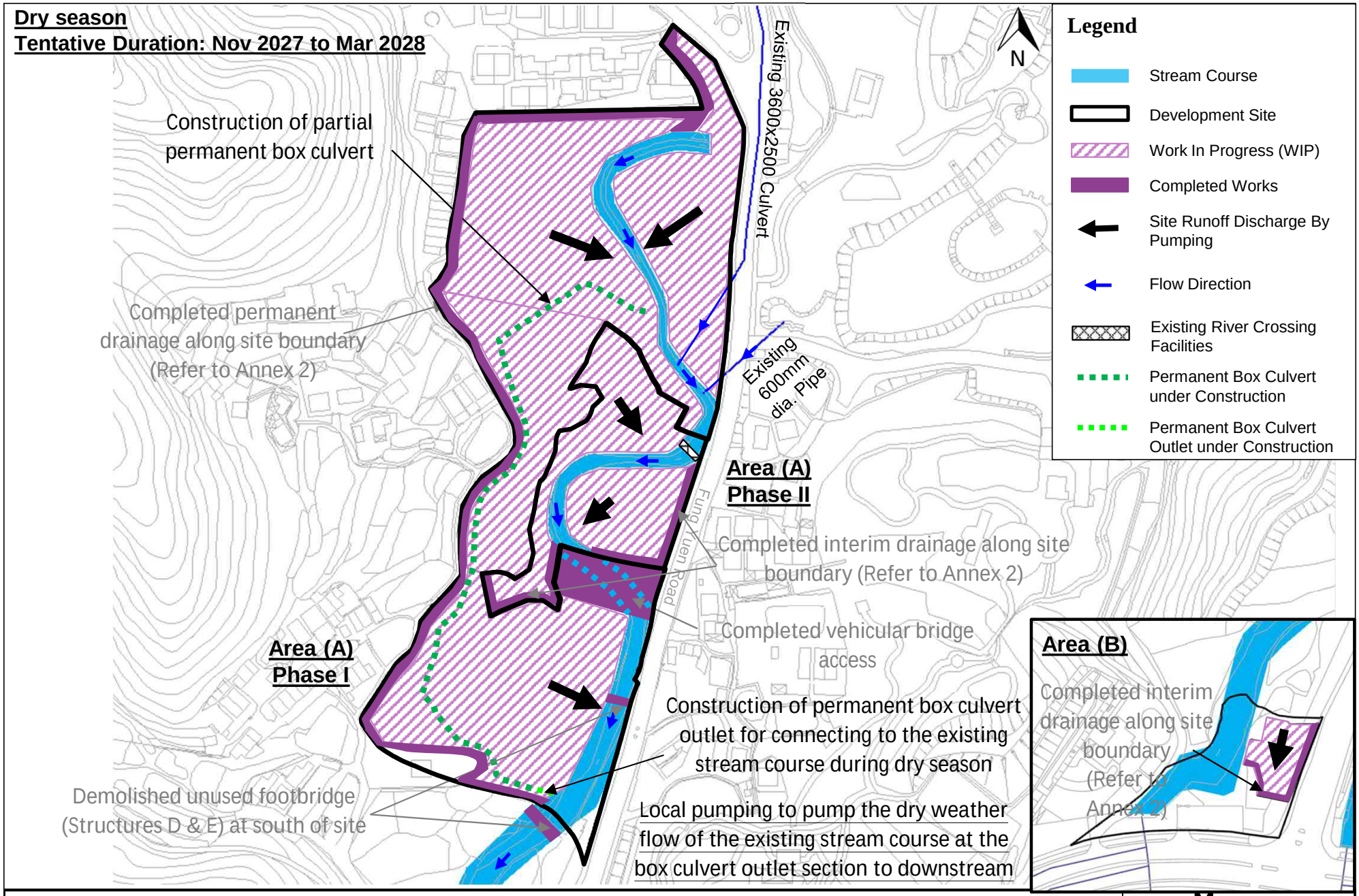
WIP in Area (A) Phase I
- Excavation
- Piling works
- Construction of basement
- Site formation works and general underground works

WIP in Area (B)
- Excavation
- Piling works
- Site formation works and general underground works

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Construction Sequence – Stage 2**
Date Sep 2025	**Scale** N.T.S. **File**

MOTT MACDONALD

Figure 2



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Construction Sequence – Stage 2A**
Date Sep 2025	**Scale** N.T.S. **File**

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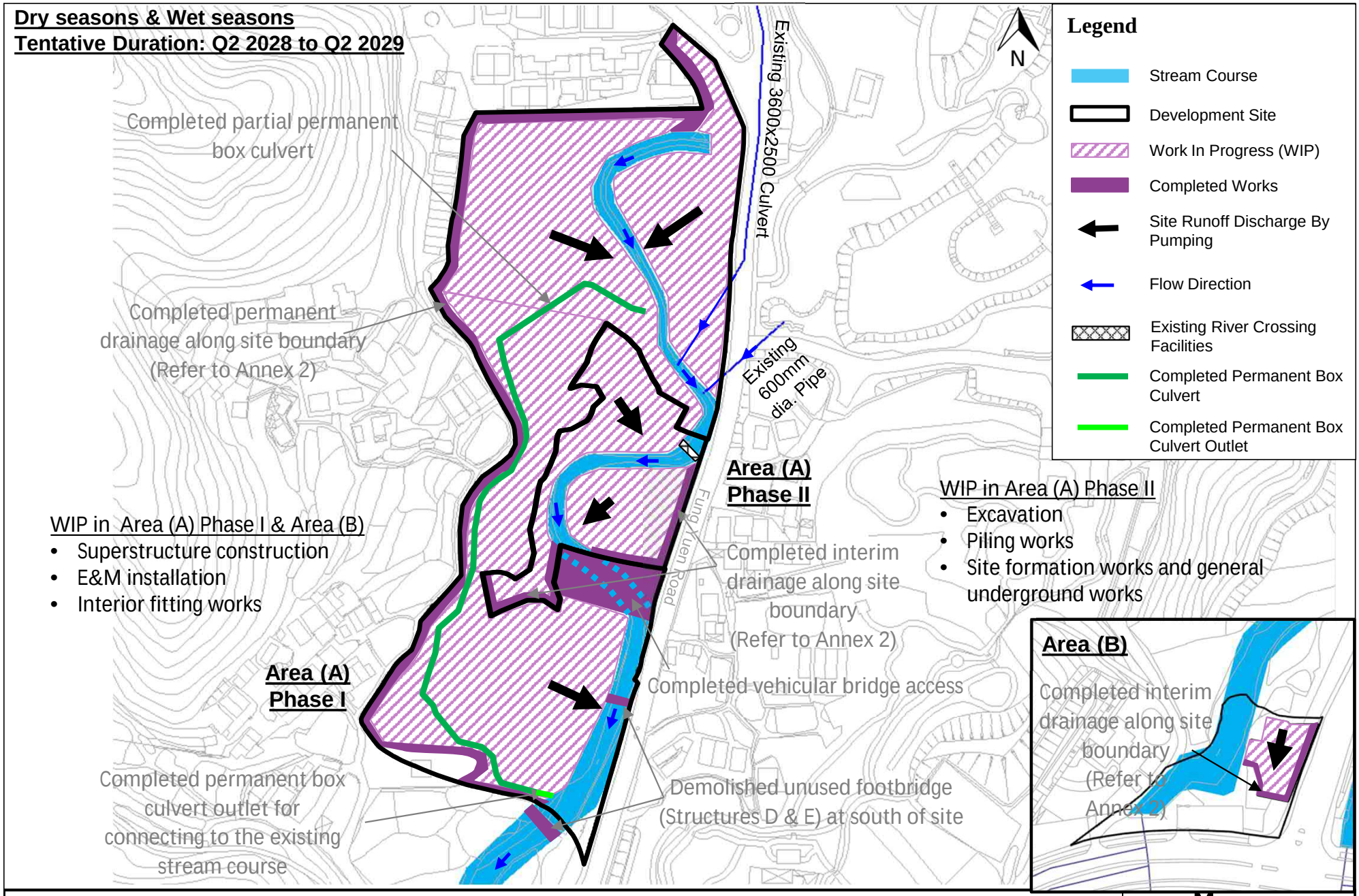
Figure 2A

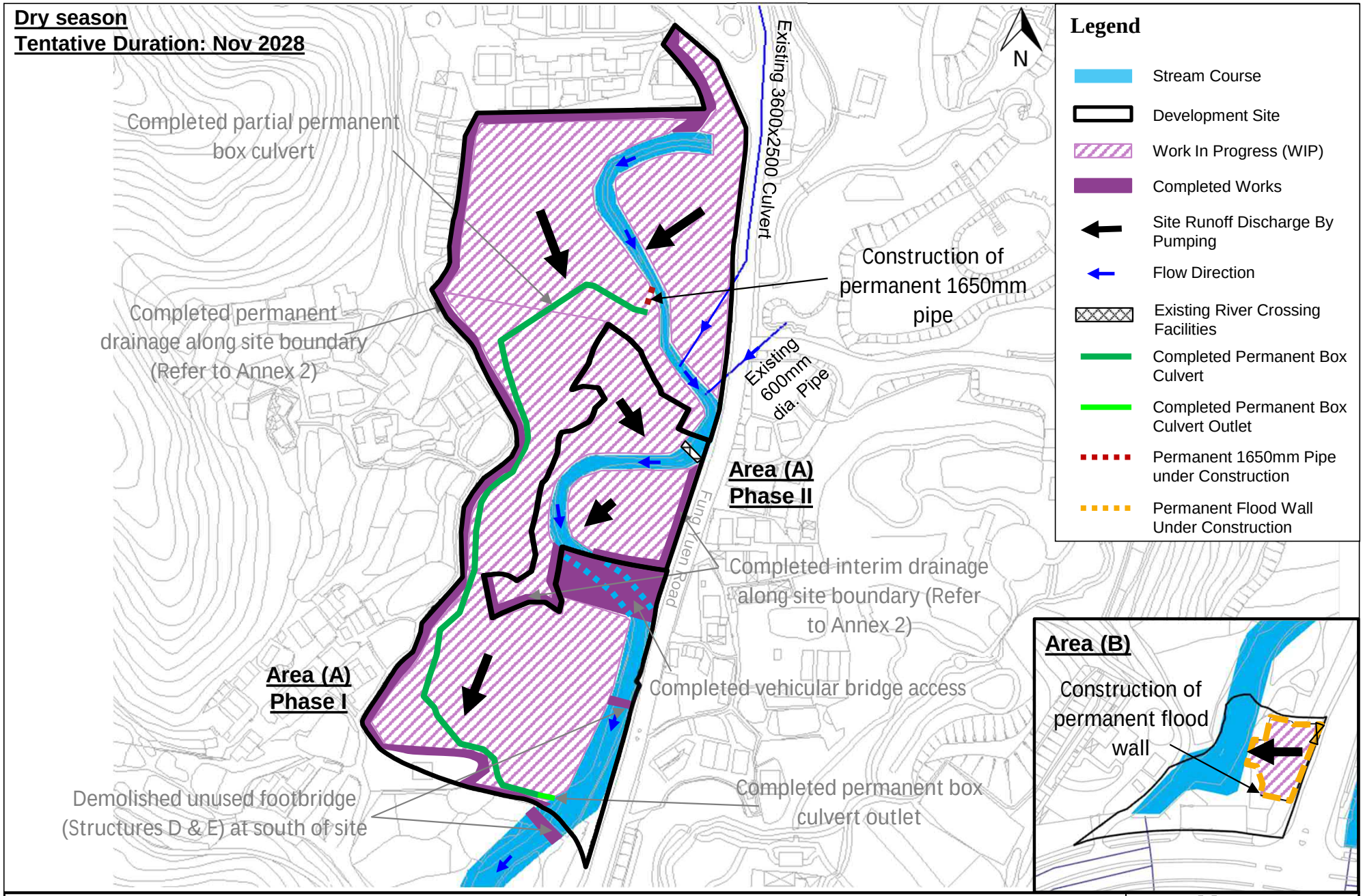
Dry seasons & Wet seasons
Tentative Duration: Q2 2028 to Q2 2029



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Construction Sequence – Stage 3**
Date Sep 2025	**Scale** N.T.S. **File**

MOTT MACDONALD

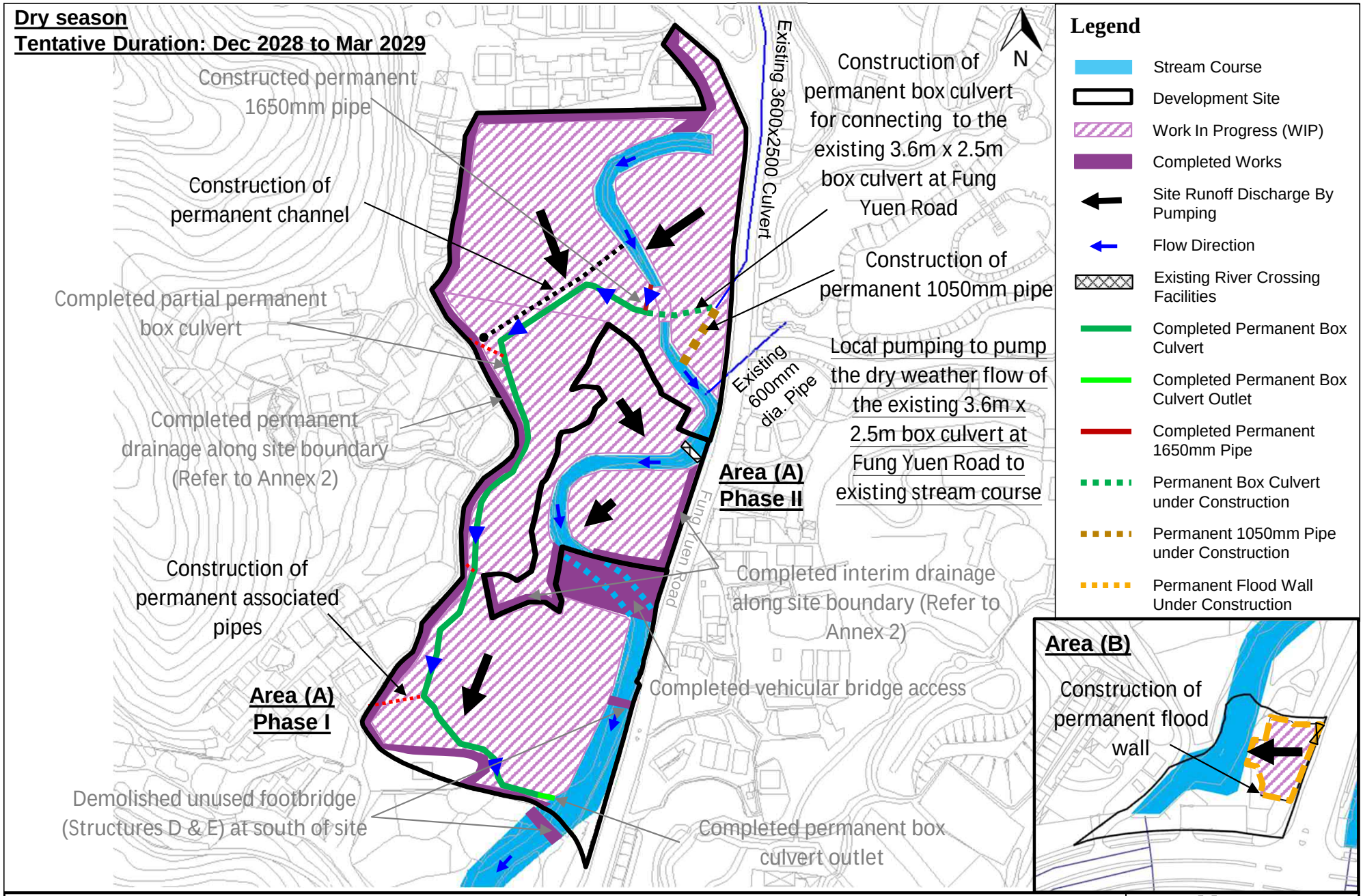
Figure 3



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Construction Sequence – Stage 3A.1**
Date Sep 2025	**Scale** N.T.S. **File**

MOTT MACDONALD

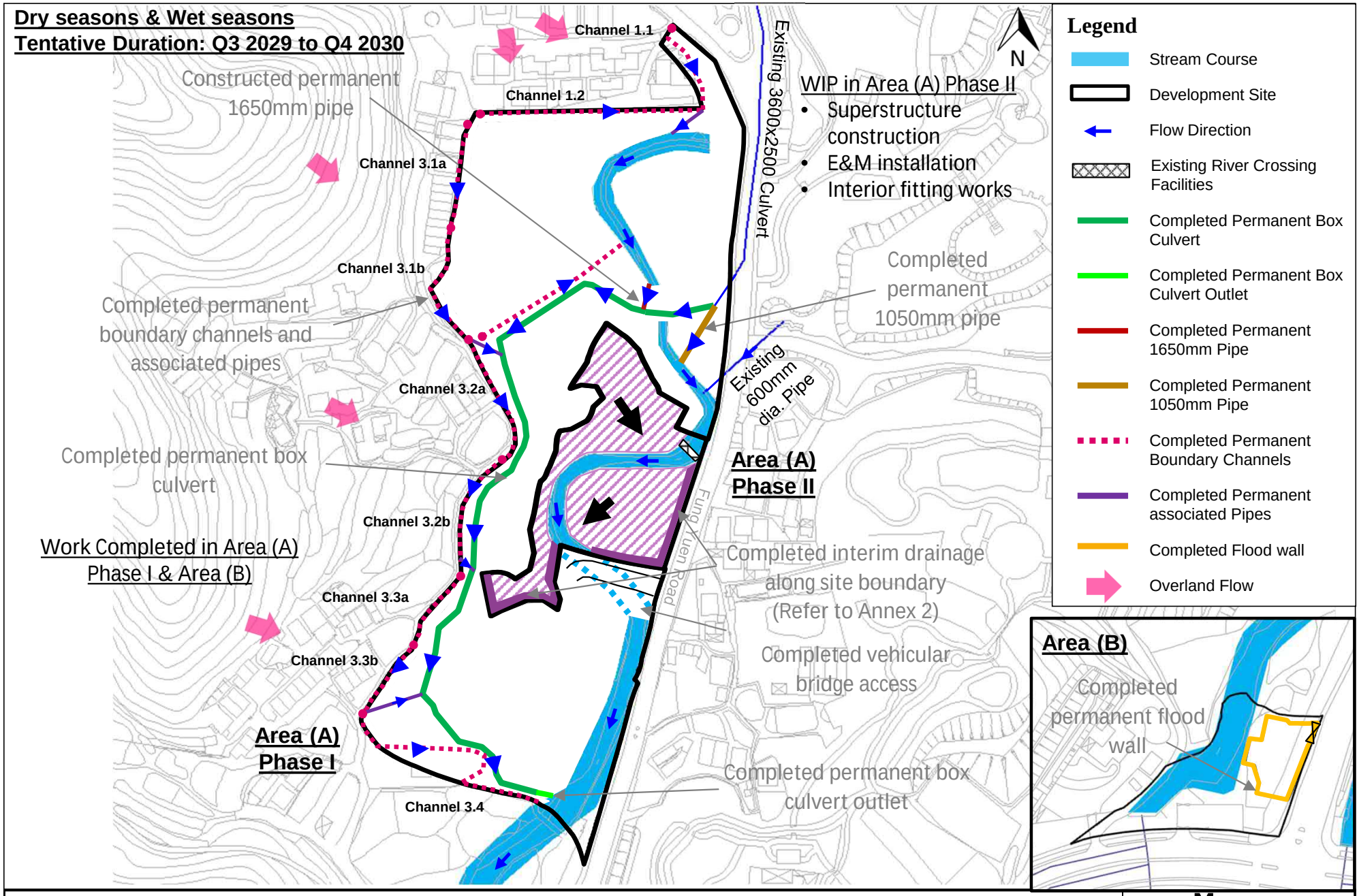
Figure 3A.1



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Construction Sequence – Stage 3A.2**
Date Sep 2025	**Scale** N.T.S. **File**

MOTT MACDONALD

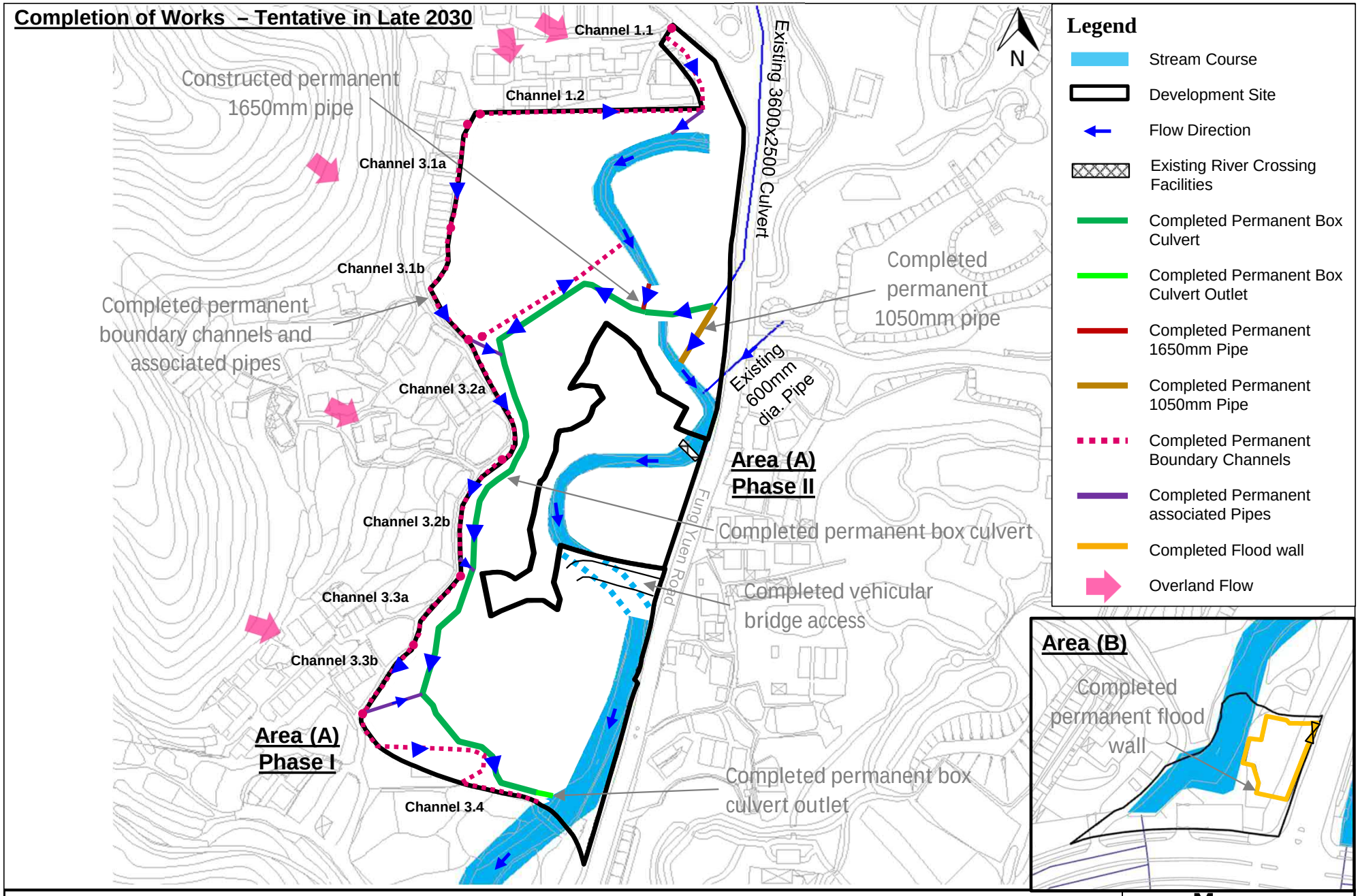
Figure 3A.2



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Construction Sequence – Stage 4**
Date Sep 2025	**Scale** N.T.S. **File**

MOTT MACDONALD

Figure 4



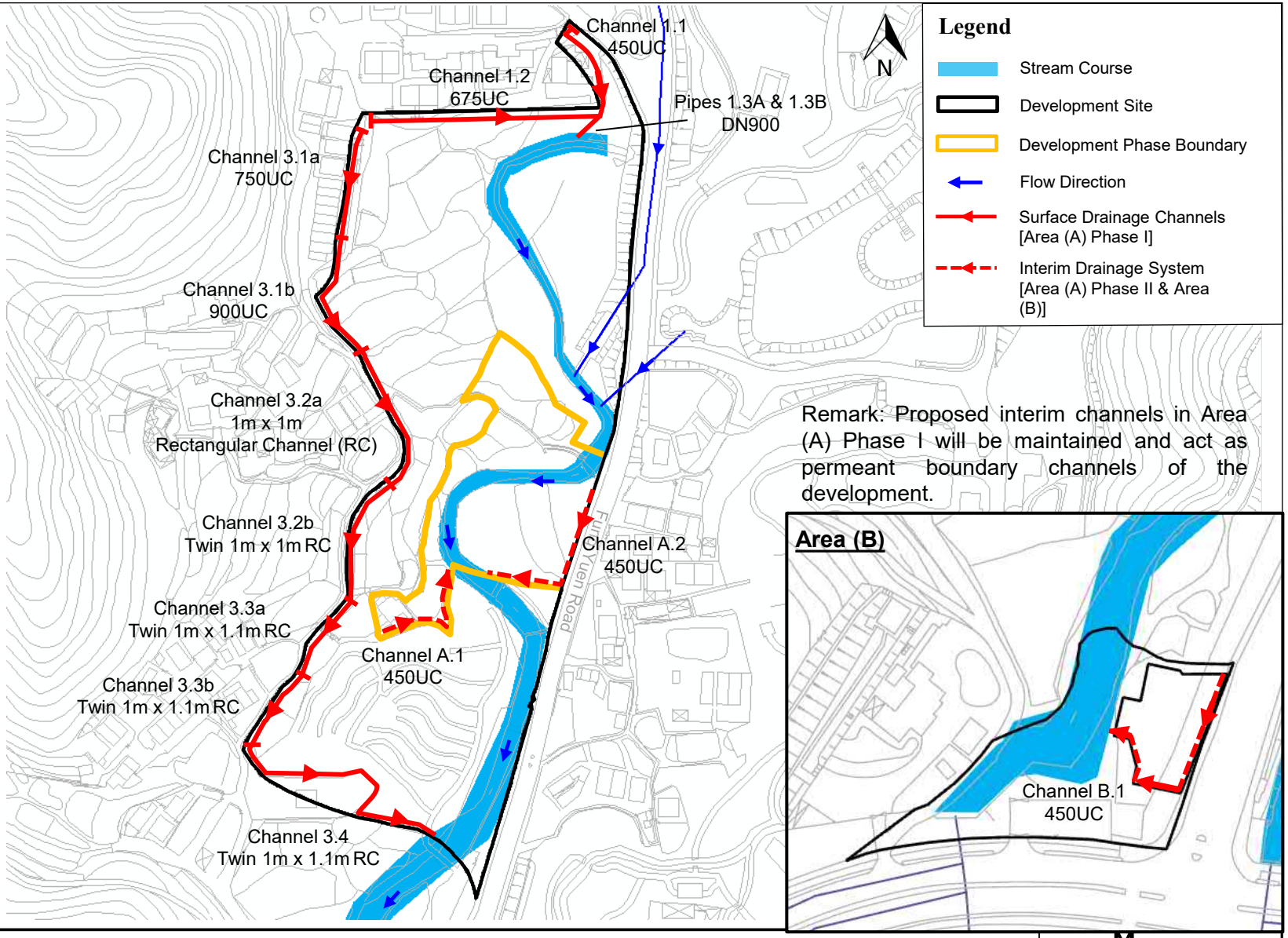
Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Construction Sequence – Completion of Works**
Date Sep 2025	**Scale** N.T.S. **File**

MOTT MACDONALD

Figure 5

Annex 2

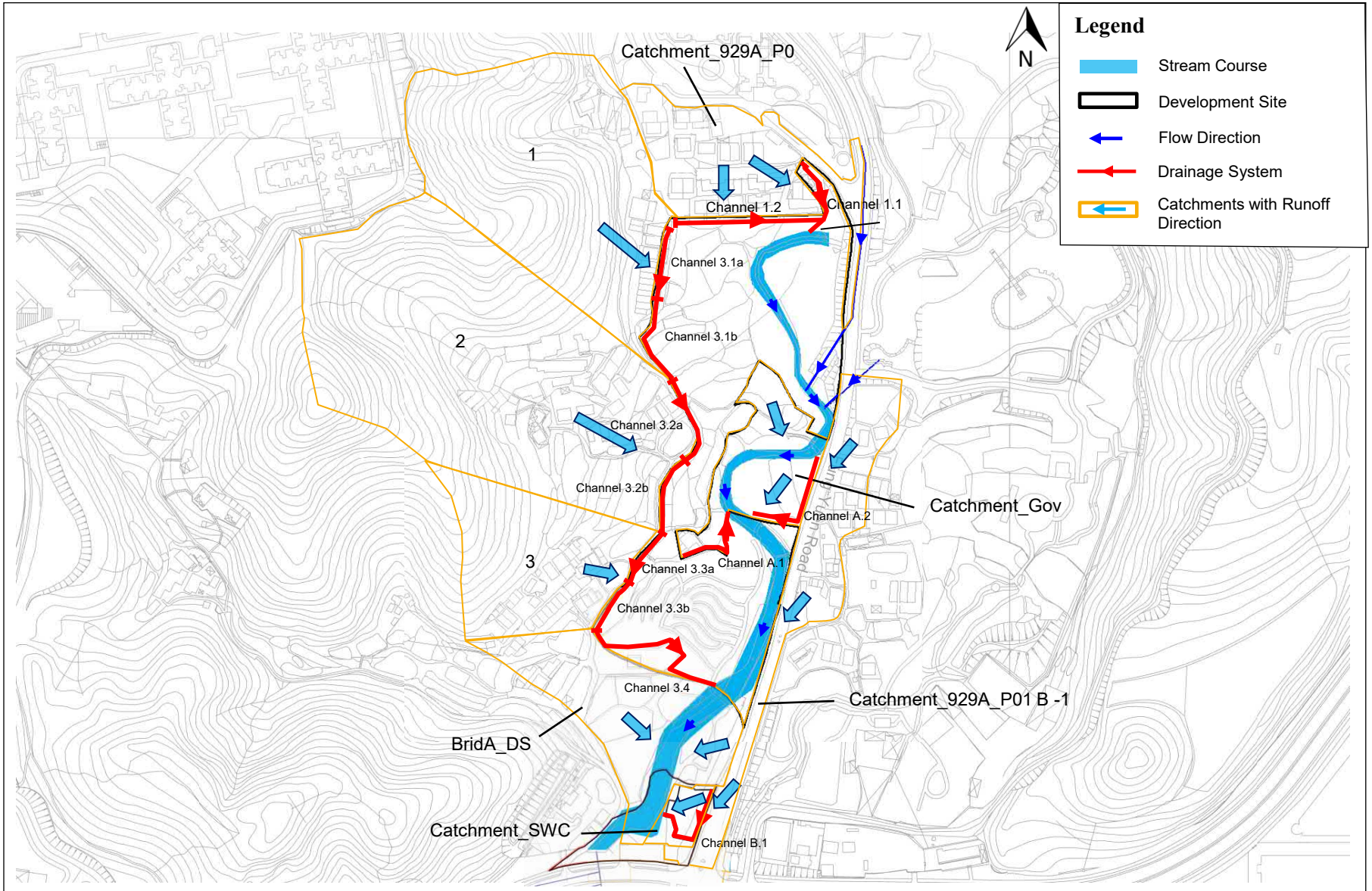
Drainage System for Construction Stage



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Proposed Drainage System for Construction Stage**
Date Aug 2025	**Scale** N.T.S.
File	

MOTT MACDONALD

Annex 2



Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Catchment Plan for Proposed Drainage System during Construction Stage**
Date Aug 2025	**Scale** N.T.S. **File**

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Annex 2

Annex 3

Hydraulic Calculation for Interim Drainage System

Annex 3 - Hydraulic Calculation for Interim Drainage System

Ref.	Calculation

Objective Hydraulic design of interim drainage system at construction stage.

Methodology

1. Determine the runoff from subcatchments without consideration of climate change.
2. Use Manning Equation to determine the capacity of the proposed interim channels and check against the design flow.
3. Construction works are proposed to be completed within a few years. Thus, the interim drainage will be designed to cater for a 10-year return period of rainfall.
4. As the interim drainage will only be used during the construction stage for a few years, climate change effect is considered not necessary to be considered in the design.
5. Regular clearance and maintenance for the interim drainage system will be implemented during the construction stage. No siltation is considered in the design.

1. Runoff from Nearby Catchments to be Served by Interim Channels

Refer to Annex 2 for the catchment plan.
Runoff with consideration of climate change is extracted from hydraulic model as attached in Appendix H.
Since the interim drainage system is temporary for construction stage of a few years, climate change effect is considered not required to be considered, thus, the runoff with end of climate change effect will be adjusted to obtain the runoff without climate change effect with details given in remarks.

		Runoff from rainfall event (m^3/s) (Considering Climate Change)[1]	Runoff from rainfall event (m^3/s) (Without considering Climate Change)[2]	
Sub Catchment ID	**Total Catchment Areas(m^2)**	**10-year, Q1**	**10-year, Q2**	**Collected By Proposed Drainage System**
Catchment_SWC	1,122	0.0779	0.0608	100% of runoff to Channel B.1 according to topography
Catchment_929A_P01 B -1	8,166	0.4049	0.3161	20% of runoff to Channel B.1, 50% of runoff to Channel A.2 and 30% of runoff to the existing watercourse according to topography
Catchment_Gov	5,285	0.3400	0.2654	55% of runoff to Channel A.1 and 45% of runoff to Channel A.2 according to topography

Remarks:
1. Rainfall intensity extracting from the hydraulic model has considered climate change effects up to End of 21st Century (Rainfall Increase: +16% + Design Allowance: +12.1% = +28.1%).
2. For interim drainage system, climate change effect is negligible. To calculate runoff without considering climate change effect, it can be back-calculated by the following equation.

$$Q2 = Q1/(1 + 28.1\%)$$

2. Determine the size of proposed open channels

Using Manning equation for calculate the channel Free Flow Full Bore Capacity

SDM Table 12

$$\bar{V} = \frac{R^{1/6}}{n}\sqrt{RS_f}$$

where

$\bar{V}$	=	Velocity (m/s)
R	=	Hydraulic Radius (m)
S_f	=	Slope (m/m)
n	=	Manning's Coefficient of Roughness (Dimensionless)

Assumptions:

1 Surface roughness coefficient (n) = 0.016 (refer to Concrete-lined Channel under Fair condition in Stormwater Drainage Manual Part 1 - Table 13)

Proposed open channels

For Rainfall Return Period 10 years

Channel Name	U-Channel / Rectangular Channel Size m	Area m^2	Wet Perimeter m	Channel Length m	Hydraulic Radius m	Upstream Ground Level mPD	Downstream Ground Level mPD	Upstream Invert mPD	Downstream Invert mPD	Min. slope of the channel bed (So)	Flow from Catchment m^3/s	Free Flow Full-bore Capacity m^3/s	Full-bore Velocity m/s	Utilization %	Flow Capacity Check
Channel B.1	0.45	0.18	1.16	73.0	0.16	4.5	4.4	4.01	3.78	318	0.124	0.184	1.02	67.4	OK
Channel A.1	0.45	0.18	1.16	59.0	0.16	5.9	5.9	5.37	5.11	227	0.146	0.218	1.20	67.1	OK
Channel A.2	0.45	0.18	1.16	75.5	0.16	7.3	6.3	6.79	5.77	74	0.277	0.381	2.11	72.8	OK

5. Conclusion

(1) The proposed interim channels have sufficient capacity to collect the 10 years design storm from concerned subcatchments during the construction stage.



Appendix 11

Sewerage Impact Assessment

PROJECT NO. P2319

SEWERAGE IMPACT ASSESSMENT REPORT FOR PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES AT VARIOUS LOTS AND ADJOINING GOVERNMENT LAND AT FUNG YUEN, TAI PO NEW TERRITORIES

GREG WONG & ASSOCIATES LTD.

Prepared by:	Kelvin Au Yeung
Checked by:	Kevin Tang
Approved by:	Kevin Tang
Report No.:	2319G002
Revision:	45
Date:	Sep 2025

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3. Proposed Sewerage System....6
4. Potential Sewerage Impacts and Proposed Mitigation Measures....11
5. Potential Water Quality Impacts and Proposed Mitigation Measures in Construction Stage and Operation Stage....12
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Appendices

Appendix A Site Location Plan
Appendix B Master Layout Plan
Appendix C Existing Sewerage and Land Use Plans
Appendix D Sewerage Record Plan (from DSD)
Appendix E Location Plan of Proposed Sewage Treatment Plant
Appendix F Sewerage Catchment Index Plan and Proposed Sewerage Plan
Appendix G Hydraulic Design Check for Proposed Sewerage System

1. Introduction

Greg Wong & Associates was commissioned to carry out a sewerage impact assessment (SIA) for Proposed Residential Development in Fung Yuen in Tai Po.

Sewerage impact assessment (hereinafter referred to as 'SIA') including all adverse sewerage impacts as may arise from the development of the site, and all necessary mitigation and improvement works shall be submitted to the relevant government department for their approval.

The location plan and master layout plan of the proposed development are enclosed in **Appendices A** and **B**. The existing land use is shown in **Appendix C**. This Sewerage Impact Assessment (SIA) report is prepared for approval from authorities concerned.

This S.12A application is to seek the Town Planning Board's approval for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") for the proposed development at various lots and adjoining Government Land at Fung Yuen, Tai Po, New Territories ("the Development Site").

The proposed development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B).

The Applicant submitted an s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and amending the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The Proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely formed by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

2. Existing Sewerage Condition

2.1 The Development Site

The total site covers 35,201 square metre. Area (A) and Area (B) fall within areas zoned "CDA(1)" and "G/IC" respectively on the Draft Tai Po OZP No. S/TP/31. Area (A) is mainly covered with vegetation and occupied by local village tracks, few structures and a watercourse running in a north-south direction, whereas the southern part of Area (B) is occupied by Tin Sam Sewage Pumping Station, and the remaining area of Area (B) is largely vacant and covered with vegetation and a water course. A site reconnaissance has been carried out and the existing land uses of the site are recorded on the Existing Sewerage and Land Use Plans in **Appendix C**.

2.2 Existing Sewerage

The sewerage record plans for the site have been retrieved from Drainage Services sewerage system is located underneath the Fung Yuen Road, which serves for the residents uphill and nearby. It is connected to the Tin Sam Sewage Pumping Station at the end of the Fung Yuen road. The sewerage record plans are enclosed in **Appendix D**.

			Fung Yuen Lo Tsuen A (A1)	***Fung Yuen Lo Tsuen B (A2)***	***Mak Uk (A3)***	***Tin Sam (C1)***	***Le Jardin (C2)***
No. of Flats			42	210	165	78	-
Occupant per Flats (2024 census)			2.6	2.6	2.6	2.6	-
Population	Residential		109	546	429	203	0
	Employee		0	0	0	0	10**
Unit Flow Factor (UFF)	Domestic	m^3/day/ person	0.150	0.150	0.270	0.270	-
	Commercial Employee	m^3/day/ employee	0.080	0.080	0.080	0.080	0.080
	Commercial Activities	m^3/day/ employee	0.200	0.200	0.200	0.200	0.200
Foul Water Flow (Q)	Domestic	m^3/s	0.000189	0.000948	0.001341	0.000634	-
	Commercial Employee	m^3/s	0.000000	0.000000	0.000000	0.000000	0.000009
	Commercial Activities*	m^3/s	0.000000	0.000000	0.000000	0.000000	0.000023
	Total	*m^3/s*	*0.000189*	*0.000948*	*0.001341*	*0.000634*	*0.000032*

Table 2.1 Assumed Populations and Average Foul Flow which catchment covers the existing developments within A1 + A2 + A3 + C1 + C2 to manhole FMH1005429

* J11 – Community, Social & Personal Services are assumed as commercial activities for existing residential A1 to C2 (refer to Table T-2 of "Guidelines for Estimating Sewage Flows for Sewage Infrastructure Planning")

**2000m^2/employee are assumed to manage Le Jardin

	Catchment A (A1 + A2 + A3 + C1 + C2)
Calculated Total Average Flow (m3/s)	0.003145
Peaking Factor	6*
Total Peak Flow (m3/s)	0.018867

*Peaking Factor (including stormwater allowance) for facility with existing upstream sewerage is adopted and Peaking Factor Calculation is attached in Table 3.6

Table 2.2 Total Peak Flow Calculations from existing developments (Catchment A1 + A2 + A3 + C1 + C3) to manhole FMH1005429

2.3 Capacity of Existing Sewerage System

From the DSD sewerage record plan, only 225mm diameter pipe is located outside the proposed development. It is anticipated that the capacity of the existing sewerage system is insufficient for the proposed development.

3. Proposed Sewerage System

3.1 Proposed Development in Area (A) Phase I

The future sewage discharge from the development site depends on the design population which in turn is governed by planning parameters. The number of person per occupied flat (PPOF) ratio of 2.6 has been adopted based on the average domestic household size from 2024 Population Census. According to the Master Layout Plan in **Appendix B**, there will be 1,718 units in the proposed Phase I Residential Development while the estimated population is about 4,467. As it is a new upstream sewerage system in the proposed development, according to the Guidelines for Estimating Sewage Flows for Sewage Infrastructure Planning published by EPD, peaking factors (excluding stormwater allowance) has been used to assess and shown in the following table:

			Phase I Residential Towers (B1)
No. of Flats			1718
Occupant per Flats (2024 census)			2.6
Population	Residential		4467
	Employee		65
Unit Flow Factor (UFF)	Domestic	m^3/day/person	0.270
	Commercial Employee	m^3/day/employee	0.080
	Commercial Activities*	m^3/day/employee	0.200
Foul Water Flow (Q)	Domestic	m^3/s	0.013959
	Commercial Employee	m^3/s	0.000060
	Commercial Activities	m^3/s	0.000150
	Total	*m^3/s*	***0.014169***

Table 3.1 Assumed Populations and Foul Water Flow of Proposed Residential Development

* J11 – Community, Social & Personal Services are assumed as commercial activities for proposed residential B1 (refer to Table T-2 of "Guidelines for Estimating Sewage Flows for Sewage Infrastructure Planning")

Assumptions:

1. Unit Flow Factor for Domestic Flows is taken as "Planning for Future Private R2".
2. The population of employee is assumed to be 10 for each residential tower and 5 for club house.

			Commercial Complex (B2)
Population	Commercial Activities		Shop & Services
	Gross Floor Area (GFA)	m^2	800.000
	Worker Density	workers per GFA (in 100 m^2)	3.5
	Employee		28
Unit Flow Factor (UFF)	Commercial Employee	m^3/day/employee	0.08
	Commercial Activities*	m^3/day/employee	0.20
Foul Water Flow (Q)	Commercial Employee	m^3/s	2.59259E-05
	Commercial Activities	m^3/s	6.48148E-05
	Sub-total	*m^3/s*	*9.07407E-05*

Table 3.2 Assumed Populations and Foul Water Flow of Proposed Commercial Complex

* J11 – Community, Social & Personal Services are assumed as commercial activities for proposed commercial B2 (refer to Table T-2 of "Guidelines for Estimating Sewage Flows for Sewage Infrastructure Planning")

Assumptions:

1. The population of employee is assumed based on Table 8, CIFSUS.

	Swimming Pool (B3)
Pool Area (m^2)*	150
Pool Depth (m)*	1
Pool Volume (m^3)	150 x 1 = 150 m^3
Turnorver Rate (hrs)	6
Surface Loading Rate of Filter ($m^3/m^2/hr$)	20
Filter Areas Required (m^2)	150 / 6 / 20 = 1.25
Backwash Duration (min/d)	3
Backwash Flow Rate ($m^3/m^2/hr$)	30
Design Flow for Swimming Pool Backwashing	3 x 30 x 1.25 / 60 = 1.875 m^3/d
	0.0000217 m^3/s

Table 3.3 Backwashing Calculations of the Swimming Pool from the Proposed Development

*The outdoor swimming pool dimension is subjected to detail design stage

An outdoor swimming pool with volume of 150m3 is proposed. The backwashing discharge from the proposed swimming pool is 0.000022m^3/s. Due to the insufficient spare capacity of the existing sewerage system, the scheme of constructing an on-site packaged sewage treatment plant will be adopted. According to Guidelines for the Design of Small Sewage Treatment Plants, the design peak flow arriving at the STP as a proportion of dry weather flow (DWF) shall be taken as 4 DWF for population over 1000. To construct an on-site packaged sewage treatment plant, the installed capacity of the plant would be 3 x the Average Dry Weather Flow (ADWF) with an equalization tank.

Average Dry Weather Flow (ADWF) (m^3/s)	0.014169 + 0.000022 + 9.08E-05 = 0.01428

Table 3.4 Calculations of the Average Dry Weather Flow of proposed Area (A) Phase I development

	Resident	Employee	Swimming Pool	Total
Calculated Total Average Flow (m3/day)	1206.06	26.04	1.88	1233.98
Contributing Population	4467	97	7	4571
Peaking Factor***	3	3	-	3
Overall Design Peak Flow (m3/day)	3618.18	78.12	1.88	3698.18

Table 3.5 Peaking Factor Calculation of Proposed Area (A) Phase I Development to the Sewage Treatment Plant

**According to Guidelines for Estimating Sewage Flows for Sewage Infrastructure Plannining – T-5(b) for Sewage Treatment Works*

***The Total Average Flow do not include swimming pool flow as swimming pool sewage generation occur at non-peaking hour (about 00:00-06:00 and will be subjected to detail design stage) and in a constant flow*

****STP can be designed to cater for a peak flow of 3 ADWF, excess flow over 3 ADWF being equalized in an equalization tank. Equalization tanks should be designed to hold the excess flow for a period of two hours, 1 ADWF excess sewerage flow will be equalized in an 110m^3 equalization tank. The dimension of equalization tank will be subjected to detail design stage*

The proposed design of the treatment plant is subjected to the detailed design stage. The installed capacity of the proposed sewage treatment plants (STPs) is estimated as 0.0428m^3/s (Peaking factor do not adopted for swimming pool sewage), which is 3698m^3/day. The design of STP would follow EPD's Guideline for the Design of Small STP, and be duly certified by Authorized Person for compliance of relevant requirements. The responsible party for constructing and maintaining the plant would be the lot owner. The sewage treatment process is briefly discussed in the following. The first process is primary treatment. Physical solids would be settled while the light solid would be floated in the primary sedimentation tank. They will be removed afterwards. Then, the sewage will flow to secondary treatment. Dissolved and suspended biological matters are removed by aerobic biological process. Lastly, tertiary treatment will be done to the wastewater to improve effluent quality before discharging to the receiving environment. According to the information advised by the STP supplier, for the maintenance of the STP, the maintenance frequency would be generally twice a week. The duration of each maintenance would be 1-2 hours. The STP would still operate normally during the regular maintenance. There will be spare parts of the STP on site for maintenance convenience. The location plan of the STP and the proposed discharge point is shown in **Appendix E**. Discharge licence under WPCO would be obtained prior to operation of the STP. Regular monitoring or audit will be conducted during construction phase (for construction works) and operation phase (for the proposed STP).

Moreover, according to the normal practice advised by the STP supplier, standby equipment (e.g. pumps) of the sewage treatment plant will be stored on site as a contingency plan. When facing any emergency situation, standby equipment will be provided for maintenance. Tankers would be arranged to tanker away raw sewage to avoid

discharge of the untreated raw sewage when there is plant failure before the storage capacity of the sewage treatment plant is exhausted during the maintenance period. It would be the same case for emergency situation such as power failure and plant breakdown. The lot owner will be responsible for the implementation and maintenance of the proposed STP.

3.2 G/IC zone

The proposed G/IC facilities has floor area of about 4,782 s.m. for the provision of a 150-place residential care home for the elderly cum a 30-place day care unit.

			Social Welfare Complex (D1)
No. of Flats			-
Occupant per Flats (2024 census)			-
Population	Residential		150
	Employee		110
Unit Flow Factor (UFF)	Domestic	m^3/day/ person	0.270
	Commercial Employee	m^3/day/ employee	0.080
	Commercial Activities	m^3/day/ employee	0.200
Foul Water Flow (Q)	Domestic	m^3/s	0.000469
	Commercial Employee	m^3/s	0.000102
	Commercial Activities	m^3/s	0.000255
	Total	*m^3/s*	*0.000825*
Peaking Factor (P)			6*
Peak Foul Water Flow (Qp)	*=Q x P*	m^3/s	*0.004951*

Table 3.6 Assumed Populations and Average Foul Flow which catchment covers the existing developments within D1 to manhole FMH1005429

**Peaking Factor (excluding stormwater allowance) for facility with new upstream sewerage is adopted*

The calculated peak sewerage flow from proposed development of Social Welfare Complex is about 0.0050 m3/s. According to the sewerage record plan from DSD, there is no existing sewer for the proposed Social Welfare Complex. It is recommended that an internal sewerage system be provided to deliver flow to the existing sewerage system at FMH1005429. The proposed sewerage works are shown in **Appendix F**. The calculation is attached in **Appendix G**.

The alignment of the proposed sewers connecting the proposed buildings and the proposed on-site treatment plant within the Development Site (Area (A) and (B)) are shown in **Appendix E** which will be subjected to detail design stage.

3.3 Proposed Development in Area (A) Phase II

According to the Master Layout Plan in **Appendix B**, there will be 270 units in the proposed Phase II Residential Development while the estimated population is about 702. As it is a new upstream sewerage system in the proposed development, according to the Guidelines for Estimating Sewage Flows for Sewage Infrastructure Planning published by EPD, peaking factors (excluding stormwater allowance) has been used to assess and shown in the following table:

			Phase II Residential Tower (E)
No. of Flats			270
Occupant per Flats (2024 census)			2.6
Population	Residential		702
	Employee		10
Unit Flow Factor (UFF)	Domestic	m^3/day/ person	0.270
	Commercial Employee	m^3/day/ employee	0.080
	Commercial Activities	m^3/day/ employee	0.200
Foul Water Flow (Q)	Domestic	m^3/s	0.002194
	Commercial Employee	m^3/s	0.000009
	Commercial Activities	m^3/s	0.000023
	Total	*m^3/s*	0.002226
Peaking Factor (P)			6*
Peak Foul Water Flow (Qp)	*=Q x P*	m^3/s	*0.013357*

Table 3.7 Assumed Populations and Average Foul Flow which catchment covers the Area(A) Phase II residential developments to manhole FMH1005458

**Peaking Factor (excluding stormwater allowance) for facility with new upstream sewerage is adopted*

Assumptions:

1. Unit Flow Factor for Domestic Flows is taken as “Planning for Future Private R2”.
2. The population of employee is assumed to be 10 for each residential tower.

The calculated peak sewerage flow from the proposed Phase II residential tower is about 0.0134 m3/s. An existing sewerage system from nos. FTH1013660 to FWD1065306 are located within the Area(A) Phase II. The sewerage FTH1013660 to FWD1065306 will be demolished and an internal sewerage system will be proposed to deliver flow to the existing sewerage system at FMH1005458 during construction stage. The foul water flow will be discharge to the public sewerage system with no adverse impact. The abandoned pipe shall be removed or filled up to the satisfaction of DSD refer to DSD technical Circular No. 1/2022 – Handling of Abandoned Pipes under DSD’s Purview. The proposed sewerage works are shown in **Appendix F**. The calculation is attached in **Appendix G**. The alignment of the proposed sewers connecting the proposed buildings and the public sewerage system are shown in **Appendix E** which will be subjected to detail design stage.

	Catchment A+C	*Catchment B**	*Catchment D*	*Catchment E*
Calculated Total Average Flow (m3/day)	*271.7*	*1234.0*	*71.3*	*192.3*
Contributing Population	*1007*	*4571*	*265*	*713*
Peaking Factor	*6*	*3*	*6*	*6*

Table 3.8 Peaking Factor Calculation of existing catchments (A1+A2+A3+C1+C2) and proposed development (B1+B2+B3+D1+E)

**The Total Average Flow in Catchment B do not include swimming pool flow as swimming pool sewage generation occur at non-peaking hour (about 00:00-06:00 and will be subjected to detail design stage) and in a constant flow*

4. Potential Sewerage Impacts and Proposed Mitigation Measures

The spare capacity of existing sewage system is insufficient for the proposed two phases of residential development in Area (A). A new sewage system should be developed to cater for the designed sewage loading arising from the proposed development in Area (A) Phase I. Therefore, an on-site packaged sewage treatment plant is proposed for the sewerage generated from Phase I residential towers, swimming pool and Commercial Complex. The installed capacity for the sewage treatment plant is 0.0428 m^3/s, which is 3698 m^3/day. Hence the existing sewerage characteristics will not be adversely affected by the proposed development. The detailed design of the sewage treatment plant, particularly the proposed footprint of the plant(s), any emergency storage and its retention period, the sludge off-site arrangement etc., will be submitted during detail design stage.

The sewage from the proposed development in Area (A) Phase I will be treated by sewage treatment plant and discharged to existing stormwater drainage system, which is a stream course. The treated sewage effluents will comply with all relevant statutory standards before discharge. The calculated peak sewage flow discharged offsite from STP (estimated to be only 0.0428m^3/s) is insignificant to the total flow of stormwater to the stream course. Hence, no adverse impact to the proposed drainage system due to treated sewage will be resulted.

The sewerage generated from the Social Welfare Complex in Area (B) will be discharged into public sewerage system at FMH1005429. It is considered that the existing sewerage characteristics will not be adversely affected by the proposed development. The lot owner shall undertake the construction of the proposed connection sewer from Social Welfare Complex to the existing sewer.

The sewerage generated from the Area (A) Phase II will be discharged into public sewerage system at FMH1005458. It is considered that the existing sewerage characteristics will not be adversely affected by the proposed development. The lot owner shall undertake the construction of the proposed connection sewer from the Area (A) Phase II to the existing sewer.

The preventive measures for overflow of raw sewage below is applicable for this development:

- With design capacity to be able to treat 3 times of ADWF;
- Equalization tank to store the ADWF for up to 2 hours to handle emergency situation;
- Provision of effluent storage tank with volume of 2 times ADWF;
- Apart from standby unit/ equipment STP, backup power should be provided;
- According to ProPECC 1/23, "two duty and one standby pumps should be provided in equalization tanks";
- Sensors with alarm system and flowmeter will be provided to monitor the flow rate to

avoid overflow,
- The STP plant room shall be water-tight and leak proof,
- Plant staff to adjust the hydraulic level and retention times in the treatment unit to prevent overflow
- Arrangement of temporary piping to form an alternative sewage route to handle emergency overflow situation, and
- Contingency/ emergency plan and maintenance program should be prepared and implemented in detail design stage.

5. Potential Water Quality Impacts and Proposed Mitigation Measures in Construction Stage and Operation Stage

The proposed development is within the Tolo Habour & Channel Water Control Zone. License will be obtained for the discharge of treated effluent from the proposed sewage treatment plant into the existing stream. The effluent discharged by the proposed sewage treatment plant will comply with the relevant standards as laid out in the Water Pollution Control Ordinance (WPCO) and its Technical Memorandum so that it will have no adverse impact on the water quality of the existing stream.

The existing stream within the site will be preserved in-situ. The proposed discharge point is located over 600m from Fung Yuen SSSI and the water gathering ground to its north, which are located at a higher altitude of between 20mPD and 150mPD. More importantly, the proposed discharge point is at a downstream location with a lower altitude of about 6mPD far away from the SSSI. There will not be any backflow of treated effluent to Fung Yuen SSSI and the water gathering ground. Based on drainage record plan, a stream course that runs from the upstream hillside collects and conveys runoff from upstream and the site are connected to existing box culverts at Ting Kok Road. The treated effluent flow from sewage treatment plant is designed with allowable capacity and mitigation measures are proposed for the potential water quality impacts that no adverse effect will be induced by the proposed development on these water sensitive receivers.

All effluent produced from construction and operation stages should be pre-treated to comply with the relevant standards in the Water Pollution Control Ordinance and its Technical Memorandum, and it should be sited away from natural section of water courses to ensure no adverse effect will be induced by the proposed development.

5.1 Potential Water Quality Impacts and Proposed Mitigation Measures during Construction Stage

<u>Mitigation Measures for General Construction Activities and Construction Site Run-off</u>

The existing stream will be preserved in-situ. The proposed development will not cause direct impact on the stream, it will only have potential indirect impacts during construction of the development. With the implementation of good site practice and appropriate pollution control measures to minimize impacts during construction, adverse water quality impacts are not anticipated. With reference to the WPCO, ETWB TC (Works) No. 5/2005, ProPECCPN 2/24, ProPECCPN 1/23 and Guidelines for the Design of Small Sewage Treatment Plants, the following mitigation measures are proposed:

as follows:

(a) The proposed works site inside or in the proximity of natural rivers and streams should be temporarily isolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props, to prevent adverse impacts on the stream water qualities.

(b) The natural bottom and existing flow in the river should be preserved as much as possible to avoid disturbance to the river habitats. If temporary access track on riverbed is unavoidable, this should be kept to the minimum width and length. Temporary river crossings should be supported on stilts above the riverbed.

(c) Stockpiling of construction materials, if necessary, should be properly covered and located away from any natural stream/river.

(d) Construction debris and spoil should be covered up and/or properly disposed of as soon as possible to avoid being washed into nearby streams/rivers by rain.

(e) Construction effluent, site run-off and sewage should be properly collected and/or treated. Wastewater from a construction site should be managed with the following approach in descending order:

i. Minimisation of wastewater generation;

ii. Reuse and recycle;

iii. Treatment.

Proper locations for discharge outlets of wastewater treatment facilities well away from the natural streams/rivers should be identified.

(f) Removal of existing vegetation alongside the riverbanks should be avoided or minimised. When disturbance to vegetation is unavoidable, all disturbed areas should be hydroseeded or planted with suitable vegetation to blend in with the natural environment upon completion of works.

(g) Adequate lateral support may need to be erected in order to prevent soil/mud from slipping into the stream/river, but without unduly impeding the flow during heavy rain.

(h) Supervisory staff should be assigned to station on site to closely supervise and monitor the works.

(i) Portable toilets will be provided for site staff and workers. Licensed collectors shall tanker away the accumulated sewage for disposal and further treatment.

(j) Discharge license shall be obtained during construction phase. Discharge of the treated effluent shall comply with the discharge license.

Under ProPECC PN2/24 Construction Site Drainage, various guidelines for the handling and disposal of construction site discharges are included. The guidelines include the use of sediment traps, wheel washing facilities for vehicles leaving the site, adequate maintenance of drainage systems to prevent flooding and overflow, sewage collection and treatment, and comprehensive waste management (collection, handling, transportation, and disposal) procedures.

<u>Mitigation Measures for Accidental Spillage of Chemicals During Construction Phase</u>

Site drainage will be well maintained, and good construction practices will be adopted to ensure that chemicals (e.g. oils, fuels and solvents) will be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas will be sited on sealed areas to prevent spillage of fuels and solvents to the nearby watercourses. All waste oils and fuels will be collected in designated tanks prior to disposal. As chemicals will be managed, stored and handled properly and will not enter the existing stream. Therefore, it is expected that no water quality impacts caused by accidental spillage would be generated.

The ProPECC Note PN 1/23 provides guidelines and practices for handling, treatment and disposal of various effluent discharges to stormwater drains and foul sewers. The design of site drainage and disposal of various effluents generated within the Development Site will follow the relevant guidelines and practices as given in the ProPECC Note PN 1/23. No unacceptable water quality impact is therefore envisaged.

5.2 Potential Water Quality Impacts and Proposed Mitigation Measures during Operation Stage

Mitigation Measures to Protect the Watercourse in Development Site

As mentioned in Section 4, there will be no potential water quality impact from the Sewage Treatment Plant during the operation phase. The treated sewage effluents from the plant will comply with all relevant statutory standards before discharge. Best practices in ProPECC PN 1/23 “Drainage Plans subject to comments by the Environmental Protection Department” would be followed in operation phase as well.

Nevertheless, the following measures are proposed to avoid/minimize direct or indirect impact to the natural stream in operation stage, if any:

(a) Drainage channels shall be provided for slope, if any, to prevent soil erosion through intercepting and conveying surface runoff to designated discharge points;

(b) Surface of exposed soil slope shall be hydroseeded or landscaped for protection against surface erosion, while surface of covered soil slope shall be shotcreted and

(c) Sufficient fall shall be provided to paved surfaces to prevent ponding.

(d) The natural bottom and existing flow in the stream should be preserved as much as possible to avoid disturbance to the river habitats.

(e) Removal of existing vegetation (including trees) alongside the stream banks should be avoided or minimised. When disturbance to vegetation and trees are unavoidable, all disturbed areas should be planted with native vegetation and trees as far as possible to blend in with the natural environment upon completion of works.

(f) Drainage in covered carparks should be connected to foul sewers via petrol interceptors.

(g) Sewerage from the swimming pool with using of cleaning agents should be treated at the sewerage treatment plant properly before discharge.

During the detailed design stage, environmentally friendly design shall be adopted in order to maintain the naturalness, landscape as well as ecological value of the natural stream.

Mitigation Measures for Surface Runoff During Operation Phase

The Proposed Development is a residential development, and the pollutants (e.g. debris, refuse, dust, oil, grease and grit) deposited on road surfaces and paved areas will be very limited. To mitigate the potential water pollution due to the contaminated surface runoff, facilities such as sand traps, silt traps, sedimentation basins and oil interceptors will be installed in the drainage system for the proposed paved areas to contain the contaminants possibly found in the surface runoff before discharge. Moreover, good management measures such as regular cleaning and sweeping of the Site will be adopted. Cleaning will be carried out prior to the occurrence of rainstorm wherever practicable. Manholes, as well as stormwater gullies, ditches provided at the Site will be regularly inspected and cleaned (e.g. monthly). Additional inspection and cleansing will be carried out before heavy rainfall forecasted.

Mitigation Measures for Application of Fertilisers and Pesticides

Good management practices will be adopted to properly manage the application rate and time during irrigation to minimise chance of run-off. Use of fertilisers and pesticides will be properly controlled, e.g. applications prior to forecasted heavy rain event will also be avoided to minimise the potential for run-off of residual fertiliser. Priority will be given to remove infected/ sick plantings over the use of pesticides. In addition, use of more specific, systemic and biodegradable pesticide in low dosage will be more preferred. The use and handling of fertilisers and pesticides should follow the Pesticides in Public Areas by Agriculture, Fisheries and Conservation Department, Food and Health Bureau and Leisure and Cultural Services Department. All of the adopted biological products will be the registered pesticide by Agriculture, Fisheries and Conservation Department under the Pesticides Ordinance.

The use of fertilisers and pesticides is limited to the garden. A buffer zone of 10m from the existing stream will be established and no spray of fertilisers and pesticides will be allowed within the buffer zone.

With the implementation of above mentioned mitigation measure, the water quality impact associated with irrigation runoff of fertilisers, pesticides and soil/sediment during operation phase is considered insignificant.

Mitigation Measures for Wash-off of Garden Soil / Sediment

Measures (e.g. garden curbs) will be taken to prevent the washing away of garden soil / sediment into the on-site drainage system. Adequately designed sand/silt removal facilities such as sand traps, silt traps and sedimentation basins will be also installed in the drainage system.

5.3 In conclusion, with the implementation of the mitigation measures of the potential water quality impact proposed above, adverse direct or indirect water quality impacts arising from the construction and operation stages of the project are not anticipated.

6. Changes to Sewerage Characteristic

6.1 New terminal manhole and sewer are proposed to the existing sewerage system. It is considered that the existing sewerage characteristic will not be adversely affected by the proposed development. The detailed design of the sewerage system will be submitted during detail design stage.

7. Proposed sewer diversion

7.1 An existing sewer between manhole nos. FMH1034907 and FMH1034910 is partially located in the site. The sewerage system is considered to be diverted outside the proposed development. A foul water manhole and sewerage pipe is proposed to connect the manhole FMH1034907 and FMH1034910. The proposed catchment area remains unchanged with existing condition. Is it considered that the existing characteristic will not be adversely affected by the proposed diversion. The lot owner shall undertake the construction of the proposed connection sewer from the FMH1034907 to the FMH1034910. The proposed sewerage works are shown in **Appendix F**. The proposed manhole level and layout are indicative and will be subjected to detail design.

8. Conclusion

8.1 Existing sewerage is found in the close vicinity of site. The main stream of the sewerage system is located underneath the Fung Yuen Road.

8.2 A sewage treatment plant which is capable of handling a peak sewage flow of 0.0428m^3/s is proposed to be constructed within the site for the development.

8.3 The sewage from the proposed development in Area (A) Phase I will be treated by sewage treatment plant in compliance with all relevant statutory standards before discharging to proposed stormwater drainage system, which is a stream channel, which will be preserved in-situ.

8.4 The sewage from the Social Welfare Complex in Area (B) will be discharged to the public sewerage system with no adverse impact.

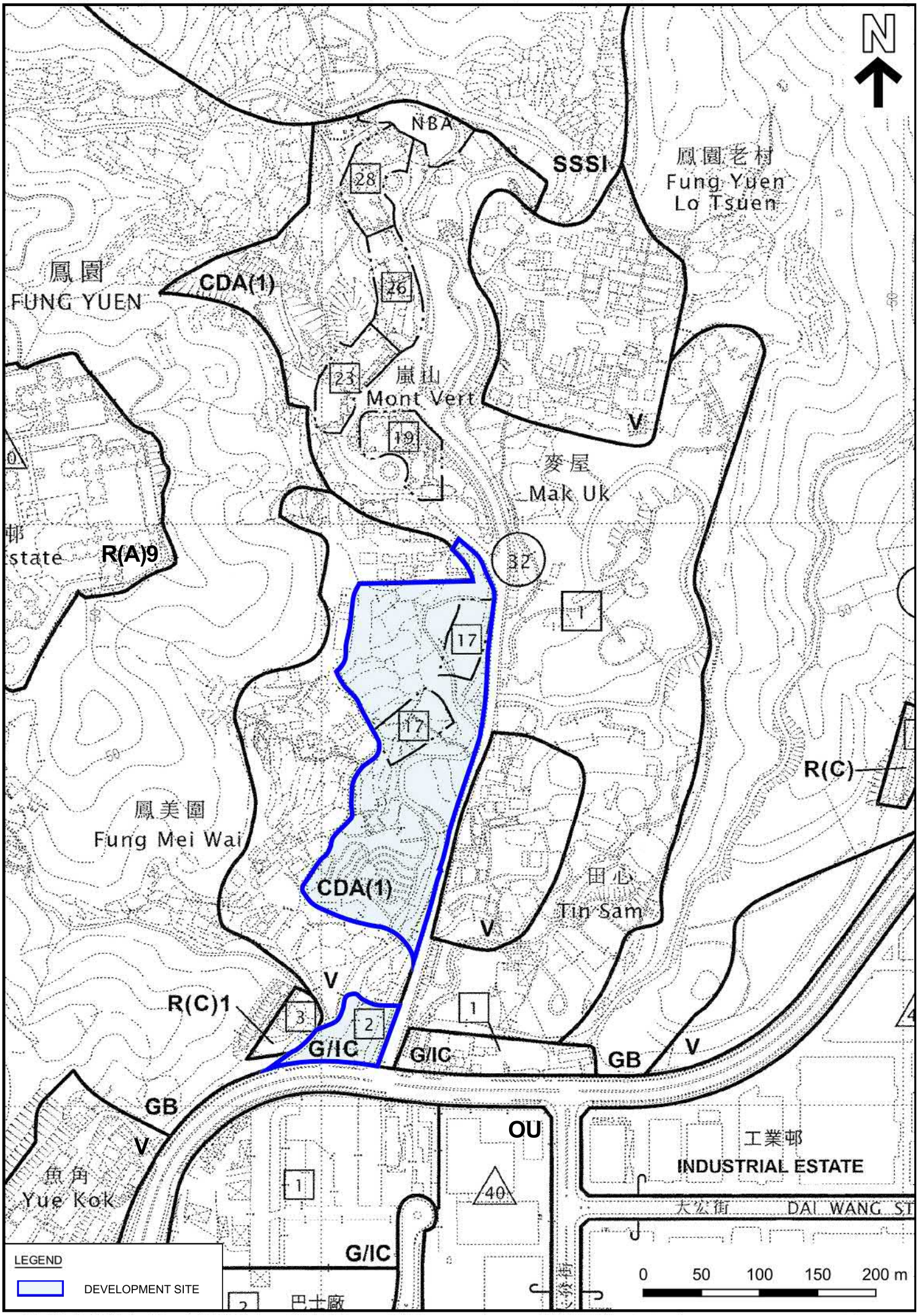
8.5 The sewage from the proposed development in Area (A) Phase II will be discharged to the public sewerage system with no adverse impact.

8.6 New sewerage system is proposed to the existing sewerage system to discharge the sewerage within the site for the development.

8.7 With the implementation of the mitigation measures as proposed in this report, adverse sewerage impact or water quality impact is not anticipated.

Appendix A

Site Location Plan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R(C)
鳳美園
Fung Mei Wai
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Tin Sam
R(C)1
G/IC
GB
OU
工業邨
INDUSTRIAL ESTATE
大公街
DAI WANG ST
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LEGEND
DEVELOPMENT SITE
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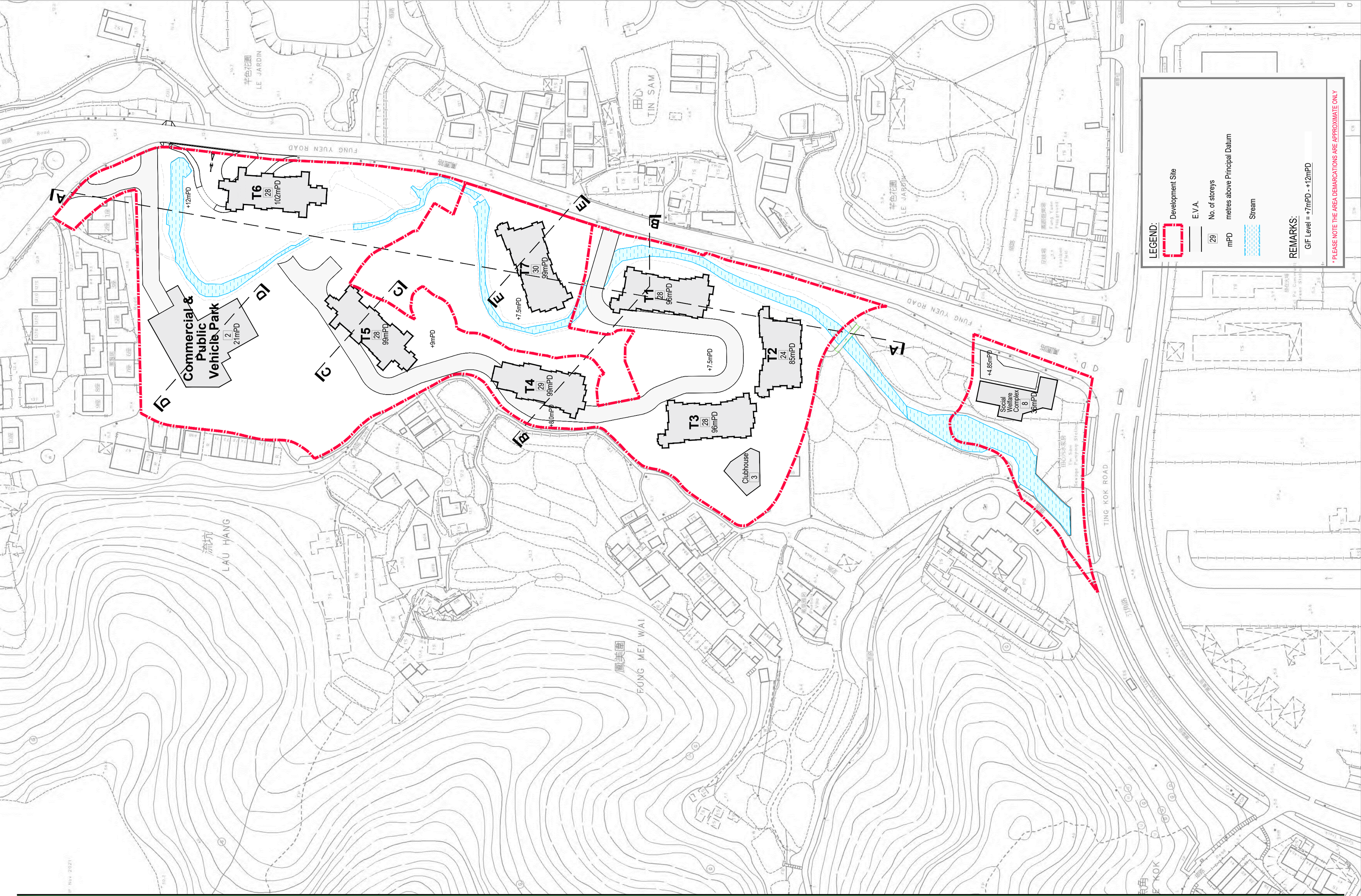
150
200 m

Appendix B

Master Layout Plan



REZONING APPLICATION
AT FUNG YUEN ROAD,
TAI PO, N.T.

Indicative Layout Plan

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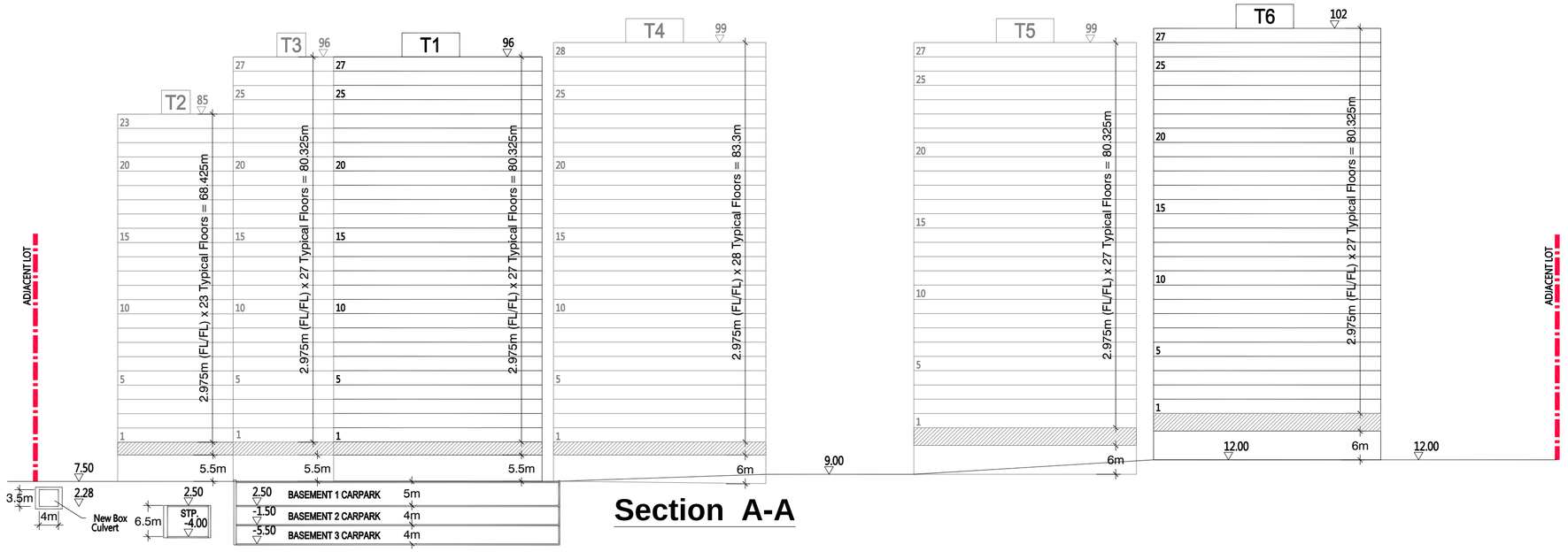
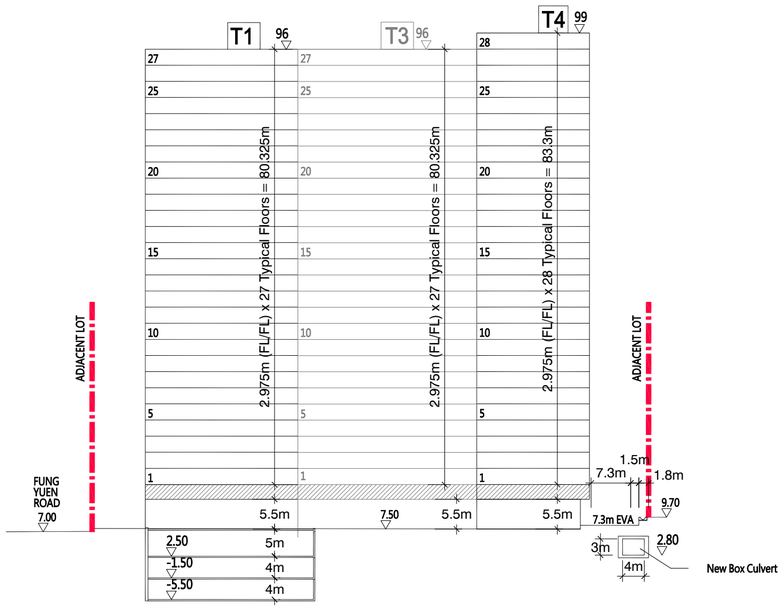
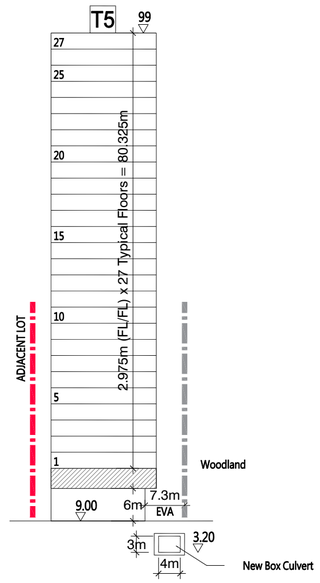


Section A-A



Section B-B



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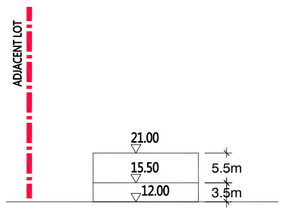

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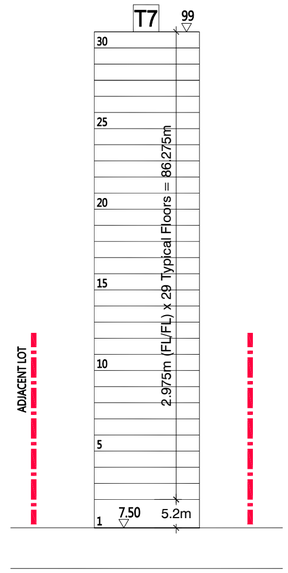

Section E-E

REZONING APPLICATION
AT FUNG YUEN ROAD,
TAI PO, N.T.

Diagrammatical Section Plan

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04/08/2025
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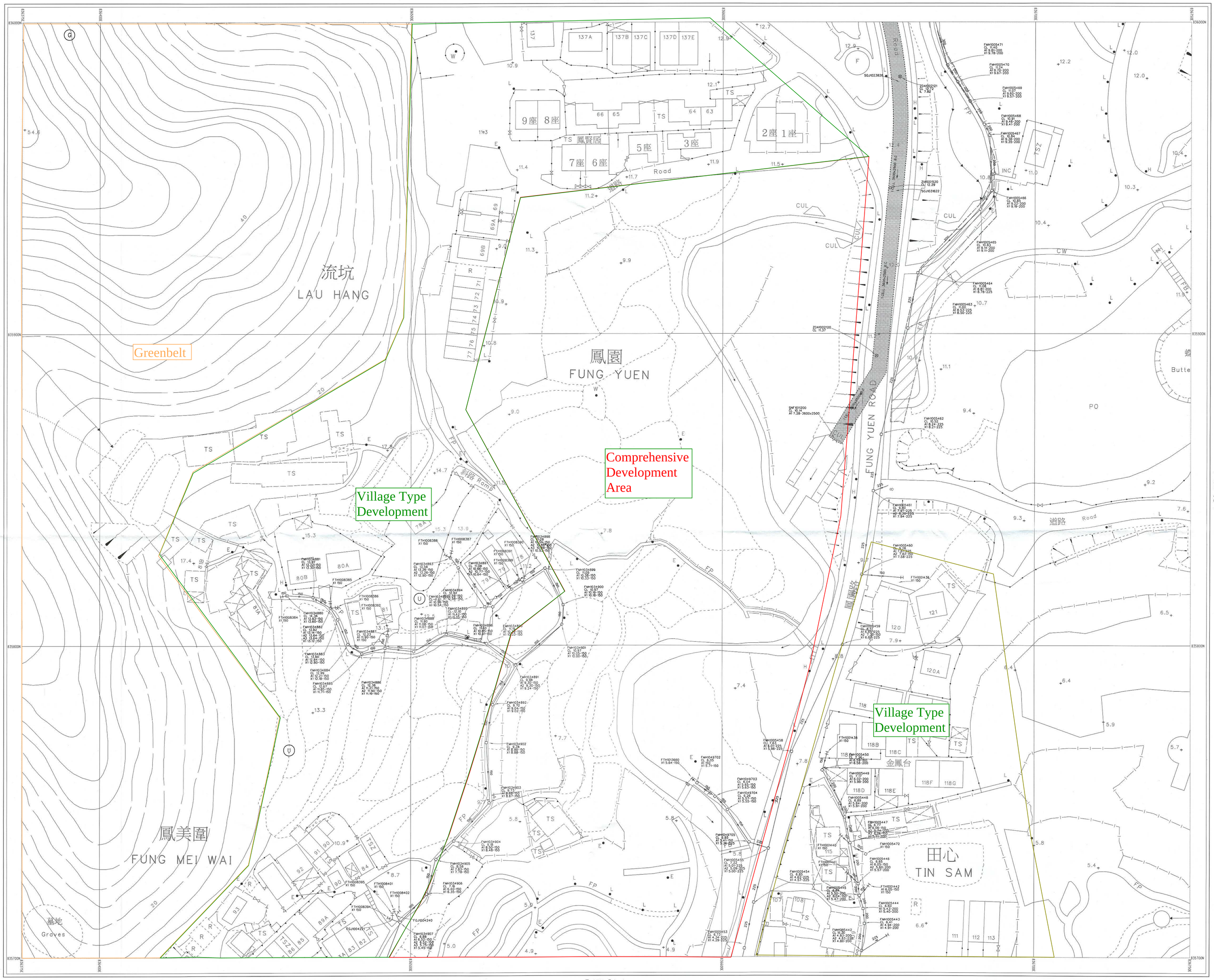
Appendix C

Existing Sewerage and Land Use Plans



Please note that drainage information is now available in the GeoInfo Map services of the Lands Department (https://www.map.gov.hk/gm/?lg=en). Please refer to the Quick Reference Guide of the system for the operation.

For legend of drainage record plans, please refer to the following URL: (https://www.dsd.gov.hk/EN/Files/Legend_BW.pdf)

Metres 20 10 0 20 40 60 80 100 Metres

SCALE 1 : 500

Mainland North Division
Drainage Services Department

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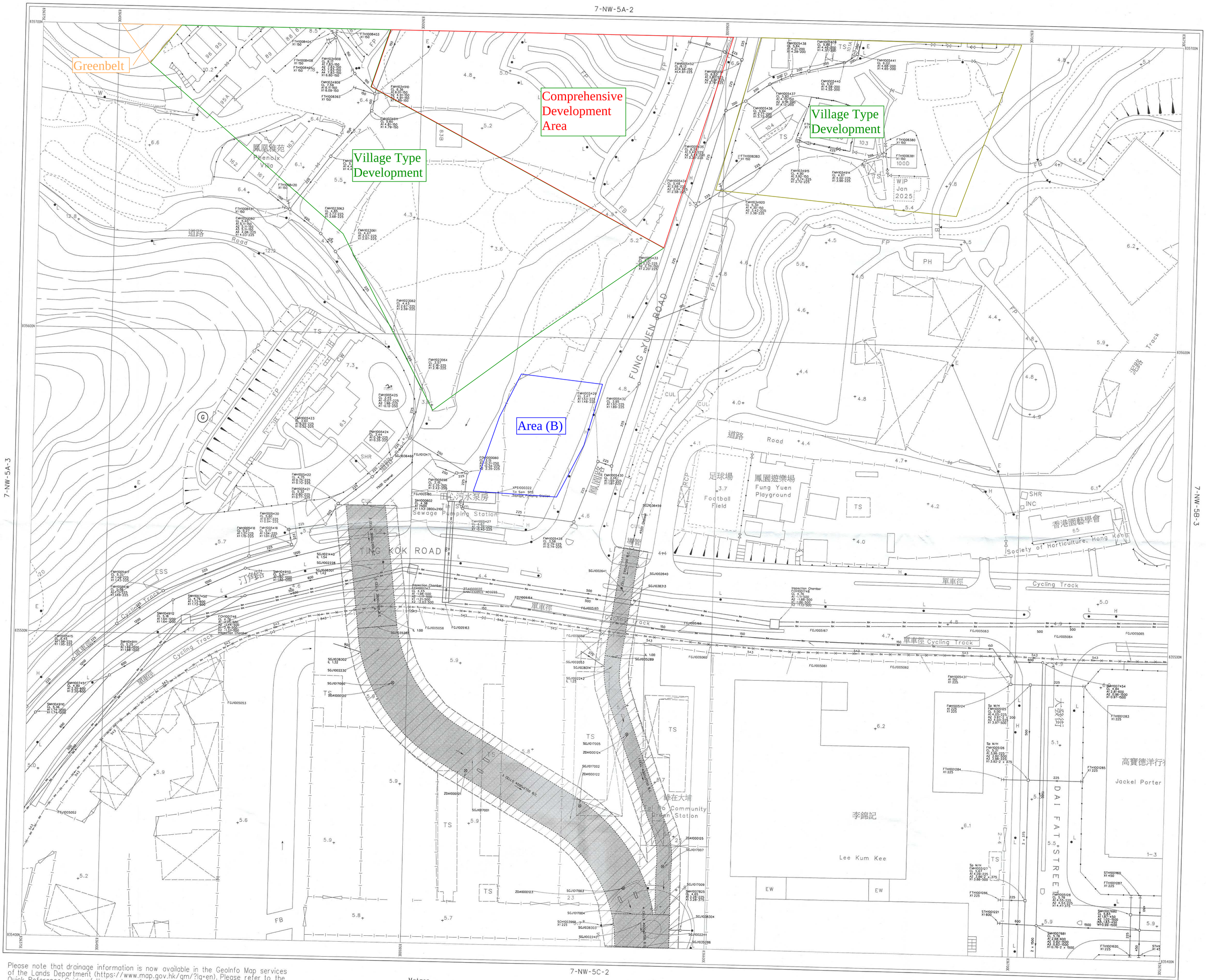
Drainage Record Sheet Number

7-NW-5A-2

Last Updating : 1/4/2025

Map data renewed on January 2025

3 JUN 2025



Please note that drainage information is now available in the GeoInfo Map services of the Lands Department (https://www.map.gov.hk/gm/?lg=en). Please refer to the Quick Reference Guide of the system for the operation.

For legend of drainage record plans, please refer to the following URL: (https://www.dsd.gov.hk/EN/Files/Legend_BW.pdf)

Metres 20 10 0 20 40 60 80 100 Metres

SCALE 1 : 500

Mainland North Division
Drainage Services Department

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Drainage Record Sheet Number

7-NW-5A-4

Last Updating : 1/4/2025

Map data renewed on January 2025

3 JUN 2025

Appendix D

Sewerage Record Plan (from DSD)

3-SW-25C

7-NW-5A

FUNG YUEN LO TSUEN

FUNG YUEN

MAK UK

FUNG YUEN

LAU HANG

FUNG YUEN

KAU SHI WAI

TIN SAM

HA HANG

TAI PO HOSPITAL

ALICE HO MIU LING NETHERSOLE HOSPITAL

TING KOK ROAD

YUE KOK

DAI FU STREET

DAI WANG STREET

DAI SHUN STREET

CHEUNG HONG STREET

CHEUNG FAI ROAD

CHEUNG SHUN STREET

CHEUNG YUE STREET

CHEUNG TAI ROAD

CHEUNG LEE STREET

CHEUNG WO STREET

CHEUNG YIP STREET

CHEUNG TAK STREET

CHEUNG CHUK STREET

CHEUNG LAM STREET

CHEUNG LUNG STREET

CHEUNG KWONG STREET

CHEUNG SHING STREET

CHEUNG WAN ROAD

CHEUNG TUNG ROAD

CHEUNG TAT ROAD

CHEUNG TAI ROAD

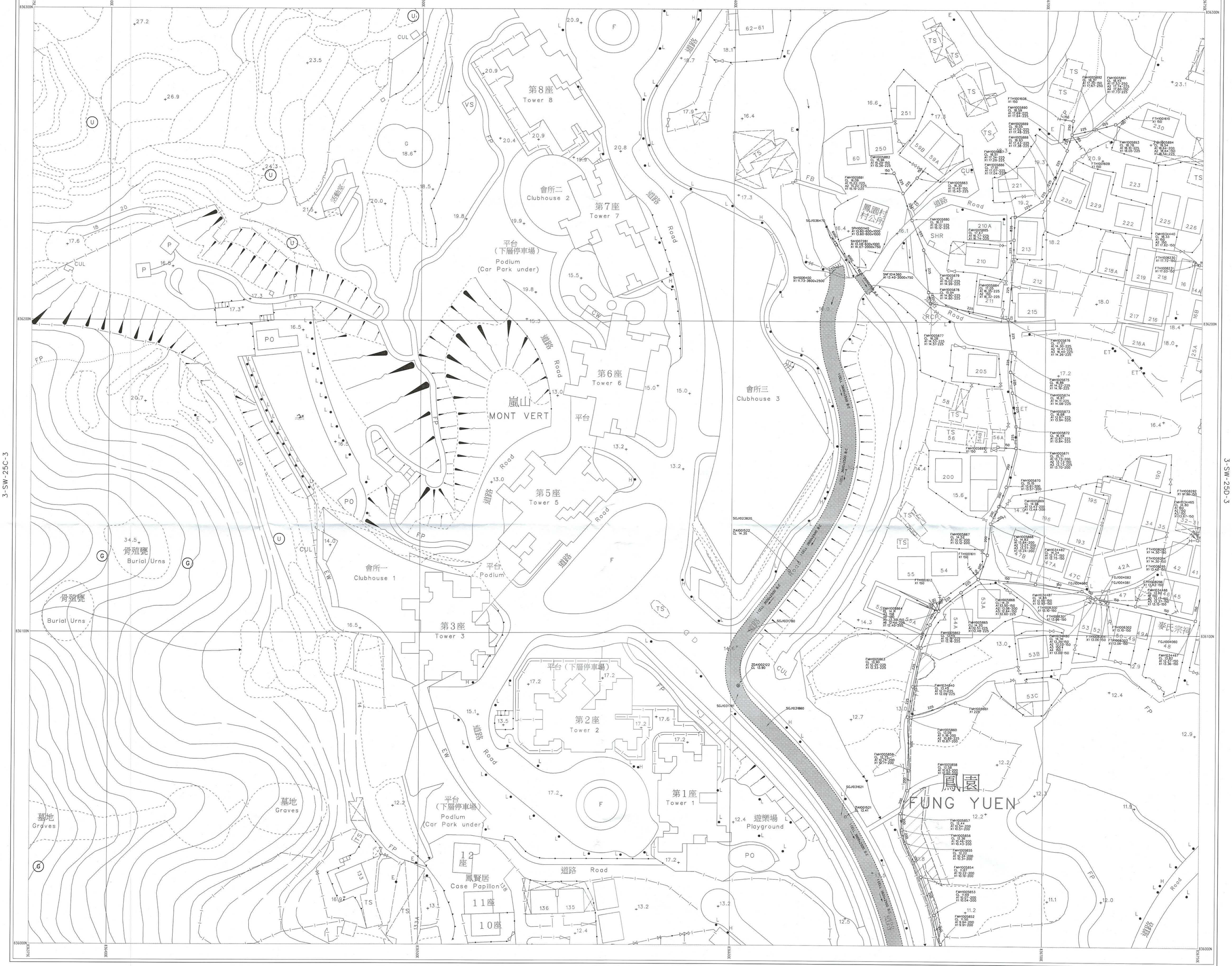
CHEUNG YUE ROAD

CHEUNG KOK ROAD

CHEUNG SHA WAN ROAD

CHEUNG SHA WAN ROAD

CHEUNG SHA WAN



7-NW-5A-2

Please note that drainage information is now available in the GeoInfo Map services of the Lands Department (https://www.map.gov.hk/gm/?lg=en). Please refer to the Quick Reference Guide of the system for the operation.

For legend of drainage record plans, please refer to the following URL: (https://www.dsd.gov.hk/EN/Files/Legend_BW.pdf)

Metres 20 10 0 20 40 60 80 100 Metres

SCALE 1 : 500

Mainland North Division
Drainage Services Department

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Drainage Record Sheet Number

3-SW-25C-4

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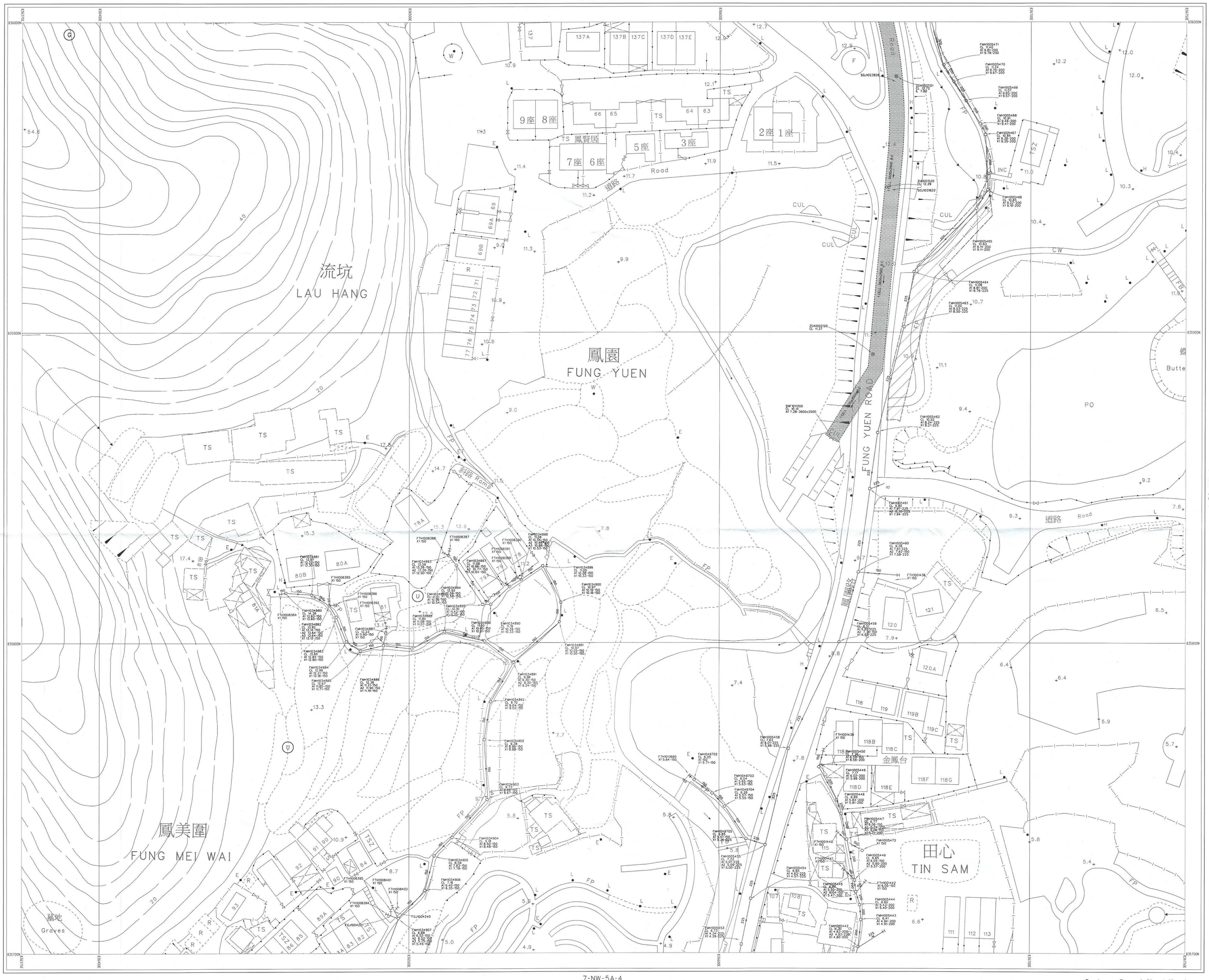
3 JUN 2025



7-NW-5A-1

7-NW-5B-1

7-NW-5A-4

Please note that drainage information is now available in the GeoInfo Map services of the Lands Department (https://www.map.gov.hk/gm/?lg=en). Please refer to the Quick Reference Guide of the system for the operation.

For legend of drainage record plans, please refer to the following URL: (https://www.dsd.gov.hk/EN/Files/Legend_BW.pdf)

Metres 20 10 0 20 40 60 80 100 Metres

SCALE 1 : 500

Mainland North Division
Drainage Services Department

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Drainage Record Sheet Number

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Last Updating : 1/4/2025

Map data renewed on January 2025

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For legend of drainage record plans, please refer to the following URL: (https://www.dsd.gov.hk/EN/Files/Legend_BW.pdf)

7-NW-5C-2

SCALE 1 : 500

Metres 20 10 0 20 40 60 80 Metres 100

Mainland North Division
Drainage Services Department

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Drainage Record Sheet Number

7-NW-5A-4

Last Updating : 1/4/2025

Map data renewed on January 2025

3 JUN 2025

Appendix E

Location Plan of Proposed Sewage Treatment Plant

REZONING APPLICATION AT FUNG YUEN ROAD, TAI PO, N.T.

Indicative Layout Plan

Commercial & Public Vehicle Park
2
21mPD

T6
28
102mPD

T5
28
99mPD

T4
29
99mPD

T7
30
99mPD

T1
28
96mPD

T3
28
96mPD

Clubhouse
3

T2
24
85mPD

Social Welfare Complex
8
36mPD

+12mPD
+9mPD
+7.5mPD
+8.0mPD
+7.5mPD
+4.85mPD

A
B
C
D
E
F
G

Discharge to Public Sewerage System

Discharge Location for Sewage Treatment Plant

Location of Sewage Treatment Plant and Equalization Tank (At B3/F)*

流坑 LAU HANG

鳳美圍 FUNG MEI WAI

芊色花園 LE JARDIN

田心 TIN SAM

FUNG YUEN ROAD

TING KOK ROAD

Tai Po Community Library

Tai Po Community Theatre

Fung Yuen Playground

Football Field

Tin Sam Sewage Pumping Station

Phendia Villa

LEGEND:

- Development Site
- E.V.A.
- 29 — No. of storeys
- mPD — metres above Principal Datum
- Stream

REMARKS:

G/F Level = +7mPD - +12mPD

* PLEASE NOTE THE AREA DEMARCATIONS ARE APPROXIMATE ONLY

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1 : 1000 (A2) 1:1500 (A3)

10/09/2025

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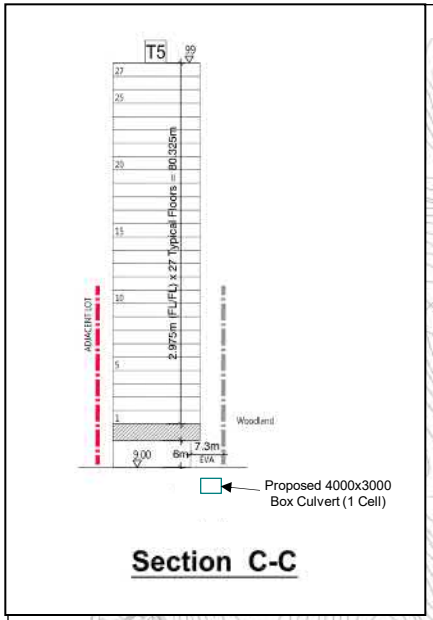
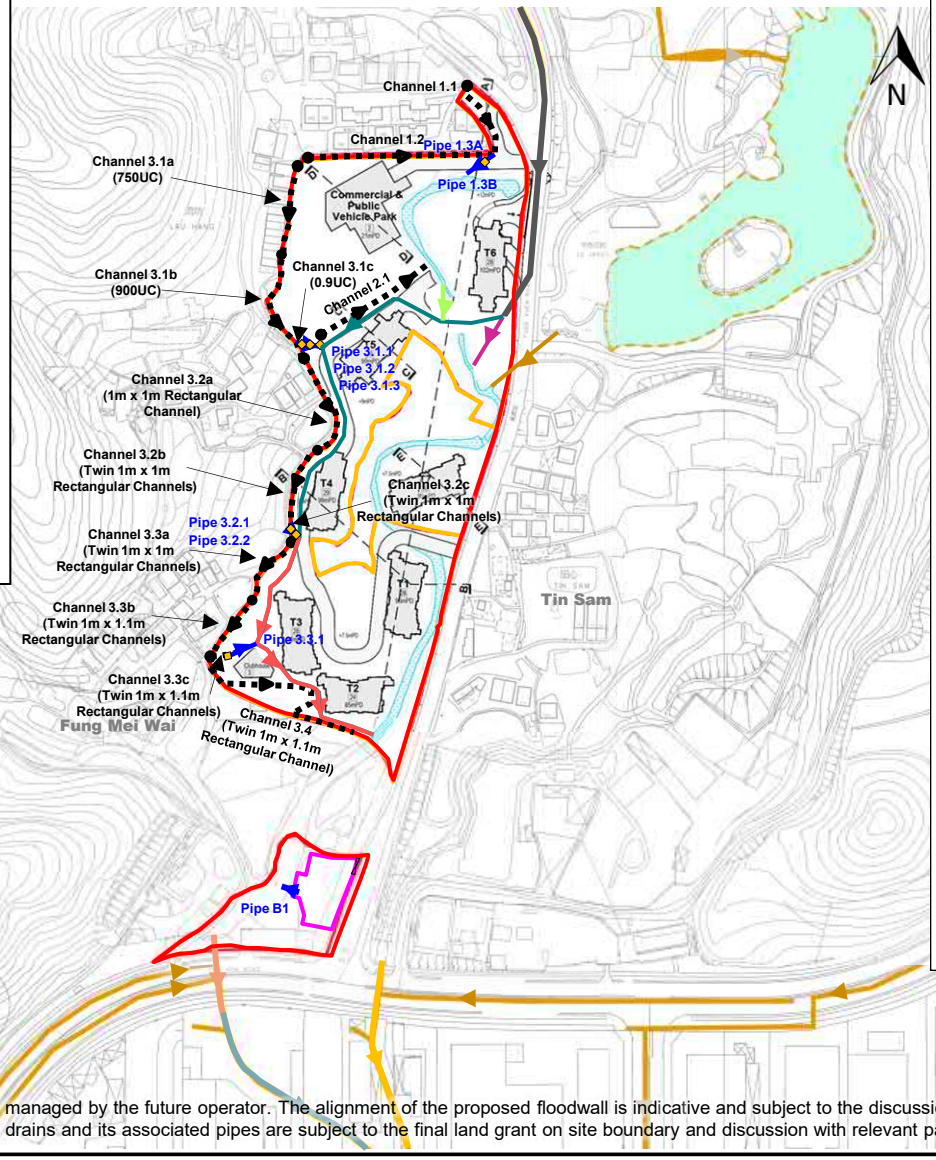


Section C-C



Legend

- Stream Course
- Storm Storage Pond
- Development Site Boundary
- Development Phase Boundary
- Existing Drainage System (225-1800mm Pipe)
- Existing 3800x2100 Box Culverts (3 Cells)
- Existing 4000x2700 Box Culverts (3 Cells)
- Existing 4000x2700 Box Culvert (1 Cell) (Near Ting Kok Road)
- Existing 3600x2500 Culvert (1 Cell)
- Proposed 4000x3000 Box Culvert (1 Cell)
- Proposed 4000x3500 Box Culvert (1 Cell)
- Proposed 1650mm Pipe
- Proposed 1050mm Pipe
- Proposed floodwall of the social welfare complex
- Proposed Boundary Drains with cover
- Proposed Backdrop Manhole

Remarks:
* The proposed Social Welfare Complex will be managed by the future operator. The alignment of the proposed floodwall is indicative and subject to the discussion with relevant parties at detailed design stage.
* The final alignment of the proposed boundary drains and its associated pipes are subject to the final land grant on site boundary and discussion with relevant parties at detailed design stage.

Project	**Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories**
Title	**Proposed Drainage System**

MOTT MACDONALD

Appendix A3

Date	Scale	File
Sep 2025	N.T.S.	

Appendix F

Sewerage Catchment Index Plan and Proposed Sewerage Plan

Existing Sewerage Plan

Fung Yuen Lo Tsuen A (A1)

Fung Yuen Lo Tsuen B (A2)

Mak Uk (A3)

Sewerage Discharge From Upstream Catchment Area A

FMH1005471

Sewerage Discharge To Downstream

FUNG YUEN ROAD

鳳園 FUNG YUEN

芊色花園 LE JARDIN

麥屋 MAK UK

園老村 FUNG YUEN LO TSUEN

骨殖窿 Burial Urns

會所三 Clubhouse 3

第1座 Tower 1

遊樂場 Playground

WIP May 2022

Existing Sewerage Plan

Sewerage Discharge From Upstream

FMH1005471
A1 9.81-200
X1 9.78-200

FMH1005470
A1 9.70-200
X1 9.67-200

FMH1005469
A1 9.60-200
X1 9.57-200

FMH1005468
A1 9.46-200
X1 9.41-200

FMH1005467
A1 9.38-200
X1 9.35-200

FMH1005466
A1 9.22-200
X1 9.19-200

FMH1005465
A1 9.14-200
X1 9.11-200

FMH1005464
A1 8.81-200
X1 8.78-225

FMH1005463
A1 8.53-225
X1 8.50-225

FMH1005462
A1 8.24-225
X1 8.21-225

FMH1005461
A1 7.97-225
X1 7.94-225

FMH1005460
A1 7.61-225
X1 7.58-225

FMH1005459
A1 6.85-225
X1 6.82-225

FTH1013660
X1 5.64-150

FMH1005458
A1 6.01-225
X1 5.98-225

FMH1049702
A1 150
X1 5.71-150

FMH1049703
A1 5.65-150
X1 5.63-150

FMH1049704
A1 5.57-150
X1 5.55-150

FMH1049705
A1 5.41-150
X1 5.36-225

FWD106530

FMH1005455
A1 5.09-225
X1 5.00-225

FMH1005454
A1 4.62-225
X1 4.57-225

FMH1005453
A1 4.34-225
X1 4.29-225

FMH1005451
A1 3.81-225
X1 3.76-225

FMH1005435
A1 3.40-225
X1 3.35-225

Sewerage Discharge From Catchment C

FMH1005434
A1 2.68-225
X1 2.58-225

FMH1005433
A1 2.22-225
X1 2.20-225

FMH1005432
A1 1.93-225
X1 1.89-225

FMH1005430
A1 1.65-225
X1 1.61-225

FMH1005429
A1 1.53-225
X1 1.48-225

FMH1005428
A1 0.79-225
X1 0.74-225

FMH1005427
A1 -0.35-225
X1 -0.40-225

Sewerage Discharge To Tin Sam Sewage Pumping Station

FTH1008402
X1 150

FTH1008401
X1 150

FTH1008395
X1 150

FTH1008394
X1 150

FMH1034907
A1 6.52-150
A2 6.52-150
A3 5.75-150
X1 5.45-150

FMH1034909
A1 6.11-150
X1 6.09-150

FTH1008393
X1 150

FMH1034910
A1 6.01-150
A2 4.91-150
A3 4.91-150
X1 4.89-150

Tin Sam (C1)

Le Jardin (C2)

流坑 LAU HANG

鳳園 FUNG YUEN

鳳美園 FUNG MEI WAI

芊色花園 LE JARDIN

TING KOK ROAD

Fung Yuen Road

Fung Yuen Playground

Football Field

Cycling Track

Society of Horticulture, Hong Kong

Phenolx Villa

Proposed Sewerage Plan

Commercial Complex (B2)

Phase I Residential Towers (B1)

Phase II Residential Towers (E)

Swimming Pool (B3)

Social Welfare Complex (D1)

Tin Sam (C1)

Le Jardin (C2)

Sewerage Discharge From Upstream

FMH1005471
A1 9.81-200
X1 9.78-200

FMH1005470
A1 9.70-200
X1 9.67-200

FMH1005469
A1 9.60-200
X1 9.57-200

FMH1005468
A1 9.46-200
X1 9.41-200

FMH1005467
A1 9.38-200
X1 9.35-200

FMH1005466
A1 9.22-200
X1 9.19-200

FMH1005465
A1 9.14-200
X1 9.11-200

FMH1005464
A1 8.81-200
X1 8.78-225

FMH1005463
A1 8.53-225
X1 8.50-225

FMH1005462
A1 8.24-225
X1 8.21-225

FMH1005461
A1 7.97-225
X1 7.94-225

FMH1005460
A1 7.61-225
X1 7.58-225

FMH1005459
A1 6.85-225
X1 6.82-225

FMH1005458
A1 6.01-225
A2 6.01-225
X1 5.98-225

Proposed Terminal Manhole 3
X1 6.06-225

FMH1005455
A1 5.09-225
X1 5.00-225

FMH1005454
A1 4.62-225
X1 4.57-225

FMH1005453
A1 4.34-225
X1 4.29-225

FMH1005451
A1 3.81-225
X1 3.76-225

FMH1005435
A1 3.40-225
X1 3.35-225

FTH1008402
X1 150

FTH1008401
X1 150

FTH1008395
X1 150

FTH1008394
X1 150

FMH1034907
A1 6.52-150
A2 6.52-150
A3 5.75-150
X1 5.45-150

Proposed Foul Water Manhole
A1 5.07-150
X1 5.07-150

FMH1034910
A1 6.01-150
A2 4.91-150
A3 4.91-150
X1 4.89-150

FMH1034909
A1 6.11-150
X1 6.09-150

FTH1008393
X1 150

Sewage Treatment Plant
X1 7.50-225

Discharge Location in Streamcourse
A1 7.10-225

Sewerage Discharge From Catchment C

FMH1005434
A1 2.68-225
X1 2.58-225

FMH1005433
A1 2.22-225
X1 2.20-225

FMH1005432
A1 1.93-225
X1 1.89-225

Proposed Terminal Manhole 2
X1 2.00-225

FMH1005430
A1 1.65-225
X1 1.61-225

FMH1005429
A1 1.53-225
A2 1.53-225
X1 1.48-225

FMH1005428
A1 0.79-225
X1 0.74-225

FMH1005427
A1 -0.35-225
X1 -0.40-225

Sewerage Discharge To Tin Sam Sewage Pumping Station

鳳園 FUNG YUEN

鳳美園 FUNG MEI WAI

芊色花園 LE JARDIN

TING KOK ROAD

FUNG YUEN ROAD

Fung Yuen Playground

Football Field

Cycling Track

Society of Horticulture, Hong Kong

Appendix G

Hydraulic Design Check for Proposed Sewerage System

P2319 Fung Yuen

Rev date: 4/5/2025

Sewerage Drainage Design

Proposed Sewerage Scheme

Catchment Label		*Area A Phase II (Area E)*	*Social Welfare Complex (Area D)*	*Fuen Yuen Lo Tsuen A + Fuen Yuen Lo Tsuen B + Mak Uk (Area A)*	*Tin Sum + Le Jardin (Area C)*	*Sewage Treatment Plant*									
Peak Foul Water Flow (m^3/s)		0.0134	0.0050	0.0149	0.0040	0.0428									

From Sewerage Manual Part 1, Third Edition, May 2013:

Colebrook-White Equation for circular pipes flowing full,

Velocity, V = $-\sqrt{(8gDs)}\ \log\left(\frac{ks}{3.7D} + \frac{2.51v}{D\sqrt{(2gDs)}}\right)$

Capacity, Q = $V \times \pi \times D^2 / 4$

Assumptions:

Kinematic Viscosity of fluid, v =	0.00000114	m^2/s	(For Sewerage)
Hydraulic Pipeline Roughness, ks =	3	mm	(for slimed sewers - clayware in poor condition; Table 5, Sewerage Manual Part 1, Third Edition, May 2013)
Kinematic Viscosity of fluid, v =	0.000001	m^2/s	(For Treated Sewerage)
Hydraulic Pipeline Roughness, ks =	0.6	mm	(Concrete (Precast Concrete Pipes with 'O' Ring Joints in poor condition))

From Manhole	*To Manhole*	*Diameter, D (m)*	*Cross-section (m^2)*	*Wetted Perimeter (m)*	*Length (m)*	*Inlet Invert*	*Outlet Invert*	*Slope, s*	*Hydraulic Radius (m)*	*Viscosity, v (m^2/s)*	*Roughness, ks (m)*	*Velocity, V (m/s)*	*Capacity, Q (m^3/s)*	*Estimated FLow, F (m^3/s)*	*Ref. Area*	*% of Capacity*
Proposed Social Welfare Complex + Fuen Yuen Lo Tsuen A + Fuen Yuen Lo Tsuen B + Mak Uk + Tin Sum + Le Jardin + Proposed Area A Phase II																
FMH1005458	FMH1005455	0.225	0.040	0.707	32.70	5.98	5.09	0.027	0.056	0.00000114	0.003	1.69	0.0672	0.0282	Area A+Area E	42.0%
FMH1005455	FMH1005454	0.225	0.040	0.707	16.70	5.00	4.62	0.023	0.056	0.00000114	0.003	1.55	0.0615	0.0282	Area A+Area E	45.9%
FMH1005454	FMH1005453	0.225	0.040	0.707	13.30	4.57	4.34	0.017	0.056	0.00000114	0.003	1.35	0.0536	0.0282	Area A+Area E	52.7%
FMH1005453	FMH1005451	0.225	0.040	0.707	12.30	4.29	3.81	0.039	0.056	0.00000114	0.003	2.03	0.0805	0.0282	Area A+Area E	35.1%
FMH1005451	FMH1005435	0.225	0.040	0.707	17.25	3.76	3.40	0.021	0.056	0.00000114	0.003	1.48	0.0589	0.0282	Area A+Area E	48.0%
FMH1005435	FMH1005434	0.225	0.040	0.707	31.40	3.35	2.68	0.021	0.056	0.00000114	0.003	1.50	0.0595	0.0322	Area A+Area C+Area E	54.2%
FMH1005434	FMH1005433	0.225	0.040	0.707	38.50	2.58	2.22	0.009	0.056	0.00000114	0.003	0.99	0.0394	0.0322	Area A+Area C+Area E	81.9%
FMH1005433	FMH1005432	0.225	0.040	0.707	23.80	2.20	1.93	0.011	0.056	0.00000114	0.003	1.09	0.0434	0.0322	Area A+Area C+Area E	74.3%
FMH1005432	FMH1005430	0.225	0.040	0.707	28.30	1.89	1.65	0.008	0.056	0.00000114	0.003	0.94	0.0375	0.0322	Area A+Area C+Area E	86.0%
FMH1005430	FMH1005429	0.225	0.040	0.707	5.00	1.61	1.53	0.016	0.056	0.00000114	0.003	1.30	0.0515	0.0322	Area A+Area C+Area E	62.6%
FMH1005429	FMH1005428	0.225	0.040	0.707	19.90	1.48	0.79	0.035	0.056	0.00000114	0.003	1.91	0.0759	0.0372	Area A+Area C+Area D+Area E	49.0%
FMH1005428	FMH1005427	0.225	0.040	0.707	37.00	0.74	-0.35	0.029	0.056	0.00000114	0.003	1.76	0.0699	0.0372	Area A+Area C+Area D+Area E	53.1%
Proposed Area A Phase II to Main																
Terminal manhole 3	FMH1005458	0.225	0.040	0.707	11	6.06	6.01	0.005	0.056	0.00000114	0.003	0.69	0.0274	0.0134	Area E	48.7%
Proposed Area D to Main																
Terminal manhole 2	FMH1005429	0.225	0.040	0.707	12	2.00	1.53	0.039	0.056	0.00000114	0.003	2.03	0.0807	0.0050	Area D	6.1%
STP to Streamcourse*																
Sewage Treatment Plant	Streamcourse	0.225	0.040	0.707	13	7.50	7.10	0.03	0.056	0.000001	0.0006	2.30	0.0916	0.0428	STP	46.7%

*Sewerage shall be treated by Sewage Treatment Plant to improve effluent quality before discharging to the streamcourse with no adverse impact

Extracted from DIA Report

The STP discharge point will be located near to T2 which is close to the Control Point 4a. The maximum water level of Point 4a is 6.790mPD.

Table 4.2: Predicted peak water levels and freeboard of stream near the Site under 10, 50 and 200 years flood events for the enti

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
10A	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.649	-1.029	-1.940	9.000	12.000	6.536	2.464	5.464	-2.113
	2	Section 7-7-Section 8-8	7.100	7.138	8.576	-1.476	-1.438	9.000	9.000	7.075	1.925	1.925	-1.501
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.968	-1.038	-0.378	8.00	7.590	6.446	1.554	1.144	-1.522
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.568	-0.848	-0.168	8.00	7.500	6.294	1.706	1.206	-1.274
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	6.851	-0.627	-0.470	7.200	7.500	5.523	1.677	1.977	-1.328
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	4.895	-0.305	0.727	7.500	5.622	4.662	2.838	0.960	-0.233
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	4.695	-0.230	-0.669	4.465	4.026	4.668	-0.203	-0.642	-0.027
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	4.656	-0.907	-1.231	3.749	3.425	4.690	-0.941	-1.265	0.034
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	4.682	-1.042	-1.682	3.640	3.000	4.728	-1.088	-1.728	0.046
10B	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.296	-0.676	-1.587	9.000	12.000	5.687	3.313	6.313	-2.609
	2	Section 7-7-Section 8-8	7.100	7.138	8.289	-1.189	-1.151	9.000	9.000	6.988	2.012	2.012	-1.301
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.712	-0.782	-0.122	8.00	7.590	6.358	1.642	1.232	-1.354
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.337	-0.617	0.063	8.00	7.500	6.225	1.775	1.275	-1.112
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	6.605	-0.381	-0.224	7.200	7.500	5.473	1.727	2.027	-1.132
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	4.906	-0.316	0.716	7.500	5.622	4.814	2.686	0.808	-0.092
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-	4.465	4.026	4.819	-0.354	-0.793	4.465	4.026	4.827	-0.362	-0.801	0.008

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
		FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH											
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	4.818	-1.069	-1.393	3.749	3.425	4.844	-1.095	-1.419	0.026
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	4.849	-1.209	-1.849	3.640	3.000	4.861	-1.221	-1.861	0.012
50A	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.885	-1.265	-2.176	9.000	12.000	7.503	1.497	4.497	-1.382
	2	Section 7-7-Section 8-8	7.100	7.138	8.717	-1.617	-1.579	9.000	9.000	7.229	1.771	1.771	-1.488
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	8.106	-1.176	-0.516	8.00	7.590	6.544	1.456	1.046	-1.562
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.698	-0.978	-0.298	8.00	7.500	6.372	1.628	1.128	-1.326
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	7.006	-0.782	-0.625	7.200	7.500	5.619	1.581	1.881	-1.387
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	5.640	-1.050	-0.018	7.500	5.622	5.526	1.974	0.096	-0.114
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	5.568	-1.103	-1.542	4.465	4.026	5.540	-1.075	-1.514	-0.028
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	5.559	-1.810	-2.134	3.749	3.425	5.543	-1.794	-2.118	-0.016
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	5.561	-1.921	-2.561	3.640	3.000	5.572	-1.932	-2.572	0.011
50B	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.649	-1.029	-1.940	9.000	12.000	7.281	1.719	4.719	-1.368
	2	Section 7-7-Section 8-8	7.100	7.138	8.576	-1.476	-1.438	9.000	9.000	7.117	1.883	1.883	-1.459
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.969	-1.039	-0.379	8.00	7.590	6.474	1.526	1.116	-1.495
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.568	-0.848	-0.168	8.00	7.500	6.308	1.692	1.192	-1.260
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	6.869	-0.645	-0.488	7.200	7.500	5.916	1.284	1.584	-0.953

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	5.956	-1.366	-0.334	7.500	5.622	5.904	1.596	-0.282	-0.052
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	5.920	-1.455	-1.894	4.465	4.026	5.910	-1.445	-1.884	-0.010
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	5.920	-2.171	-2.495	3.749	3.425	5.901	-2.152	-2.476	-0.019
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	5.921	-2.281	-2.921	3.640	3.000	5.924	-2.284	-2.924	0.003
200A	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.917	-1.297	-2.208	9.000	12.000	7.911	1.089	4.089	-1.006
	2	Section 7-7-Section 8-8	7.100	7.138	8.737	-1.637	-1.599	9.000	9.000	7.288	1.712	1.712	-1.449
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	8.132	-1.202	-0.542	8.00	7.590	6.602	1.398	0.988	-1.530
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.724	-1.004	-0.324	8.00	7.500	6.419	1.581	1.081	-1.305
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	7.033	-0.809	-0.652	7.200	7.500	5.747	1.453	1.753	-1.286
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	5.827	-1.237	-0.205	7.500	5.622	5.719	1.781	-0.097	-0.108
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	5.765	-1.300	-1.739	4.465	4.026	5.729	-1.264	-1.703	-0.036
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	5.756	-2.007	-2.331	3.749	3.425	5.717	-1.968	-2.292	-0.039
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	5.754	-2.114	-2.754	3.640	3.000	5.750	-2.110	-2.750	-0.004
200B	1	Section 5-5-Section 5-5-Section 6-6	7.620	6.709	8.649	-1.029	-1.940	9.000	12.000	8.097	0.903	3.903	-0.552
	2	Section 7-7-Section 8-8	7.100	7.138	8.576	-1.476	-1.438	9.000	9.000	7.289	1.711	1.711	-1.287
	3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160	6.930	7.590	7.981	-1.051	-0.391	8.00	7.590	6.850	1.150	0.740	-1.131

Case	Control Points	Cross Section line ID	Existing Condition					Proposed Condition (with mitigation)					Change in Water Level (m) (i.e. Proposed Condition- Existing Condition)
			West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	West Bank Level (mPD)	East Bank Level (mPD)	Water Level (mPD)	West Bank Freeboard (m)	East Bank Freeboard (m)	
	3b	FUNG_YUEN_W_CH1160	6.720	7.400	7.586	-0.866	-0.186	8.00	7.500	6.791	1.209	0.709	-0.795
	3c	FUNG_YUEN_W_CH1200-HF279-1	6.224	6.381	7.089	-0.865	-0.708	7.200	7.500	6.788	0.412	0.712	-0.301
	4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400	4.590	5.622	6.808	-2.218	-1.186	7.500	5.622	6.790	0.710	-1.168	-0.018
	5a*	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH	4.465	4.026	6.802	-2.337	-2.776	4.465	4.026	6.810	-2.345	-2.784	0.008
	5b*	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450	3.749	3.425	6.815	-3.066	-3.390	3.749	3.425	6.852	-3.103	-3.427	0.037
	6*	FUNG_YUEN_W_CH1450	3.640	3.000	6.826	-3.186	-3.826	3.640	3.000	6.824	-3.184	-3.824	-0.002

Remarks:-

1. Location of control points refers to **Appendix E**.
2. +ve value of freeboard indicates predicted water level is lower than the river bank level.
3. -ve value of freeboard indicates predicted water level is higher than the river bank level.
4. Under proposed condition, river banks within Site boundaries are adjusted due to the increase of site formation.

* Due to the backwater effect under high tide condition, water level at control points 5a, 5b and 6 is relatively high. However, the downstream drainage network has sufficient capacity under low tide condition.

Appendix 3

Ecological Impact Assessment

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land , Fung Yuen, Tai Po, New Territories

Ecological Impact Assessment

15 September 2025

Project No.: 0616883

The business of sustainability

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15 September 2025

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land , Fung Yuen, Tai Po, New Territories

Ecological Impact Assessment



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1. INTRODUCTION

1.1 Project Background

This S.12A application is to seek the Town Planning Board's approval for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") for the proposed development at various lots in D.D. 11 and adjoining Government Land in Fung Yuen, Tai Po, New Territories ("the Development Site").

The proposed development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B).

The Applicant submitted an s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and a relaxation of the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The Proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely formed by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

To support this planning application, ERM was appointed by the applicant to undertake a baseline ecological survey of the Development Site and assess the potential ecological impacts arising from the proposed development.

1.2 Scope of Works

This Ecological Impact Assessment (EcoIA) has been prepared in support of the proposed amendments to the OZP for the Development Site. The EcoIA presents the findings of the ecological baseline surveys and evaluates the ecological value of the Fung Yuen Development Site (hereinafter refer to as the Development Site) and the areas within 100m from the boundary of the Development Site (hereinafter refer to as the Surrounding Study Area; for a clearer presentation, the Surrounding Study Area in this report does not include the Development Site unless otherwise specified). Potential ecological impacts are predicted based on the evaluation, with measures proposed to mitigate impacts on important habitats, flora and fauna species.

2. LEGISLATIVE REQUIREMENTS AND EVALUATION CRITERIA

Reference has been made to the *Technical Memorandum on Environmental Impact Assessment Process* (EIAO-TM) issued under the EIAO in the evaluation of potential ecological impacts, particularly *Annex 8 Criteria for Evaluating Ecological Impact* and *Annex 16 Guidelines for Ecological Assessment.* Annex 16 of the EIAO-TM sets out the general approach and methodology for assessment of ecological impacts arising from a project or proposal, to allow a complete and objective identification, prediction and evaluation of the potential ecological impacts. Annex 8 recommends the criteria that can be used for evaluating ecological impacts.

The following Guidance Notes have also been taken to account.

- GN 6/2010 *Some Observations on Ecological Assessment from the Environmental Impact Assessment Ordinance Perspective*,
- GN 7/2023 *Ecological Baseline Survey for Ecological Assessment*, and
- GN 10/2023 *Methodologies for Terrestrial and Freshwater Ecological Baseline Surveys*.

In addition, the following legislation and guidelines provide the framework for conducting ecological surveys and the protection of species and habitats of ecological importance for ecological impact assessment in Hong Kong:

- *Forests and Countryside Ordinance* (Cap. 96),
- *Town Planning Ordinance* (Cap. 131),
- *Wild Animals Protection Ordinance* (Cap. 170),
- *Protection of Endangered Species of Animals and Plants Ordinance* (Cap. 586),
- *Hong Kong Planning Standards and Guidelines Chapter 10* (HKPSG),
- PRC Regulations and Guidelines,
- China Red Data Book of Endangered Species, and
- *IUCN Red List* Categories and Criteria.

The *Forests and Countryside Ordinance* (Cap. 96) prohibits felling, cutting, burning or destroying of trees and growing plants in forests and plantations on Government land. The subsidiary Forestry Regulations prohibit the picking, felling or possession of listed rare and protected plant species. The list of protected species in Hong Kong which comes under the Forestry Regulations was last amended on 11 June 1993 under the Forestry (Amendment) Regulation 1993 made under Section 3 of the Forests and Countryside Ordinance.

The *Town Planning Ordinance* (Cap. 131) provides for the designation of areas such as “Coastal Protection Areas”, “Sites of Special Scientific Interest (SSSIs)”, “Green Belt” and "Conservation Area” to promote conservation or protection or protect significant habitat. Chapter 10 of HKPSG covers planning considerations relevant to conservation. This chapter details the principles of conservation, the conservation of natural landscape and habitats, historic buildings, archaeological sites and other antiquities. It also addresses the issue of enforcement. The appendices list the legislation and administrative controls for conservation, other conservation related measures in Hong Kong, and Government departments involved in conservation.

Under the *Wild Animals Protection Ordinance* (Cap. 170) designated wild animals are protected from being hunted, whilst their nests and eggs are protected from destruction and removal. All birds and most mammals including all cetaceans are protected under this Ordinance, as well as certain reptiles, amphibians and invertebrates. The Second Schedule of the Ordinance that lists all the animals protected was last revised in June 1997.

The *Protection of Endangered Species of Animals and Plants Ordinance* (Cap. 586) was enacted to align Hong Kong to control regime with the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). With effect from 1 December 2006, it replaces the Animals and

Plants (Protection of Endangered Species) Ordinance (Cap. 187). The purpose of the Protection of Endangered Species of Animals and Plants Ordinance is to restrict the import and export of species listed in CITES Appendices so as to protect wildlife from overexploitation or extinction. The Ordinance is primarily related to controlling trade in threatened and endangered species and restricting the local possession of them.

Chapter 10 of the *HKPSG* covers planning considerations relevant to conservation. This chapter details the principles of conservation, the conservation of natural landscape and habitats, historic buildings, archaeological sites and other antiquities. It also addresses the issue of enforcement. The appendices list the legislation and administrative controls for conservation, other conservation related measures in Hong Kong and Government departments involved in conservation.

In 1988 the Peoples' Republic of China (PRC) ratified the Wild Animal Protection Law, which lays down basic principles for protecting wild animals. The Law prohibits killing of protected animals, controls hunting, and protects the habitats of wild animals, both protected and non-protected. The Law also provides for the creation of lists of animals protected at the state level, under Class I and Class II. There are 96 animal species in Class I and 156 in Class II. Class I provides a higher level of protection for animals considered to be more threatened.

China Red Data Book of Endangered Species is a joint publication of China National Environmental Protection Agency (NEPA) and the Endangered Species Scientific Commission, PRC (ESSC). The first four volumes of this series cover China's vertebrates (i.e. aves, pisces, amphibia, reptilian and mammalia). The criteria of categories of species included in these volumes are 'extinct', 'extirpated', 'endangered', 'vulnerable', 'indeterminate' and 'rare'. These categories are basically based on the criteria set out by the IUCN Species Survival Commission (IUCN-SSC) for its global Red List. However, there are some important differences. The category "Extirpated" includes those species which experts believe have been lost from China, although they may be secure in the other countries. The use of the category "Rare" has been discontinued by the IUCN-SSC, however, it is used here for those species that have always been rare in China but are not necessary to be vulnerable or endangered.

The International Union for Conservation of Nature and Natural Resources (IUCN) Red List of Threatened Species provides taxonomic, conservation status and distribution information on taxa that have been evaluated using the IUCN Red List Categories and Criteria. This system is designed to determine the relative risk of extinction, and the main purpose of the IUCN Red List is to catalogue and highlight those taxa that are facing a higher risk of global extinction. The IUCN Red List also includes information on taxa that are either close to meeting the threatened thresholds or that would be threatened were it not for an ongoing taxon-specific conservation programme.

3. ECOLOGICAL BASELINE CONDITIONS

3.1 Recognised Sites of Conservation Importance

Three recognised sites of conservation importance were identified in the vicinity of the Surrounding Study Area and Development Site. Details of the sites are discussed below, and their locations are shown in ***Figure 3.1***.

3.1.1 Fung Yuen Valley Site of Special Scientific Interest (SSSI)

Fung Yuen Valley SSSI is located approximately 300m to the north of the Development Site. Fung Yuen Valley SSSI was designated in February 1980 owing to its outstanding butterfly community. More than 200 butterfly species have been recorded since systematic surveys commenced in 2002. The forested ravines are the breeding site of some rare butterflies such as Common Birdwing *Troides helena*, Golden Birdwing *Troides aeacus* and White Dragontail *Lamproptera curius*.

3.1.2 Fung Yuen Butterfly Reserve

Fung Yuen Butterfly Reserve was set up in 2005 and is currently managed by Tai Po Environmental Association (TPEA). TPEA obtained funding from the Environment and Conservation Fund (ECF) and land from various owners, who licensed its landholding in the SSSI at nominal rent to the TPEA to manage the Reserve proactively for butterfly conservation, under a Pilot Conservation Management Agreement Project. It is located approximately 300m from the north of the Development Site.

3.1.3 Pat Sin Leng Country Park

Pat Sin Leng Country Park covers 3,125 hectares of natural terrain in the Northeastern New Territories. Near Lau Shui Heung Reservoir and Hok Tau Reservoir, there are profuse plantations and wooded valleys with both native and exotic flora species. The catchment forests provide important habitat to avian species such as Hwamei *Garrulax canorus* and Common Kingfisher *Alcedo atthis*, as well as mammal species such as Chinese Pangolin *Manis pentadactyla* and Leopard Cat *Prionailurus benegalensis.* It is located ~1,000m from the north of the Development Site.

3.2 Literature Review

A literature review was conducted to determine the existing ecological conditions within the Surrounding Study Area and to identify habitat resources and species of potential importance. The literature reviewed included:

- Porcupine! (Newsletter of Department of Ecology & Biodiversity, University of Hong Kong) [(1)] ;
- Hong Kong Biodiversity (Agriculture, Fisheries and Conservation Department Newsletters) [(2)];
- The Avifauna of Hong Kong [(3)];
- Annual Reports of Hong Kong Bird Watching Society [(4)];
- Hong Kong Amphibians and Reptiles [(5)];
- A Field Guide to the Amphibians of Hong Kong [(6)];

(1) *Newsletter of Department of Ecology & Biodiversity*, University of Hong Kong
(2) Agriculture, Fisheries and Conservation Department Newsletters (2002 – 2012). *Hong Kong Biodiversity*. Issues 1 - 22
(3) Carey, G.J., Chalmers, M.L., Diskin, D.A., Kennerley, P.R., Leader, P.J., Leven, M.R., Lewthwaite, R.W., Melville, D.S., Turnbull, M., and Young, L. (2001) The Avifauna of Hong Kong. Hong Kong Bird Watching Society, Hong Kong.
(4) *Hong Kong Bird Watching Society (1990 -2000).* Annual Reports
(5) Karsen, S. J., Lau, M. W. N. and Bogadek, A. (1998). *Hong Kong Amphibians and Reptiles*. Urban Council, Hong Kong
(6) AFCD (2005*). A Field Guide to the Amphibians of Hong Kong*. Friends of Country Park.

- Field Guide to the Dragonflies of Hong Kong [7];
- Field Guide to Butterfly Watching in Hong Kong [8];
- Gymnosperms and Angiosperms of Hong Kong [9];
- Orchidaceae of Hong Kong [10];
- Planning Application for Residential and Agricultural Development within "CDA (1)" Zone at Fung Yuen Tai Po (the 2000 Planning Study) [11];
- Preparation of Five-Year Management Plan for Butterfly Conservation in Fung Yuen Valley Site of Special Scientific Interest (the Fung Yuen Valley SSSI Study) [12];
- Environmental Assessment for Pilot Project for Public-Private Partnership Conservation Scheme, Sha Lo Tung Valley, Tai Po (the SLT PPP Pilot Study) [13];
- Ecological Assessment for General Building Plans Submission for Tai Po, N.T., T.P.T.L. No. 183 [14]; and
- Ecological Impact Assessment in Support of a Section 12A Application for Residential Development at Fung Yuen 2018 [15].

The latest study which covered the current Development Site was conducted in September and October 2018 to investigate the potential ecological impacts owing to the proposed residential development at a similar location to the current Development Site but without the southern portion near Ting Kok Road. The 2018 [8] study concluded that the Development Site was dominated by grassland and shrubland-grassland habitats, both of low ecological value. Flora and fauna species of conservation importance recorded within the current Surrounding Study Area from the above-mentioned relevant studies are indicated on ***Figure 3.1***.

3.3 Survey Methodology

In order to obtain a set of updated data to verify the collected information and fill information gaps from the literature review in ***Section 3.2***, a focused baseline field surveys were undertaken in September and October 2021, and additional surveys were conducted in April and May 2025, to collect up-to-date baseline information of the flora and major fauna groups of the Development Site and Surrounding Study Area. A summary of the ecological surveys conducted are shown in ***Table 3.1***.

(7) Wilson, K.D.P. (2004). *Field Guide to the Dragonflies of Hong Kong*. Friends of Country Park.
(8) Yiu V (2004). *Field Guide to the butterflies of Hong Kong*. Friends of Country Park.
(9) Xing, F.W., Ng, S.C., Chau, L.K.C. (2000). Gymnosperms and angiosperms of Hong Kong. *Memoirs of the Hong Kong Natural History Society. 23: 21-136.*
(10) Siu L P (2000). Orchidaceae of Hong Kong. *Memoirs of the Hong Kong Natural History Society. 23: 137-147.*
(11) City Planning Consultants Ltd.(2000). *Planning Application for Residential and Agricultural Development within "CDA (1)" Zone at Fung Yuen Tai Po.*
(12) Asia Ecological Consultants Ltd (2008). *Preparation of Five-Year Management Plan for Butterfly Conservation in Fung Yuen Valley Site of Special Scientific Interest.* Final Report for AFCD.
(13) ERM (August 2008). Environmental Assessment Report for *Pilot Project for Public-Private Partnership Conservation Scheme, Sha Lo Tung Valley, Tai Po.* Report for Sha Lo Tung Development Company Ltd.
(14) ERM (2009). Ecological Assessment for General Building Plans Submission for Tai Po, N.T., T.P.T.L. No. 183.
(15) ERM (2018). Ecological Impact Assessment in Support of a Section 12A Application for Residential Development at Fung Yuen. Report for Cheung Kong (Holdings) Limited.

Table 3.1 Summary of Ecological Baseline Surveys

Survey Type	Methodology
Habitat and Vegetation	Habitat mapping and vegetation identification through ground truthing in major habitats.
Bird	Quantitative (point count method) and qualitative survey including day and night surveys
Mammal	Qualitative (active searching along the survey transect); including day and night surveys
Herpetofauna	Quantitative (active searching along the survey transect) and qualitative including day and night surveys
Butterfly	Quantitative (point count method) and qualitative survey; including only day surveys
Dragonfly	Quantitative (point count method) and qualitative survey; including only day surveys
Firefly*	Quantitative (direct observation along the survey transect) and qualitative during dusk and night surveys
Aquatic fauna	Active searching in watercourse during day surveys

Note: * - Firefly survey was only conducted in additional surveys in April and May 2025 due to the updates of *EIAO-TM* and *Guidance Notes*

The ecological surveys aimed at establishing a general ecological profile of the Development Site and Surrounding Study Area and describing the characteristics of each habitat identified. The methodology for the terrestrial ecological surveys made reference to the technical guidelines of ecological assessment in *Annex 16* of *EIAO-TM* and the related *Guidance Notes (GN 6/2010*, *GN 7/2023* and *GN 10/2023*).

Details of the methodologies employed in the ecological surveys undertaken for the assessment are provided below.

3.3.1 Habitat and Vegetation Surveys

Field surveys focused on habitat and vegetation within the Development Site and the Surrounding Study Area. Special attention was given to plant species of conservation importance. The aim of the surveys was to record ecological data within the Development Site and the Surrounding Study Area and establish the ecological profile.

Habitats were mapped based on aerial photos, previous studies and field ground truthing. Representative areas of each habitat type were surveyed on foot. Plant species of each habitat type encountered and their relative abundance were recorded with special attention paid to rare or protected species. Nomenclature and conservation status of plant species follow Xing *et al*. (2000) [16], Wu and Lee (2000) [17], Siu (2000) [18], AFCD (2003) [19] and AFCD (2004) [20].

3.3.2 Wildlife Surveys

Wildlife surveys included day-time and night-time surveys. Qualitative and quantitative data were recorded from transects and using the point count method (***Figure 3.2***).

(16) Xing, F.W., Ng, S.C., Chau, L.K.C. (2000). Gymnosperms and angiosperms of Hong Kong. *Memoirs of the Hong Kong Natural History Society. 23: 21-136.*

(17) Wu, S. H. and Lee.T. C. (2000). Pteridophytes of Hong Kong. *Memoirs of the Hong Kong Natural History Society: 23:5-20.*

(18) Siu, L.P. G. (2000) Orchidaceae of Hong Kong. *Memoirs of the Hong Kong Natural History Society: 23:137-148.*

(19) AFCD (2003). Rare and Precious Plants of Hong Kong. Power Digital Printing Co. Ltd.

(20) AFCD (2004). Check List of Hong Kong Plants. Hong Kong Herbarium.

Mammals

As most mammals occurred at low densities, all sightings, tracks, and signs of mammals (including droppings) were actively searched. Nomenclature for mammals follows AFCD (2006) [21]. No quantification of abundance of mammals was made, due to the difficulties in translating sights and tracks (e.g. burrows) to actual abundance. Bat detector was used during night surveys to detect echolocation calls of foraging bats. Bats were then identified as far as possible according to the recorded echolocation call patterns.

Birds

The bird communities of the identified habitats within the Development Site and the Surrounding Study Area were surveyed using transects/ point count method subject to the on-site conditions. Five minutes were spent counting birds at each sampling point, and all birds seen or heard within 30m of each point were counted and identified to species level where possible. Birds flying directly overhead at each sampling point (e.g. birds of prey, swifts and swallows, corvids) were also included in the sampling point records. Signs of breeding (e.g. nests, recently fledged juveniles) within the Surrounding Study Area and the Development Site were also recorded, if any. Observations were made using 8x binoculars. Bird species encountered outside counting points but within the Hong Kong Study Area were also recorded to produce a complete species list. Ornithological nomenclature in this report follows AFCD's Hong Kong Biodiversity Online Database [22].

Herpetofauna

Herpetofauna surveys were conducted through direct observation and active searching in all representative habitat types along survey transects and in potential hiding places such as among leaf litter, inside holes and under stones and logs within the Development Site and the Surrounding Study Area. Auditory detection of species-specific calls was also used to survey frogs and toads. During the surveys, all reptiles and amphibians sighted and heard were recorded.

Nomenclature used for reptiles and amphibians follows Karsen *et al* 1998 [23], AFCD (2005) [24], and AFCD (2006) [25] while the status follows AFCD's Hong Kong Biodiversity Online Database [26].

Odonates and Butterflies

Odonates and butterflies of different habitats within the Development Site and the Surrounding Study Area were surveyed using transect/ point count method subject to the on-site conditions. Any odonates and butterflies that were encountered were identified and counted in order to produce a complete species list. Nomenclature for butterflies in this report follows Walthew 1997 [27] and Yiu 2004 [28], and for odonates, nomenclature follows Wilson (2004) [29]. The status follows AFCD's Hong Kong Biodiversity Online Database [30].

Fireflies

Firefly surveys were conducted through direct observation along the transects in all representative habitat types within the Development Site and the Surrounding Study Area, with particular focus on

(21) Shek, C. T. (2006) *A Field Guide To The Terrestrial Mammals Of Hong Kong*. Friends of the Country Parks and Cosmos Book Ltd.
(22) Hong Kong Online Biodiversity Database. [*http://www.afcd.gov.hk/english/conservation/hkbiodiversity/hkbiodiversity.html*] Accessed in 2010.
(23) Karsen, S. J., Lau, M. W. N. and Bogadek, A. (1998). Hong Kong Amphibians and Reptiles. Urban Council, Hong Kong
(24) AFCD (2005). A Field Guide to the Amphibians of Hong Kong. Friends of Country Park.
(25) AFCD (2006). A Field Guide to the Venomous Land Snakes of Hong Kong. Friends of Country Park.
(26) Hong Kong Online Biodiversity Database. *Op Cit.*
(27) Walthew, G. (1997). The status and flight periods of Hong Kong butterflies Porcupine! 16: 34-37
(28) Yiu V (2004). Field Guide to the butterflies of Hong Kong. Hong Kong Discovery Ltd.
(29) Wilson, K.D.P. (2004). Field Guide to the Dragonflies of Hong Kong. Agriculture, Fisheries and Conservation Department, Friends of Country Park and Cosmos Book Ltd. Hong Kong.
(30) Hong Kong Online Biodiversity Database. *Op Ibid.*

the potential habitats such as watercourses utilized by fireflies. Surveys commenced immediately after sunset and lasted for approximately 2 hours. All fireflies observed, including adults and larvae, were quantified and identified to species level as far as possible. Nomenclature for fireflies in this report follows AFCD's Hong Kong Biodiversity Online Database [31].

Aquatic Surveys

Watercourses identified within the Development Site and the Surrounding Study Area were visited and surveyed for freshwater fish and aquatic macroinvertebrates. These were studied by direct observation and active searching by hand nets and standard field sampling techniques (e.g. kick sampling). Organisms, mostly fish and aquatic macroinvertebrates (e.g. freshwater crabs & shrimps, freshwater molluscs and aquatic insect larvae) were recorded and identified to the lowest possible taxonomic level, with their relative abundance reported. Nomenclature for fish follows Lee *et al.* (2004) [32].

3.4 Ecological Survey Findings

3.4.1 Habitats and Vegetation

Nine habitat types were identified during the baseline survey, including secondary woodland, scattered woodland, grassland, shrubland-grassland, agricultural area, abandoned orchard, developed area, watercourse and artificial pond (***Figure 3.3***), while scattered woodland, grassland, shrubland-grassland, agricultural area, abandoned orchard, developed area and watercourse were present in the Development Site. Photographic records of each habitat within the Surrounding Study Area and Development Site are shown in ***Appendix A1*** and ***Appendix A2***, respectively.

During the surveys, a total of 174 flora species were recorded. Secondary woodland was found to have the highest flora diversity, with 64 species recorded in the Surrounding Study Area. A full plant list is provided in ***Appendix B***. ***Table 3.2*** summarises the area of each habitat found in the Development Site and Surrounding Study Area and the following text elaborates the flora and fauna recorded at each habitat during the ecological surveys.

Table 3.2 Habitat Types Recorded during Ecological Surveys

Habitat Type	Approximate Area (ha) in Development Site	Approximate Area (ha) in Surrounding Study Area (excluding Development Site)
Secondary Woodland	0	2.57
Scattered Woodland	0.21	0.84
Grassland	0.94	0.44
Shrubland-Grassland	1.32	1.50
Agricultural Area	0.10	0.21
Abandoned Orchard	0.19	0
Developed Area	0.49	9.22
Watercourse	0.28	0.17
Artificial Pond	0	0.22

(31) Hong Kong Online Biodiversity Database. *Op Ibid.*

(32) Virginia L.F. Lee, Samuel K. S. Lam, Franco K. Y. Ng, Tony K. T. Chan and Maria L. C. Young (2004). Field Guide to the Freshwater Fish of Hong Kong. Agriculture, Fisheries and Conservation Department, Friends of Country Park and Cosmos Book Ltd. Hong Kong

Habitat Type	Approximate Area (ha) in Development Site	Approximate Area (ha) in Surrounding Study Area (excluding Development Site)
Total	**3.52**	**15.17**

3.4.1.1 Habitats within Surrounding Study Area

Secondary Woodland

Secondary woodland was mainly found on the western side of the Surrounding Study Area which is part of a wider hillside woodland further west near Lau Hang, Fung Mei Wai and adjacent to Ting Kok Road.

A total of 64 flora species were recorded in the secondary woodland habitat. Native trees such as *Aporosa dioica*, *Celtis sinensis, Machilus chekiangensis* and *Sterculia lanceolate*, shrubs *Daphniphyllum calycinum* and *Maesa perlarius* were commonly found in secondary woodland. These species are all considered as common species in Hong Kong. The under-storey of this habitat was generally densely vegetated with plant species common to woodlands of Hong Kong, such as the herbs *Alocasia macrorrhizos*, *Cyclosorus parasiticus* and *Dicranopteris pedata*, and climbers *Dalbergia benthamii*, *Millettia nitida* and *Smilax china*.

One flora species of conservation importance, *Illigera celebica*, was recorded in the secondary woodland on the north-western side of the Surrounding Study Area immediately outside the boundary of Area (A) during the current survey. *Illigera celebica* is a native evergreen woody liana climber protected under Forests and Countryside Ordinance (Cap. 96) and is listed under Category 4 of the 100 Rare and Precious Plants of Hong Kong (AFCD 2003). Its recorded locations are shown in ***Figure 3.3*** and photos provided in ***Appendix A3***.

Scattered Woodland

Patches of woodland were found scattered within Surrounding Study Area, surrounded by developed areas. Native trees such as *Celtis sinensis*, *Ficus microcarpa* and *Macaranga tanarius* var. *tomentosa*, and exotic trees such as *Acacia confusa, Albizia lebbeck* and *Melia azedarach* were commonly found in the scattered woodlands. These species are all considered as common species in Hong Kong. The under-storey of this habitat was generally densely vegetated with plant species common to woodlands of Hong Kong, such as the herbs *Bidens alba* and *Panicum maximum* and climbers *Ficus pumila* and *Gynostemma pentaphyllum*. Flora species of conservation importance was not recorded in this habitat during the current survey.

Shrubland-grassland

Shrubland-grassland were found in fragmented patches that were scattered around the Surrounding Study Area. It was the third largest habitat found in the Surrounding Study Area, after developed area and secondary woodland. This habitat has a mixture of grass, shrubs and young trees, such as the herbs *Ageratum conyzoides*, *Ipomoea cairica* and *Wedelia trilobata,* climbers *Pueraria phaseoloides*, shrubs/trees *Hibiscus tiliaceus* and *Lagerstroemia speciosa*.

One flora species of conservation importance, *Mucuna championii* was recorded in Surrounding Study Area, which was identified outside the southern boundary of Area (A) of the Development Site. *Mucuna championii* is a native climber species listed in Rare and Precious Plants of Hong Kong, with status in China as “Endangered” (AFCD 2003). Its recorded locations are shown in ***Figure 3.3*** and photos provided in ***Appendix A3***.

Grassland

Grassland were found in fragmented patches scattered on the southern area of the Surrounding Study Area. Some grasslands recorded are expected to be originated from abandoned agricultural

lands. Ruderal grass and climbers such as *Bidens alba, Cyperus involucratus, Cyrtococcum patens* and *Microstegium ciliatum* were seen to have overgrown in this habitat due to prolonged lack of farming activities. Flora species of conservation importance was not recorded in this habitat during the surveys.

Agricultural Area

A small patch of active agricultural lands was found in the eastern parts of the Surrounding Study Area. The species diversity was generally low for the recorded species. Flora species of conservation importance was not recorded in this habitat.

Developed Area

This habitat in the Surrounding Study Area consists of roads (incl. roadside plantation), recreational (e.g. playground and basketball court) and residential areas and villages. Various trees, shrubs and herbs are planted in this habitat for ornamental purpose, such as *Acacia confusa, Bougainvillea spectabilis, Cinnamomum burmannii, Delonix regia, Dypsis lutescens, Murraya paniculata* and *Wedelia chinensis*. The species diversity was generally low for the recorded species. Flora species of conservation importance was not recorded in this habitat.

Watercourse

Fung Yuen Stream runs along the western side of the Fung Yuen Road. Part of the stream were within the Surrounding Study Area (***Figure 3.3***). In addition, there are semi-natural stream and channel of smaller scales scattered within the Surrounding Study Area.

A total of 10 flora species were recorded in the watercourse habitat, native herb species such as *Alternanthera sessilis*, *Commelina diffusa* and *Ludwigia adscendens* were commonly found in the natural sections and overgrown gabions of the watercourse. Flora species of conservation importance was not recorded in the watercourse.

Artificial Pond

An artificial pond was identified on the eastern side of Fung Yuen Road. Due to its artificial nature, plants that actually grow in this habitat are limited. No flora species of conservation importance was recorded.

3.4.1.2 Habitats within Development Site

In general, the habitats present in the Development Site share the same habitat conditions of the same habitat type in the Surrounding Study Area. The watercourse is semi-natural within the Development Site, with part of the banks gabion lined, notably on the side near Fung Yuen Road (mainly in Area (A) of the Development Site). When it reaches the southern end at Area (B) of the Development Site, it is completely channelised in terms of both bottom and banks.

Within Development Site, a total of seven habitat types were identified, including scattered woodland, grassland, shrubland-grassland, agricultural area, abandoned orchard, developed area and watercourse. There is no significant difference in ecological conditions between the same habitat types observed within the Development Site and the Surrounding Study Area, except that abandoned orchard is not present in the Surrounding Study Area. The details of the conditions of the abandoned orchard are discussed below.

Abandoned Orchard

Patches of abandoned orchard were found in the central part of the Development Site. This habitat consists of mainly fruit trees *Dimocarpus longan*, *Litchi chinensis* and *Syzygium jambos* and some self- seeded native trees *Macaranga tanarius* var. *tomentosa* and *Sterculia*. Herbs such as *Alocasia macrorrhizos* and *Lophatherum gracile* were also commonly found in this habitat.

In terms of flora species of conservation importance, one flora species, namely *Mucuna championii*, was recorded at the shrubland-grassland of both Area (A) and Area (B) of the Development Site (***Figure 3.3***). Details of the conservation status of *Mucuna championii* has been discussed above.

3.4.2 Wildlife

Ecological surveys for mammals (incl. bats and non-flying mammals), bird, herpetofauna, butterflies, odonate, fireflies and aquatic fauna were conducted in September to October 2021 and April to May 2025. The following sections summarise the key findings of these fauna groups, in particular any species of conservation importance recorded. The full species lists are provided in ***Appendices C1-C7*** and the recorded locations of species of conservation importance are shown in ***Figure 3.3***.

Mammals

A total of six mammal species were recorded during the field surveys within the Development Site, including Japanese Pipistrelle *Pipistrellus abramus*, Least Pipistrelle *Pipistrellus tenuis*, Chinese Pipistrelle *Hypsugo pulveratus*, Chinese Noctule *Nyctalus plancyi*, Lesser Yellow Bat *Scotophilus kuhlii* and Himalayan Leaf-nosed Bat *Hipposideros armiger*. All bat species in Hong Kong are protected under the Wild Animals Protection Ordinance (Cap. 170); therefore, all recorded species are considered as species of conservation importance. Within the Surrounding Study Area, Japanese Pipistrelle, Least Pipistrelle, Chinese Noctule and Lesser Yellow Bat were recorded. According to AFCD's Biodiversity Database [33], most of the recorded species are considered as very common, common or uncommon, and most are found widely distributed in urban and countryside areas throughout Hong Kong. Details of the mammal species of conservation importance are listed in ***Table 3.3***.

Table 3.3 Mammal Species of Conservation Importance during Ecological Surveys

Mammal Species	Protection Status	Commonness & Status in HK	Recorded Habitats	
			Development Site	Surrounding Study Area
Japanese Pipistrelle *Pipistrellus abramus*	▪ Cap. 170	▪ Very Common	▪ Grassland	▪ Shrubland-Grassland
Least Pipistrelle *Pipistrellus tenuis*	▪ Cap. 170	▪ Uncommon	▪ Shrubland-Grassland	▪ Developed Area
Chinese Pipistrelle *Hypsugo pulveratus*	▪ Cap.170 ▪ Fellowes: (LC)	▪ Rare; Species of Conservation Importance	▪ Grassland ▪ Abandoned Orchard	-
Chinese Noctule *Nyctalus plancyi*	▪ Cap.170 ▪ Fellowes: PRC (RC)	▪ Common	▪ Grassland	▪ Developed Area
Lesser Yellow Bat *Scotophilus kuhlii*	▪ Cap.170 ▪ Fellowes: (LC)	▪ Uncommon	▪ Grassland	▪ Shrubland-Grassland
Himalayan Leaf-nosed Bat *Hipposideros armiger*	▪ Cap.170 ▪ Fellowes: (LC)	▪ Very Common	▪ Shrubland-Grassland	-

(33) AFCD. Hong Kong Biodiversity Database. Available at https://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp

Mammal Species	Protection Status	Commonness & Status in HK	Recorded Habitats	
			Development Site	Surrounding Study Area

Notes:
(a) All bat species are protected under Wild Animals Protection Ordinance (Cap. 170)
(b) Fellowes – Fellowes et al. (2002): RC = Regional Concern, PRC = Potential Regional Concern, LC = Local Concern. Letters in pentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.

Birds

The surveys identified 34 bird species, of which 30 were recorded within the Development Site and 21 in the Surrounding Study Area. Most of the bird species recorded are common and widespread in Hong Kong. Eight bird species of conservation importance were recorded during the ecological survey. The details of the species are shown in ***Table 3.4***.

Table 3.4 Bird Species of Conservation Importance during Ecological Surveys

Bird Species	Protection Status	Recorded Habitat	
		Development Site	Surrounding Study Area
Black-crowned Night Heron *Nycticorax nycticorax*	▪ Fellowes: (LC)	▪ Watercourse	-
Chinese Pond Heron *Ardeola bacchus*	▪ Fellowes: PRC (RC)	▪ In-Flight ▪ Watercourse	▪ Watercourse ▪ Artificial Pond
Great Egret *Ardea alba*	▪ Fellowes: PRC (RC)	▪ In-Flight	-
Little Egret *Egretta garzetta*	▪ Fellowes: PRC (RC)	▪ Watercourse ▪ In-Flight	-
Black Kite *Milvus migrans*	▪ Fellowes: (RC); ▪ CITES(II); ▪ CSMPS(II); ▪ Cap.586	▪ Shrubland-Grassland	▪ In-Flight
Greater Coucal *Centropus sinensis*	▪ CSMPS(II)	▪ Shrubland-Grassland ▪ Grassland ▪ Abandoned Orchard	▪ Secondary Woodland
Crested Serpent Eagle *Spilornis cheela*	▪ Cap.586; ▪ Fellowes: (LC); ▪ CSMPS(II); ▪ CITES(II)	-	▪ Shrubland-Grassland
Grey Treepie *Dendrocitta formosae*	▪ Fellowes: LC	▪ Shrubland-Grassland	-

Notes:
(a) All bird species are protected under Wild Animals Protection Ordinance (Cap. 170)
(b) Fellowes – Fellowes et al. (2002): RC = Regional Concern, PRC = Potential Regional Concern, LC = Local Concern. Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
(c) CITES (II) – Under Appendix II of Convention on International Trade in Endangered Species of Wild Fauna and Flora
(d) CSMPS – China State Major Protection Status: Appendix II
(e) Cap. 586 - Protected under Protection of Endangered Species of Animals and Plants Ordinance

Herpetofauna

Five reptile and five amphibian species were recorded during the surveys, of which all of these reptiles and four amphibians were recorded within the Development Site and one reptile and all of these amphibians in the Surrounding Study Area. All of the amphibian species and most of the reptile species recorded are common and widespread in Hong Kong. One reptile species of conservation importance was recorded during the ecological survey, namely Common Rat Snake. The details of the species are shown in ***Table 3.5***.

Table 3.5 Reptile Species of Conservation Importance during Ecological Surveys

Reptile Species	Protection Status	Recorded Habitat	
		Development Site	Surrounding Study Area
Common Rat Snake *Ptyas mucosus*	▪ Cap.586; ▪ Fellowes: PRC; ▪ RLCV(EN); ▪ CITES(II)	▪ Shrubland-Grassland	-

Notes:
(a) Fellowes – Fellowes et al. (2002): PRC = Potential Regional Concern.
(b) RLCV - Red List of China's Vertebrate (2020): EN = Endangered.
(c) CITES (II) – Under Appendix II of Convention on International Trade in Endangered Species of Wild Fauna and Flora
(d) Cap. 586 - Protected under Protection of Endangered Species of Animals and Plants Ordinance

Odonates and Butterflies

A total of 16 odonate species were recorded during surveys, whereas 16 species were recorded within the Development Site and one in the Surrounding Study Area. All of the species recorded are considered as abundant and common in Hong Kong [34]. No odonate species of conservation importance was recorded.

A total of 48 butterfly species were recorded during the surveys, whereas 38 species were recorded within the Development Site and 24 in the Surrounding Study Area. Majority of these recorded species were commonly or very commonly found in Hong Kong. Three species of conservation importance were recorded in the Surrounding Study Area, namely Forget-me-not *Catochrysops strabo*, Metallic Cerulean *Jamides alecto* and White Dragontail *Lamproptera curius*. Details of the butterfly species of conservation importance are listed in ***Table 3.6***.

Table 3.6 Butterfly Species of Conservation Importance during Ecological Surveys

Butterfly Species	Protection Status	Commonness & Status in HK	Recorded Habitat	
			Development Site	Surrounding Study Area
Forget-me-not *Catochrysops strabo*	-	▪ Very Rare; Species of Conservation Concern	-	Shrubland-Grassland

(34) AFCD. Hong Kong Biodiversity Database. Available at https://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp

Butterfly Species	Protection Status	Commonness & Status in HK	Recorded Habitat	
			Development Site	Surrounding Study Area
Metallic Cerulean *Jamides alecto*	-	▪ Very Rare	-	Secondary Woodland
White Dragontail *Lamproptera curius*	▪ Fellowes: LC	▪ Rare	-	Secondary Woodland; Developed Area

Notes:
(a) Fellowes – Fellowes et al. (2002): LC = Local Concern.
(b) Distribution in Hong Kong refers to AFCD database: Available at http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en.

Fireflies

During the dusk and night time ecological surveys, no firefly species were recorded in the Surrounding Study Area or within the Development Site.

Aquatic Fauna

During the ecological surveys, 15 freshwater fish and 21 freshwater invertebrate species were identified in the watercourse. No species of conservation importance were recorded within the Development Site or the Surrounding Study Area.

3.5 Ecological Evaluation of Habitats in Surrounding Study Area and Development Site

In this section the ecological importance of the habitats identified within the Surrounding Study Area and Development Site are evaluated in accordance with the *EIAO-TM Annex 8* criteria. The evaluation is based upon the information presented in the previous sections including both the reviewed literature (if any) and survey findings. The ecological evaluation of each habitat type is presented in ***Table 3.7*** to ***Table 3.21***.

3.5.1 Ecological Evaluation of Habitats in Surrounding Study Area

Table 3.7 Ecological Evaluation of Secondary Woodland in Surrounding Study Area

Criteria	Secondary Woodland (Surrounding Study Area)
Naturalness	Semi natural woodland with a mix of plantation species, disturbance confined to the edge of the habitat
Size	Approx. 2.57 ha within Surrounding Study Area
Diversity	Moderate diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.
Rarity	One flora species of conservation importance recorded: *Illigera celebica* Fauna species of conservation importance recorded include: One bird species: Greater Coucal Two butterfly species: White Dragontail, Metallic Cerulean
Re-creatability	It may take more than 30 years for the woodland to develop to the current maturity level
Fragmentation	Fragmented by roads and buildings
Ecological Linkage	Linked to the surrounding grassland and shrubland-grassland habitat
Potential Value	Moderate, as relatively mature woodland

Criteria	Secondary Woodland (Surrounding Study Area)
Nursery/ Breeding Ground	No significant nursery or breeding ground observed
Age	Unknown
Abundance/ Richness of Wildlife	Overall relatively low for fauna species
Overall Ecological Value	**Moderate**

Table 3.8 Ecological Evaluation of Scattered Woodland in Surrounding Study Area

Criteria	Scattered Woodland (Surrounding Study Area)
Naturalness	Largely succeeded from plantation, receiving frequent disturbances from the adjacent developed area
Size	Approx. 0.84 ha within Surrounding Study Area
Diversity	Low to Moderate diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.
Rarity	No flora and fauna species of conservation importance recorded
Re-creatability	It may take more than 20 years for the woodland to develop to the current maturity level
Fragmentation	Fragmented by roads and built structures.
Ecological Linkage	Limited linkage with surrounding habitats
Potential Value	Moderate, as scattered woodland has the potential to succeed to secondary woodland without disturbance
Nursery/ Breeding Ground	No significant nursery or breeding ground observed
Age	Unknown
Abundance/ Richness of Wildlife	Overall relatively low for fauna species
Overall Ecological Value	**Low to Moderate**

Table 3.9 Ecological Evaluation of Grassland in Surrounding Study Area

Criteria	Grassland (Surrounding Study Area)
Naturalness	Semi-natural, originated from abandoned agricultural land.
Size	Approx. 0.44 ha within Surrounding Study Area
Diversity	Low in diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.
Rarity	No flora and fauna species of conservation importance recorded
Re-creatability	Readily re-creatable
Fragmentation	Fragmented with scattered patches
Ecological Linkage	Limited linkage with surrounding habitats such as secondary woodland and shrubland-grassland
Potential Value	Low to moderate
Nursery/ Breeding Ground	No significant nursery or breeding ground observed.
Age	Unknown
Abundance/ Richness of Wildlife	Overall very low for fauna species.

Criteria	Grassland (Surrounding Study Area)
Overall Ecological Value	**Low**

Table 3.10 Ecological Evaluation of Shrubland-grassland in Surrounding Study Area

Criteria	Shrubland-grassland (Surrounding Study Area)
Naturalness	Semi-natural
Size	Approx. 1.50 ha within Surrounding Study Area
Diversity	Low in diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.
Rarity	One flora species of conservation importance recorded: *Mucuna championii* Fauna species of conservation importance recorded includes: Two bird species: Greater Coucal, Crested Serpent Eagle Two mammal species: Japanese Pipistrelle, Lesser Yellow Bat One butterfly species: Forget-me-not
Re-creatability	Readily re-creatable
Fragmentation	Fragmented by roads and buildings
Ecological Linkage	Limited linkage with surrounding secondary woodland and scattered woodland habitat.
Potential Value	Low
Nursery/ Breeding Ground	No significant nursery or breeding ground recorded.
Age	Unknown
Abundance/ Richness of Wildlife	Overall low for fauna species
Overall Ecological Value	**Low**

Table 3.11 Ecological Evaluation of Agricultural Area in Surrounding Study Area

Criteria	Agricultural Area (Surrounding Study Area)
Naturalness	Anthropogenic
Size	Approx. 0.21 ha within Surrounding Study Area
Diversity	Low in diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.
Rarity	No flora and fauna species of conservation importance recorded.
Re-creatability	Readily re-creatable
Fragmentation	Only a small isolated patch within Surrounding Study Area
Ecological Linkage	Not functionally linked to any highly valued habitat in close proximity
Potential Value	Low
Nursery/ Breeding Ground	No significant nursery or breeding ground recorded.
Age	Unknown

Criteria	Agricultural Area (Surrounding Study Area)
Abundance/ Richness of Wildlife	Overall low for fauna species
Overall Ecological Value	**Low**

Table 3.12 Ecological Evaluation of Developed Area in Surrounding Study Area

Criteria	Developed Area (Surrounding Study Area)
Naturalness	Anthropogenic
Size	Approx. 9.22 ha within Surrounding Study Area
Diversity	Low to moderate in diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.
Rarity	No flora species of conservation importance recorded. Fauna species of conservation importance recorded includes: Two mammal species: Chinese Noctule, Least Pipistrelle One butterfly species: White Dragontail
Re-creatability	Readily re-creatable
Fragmentation	Low
Ecological Linkage	Not functionally linked to any habitats in close proximity
Potential Value	Low
Nursery/ Breeding Ground	No significant nursery or breeding ground recorded
Age	Not applicable
Abundance/ Richness of Wildlife	Overall low for fauna species
Overall Ecological Value	**Low**

Table 3.13 Ecological Evaluation of Watercourse in Surrounding Study Area

Criteria	Watercourses (Surrounding Study Area)	
	Semi-Natural Watercourse	Channelised Watercourse
Naturalness	Semi-natural	Anthropogenic
Size	Approx. 0.17 ha within Surrounding Study Area	
Diversity	Low in diversity of plant species and structural complexity. Low fauna diversity.	
Rarity	No flora species of conservation importance recorded. Fauna species of conservation importance recorded includes: One bird species: Chinese Pond Heron	
Re-creatability	Re-creatable	
Fragmentation	Scattered within the Surrounding Study Area	
Ecological Linkage	Not functionally linked to any highly valued habitat in close proximity.	
Potential Value	Low to Moderate	
Nursery/ Breeding Ground	No significant nursery or breeding ground recorded.	

Criteria	Watercourses (Surrounding Study Area)	
	Semi-Natural Watercourse	Channelised Watercourse
Age	Not applicable.	
Abundance/ Richness of Wildlife	Overall low for fauna species	
Overall Ecological Value	**Low to Moderate for Semi-Natural Watercourse Low for Channelised Watercourse**	

Table 3.14 Ecological Evaluation of Artificial Pond in Surrounding Study Area

Criteria	Artificial Pond (Surrounding Study Area)
Naturalness	Anthropogenic
Size	Approx. 0.22 ha within Surrounding Study Area
Diversity	Very low in diversity of plant species and structural complexity. Very low fauna diversity.
Rarity	No flora species of conservation importance recorded. Fauna species of conservation importance recorded includes: One bird species: Chinese Pond Heron
Re-creatability	Readily re-creatable
Fragmentation	Not applicable
Ecological Linkage	Not functionally linked to any highly valued habitat in close proximity.
Potential Value	Low due to the artificial nature of this habitat
Nursery/Breeding Ground	No significant nursery or breeding ground recorded.
Age	Not applicable.
Abundance/Richness of Wildlife	Overall low for fauna species
Overall Ecological Value	**Low**

3.5.2 Ecological Evaluation of Habitats in Development Site

Table 3.15 Ecological Evaluation of Scattered Woodland in Development Site

Criteria	Scattered Woodland
Naturalness	Derived from previous lowland grassland/ shrubland through natural succession, dominated by pioneer tree species and the undesirable weed tree *Leucaena leucocephala*
Size	Approx. 0.21ha within Development Site
Diversity	Low to Moderate diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.
Rarity	No flora and fauna species of conservation importance recorded
Re-creatability	It may take more than 20 years for the mixed woodland to develop to the current maturity level

Criteria	Scattered Woodland
Fragmentation	Fragmented by roads and buildings
Ecological Linkage	Limited linkage with surrounding shrubland-grassland habitat
Potential Value	Moderate, as scattered woodland has the potential to succeed to secondary woodland without disturbance
Nursery/Breeding Ground	No significant nursery or breeding ground observed
Age	Unknown
Abundance/Richness of Wildlife	Overall relatively low for fauna species
Overall Ecological Value	**Low to Moderate**

Table 3.16 Ecological Evaluation of Grassland in Development Site

Criteria	Grassland
Naturalness	Semi-natural, originated from abandoned agricultural land.
Size	Approx. 0.94ha within Development Site
Diversity	Low in diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.
Rarity	No flora species of conservation importance recorded. Fauna species of conservation importance recorded include: One bird species: Greater Coucal Four mammal species: Japanese Pipistrelle, Chinese Pipistrelle, Chinese Noctule, Lesser Yellow Bat
Re-creatability	Readily re-creatable
Fragmentation	Fragmented with scattered patches
Ecological Linkage	Limited linkage with surrounding shrubland-grassland habitat
Potential Value	Low to moderate
Nursery/Breeding Ground	No significant nursery or breeding ground observed.
Age	Unknown
Abundance/Richness of Wildlife	Overall very low for fauna species.
Overall Ecological Value	**Low**

Table 3.17 Ecological Evaluation of Shrubland-grassland in Development Site

Criteria	Shrubland-grassland
Naturalness	Semi-natural
Size	Approx. 1.32ha within Development Site
Diversity	Low in diversity of plant species and structural complexity. Low to moderate diversity and overall low abundance of fauna species.

Criteria	Shrubland-grassland
Rarity	One flora species of conservation importance recorded: *Mucuna championii* Fauna species of conservation importance recorded includes: Three bird species: Greater Coucal, Black Kite, Grey Treepie Two mammal species: Least Pipistrelle, Himalayan Leaf-nosed Bat One reptile species: Common Rat Snake
Re-creatability	Readily re-creatable
Fragmentation	Fragmented by roads and buildings
Ecological Linkage	Limited linkage with surrounding scattered woodland habitat.
Potential Value	Low
Nursery/Breeding Ground	No significant nursery or breeding ground recorded.
Age	Unknown
Abundance/Richness of Wildlife	Overall low for fauna species
Overall Ecological Value	**Low**

Table 3.18 Ecological Evaluation of Agricultural Area in Development Site

Criteria	Agricultural Area (Surrounding Study Area)
Naturalness	Anthropogenic
Size	Approx. 0.10 ha within Development Site
Diversity	Low in diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.
Rarity	No flora and fauna species of conservation importance recorded.
Re-creatability	Readily re-creatable
Fragmentation	Only a small isolated patch within Development Site
Ecological Linkage	Not functionally linked to any highly valued habitat in close proximity
Potential Value	Low
Nursery/ Breeding Ground	No significant nursery or breeding ground recorded.
Age	Unknown
Abundance/ Richness of Wildlife	Overall low for fauna species
Overall Ecological Value	**Low**

Table 3.19 Ecological Evaluation of Abandoned Orchard in Development Site

Criteria	Abandoned Orchard
Naturalness	Anthropogenic
Size	Approx. 0.19ha within Development Site
Diversity	Low in diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.

Criteria	Abandoned Orchard
Rarity	No flora species of conservation importance recorded. Fauna species of conservation importance recorded includes: One bird species: Greater Coucal One mammal species: Abandoned Orchard
Re-creatability	Readily re-creatable
Fragmentation	Two small isolated patches within Development Site
Ecological Linkage	Linked to the watercourse and shrubland in close proximity
Potential Value	Low
Nursery/Breeding Ground	No significant nursery or breeding ground recorded.
Age	Unknown
Abundance/Richness of Wildlife	Overall low for fauna species
Overall Ecological Value	**Low**

Table 3.20 Ecological Evaluation of Developed Area in Development Site

Criteria	Developed Area
Naturalness	Anthropogenic
Size	Approx. 0.49ha within Development Site
Diversity	Low in diversity of plant species and structural complexity. Low diversity and overall low abundance of fauna species.
Rarity	No flora and fauna species of conservation importance recorded.
Re-creatability	Readily re-creatable
Fragmentation	Low
Ecological Linkage	Not functionally linked to any highly valued habitat in close proximity
Potential Value	Low
Nursery/Breeding Ground	No significant nursery or breeding ground recorded
Age	Not applicable
Abundance/Richness of Wildlife	Overall low for fauna species
Overall Ecological Value	**Low**

Table 3.21 Ecological Evaluation of Watercourse in Development Site

Criteria	Watercourse
Naturalness	Semi-natural at upper section in Area (A) to completely channelised in Area (B)
Size	Approx. 0.28ha within Development Site
Diversity	Low in diversity of plant species and structural complexity. Low fauna diversity and abundance.

Criteria	Watercourse
Rarity	No flora species of conservation importance recorded. Fauna species of conservation importance recorded includes: Three bird species: Chinese Pond Heron, Black-crowned Night Heron, Little Egret
Re-creatability	Readily re-creatable for the concrete channel; the semi-natural section can be recreated with incorporation of ecologically friendly stream design
Fragmentation	Not applicable
Ecological Linkage	Not functionally linked to any highly valued habitat in close proximity, the downstream of the watercourse linked to tidal water
Potential Value	Low to Moderate
Nursery/Breeding Ground	No significant nursery or breeding ground recorded.
Age	Not applicable
Abundance/Richness of Wildlife	Overall low for fauna species
Overall Ecological Value	**Low to Moderate**

3.6 Evaluation of Species of Recorded Conservation Importance

In accordance with *Annex 8* of the *EIAO-TM* the list and evaluation of the recorded species of ecological importance are provided in ***Table 3.22***.

Table 3.22 Evaluation of Species of Conservation Importance Recorded within the Development Site and Surrounding Study Area

Name	Location	Conservation and/ or Protection Status	Distribution in Hong Kong	Rarity
Flora				
Illigera celebica	▪ Recorded near the edge of secondary woodland on the north-western side of the Surrounding Study Area immediately outside Area (A) of the Development Site.	▪ Protected under Forests and Countryside Ordinance (Cap. 96) ▪ Category 4 (AFCD, 2003)	Fung Yuen, She Shan.	Very Rare
Mucuna championii	▪ Recorded in a patch of shrubland-grassland on the west of Fung Yuen Road. Also recorded inside and outside the southern end of the Development Site of Area (A) in shrubland-grassland habitat, and in shrubland-grassland habitat in Area (B) of the Development Site.	▪ Listed in Rare and Precious Plants of Hong Kong, status in China as "Endangered"	Tai Po, Lam Tsuen Valley, Fung Yuen, Plover Cove etc.	Rare
Mammals				
Japanese Pipistrelle *Pipistrellus abramus*	▪ Flying above the grassland habitat within the Development Site of Area (A), also in shrubland-grassland habitat outside the western boundary of the Area (A) of Development Site and the northern boundary of the Development Site of Area (B).	▪ Protected under Cap. 170	Widely distributed throughout Hong Kong.	Very Common
Least Pipistrelle *Pipistrellus tenuis*	▪ Recorded in the shrubland-grassland habitat in the southern part of the Area (A) of Development Site, and in the developed area outside the southern boundary of Area (B) of the Development Site	▪ Protected under Cap. 170	Ten-something records found in Nam Chung, Sheung Wo Hang, Lin Ma Hang, Plover Cove Country Park, Yuen Long, Shek Pik, Deep Water Bay, Ho Pui and Ho Chung.	Uncommon
Chinese Pipistrelle *Hypsugo pulveratus*	▪ Recorded in the abandoned orchard habitat within the Area (A) of Development Site and grassland habitat within the Area (B) of Development Site	▪ Protected under Cap. 170 ▪ Breeding/ roosting site listed as Local Concern by Fellowes *et al.* (2002)	Only several records in the countryside areas at Ting Kau, Ma On Shan and Lin Ma Hang, and several records of stray individuals inside buildings.	Rare; Species of Conservation Concern

Name	Location	Conservation and/ or Protection Status	Distribution in Hong Kong	Rarity
Chinese Noctule *Nyctalus plancyi*	▪ Recorded in the shrubland-grassland habitat within the Area (A) of Development Site and immediately outside the western boundary of Area (B) of the Development Site	▪ Protected under Cap. 170 ▪ Potential Regional Concern by Fellowes *et al.* (2002) ▪ Breeding/ roosting site listed as Regional Concern by Fellowes *et al.* (2002)	Fairly widely distributed in countryside areas throughout Hong Kong.	Common
Lesser Yellow Bat *Scotophilus kuhlii*	▪ Flying above the grassland habitat within the Development Site of Area (A), also in shrubland-grassland habitat outside the southern boundary of the Development Site of Area (A).	▪ Protected under Cap. 170 ▪ Breeding/ roosting site listed as Local Concern by Fellowes *et al.* (2002)	Fairly widely distributed in countryside areas throughout Hong Kong.	Uncommon
Himalayan Leaf-nosed Bat *Hipposideros armiger*	▪ Recorded in the shrubland-grassland habitat within Area (A) of the Development Site	▪ Protected under Cap. 170 ▪ Breeding/ roosting site listed as Local Concern by Fellowes *et al.* (2002)	Widely distributed in countryside areas throughout Hong Kong.	Very Common
Birds				
Black-crowned Night Heron *Nycticorax nycticorax*	▪ Resting in watercourse habitat inside the Development Site of Area (A).	▪ Protected under Cap. 170 ▪ Breeding/ roosting site listed as Local Concern by Fellowes *et al.* (2002)	Widely distributed in Hong Kong.	Common resident
Chinese Pond Heron *Ardeola bacchus*	▪ Resting in watercourse habitat in the Development Site of Area (B) and flying over Area (A) of the Development Site. Also found in the watercourse at the northern end of the Surrounding Study Area and in the artificial pond near the eastern boundary of the Surrounding Study Area.	▪ Protected under Cap. 170 ▪ Potential Regional Concern by Fellowes *et al.* (2002) ▪ Breeding/ roosting site listed as Regional Concern by Fellowes *et al.* (2002)	Widely distributed in Hong Kong.	Common resident
Great Egret *Ardea alba*	▪ Flying over Area (A) of the Development Site.	▪ Protected under Cap. 170 ▪ Potential Regional Concern by Fellowes *et al.* (2002) ▪ Breeding/ roosting site listed as Regional Concern by Fellowes *et al.* (2002)	Widely distributed in Hong Kong	Common resident, migrant and winter visitor

Name	Location	Conservation and/ or Protection Status	Distribution in Hong Kong	Rarity
Little Egret *Egretta garzetta*	▪ Resting in watercourse habitat in the Development Site of Area (A) and flying over the Area (A) of Development Site.	▪ Protected under Cap. 170 ▪ Potential Regional Concern by Fellowes *et al.* (2002) ▪ Breeding/ roosting site listed as Regional Concern by Fellowes *et al.* (2002)	Widely distributed in coastal area throughout Hong Kong	Common resident
Black Kite *Milvus migrans*	▪ Flying above the shrubland-grassland habitat inside the Development Site of Area (A) and soaring above the Surrounding Study Area.	▪ Protected under Cap. 170 ▪ Breeding/ roosting site listed as Regional Concern by Fellowes *et al.* (2002) ▪ Listed under Appendix II of Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES (II)) ▪ Listed under China State Major Protection Status: Appendix II (CSMPS(II)) ▪ Protected under Cap. 586	Widely distributed in Hong Kong.	Common resident
Greater Coucal *Centropus sinensis*	▪ Recorded in shrubland-grassland, grassland and abandoned orchard habitats within the Development Site of Area (A), also found in secondary woodland habitat at the western part of the Surrounding Study Area.	▪ Protected under Cap. 170 ▪ Listed under China State Major Protection Status: Appendix II (CSMPS(II))	Widely distributed in Hong Kong.	Common resident

Name	Location	Conservation and/ or Protection Status	Distribution in Hong Kong	Rarity
Crested Serpent Eagle *Spilornis cheela*	▪ Recorded in the shrubland-grassland habitat near the northern boundary of Surrounding Study Area	▪ Protected under Cap. 170 ▪ Breeding/ roosting site listed as Local Concern by Fellowes *et al.* (2002) ▪ Listed under Appendix II of Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES (II)) ▪ Listed under China State Major Protection Status: Appendix II (CSMPS(II)) ▪ Protected under Cap. 586	Widely distributed in shrublands on hillsides throughout Hong Kong.	Common resident
Grey Treepie *Dendrocitta formosae*	▪ Observed in the shrubland-grassland habitat of Area (A) of the Development Site	▪ Protected under Cap. 170 ▪ Local Concern by Fellowes *et al.* (2002)	Found in Sai Kung, Luk Keng, Tai Po Kau, Tai Tam Reservoir, Ho Chung, Hong Kong University, Lam Tsuen, Hok Tau.	Locally common resident
Reptiles				
Common Rat Snake *Ptyas mucosus*	▪ Observed near the edge of the shrubland-grassland habitat in Area (A) of Development Site	▪ Potential Regional Concern by Fellowes *et al.* (2002) ▪ Listed under Red List of China's Vertebrate (2020): Endangered ▪ Listed under Appendix II of Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES (II)) ▪ Protected under Cap. 586	Widely distributed throughout Hong Kong.	-
Butterflies				
Forget-me-not *Catochrysops strabo*	▪ Recorded in shrubland-grassland habitat at the northern end of the Surrounding Study Area.	▪ Species of Conservation Concern (AFCD)	Pui O, Tai Po Kau, Fung Yuen, Shing Mun, Sha Lo Wan	Very Rare
Metallic Cerulean *Jamides alecto*	▪ Recorded in secondary woodland habitat at the western side of the Surrounding Study Area.	-	Victoria Peak, Fung Yuen, Chuen Lung, Mui Wo	Very Rare

Name	Location	Conservation and/ or Protection Status	Distribution in Hong Kong	Rarity
White Dragontail *Lamproptera curius*	▪ Recorded in secondary woodland and developed area habitat at the western part of the Surrounding Study Area.	▪ Local Concern by Fellowes et al. (2002)	Widely distributed in throughout Hong Kong.	Rare

4. IMPACT ASSESSMENT

4.1 Identification of Potential Ecological Impacts

In view of the current ecological conditions, the potential ecological impacts associated with the proposed development during construction and operational phases are listed below.

4.1.1 Direct Impacts

- Direct loss of habitat and vegetation resulted from land take for the construction activities of the proposed development.
- Direct impacts on flora and fauna species of conservation importance

4.1.2 Indirect Impacts

- Potential impacts on the Fung Yuen Stream and associated wildlife owing to unmanaged disturbance to the riparian vegetation, construction runoff and watercourse diversion.
- Impacts on the surrounding habitats and associated wildlife owing to physical disturbances due to unmanaged or poorly managed human activities and disturbance, inappropriate storage or dumping of construction materials.
- Impacts to the surrounding habitats and associated wildlife during operation phase owing to increase in population, travel, noise and human activities.

4.2 Impact Evaluation

4.2.1 Direct Impact

4.2.1.1 Habitat Loss

In order to prevent flooding in the upstream and mid-stream section of the existing watercourse within the Development Site under extreme flood events, most of the flow from the existing 3.6m x 2.5m box culvert will be intercepted by the proposed 4m x 3m to 4m x 3.5m box culvert under extreme condition (***Appendix D1***). In view of that, the proposed 4m x 3m box culvert will be interfaced with the existing watercourse, the existing watercourse will be disconnected locally at the location of interface (i.e. immediate downstream of Control point 2, ***Appendix D2***) so that the existing watercourse will be divided into an upper section and a lower section. As a result of diversion, the section between the proposed 1,650mm pipe (which will be connected with 4m x 3m box culvert) and the proposed 1050mm pipe (***Appendix D1***), would be dried out and considered as habitat loss for watercourse. The total loss of watercourse habitat resulted from diversion and provision of box culvert will be about <0.01ha. Besides, all potential works will have at least 3m setback distance from the watercourse as such habitat loss for watercourse will be limited to the area for provision of box culvert.

The habitat to be lost to the proposed residential development are scattered woodland, grassland, shrubland-grassland, agricultural area, abandoned orchard, developed area and watercourse. The affected habitats have low/low to moderate flora and low fauna species diversity and low in wildlife abundance. Impact severity of loss of such habitats are assessed in in ***Table 4.1.***

Table 4.1 Direct Habitat Loss Identified due to Development

Habitat	Area	Overall Ecological Value	Overall Ecological Impact
Scattered Woodland	Approx. 0.21ha	Low to Moderate	**Low to Moderate.** The size of affected habitat is small. The affected habitat has an overall low to moderate flora and low fauna species diversity and low in wildlife abundance.
Grassland	Approx. 0.94ha	Low	**Low.** The affected habitat has an overall low flora and fauna species diversity and low in wildlife abundance.
Shrubland-Grassland	Approx. 1.32ha	Low	**Low.** The affected habitat has an overall low flora and low to moderate fauna species diversity and low in wildlife abundance.
Agricultural Area	Approx. 0.10ha	Low	**Low.** The size of affected habitat is small. The affected habitat has an overall low flora and fauna species diversity and low in wildlife abundance.
Abandoned Orchard	Approx. 0.19ha	Low	**Low.** The affected habitat has an overall low flora and fauna species diversity and low in wildlife abundance.
Developed Area	Approx. 0.49ha	Low	**Low.** The affected habitat has an overall low flora and fauna species diversity and low in wildlife abundance.
Watercourse	Approx. <0.01ha	Low to moderate	**Low.** The size of affected habitat is small, also it has an overall low flora and fauna species diversity and low in wildlife abundance.

4.2.1.2 Direct Impacts on Flora and Fauna Species of Conservation Importance

According to the latest draft Master Layout Plan (see ***Figure 4.1***), the concerned rare climber species *Mucuna championii* recorded at the southern edge of Area (A) and in Area (B) within the Development Site would not be affected by the proposed development as the recorded location will not be encroached by the residential development or the Social Welfare Complex, and the identified individuals will be preserved.

Direct impact to fauna species of conservation importance, i.e. Japanese Pipistrelle, Least Pipistrelle, Chinese Pipistrelle, Chinese Noctule, Lesser Yellow Bat, Himalayan Leaf-nosed Bat, Black Kite, Black-crowned Night Heron, Little Egret, Great Egret, Chinese Pond Heron, Greater Coucal, Grey Treepie and Common Rat Snake is anticipated to be of low significance in view of the very low numbers recorded (one/two individual(s) for each species), their being highly mobile species and the availability of similar habitats in close vicinity of the Development Site.

As assessed above, direct impacts on flora and fauna species of conservation importance due to the proposed residential development is considered to be of **low** in the absence of mitigation measures.

4.2.2 Indirect Impact

4.2.2.1 Indirect Impacts on Fung Yuen Stream

Under the proposed drainage system, the existing watercourse will be divided into an upper section and lower section (***Appendix D1***). The upper section of the existing watercourse will be connected to the proposed 4m x 3m box culvert via a proposed 1,650mm diameter pipe whilst the lower section of the existing stream course will serve to receive part of flow from the existing culvert, flow from the

existing 1800 drain and runoff from the Development Site so that the watercourse habitat can be maintained while the flooding condition at the Development Site can be improved. Therefore, indirect impact induced by drainage works to the aquatic species inhabited in the Fung Yuen Stream is considered to be **low**.

Construction runoff from the future construction site may contain loads of suspended solids and contaminants. Potential sources of water pollution from site runoff may include:

- Runoff and erosion of exposed bare soil and earth, drainage channels and stockpiles,
- Uncontrolled discharge of wastewater generated from concrete washing and sewage generated from on-site work force,
- Release of cement materials with rain wash,
- Wash water from dust suppression sprays and vehicle wheel washing facilities, and
- Fuel, oil, and lubricant from maintenance of construction vehicles and mechanical equipment.

Water pollution could be substantial if construction runoff is allowed to discharge into the Fung Yuen Stream without mitigation, resulting in adverse impacts through physical and biological disruption of its aquatic ecosystem, although most recorded aquatic fauna (e.g. Mosquito Fish, Mozambique Tilapia and Apple Snail) in the stream have relatively high tolerance to deteriorated water quality. In the absence of mitigation measures, the impact is considered to be **low to moderate** to the stream ecosystem due to its semi-natural status.

It is considered that the consequential impacts during operation of the proposed residential development on the local area are much lower. The sewage to be generated by the proposed development will be collected to a sewage treatment plant to be constructed with the development. All sewage from the residential development will be treated to the discharge standard stipulated under Water Pollution Control Ordinance (WPCO) by the sewerage treatment plant prior to discharge. Hence, indirect hydrological and water quality impacts on the surrounding watercourse during operational phase would be **low**.

4.2.2.2 Indirect Impacts on Other Habitats (Construction Phase)

The shrubland-grassland, grassland, agricultural land, developed area and watercourse adjacent to the Development Site are among the other habitats to be indirectly impacted by the project, due to the potential spillover of development-induced disturbance arising from the proposed developed. Disturbance-sensitive species which use these habitats could be impacted as well, as the disturbance would make the habitats no longer suitable to them. Potential sources of disturbance accrued from the proposed development are two-fold, namely, increased human activities, noise, glare and dust during the construction phase and the impact of noise and glare during the operational phase.

Dust, waste generation glareand noise disturbance are predicted to occur during the construction phase, which may arise from the activities such as passage of vehicles along access road and set-up of site hoarding. Although some of the fauna inhabiting the area are mobile and able to move to the other similar habitats nearby, they would still be negatively affected by the proposed development to some extent, and the impact is considered to be **low to moderate** without mitigation measures.

4.2.2.3 Indirect Impacts on Other Habitats (Operational Phase)

Compared to the construction phase, noise impacts at the operation stage of the project would be considerably reduced. At this time the main source of disturbance would be from the increased glare as a result of lighting during night time and the slightly increased human population in the area, potentially leading to increased disturbance to nearby habitats. However, as the Development Site is surrounded by existing residential areas, wildlife in this area are already habituated to the relatively high levels of human activities; the increase in human activities is limited. Additionally, since the Development Site is closed to extensive existing artificial lighting (such as road lights for Fung Yuen

Road and nearby villages residential developments), nocturnal species would have already adapted to the environment or otherwise avoided the area. Therefore, no significant additional glare impact is predicted. In the absence of mitigation measures, the disturbance impact on the adjacent habitats and their associated wildlife during the operational phase is predicted to be **low.**

Disturbance to the Fung Yuen Valley SSSI and associated wildlife is not anticipated, as the shortest distance between the Development Site and Fung Yuen Valley SSSI is approximately 300 meters apart.

4.3 Mitigation Measures

4.3.1 General

In accordance with the guidelines in the *EIAO-TM* Annex 16 on ecological impact assessment, the policy adopted in this EcoIA for mitigating significant ecological impacts, in order of priority, is as follows.

Avoidance: Potential impacts should be avoided to the maximum extent practicable by adopting suitable alternatives;

Minimisation: Unavoidable impacts should be minimised by taking appropriate and practicable measures such as constraints on intensity of works operations or timing of works operations; and

Compensation: The loss of important species and habitats may be provided for elsewhere as compensation. Enhancement and other conservation measures should always be considered whenever possible.

4.3.2 Avoidance

The proposed development will be limited to scattered woodland, grassland, shrubland-grassland, agricultural area, abandoned orchard, developed area and watercourse habitats which have low and low to moderate ecological value. All potential works will have at least 3m setback distance to the watercourse within the Development Site so that direct impact to the watercourse has been largely avoided. Only small part of the watercourse (<0.01ha) will be diverted and provided with box culvert. Direct impacts on flora species of conservation importance, *Mucuna championii* has been also avoided by careful disposition of the residential building of the proposed development as shown in the MLP.

To avoid potential trampling impacts due to the workers, flexible fence should be erected around the identified *Mucuna championii* within the Development Site during the construction phase. The fenced off exclusion zone should have a buffer distance of at least 0.5m between the fence and the identified *Mucuna championii*. Regular checks on the exclusion zone should be conducted to ensure the fence is in good condition.

4.3.3 Minimisation

To minimise the disturbance of the construction works to the surrounding habitats and associated wildlife, it is recommended that good construction practices are implemented to reduce the potential impacts during the construction phase. In particular, indirect water impact on any aquatic fauna during the construction phase could easily be prevented by implementing the water control quality measures as stipulated in ETWB TCW No. 5/2005.

The following measures are recommended to minimise the potential ecological impacts arise from the proposed development.

4.3.3.1 Good Construction Practices

- Avoid any damage and disturbance, particularly those caused by filling and illegal dumping, to the surrounding habitats by proper implementation of trip ticket system;

- All construction activities will be carried out in daytime (i.e. 7:00 am to 7:00 pm) only to minimise potential impacts to wildlife inhabiting adjacent habitats;
- Direct lighting on adjacent habitats to the Development Site should be avoided, and night-time lighting will be controlled and minimised to reduce potential ecological impacts;
- Mitigation measures for air quality impact (e.g. regularly spraying dusty areas to maintain the entire surface wet, and covering stockpiles of dusty materials entirely by impervious sheeting) will be implemented to minimise the disturbance to wildlife generated from dust;
- The construction works will be carried out using Quality Powered Mechanical Equipment (QPME) to minimise the potential noise disturbance impacts; and
- The work site boundaries should be regularly checked to ensure that they are not breached and that no damage occurs to surrounding areas.

4.3.3.2 Control of Construction Runoff to the Habitats in the Proximity

- Provide sedimentation tank for settling runoff prior to discharge;
- Control measures, including implementation of excavation schedules, lining and covering of excavated stockpiles will be implemented to minimise contaminated stormwater run-off from the proposed development into the stream; and
- Provide vehicle washing facility at the main exit of the construction site and water recaptured or discharged offsite via sand traps to the drainage paths away from the nearby watercourse.

The mitigation measures relevant to protecting the watercourses including setting up buffer and adoption of water control quality measures should be reviewed and confirmed with AFCD during the next stage following approval of the S12A application.

4.3.4 Compensation

Since habitat loss due to construction within Development Site would have low/ low to moderate ecological value, also no species of conservation importance will be affected significantly, habitat compensation would not be required. However, for the loss of trees within the affected habitats especially for scattered woodland, trees will be compensated within the Development Site, following the *DEVB TCW No.04/2020 – Tree Preservation* and *LAO PN No. 2/2020 – Tree Preservation and Tree Removal Application for Building Development in Private Projects.*

4.4 Cumulative Impacts

Cumulative impacts are not anticipated, as there is no committed development to be conducted in the vicinity.

4.5 Residual Impacts

The proposed development within the Development Site will be developed into a residential area which will result in loss of scattered woodland, grassland, shrubland-grassland, abandoned orchard, agricultural area, developed area and watercourse habitats as identified in ***Section 4.1***. In view of the general low/ low to moderate ecological value of the habitats and the high mobility of the recorded fauna species of conservation interest within the Development Site and Surrounding Study Area, with the implementation of the proposed mitigation measures as discussed in ***Section 4.3***, no significant residual ecological impact is anticipated.

5. CONCLUSION

Overall, the habitats recorded within Development Site and Surrounding Study Area are considered to have low/low to moderate ecological value, while the seven habitats recorded within Development Site, i.e. scattered woodland, grassland, shrubland-grassland, agricultural area, abandoned orchard, developed area and watercourse, are considered to have low and low to moderate ecological value. Species of conservation importance recorded in the Development Site included a climber species *Mucuna championii*, bat species Japanese Pipistrelle, Least Pipistrelle, Chinese Pipistrelle, Chinese Noctule, Lesser Yellow Bat and Himalayan Leaf-nosed Bat, seven bird species, including Black-crowned Night Heron, Chinese Pond Heron, Great Egret, Little Egret, Black Kite, Greater Coucal and Grey Treepie and a reptile species Common Rat Snake. The potential ecological impacts to the species of conservation importance are not considered to be significant as the *Mucuna championii* will be preserved *in situ* and the recorded fauna species of conservation importance are highly mobile.

Mitigation measures during construction and operational phases are recommended to reduce the potential disturbance to the existing habitats, e.g., the Fung Yuen Stream and habitats in the proximity. Proper control of construction runoff and good construction practices are recommended to minimise the disturbances to habitats in the vicinity. With the implementation of these appropriate mitigation measures, the predicted impacts resulted from the proposed development would all be reduced to low. No adverse residual ecological impacts on the local area due to the proposed development are anticipated.

Legend

- Development Site
- Surrounding Study Area

Recognised Sites of Conservation Importance

- Pat Sin Leng Country Park
- Fung Yuen Valley SSSI
- Fung Yuen Butterfly Reserve

Species of Conservation Importance

Flora

- *Mucuna championii*

Mammal

- Japanese Pipistrelle
- Unidentified Bat

Avifauna

- Chinese Pond Heron
- Greater Coucal
- Little Egret

Odonate

- Scarlet Basker

Area (A) Phase I

Area (A) Phase II

Area (B) 污水泵房

N

Metres

0 100 200

Figure 3.1

Recognised Sites of Conservation Importance and
Species of Conservation Importance Recorded from Literature Review

ERM

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Date: 10/9/2025

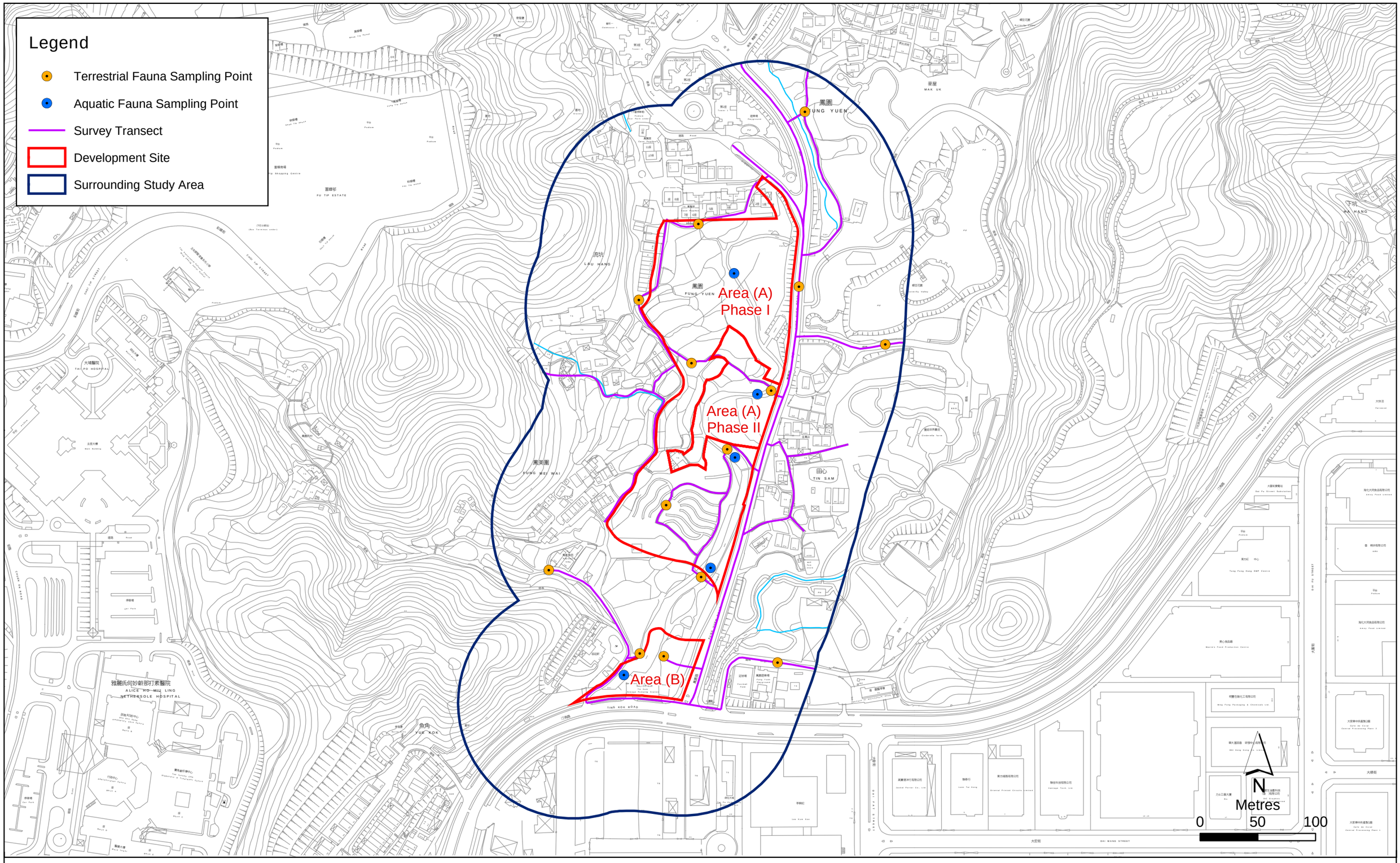

Figure 3.2

Survey Transect and Sampling Point

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Date: 10/9/2025

Legend

- Development Site
- Surrounding Study Area

Species of Conservation Importance

Flora

- *Illigera celebica*
- *Mucuna championii*

Mammal

- Chinese Noctule
- Chinese Pipistrelle
- Himalayan Leaf-nosed Bat
- Japanese Pipistrelle
- Least Pipistrelle
- Lesser Yellow Bat

Avifauna

- Black-crowned Night Heron
- Black Kite
- Chinese Pond Heron
- Crested Serpent Eagle
- Greater Coucal
- Grey treepie
- Little Egret

Butterfly

- Forget-me-not
- Metallic Cerulean
- White Dragontail

Raptile

- Common rat snake

Habitat

- Secondary Woodland
- Scattered Woodland
- Grassland
- Shrubland-grassland
- Agricultural Area
- Abandoned Orchard
- Developed Area
- Watercourse
- Artificial Pond

Area (A) Phase I

Area (A) Phase II

Area (B)

N

Metres

0 50 100

Figure 3.3

Habitat Map and Species of Conservation Importance Recorded

ERM

File: T:\GIS\CONTRACT\0616883\mxd\0616883_Habitat_Map.mxd
Date: 10/9/2025

Legend

- Development Site
- Stream
- Private Street

Species of Conservation Importance

Flora

- *Illigera celebica*
- *Mucuna championii*

Mammal

- Chinese Noctule
- Chinese Pipistrelle
- Himalayan Leaf-nosed Bat
- Japanese Pipistrelle
- Least Pipistrelle
- Lesser Yellow Bat

Avifauna

- Black-crowned Night Heron
- Black Kite
- Chinese Pond Heron
- Crested Serpent Eagle
- Greater Coucal
- Grey treepie
- Little Egret

Butterfly

- Forget-me-not
- Metallic Cerulean
- White Dragontail

Raptile

- Common rat snake

*PLEASE NOTE THE AREA DEMARCATIONS ARE APPROXIMATE ONLY

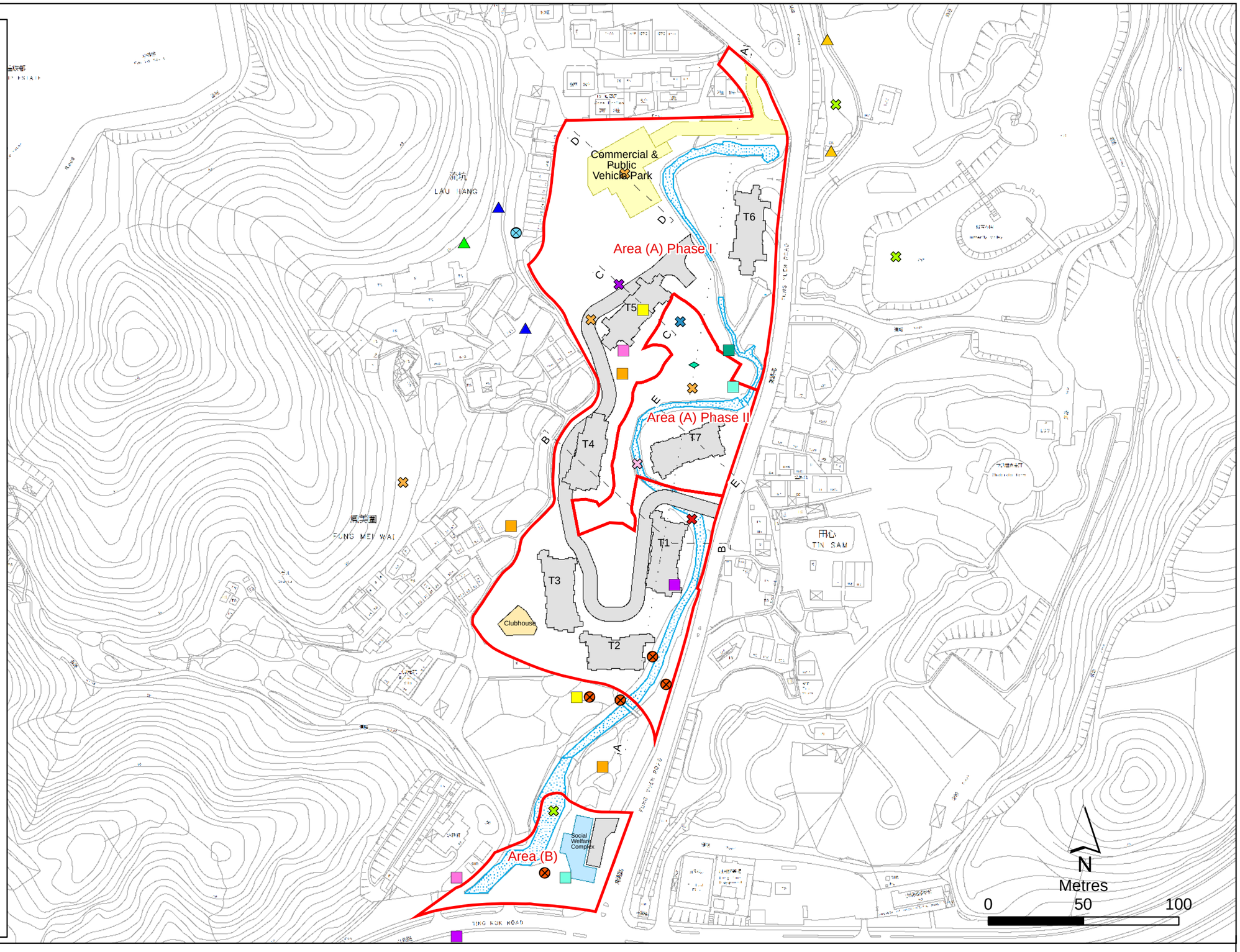

Figure 4.1

Preliminary Master Layout Plan and Location of Species of Conservation Importance

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Date: 15/9/2025

APPENDIX A1 HABITAT PHOTOS OF SURROUNDING STUDY AREA



Secondary Woodland



Scattered Woodland



Grassland



Shrubland-Grassland



Agricultural Area



Developed Area

Appendix A1

Habitat Photos (Surrounding Study Area)

DATE: 31 May 2025

Environmental Resources Management ERM



Semi-Natural Watercourse



Channelised Watercourse



Artificial Pond

Appendix A1

Habitat Photos (Surrounding Study Area)

DATE: 31 May 2025

Environmental Resources Management ERM

APPENDIX A2 HABITAT PHOTOS OF DEVELOPMENT SITE



Scattered Woodland



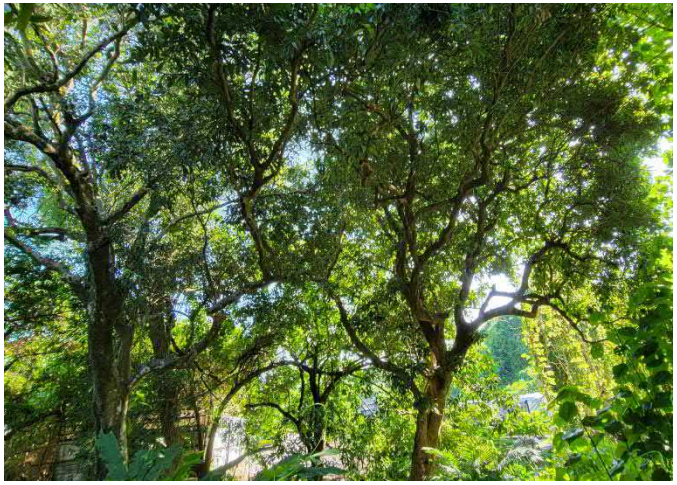
Grassland



Shrubland-Grassland



Agricultural Area



Abandoned Orchard



Developed Area

Appendix A2

Habitat Photos (Development Site)

DATE: 31 May 2025

Environmental Resources Management ERM



Semi-natural watercourse (Fung Yuen Stream)



Channelised watercourse (Fung Yuen Stream)

APPENDIX A3 PHOTOGRAPHIC RECORDS OF SPECIES OF CONSERVATION IMPORTANCE



Mucuna championii (climber)



Illigera celebica (climber)

APPENDIX B RELATIVE ABUNDANCE OF PLANT SPECIES RECORDED WITHIN DEVELOPMENT SITE AND SURROUNDING STUDY AREA

Appendix B Presence of Plant Species Recorded Within the Study Area

Species Name	Chinese Name	Origin[1]	Growth Form	Commonness[2]	Conservation Status[3]	Habitat[3]													
						Development Site							Study Area						
						SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
Acacia confusa	台灣相思	E	Tree	Widely cultivated in Hong Kong	-									+++				+++		
Acacia mangium	大葉相思，馬占相思	E	Tree	Widely cultivated in Hong Kong	-								++							
Adiantum capillus-veneris	鐵線蕨	N	Herb	-	-								+							
Ageratum conyzoides	藿香薊，勝紅薊	E	Herb	Naturalized and widely distributed in Hong Kong	-		++	++								++				
Aglaia odorata	米仔蘭	E	Shrub/Tree	Cultivated	-											++				
Alangium chinense	八角楓	N	Shrub/Tree	Common in Hong Kong	-	+							++							
Albizia lebbeck	大葉合歡	E	Tree	Cultivated in Hong Kong	-									++						
Alchornea trewioides	紅背山麻桿	N	Shrub	Common in Hong Kong	-						+		+							
Allium tuberosum	韭	E	Herb	Cultivated	-		++													
Alocasia macrorrhizos	海芋	N	Herb	Common in Hong Kong	-		+++	+		+	+		++	++						
Alternanthera sessilis	蓮子草， 蝦鉗菜	N	Herb	Common in Hong Kong	-														++	
Amaranthus viridis	野莧	N	Herb	Common in Hong Kong	-		+++											+		
Aporosa dioica	銀柴	N	Tree	Common in Hong Kong	-			++					+++							
Araucaria cunninghamii	南洋杉，花旗杉	E	Tree	Cultivated in gardens	-													+		
Archidendron lucidum	亮葉猴耳環	N	Tree	Common in Hong Kong	-								++							
Archontophoenix alexandrae	假檳榔	E	Tree	Commonly cultivated	-													++		
Artocarpus heterophyllus	菠蘿蜜	E	Tree	Cultivated	-									++						
Averrhoa carambola	楊桃	E	Tree	Cultivated	-								+							
Bambusa ventricosa	佛肚竹	E	Bamboo	Victoria Peak, Tai Po and gardens (cultivated)	-													+		
Bauhinia sp.	羊蹄甲屬	-	Tree	-	-		+													
Benincasa hispida	冬瓜	E	Herb	Cultivated	-													+		
Bidens alba	白花鬼針草	E	Herb	Naturalized and widely distributed in Hong Kong	-	+	+++	++			++			++	+++					
Bischofia javanica	秋楓	N	Tree	Common in Hong Kong	-			+					++							
Blechnum orientale	烏毛蕨	N	Herb	-	-								+							
Boehmeria nivea	苧麻	E	Shrub	Common in Hong Kong, either wild or in cultivation	-		+	+++				+++								
Bombax ceiba	木棉	E	Tree	Cultivated	-			+						+						
Bougainvillea spectabilis	簕杜鵑	E	Climber/Shrub	Cultivated in gardens of as a pot plant	-									+++				+++		
Brassica chinensis	白菜，青菜	E	Herb	Cultivated	-				+								+			
Breynia fruticosa	黑面神	N	Shrub	Common in Hong Kong	-		++	+					+							
Bridelia tomentosa	土蜜樹，逼迫仔	N	Shrub/Tree	Common in Hong Kong	-	+					+		++							
Broussonetia papyrifera	構樹	N	Tree	Common in Hong Kong	-								+							
Byttneria aspera	刺果藤	N	Climber	Common in Hong Kong	-	+														
Caesalpinia crista	華南雲實，假老虎簕	N	Climber	Common in Hong Kong	-								++							
Calamus tetradactylus	白藤	N	Climber	Common in Hong Kong	RLCHP: VU								++							
Calliandra haematocephala	朱纓花，紅絨球	E	Shrub	Cultivated in gardens	-													++		
Callistemon viminalis	串錢柳	E	Tree	Cultivated	-													++		
Merremia umbellata subsp. Orientalis	山豬菜	N	Climber	Common in Hong Kong	-								+							
Cansjera rheedii	山柑藤	N	Climber/Shrub	Aberdeen, Deep Water Bay, New Territories, Lantau Island	-								+++							
Carica papaya	番木瓜	E	Tree	Cultivated	-													+		
Carmona microphylla	基及樹，福建茶	E	Shrub	Cultivated	-													++		
Castanopsis fissa	鰲蒴錐	N	Tree	Common in Hong Kong. Also widely planted	-													+		
Celtis sinensis	朴樹	N	Tree	Common in Hong Kong and widely planted	-			++			+	+	+++	+++						
Cerbera manghas	海芒果	N	Tree	Common in Hong Kong	-													++		
Cinnamomum burmannii	陰香	N	Tree	Common in Hong Kong. Also cultivated	-						++		++					+++		
Cinnamomum camphora	樟	N	Tree	Common in Hong Kong. Also cultivated	-								+							
Citrus reticulata	桔	E	Tree	Cultivated	-						+						+			
Clausena lansium	黃皮	E	Tree	Cultivated	-		+											+		
Cleome rutidosperma	印度白花菜	E	Herb	Cultivated	-						++							+		
Clerodendrum fortunatum	鬼燈籠，白花燈籠	N	Shrub	Common in Hong Kong	-			++												
Clerodendrum japonicum	赪桐	E	Shrub	Cultivated	-		+													
Cocculus orbiculatus	木防己	N	Climber	Common in Hong Kong	-		+	+					+							
Codiaeum variegatum	變葉木，灑金榕	E	Shrub	Cultivated	-													+++		
Colocasia esculenta	芋	N	Herb	Cultivated or wild	-							++								
Commelina diffusa	節節草	N	Herb	Common in Hong Kong	-														+++	
Cordia dichotoma	破布木	N	Tree	Stanley, Garden Rd., Lai Chi Kok, Tai Po, Lam Tsuen, Ma On Shan, Tai Mo Shan, Sai Kung (Tai Long), Sha Tau Kok, Lantau Island	-			++												

Appendix B Presence of Plant Species Recorded Within the Study Area

Species Name	Chinese Name	Origin[1]	Growth Form	Commonness[2]	Conservation Status[3]	Habitat[3]													
						Development Site							Study Area						
						SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
Cratoxylum cochinchinense	黃牛木	N	Shrub/Tree	Common in Hong Kong	-								+++							
Cyclosorus interruptus	間斷毛蕨	N	Herb	-	-	++		++							+					
Cyclosorus parasiticus	華南毛蕨	N	Herb	-	-								++							
Cyperus distans	疏穗莎草	N	Herb	Common in Hong Kong	-		++													
Cyperus involucratus	風車草	E	Herb	Cultivated or naturalized	-										++					
Cyrtococcum patens	弓果黍	N	Herb	Common in Hong Kong	-	+	+	++					++		++					
Dalbergia benthamii	兩廣黃檀	N	Climber	Common in Hong Kong	-								+++							
Daphniphyllum calycinum	牛耳楓	N	Shrub	Common in Hong Kong	-								++							
Delonix regia	鳳凰木	E	Tree	Cultivated	-						+++							+++		
Desmos chinensis	假鷹爪	N	Climber/Shrub	Common in Hong Kong	-								+++							
Dianella ensifolia	山菅蘭	N	Herb	Common in Hong Kong	-													+		
Dicranopteris pedata	芒萁	N	Herb	-	-								++							
Dimocarpus longan	龍眼，桂圓	E	Tree	Cultivated	RLCHP: VU; Wild plant under State protection (category II)*					+++				++				++		
Drymaria cordata	荷蓮豆	N	Herb	Tsiu Hang, Mui Tsz Lam, Mau Ping, Chung Mei, TaiM Po Kau, Ng Tung Chai, Tai Mo Shan, Lin Fa Shan	-														+	
Dypsis lutescens	散尾葵	E	Shrub	Cultivated	-													+++		
Eucalyptus robusta	大葉桉，大葉有加利	E	Tree	Cultivated	-			+												
Ficus hispida	對葉榕	N	Shrub/Tree	Common in Hong Kong	-	+++	+	+++				+	+	+++						
Ficus microcarpa	細葉榕	N	Tree	Common in Hong Kong. Also widely cultivated	-			+			++	+	++	+++						
Ficus pumila	薜荔	N	Climber	Common in Hong Kong	-									+						
Ficus variegata	青果榕	N	Tree	Common in Hong Kong	-								+							
Flueggea virosa	白飯樹	N	Shrub	Tai Tam, Ngau ChiWan, Fanling, Po Leng , Tai Po, Butterfly Hill	-	+++														
Gynostemma pentaphyllum	絞股藍	N	Climber	Tai Mo Shan, Ng Tung Chai, Tsz Mun Tin	-									+						
Hedyotis hedyotidea	牛白藤	N	Climber/Shrub	Common in Hong Kong	-								++							
Heteropanax fragrans	幌傘楓，火通木	E	Tree	Cultivated	-													++		
Hibiscus sabdariffa	玫瑰茄，洛神花	E	Shrub	-	-		++											+		
Hibiscus tiliaceus	黃槿	N	Tree	Hong Kong Island, Shek O, Ma Liu Shui, Mai Po, Leung Shuen Wan Chau (Tall Island)	-											++				
Hylocereus undatus	量天尺，霸王花，火龍果	E	Herb	Cultivated	-		+													
Illigera celebica	寬葉青藤，青藤	N	Evergreen woody liana cl	Fung Yuen, She Shan	Protected under Forests and Countryside Ordinance (Cap. 96); Category 4 (AFCD, 2003)								+							
Ipomoea batatas	番薯	E	Herb	Cultivated	-				++								++	+		
Ipomoea cairica	五爪金龍	E	Herb	Common in Hong Kong	-		+	++								+				
Ipomoea triloba	三裂葉薯，三裂葉牽牛	E	Herb	Naturalized in Hong Kong	-	++									++					
Jasminum sambac	茉莉花	E	Shrub	Cultivated	-			++			+									
Kyllinga brevifolia	短葉水蜈蚣	N	Herb	Common in Hong Kong	-														+	
Kyllinga nemoralis	單穗水蜈蚣	N	Herb	Common in Hong Kong	-					++		++								
Kyllinga polyphylla	水蜈蚣	E	Herb	Victoria Park, Tsiu Hang, Tai Po Kau	-							+++							++	
Lagerstroemia speciosa	大花紫薇	E	Tree	Cultivated	-			++								++				
Lantana camara	馬纓丹	E	Shrub	Naturalized in Hong Kong	-		+	+++					++							
Leucaena leucocephala	銀合歡	E	Shrub/Tree	Cultivated or naturalized	-	+++		++++						++++						
Ligustrum sinense	山指甲	E	Shrub/Tree	Common in Hong Kong and widely cultivated	-			+			++									
Liquidambar formosana	楓香	N	Tree	Common in Hong Kong. Also widely planted	-			+												
Liriope spicata	山麥冬，麥門冬	N	Herb	Common in Hong Kong	-								+							
Litchi chinensis	荔枝	E	Tree	Cultivated	RLCHP: EN*	+++				++++								+		
Lonicera japonica	金銀花，忍冬	N	Climber	Tai Tam	-														+	
Lophatherum gracile	淡竹葉	N	Herb	Common in Hong Kong	-			+		++										
Ludwigia adscendens	水龍	N	Herb	Lai Chi Kok, Tai Po, Lam Tsuen, Mui Tsz Lam, Wu Kau Tang, Lantau Island	-			++											++	
Ludwigia hyssopifolia	草龍	N	Herb	Tai Lam Chung	-		+					++								
Ludwigia octovalvis	毛草龍	N	Herb	Hong Kong Island, Tai Po, Mai Po, Sheung Shui, Sai Kung, Lantau Island, Po Toi	-		+++													
Ludwigia perennis	細花丁香蓼	N	Herb	Sha Tin, Mai Mo Shan	-		++													
Lygodium japonicum	海金沙	N	Climber/Herb	-	-	+	++	++			+			++						
Macaranga tanarius var. tomentosa	血桐	N	Tree	Common in Hong Kong	-	++		++		++	+		++	++++						
Machilus chekiangensis	浙江潤楠	N	Tree	Common in Hong Kong	-								+++							

Appendix B Presence of Plant Species Recorded Within the Study Area

Species Name	Chinese Name	Origin[1]	Growth Form	Commonness[2]	Conservation Status[3]	Habitat[3]													
						Development Site							Study Area						
						SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
Maesa perlarius	鯽魚膽	N	Shrub	Widely distributed in Hong Kong	-	++							++							
Mallotus paniculatus	白楸	N	Shrub/Tree	Common in Hong Kong	-			+					++							
Malvastrum coromandelianum	賽葵	N	Herb/Shrub	Common in Hong Kong	-													+		
Mangifera indica	芒果	E	Tree	Cultivated	-													+		
Melia azedarach	苦楝，楝，森樹	E	Tree	Cultivated or naturalized	-									+++						
Melicope pteleifolia	三桠苦	N	Shrub/Tree	Common in Hong Kong	-								+							
Michelia x alba	白蘭	E	Tree	Widely cultivated in gardens	-													+		
Microcos nervosa	破布葉 ，布渣葉	N	Shrub/Tree	Common in Hong Kong	-								+++							
Microstegium ciliatum	剛莠竹	N	Herb	Common in Hong Kong	-		++++	+++			+				++				++	
Mikania micrantha	薇甘菊	E	Climber/Herb	Naturalized and widely distributed in Hong Kong	-	++		++					+	++						
Millettia nitida	亮葉雞血藤，亮葉崖豆藤	N	Climber	Common in Hong Kong	-								++							
Mucuna championii	**滘油麻藤**	N	Climber	Causeway Bay, Tai Po, She Shan Tsuen, Lam Tsuen Valley, Fung Yuen, Plover Cove, Kuk Po.	Listed in Rare and Precious Plants of Hong Kong, status in China as "Endangered" (AFCD 2003)			+								+				
Murraya paniculata	九里香	E	Tree	Cultivated or naturalized	-													+++		
Musa x paradisiaca	大蕉	E	Herb	Cultivated	-				+		++						+			
Nasturtium officinale	西洋菜	E	Herb	Cultivated	-														+	
Opuntia stricta var. dillenii	仙人掌	E	Shrub/Tree	Cultivated or naturalized	-						+									
Osmanthus fragrans	桂花，木犀	E	Shrub/Tree	Cultivated	-			+										++		
Oxalis corniculata	酢漿草	N	Herb	Common in Hong Kong	-													++		
Paederia scandens	雞矢藤	N	Herb	Common in Hong Kong	-									+		+				
Panicum maximum	大黍	E	Herb	Cultivated for forage	-		+++	++						+	+					
Passiflora edulis	雞蛋果，百香果，熱情果	E	Climber	-	-												+	+		
Passiflora foetida	龍珠果	E	Climber	Common in Hong Kong. Naturalized	-								+							
Peltophorum tonkinense	銀珠	E	Tree	Cultivated	-									++						
Pennisetum alopecuroides	狼尾草	N	Herb	Common in Hong Kong	-										+					
Pennisetum purpureum	象草，紫狼尾草	E	Herb	Cultivated	-		+	+												
Phyllanthus cochinchinensis	越南葉下珠，鐵包金	N	Shrub	Common in Hong Kong	-			+					+							
Picrasma quassioides	苦樹	N	Tree	Common in Hong Kong	-								+							
Pilea microphylla	小葉冷水花	E	Herb	Common in Hong Kong (naturalized)	-						+									
Podocarpus macrophyllus	羅漢松	N	Tree	Coastal hillslopes on eastern seashores. It is also cultivated in urban parks and gardens	RLCHP: VU*													+		
Polygonum perfoliatum	杠板歸，貫葉蓼	N	Climber/Herb	Common in Hong Kong	-		+													
Portulaca oleracea	馬齒莧	N	Herb	Common in Hong Kong	-														+	
Psychotria asiatica	山大刀，九節	N	Shrub/Tree	Common in Hong Kong	-			+					+++							
Pteridium aquilinum var. latiusculum	蕨	N	Herb	-	-								+							
Pteris semipinnata	半邊旗	N	Herb	-	-								+							
Eremochloa ciliaris	蜈蚣草	N	perennial herb	Common in Hong Kong	-													+		
Pterocarpus indicus	紫檀，牛血樹	E	Tree	Cultivated	RLCHP: CR*													++		
Pueraria lobata	野葛	N	Climber	Common in Hong Kong	-		++	+			+	+								
Pueraria lobata var. montana	葛麻姆	N	Climber	Common in Hong Kong	-		++	++												
Pueraria phaseoloides	三裂葉野葛	N	Climber	Common in Hong Kong	-											++				
Pyrrosia adnascens	貼生石韋	N	Herb	-	-								+							
Ricinus communis	蓖麻	E	Shrub	Cultivated & naturalized	-		+	++												
Rourea minor	大葉紅葉藤，牛栓藤	N	Climber/Shrub	Aberdeen, Hoi Ha, Chek Keng, Lantau Island	-								++							
Rubus reflexus	鏽毛莓，蛇泡筋	N	Climber/Shrub	Common in Hong Kong	-								++							
Sabia limoniacea	檸檬清風藤，清風藤	N	Climber	Common in Hong Kong	-								+							
Saccharum officinarum	甘蔗	E	Herb	Cultivated	-						+									
Sapium discolor	山烏桕	N	Tree	Common in Hong Kong. Also planted	-								++							
Schefflera heptaphylla	鴨腳木	N	Shrub/Tree	Common in Hong Kong	-						++		++++					+		
Selaginella tamariscina	卷柏，還魂草	N	Herb	-	-													++		
Sida acuta	黃花稔	N	Herb	Hong Kong Island, Lai Chi Kok, Tai Po, Lau Fau Shan, Lantau Island	-													+		
Smilax china	菝葜，金剛藤	N	Climber	Common in Hong Kong	-								++							
Smilax glabra	土茯苓，光葉菝葜	N	Climber	Common in Hong Kong	-								++							
Solanum lasiocarpum	毛茄	N	Shrub/ Herb	Sai Kung, Mau Ping, Shing Mun, Tai Po, Sha Tau Kok	-						+									
Solanum melongena	矮瓜，茄子	E	Herb/Shrub	Cultivated	-		++		++								++			
Stachytarpheta jamaicensis	假馬鞭	E	Herb/Shrub	Naturalized in Hong Kong	-			+										+		
Stephania longa	翼箕篤，千金藤	N	Climber	Aberdeen, Tai Po Kau, Ma On Shan, Sheung Shui, Tai Mong Tsai	-							+	+							
Sterculia lanceolata	假蘋婆	N	Tree	Common in Hong Kong	-					+++			+++							

Appendix B Presence of Plant Species Recorded Within the Study Area

Species Name	Chinese Name	Origin[1]	Growth Form	Commonness[2]	Conservation Status[3]	Habitat[3]													
						Development Site							Study Area						
						SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
Syngonium podophyllum	合果芋	E	Herb	-	-								++							
Syzygium jambos	蒲桃	E	Tree	Cultivated & naturalized	-					++	+									
Syzygium levinei	山蒲桃	0	0	Common in Hong Kong	-			+												
Tagetes erecta	萬壽菊	E	0	Cultivated	-													++		
Tetracera asiatica	錫葉藤	N	Climber	Common in Hong Kong	-								++							
Tetradium glabrifolium	楝葉吳茱萸	N	Tree	Hong Kong Island, Sai Kung, Tai Po, Bride's Pool, Lantau Island	-								+							
Vitex negundo var. cannabifolia	牡荊	N	Shrub/Tree	Wong Nai Chung Gap, Quarry Bay, Fung Yuen, Lo Wu, Lantau Island	-			++												
Wedelia chinensis	蟛蜞菊	N	Herb	Common in Hong Kong	-			++										+++		
Wedelia trilobata	三裂葉蟛蜞菊	E	Herb	Naturalized and widely cultivated	-											+++				
Zanthoxylum nitidum	兩面針	N	Climber/Shrub	Common in Hong Kong	-								++							
Zea mays	玉蜀黍	E	Herb	Cultivated	-				+								+			
Zehneria japonica	老鼠拉冬瓜	N	Herb	Tai Mo Shan, Tai Po, Tai Po Kau, Kap Lung	-								+	+						
					TOTAL	**15**	**30**	**44**	**5**	**8**	**23**	**10**	**64**	**22**	**8**	**9**	**7**	**41**	**10**	**0**

Notes:

1. Origin of plant species refers to AFCD (2012). Check List of Hong Kong Plants 2012. Agriculture, Fisheries and Conservation Department, HKSAR, Hong Kong.
2. Commonness follows:
   - Xing, F.W., Ng, S.C., Chau, L.K.C. 2000. Gymnosperms and angiosperms of Hong Kong. Memoirs of the Hong Kong Natural History Society 23: 21-136.
   - KFBG (2003) Flora of Hong Kong – Pteridophyta. Kadoorie Farm and Botanic Garden, Hong Kong
   - AFCD (2003) Rare and Precious Plants of Hong Kong. Agriculture, Fisheries and Conservation Department, HKSAR, Hong Kong.
   - AFCD (2007) Flora of Hong Kong Vol. 1. Edited by Hong Kong Herbarium, Agriculture, Fisheries and Conservation Department & South China Botanical Garden, Chinese Academy of Sciences
   - AFCD (2008) Flora of Hong Kong Vol. 2. Edited by Hong Kong Herbarium, Agriculture, Fisheries and Conservation Department & South China Botanical Garden Chinese Academy of Sciences
   - AFCD (2009) Flora of Hong Kong Vol. 3. Edited by Hong Kong Herbarium, Agriculture, Fisheries and Conservation Department & South China Botanical Garden Chinese Academy of Sciences
   - AFCD (2011) Flora of Hong Kong Vol. 3. Edited by Hong Kong Herbarium, Agriculture, Fisheries and Conservation Department & South China Botanical Garden Chinese Academy of Sciences

   Conservation status follows:
   - AFCD (2003) Rare and Precious Plants of Hong Kong. Agriculture, Fisheries and Conservation Department, HKSAR, Hong Kong.
   - Cap. 96A: Forestry Regulations, the subsidiary legislation of Forests and Countryside Ordinance (Cap. 96).
   - Cap. 586: Protection of Endangered Species of Animals and Plants Ordinance
   - CPRDB: Fu and Jin (1992) China Plant Red Data Book
   - IUCN: International Union for Conservation of Nature Red List of Threatened Species (2017). NT = Near threatened, VU = Vulnerable.
3. Habitats: SWL = Secondaey Woodland, SW = Scattered Woodland, GR = Grassland, SH-GR = Shrubland-grassland, AG = Agricultural Area, AO = Abandoned Orchard, DA = Developed Area, WC = Watercourse, AP = Artificial Pond
4. Indicative symbol "*" was used to indicate that a species is cultivated and is not considered as a species of conservation importance based on the new EIAO-TM guidelines

APPENDIX C RELATIVE ABUNDANCE OF WILDLIFE SPECIES RECORDED WITHIN DEVELOPMENT SITE AND SURROUNDING STUDY AREA

Appendix C1 Presence of Mammal Species Recorded Within the Study Area

Item No.	Common Name	Scientific Name	Chinese Name	Conservation Status[1]	Commonness[2]	Habitat[3]													
						Development Site							Surrounding Study Area						
						SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
1	Japanese Pipistrelle	*Pipistrellus abramus*	東亞家蝠	Cap.170	Widely distributed throughout Hong Kong.		✓									✓				
2	Least Pipistrelle	*Pipistrellus tenuis*	小伏翼	Cap.170	Ten-something records found in Nam Chung, Sheung Wo Hang, Lin Ma Hang, Plover Cove Country Park, Yuen Long, Shek Pik, Deep Water Bay, Ho Pui and Ho Chung.			✓										✓		
3	Chinese Pipistrelle	*Hypsugo pulveratus*	灰伏翼	Cap.170; Fellowes: (LC)	Only several records in the countryside areas at Ting Kau, Ma On Shan and Lin Ma Hang, and several records of stray individuals inside buildings.		✓			✓										
4	Chinese Noctule	*Nyctalus plancyi*	中華山蝠	Cap.170; Fellowes: PRC (RC)	Fairly widely distributed in countryside areas throughout Hong Kong.		✓											✓		
5	Lesser Yellow Bat	*Scotophilus kuhlii*	中黃蝠	Cap.170; Fellowes: (LC)	Fairly widely distributed in countryside areas throughout Hong Kong.		✓									✓				
6	Himalayan Leaf-nosed Bat	*Hipposideros armiger*	大蹄蝠	Cap.170; Fellowes: (LC)	Widely distributed in countryside areas throughout Hong Kong.			✓												
					TOTAL	**0**	**4**	**2**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**2**	**0**	**0**

Notes:

1. Conservation and Protection Status:
   a. Cap. 170 – Protected under Wild Animals Protection Ordinance
   b. Fellowes – Fellowes *et al.* (2002): RC = Regional Concern, PRC = Potential Regional Concern, LC = Local Concern
   Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
2. Commonness as per AFCD database: Available at https://bih.gov.hk/en/home/index.html
3. Habitats: SWL = Secondary Woodland, SW = Scattered Woodland, GR = Grassland, SH-GS = Shrubland-Grassland, AG = Agricultural Area, AO = Abandoned Orchard, DA = Developed Area, WC = Watercourse, AP = Artificial Pond
4. References:

AFCD. 2025. Hong Kong Biodiversity Information Hub. Accessed from <https://bih.gov.hk/en/home/index.html> in May 2025.

Fellowes *et al* . 2002. Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.

Ministry of Ecology and Environment of the People's Republic of China, and Chinese Academy of Sciences. 2023. Red List of China's Vertebrates.

Appendix C2 Maximum Count of Bird Species Recorded Within the Study Area

Item No.	Common Name	Scientific Name	Chinese Name	Conservation Status[1]	Distribution in Hong Kong[2]	Habitat[3]															
						Development Site								Surrounding Study Area							
						SW	GR	SH-GR	AG	AO	DA	WC	IF	SWL	SW	GR	SH-GR	AG	DA	WC	AP	IF
1	House Swift	*Apus nipalensis*	小白腰雨燕	-	Abundant spring migrant and common resident. Widely distributed in Hong Kong.			1					5									
2	Greater Coucal	*Centropus sinensis*	褐翅鴉鵑	CSMPS(II)	Common resident. Widely distributed in Hong Kong.		1	1		1												
3	Asian Koel	*Eudynamys scolopaceus*	噪鵑	-	Common resident. WIdely distributed in Hong Kong.	1											1					
4	Plaintive Cuckoo	*Cacomantis merulinus*	八聲杜鵑	-	Passage migrant and common visitor. Widely distributed in open area throughout Hong Kong.			1				1										
5	Large Hawk-cuckoo	*Hierococcyx sparverioides*	大鷹鵑	-	Locally common spring and summer visitor. Widely distributed in woodland throughout in Hong Kong.	1																
6	Spotted Dove	*Spilopelia chinensis*	珠頸斑鳩	-	Abundant resident. Widely distributed in Hong Kong.		2	2			1			1			1		3			
7	White-breasted Waterhen	*Amaurornis phoenicurus*	白胸苦惡鳥	-	Common resident. Widely distributed in wetland throughout Hong Kong.	1						1		1								
8	Black-crowned Night Heron	*Nycticorax nycticorax*	夜鷺	Fellowes: (LC)	Common resident and migrant. Widely distributed in Hong Kong.							1										
9	Chinese Pond Heron	*Ardeola bacchus*	池鷺	Fellowes: PRC (RC)	Common resident. Widely distributed in Hong Kong.							1	2								1	
10	Great Egret	*Ardea alba*	大白鷺	Fellowes: PRC (RC)	Common resident, migrant and winter visitor. Widely distributed in Hong Kong								1									
11	Little Egret	*Egretta garzetta*	小白鷺	Fellowes: PRC (RC)	Common resident, migrant and winter visitor. Widely distributed in coastal area throughout Hong Kong.							1	1									
12	Crested Serpent Eagle	*Spilornis cheela*	蛇鵰	Cap.586; Fellowes: (LC); CSMPS(II); CITES(II)	Common resident. Widely distributed in shrublands on hillsides throughout Hong Kong.												1					
13	Black Kite	*Milvus migrans*	黑鳶	Cap.586; Fellowes: (RC); CSMPS(II); CITES(II)	Common resident and winter visitor. Widely distributed in Hong Kong.			1									1					
14	Long-tailed Shrike	*Lanius schach*	棕背伯勞	-	Common resident. Widely distributed in open areas throughout Hong Kong.												1					
15	Red-billed Blue Magpie	*Urocissa erythroryncha*	紅嘴藍鵲	-	Common resident. Widely distributed in woodland edges throught Hong Kong.									2								
16	Grey Treepie	*Dendrocitta formosae*	灰樹鵲	Fellowes: LC	Locally common resident. Found in Sai Kung, Luk Keng, Tai Po Kau, Tai Tam Reservoir, Ho Chung, Hong Kong University, Lam Tsuen, Hok Tau.			2														
17	Large-billed Crow	*Corvus macrorhynchos*	大嘴烏鴉	-	Common resident. Widely distributed in Hong Kong.			1														
18	Japanese Tit	*Parus minor*	遠東山雀	-	Common resident. Widely distributed in Hong Kong.	1		2						2								
19	Chinese Bulbul	*Pycnonotus sinensis*	白頭鵐	-	Abundant resident. Widely distributed in Hong Kong	2											1		2			
20	Red-whiskered Bulbul	*Pycnonotus jocosus*	紅耳鵐	-	Abundant resident. Widely distributed in Hong Kong	2	2	5		1		2					3		5			
21	Barn Swallow	*Hirundo rustica*	家燕	-	Abundant passage migrant and uncommon winter visitor. Widely distributed in Hong Kong.	1		2											6			
22	Yellow-bellied Prinia	*Prinia flaviventris*	黃腹鷦鶯	-	Common resident. Widely distributed in Hong Kong			1									1					
23	Common Tailorbird	*Orthotomus sutorius*	長尾縫葉鶯	-	Common resident. Widely distributed in Hong Kong	1	1	1									1		2			
24	Swinhoe's White-eye	*Zosterops simplex*	暗綠繡眼鳥	-	Abundant resident. Widely distributed in Hong Kong		2	2		1		1							2			
25	Masked Laughingthrush	*Pterorhinus perspicillatus*	黑臉噪鸝	-	Abundant resident. Widely distributed in shrubland throughout Hong Kong	6		11	4	2		2					1					
26	Crested Myna	*Acridotheres cristatellus*	八哥	-	Abundant resident. Widely distributed in Hong Kong														1			
27	Common Myna	*Acridotheres tristis*	家八哥	-	Locally common resident. Found in Mai Po, Sheung Uk Tsuen, Sheung Shui, Kam Tin, Shek Kong, Ping Shan, Mong Tseng			2											3			
28	Black-collared Starling	*Gracupica nigricollis*	黑領椋鳥	-	Common resident. Widely distributed in Hong Kong	3	2	1									1		4		4	
29	Oriental Magpie Robin	*Copsychus saularis*	鵲鴝	-	Abundant resident. Widely distributed in Hong Kong	2	1	1				3		2			1		2			
30	Scarlet-backed Flowerpecker	*Dicaeum cruentatum*	朱背啄花鳥	-	Common resident. Widely distributed in wooded area throughout Hong Kong			2														
31	Fork-tailed Sunbird	*Aethopyga christinae*	叉尾太陽鳥	-	Common resident and winter visitor. Widely distributed in Hong Kong					4												
32	Eurasian Tree Sparrow	*Passer montanus*	樹麻雀	-	Abundant resident. Widely distributed in Hong Kong		15	15	6	2									10			
33	White Wagtail	*Motacilla alba*	白鶺鴒	-	Resident, common passage migrant and winter visitor. Widely distributed in Hong Kong							1										
34	Olive-backed Pipit	*Anthus hodgsoni*	樹鷚	-	Common passage migrant and winter visitor. Widely distributed in Hong Kong							1										

Appendix C2 Maximum Count of Bird Species Recorded Within the Study Area

Item No.	Common Name	Scientific Name	Chinese Name	Conservation Status[1]	Distribution in Hong Kong[2]	Habitat[3]														
						Development Site								Surrounding Study Area						
						SW	GR	SH-GR	AG	AO	DA	WC	IF	SWL	SW	GR	SH-GR	AG	DA	WC	AP	IF
	TOTAL					11	8	19	2	6	1	11	4	5	0	0	12	0	11	0	2	0

Notes:

1. Conservation and Protection Status:
   a. Cap. 170: Protected under Wild Animals Protection Ordinance, all birds in Hong Kong are protected under Cap. 170
   b. Cap. 586: Protection of Endangered Species of Animals and Plants Ordinance
   c. Fellowes – Fellowes et al. (2002): LC = Local Concern, PRC = Potential Regional Concern, RC = Regional Concern,.
   Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
   d. CSMPS – China State Major Protection Status: Appendix II
   e. CITES – Under Appendix (I), Appendix (II) or Appendix (III) of Convention on International Trade in Endangered Species of Wild Flora and Fauna
2. Distribution as per AFCD database. Available at https://bih.gov.hk/en/home/index.html:
3. Habitats: SWL = Secondary Woodland, SW = Scattered Woodland, GR = Grassland, SH-GS = Shrubland-Grassland, AG = Agricultural Area, AO = Abandoned Orchard, DA = Developed Area, WC = Watercourse, AP = Artificial Pond, IF = In-Flight
4. References:

AFCD. 2025. Hong Kong Biodiversity Information Hub. Accessed from <https://bih.gov.hk/en/home/index.html> in May 2025.

Fellowes *et al* . 2002. Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.

Ministry of Ecology and Environment of the People's Republic of China, and Chinese Academy of Sciences. 2023. Red List of China's Vertebrates.

Zheng, G. M. and Wang, Q. S. (1998). China Red Data Book of Endangered Animals: Aves. Science Press, Beijing, pp 1–346.

Appendix C3 Relative Abundance of Amphibian Species Recorded Within the Study Area

Item No.	Common Name	Scientific Name	Chinese Name	Conservation and Protection Status	Rarity in Hong Kong[1]	Distribution in Hong Kong[2]	Habitat[3/4]													
							Development Site							Surrounding Study Area						
							SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
1	Asian Common Toad	*Duttaphrynus melanostictus*	黑眶蟾蜍	-	Least Concern	Widely distributed in HK						+	++++	+	+						
2	Marbled Pigmy Frog	*Microhyla pulchra*	花姬蛙	-	Least Concern	Widely distributed in HK														+	+
3	Günther's Frog	*Sylvirana guentheri*	沼蛙	-	Least Concern	Widely distributed throughout HK							++		+						+
4	Brown Tree Frog	*Polypedates megacephalus*	斑腿泛樹蛙	-	Least Concern	Widely distributed throughout Hong Kong		+					+		+						
5	Greenhouse Frog	*Eleutherodactylus planirostris*	溫室蟾	-	-	Widely distributed throughout Hong Kong							+						+		
						TOTAL	**0**	**1**	**0**	**0**	**0**	**1**	**4**	**1**	**3**	**0**	**0**	**0**	**1**	**1**	**2**

Notes:

1. Rarity as per AFCD. 2009. The Proposed Action Plan for the Conservation of Amphibians in Hong Kong (NCSC 4/09). Annex 1.
2. Distribution as per AFCD database. Available at https://bih.gov.hk/en/home/index.html
3. Habitats: SWL = Secondary Woodland, SW = Scattered Woodland, GR = Grassland, SH-GS = Shrubland-Grassland, AG = Agricultural Area, AO = Abandoned Orchard, DA = Developed Area, WC = Watercourse, AP = Artificial Pond
4. Relative abundance: +: Scarce (1-5), ++: Uncommon (6-20), +++: Common (20 - 50), ++++: Abundant (>50)
5. References:

AFCD. 2025. Hong Kong Biodiversity Information Hub. Accessed from <https://bih.gov.hk/en/home/index.html> in May 2025.

AFCD. 2009. The Proposed Action Plan for the Conservation of Amphibians in Hong Kong (NCSC 4/09). Annex 1. Accessed from <http://www.epd.gov.hk/epd/textonly/english/boards/advisory_council/files/ncsc_paper04_2009.pdf> in Sep 2014

Fellowes *et al* . 2002. Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.

Ministry of Ecology and Environment of the People's Republic of China, and Chinese Academy of Sciences. 2023. Red List of China's Vertebrates.

Appendix C4 Maximum Count of Reptile Species Recorded Within the Study Area

Item No.	Common Name	Scientific Name	Chinese Name	Conservation and Protection Status[1]	Distribution in Hong Kong[2]	Habitat[3]															
						Development Site							Surrounding Study Area								
						SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
1	Red-eared Slider	*Trachemys scripta elegans*	巴西龜	-	Widely distributed and commonly found in reservoirs or ponds in urban parks							2								
2	Changeable Lizard	*Calotes versicolor*	變色樹蜥	-	Widely distributed throughout Hong Kong						1									
3	Long-tailed Skink	*Eutropis longicaudata*	長尾南蜥	-	Widely distributed throughout Hong Kong			1												
4	Bowring's Gecko	*Hemidactylus bowringii*	原尾蜥虎	-	Distributed throughout Hong Kong						1							2		
5	Common Rat Snake	*Ptyas mucosus*	滑鼠蛇	Cap.586; Fellowes: PRC; RLCV(EN); CITES(II)	Widely distributed throughout Hong Kong			1												
					TOTAL	**0**	**0**	**2**	**0**	**0**	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**

Notes:

1. Conservation and Protection Status:
   a. Cap. 586: Protection of Endangered Species of Animals and Plants Ordinance
   b. Fellowes – Fellowes et al. (2002): PRC = Potential Regional Concern
      Letters in parentheses indicate that the assessment is on the basis of restrictedness in breeding and/or roosting sites rather than in general occurrence.
   c. RLCV – Red List of China's Vertebrate (2020): EN = Endangered
   d. CITES – Under Appendix (I), Appendix (II) or Appendix (III) of Convention on International Trade in Endangered Species of Wild Flora and Fauna
2. Distribution as per AFCD database. Available at https://bih.gov.hk/en/home/index.html
3. Habitats: SWL = Secondary Woodland, SW = Scattered Woodland, GR = Grassland, SH-GS = Shrubland-Grassland, AG = Agricultural Area, AO = Abandoned Orchard, DA = Developed Area, WC = Watercourse, AP = Artificial Pond
4. References:

AFCD. 2025. Hong Kong Biodiversity Information Hub. Accessed from <https://bih.gov.hk/en/home/index.html> in May 2025.
Fellowes *et al* . 2002. Wild animals to watch: Terrestrial and freshwater fauna of conservation concern in Hong Kong. Memoirs of the Hong Kong Natural History Society 25:123-159.
Ministry of Ecology and Environment of the People's Republic of China, and Chinese Academy of Sciences. 2023. Red List of China's Vertebrates.
Zhao, E. 1998. China Red Data Book of Endangered Animals: Amphibia and Reptilia. Science Press. Beijing. China. 330pp.

Appendix C5 Maximum Count of Butterfly Species Recorded Within the Study Area

Item No.	Common Name	Scientific Name	Chinese Name	Consevation/ Protection Status [1]	Rarity in Hong Kong [2]	Distribution in Hong Kong [2]	Habitat[3]													
							Development Site							Surrounding Study Area						
							SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
1	Formosan Swift	*Borbo cinnara*	秈弄蝶	-	Common	Widely distributed throughout Hong Kong.			1		1										
2	Unidentified Swift	*Pelopidas sp.*	穀弄蝶屬	-	-	-		3			3										
3	Common Hedge Blue	*Acytolepis puspa*	紐灰蝶	-	Common	Widely distributed throughout Hong Kong.							2								
4	Forget-me-not	*Catochrysops strabo*	咖灰蝶	-	Very Rare; Species of Conservation Concern	Pui O, Tai Po Kau, Fung Yuen, Shing Mun, Sha Lo Wan.													2		
5	Lime Blue	*Chilades lajus*	紫灰蝶	-	Common	Widely distributed throughout Hong Kong.		1		1											
6	Metallic Cerulean	*Jamides alecto*	素雅灰蝶	-	Very Rare	Victoria Peak, Fung Yuen, Chuen Lung, Mui Wo.								1							
7	Dark Cerulean	*Jamides bochus*	雅灰蝶	-	Common	Widely distributed throughout Hong Kong.	2	3	4					10					20		
8	Transparent 6-line Blue	*Nacaduba kurava*	古樓娜灰蝶	-	Common	Widely distributed throughout Hong Kong.					2										
9	Pale Grass Blue	*Pseudozizeeria maha*	酢漿灰碟	-	Very Common	Widely distributed throughout Hong Kong.		1		1			5				8		1		
10	Lesser Grass Blue	*Zizina otis*	毛眼灰蝶	-	Common	Widely distributed throughout Hong Kong.		1	1												
11	Slate Flash	*Rapala manea*	燕灰蝶	-	Common	Widely distributed throughout Hong Kong.													1		
12	Plum Judy	*Abisara echerius*	蛇目褐蜆蝶	-	Very Common	Widely distributed throughout Hong Kong.								1							
13	Common Tiger	*Danaus genutia*	虎斑蝶	-	Common	Widely distributed throughout Hong Kong.					5			5							
14	Common Indian Crow	*Euploea core*	幻紫斑蝶	-	Common	Widely distributed throughout Hong Kong.	1		2		4			5		2			5		
15	Blue-spotted Crow	*Euploea midamus*	藍點紫斑蝶	-	Very Common	Widely distributed throughout Hong Kong.		1													
16	Blue-spotted Crow	*Euploea midamus*	藍點紫斑蝶	-	Very Common	Widely distributed throughout Hong Kong.			1												
17	Indian Fritillary	*Argyreus hyperbius*	斐豹蛺蝶	-	Common	Widely distributed throughout Hong Kong.					2										
18	Angled Castor	*Ariadne ariadne*	波蛺蝶	-	Common	Widely distributed throughout Hong Kong.		1	1												
19	Rustic	*Cupha erymanthis*	黃襟蛺蝶	-	Very Common	Widely distributed throughout Hong Kong.		5	2				1	3					3		
20	Common Mapwing	*Cyrestis thyodamas*	網絲蛺蝶	-	Common	Widely distributed throughout Hong Kong.							1								
21	Gaudy Baron	*Euthalia lubentina*	紅斑翠蛺蝶	-	Uncommon	Widely distributed throughout Hong Kong.		1													
22	White-edged Blue Baron	*Euthalia phemius*	尖翅翠蛺蝶	-	Common	Widely distributed throughout Hong Kong.													1		
23	Great Egg-fly	*Hypolimnas bolina*	幻紫斑蛺蝶	-	Common	Widely distributed throughout Hong Kong.		5	1		2				1						
24	Peacock Pansy	*Junonia almana*	美眼蛺蝶	-	Common	Widely distributed throughout Hong Kong.													2		
25	Lemon Pansy	*Junonia lemonias*	蛇眼蛺蝶	-	Common	Wu Kau Tang, Shan Liu, Shui Long Wo, Tong Fuk, Pak Tam Chung.			1												
26	Common Archduke	*Lexias pardalis*	小豹律蛺蝶	-	Suspected species	Widely distributed throughout Hong Kong.								1							
27	Common Sailer	*Neptis hylas*	中環蛺蝶	-	Very Common	Widely distributed throughout Hong Kong.			1				1	1			1				
28	Five-dot Sergeant	*Parathyma sulpitia*	殘鍔線蛺蝶	-	Common	Widely distributed throughout Hong Kong.							2						1		
29	Dark Evening Brown	*Melanitis phedima*	睇暮眼蝶	-	Uncommon	Widely distributed throughout Hong Kong.			1												
30	Dark-brand Bush Brown	*Mycalesis mineus*	小眉眼蝶	-	Very Common	Widely distributed throughout Hong Kong.						1									
31	South China Bush Brown	*Mycalesis zonata*	平頂眉眼蝶	-	Common	Widely distributed throughout Hong Kong.		5		1	2										
32	Common Five-ring	*Ypthima baldus*	矍眼蝶	-	Very Common	Widely distributed throughout Hong Kong.	3	1	1												
33	Tailed Jay	*Graphium agamemnon*	統帥青鳳蝶	-	Common	Widely distributed throughout Hong Kong.			1										1		
34	Common Bluebottle	*Graphium sarpedon*	青鳳蝶	-	Very Common	Widely distributed throughout Hong Kong.	1		1												
35	White Dragontail	*Lamproptera curius*	燕鳳蝶	LC	Rare	Widely distributed throughout Hong Kong.								27							
36	Chinese Peacock	*Papilio bianor*	碧鳳蝶	-	Common	Widely distributed throughout Hong Kong.													1		
37	Great Mormon	*Papilio memnon*	美鳳蝶	-	Very Common	Widely distributed throughout Hong Kong.	5	2			1	1							1		
38	Paris Peacock	*Papilio paris*	巴黎翠鳳蝶	-	Very Common	Widely distributed throughout Hong Kong.							1						1		
39	Common Mormon	*Papilio polytes*	玉帶鳳蝶	-	Very Common	Widely distributed throughout Hong Kong.		4	2		4	1	2	2					3		
40	Spangle	*Papilio protenor*	藍鳳蝶	-	Very Common	Widely distributed throughout Hong Kong.					1										
41	Five-bar Swordtail	*Pathysa antiphates*	綠鳳蝶	-	Common	Widely distributed throughout Hong Kong.							1								

Appendix C5 Maximum Count of Butterfly Species Recorded Within the Study Area

Item No.	Common Name	Scientific Name	Chinese Name	Consevation/ Protection Status [1]	Rarity in Hong Kong [2]	Distribution in Hong Kong [2]	Habitat[3]													
							Development Site							Surrounding Study Area						
							SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
42	Lemon Emigrant	*Catopsilia pomona*	遷粉蝶	-	Common	Widely distributed throughout Hong Kong.		1	2		2										
43	Three-spot Grass Yellow	*Eurema blanda*	聚黃粉蝶	-	Common	Widely distributed throughout Hong Kong.	1	2	5		3			5		2			15		
44	Common Grass Yellow	*Eurema hecabe*	寬邊黃粉蝶	-	Very Common	Widely distributed throughout Hong Kong.			1	1											
45	Painted Jezebel	*Delias hyparete*	優越斑粉蝶	-	Uncommon	Widely distributed throughout Hong Kong.	1														
46	Red-base Jezebel	*Delias pasithoe*	報喜斑粉蝶	-	Very Common	Widely distributed throughout Hong Kong.													2		
47	Great Orange Tip	*Hebomoia glaucippe*	鶴頂粉蝶	-	Common	Widely distributed throughout Hong Kong.							1								
48	Indian Cabbage White	*Pieris canidia*	東方菜粉蝶	-	Very Common	Widely distributed throughout Hong Kong.	1	6	2	1	1			2	4		20		3		
						TOTAL	**8**	**17**	**19**	**5**	**14**	**3**	**10**	**12**	**2**	**2**	**3**	**0**	**17**	**0**	**0**

Notes:

1. Conservation and Protection Status:
   a. Fellowes – Fellowes et al. (2002): LC = Local Concern.
2. Distribution in Hong Kong refers to AFCD database:
Chan, A., Cheung, J., Sze, P., Wong, A., Wong, E. and Yau, E. 2011. A Review of the Local Restrictedness of Hong Kong Butterflies. Hong Kong Biodiversity 21: 1-12
3. Habitats: SWL = Secondary Woodland, SW = Scattered Woodland, GR = Grassland, SH-GS = Shrubland-Grassland, AG = Agricultural Area, AO = Abandoned Orchard, DA = Developed Area, WC = Watercourse, AP = Artificial Pond
4. References:

AFCD. 2025. Hong Kong Biodiversity Information Hub. Accessed from <https://bih.gov.hk/en/home/index.html> in May 2025.
Chan, A., Cheung, J., Sze, P., Wong, A., Wong, E. and Yau, E. 2011. A Review of the Local Restrictedness of Hong Kong Butterflies. Hong Kong Biodiversity 21: 1-12

Appendix C6 Maximum Count of Odonate Species Recorded Within the Study Area

Item No.	Common Name	Scientific Name	Chinese Name	Consevation/ Protection Status	Rarity in Hong Kong [1]	Distribution in Hong Kong [2]	Habitat[3]													
							Development Site							Surrounding Study Area						
							SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
1	Orange-tailed Midget	*Agriocnemis femina oryzae*	杯斑小蟌	-	Abundant	Widely distributed in disused paddy fields, marshes, ditches and weedy ponds margins							1								
2	Yellow Featherlegs	*Copera marginipes*	黃狹扇蟌	-	Abundant	Widely distributded in lowland streams, ditches, and weedy margins of pond throughout Hong Kong							3								
3	Black Threadtail	*Prodasineura autumnalis*	烏齒原蟌	-	Abundant	Often perches on the plants near streams. Widely distributed in streams throughout Hong Kong							2								
4	Asian Amberwing	*Brachythemis contaminata*	黃翅蜻	-	Abundant	Widely distributed in weedy ponds and sluggish streams				1											
5	Forest Chaser	*Lyriothemis elegantissima*	華麗寬腹蜻	-	Common	Frequents marshes beside woodlands. Widespread throughout Hong Kong							1								
6	Russet Percher	*Neurothemis fulvia*	網脈蜻	-	Common	Found in marshes, cultivated areas, streams, tanks and irrigation feeders, sometimes even found in nearly dried out marshy areas. Widely distributed throughout Hong Kong				1											
7	Red-faced Skimmer	*Orthetrum chrysis*	華麗灰蜻	-	Abundant	Widely distributed in pools and marshy areas adjacent to flowing streams throughout Hong Kong							1								
8	Common Blue Skimmer	*Orthetrum glaucum*	黑尾灰蜻	-	Abundant	Widely distributed in streams, conduits, drainage channels, seepages and road gutters throughout Hong Kong			2				2								
9	Marsh Skimmer	*Orthetrum luzonicum*	呂宋灰蜻	-	Abundant	Widely distributed in abandoned paddies, marshy swampy and boggy locations		1													
10	Common Red Skimmer	*Orthetrum pruinosum neglectum*	赤褐灰蜻	-	Abundant	Widely distributed in slow streams, ponds, rain puddles and irrigation conduits			3				7								
11	Green Skimmer	*Orthetrum sabina sabina*	狹腹灰蜻	-	Abundant	Widely distributed in all wetland habitats throughout Hong Kong			1				1						2		
12	Wandering Glider	*Pantala flavescens*	黃蜻	-	Abundant	Widely distributed all over Hong Kong		20	5		4	10	50								
13	Variegated Flutterer	*Rhyothemis variegata arria*	斑翅蜻	-	Common	Widely distributed in marshes, ponds and tanks throughout Hong Kong							1								
14	Evening Skimmer	*Tholymis tillarga*	雲斑蜻	-	Common	Widely distributed in marshes, weedy ponds and tanks throughout Hong Kong							1								
15	Crimson Dropwing	*Trithemis aurora*	曉褐蜻	-	Abundant	Found in marshes, ponds, streams, andor even ornamental ponds in urban areas. Widely distributed throughout Hong Kong			2				3								
16	Indigo Dropwing	*Trithemis festiva*	慶褐蜻	-	Abundant	Favours sluggish sections of streams with a strong current or the small rock pools inof mountain streams. Widespread in Hong Kong							4								
						TOTAL	**0**	**2**	**5**	**2**	**1**	**1**	**13**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**

Notes:

1. Rarity as per AFCD. 2014.: Available at http://www.afcd.gov.hk/english/conservation/hkbiodiversity/database/search.asp?lang=en.
2. Distribution as per AFCD database. Available at https://bih.gov.hk/en/home/index.html
3. Habitats: SWL = Secondary Woodland, SW = Scattered Woodland, GR = Grassland, SH-GS = Shrubland-Grassland, AG = Agricultural Area, AO = Abandoned Orchard, DA = Developed Area, WC = Watercourse, AP = Artificial Pond
4. References: AFCD. 2022. Hong Kong Biodiversity Information Hub. Accessed from <https://bih.gov.hk/en/home/index.html> in Feb 2022.

Appendix C7 Presence of Freshwater Fauna Recorded Within the Study Area

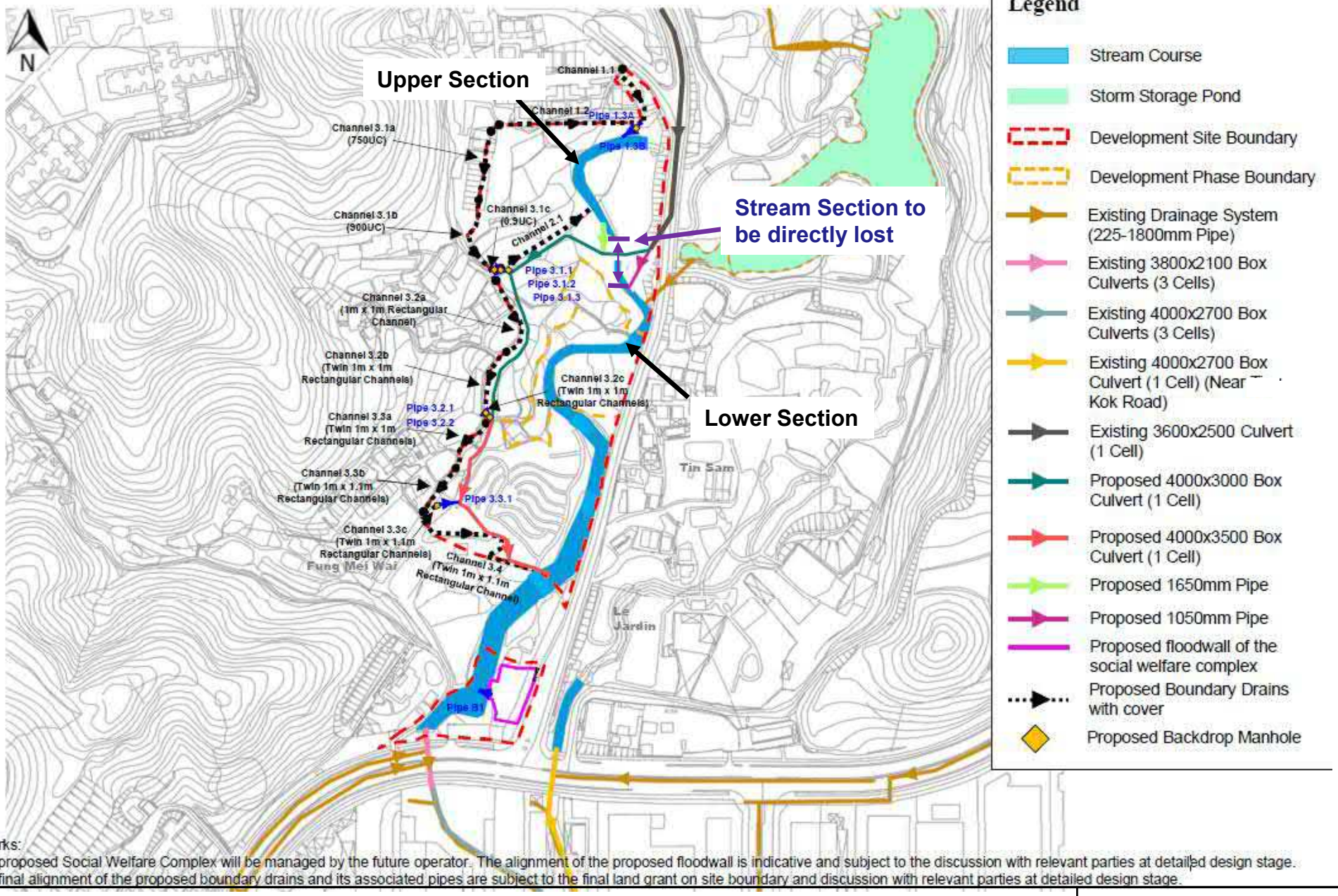
Item No.	Common Name	Scientific Name	Chinese Name	Conservation Status	Habitat[2/3]														
					Development Site							Surrounding Study Area							
					SW	GR	SH-GR	AG	AO	DA	WC	SWL	SW	GR	SH-GR	AG	DA	WC	AP
Freshwater Fish																			
1	Wild Carp	*Hemiculter leucisculus*	藍刀	-							+								
2	Predaceous Chub	*Parazacco spilurus*	異鱲	-							++								
3	Grey Mullet	*Mugil cephalus*	鯔	-							+++								
4	-	*Planiliza sp.*	鮻屬	-							++++								
5	Mosquito Fish	*Gambusia affinis*	食蚊魚	-							+++								
6	Guppy	*Poecilia reticulata*	孔雀花鱂	-							+								
7	Swordtail	*Xiphophorus hellerii*	劍尾魚	-							+++								
8	Jarbua Terapon	*Terapon jarbua*	細鱗鯻	-							++								
9	Mozambique Tilapia	*Oreochromis mossambicus*	莫桑比克口孵非鯽	IUCN(VU)*							++								
10	Nile Tilapia	*Oreochromis niloticus*	尼羅口孵非鯽	-							++								
11	Amur Goby	*Rhinogobius similis*	真吻鰕虎魚	-							+								
12	Spotted Scat	*Scatophagus argus*	金錢魚	-							+								
13	Dwarf Snakehead	*Channa gachua*	緣鱧	-							+								
14	Spotted Snakehead	*Channa maculata*	斑鱧	-							++								
15	-	*Channa sp.*	鱧屬	-							+								
Freshwater Invertebrates																			
1	Yellow Featherlegs (Larva)	*Copera marginipes*	黃狹扁螅（稚蟲）	-							+								
2	Indigo Dropwing (Larva)	*Trithemis festiva*	慶褐蜻（稚蟲）	-							+								
3	Mayfly (Ephemeroptera) Larva	*Baetidae sp.*	四節蜉科幼蟲	-							++++								
4	Water Boatmen	*Corixidae sp.*	划蝽	-							+								
5	Water Strider	*Metrocoris sp.*	潤黽蝽屬	-							+								
6	Water Strider	*Ptilomera tigrina*	虎紋毛足潤黽蝽	-							+								
7	Water Treader	*Mesoveliidae sp.*	水蝽	-							+								
8	Riffle Bug	*Rhagovelia sp.*	裂寬肩椿屬	-							+++								
9	Blood Worm	*Tanypodinae spp.*	長足搖蚊亞科幼蟲	-							++								
10	Black Fly Larva	*Simuliidae sp.*	蚋科幼蟲	-							++								
11	Mosquito Larva	*Culicidae sp.*	孑孓	-							++								
12	Copepod	*Copepoda sp.*	橈足綱	-							++++								
13	Ostracod	*Ostracoda sp.*	介形蟲	-							++++								
14	Freshwater Shrimp	*Caridina cantonensis*	廣東米蝦	-							+								
15	Freshwater Prawn	*Macrobrachium sp.*	沼蝦屬	-							+								
16	Mitten Crab	*Eriocheir sp.*	絨螯蟹	-							+								
17	Apple Snail	*Pomacea canaliculata*	福壽螺	-							+								
18	Freshwater Snail	*Clithon retropictum*	轉色彩螺	-							+++								
19	Freshwater Snail	*Thiaridae sp.*	淡水螺	-							+								
20	Freshwater Snail	*Physella acuta*	囊螺	-							++								
21	Flatworm	*Dugesiidae sp.*	扁蟲	-							+								
				TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**36**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Notes:

1. Indicative symbol "*" was used to indicate that a species is considered as exotic and invasive in Hong Kong and is not considered as a species of conservation importance.
2. Habitats: SWL = Secondary Woodland, SW = Scattered Woodland, GR = Grassland, SH-GS = Shrubland-Grassland, AG = Agricultural Area, AO = Abandoned Orchard, DA = Developed Area, WC = Watercourse, AP = Artificial Pond
3. Relative abundance: +: Scarce (1-5), ++: Uncommon (6-20), +++: Common (20 - 50), ++++: Abundant (>50)
4. References:

AFCD. 2025. Hong Kong Biodiversity Information Hub. Accessed from <https://bih.gov.hk/en/home/index.html> in May 2025.

APPENDIX D1 PROPOSED DRAINAGE SYSTEM



Remarks:
* The proposed Social Welfare Complex will be managed by the future operator. The alignment of the proposed floodwall is indicative and subject to the discussion with relevant parties at detailed design stage.
* The final alignment of the proposed boundary drains and its associated pipes are subject to the final land grant on site boundary and discussion with relevant parties at detailed design stage.

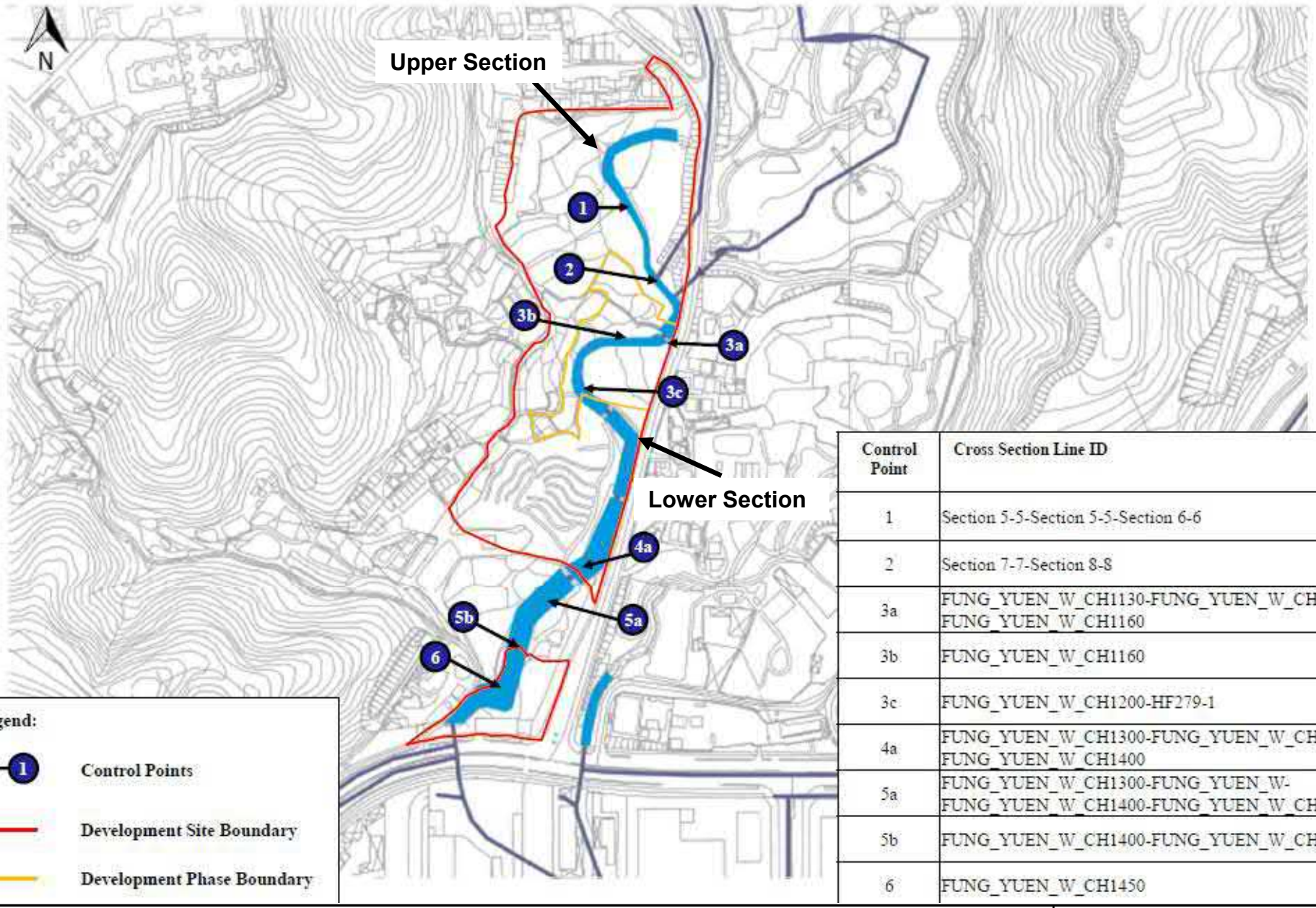
Appendix D1

Proposed Drainage System (Extracted from Appendix B2 of Drainage Impact Assessment of this Study)

DATE: 15 Sep 2025

Environmental Resources Management ERM

APPENDIX D2 PROPOSED DRAINAGE SYSTEM



Control Point	Cross Section Line ID
1	Section 5-5-Section 5-5-Section 6-6
2	Section 7-7-Section 8-8
3a	FUNG_YUEN_W_CH1130-FUNG_YUEN_W_CH1160-FUNG_YUEN_W_CH1160
3b	FUNG_YUEN_W_CH1160
3c	FUNG_YUEN_W_CH1200-HF279-1
4a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1300-FUNG_YUEN_W_CH1400
5a	FUNG_YUEN_W_CH1300-FUNG_YUEN_W-FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH
5b	FUNG_YUEN_W_CH1400-FUNG_YUEN_W_CH1450
6	FUNG_YUEN_W_CH1450

Appendix D2

Location Plan for Model Results Control Points (Extracted from Appendix E of Drainage Impact Assessment of this Study)

DATE: 15 Sep 2025

Environmental Resources Management ERM

ERM has over 160 offices across the following countries and territories worldwide

Argentina
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France
Germany
Hong Kong
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India
Indonesia
Ireland
Italy
Japan
Kazakhstan
Kenya
Malaysia
Mexico
Myanmar
The Netherlands
New Zealand
Norway
Panama
Peru
Poland
Portugal
Puerto Rico
Romania
Russia
Singapore
South Africa
South Korea
Spain
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Appendix 5

Land Contamination Assessment

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Land Contamination Assessment

Prepared for:
Fantastic State Limited

Prepared by:
Westwood Hong & Associates Limited

Report No.:
22608-C1

Date:
26 September 2025

Ir K. K. Iu	FHKIOA, MIOA, MCIBSE, MHKIE, MASA, APEC Engineer FMOIA, MIEAust, MHKIQEP, C Eng, RPE, CPEng
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Figure 1: Site Location

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Appendix 1: Photographs taken on Site

Appendix 2: Reference Aerial Photographs

Appendix 3: Site Walkover Checklist

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1. INTRODUCTION

1.1 Westwood Hong & Associates Ltd (WHA) was commissioned to conduct a Land Contamination Assessment on the proposed development(s) with retail, public vehicle park and social welfare facilities (the "proposed Development") at various lots in DD11 and adjoining government land, Fung Yuen, Tai Po. Figure 1 shows the location of the proposed Development. This report is prepared to support the S.12A application.

1.2 This S.12A application is to seek the Town Planning Board's approval for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") for the proposed Development at various lots in D.D. 11 and adjoining Government Land in Fung Yuen, Tai Po, New Territories ("the Development Site"). The Development Site consists of two areas: Area (A) and Area (B).

1.3 The proposed Development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B).

1.4 The Applicant submitted an s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and a relaxation of the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

1.5 Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely formed by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

2. GUIDELINES AND EVALUATION CRITERIA

2.1 This assessment was prepared in accordance with the following guidelines:-

- The Guidance Manual for Use of Risk-Based Remediation Goals (RBRGs) for Contaminated Land Management, EPD, Revised in April 2023 ("Guidance Manual");
- The Guidance Note for Contaminated Land Assessment and Remediation, EPD, Revised in April 2023 ("Guidance Note"); and
- Practice Guide for Investigation and Remediation of Contaminated Land, EPD, Revised in April 2023 ("Practice Guide").

3. BUILDING LAYOUT

Development Layout

3.1 The proposed Development comprises retail and public vehicle park and 7 residential blocks with 24 – 30 storeys in height on Area (A) and a social welfare complex with 8 storeys in height on Area (B).

3.2 The Tin Sam Sewage Pumping Station will be retained in the Development Site.

4. SITE HISTORY

Past and Present Site Condition / Activities

4.1 The Development Site has an area of approximately 35,201m^2 and consists of two areas: Area (A) and Area (B). According to the aerial photos, Area (A) had been used for agricultural purpose at least since 1963 with a few ancillary agricultural structures erected in different period. It is only identified during the period from 1989 to 2002 that a tiny portion located at the eastern tip of Area (A) had been temporarily used for storage of kitchenware (Plates 10 – 12 of Appendix 1). Subsequently, the said storage use was removed and Area (A) was left vacant until it was formed and landscaped in accordance with the government lease for agricultural purposes since 2007.

4.2 For Area (B), according to the aerial photos, it had been used for agricultural purpose at least since 1963. Southern part of Area (B) had been occupied by the Tin Sam Sewage Pumping Station at least from 1992 till present, and the remaining area is largely vacant, covered by vegetation.

5. SITE APPRAISAL FINDINGS

5.1 The site appraisal comprises site walkover, review of historical aerial photographs, review of past and present site use and review of historical spillage and leakage records.

Site Walkover Findings

5.2 Site walkovers of the Development Site were conducted on 7 April 2025, 23 June 2022, 8 October 2021, 22 May 2020 and 21 December 2018. Site observations were summarised in Table 5.1. The photos taken on site are provided in Appendix 1, and the site walkover checklist is provided in Appendix 3.

Table 5.1 Site Observations

Area	Type of Existing Business	Description of Site Walkover Findings	Off-site Property Affected
Area (A)	Landscape and Vegetation	Area (A) is mainly vegetated (Plates 1 – 6) and vacant. No underground facilities and transformer were observed. The location of the previous kitchenware storage area is vegetated currently, no signs of chemical spills / oil stains were observed. At the time of the site appraisal, Area (A) was mainly vegetated with some shrubs and trees. Site surveys (in 2018 – 2025) revealed that the condition of Area (A) remain unchanged and was in a clean condition. No signs of chemical spills / oil stains were observed within Area (A). Area (A) located to the north is the residential development Mont Vert, to the east is Fung Yuen Road, to the south is a landscape area, and immediate to the west are some village houses. These buildings / areas would not have off-site contamination affecting Area (A).	No
Area (B)	Sewage Pumping Station and Vegetation	At the time of the site appraisal, southern part of Area (B) remained occupied by the Tin Sam Sewage Pumping Station, which was paved and in a clean condition. The remaining area of Area (B) was vacant and covered with vegetation (Plates 8 – 9). No signs of chemical spills / oil stains were observed within Area (B). Area (B) located to the north is a landscape area, to the east is Fung Yuen Road, to the south is Ting Kok Road and immediate to the west is a village house. These buildings / areas would not have off-site contamination affecting Area (B).	No

Review of Past Land Uses

5.3 A review of past land uses of the Development Site was conducted by reviewing the aerial photographs. The aerial photographs were obtained from the Surveys and Mapping Office of the Lands Department. The referenced aerial photographs are attached in Appendix 2 and summarized in Table 5.2.

Table 5.2 Land Use History for the Development Site

Date	Ref. no	Height (ft)	Land Use	
			Area (A)	Area (B)
1963	1963-8660	3900	The site was a farmland, with agricultural use.	The site was a farmland, with agricultural use.
1986	A06202	4000	The site was still used as farmland with agricultural use. Fung Yuen Road and nearby village houses were established.	The site was still used as farmland with agricultural use.
1989	A18095	4000	A tiny portion located at the eastern tip of the site was used as a temporary storage of kitchenware. Other locations of the site had no significant changes, which was agricultural use.	The site was still used as farmland with agricultural use.
1992	A30247	4000	A tiny portion located at the eastern tip of the site was used as a temporary storage of kitchenware. Other locations of the site had no significant changes, which was agricultural use.	The Tin Sam Sewage Pumping Station was established at the southern part of the site. Other locations of the site had no significant changes, which was agricultural use.
1996	CN15056	3500	A tiny portion located at the eastern tip of the site was used as a temporary storage of kitchenware. A tiny portion of northeastern corner was appeared to be a temporary structure with storage of construction material. Other locations of the site had no significant changes, which was agricultural use.	Southern part of the site remained occupied by the Tin Sam Sewage Pumping Station. Other locations of the site became vegetated.
2002	CW40616	3000	A tiny portion located at the eastern tip of the site was used as a temporary storage of kitchenware. Other locations of the site had no significant changes, which was agricultural use.	The project site has no significant change.
2003	CW52202	4000	The site was vegetated and landscaped. The central part of the site was agricultural use.	The project site has no significant change.
2007	CW77518	3000	The project site has no significant change.	The project site has no significant change.
2018	E033517C	6900	The site was vegetated and landscaped. A tiny portion of northeastern corner was the village houses.	The project site has no significant change.

2021	E126460C	6900	The project site has no significant change.	The project site has no significant change.
2024	E228303C	6900	The project site has no significant change.	The project site has no significant change.

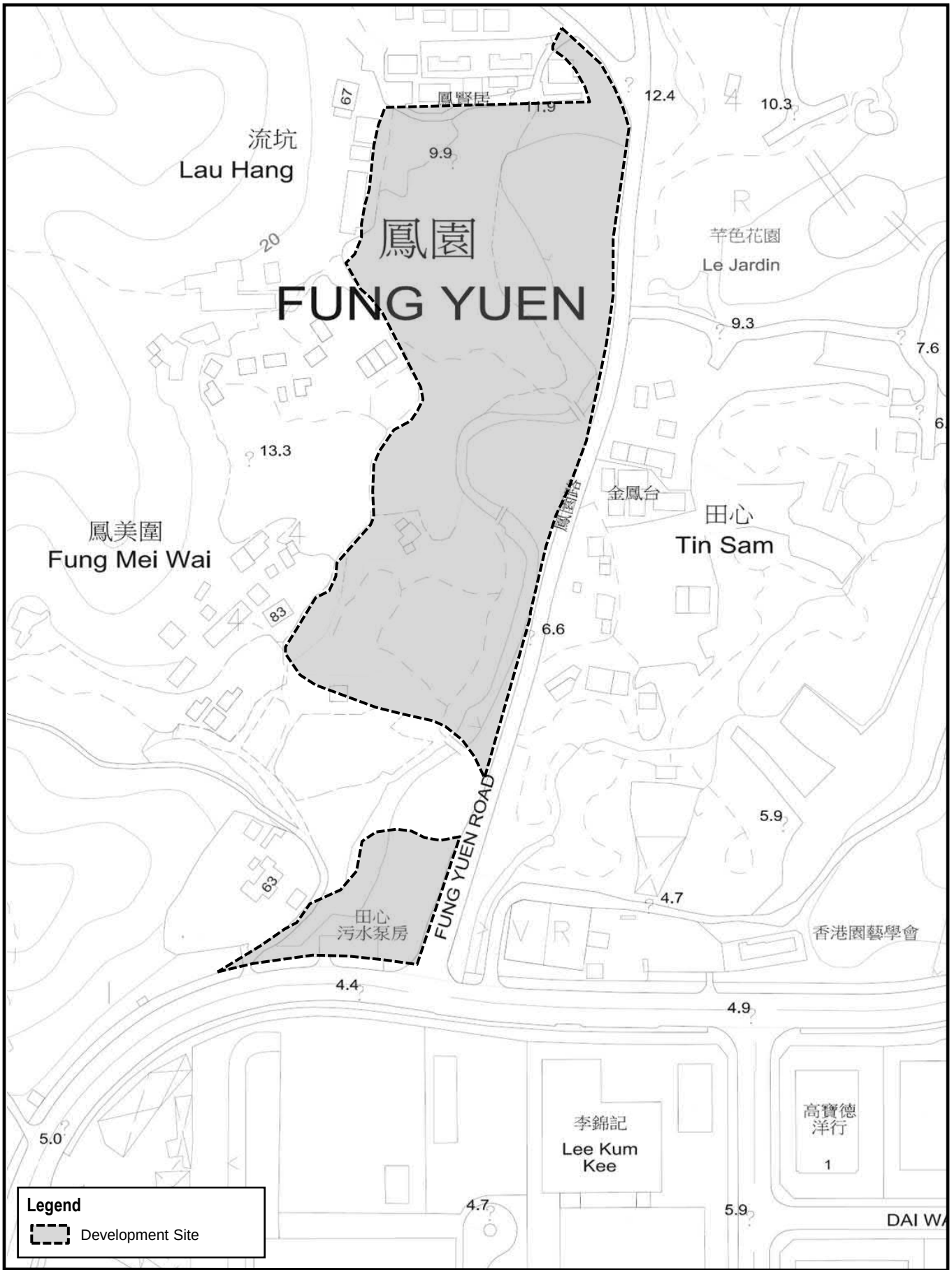
Review of Historical Spillage and Leakage Record

5.4 Enquiries were made to the EPD on chemical waste producer record and historical chemical spillage incident records at the project site (Appendix 4).

5.5 The EPD Regional Office (North) has confirmed that there were no record of chemical spillage incident on the Development Site (Appendix 4). Inspection was made at Territorial Control Office, there was no record of chemical waste producer at the Development Site.

6. LAND CONTAMINATION ASSESSMENT

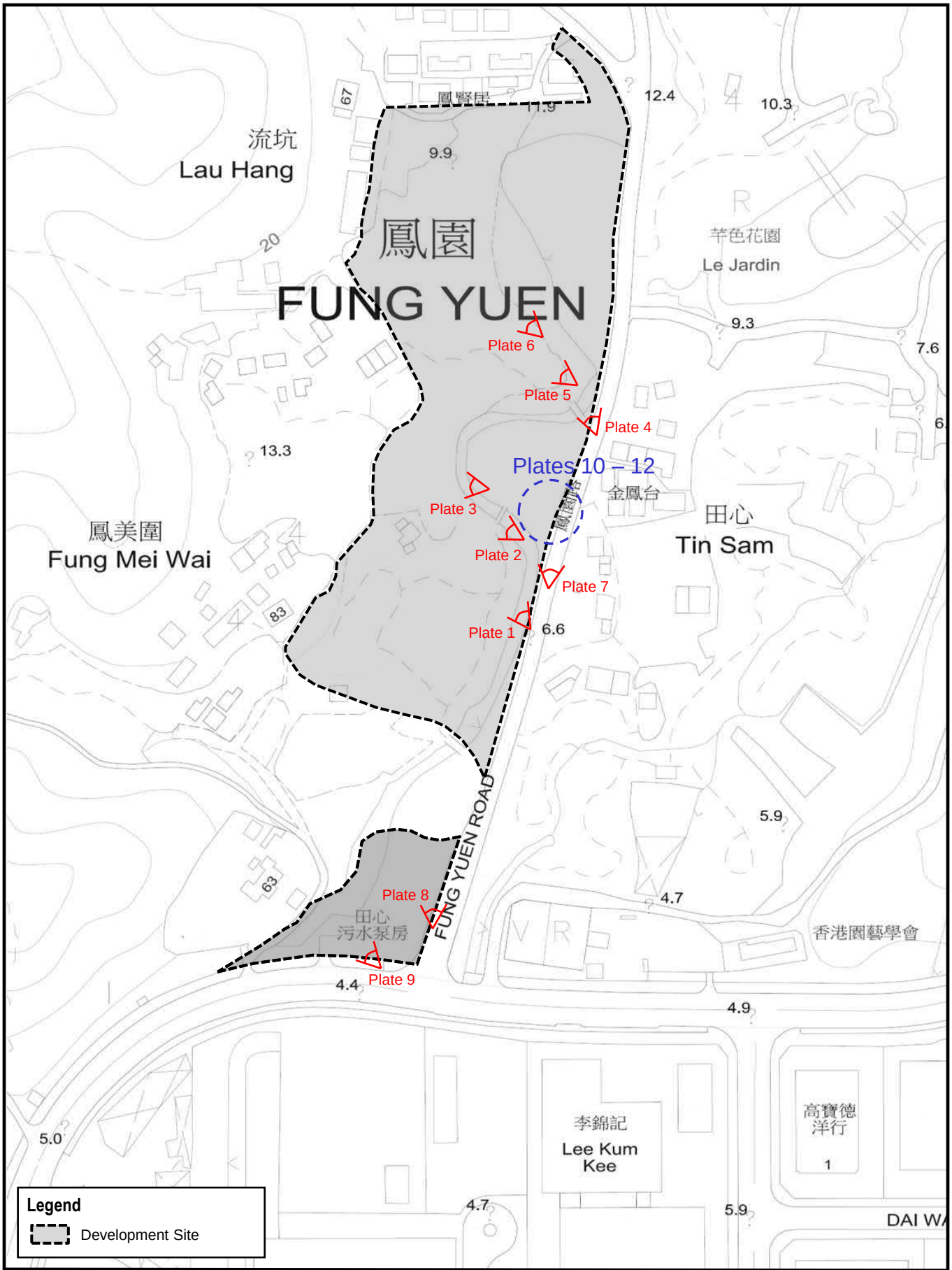
6.1 Potential land contamination impacts associated with the project have been reviewed. Based on the observation from the site inspection and the review of historical aerial photographs, the Development Site was mainly landscaped and vegetated. A tiny portion of Area (A) was temporarily used as storage of kitchenware, but no potential contamination is anticipated. Southern part of Area (B) remained occupied by the Tin Sam Sewage Pumping Station, which was paved and in a clean condition, also no potential contamination is anticipated. Therefore, potential contamination is not anticipated and associated impact is not expected in the Development Site.



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Site Location**	**1**

APPENDIX 1

PHOTOGRAPHS TAKEN ON SITE



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**View of Photos**	**A1**

Plate 1 – Photo taken on 7th April 2025:-

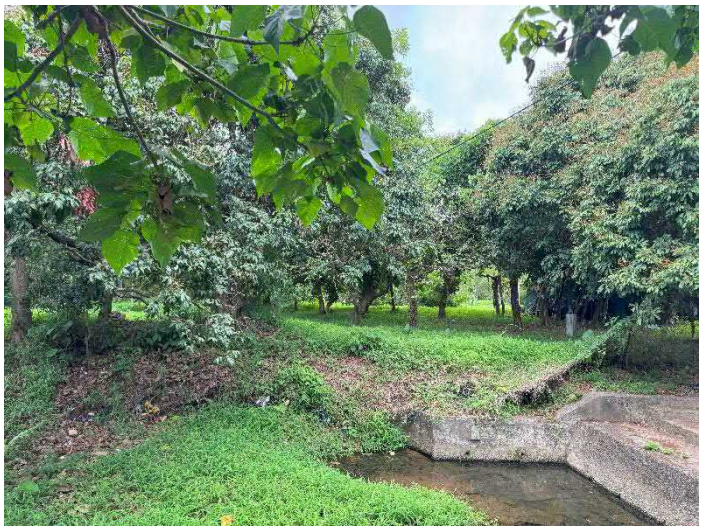


Plate 2 – Photo taken on 7th April 2025 :-



Observation:
Area (A) was mainly vegetated and landscaped, which were in clean condition. No sign of contamination.

Plate 3 – Photo taken on 7th April 2025 :-



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photographs taken on Site (Plates 1 – 3)**	**A1-1**

Plate 4 – Photo taken on 7th April 2025 :-



Plate 5 – Photo taken on 7th April 2025 :-



Observation:
Area (A) was mainly vegetated and landscaped, which were in clean condition. No sign of contamination.

Plate 6 – Photo taken on 7th April 2025 :-



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photographs taken on Site (Plates 4 – 6)**	**A1-2**

Plate 7 – Photo taken on 7th April 2025 :-



Observation:
Area (A) was mainly vegetated and landscaped, which were in clean condition. No sign of contamination.

Plate 8 – Photo taken on 7th April 2025 :-



Observation:
Area (B) was mainly vacant and covered by vegetation, which were in clean condition. No sign of contamination.

Plate 9 – Photo taken on 7th April 2025 :-



Observation:
Southern part of Area (B) was occupied by the Tin Sam Sewage Pumping Station, which was paved and in a clean condition. No sign of contamination.

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT:	**Photographs taken on Site (Plates 7 – 9)**	**A1-3**

Plate 10 – Photo provided by Applicant (photo taken on 30th Sep 2000)



Plate 11 – Photo provided by Applicant (photo taken on 5th May 2000)



Eastern tip of Area (A) had been temporarily used for storage of kitchenware, no potential contamination activity and equipment were identified.

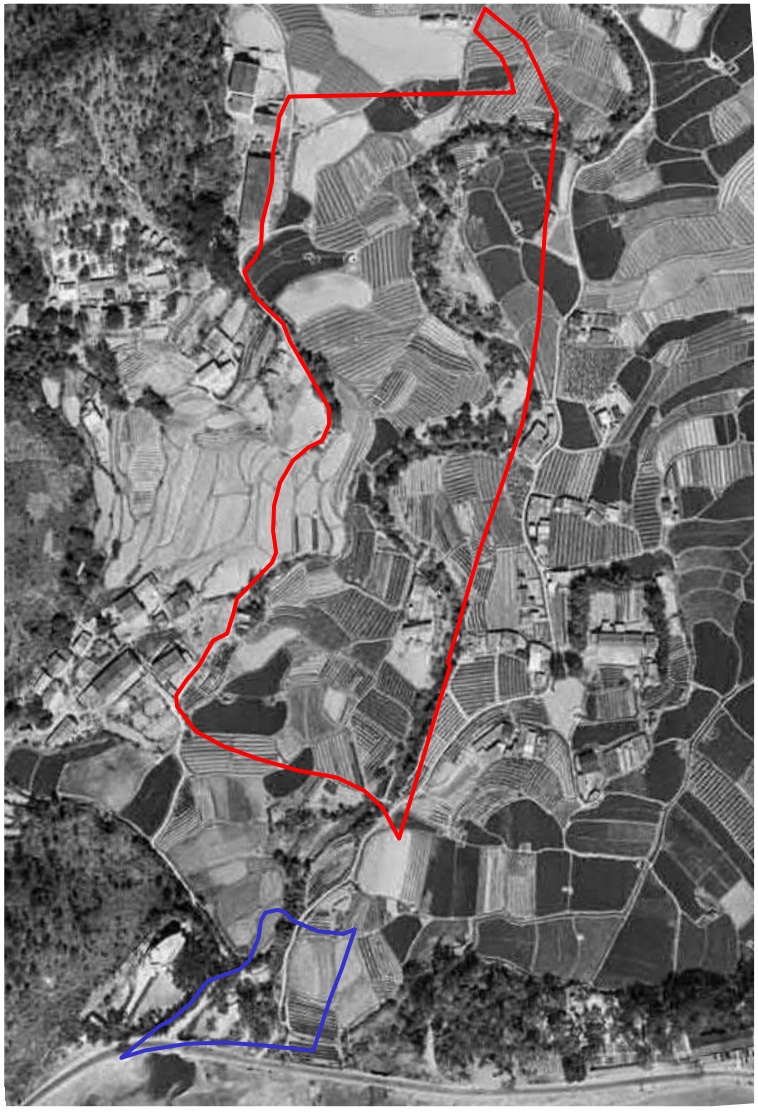
Plate 12 – Photo provided by Applicant (photo taken on 31st Oct 2000)



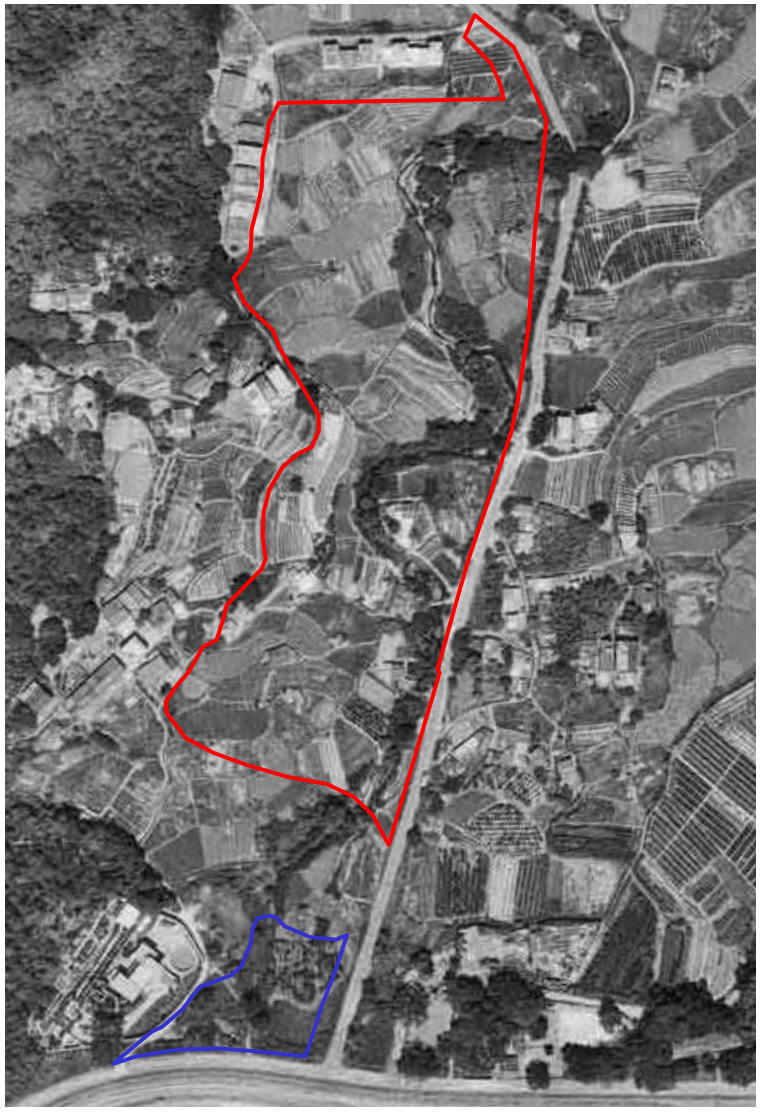
Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Photographs taken on Site (Plates 10 – 12)**	**A1-4**

APPENDIX 2

REFERENCED AERIAL PHOTOGRAPHS



Year 1963 (ref: 1963-8660, height: 3900ft)
Area (A) – The site was a farmland, with agricultural use.
Area (B) – The site was a farmland, with agricultural use.



Year 1986 (ref: A06202, height: 4000ft)
Area (A) – The site was still used as farmland with agricultural use. Fung Yuen Road and nearby village houses were established.
Area (B) – The site was still used as farmland with agricultural use.

N

Legend

- Area (A)
- Area (B)

Westwood Hong & Associates Ltd

PROJECT: 22608

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po

TITLE:

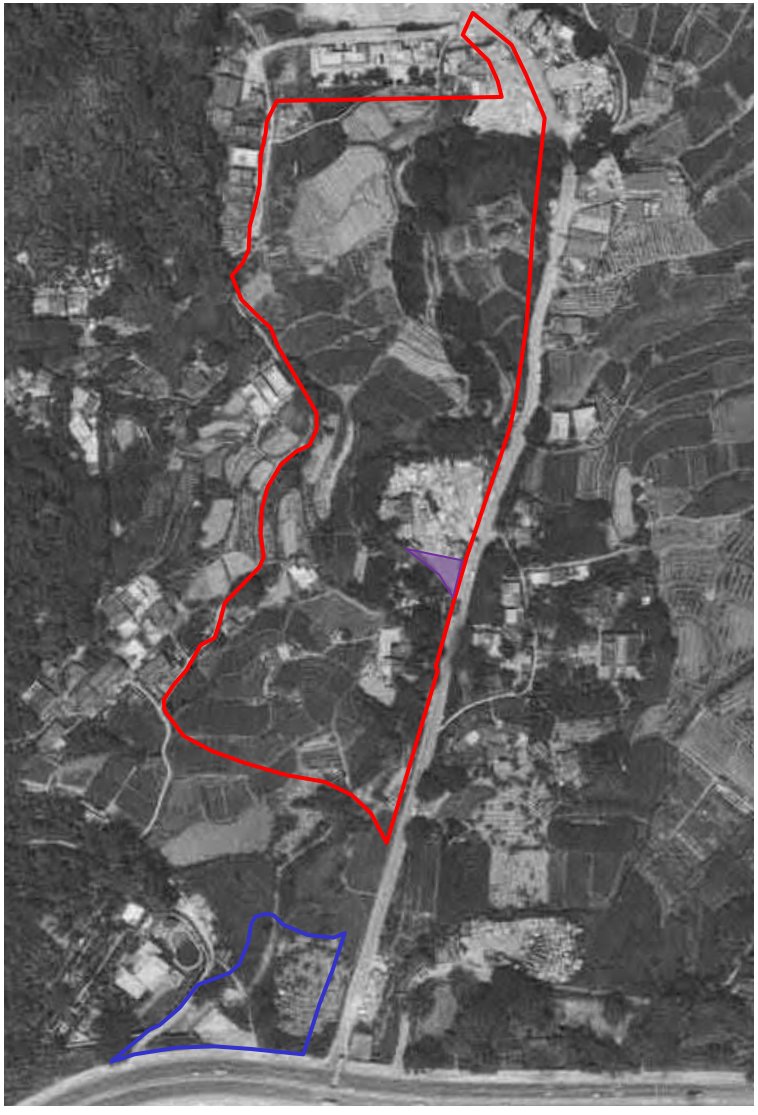
Referenced Aerial Photographs

FIGURE

A2-1



Year 1989 (ref: A18095, height: 4000ft)
Area (A) – A tiny portion located at the eastern tip of the site was used as a temporary storage of kitchenware. Other locations of the site had no significant changes, which was agricultural use.
Area (B) – The site was still used as farmland with agricultural use.



Year 1992 (ref: A30247, height: 4000ft)
Area (A) – A tiny portion located at the eastern tip of the site was used as a temporary storage of kitchenware. Other locations of the site had no significant changes, which was agricultural use.
Area (B) – The Tin Sam Sewage Pumping Station was established at the southern part of the site. Other locations of the site had no significant changes, which was agricultural use.

N

Legend

- Area (A)
- Area (B)
- Kitchenware Storage

Westwood Hong & Associates Ltd

PROJECT: 22608

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po

TITLE:

Referenced Aerial Photographs

FIGURE

A2-2



Year 1996 (ref: CN15056, height: 3500ft)
Area (A) – A tiny portion located at the eastern tip of the site was used as a temporary storage of kitchenware. A tiny portion of northeastern corner appears to be a temporary structure with storage of construction material. Other locations of the site had no significant changes, which was agricultural use.
Area (B) – Southern part of the site remained occupied by the Tin Sam Sewage Pumping Station.
Other locations of the site became vegetated.



Year 2002 (ref: CW40616, height: 3000ft)
Area (A) – A tiny portion located at the eastern tip of the site was used as a temporary storage of kitchenware. Other locations of the site had no significant changes, which was agricultural use.
Area (B) – Southern part of the site remained occupied by the Tin Sam Sewage Pumping Station.
Other locations of the site remained vegetated.

N

Legend

- Area (A)
- Area (B)
- Kitchenware Storage

Westwood Hong & Associates Ltd

PROJECT: 22608

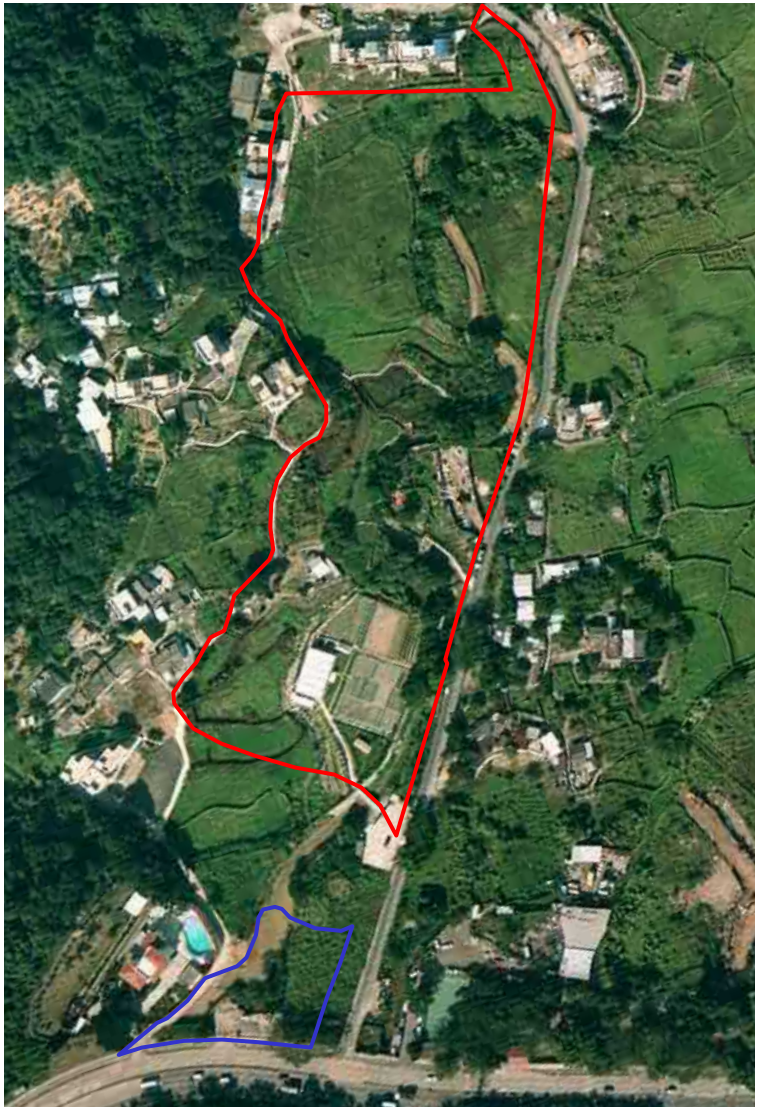
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po

TITLE:

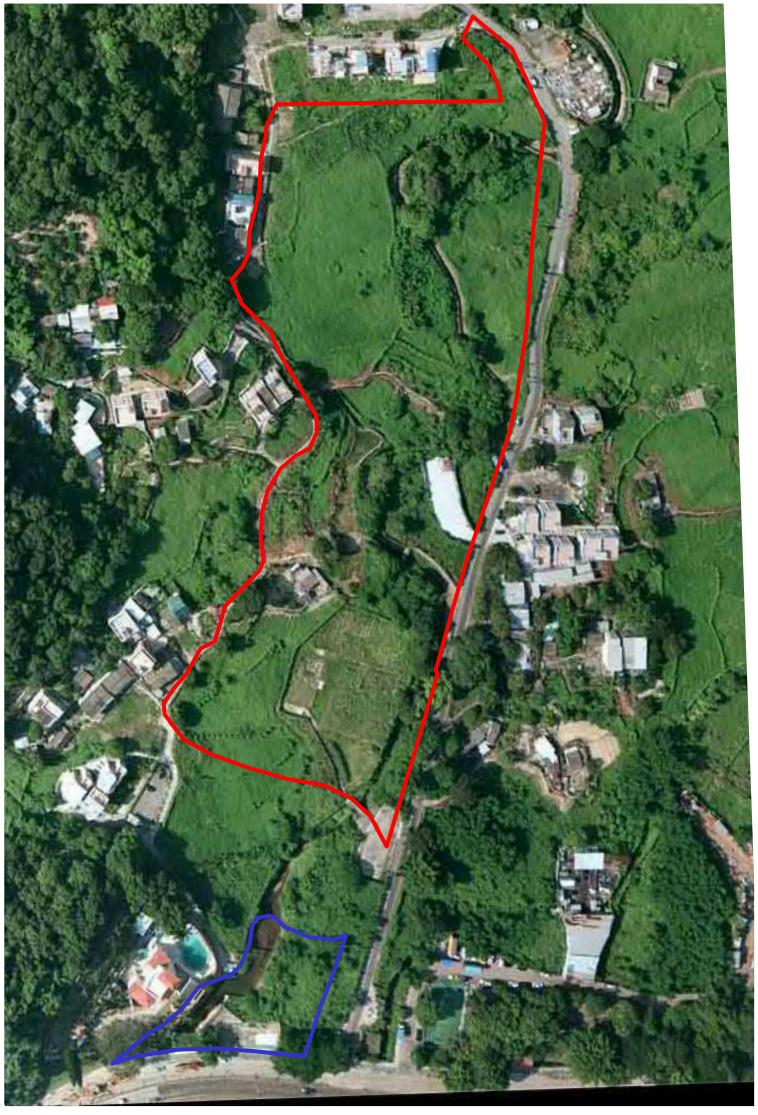
Referenced Aerial Photographs

FIGURE

A2-3



Year 2003 (ref: CW52202, height: 4000ft)
Area (A) – The site was vegetated and landscaped. The central part of the site was agricultural use.
Area (B) – Southern part of the site remained occupied by the Tin Sam Sewage Pumping Station.
Other locations of the site remained vegetated.



Year 2007 (ref: CW77518, height: 3000ft)
Area (A) – The site was vegetated and landscaped. The central part of the site was agricultural use.
Area (B) – Southern part of the site remained occupied by the Tin Sam Sewage Pumping Station.
Other locations of the site remained vegetated.

N

Legend

- Area (A)
- Area (B)

Westwood Hong & Associates Ltd

PROJECT: 22608

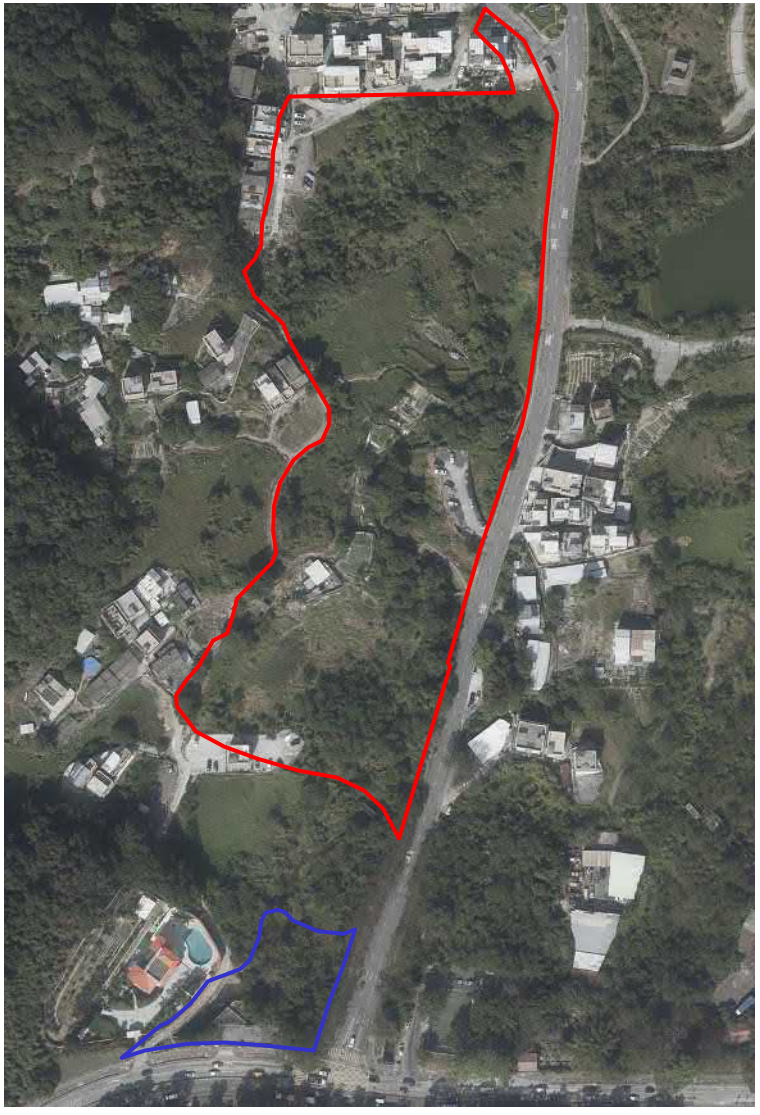
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po

TITLE:

Referenced Aerial Photographs

FIGURE

A2-4



Year 2018 (ref: E033517C, height: 6900ft)
Area (A) – The site was vegetated and landscaped. A tiny portion of northeastern corner was the village houses.
Area (B) – Southern part of the site remained occupied by the Tin Sam Sewage Pumping Station.
Other locations of the site remained vegetated.



Year 2021 (ref: E126460C, height: 6900ft)
Area (A) – The site was vegetated and landscaped. A tiny portion of northeastern corner was the village houses.

Area (B) – Southern part of the site remained occupied by the Tin Sam Sewage Pumping Station.
Other locations of the site remained vegetated.

N

Legend

Area (A)

Area (B)

Westwood Hong & Associates Ltd

PROJECT: 22608

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po

TITLE:

Referenced Aerial Photographs

FIGURE

A2-5



N

Year 2024 (ref: E228303C, height: 6900ft)
Area (A) – The site was vegetated and landscaped. A tiny portion of northeastern corner was the village houses.
Area (B) – Southern part of the site remained occupied by the Tin Sam Sewage Pumping Station.
Other locations of the site remained vegetated.

Legend

- Area (A)
- Area (B)

Westwood Hong & Associates Ltd

PROJECT: 22608

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po

TITLE:

Referenced Aerial Photographs

FIGURE

A2-6

APPENDIX 3

SITE WALKOVER CHECKLIST

Site Walkover Checklist

General site Details

Site Owner / Client:	*Fantastic State Limited*
Property Address:	*Various lots in D.D. 11 and adjoining government land, Fung Yuen, Tai Po*

Person Conducting the Questionnaire:

Name:	*Ms Kit Wong*
Position:	*Associate*

Authorized Owner / Client Representative (If Applicable):

Name:	Ms Yu
Position:	Project Manager
Telephone:	*2128 8888*

Site Activities

Briefly describe activities carried out on-site, including types of products/chemicals/materials handled. Obtain a flow schematic if possible:

Number of employees:

Full-time:	No
Part-time:	No
Temporary/Seasonal:	No

Maximum no. of people on site at any time:	No
Typical hours of operation:	No
Number of shifts:	No
Days per week:	No
Weeks per year:	No
Scheduled plant shut-down:	No

Detail the main sources of energy at the site:

Gas	~~Yes~~ / No
Electricity	~~Yes~~ / No
Coal	~~Yes~~ / No
Oil	~~Yes~~ / No
Other	~~Yes~~ / No

Site Description

This section is intended to gather information on site setting and environmental receptors on, adjacent or close to the site.

What is the total site area:	Approximately 31,854m^2
What area of the site is covered by buildings (%):	0%
Please list all current and previous owners/ occupiers if possible.	Current occupier / owner *Fantastic State Limited*
Is a site plan available? If yes, please attach	As attached
Area there any other parties on site as tenants or sub-tenants?	No
If yes, identify those parties:	No

Describe surrounding land use (residential, industrial, rural, etc.) and identify neighbouring facilities and types of industry.

North:	*Immediate to the north is the residential development Mont Vert*
East:	*Immediate to the east is Fung Yuen Road*
South:	*Immediate to the south is Ting Kok Road*
West:	*Immediate to the west are a village house*

Describe the topography of the area (flat terrain, rolling hills, mountains, by a large body of water, vegetation, etc.).	*The Site is situated on a flat terrain. Mainly vacant and vegetated with some shrubs and trees.*
State the size and location of the nearest residential communities.	*The nearest residential communities is Mont Vert, which is adjoining the site to the north.*
Are there any sensitive habitats nearby, such as nature reserves, parks, wetlands or sites of special scientific interest?	*No*

Questionnaire with Existing/ Previous Site Owner or Occupier

		Yes/ No	Notes
1.	What are the main activities/ operations at the above address?		Mainly vacant and vegetated with some shrubs and trees.
2.	How long have you been occupying the site?		Over 20 years
3.	Were you the first occupant on-site? (if yes, what was the usage of the site prior to occupancy.)	No	For agricultural use previously.
4.	Prior to your occupancy, who occupied the site?	No	
5.	What were the main activities/ operations during their occupancy?		For agricultural use previously.
6.	Have there been any major changes in operations carried out at the site in the last 10 years?	No	Mainly vacant and vegetated with some shrubs and trees.
7.	Have any polluting activities been carried out in the vicinity of the site in the past?	No	
8.	To the best of your knowledge, has the site ever been used as a petrol filling station/ car service garage?	No	
9.	Are there any boreholes/ wells or natural springs either on the site or in the surrounding area?	No	
10.	Do you have any registered hazardous installations as defined under relevant ordinances? (if yes, please provide details.)	No	
11.	Are any chemicals used in your daily operations? (if yes, please provide details). - Where do you store these chemicals?	No	
12.	Material inventory lists, including quantities and locations available? (if yes, how often are these inventories updated?)	No	
13.	Has the facility produced a separate hazardous substance inventory?	No	
14.	Have there ever been any incidents or accidents (e.g. spills, fires, injuries, etc.) involving any of these materials? (if yes, please provide details).	No	
15.	How are materials received (e.g. rail, truck, etc.) and stored on site (e.g. drums, tanks, carboys, bags, silos, cisterns, vaults and cylinders)?	No	

16.	Do you have any underground storage tanks? (If yes, please provide details.) - How many underground storage tanks do you have on-site? - What are the tanks constructed of? - What are the contents of these tanks? - Are the pipelines above or below ground? - If the pipelines are below ground, has any leak and integrity testing been performed? - Have there been any spills associates with these tanks?	No	
17.	Are there any disused underground storage tanks?	No	
18.	Do you have regular check for any spillage and monitoring of chemicals handled? (if yes, please provide details.)	No	
19.	How are the wastes disposed of?	No	
20.	Have you ever received any notices of violation of environmental regulations or received public complaints? (If yes, please provide details.)	No	
21.	Have any spills occurred on-site? (If yes, please provide details.) - When did the spill occur? - What were the substances spilled? - What was the quantity of material spilled? - Did you notify the relevant departments of the spill? - What were the actions taken to clean up the spill? - What were the areas affected?	No	
22.	Do you have any records of major renovation of your site or re-arrangement of underground utilities, pipe work/ underground tanks (If yes, please provide details).	No	
23.	Have disused underground tanks been removed or otherwise secured (e.g. concrete, sand, etc.)?	No	
24.	Are there any known contaminations on-site? (if yes, please provide details.)	No	
25.	Has the site ever been remediated? (if yes, please provide details.)	No	

Observation

		Yes/ No	Notes
1.	Are chemical storage areas provided with secondary containment (i.e. bund walls and floors)?	No	
2.	What are the conditions of the bund wall and floors?	No	
3.	Are any surface water drains located near to drum storage and unloading areas?	No	
4.	Are any solid or liquid waste (other than wastewater) generated at the site? (If yes, please provide details).	No	
5.	Is there a storage site for the wastes?	No	
6.	Is there an on-site landfill?	No	
7.	Were any stressed vegetation noted on site during the site reconnaissance? (If yes, please indicate location and approximate size.)	No	
8.	Were any stained surfaces noted on-site during the site reconnaissance? (if yes, please provide details.)	No	
9.	Are there any potential off-site sources of contamination?	No	
10.	Does the site have any equipment which might contain polychlorinated biphenyls (PCBs)?	No	
11.	Are there any sumps, effluent pits, interceptors or lagoons on site?	No	
12.	Any noticeable odours during site walkover?	No	
13.	Are any of the following chemicals used on site: fuels, lubricating oils, hydraulic fluids, cleaning solvents, used chemical solutions, acids, anti-corrosive paints, thinners, coal, ash, oily tanks and bilge sludge, metal wastes, wood preservatives and polyurethane foam?	No	

APPENDIX 4

CORRESPONDENCE OF THE EPD

本署檔案
OUR REF:( ) in EP550/W2/4
來函檔案
YOUR REF: 22608/230084/WH/KW/mgt
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Environmental Protection Department
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環境保護署
環保法規管理科
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沙田政府合署 10 樓

30 May 2025

Westwood Hong & Associates Limited
2404 Tung Wai Commercial Building,
109-111 Gloucester Road, Wan Chai, Hong Kong
(Attn.: Ms Kit WONG)

By Email & Fax

Dear Ms. WONG,

Re: Request for Information about Chemical Waste Producer and Chemical Spillage Incident at Various Lots in D.D. 11 on Fung Yuen Road, N.T.

I refer to your letter dated 19 May 2025 on the captioned subject.

According to the records in this office, there are no record of chemical spillage accident and submission relating to land contamination assessment at the subject site in the past 3 years.

As regards registered Chemical Waste Producer(s) at the location concerned, a registry of chemical waste producers is available in the Territorial Control Office of this department. Please contact our Chief Environmental Protection Inspector (Territorial Control)5, Mr. MAN Ho Tim at 2835 1017 for making an appointment to view the records.

While we have made a reasonable effort to ensure the completeness and accuracy of the information provided, you should comprehend that the information is provided as is and EPD is not responsible or liable for any claim, loss or damage resulting from the use of this information.

Yours sincerely,

(Maverick AU)
Regional Office (North)
for Director of Environmental Protection

c.c. TCO/EPD (Attn.: Mr. MAN Ho-tim) Fax: 2305 0453

WESTWOOD HONG & ASSOCIATES LTD

Consultants in EIA • Acoustics • Noise • Vibration

2404 Tung Wai Commercial Building
109-111 Gloucester Road, Hong Kong
Tel : 2838 2738
Fax : 2591 6189
E-mail: wha@wha.com.hk

19 May 2025

22608/230084/WH/KW/mgt

Environmental Protection Department Regional Office (North)
10th Floor, Shatin Government Offices
No. 1 Sheung Wo Che Road
Sha Tin
New Territories

Dear Sirs,

Request for Information about Chemical Waste Producer and Chemical Spillage Incident at Various Lots in D.D. 11 on Fung Yuen Road in Tai Po

Westwood Hong & Associates Ltd is the consulting firm conducting an environmental study for the captioned development at Fung Yuen Road, Tai Po.

We would like to obtain information for the subject site from corresponding regional office. Please kindly advise if any of the following information is available:-

1. Records of Chemical Waste Producer;
2. Chemical spillage incident(s); and
3. Chemical leakage incident(s)

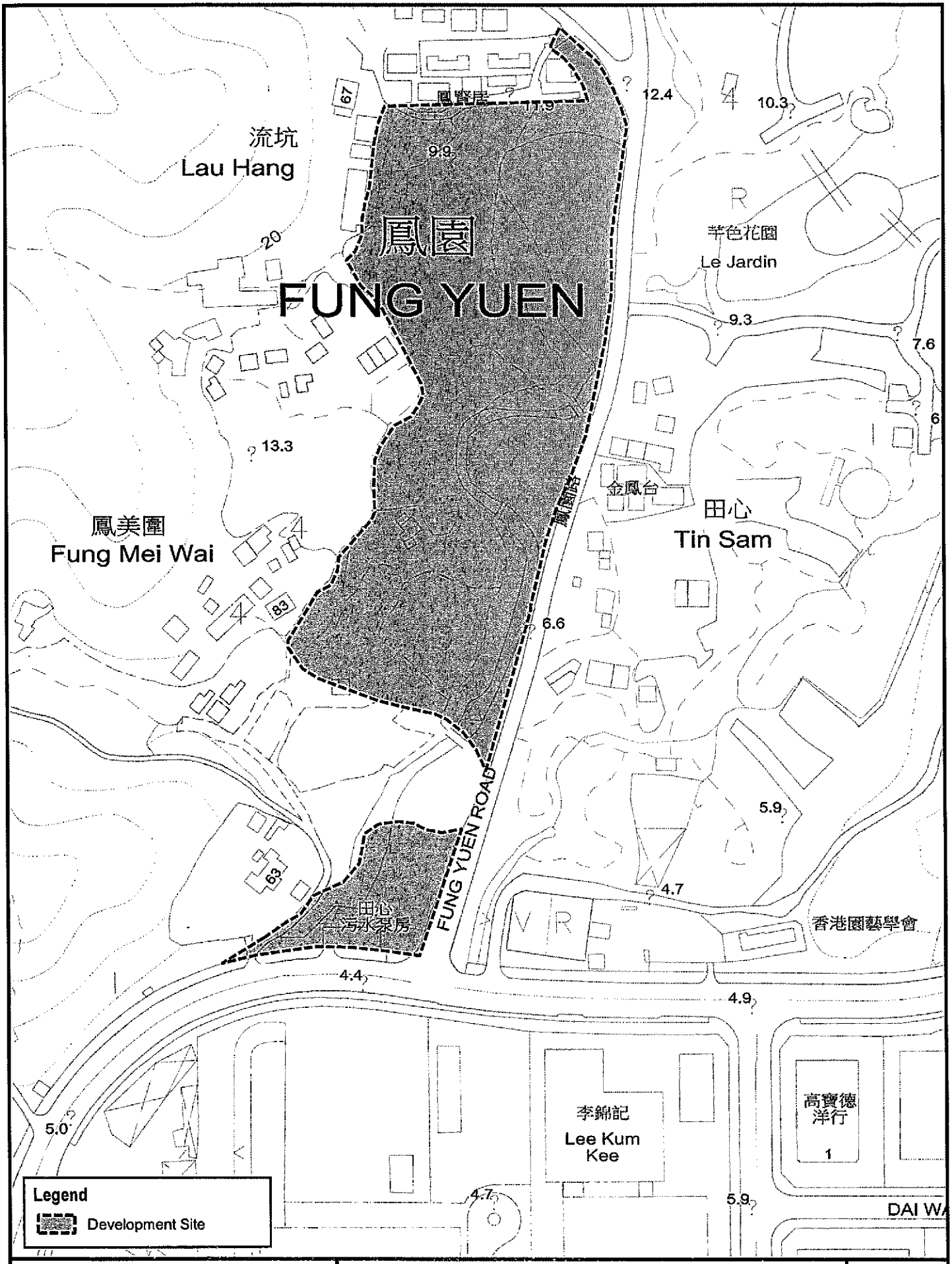
The area of interest of our study is attached with this letter.

If you have any queries, please do not hesitate to contact our Ms Kit Wong at 2838 2738.

Yours faithfully,

Ir. K. K. Iu
Project Director
Encl.

CERTIFIED COMPANY HKQAA
ISO 9001 : 2000
Certificate No.: CC 781



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Site Location**	**1**

Appendix 4

Noise Impact Assessment

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Noise Impact Assessment

Prepared for:
Fantastic State Limited

Prepared by:
Westwood Hong & Associates Limited

Report No.:
22608-N1 Rev A

Date:
26 September 2025

Ir K. K. Iu	FHKIOA, MIOA, MCIBSE, MHKIE, MASA, APEC Engineer FMOIA, MIEAust, MHKIQEP, C Eng, RPE, CPEng
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EIA · ACOUSTICS · NOISE · VIBRATION

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AIMS

To assess noise impacts on the proposed residential development(s) with retail, public vehicle park and social welfare facilities (the "proposed Development") at Fung Yuen Road, Tai Po, N.T.

To recommend noise mitigation measures for the proposed Development, if necessary; and to assess the suitability of the proposed building layout and the recommended noise mitigation measures according to relevant requirements in the Hong Kong Planning Standards & Guidelines (HKPSG).

SUMMARY

Noise assessments have been conducted to predict the noise impacts at the proposed Development.

For road traffic noise, the predicted maximum road traffic noise level of the residential flats in Area (A) and the social welfare facilities in Area (B) will be 73dB(A) and 80dB(A) respectively, exceeding the stipulated 70dB(A) noise criterion. Therefore, noise mitigation measures are required.

With the provision of Acoustic Window (baffle type), the assessment results indicate that the predicted road traffic noise levels at all the residential flats in Area (A) and the social welfare facilities in Area (B) (i.e. 100%) will comply with the 70dB(A) noise criterion.

For the fixed noise sources impact, the assessment results indicate that all the residential flats in Area (A) and the social welfare facilities in Area (B) will be within the stipulated noise limits.

1. INTRODUCTION

1.1 Westwood Hong & Associates Ltd (WHA) was commissioned to conduct an environmental noise impact assessment for the proposed residential development(s) with retail, public vehicle park and social welfare facilities (the "proposed Development") at various lots in DD11 and adjoining government land, Fung Yuen, Tai Po. Figure 1 shows the location of the proposed Development.

1.2 This environmental noise impact assessment report supports the Rezoning Application for the proposed Development.

1.3 This S.12A application is to seek the Town Planning Board's approval for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") for the proposed Development at various lots in D.D. 11 and adjoining Government Land in Fung Yuen, Tai Po, New Territories ("the Development Site"). The Development Site consists of two areas: Area (A) and Area (B).

1.4 The proposed Development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B).

1.5 The Applicant submitted an s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and a relaxation of the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

1.6 Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely formed

by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

1.7 This report has been prepared based on the architectural drawings provided by the Client (Appendix 1).

1.8 This report comprises the following assessments:-

- Road traffic noise affecting the proposed Development
- Fixed noise sources affecting the proposed Development
- Fixed noise sources from the proposed Development

2. SITE LOCATION & BUILDING LAYOUT

Site Location

2.1 The Development Site comprising Area (A) and Area (B) is adjoining Fung Yuen Road to the east. Ting Kok Road is located to the south (Figure 1). The residential development Mont Vert is located to the north.

Development Layout

2.2 The proposed Development comprises retail and public vehicle park and 7 residential blocks with 24 – 30 storeys in height on Area (A) and a Residential Care Home for the Elderly (RCHE) cum Day Care Unit (DCU) with 8 storeys in height on Area (B). The architectural drawings are provided in Appendix 1. The development parameters are summarised in Table 2.1 below.

Table 2.1 Development Parameters of the Proposed Development

	Parameters
Zoning	"Comprehensive Development Area" and "Government, Institution or Community" on Draft Tai Po Outline Zoning Plan No. S/TP/31
Site Area	Area (A): 31,854 m^2 Area (B): 3,347 m^2
Number of Residential Units	1,988
Number of Residential Storeys	24 – 30 storeys
Height of Residential Towers	85 – 102mPD
Use	- Residential blocks - Retail and public vehicle park facilities - Social welfare complex
Completion Year	2030

2.3 The clubhouse would be equipped with central air-conditioning and would not rely on opened windows for ventilation. No adverse noise impact is anticipated.

3. NOISE CRITERIA

Road Traffic Noise Criterion

3.1 For the residential units, according to the HKPSG[1], road traffic noise criterion for domestic premises is 70dB(A) L10(1 hour) at the external facades for the hour having the peak traffic flow. This noise criterion applies to the domestic premises which rely on opened windows for ventilation.

3.2 For the RCHE, the road traffic noise criterion for the diagnostic rooms and wards of the RCHE are 55 dB(A) and the normal domestic use is 70 dB(A) at the external facades for the hour having the peak traffic flow.

3.3 For the DCU, according to the HKPSG, the educational institutions including kindergartens, child care centre and all others where unaided voice communication is required, the road traffic noise criterion is 65dB(A) at the external facades for the hour having the peak traffic flow. The noise criterion applied to the uses which rely on opened windows for ventilation.

Noise Criteria for Fixed Noise Sources

3.4 For fixed noise sources, the criterion is determined based on the statutory Acceptable Noise Levels (ANL) stipulated in "Technical Memorandum for the Assessment of Noise from Places other than Domestic Premises, Public Places or Construction Sites"[2] (IND – TM). The HKPSG also states that in order to plan for a better environment, all planned fixed noise sources should be so located and designed that when assessed in accordance with the TM, the level of the intruding noise at the façade of the nearest sensitive use should be at least 5dB(A) below the appropriate ANL shown in Table 2 of the IND – TM or, in the case of the background being 5dB(A) lower than the ANL, should not be higher than the background.

3.5 The Development Site is located in an isolated high-rise development area, and part of the Development Site is affected by an Influencing Factor (IF) (i.e. Tai Po Industrial Estate). According to the IND – TM, any NSR shall be assigned an ASR of "C" if it is within 100m of a zone designated as "Industrial" or "Industrial Estate" on a statutory Outline Zoning Plan, or an ASR of "B" if it is between 100m and 250m from such a zone. Since the northern part of the Development Site is located more than 250m away from the Tai Po Industrial Estate, for conservative, an Area Sensitivity Rating of "A" would be applied to all the NSRs of the proposed Development for the fixed noise assessment. The ANLs are shown in Table 3.1.

Table 3.1 ANLs for Day, Evening and Night Time Periods

Time Period	ANLs dB(A), Leq (30 mins)		
	ASR "A"	**ASR "B"**	**ASR "C"**
Day (0700 to 1900 hours) and evening (1900 to 2300 hours)	60	65	70
Night (2300 to 0700 hours)	50	55	60

Note: In any event, the ASR and the ANLs adopted in this report are only indicative and they are used for assessment only. It should be noted that noise from fixed noise sources is controlled under section 13 of the Noise Control Ordinance. Therefore, the ASRs and ANLs determined in this report shall not prejudice the Noise Control Authority's discretion to determine noise impact due to fixed noise sources on the basis of prevailing legislation and practices being in force, and taking account of contemporary conditions/ situations of adjoining land uses. The assessment of noise impacts due to fixed noise sources in this report shall not bind the Noise Control Authority in the context of law enforcement against any of the noise from fixed noise sources being assessed.

3.6 As mentioned in Section 3.4, the noise criteria for the noise from planned fixed sources are ANL – 5dB(A) or the prevailing background noise levels, whichever is lower. Site measurements were made at the nearby noise sensitive receiver, the prevailing background noise levels are summarised in Table 3.2 below. The measurement location is provided in Figure 2.

Table 3.2 Noise Measurement Results

Location	Noise Sensitive Receiver	Measurement Result, dB(A), L90 (1 hour), Façade
Loc 1	Kam Fung Terrace	Daytime: 57 – 58 Night-time: 46 – 48

3.7 The prevailing background noise levels of the identified noise sensitive receiver were higher than ANL – 5dB(A). Therefore, the ANL – 5dB(A) are used as the criteria for noise from planned fixed sources (i.e. 55dB(A) for daytime, and 45dB(A) for night-time).

4. SITE SURVEYS

Dates and Time

4.1 Site surveys were conducted on the following dates and time:-

- 7 April 2025 (10:00am – 6:00pm)
- 23 June 2022 (10:00am – 6:00pm)
- 8 October 2021 (2:00pm – 6:00pm)
- 10 March 2020 (6:00am – 2:00pm)
- 15 October 2019 (3:00pm – 6:00pm; 10:00pm – 00:30am)
- 11 July 2018 (8:00pm – 11:00pm)
- 6 July 2018 (2:30pm – 6:00pm)

Instrumentation

4.2 The instruments used by WHA for the surveys comply with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1), as listed in Table 4.1 below.

Table 4.1 Instruments Used for the Noise Surveys

Manufacturer	Type
Ono Sokki	Precision Integrating Sound Level Meter
Ono Sokki	Foam Windshield
Bruel and Kjaer	Noise Calibrator Type 4231

4.3 The sound level meter was calibrated before use and further checks on completion of the survey, and confirmed that the calibration levels from before and after the noise measurement agree to within 1.0dB.

4.4 The site measurements including measurement equipment, calibration procedure, measurement methodology and weather conditions were conducted in accordance with the IND – TM.

Fixed Noise Sources in the Vicinity

4.5 The study area for the fixed noise sources impact assessment is 300m. The identified potential fixed noise sources are summarised in Table 4.2 below and given in Figure 3. Detailed discussion on the noise impact from these fixed noise sources is given in Section 7. The photos of the identified potential fixed noise sources are provided in Appendix 5.

Table 4.2 Identified Potential Fixed Noise Sources

Source ID	Site	Identified Industrial Activities [1]	Location of Fixed Noise Sources	Operating Hours [2]
A	Tin Sam Sewage Pumping Station	No industrial noise was observed during site surveys.	On ground level	24 hours
B	Cheuk Shing Vehicle Repair Workshop	The workshop was housed within a permanent steel cover. The workshop had one staff member only. In 2022 site survey, the major activity of the workshop was to provide car repairing service. Site surveys revealed that the major noise was the air compressor noise, lasting about 10 seconds per 2 minutes, and also some insignificant operation noise from taking up / putting down the hand tools. All the operations were taken place within the steel cover. Site inspections for the workshop were conducted for 1 hour, no noisy activities were observed. The operation noise was only audible at the entrance of the workshop. Noise from the workshop was inaudible at Fung Yuen Road. The noise measurements were conducted at 5m distances from the noise sources, detailed noise measurement results are provided in Appendix 6. In 2025 site survey, it was used as parking only, no industrial noise was observed during site survey.	On ground level, under the steel cover	9:00am – 6:00pm
C	Recycling Yard	It is a recycling yard of steel material. A crane was observed inside the yard for loading and unloading. A lorry was also observed but for parking only without operation. The noise measurements were conducted at 5m distances from the noise sources, detailed noise measurement results are provided in Appendix 6. The industrial activities were the same in 2025 site survey.	On ground level	9:00am – 6:00pm
D	Car Repair Workshop at Ting Kok Road	In 2022 site survey, the workshop provided car parking and services of tyre fixing and car battery changing. The cars were parked at outdoor area and the repairing services were taken place within the steel cover. The major noisy activity was the electric screwdriver noise, lasting about 5 seconds per minute. The operation noise was not audible outside the workshop, where the road traffic noise from Ting Kok Road would be dominant. The noise measurements were conducted at 8m distances from the noise sources, detailed noise measurement results are provided in Appendix 6. In 2025 site survey, it was used as parking only, no industrial noise was observed during site survey	On ground level, under the steel cover	9:00am – 6:00pm

E	Site Office	A temporary structure for site office. No industrial noise was observed during site surveys.	On ground level	9:00am – 6:00pm
F	KMB Bus Depot	Site surveys revealed that the depot was used for parking, petrol filling and fixing the advertisement on the bus. Site observations were made for the depot for 3 hours. The general operations of the depot include the buses returning to the bus depot and parking. Then, the bus driver took a rest. The bus would manoeuvre slowly to petrol filling before leaving the depot. The major noisy activities were buses manoeuvring at ingress / egress and inside the bus depot. As advised by the manager of the bus depot, the depot would not have any maintenance work and the operation hours would be about 6:00am to midnight. The findings were remained valid, as observed on the 2025 site survey.	On ground level	6:00am – 12:00am
G	MTRC Tai Po Bus Station	The lot comprises a 2-storey building and an open area. The gate was closed during site surveys. No industrial noise was observed during site surveys.	On ground level	9:00am – 6:00pm
H	Lee Kum Kee	The factory comprises 2 buildings and an open area. A forklift was observed in the outdoor area for transferring goods. Additionally, 4 cooling towers were found at the rooftop.	On ground level	9:00am – 6:00pm
J	Hopewell Slipform	The factory of slipform. In 2022 site survey, no industrial noise was observed during site surveys, only a crane was observed. In 2025, no plant was observed, no industrial noise was observed also.	On ground level	9:00am – 6:00pm
K	Techno Enterprise Limited	No industrial noise was observed during site surveys. 2 cooling towers at 1/F platform were observed.	On ground level	9:00am – 6:00pm
L	Jackel Porter Co. Ltd.	No industrial noise was observed during site survey.	On ground level	9:00am – 6:00pm
M	Luen Tai Hong	6 cooling towers were identified at the rooftop based on desktop study. No industrial noise was observed during site survey.	On ground level	9:00am – 6:00pm
N	OPC Manufacturing Ltd.	In 2022, 2 cooling towers were observed at the rooftop and 1 cooling tower was located at the ground level. In 2025, the factory was closed. All the cooling towers were removed.	On ground level	9:00am – 6:00pm
P	Vantage Technology Ltd.	No industrial noise was observed during site survey.	On ground level	9:00am – 6:00pm

Q	Chiaphua Industries	3 cooling towers were identified at the rooftop based on desktop study. No industrial noise was observed during site survey.	On ground level	9:00am – 6:00pm
R	Hitachi Chemical Electronic Materials (Hong Kong) Ltd.	3 cooling towers were observed at the rooftop.	On ground level	9:00am – 6:00pm

Noted:

[1] The operation of the identified fixed noise sources were observed during site surveys and confirmed with the staffs.

[2] The operating hours of the identified fixed noise sources were advised from the staffs of each site, and confirmed by night-time site survey.

4.6 Other than the identified fixed noise sources in Table 4.2, site surveys have confirmed that there are no other major fixed noise sources in the vicinity of the Development Site. All the fixed noise sources within the assessment area are identified and considered in the assessment.

5. ROAD TRAFFIC NOISE IMPACT ASSESSMENT

5.1 The noise prediction was conducted by employing the WS Atkins RoadNoise 2000[3] computer software.

Traffic Forecast

5.2 The anticipated occupation year of the proposed Development is 2030, the maximum traffic in 15 years after occupation of the proposed Development (i.e. 2045) has been adopted for the purpose of the road traffic noise assessment.

5.3 The traffic forecast for Year 2045 was provided by the Traffic Consultant (CTA Consultants Limited). The definition of heavy vehicles in the U.K. Department of Transport's "Calculation of Road Traffic Noise" (CRTN)[4] has been adopted. The traffic flow data adopted in the noise prediction model is provided in Appendix 2. Review of the data indicates that the AM peak is in general higher than the PM peak. Therefore, the set of AM peak traffic data is employed for the assessment, representing the worst-case scenario. The computer plot of the noise prediction model is shown in Figure 4.

Noise Assessment Points for Road Traffic Noise Assessment

5.4 All ventilation openings to rooms of noise sensitive use (i.e. living and dining rooms, bedrooms / master bedrooms) are assigned with noise assessment points. The location of assessment points are illustrated in Figures A3-1 to A3-3 of Appendix 3. The clubhouse will be equipped with central air-conditioning and would not rely on opened windows for ventilation. No adverse noise impact is anticipated.

5.5 The assessment points are taken at the height of 1.2m above each residential floor and 1m away from the façade of openable windows of the noise sensitive rooms.

Methodology of Road Traffic Noise Impact Assessment

5.6 The road traffic noise levels at the proposed Development were predicted, based on the predicted traffic flows in Year 2045 and in accordance with the procedures given in the CRTN. The predicted road traffic noise levels at the building facades include a 2.5dB(A) facade reflection and correction factors for gradient, distance, view angle, barriers and road surface material.

5.7 The study area of the road traffic noise assessment would be 300m from the site boundary. The roads within the study area are included in the assessment.

5.8 As advised by the Highways Department, the road surface types of the roads in the prediction model are "bitumen" and "concrete" (Appendix 2).

Predicted Road Traffic Noise Levels (Base Scenario)

5.9 The predicted road traffic noise levels are presented in Appendix 2 for all Noise Sensitive Receivers (NSRs) of the proposed Development. The noise compliance rate of the base scenario will be 91% (i.e. 188 residential units have noise exceedance) with maximum 73dB(A). Therefore, noise mitigation measures are required.

Predicted Road Traffic Noise Levels (With Noise Mitigation Measures)

5.10 In order to achieve noise compliance, all noise sensitive rooms with noise exceedance will be provided with Acoustic Window (Baffle Type). The location of the Acoustic Window (Baffle Type) is provided in Figures 5a – 5c. The Acoustic Window (Baffle Type) will be designed by making reference to ProPECC PN5/23 "Application of Innovative Noise Mitigation Designs in Planning Private Residential Developments against Road Traffic Noise Impact". With the provision of these noise mitigation measures, all residential units of the proposed Development (i.e. 100%) can comply with the stipulated 70dB(A) noise limit. Details of the predicted noise levels are given in Appendix 4.

5.11 Noise mitigation measures for the proposed Development are given in Section 6.

6. NOISE MITIGATION MEASURES

6.1 Practicable noise mitigation measures have been considered and some of those measures have been incorporated in the proposed Development, as mentioned in the following sections.

6.2 Noise mitigating designs have been investigated and considered in the design stage, including building setback and building block orientation.

6.3 The Schedule of Noise Mitigation Measures to summarise all the noise mitigation measures in the proposed Development is provided in Appendix 9.

Acoustic Window (Baffle Type)

6.4 Acoustic Window (Baffle Type) will be adopted for the proposed Development as noise mitigation measure. The Acoustic Window (Baffle Type) comprises of two layers of window. An additional window layer is introduced to the conventional side-hung window in a staggering position. The outer window is a conventional push-pull type window whilst the inner one is a sliding window. By properly positioning the openings of inner window with the outer window, it can reduce noise entering indoors while allowing air flow into the room via the air gap between two layers of windows.

6.5 The Acoustic Window (Baffle Type) in the proposed Development will be designed by making reference to ProPECC PN5/23 "Application of Innovative Noise Mitigation Designs in Planning Private Residential Developments against Road Traffic Noise Impact". Additional Sound Absorptive Materials are required to be applied at top and outer opening side of mullion of the Acoustic Window (Baffle Type) for certain locations.

6.6 The locations of Acoustic Window (Baffle Type) with or without Sound Absorptive Materials are illustrated in Figures 5a – 5c. The detailed design of the Acoustic Window (Baffle Type) and the justification of noise performance are shown in Appendix 8. The Project Architect confirmed that the design of Acoustic Window (Baffle Type) could meet the natural ventilation requirement under Building (Planning) Regulations.

7. NOISE IMPACT ASSESSMENT FOR FIXED NOISE SOURCES

7.1 The identified fixed noise sources in the vicinity were summarised in Table 4.2.

Noise Assessment Points for Fixed Noise Sources Assessment

7.2 With consideration of the fixed noise sources locations, representative assessment points with most affected (with shortest distance) are assigned for the noise assessment. The location of the assessment points are illustrated in Appendix 6.

7.3 The assessment points are taken at the height of 1.2m above each residential floor and 1m away from the façade of openable windows in the noise sensitive rooms.

SWLs Adopted in the Fixed Noise Sources Calculation

7.4 On-site noise measurements were made to investigate the existing fixed noise sources. Sound Pressure Levels (SPLs) obtained during survey were then converted to SWLs with reference to basic acoustic principle. The SPLs at NSRs were calculated based on the distance attenuation, tonality correction, impulsiveness correction, intermittency correction, barrier correction and façade correction. No tonality correction, impulsiveness correction, intermittency correction is applied to the fixed noise sources based on site observation and measurements.

7.5 Site surveys were conducted from years 2018 to 2025. According to the recent site survey findings, some fixed noise sources were not in operation during site survey. For conservative purpose, the SWLs of the fixed noise sources adopted in the previous approved NIA report is adopted in this assessment. Some fixed noise sources were removed and no longer exists as observed in recent site survey, which would not be considered in this assessment.

7.6 The identified cooling towers are located at the rooftop and forklift is located within the private lot, which are not accessible at the time of the surveys. Therefore, the SWL of forklift is referenced to BS5228. The SWLs of cooling towers are referenced to the product catalogue with similar diameter. For conservatism, the corrections for deterioration and tonality are considered. The referenced catalogues are provided in Appendix 5.

7.7 The locations of fixed noise sources are shown in Figure 3. The SWLs of the fixed noise sources adopted in the assessment are summarised in Table 7.1. Detailed calculations for SWLs are provided in Appendix 5.

Table 7.1 SWLs of Identified Fixed Noise Sources

Source ID	Name	Fixed Noise Sources	Nos.	SWL of each plant, dB(A)	Operation hours	Reference
B	Cheuk Shing Vehicle Repair Workshop	Air compressor noise	1	94	Day and evening time periods	Site measurements
C	Recycling yard	Loading and unloading by crane	1	95	Day and evening time periods	Site measurements
D	Car Repair Workshop at Ting Kok Road	Electric screwdriver noise	1	96	Day and evening time periods	Site measurements
F	KMB Bus Depot	Buses manoeuvring at ingress / egress and inside the Bus Depot	1	90	Day, evening and night-time periods	Site measurements
H-1	Lee Kum Kee	Cooling towers at rooftop	4	93	Day and evening time periods	Product catalogue
H-2		Forklift	1	104	Day and evening time periods	BS5228
J	Hopewell Slipform	Crane	1	105	Day and evening time periods	TM
K	Techno Enterprise Limited	Cooling towers	2	93	Day and evening time periods	Product catalogue
M	Luen Tai Hong	Cooling towers	6	93	Day and evening time periods	Product catalogue
Q	Chiaphua Industries	Cooling towers	3	93	Day and evening time periods	Product catalogue
R	Hitachi Chemical Electronic Materials (Hong Kong) Ltd.	Cooling towers	3	93	Day and evening time periods	Product catalogue

Methodology of Noise Impact Assessment from Fixed Noise Sources

7.8 For the fixed noise sources of cooling towers, the exact locations will be considered in the calculation. For other noise sources, the noise emission points are placed at the location where the noise sources were being observed during site surveys.

7.9 Although it is unlikely that all the identified fixed noise sources will be in operation simultaneously, to be conservative, it has been assumed that all the identified fixed noise sources are in operation at the same time, which also represents a worst-case scenario. Fixed noise sources are assumed to operate continuously instead of occasionally as observed on-site and all fixed noise sources are regarded as point source.

7.10 Site inspections confirmed that the identified fixed noise sources have no operation during night-time period except for the KMB Bus Depot. Therefore, only KMB bus depot would be considered in the assessment during night-time period.

7.11 For conservatism, no barrier correction would be considered in the assessment.

7.12 For the assessment of noise from fixed noise sources, the noise level at NSR was predicted using the standard acoustic principles:

Predicted Noise Level = Sound Power Level of fixed noise source – Distance Attenuation + Façade Correction

Where Distance Attenuation = 20 log D + 8 [where D is the distance in meters]
Façade Correction = 3dB(A)

Predicted Noise Levels from Fixed Noise Sources (Base Scenario)

7.13 The predicted façade noise levels from fixed noise sources at the representative NSRs are in the range of 55 – 56 dB(A) Leq(30min) during day and evening time periods, and 32 – 33dB(A) Leq(30min) during night-time period. These predicted noise levels are within the stipulated noise limits as mentioned in Section 3. The summary of the predicted noise levels are summarsied in Table 7.2 and given in Appendix 6.

Table 7.2 Summary of Noise Results for Fixed Noise Sources

NSR	Predicted Façade Noise Levels		Comply or not
	Day and Evening, dB(A)	**Night-time,** dB(A)	
NSR 116	56	32	Comply
NSR 216	56	33	Comply
NSR 223	56	33	Comply
NSR 318	55	33	Comply

Fixed Noise Sources in the Proposed Development

7.14 Refer to the Section 3.7, the prevailing background noise levels of the identified noise sensitive receiver were higher than ANL – 5dB(A). Therefore, the ANL – 5dB(A) are used as the criteria for noise from planned fixed sources (i.e. 55dB(A) for daytime, and 45dB(A) for night-time).

7.15 For the design of plant noise control treatment, the noise emanating from plantrooms and from the fresh air intake and discharge air grilles shall be controlled to 45dB(A) Leq(30min), measured at 1m from the nearest NSRs. Provisions shall be made to control the plant noise by suitable silencers, acoustic louvres, vibration isolators and enclosures in order to meet the noise requirement in the HKPSG.

8. NOISE IMPACTS TO THE RCHE AND DCU

8.1 A 8-storey of RCHE and DCU will be located in Area (B) of the proposed Development, which will subject to the road traffic noise and fixed noise sources.

8.2 As the typical layout of the RCHE and DCU are not available at this stage, representative noise assessment points are assigned to all façade of the building to have preliminary noise results.

Road Traffic Noise Impact for RCHE and DCU

8.3 The predicted road traffic noise levels for the RCHE and DCU will be in the range of 66 – 80dB(A), which exceeded the noise criteria (i.e. 70dB(A)). The road traffic noise results are presented in Appendix 8.

8.4 The DCU would be equipped with central air-conditioning and would not rely on opened windows for ventilation. No adverse noise impact is anticipated.

8.5 The southern façade facing Ting Kok Road will have significant noise exceedance, fixed glazing and no noise sensitive rooms of RCHE will be adopted at the southern façade. According to the ProPECC PN5/23, the Acoustic Window (Baffle Type) together with the sound absorptive material will have 7.5dB(A) noise reduction. With the provision of this acoustic window and fixed glazing, all the NSRs of the RCHE and DCU will comply with the noise limit (Appendix 7). The requirements such as the room size, dimensions of the acoustic window (baffle type), etc., in the PN5/23 will be fully complied with in order to apply the relative noise reduction stated in the PN.

8.6 As the typical layout of the RCHE and DCU is not available at this stage, the noise mitigation measures and the noise performance would be reviewed during the detailed building design stage in order to achieve noise limits in HKPSG. The wards and diagnostic room will be designed to have air-conditioning without openable window for ventilation, or designed to locate at the north or west façade.

Fixed Noise Impact for RCHE and DCU

8.7 The predicted façade noise levels from fixed noise sources at the representative NSR on RCHE and DCU is 58 dB(A) Leq(30min) during day and evening time periods, and 35dB(A) Leq(30min) during night-time period. These predicted noise levels are within the stipulated noise limits as mentioned in Section 3.

Fixed Noise Sources from RCHE and DCU

8.8 Refer to the Section 3.7, the prevailing background noise levels of the identified noise sensitive receiver were higher than ANL – 5dB(A). Therefore, the ANL – 5dB(A) are used as the criteria for noise from planned fixed sources (i.e. 55dB(A) for daytime, and 45dB(A) for night-time).

8.9 The planning fixed noise sources included the air conditioning system of the RCHE and DCU, such as chiller and cooling tower. The acoustic performance of the fixed noise sources would be reviewed during detailed design stage. If found necessary, acoustic treatments such as provision of acoustic silencers and acoustic enclosures shall be proposed in order to comply with the relevant noise requirements in the HKPSG.

9. CONSTRUCTION NOISE IMPACT

9.1 The major construction activities of the Development site include soil excavation, site formation, backfilling, piling and superstructure, etc. Construction noise will be generated by the use of Powered Mechanical Equipment (PME) such as excavator and dump truck, etc. during the construction work. Given that the details of the construction programme and plant inventory are not available at this stage, a qualitative assessment was then conducted.

9.2 With the implementation of standard practices recommended in the ProPECC PN 1/24 "Minimizing Noise from Construction Activities", adverse construction noise impact is normally not anticipated. The recommended mitigation measures are summarized below.

Standard Practice for Construction Phase

9.3 The recommended practices below would be considered in all worksites as good practices to limit noise emissions at the source include:-

- Good site practices to limit noise emissions at the source;
- Use of quality powered mechanical equipment (QPME);
- Use of site hoarding as noise barrier to screen noise at ground level of NSRs;
- Use of temporary noise barriers, noise enclosure and acoustic mat to screen noise from relatively static PMEs;
- Scheduling of construction works outside school examination periods in critical area; and
- Alternative use of plant items within one worksite, wherever practicable.

9.4 The above recommended practices would need to be implemented in worksites as good practices where appropriate. Reference shall also be made to EPD's recommended pollution control clauses for construction contracts.

10. CONCLUSION

10.1 Noise assessments have been conducted to predict the noise impacts at the proposed Development.

10.2 For road traffic noise, the predicted maximum road traffic noise level of the residential flats in Area (A) and the social welfare facilities in Area (B) will be 73dB(A) and 80dB(A) respectively, exceeding the stipulated 70dB(A) noise criterion. Therefore, noise mitigation measures are required.

10.3 With the provision of Acoustic Window (baffle type), the assessment results indicate that the predicted road traffic noise levels at all the residential flats in Area (A) and the social welfare facilities in Area (B) (i.e. 100%) will comply with the 70dB(A) noise criterion.

10.4 For the fixed noise sources impact, the assessment results indicate that all the residential flats in Area (A) and the social welfare facilities in Area (B) will be within the stipulated noise limits.

10.5 A noise impact assessment will be conducted in the detailed design stage to address the potential noise impact for the proposed Development and recommend noise mitigation measures in order to meet the requirements under the HKPSG.

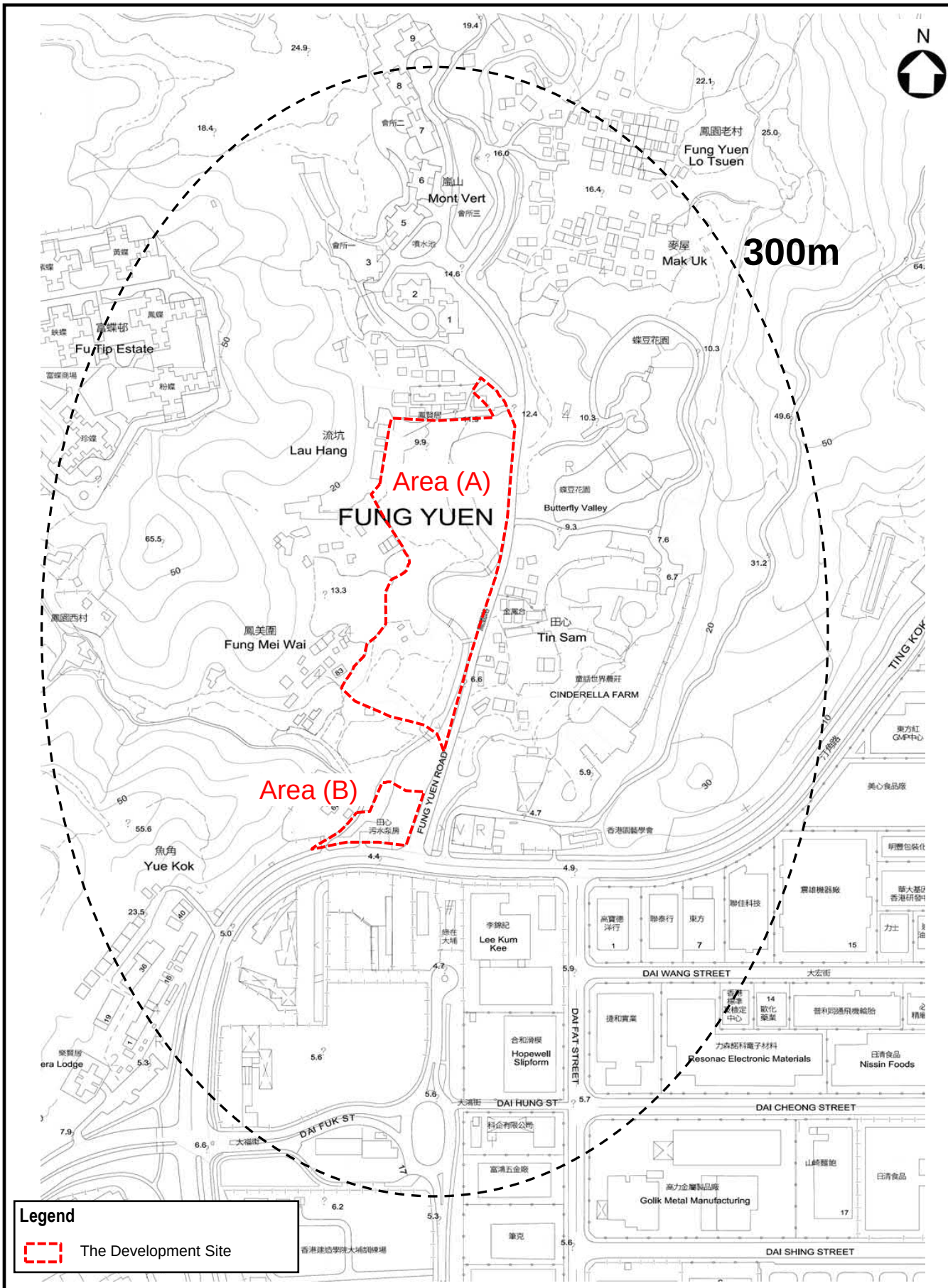
11. REFERENCES

[1] "Hong Kong Planning Standards & Guidelines" of March 2014 of Hong Kong Government.

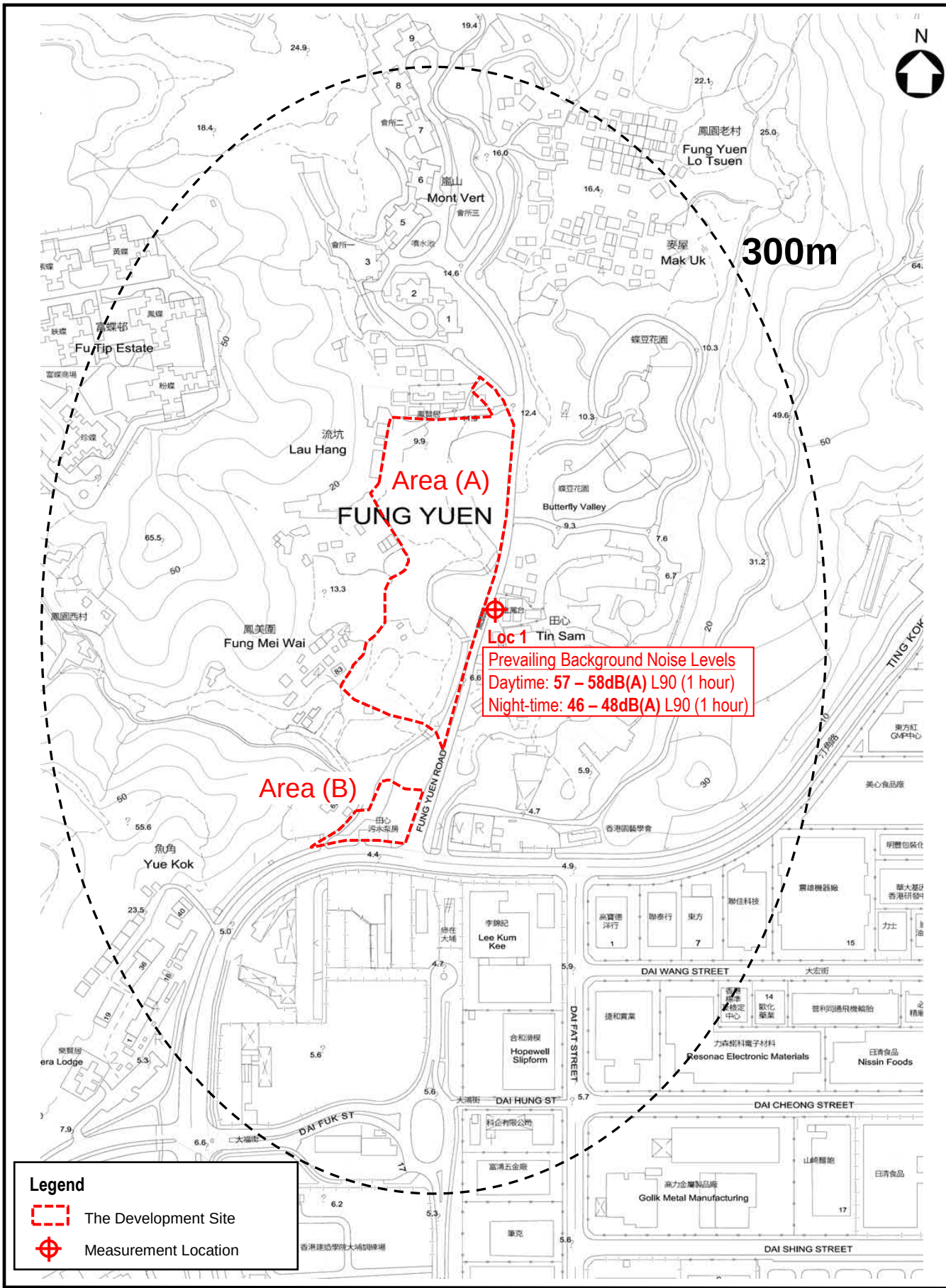
[2] "Technical Memorandum for the Assessment of Noise from Places Other Than Domestic Premises, Public Places or Construction Sites" (IND – TM) issued under the Noise Control Ordinance.

[3] "RoadNoise 2000" Computer Software of WS Atkins Noise and Vibration, England.

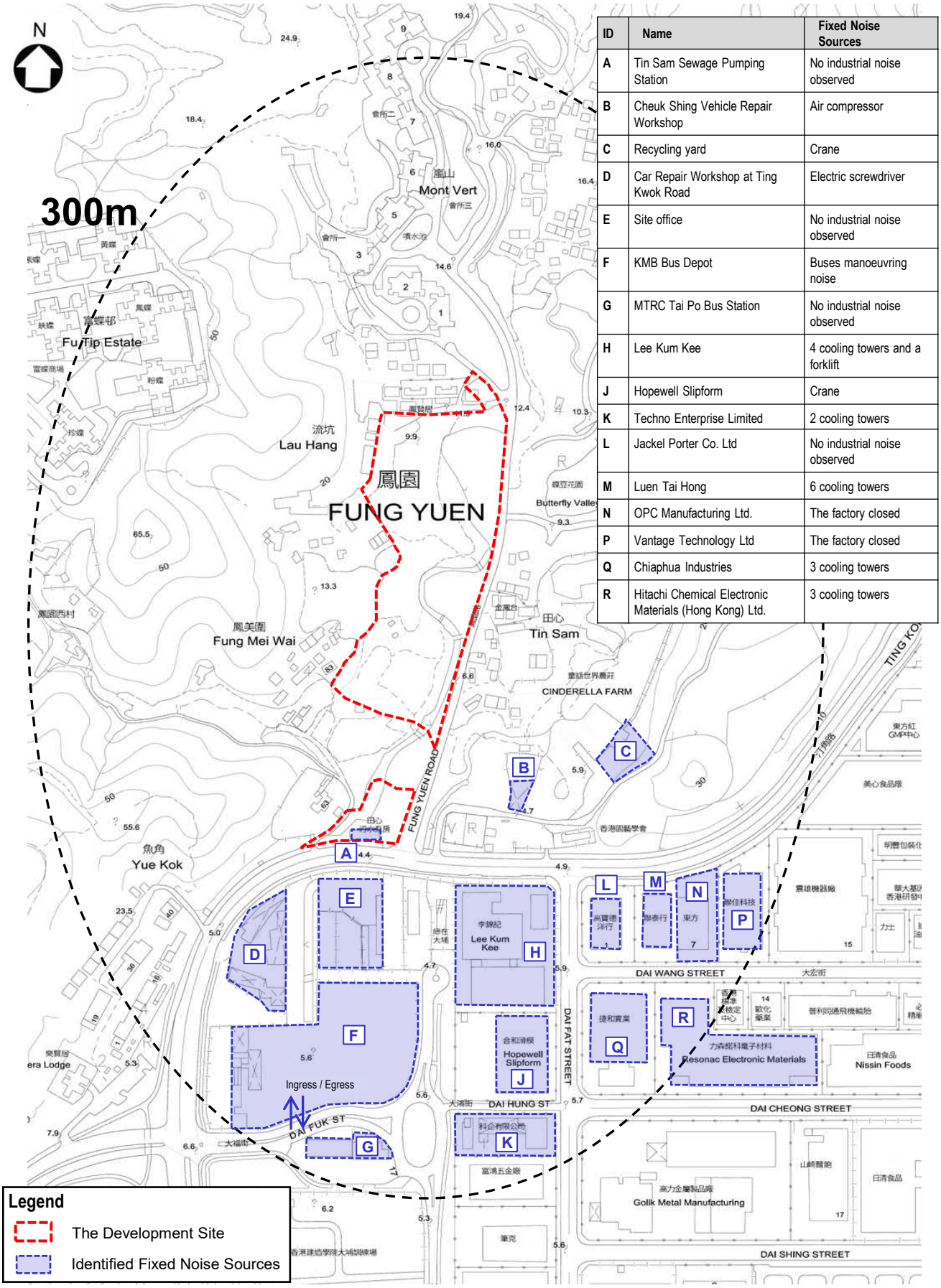
[4] "Calculation of Road Traffic Noise" of the Department of Transport, Welsh Office, UK.



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Site Location**	**1**



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Measurement Locations**	**2**



ID	Name	Fixed Noise Sources
A	Tin Sam Sewage Pumping Station	No industrial noise observed
B	Cheuk Shing Vehicle Repair Workshop	Air compressor
C	Recycling yard	Crane
D	Car Repair Workshop at Ting Kwok Road	Electric screwdriver
E	Site office	No industrial noise observed
F	KMB Bus Depot	Buses manoeuvring noise
G	MTRC Tai Po Bus Station	No industrial noise observed
H	Lee Kum Kee	4 cooling towers and a forklift
J	Hopewell Slipform	Crane
K	Techno Enterprise Limited	2 cooling towers
L	Jackel Porter Co. Ltd	No industrial noise observed
M	Luen Tai Hong	6 cooling towers
N	OPC Manufacturing Ltd.	The factory closed
P	Vantage Technology Ltd	The factory closed
Q	Chiaphua Industries	3 cooling towers
R	Hitachi Chemical Electronic Materials (Hong Kong) Ltd.	3 cooling towers

Legend

- The Development Site
- Identified Fixed Noise Sources

Westwood Hong & Associates Ltd

PROJECT: 22608

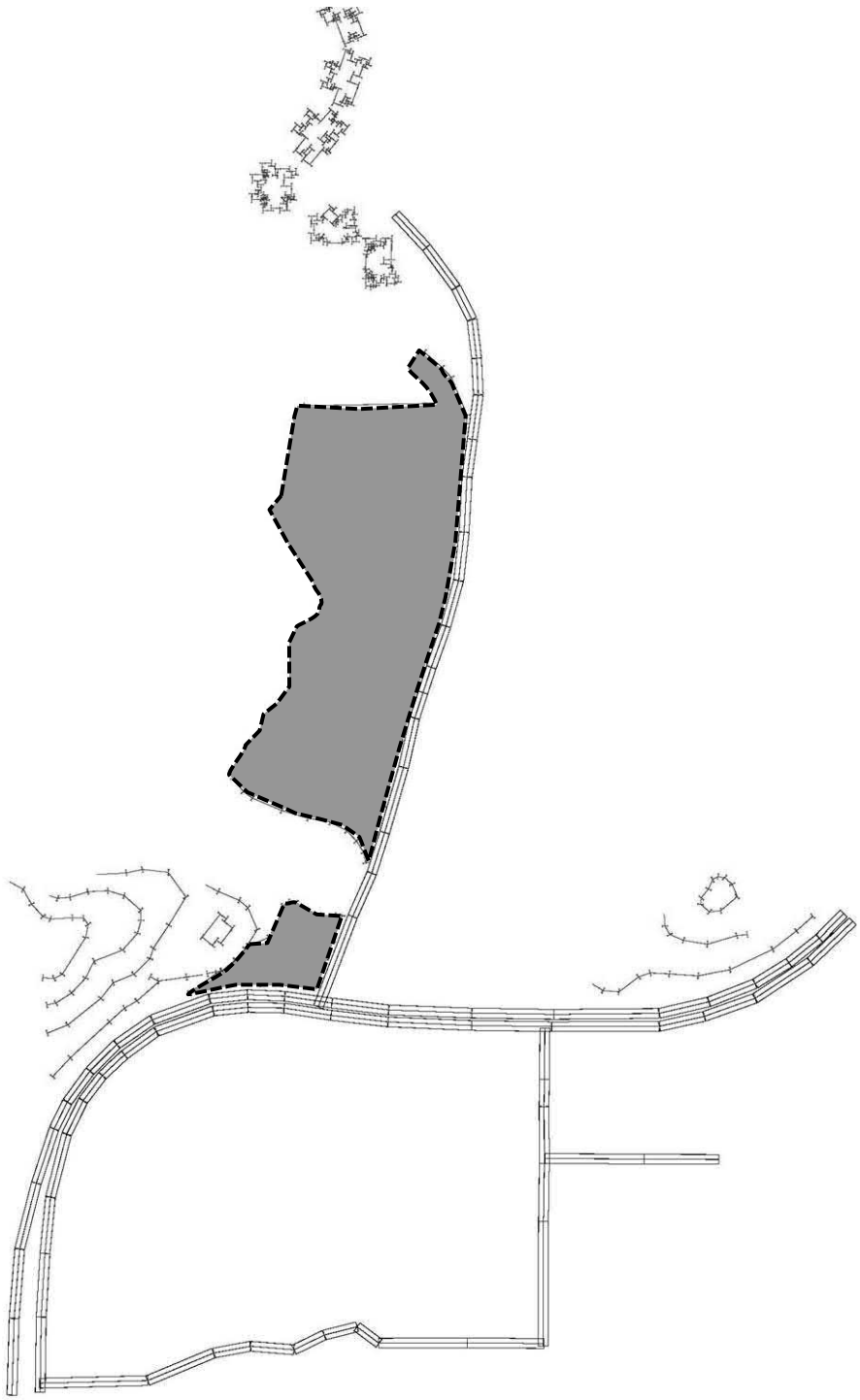
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po

TITLE:

Location of Fixed Noise Sources

FIGURE

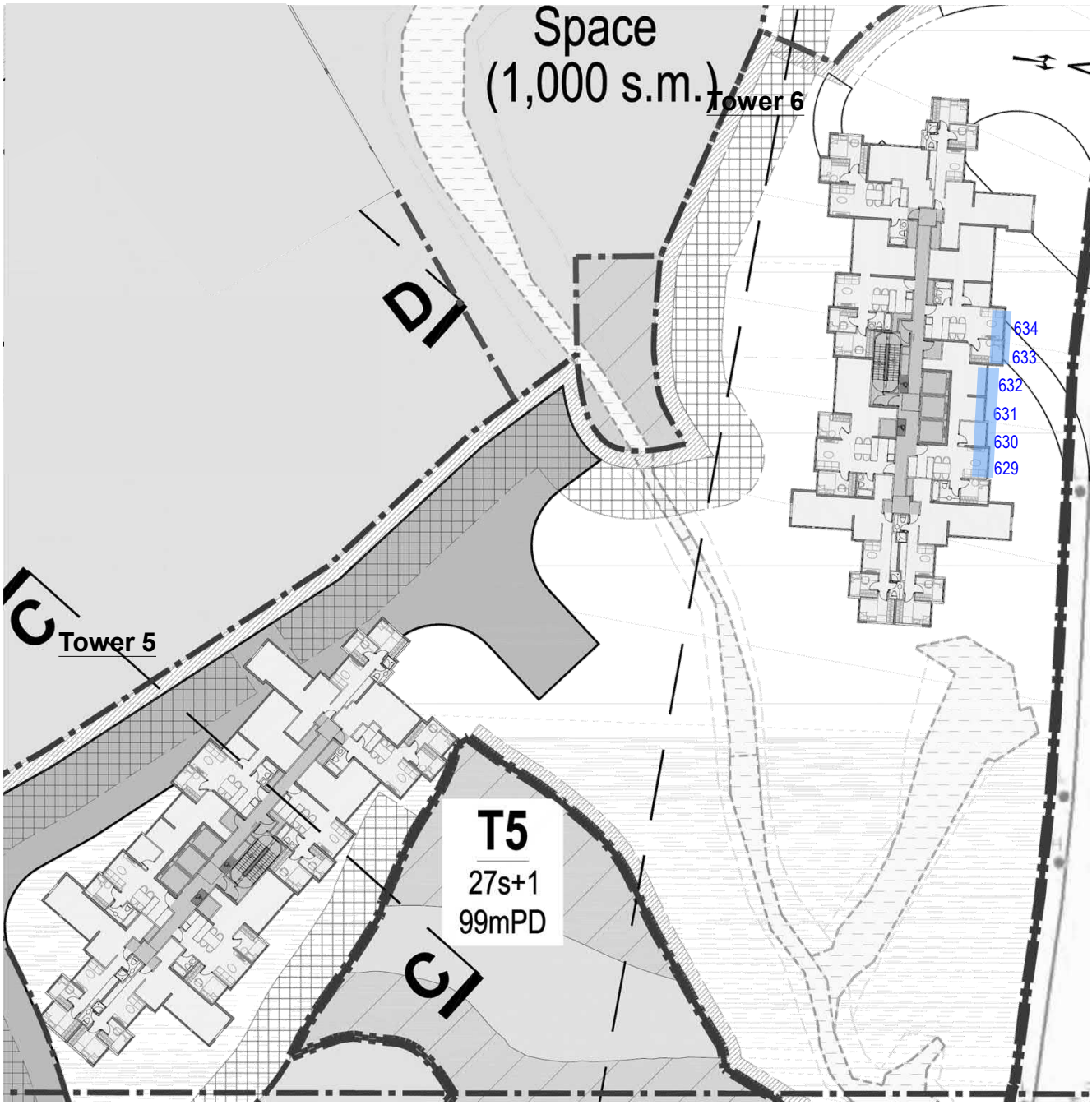
3



Legend

The Development Site

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Computer Plot of Road Scheme**	**4**

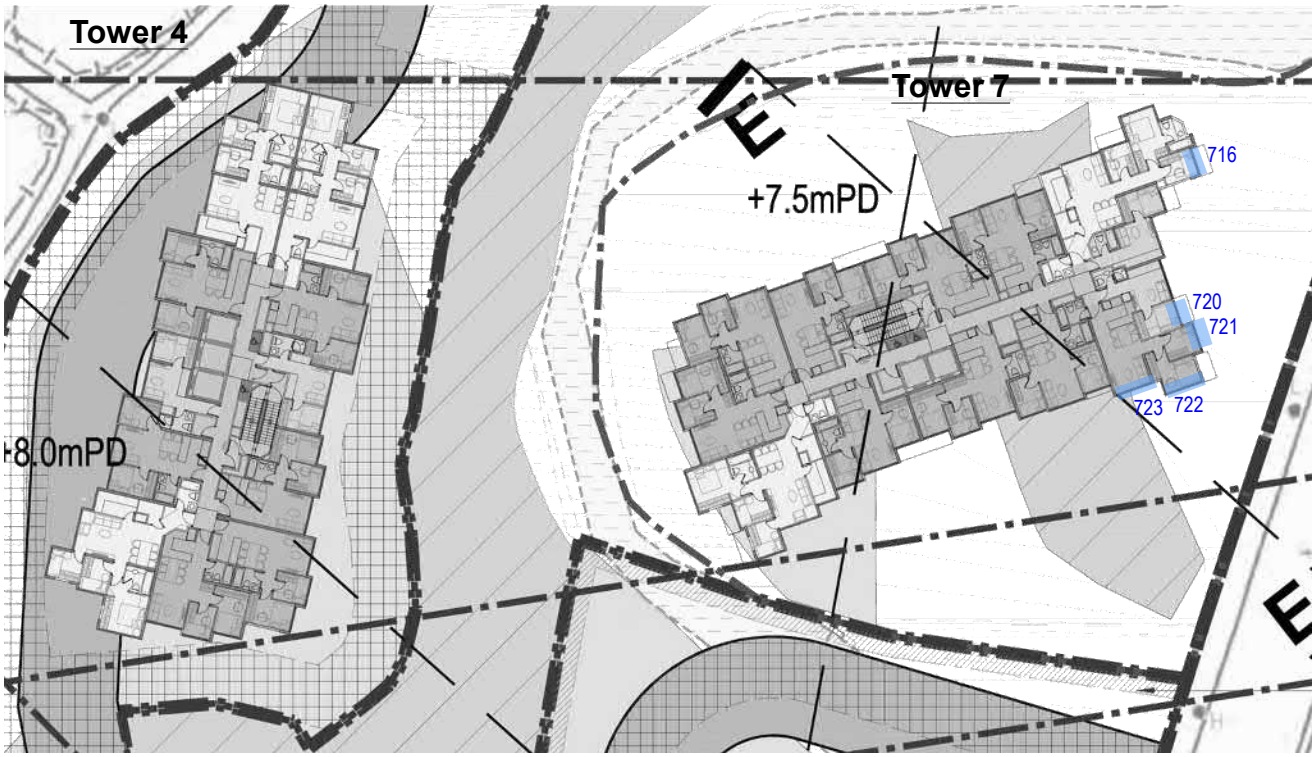


Legend

Acoustic Window (Baffle Type)

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Location of Noise Mitigation Measures (Tower 5 and Tower 6)**	**5a**

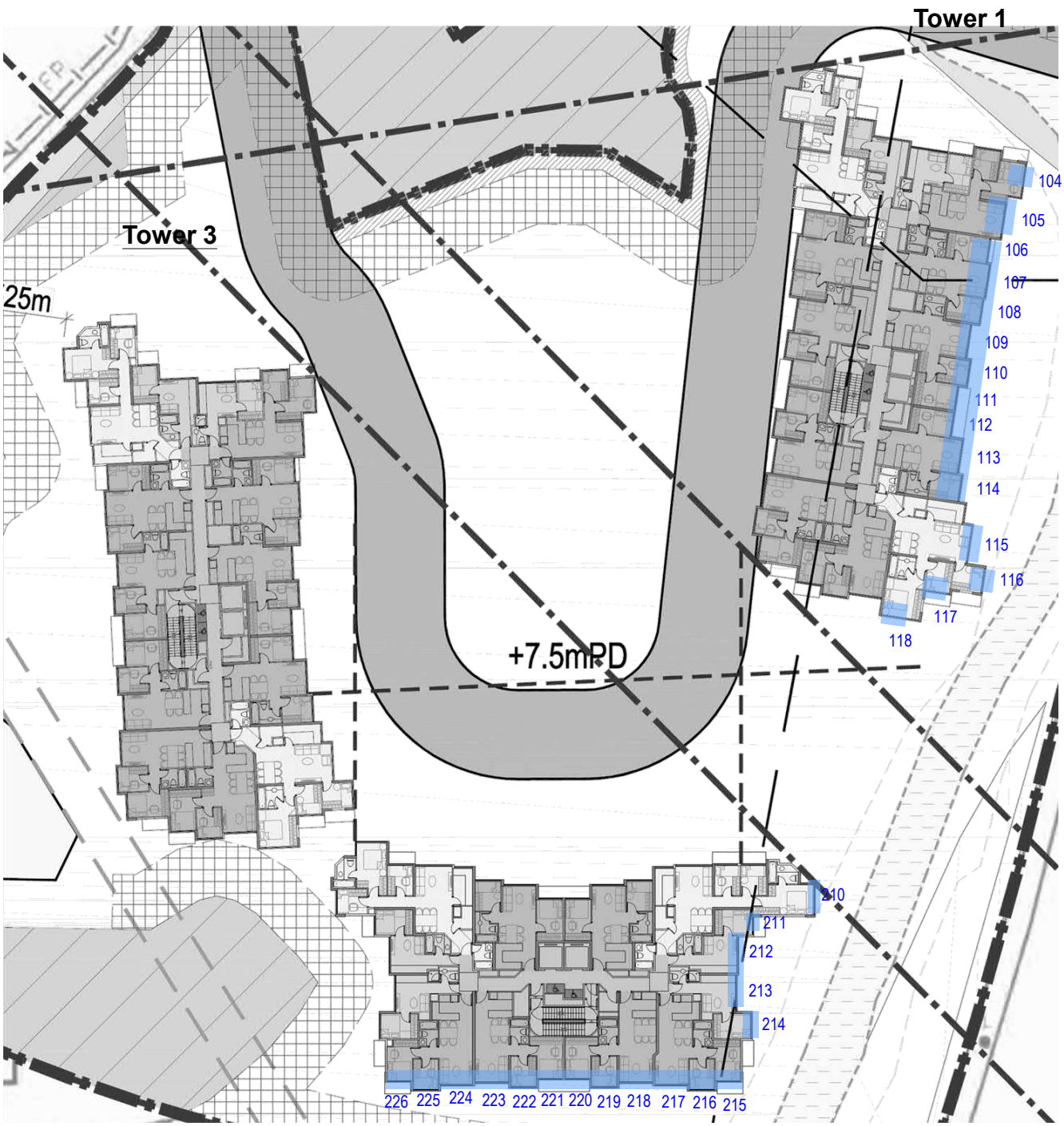
N



Legend

Acoustic Window (Baffle Type)

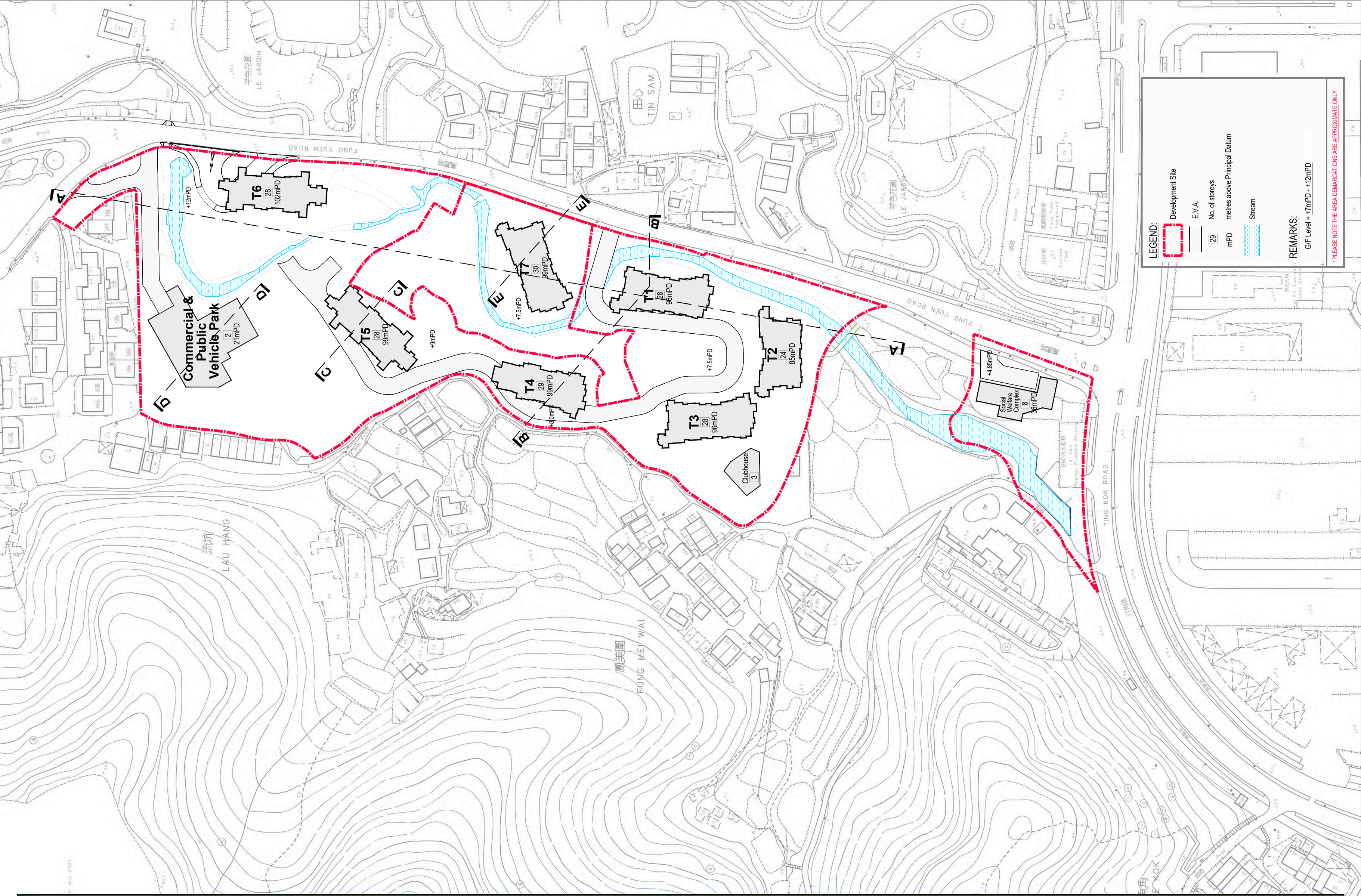
Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Location of Noise Mitigation Measures (Tower 4 and Tower 7)**	**5b**



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Location of Noise Mitigation Measures (Tower 1 – Tower 3)**	**5c**

APPENDIX 1

ARCHITECTURAL DRAWINGS



REZONING APPLICATION
AT FUNG YUEN ROAD,
TAI PO, N.T.

Indicative Layout Plan

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10/09/2025
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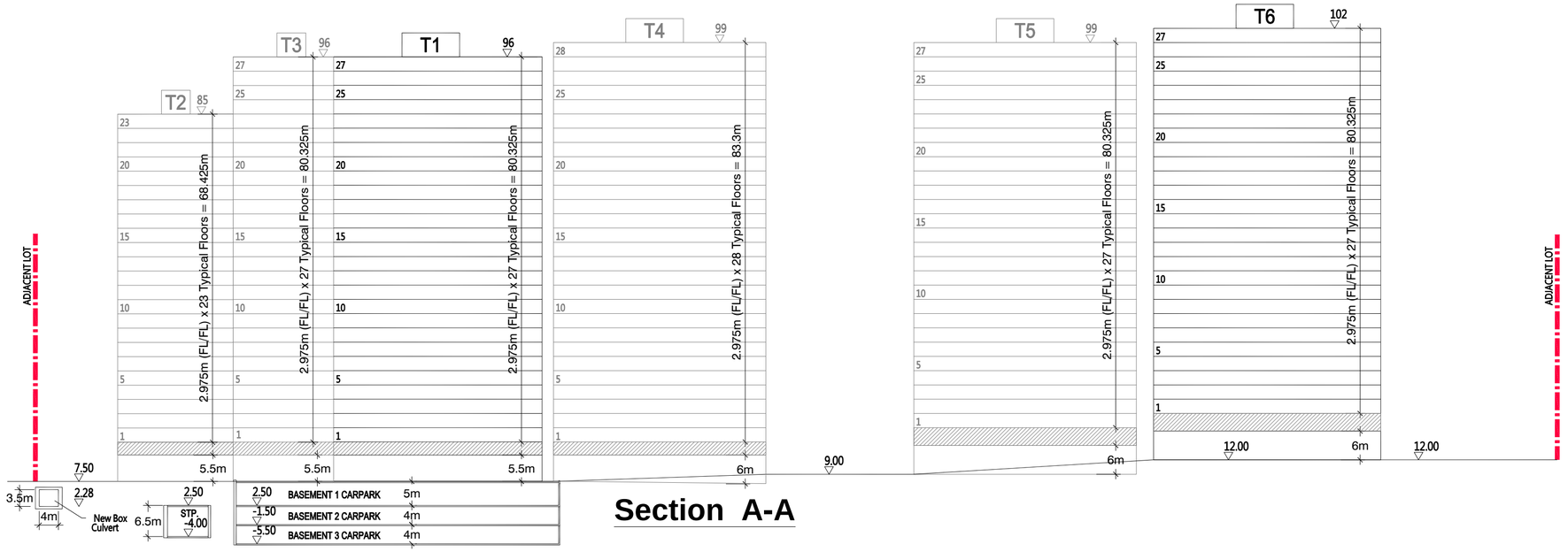
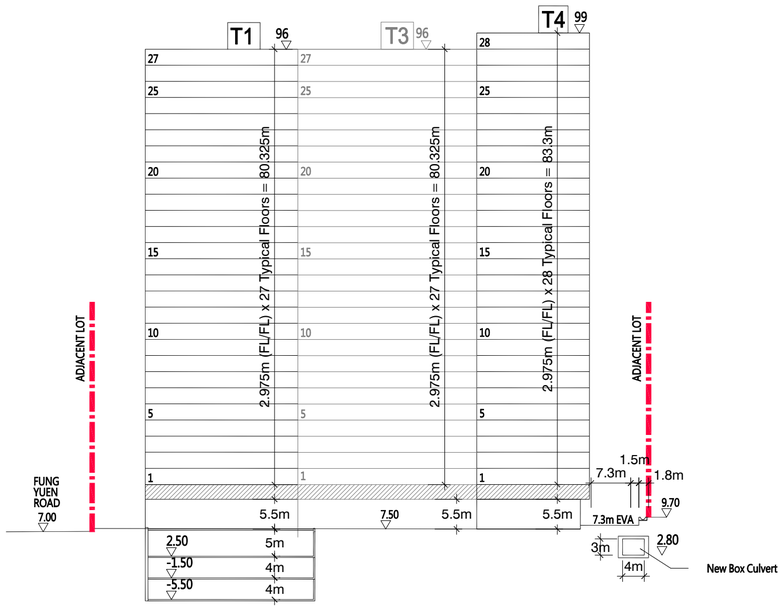
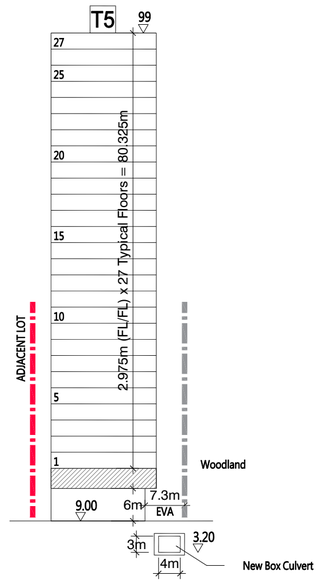


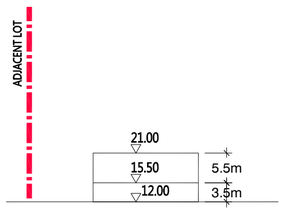
Section A-A



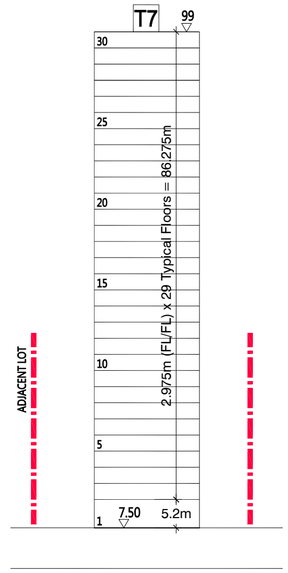
Section B-B



Section C-C



Section D-D



Section E-E

REZONING APPLICATION
AT FUNG YUEN ROAD,
TAI PO, N.T.

Diagrammatical Section Plan

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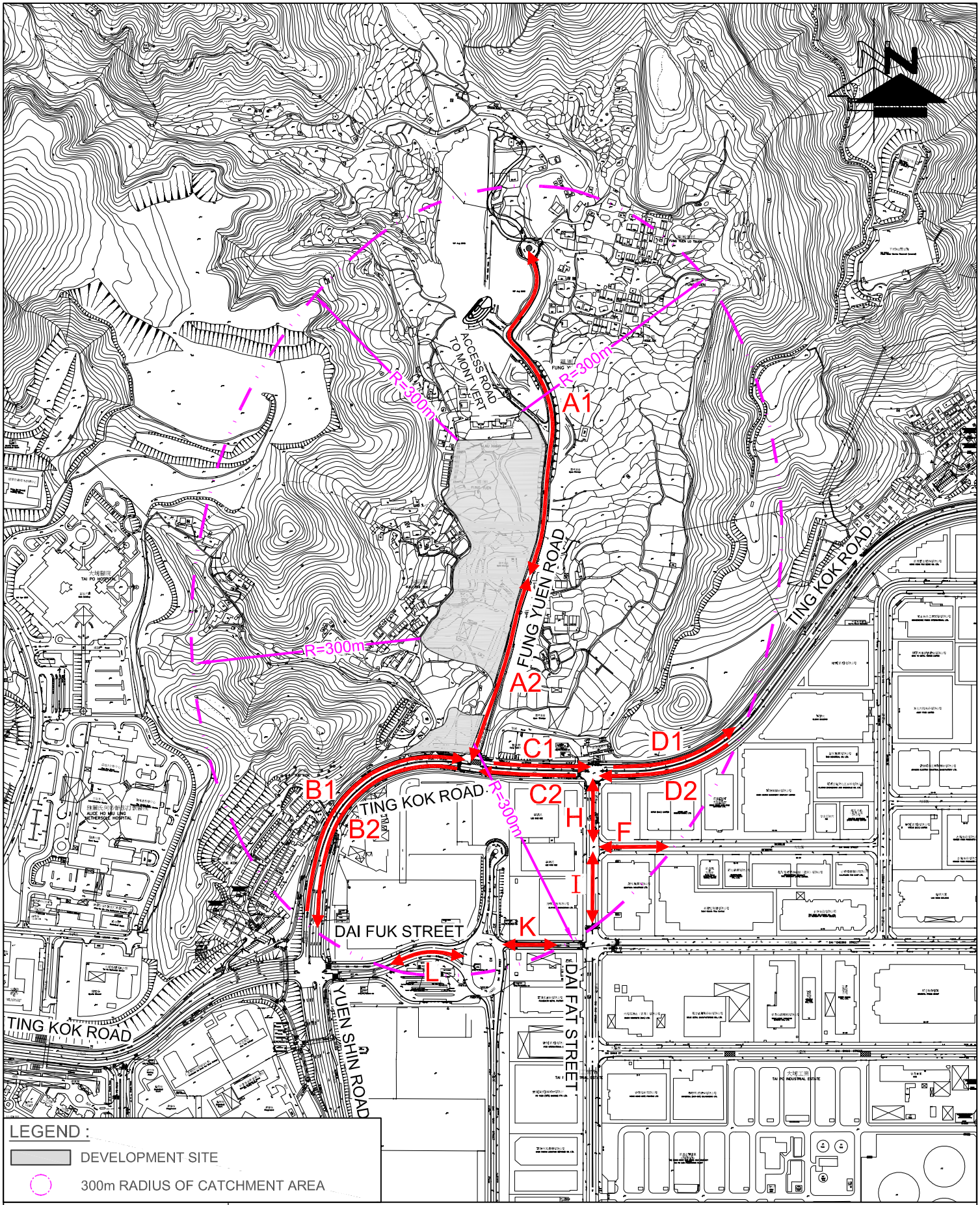
APPENDIX 2

YEAR 2045 TRAFFIC FORECAST
(provided by CTA CONSULTANTS LTD.)
AND
CONFIRMATION FROM HYD



LEGEND :

DEVELOPMENT SITE

300m RADIUS OF CATCHMENT AREA

FIGURE NO.: 1	PROJECT TITLE: Rezoning Application at Fung Yuen Road, Tai Po
PROJECT NO.: 25022HK	DRAWING TITLE: INDEX PLAN FOR TNIA (300m)
SCALE: 1 : 6500 @A4	DATE: 15 APR 2025

CTA Consultants Limited
志達顧問有限公司

25022HK

Rezoning Application at Fung Yuen Road, Tai Po

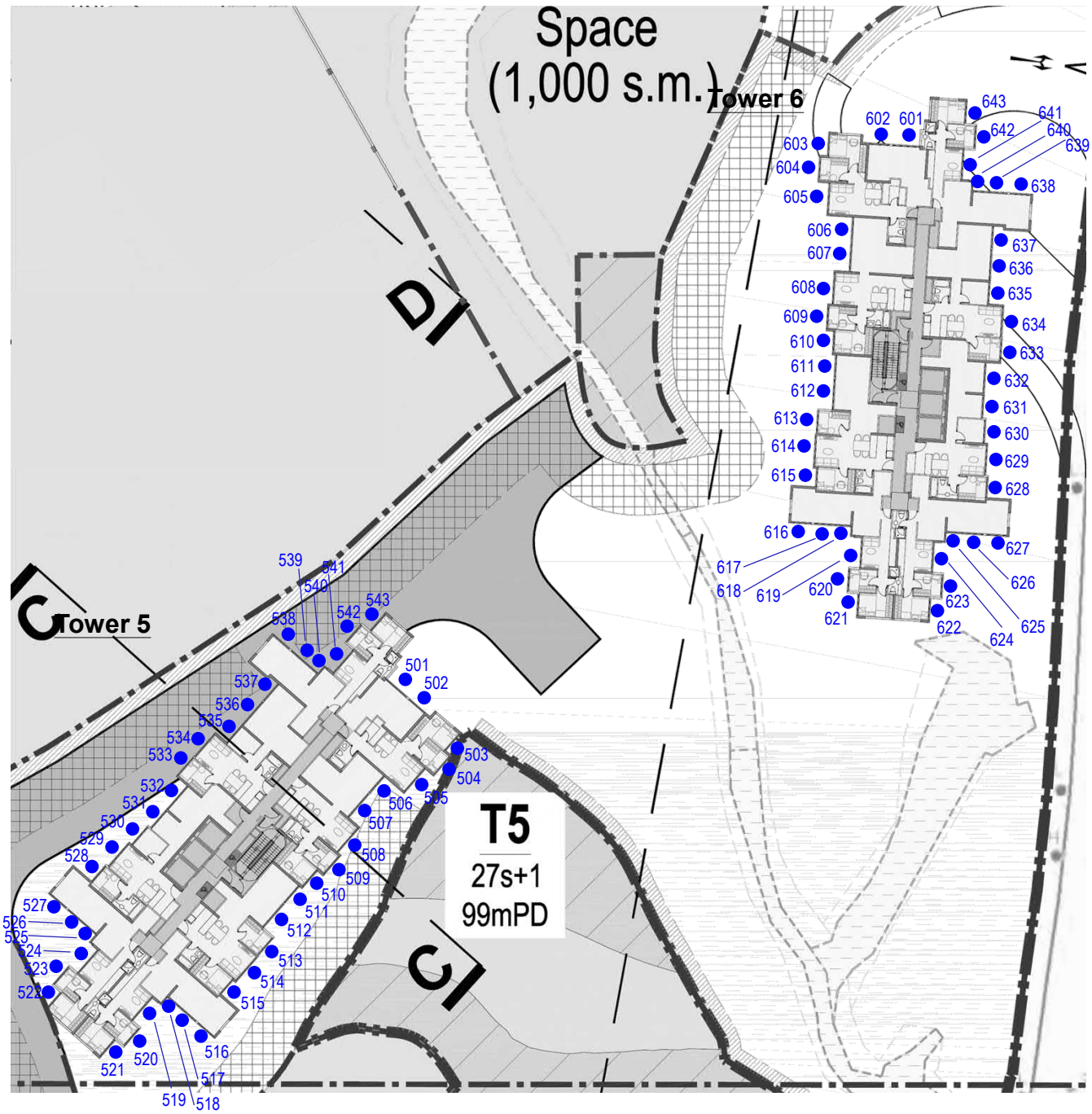
TRAFFIC FORECAST FOR TRAFFIC NOISE IMPACT ASSESSMENT

CTA Consultants Limited 志達顧問有限公司

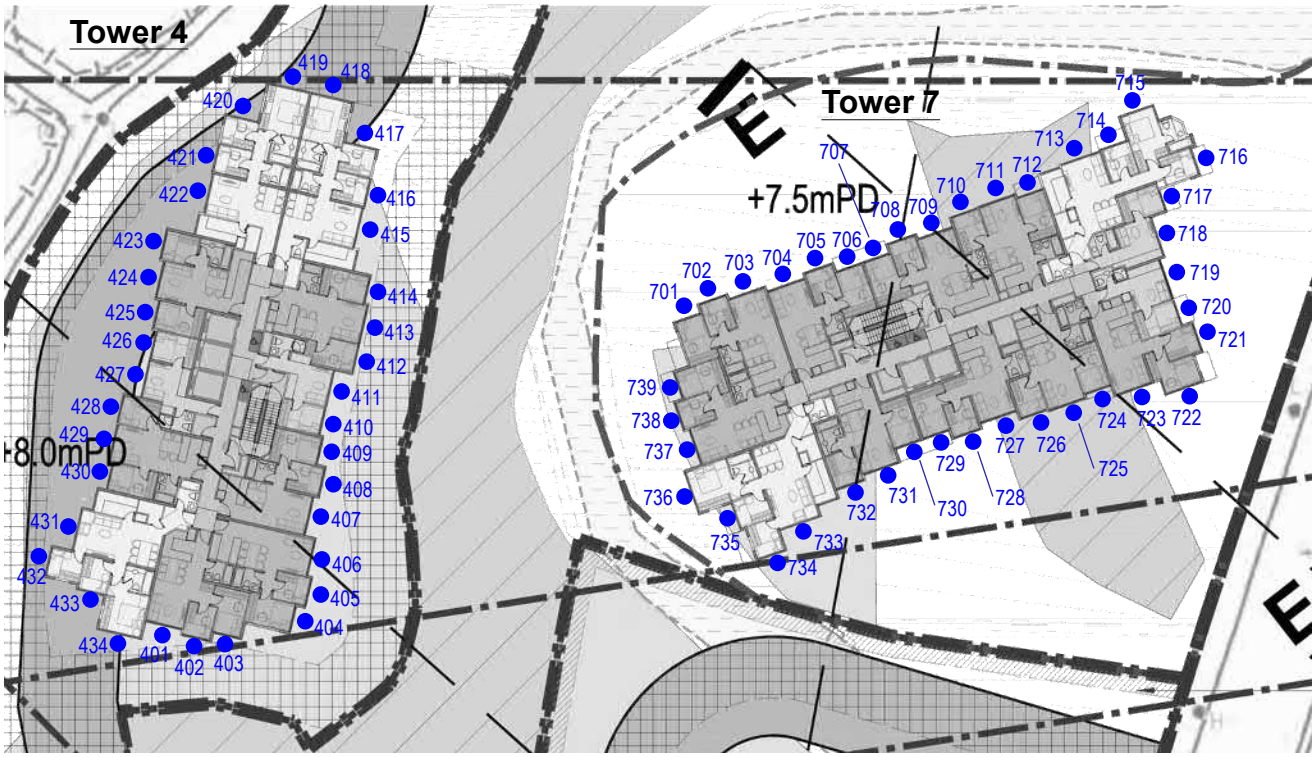
Link No.	Road Name	Speed	1-way / 2-way	Year 2045			
				AM Peak		PM Peak	
				Traffic Flow (veh/hr)	HV%	Traffic Flow (veh/hr)	HV%
A1	Fung Yuen Road	50	2-way	280	30%	290	26%
A2	Fung Yuen Road	50	2-way	580	23%	550	19%
B1	Ting Kok Road	70	1-way	1500	28%	1510	20%
B2	Ting Kok Road	70	1-way	1780	23%	1370	22%
C1	Ting Kok Road	70	1-way	1420	29%	1370	20%
C2	Ting Kok Road	70	1-way	1610	24%	1260	21%
D1	Ting Kok Road	70	1-way	1120	26%	1220	17%
D2	Ting Kok Road	70	1-way	1370	22%	1020	18%
F	Dai Wang Street	50	2-way	330	45%	170	30%
H	Dai Fai Street	50	2-way	440	45%	310	53%
I	Dai Fat Street	50	2-way	310	60%	250	54%
K	Dai Hung Street	50	1-way	210	43%	240	23%
L	Dai Fuk Street	50	2-way	490	43%	480	29%

APPENDIX 3

PREDICTED FAÇADE NOISE LEVELS FOR ROAD TRAFFIC NOISE
(BASE SCENARIO)



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Location of Assessment Point**	**A3-1**



Westwood Hong & Associates Ltd	TITLE:	FIGURE
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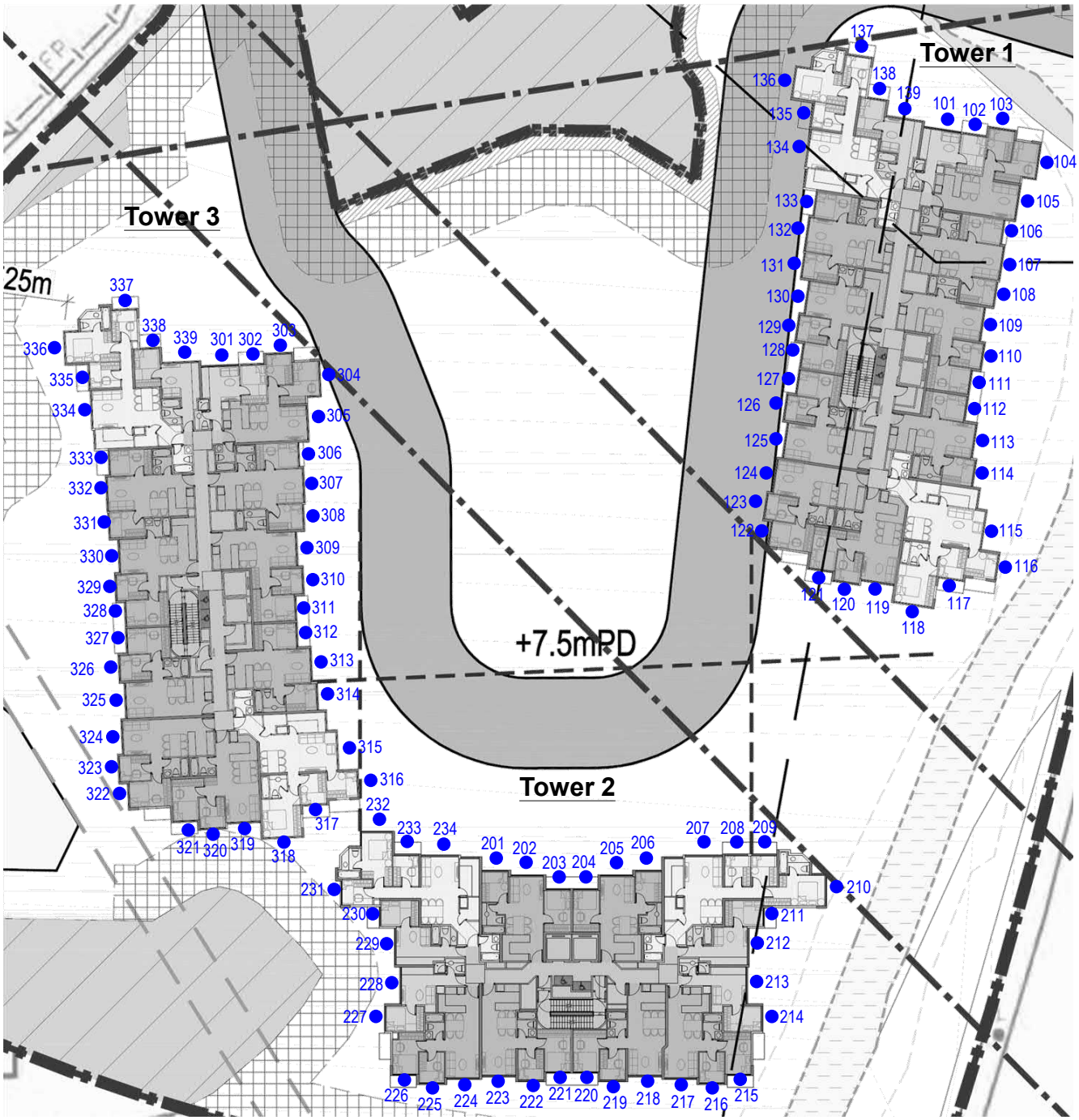

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Location of Assessment Point**	**A3-3**

Job No. : 22608
Job Title : Fung Yuen
Scenario : 2045 Traffic Forecast, AM Peak, Unmitigated

| Floor | mPD Level of Noise Assessment | Receiver | Tower 1 | | |

Floor	mPD Level of Noise Assessment	Tower 2																															
		201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234
1	17.8	60.5	60.6	60.2	59.9	61.2	62.0	64.4	65.4	66.4	73.0	71.2	71.0	71.2	72.8	73.0	72.8	72.2	72.0	71.9	71.7	71.6	71.6	71.4	71.2	71.2	71.0	67.3	63.9	64.6	65.1	66.4	59.4	59.6	60.1
2	20.8	60.5	60.6	60.1	59.8	61.1	61.9	64.2	65.2	66.2	72.8	71.1	70.8	71.0	72.6	72.9	72.7	72.2	72.0	71.9	71.7	71.6	71.6	71.5	71.4	71.3	71.2	67.6	64.6	65.2	65.6	66.8	59.4	59.6	60.1
3	23.8	60.4	60.5	60.0	59.7	61.0	61.8	64.1	65.1	66.0	72.6	71.0	70.7	70.9	72.4	72.9	72.6	72.2	72.0	71.9	71.7	71.6	71.7	71.5	71.4	71.4	71.3	67.9	65.1	65.6	65.9	67.2	59.3	59.5	60.0
4	26.7	60.3	60.4	59.9	59.6	60.8	61.6	63.9	64.9	65.8	72.4	70.9	70.5	70.7	72.3	72.7	72.5	72.1	71.9	71.9	71.7	71.7	71.7	71.6	71.5	71.4	71.3	68.1	65.5	65.9	66.3	67.4	59.2	59.4	59.9
5	29.7	60.2	60.3	59.8	59.5	60.7	61.5	63.7	64.7	65.6	72.1	70.7	70.4	70.5	72.1	72.6	72.5	72.0	71.9	71.9	71.7	71.6	71.7	71.5	71.5	71.5	71.3	68.2	65.7	66.2	66.5	67.6	59.2	59.4	59.8
6	32.7	60.1	60.1	59.6	59.4	60.5	61.3	63.5	64.5	65.3	71.9	70.5	70.3	70.4	71.9	72.5	72.3	72.0	71.8	71.8	71.6	71.6	71.6	71.5	71.5	71.4	71.3	68.2	65.8	66.3	66.6	67.7	59.1	59.3	59.7
7	35.7	59.9	60.0	59.5	59.2	60.4	61.2	63.3	64.2	65.1	71.8	70.4	70.1	70.2	71.7	72.4	72.3	71.9	71.8	71.8	71.6	71.5	71.6	71.5	71.4	71.4	71.3	68.2	65.9	66.3	66.6	67.7	59.0	59.2	59.6
8	38.6	59.8	59.9	59.4	59.1	60.2	61.0	63.1	64.0	64.9	71.6	70.3	70.0	70.0	71.6	72.3	72.2	71.8	71.7	71.7	71.6	71.5	71.5	71.5	71.4	71.4	71.3	68.2	65.8	66.4	66.7	67.8	58.9	59.2	59.5
9	41.6	59.7	59.8	59.2	58.9	60.1	60.8	63.0	63.8	64.6	71.4	70.2	69.9	69.9	71.5	72.2	72.1	71.7	71.6	71.6	71.5	71.5	71.5	71.4	71.4	71.4	71.3	68.2	65.8	66.4	66.7	67.7	58.8	59.1	59.4
10	44.6	59.6	59.6	59.1	58.8	59.9	60.6	62.8	63.6	64.4	71.3	70.1	69.8	69.8	71.3	72.1	72.0	71.7	71.6	71.6	71.4	71.4	71.5	71.4	71.3	71.3	71.2	68.2	65.8	66.3	66.6	67.7	58.7	59.0	59.3
11	47.6	59.4	59.5	58.9	58.6	59.7	60.5	62.6	63.4	64.2	71.2	70.0	69.7	69.7	71.2	72.0	71.9	71.6	71.5	71.5	71.4	71.4	71.4	71.3	71.3	71.3	71.2	68.1	65.8	66.3	66.6	67.7	58.6	58.8	59.2
12	50.5	59.4	59.3	58.8	58.5	59.6	60.3	62.4	63.2	64.0	71.0	69.9	69.6	69.6	71.1	71.9	71.8	71.6	71.5	71.5	71.3	71.3	71.3	71.3	71.2	71.2	71.1	68.1	65.7	66.3	66.6	67.7	58.5	58.7	59.1
13	53.5	59.2	59.2	58.6	58.3	59.4	60.1	62.2	63.0	63.7	70.9	69.8	69.5	69.4	71.0	71.8	71.7	71.5	71.4	71.4	71.3	71.3	71.3	71.2	71.2	71.2	71.1	68.1	65.7	66.2	66.6	67.6	58.4	58.6	58.9
14	56.5	59.1	59.1	58.5	58.1	59.3	59.9	62.0	62.8	63.5	70.8	69.7	69.4	69.3	70.9	71.8	71.7	71.4	71.3	71.3	71.2	71.2	71.3	71.2	71.2	71.2	71.1	68.0	65.6	66.2	66.5	67.6	58.3	58.5	58.8
15	59.5	59.0	58.9	58.3	58.0	59.1	59.8	61.8	62.6	63.3	70.7	69.6	69.3	69.2	70.8	71.7	71.6	71.3	71.3	71.3	71.2	71.1	71.2	71.1	71.1	71.1	71.0	68.0	65.6	66.2	66.5	67.6	58.2	58.4	58.7
16	62.4	58.8	58.8	58.2	57.8	58.9	59.6	61.7	62.4	63.2	70.6	69.5	69.2	69.1	70.7	71.6	71.5	71.3	71.2	71.2	71.1	71.1	71.1	71.1	71.1	71.1	71.0	67.9	65.6	66.1	66.4	67.5	58.1	58.3	58.6
17	65.4	58.7	58.6	58.0	57.7	58.8	59.5	61.5	62.2	63.0	70.5	69.5	69.1	69.0	70.6	71.5	71.5	71.2	71.2	71.2	71.1	71.0	71.1	71.0	71.0	71.0	70.9	67.9	65.5	66.1	66.4	67.5	58.0	58.1	58.4
18	68.4	58.6	58.6	57.9	57.6	58.6	59.3	61.3	62.0	62.8	70.4	69.4	69.0	69.0	70.5	71.5	71.4	71.2	71.1	71.1	71.0	71.0	71.0	71.0	71.0	71.0	70.9	67.8	65.5	66.0	66.4	67.4	57.9	58.0	58.3
19	71.4	58.4	58.4	57.8	57.4	58.5	59.2	61.2	61.9	62.6	70.3	69.3	69.0	68.9	70.4	71.4	71.3	71.1	71.0	71.1	71.0	70.9	71.0	70.9	70.9	70.9	70.8	67.8	65.4	66.0	66.3	67.4	57.8	57.9	58.2
20	74.3	58.3	58.3	57.6	57.3	58.3	59.0	61.0	61.7	62.5	70.2	69.2	68.9	68.8	70.3	71.3	71.3	71.0	71.0	71.0	70.9	70.9	70.9	70.9	70.9	70.8	70.8	67.7	65.4	65.9	66.3	67.3	57.7	57.8	58.1
21	77.3	58.2	58.2	57.5	57.1	58.2	58.9	60.9	61.5	62.3	70.1	69.2	68.8	68.7	70.3	71.3	71.2	71.0	70.9	70.9	70.8	70.8	70.9	70.8	70.8	70.8	70.7	67.7	65.3	65.9	66.2	67.3	57.5	57.7	58.0
22	80.3	58.1	58.0	57.4	57.0	58.1	58.7	60.7	61.4	62.1	70.1	69.1	68.7	68.6	70.2	71.2	71.1	70.9	70.9	70.9	70.8	70.8	70.8	70.8	70.7	70.7	70.7	67.6	65.3	65.9	66.2	67.3	57.4	57.6	57.9
23	83.3	57.9	57.9	57.2	56.9	57.9	58.6	60.6	61.2	62.0	70.0	69.0	68.7	68.5	70.1	71.1	71.1	70.9	70.8	70.8	70.7	70.7	70.8	70.7	70.7	70.7	70.6	67.6	65.2	65.8	66.2	67.2	57.3	57.4	57.8
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Floor	mPD Level of Noise Assessment	Tower 3																																							
		301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339
1	**16.9**	51.4	51.1	51.4	59.7	59.1	58.9	58.9	59.1	59.0	59.1	58.9	59.0	59.2	59.3	59.5	62.4	66.2	66.9	67.3	67.8	68.0	68.1	66.4	64.3	64.1	64.0	63.7	63.6	63.5	63.4	63.3	63.1	63.0	62.8	62.6	62.4	52.6	52.5	51.9
2	**19.9**	51.4	51.1	51.4	59.7	59.1	58.8	58.9	59.0	58.9	59.0	58.9	59.0	59.2	59.3	59.4	63.2	66.7	67.3	67.6	68.1	68.2	68.3	66.8	64.9	64.7	64.6	64.3	64.2	64.2	64.0	63.9	63.7	63.6	63.4	63.2	63.1	52.6	52.5	51.9
3	**22.9**	51.4	51.0	51.4	59.7	59.1	58.8	58.8	59.0	58.9	59.0	58.9	58.9	59.1	59.2	59.4	63.7	67.0	67.5	67.9	68.3	68.4	68.5	67.1	65.3	65.1	65.0	64.7	64.6	64.6	64.5	64.3	64.2	64.1	63.9	63.7	63.5	52.6	52.5	51.9
4	**25.8**	51.4	51.0	51.3	59.7	59.1	58.9	58.9	59.0	58.9	58.9	58.8	58.9	59.1	59.2	59.3	64.1	67.2	67.7	68.1	68.5	68.6	68.7	67.3	65.6	65.4	65.3	65.1	65.0	64.9	64.8	64.7	64.5	64.4	64.2	64.1	63.9	52.5	52.5	51.8
5	**28.8**	51.3	51.0	51.3	59.7	59.1	58.8	58.9	59.0	58.8	58.9	58.8	58.8	59.0	59.1	59.3	64.4	67.4	67.9	68.2	68.6	68.8	68.8	67.5	65.9	65.7	65.6	65.3	65.2	65.2	65.1	65.0	64.8	64.7	64.5	64.4	64.2	52.5	52.4	51.8
6	**31.8**	51.3	50.9	51.2	59.7	59.1	58.9	58.9	58.9	58.8	58.8	58.7	58.8	59.0	59.0	59.2	64.6	67.5	68.0	68.4	68.8	68.9	68.9	67.6	66.1	65.9	65.8	65.6	65.5	65.4	65.3	65.2	65.1	64.9	64.7	64.6	64.4	52.5	52.4	51.7
7	**34.8**	51.2	50.8	51.2	59.7	59.2	58.9	58.9	59.0	58.8	58.8	58.7	58.7	58.9	59.0	59.1	64.7	67.6	68.1	68.4	68.8	69.0	69.0	67.7	66.3	66.1	66.0	65.8	65.7	65.7	65.5	65.4	65.3	65.2	64.9	64.8	64.7	52.4	52.4	51.7
8	**37.7**	51.2	50.8	51.2	59.7	59.2	58.9	58.9	58.9	58.7	58.7	58.6	58.7	58.8	58.9	59.0	64.8	67.6	68.1	68.5	68.9	69.0	69.1	67.8	66.4	66.3	66.2	65.9	65.8	65.8	65.7	65.6	65.5	65.4	65.1	65.0	64.9	52.4	52.3	51.7
9	**40.7**	51.1	50.7	51.1	59.8	59.2	59.0	58.9	58.9	58.6	58.6	58.5	58.6	58.7	58.8	58.9	64.8	67.6	68.1	68.5	68.9	69.0	69.1	67.9	66.5	66.4	66.2	66.0	65.9	65.9	65.8	65.7	65.6	65.5	65.3	65.2	65.1	52.4	52.2	51.6
10	**43.7**	51.0	50.6	51.0	59.8	59.3	59.0	59.0	59.0	58.7	58.6	58.4	58.5	58.7	58.7	58.9	64.8	67.6	68.1	68.4	68.8	69.0	69.1	67.9	66.5	66.4	66.3	66.1	66.0	66.0	65.9	65.8	65.7	65.6	65.4	65.3	65.2	52.3	52.2	51.6
11	**46.7**	51.0	50.6	51.0	59.9	59.4	59.1	59.0	59.0	58.6	58.5	58.3	58.4	58.6	58.6	58.8	64.7	67.6	68.1	68.4	68.8	69.0	69.1	67.9	66.5	66.4	66.3	66.1	66.0	66.0	65.9	65.8	65.7	65.6	65.5	65.3	65.3	52.2	52.1	51.5
12	**49.6**	51.0	50.5	50.9	59.9	59.4	59.1	59.1	59.0	58.6	58.5	58.3	58.4	58.5	58.5	58.7	64.7	67.5	68.0	68.4	68.8	68.9	69.0	67.8	66.5	66.4	66.3	66.1	66.0	66.0	65.9	65.8	65.7	65.7	65.5	65.4	65.3	52.2	52.1	51.5
13	**52.6**	50.9	50.5	50.9	60.0	59.5	59.2	59.1	58.9	58.5	58.4	58.2	58.3	58.4	58.4	58.6	64.6	67.5	68.0	68.4	68.8	68.9	69.0	67.8	66.5	66.3	66.3	66.1	66.0	66.0	65.9	65.8	65.7	65.7	65.5	65.4	65.3	52.2	52.0	51.4
14	**55.6**	50.8	50.4	50.8	60.1	59.6	59.3	59.1	58.9	58.4	58.3	58.1	58.2	58.3	58.3	58.5	64.6	67.5	68.0	68.3	68.7	68.9	69.0	67.8	66.4	66.3	66.2	66.1	66.0	66.0	65.9	65.8	65.7	65.7	65.5	65.4	65.3	52.1	52.0	51.3
15	**58.6**	50.8	50.3	50.7	60.1	59.7	59.3	59.1	58.9	58.4	58.2	58.0	58.1	58.2	58.2	58.3	64.5	67.4	67.9	68.3	68.7	68.8	69.0	67.8	66.4	66.3	66.2	66.0	66.0	66.0	65.9	65.8	65.7	65.6	65.5	65.4	65.3	52.0	51.9	51.2
16	**61.5**	50.7	50.3	50.6	60.2	59.7	59.3	59.2	58.9	58.4	58.2	57.9	58.0	58.1	58.1	58.2	64.4	67.4	67.9	68.3	68.7	68.8	68.9	67.7	66.4	66.3	66.2	66.0	65.9	65.9	65.9	65.8	65.7	65.6	65.5	65.4	65.3	52.0	51.9	51.2
17	**64.5**	50.6	50.2	50.6	60.2	59.7	59.4	59.2	59.0	58.4	58.1	57.8	57.9	58.0	58.0	58.1	64.4	67.3	67.9	68.2	68.6	68.8	68.9	67.7	66.3	66.2	66.1	66.0	65.9	65.9	65.8	65.8	65.6	65.6	65.5	65.4	65.3	51.9	51.8	51.1
18	**67.5**	50.5	50.1	50.5	60.3	59.8	59.4	59.1	59.0	58.3	58.0	57.7	57.8	57.9	57.9	58.0	64.3	67.3	67.8	68.2	68.6	68.7	68.8	67.6	66.3	66.2	66.1	65.9	65.8	65.9	65.8	65.7	65.6	65.5	65.4	65.3	65.3	51.8	51.7	51.1
19	**70.5**	50.4	50.0	50.4	60.2	59.8	59.4	59.1	58.9	58.3	57.9	57.7	57.7	57.8	57.8	57.9	64.2	67.2	67.8	68.1	68.5	68.7	68.8	67.6	66.2	66.1	66.1	65.9	65.8	65.8	65.7	65.6	65.6	65.5	65.4	65.3	65.2	51.7	51.7	51.0
20	**73.4**	50.4	50.0	50.4	60.3	59.8	59.4	59.1	58.9	58.3	57.9	57.6	57.6	57.8	57.8	57.9	64.2	67.2	67.8	68.1	68.5	68.6	68.8	67.6	66.2	66.1	66.0	65.8	65.8	65.8	65.7	65.6	65.5	65.5	65.3	65.3	65.2	51.7	51.6	50.9
21	**76.4**	50.3	49.9	50.3	60.2	59.8	59.4	59.2	58.9	58.2	57.8	57.5	57.5	57.7	57.7	57.8	64.1	67.1	67.7	68.1	68.5	68.6	68.7	67.5	66.2	66.0	66.0	65.8	65.7	65.7	65.6	65.6	65.5	65.5	65.3	65.2	65.2	51.6	51.6	50.9
22	**79.4**	50.3	49.8	50.2	60.3	59.8	59.4	59.2	58.8	58.2	57.8	57.4	57.5	57.6	57.6	57.7	64.1	67.1	67.7	68.0	68.4	68.6	68.7	67.5	66.1	66.0	65.9	65.8	65.7	65.7	65.6	65.6	65.5	65.4	65.3	65.2	65.1	51.6	51.5	50.8
23	**82.4**	50.2	49.7	50.1	60.3	59.8	59.4	59.2	58.8	58.2	57.8	57.4	57.4	57.6	57.6	57.7	64.1	67.1	67.6	68.0	68.4	68.5	68.6	67.4	66.1	65.9	65.9	65.7	65.7	65.7	65.6	65.5	65.4	65.4	65.2	65.2	65.1	51.5	51.4	50.7
24	**85.3**	50.1	49.7	50.1	60.3	59.8	59.4	59.2	58.8	58.2	57.8	57.4	57.4	57.6	57.6	57.7	64.2	67.1	67.6	68.0	68.3	68.5	68.6	67.4	66.0	65.9	65.9	65.7	65.6	65.6	65.5	65.5	65.4	65.3	65.2	65.1	65.1	51.4	51.3	50.6
25	**88.3**	50.0	49.6	50.0	60.3	59.9	59.5	59.2	58.9	58.2	57.8	57.5	57.6	57.7	57.7	57.9	64.8	67.1	67.6	68.0	68.3	68.5	68.6	67.4	66.0	65.9	65.8	65.6	65.5	65.6	65.5	65.4	65.3	65.3	65.2	65.1	65.0	51.4	51.3	50.5
26	**91.3**	49.9	49.5	49.9	60.3	59.9	59.5	59.2	58.9	58.3	58.0	57.7	57.8	58.0	58.1	58.4	66.1	67.3	67.8	68.0	68.4	68.5	68.5	67.3	65.9	65.8	65.8	65.6	65.5	65.5	65.5	65.4	65.3	65.2	65.1	65.0	65.0	51.3	51.2	50.5
27	**94.3**	49.8	49.4	49.8	60.4	60.0	59.6	59.4	59.1	58.7	58.5	58.2	58.4	58.8	59.2	59.7	66.8	67.7	68.2	68.3	68.6	68.6	68.5	67.3	65.9	65.8	65.7	65.5	65.5	65.5	65.4	65.3	65.3	65.2	65.1	65.0	64.9	51.2	51.1	50.5
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Floor	mPD Level of Noise Assessment	Tower 4																																
		401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434
1	16.9	59.4	60.5	60.5	61.2	61.1	61.1	61.0	60.9	60.9	60.6	60.4	60.3	60.0	59.8	59.5	59.2	58.4	58.0	57.7	24.9	20.6	17.3	56.0	56.2	56.0	51.4	49.0	55.6	51.6	28.2	57.0	57.1	53.5	59.8
2	19.9	59.4	60.5	60.5	61.2	61.1	61.1	61.0	60.9	60.8	60.6	60.4	60.2	60.0	59.8	59.5	59.2	58.3	58.0	57.7	24.8	20.6	17.3	56.9	57.0	56.9	53.0	51.0	56.6	53.2	29.0	57.9	58.0	55.0	59.8
3	22.9	59.3	60.5	60.5	61.2	61.1	61.1	60.9	60.8	60.8	60.6	60.3	60.2	60.0	59.8	59.4	59.2	58.3	58.0	57.7	24.8	20.6	17.3	57.5	57.7	57.6	54.1	52.2	57.3	54.3	29.9	58.6	58.7	55.9	59.8
4	25.8	59.3	60.5	60.4	61.1	61.1	61.0	60.9	60.8	60.8	60.6	60.3	60.2	60.0	59.7	59.4	59.2	58.3	58.0	57.6	24.8	20.6	17.3	57.9	58.1	58.0	54.8	53.0	57.8	55.0	30.9	59.0	59.1	56.6	59.8
5	28.8	59.3	60.5	60.4	61.1	61.0	61.0	60.9	60.8	60.7	60.5	60.3	60.1	59.9	59.7	59.4	59.1	58.2	57.9	57.6	24.8	20.6	17.3	58.2	58.4	58.3	55.2	53.5	58.1	55.4	31.9	59.4	59.5	56.9	59.8
6	31.8	59.2	60.4	60.3	61.0	61.0	60.9	60.9	60.7	60.7	60.5	60.2	60.1	59.9	59.6	59.3	59.1	58.2	57.9	57.6	24.8	20.6	17.3	58.6	58.8	58.6	55.5	53.9	58.4	55.7	33.1	59.6	59.7	57.1	59.8
7	34.8	59.2	60.4	60.3	61.0	60.9	60.9	60.8	60.7	60.6	60.5	60.2	60.0	59.8	59.6	59.3	59.1	58.2	57.9	57.5	24.8	20.6	17.3	58.9	59.1	58.9	55.9	54.3	58.6	56.0	34.1	59.9	60.0	57.5	59.7
8	37.7	59.2	60.4	60.3	60.9	60.9	60.9	60.8	60.6	60.6	60.4	60.1	60.0	59.8	59.5	59.3	59.0	58.1	57.8	57.5	24.7	20.5	17.3	59.3	59.4	59.2	56.2	54.6	58.9	56.4	35.6	60.1	60.3	57.8	59.7
9	40.7	59.2	60.4	60.3	60.9	60.9	60.8	60.7	60.6	60.5	60.3	60.1	60.0	59.7	59.5	59.2	59.0	58.1	57.8	57.5	24.7	20.5	17.3	59.5	59.6	59.4	56.5	55.0	59.1	56.6	37.1	60.3	60.5	58.0	59.7
10	43.7	59.1	60.3	60.2	60.9	60.8	60.8	60.7	60.5	60.5	60.3	60.0	59.9	59.6	59.4	59.2	58.9	58.0	57.7	57.4	24.7	20.5	17.3	59.8	59.8	59.6	56.7	55.1	59.2	56.8	39.3	60.4	60.6	58.2	59.7
11	46.7	59.1	60.3	60.2	60.8	60.7	60.7	60.6	60.5	60.4	60.2	60.0	59.8	59.6	59.4	59.1	58.9	58.0	57.7	57.4	24.6	20.5	17.3	59.9	59.9	59.6	56.8	55.3	59.3	56.9	40.9	60.5	60.8	58.4	59.6
12	49.6	59.1	60.2	60.1	60.8	60.7	60.6	60.6	60.4	60.3	60.2	59.9	59.8	59.5	59.3	59.0	58.8	57.9	57.6	57.3	24.6	20.5	17.3	60.0	60.0	59.7	57.0	55.5	59.4	57.1	42.6	60.6	60.9	58.6	59.6
13	52.6	59.1	60.2	60.1	60.7	60.6	60.6	60.5	60.4	60.3	60.1	59.8	59.7	59.5	59.2	59.0	58.7	57.9	57.6	57.3	24.6	20.5	17.3	60.1	60.2	59.8	57.1	55.6	59.5	57.2	43.8	60.7	61.0	58.7	59.6
14	55.6	59.0	60.1	60.0	60.6	60.6	60.5	60.4	60.3	60.2	60.0	59.7	59.6	59.4	59.2	58.9	58.7	57.8	57.5	57.2	24.5	20.5	17.3	60.2	60.2	59.9	57.2	55.7	59.6	57.3	44.6	60.8	61.1	58.7	59.5
15	58.6	59.0	60.1	60.0	60.6	60.5	60.4	60.4	60.2	60.2	60.0	59.7	59.5	59.3	59.1	58.8	58.6	57.7	57.4	57.2	24.5	20.5	17.3	60.3	60.3	59.9	57.3	55.8	59.6	57.4	45.2	60.8	61.1	58.7	59.5
16	61.5	59.0	60.1	60.0	60.5	60.4	60.4	60.3	60.1	60.1	59.9	59.6	59.4	59.2	59.0	58.7	58.6	57.6	57.3	57.1	24.5	20.4	17.2	60.3	60.3	60.0	57.4	55.9	59.6	57.4	45.6	60.8	61.1	58.7	59.5
17	64.5	58.9	60.0	59.9	60.5	60.4	60.3	60.2	60.1	60.0	59.8	59.6	59.4	59.2	58.9	58.7	58.6	57.6	57.3	57.0	24.4	20.4	17.2	60.4	60.3	60.0	57.4	55.9	59.6	57.5	45.9	60.8	61.1	58.7	59.4
18	67.5	58.9	59.9	59.8	60.4	60.3	60.3	60.1	60.0	59.9	59.8	59.5	59.3	59.1	58.9	58.6	58.5	57.5	57.2	57.0	24.4	20.4	17.2	60.4	60.3	60.0	57.4	55.9	59.6	57.4	46.2	60.8	61.1	58.6	59.3
19	70.5	58.9	59.9	59.8	60.3	60.2	60.2	60.1	60.0	59.9	59.7	59.4	59.3	59.0	58.8	58.5	58.4	57.4	57.1	56.9	24.3	20.3	17.2	60.4	60.3	60.0	57.4	55.9	59.6	57.4	46.3	60.8	61.1	58.6	59.3
20	73.4	58.8	59.9	59.7	60.3	60.2	60.1	60.0	59.9	59.8	59.6	59.3	59.2	58.9	58.7	58.5	58.3	57.3	57.0	56.8	24.3	20.3	17.2	60.4	60.3	60.0	57.4	55.9	59.6	57.4	46.4	60.8	61.1	58.5	59.3
21	76.4	58.8	59.8	59.7	60.2	60.1	60.1	60.0	59.8	59.7	59.5	59.2	59.1	58.9	58.6	58.4	58.3	57.3	57.0	56.7	24.1	20.3	17.2	60.4	60.3	60.0	57.4	55.8	59.5	57.4	46.4	60.8	61.1	58.5	59.2
22	79.4	58.7	59.8	59.6	60.1	60.0	60.0	59.9	59.7	59.7	59.5	59.2	59.0	58.8	58.6	58.3	58.2	57.2	56.9	56.7	24.3	20.6	17.9	60.4	60.3	59.9	57.3	55.8	59.5	57.3	46.4	60.7	61.1	58.4	59.2
23	82.4	58.7	59.7	59.6	60.1	60.0	59.9	59.8	59.7	59.6	59.4	59.1	58.9	58.7	58.5	58.2	58.2	57.2	56.8	56.6	24.5	21.1	18.6	60.3	60.3	59.9	57.3	55.7	59.5	57.3	46.4	60.7	61.0	58.4	59.2
24	85.3	58.7	59.7	59.6	60.0	59.9	59.9	59.8	59.6	59.6	59.4	59.1	58.9	58.6	58.4	58.2	58.1	57.1	56.7	56.5	24.8	21.8	19.4	60.3	60.2	59.9	57.3	55.7	59.4	57.3	46.3	60.7	61.0	58.3	59.1
25	88.3	58.7	59.6	59.5	60.0	59.8	59.8	59.7	59.5	59.5	59.3	59.0	58.8	58.6	58.4	58.1	58.1	57.0	56.6	56.4	25.1	22.6	20.4	60.3	60.2	59.8	57.2	55.7	59.4	57.2	46.2	60.6	61.0	58.3	59.1
26	91.3	58.7	59.6	59.5	59.9	59.8	59.8	59.7	59.5	59.4	59.2	58.9	58.8	58.5	58.3	58.0	58.0	56.9	56.6	56.4	25.6	23.4	21.4	60.2	60.2	59.8	57.2	55.6	59.4	57.2	46.2	60.6	60.9	58.2	59.1
27	94.3	58.7	59.6	59.5	59.9	59.8	59.7	59.6	59.4	59.4	59.2	58.9	58.7	58.4	58.2	58.0	58.0	56.9	56.5	56.3	26.3	24.5	22.5	60.2	60.1	59.7	57.1	55.6	59.3	57.1	46.1	60.6	60.9	58.2	59.1
28	97.2	58.7	59.6	59.5	59.9	59.8	59.7	59.5	59.4	59.3	59.1	58.8	58.6	58.4	58.2	57.9	57.9	56.8	56.4	56.2	27.2	25.6	23.7	60.2	60.1	59.7	57.1	55.6	59.3	57.1	46.1	60.5	60.8	58.2	59.2
29																																			
30																																			

Floor	mPD Level of Noise Assessment	Tower 5																																									
		501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543
1	**19.9**	60.8	61.3	62.8	62.9	62.1	61.1	61.5	61.6	61.5	61.3	61.1	61.0	60.9	60.8	60.6	57.7	51.7	49.5	54.4	57.7	58.7	54.6	54.6	23.1	0.0	52.7	54.2	52.9	52.9	52.6	49.8	48.0	53.0	52.9	46.2	0.0	25.0	56.0	55.9	55.8	53.8	56.1	56.1
2	**22.9**	60.8	61.2	62.8	62.8	62.1	61.1	61.5	61.5	61.5	61.2	61.1	60.9	60.9	60.7	60.6	57.7	51.7	49.5	54.6	57.7	58.9	55.2	55.1	23.1	0.0	53.3	54.7	52.9	52.9	52.6	49.8	48.0	53.0	52.9	46.2	0.0	25.0	56.0	55.9	55.8	53.8	56.1	56.1
3	**25.9**	60.8	61.2	62.8	62.8	62.0	61.0	61.5	61.5	61.5	61.2	61.1	60.9	60.9	60.7	60.6	57.7	51.6	49.5	54.9	57.8	59.0	55.6	55.5	23.1	0.0	53.7	55.1	52.9	52.9	52.6	49.8	48.0	53.0	52.9	46.2	0.0	25.0	56.0	55.9	55.8	53.8	56.0	56.1
4	**28.8**	60.7	61.2	62.7	62.7	62.0	61.0	61.4	61.5	61.4	61.2	61.0	60.9	60.8	60.7	60.5	57.6	51.6	49.6	55.0	57.8	59.0	55.9	55.8	23.1	0.0	54.1	55.4	52.9	52.9	52.6	49.8	47.9	53.0	52.9	46.2	0.0	24.9	56.0	55.8	55.8	53.8	56.0	56.1
5	**31.8**	60.7	61.1	62.7	62.7	61.9	61.0	61.4	61.4	61.4	61.1	61.0	60.8	60.8	60.6	60.5	57.6	51.6	49.5	55.1	57.8	59.1	56.2	56.1	23.1	0.0	54.4	55.7	52.9	52.9	52.6	49.8	47.9	53.0	52.9	46.1	0.0	24.9	55.9	55.8	55.7	53.8	56.0	56.0
6	**34.8**	60.7	61.1	62.6	62.6	61.8	60.9	61.3	61.4	61.3	61.1	60.9	60.8	60.7	60.6	60.5	57.5	51.5	49.5	55.2	57.9	59.2	56.5	56.4	23.1	0.0	54.7	56.1	52.8	52.8	52.6	49.8	47.9	53.0	52.9	46.1	0.0	24.9	55.9	55.8	55.7	53.7	56.0	56.0
7	**37.8**	60.6	61.0	62.5	62.5	61.8	60.8	61.3	61.3	61.3	61.0	60.9	60.7	60.7	60.5	60.4	57.5	51.5	49.5	55.4	57.9	59.3	56.9	56.8	23.0	0.0	55.1	56.5	52.8	52.8	52.6	49.8	47.9	53.0	52.8	46.1	0.0	24.9	55.9	55.7	55.7	53.7	55.9	56.0
8	**40.7**	60.5	60.9	62.4	62.5	61.7	60.8	61.2	61.2	61.2	60.9	60.8	60.7	60.6	60.5	60.3	57.4	51.4	49.7	55.6	58.0	59.4	57.2	57.1	23.0	0.0	55.3	56.8	52.8	52.8	52.6	49.8	47.9	53.0	52.8	46.1	0.0	24.8	55.8	55.7	55.6	53.7	55.9	56.0
9	**43.7**	60.4	60.8	62.4	62.4	61.6	60.7	61.1	61.2	61.1	60.9	60.7	60.6	60.5	60.4	60.3	57.4	51.4	49.8	55.8	58.1	59.5	57.5	57.4	23.0	0.0	55.5	57.0	52.8	52.8	52.6	49.7	47.9	52.9	52.8	46.1	0.0	24.8	55.8	55.7	55.6	53.7	55.8	55.9
10	**46.7**	60.4	60.8	62.3	62.3	61.5	60.6	61.0	61.1	61.0	60.8	60.7	60.5	60.5	60.3	60.2	57.3	51.3	50.0	56.0	58.1	59.7	57.8	57.8	23.0	0.0	55.7	57.3	52.7	52.8	52.5	49.7	47.9	52.9	52.7	46.1	0.0	24.8	55.8	55.6	55.6	53.6	55.8	55.9
11	**49.7**	60.3	60.7	62.2	62.2	61.4	60.5	60.9	61.0	61.0	60.7	60.6	60.5	60.4	60.2	60.1	57.2	51.2	50.0	56.1	58.1	59.7	58.1	58.0	22.9	0.0	55.8	57.5	52.7	52.8	52.5	49.7	47.9	52.9	52.7	46.1	0.0	24.8	55.7	55.6	55.5	53.6	55.7	55.8
12	**52.6**	60.2	60.7	62.1	62.1	61.3	60.4	60.9	60.9	60.9	60.6	60.5	60.4	60.3	60.2	60.1	57.2	51.2	50.1	56.1	58.1	59.7	58.3	58.2	22.9	0.0	56.0	57.7	52.7	52.7	52.5	49.7	47.8	52.9	52.7	46.0	0.0	24.7	55.7	55.5	55.5	53.5	55.7	55.8
13	**55.6**	60.1	60.6	62.0	62.0	61.3	60.3	60.8	60.8	60.8	60.6	60.4	60.3	60.2	60.1	60.0	57.1	51.1	50.1	56.1	58.1	59.7	58.4	58.3	22.9	0.0	56.1	57.8	52.7	52.7	52.5	49.7	47.8	52.8	52.7	46.0	0.0	24.7	55.6	55.5	55.5	53.5	55.7	55.7
14	**58.6**	60.0	60.5	61.9	61.9	61.2	60.2	60.7	60.8	60.7	60.5	60.3	60.2	60.2	60.0	59.9	57.0	51.0	50.1	56.1	58.1	59.7	58.5	58.4	22.9	0.0	56.2	58.0	52.7	52.6	52.4	49.7	47.8	52.8	52.6	46.0	0.0	24.7	55.6	55.4	55.4	53.5	55.6	55.7
15	**61.6**	60.0	60.4	61.8	61.8	61.1	60.1	60.6	60.7	60.6	60.4	60.3	60.2	60.1	59.9	59.8	57.0	51.0	50.1	56.2	58.1	59.7	58.6	58.6	22.8	0.0	56.3	58.1	52.6	52.6	52.4	49.6	47.8	52.7	52.6	46.0	0.0	24.6	55.5	55.4	55.3	53.5	55.5	55.6
16	**64.5**	59.9	60.3	61.7	61.7	61.0	60.0	60.5	60.6	60.5	60.3	60.2	60.1	60.0	59.9	59.8	56.9	50.9	50.1	56.2	58.0	59.8	58.7	58.7	22.8	0.0	56.4	58.2	52.6	52.6	52.4	49.6	47.8	52.7	52.6	46.0	0.0	24.6	55.5	55.4	55.3	53.4	55.5	55.6
17	**67.5**	59.8	60.2	61.6	61.6	60.9	59.9	60.4	60.5	60.4	60.2	60.1	60.0	59.9	59.8	59.7	56.8	50.8	50.1	56.2	58.0	59.7	58.8	58.8	22.8	0.0	56.5	58.3	52.6	52.6	52.3	49.6	47.8	52.7	52.6	45.9	0.0	24.5	55.4	55.3	55.2	53.4	55.5	55.5
18	**70.5**	59.7	60.1	61.5	61.5	60.8	59.8	60.3	60.4	60.3	60.1	60.0	59.9	59.8	59.7	59.6	56.7	50.7	50.2	56.2	58.0	59.7	58.9	58.8	22.8	0.0	56.6	58.4	52.5	52.6	52.3	49.6	47.7	52.7	52.5	45.9	0.0	24.5	55.4	55.2	55.2	53.4	55.4	55.4
19	**73.5**	59.6	60.0	61.4	61.4	60.7	59.7	60.2	60.3	60.2	60.0	59.9	59.8	59.7	59.6	59.5	56.6	50.7	50.2	56.2	57.9	59.7	58.9	58.9	22.7	0.0	56.6	58.5	52.5	52.5	52.3	49.6	47.7	52.6	52.5	45.9	0.0	24.5	55.3	55.2	55.1	53.3	55.4	55.4
20	**76.4**	59.5	59.9	61.3	61.3	60.5	59.6	60.1	60.2	60.1	60.0	59.8	59.7	59.7	59.5	59.4	56.6	50.6	50.3	56.2	57.9	59.7	59.0	58.9	22.7	0.0	56.7	58.5	52.5	52.5	52.2	49.5	47.7	52.6	52.4	45.9	0.0	24.4	55.3	55.2	55.1	53.3	55.3	55.3
21	**79.4**	59.4	59.8	61.2	61.2	60.4	59.5	60.0	60.1	60.0	59.9	59.7	59.6	59.6	59.4	59.3	56.5	50.5	50.3	56.2	57.9	59.6	59.0	59.0	22.6	0.0	56.8	58.6	52.4	52.4	52.2	49.5	47.7	52.5	52.4	45.8	0.0	24.4	55.2	55.1	55.0	53.2	55.2	55.3
22	**82.4**	59.3	59.7	61.1	61.1	60.3	59.5	59.9	60.0	59.9	59.8	59.6	59.5	59.5	59.3	59.3	56.4	50.4	50.3	56.2	57.8	59.6	59.0	59.0	22.6	0.0	56.8	58.7	52.4	52.4	52.1	49.5	47.7	52.5	52.4	45.8	0.0	24.3	55.2	55.0	55.0	53.2	55.2	55.2
23	**85.4**	59.3	59.6	61.0	61.0	60.2	59.4	59.8	59.9	59.8	59.7	59.5	59.5	59.4	59.2	59.2	56.3	50.3	50.3	56.1	57.7	59.6	59.1	59.0	22.6	0.0	56.8	58.7	52.4	52.4	52.1	49.5	47.6	52.5	52.3	45.8	0.0	24.0	55.1	55.0	54.9	53.1	55.1	55.1
24	**88.3**	59.2	59.6	60.9	60.9	60.1	59.3	59.7	59.8	59.8	59.6	59.5	59.4	59.3	59.2	59.1	56.2	50.3	50.3	56.1	57.7	59.5	59.1	59.0	23.4	0.0	56.9	58.7	52.4	52.3	52.1	49.4	47.6	52.5	52.3	45.8	0.0	24.5	55.0	54.9	54.9	53.1	55.1	55.1
25	**91.3**	59.1	59.5	60.8	60.8	60.0	59.2	59.6	59.7	59.7	59.5	59.4	59.3	59.2	59.1	59.0	56.2	50.2	50.4	56.1	57.6	59.5	59.1	59.0	25.7	0.0	56.9	58.8	52.3	52.3	52.0	49.4	47.6	52.4	52.3	45.7	0.0	26.7	55.0	54.8	54.8	53.1	55.0	55.0
26	**94.3**	59.0	59.4	60.7	60.7	59.9	59.1	59.5	59.6	59.6	59.4	59.3	59.2	59.1	59.0	58.9	56.1	50.2	50.3	56.0	57.6	59.4	59.1	59.0	29.0	0.0	56.9	58.8	52.3	52.3	52.0	49.4	47.6	52.4	52.2	45.7	0.0	30.2	54.9	54.8	54.7	53.0	54.9	54.9
27	**97.3**	58.9	59.3	60.6	60.6	59.8	59.0	59.4	59.5	59.5	59.3	59.2	59.1	59.1	58.9	58.8	56.0	50.2	50.4	56.0	57.5	59.4	59.1	59.0	33.8	0.0	56.9	58.8	52.2	52.2	52.0	49.3	47.5	52.3	52.2	45.8	0.0	36.9	54.9	54.7	54.7	53.0	54.8	54.9
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Floor	mPD Level of Noise Assessment	Tower 6																																								
		601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643
1	**22.9**	60.5	62.7	59.9	58.7	49.1	28.6	28.6	44.9	48.0	45.9	46.2	45.1	49.4	49.2	49.1	61.1	59.1	31.2	31.7	60.9	62.4	69.5	69.6	68.2	67.7	69.0	70.3	69.5	70.6	70.6	70.6	70.5	71.2	71.2	70.0	69.7	69.0	70.0	68.3	67.6	68.0	69.3	69.1
2	**25.9**	60.4	62.5	59.8	58.7	49.1	28.6	28.5	44.9	48.0	45.9	46.2	45.1	49.3	49.2	49.0	60.9	58.9	31.2	31.7	60.7	62.3	69.2	69.2	67.8	67.3	68.6	69.8	69.0	70.0	70.0	70.1	70.0	70.7	70.6	69.5	69.2	68.5	69.5	67.8	67.2	67.6	68.8	68.7
3	**28.9**	60.2	62.3	59.7	58.6	49.1	28.6	28.5	44.9	48.0	45.9	46.2	45.1	49.3	49.2	49.0	60.8	58.8	31.1	31.6	60.6	62.1	68.8	68.8	67.5	66.8	68.1	69.3	68.4	69.5	69.5	69.6	69.4	70.1	70.1	69.0	68.7	68.0	68.9	67.4	66.8	67.2	68.5	68.4
4	**31.8**	60.1	62.2	59.6	58.5	49.1	28.6	28.5	44.9	48.0	45.9	46.2	45.1	49.3	49.2	49.0	60.7	58.7	31.1	31.6	60.5	61.9	68.4	68.4	67.1	66.4	67.7	68.8	67.9	68.9	69.0	69.0	68.9	69.6	69.5	68.5	68.2	67.5	68.4	67.0	66.4	66.8	68.0	68.0
5	**34.8**	60.0	62.0	59.5	58.5	49.1	28.6	28.5	44.9	48.0	45.8	46.2	45.0	49.3	49.2	49.0	60.5	58.6	31.0	31.5	60.3	61.7	68.0	68.0	66.7	66.0	67.3	68.3	67.5	68.5	68.6	68.6	68.5	69.1	69.1	68.0	67.7	67.0	68.0	66.6	66.0	66.4	67.6	67.6
6	**37.8**	59.8	61.8	59.4	58.4	49.0	28.6	28.5	44.9	48.0	45.8	46.2	45.0	49.3	49.1	49.0	60.3	58.4	31.0	31.5	60.1	61.5	67.7	67.6	66.3	65.6	66.9	67.9	67.0	68.0	68.1	68.2	68.0	68.6	68.7	67.6	67.3	66.6	67.5	66.2	65.7	66.0	67.3	67.3
7	**40.8**	59.7	61.6	59.3	58.3	49.0	28.5	28.5	44.8	47.9	45.8	46.2	45.0	49.2	49.1	49.0	60.2	58.3	31.0	31.4	59.9	61.2	67.3	67.3	66.0	65.3	66.5	67.5	66.6	67.6	67.7	67.8	67.6	68.3	68.2	67.2	66.9	66.2	67.1	65.9	65.3	65.7	66.9	67.0
8	**43.7**	59.5	61.4	59.2	58.2	49.0	28.5	28.5	44.8	47.9	45.8	46.1	45.0	49.2	49.1	48.9	60.0	58.1	30.9	31.3	59.7	61.0	67.0	67.0	65.7	65.0	66.2	67.2	66.3	67.3	67.4	67.4	67.3	67.9	67.9	66.8	66.5	65.8	66.8	65.6	65.0	65.3	66.6	66.6
9	**46.7**	59.3	61.2	59.1	58.1	48.9	28.5	28.5	44.8	47.9	45.7	46.1	44.9	49.2	49.1	48.9	59.9	58.0	30.9	31.3	59.5	60.8	66.7	66.7	65.4	64.7	65.8	66.8	65.9	66.9	67.0	67.1	66.9	67.5	67.5	66.5	66.2	65.5	66.5	65.2	64.8	65.1	66.3	66.3
10	**49.7**	59.2	61.1	58.9	58.0	48.9	28.5	28.4	44.7	47.9	45.7	46.1	44.9	49.1	49.1	48.9	59.6	57.8	30.9	31.2	59.3	60.6	66.4	66.4	65.1	64.4	65.6	66.5	65.6	66.6	66.7	66.7	66.6	67.2	67.2	66.1	65.8	65.1	66.2	65.0	64.5	64.8	66.1	66.1
11	**52.7**	59.0	60.9	58.8	57.8	48.9	28.5	28.4	44.7	47.8	45.7	46.0	44.9	49.1	49.0	48.9	59.5	57.6	30.8	31.2	59.2	60.4	66.1	66.1	64.8	64.1	65.3	66.2	65.3	66.3	66.4	66.5	66.3	66.9	66.9	65.8	65.5	64.8	65.9	64.7	64.2	64.5	65.8	65.8
12	**55.6**	58.9	60.7	58.7	57.8	48.8	28.5	28.4	44.7	47.8	45.7	46.0	44.9	49.1	49.0	48.8	59.3	57.4	30.7	31.1	59.0	60.2	65.9	65.8	64.6	63.8	65.0	65.9	65.0	66.0	66.1	66.2	66.0	66.7	66.6	65.5	65.2	64.5	65.6	64.4	63.9	64.3	65.5	65.5
13	**58.6**	58.7	60.5	58.6	57.6	48.8	28.5	28.4	44.6	47.8	45.6	46.0	44.8	49.0	49.0	48.8	59.2	57.3	30.7	31.1	58.9	60.0	65.7	65.5	64.3	63.6	64.8	65.6	64.7	65.7	65.8	65.9	65.8	66.4	66.3	65.3	65.0	64.3	65.4	64.1	63.7	64.0	65.3	65.3
14	**61.6**	58.6	60.4	58.5	57.5	48.7	28.4	28.4	44.6	47.7	45.6	45.9	44.8	49.0	48.9	48.7	59.0	57.2	30.7	31.0	58.7	59.9	65.5	65.3	64.1	63.3	64.5	65.4	64.5	65.5	65.6	65.7	65.5	66.1	66.0	65.0	64.7	64.0	65.1	64.0	63.5	63.7	65.1	65.0
15	**64.6**	58.4	60.2	58.3	57.4	48.7	28.4	28.4	44.5	47.7	45.5	45.9	44.7	48.9	48.9	48.7	58.9	57.0	30.6	31.0	58.5	59.7	65.2	65.1	63.9	63.1	64.3	65.2	64.2	65.3	65.3	65.4	65.3	65.9	65.8	64.8	64.5	63.8	64.9	63.8	63.2	63.5	64.8	64.8
16	**67.5**	58.3	60.0	58.2	57.3	48.7	28.4	28.3	44.5	47.6	45.5	45.8	44.7	48.9	48.9	48.6	58.7	56.9	30.6	30.9	58.3	59.5	65.0	64.8	63.6	62.9	64.1	65.0	64.0	65.0	65.1	65.2	65.0	65.7	65.6	64.5	64.2	63.6	64.7	63.5	63.0	63.3	64.6	64.7
17	**70.5**	58.2	59.9	58.1	57.2	48.6	28.4	28.3	44.5	47.6	45.4	45.8	44.7	48.9	48.8	48.6	58.5	56.7	30.5	30.8	58.2	59.3	64.8	64.7	63.4	62.6	63.9	64.8	63.8	64.8	64.9	65.0	64.8	65.4	65.3	64.3	64.0	63.3	64.4	63.3	62.8	63.1	64.4	64.5
18	**73.5**	58.0	59.7	58.0	57.1	48.6	28.2	28.1	44.4	47.5	45.4	45.8	44.6	48.8	48.8	48.5	58.4	56.6	30.4	30.5	58.0	59.2	64.6	64.5	63.2	62.4	63.7	64.6	63.6	64.6	64.7	64.8	64.6	65.2	65.1	64.1	63.8	63.1	64.2	63.1	62.6	62.9	64.2	64.3
19	**76.5**	57.9	59.6	57.9	57.0	48.5	28.2	28.1	44.4	47.5	45.4	45.7	44.6	48.8	48.7	48.5	58.2	56.4	30.2	30.5	57.8	59.0	64.4	64.3	63.1	62.2	63.5	64.4	63.4	64.4	64.5	64.6	64.4	65.0	64.9	63.9	63.6	62.9	64.1	62.9	62.5	62.7	64.0	64.1
20	**79.4**	57.8	59.4	57.7	56.9	48.4	28.2	28.2	44.3	47.4	45.3	45.7	44.5	48.7	48.7	48.4	58.1	56.3	30.4	30.6	57.7	58.9	64.2	64.1	62.9	62.1	63.3	64.2	63.2	64.2	64.3	64.4	64.2	64.8	64.7	63.7	63.4	62.7	63.9	62.8	62.3	62.5	63.8	63.9
21	**82.4**	57.7	59.3	57.7	56.8	48.4	28.3	28.3	44.3	47.4	45.3	45.6	44.5	48.7	48.6	48.4	57.9	56.2	30.4	30.7	57.5	58.7	64.1	64.0	62.7	61.9	63.1	64.0	63.0	64.0	64.1	64.2	64.0	64.7	64.6	63.5	63.2	62.6	63.8	62.6	62.1	62.3	63.7	63.7
22	**85.4**	57.5	59.2	57.5	56.7	48.3	28.5	28.5	44.2	47.3	45.2	45.6	44.4	48.6	48.6	48.3	57.8	56.0	30.5	30.8	57.4	58.6	63.9	63.8	62.6	61.7	62.9	63.8	62.8	63.9	64.0	64.1	63.9	64.5	64.4	63.4	63.1	62.4	63.6	62.5	62.0	62.1	63.6	63.6
23	**88.4**	57.4	59.1	57.4	56.6	48.3	28.9	28.8	44.2	47.3	45.2	45.5	44.4	48.6	48.5	48.3	57.7	55.9	30.6	30.8	57.3	58.4	63.7	63.6	62.4	61.5	62.8	63.7	62.7	63.7	63.8	63.9	63.7	64.3	64.2	63.2	62.9	62.3	63.4	62.3	61.8	62.0	63.4	63.4
24	**91.3**	57.3	59.0	57.3	56.5	48.2	29.1	29.1	44.1	47.2	45.1	45.5	44.4	48.5	48.5	48.3	57.5	55.8	30.7	30.9	57.2	58.3	63.6	63.5	62.3	61.4	62.6	63.5	62.5	63.5	63.6	63.7	63.5	64.1	64.1	63.0	62.7	62.1	63.3	62.1	61.6	61.8	63.2	63.3
25	**94.3**	57.2	58.8	57.2	56.4	48.2	29.7	29.7	44.1	47.2	45.1	45.4	44.4	48.5	48.4	48.2	57.4	55.6	31.2	31.5	57.1	58.2	63.4	63.3	62.1	61.2	62.4	63.4	62.4	63.4	63.5	63.6	63.4	64.0	63.9	62.9	62.6	62.0	63.1	62.0	61.5	61.7	63.1	63.2
26	**97.3**	57.1	58.7	57.1	56.3	48.1	30.3	30.4	44.1	47.2	45.1	45.5	44.3	48.4	48.4	48.2	57.3	55.5	32.0	32.3	56.9	58.1	63.3	63.2	62.0	61.1	62.3	63.2	62.2	63.2	63.3	63.4	63.2	63.8	63.7	62.7	62.4	61.8	62.9	61.8	61.3	61.5	62.9	63.0
27	**100.3**	57.0	58.6	57.0	56.2	48.0	31.1	31.2	44.0	47.2	45.0	45.4	44.4	48.4	48.4	48.1	57.2	55.4	32.8	33.9	56.8	57.9	63.1	63.0	61.8	60.9	62.1	63.1	62.1	63.1	63.2	63.3	63.1	63.7	63.6	62.6	62.3	61.7	62.8	61.7	61.2	61.4	62.8	62.9
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Floor	mPD Level of Noise Assessment	Tower 7																																				
		701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739
1	**8.7**	59.0	59.3	59.5	59.7	60.0	60.0	60.1	60.5	60.5	60.9	61.1	61.0	61.6	57.6	65.9	71.2	69.6	69.8	70.4	70.9	72.7	72.6	71.0	70.4	70.1	69.9	69.4	69.3	68.8	68.4	68.1	67.8	66.8	66.2	57.9	59.2	37.4	37.5	36.7
2	**11.7**	59.0	59.3	59.5	59.6	60.0	60.0	60.0	60.5	60.4	60.8	61.0	61.0	61.5	57.5	65.8	71.1	69.4	69.6	70.2	70.6	72.3	72.2	70.8	70.2	70.0	69.8	69.3	69.2	68.7	68.3	68.1	67.7	66.7	66.1	57.8	59.2	37.7	37.6	36.7
3	**14.7**	58.9	59.2	59.5	59.6	59.9	59.9	60.0	60.4	60.4	60.8	61.0	60.9	61.4	57.4	65.6	70.7	69.1	69.3	69.8	70.2	71.9	71.8	70.5	69.9	69.8	69.6	69.2	69.0	68.6	68.2	68.0	67.6	66.6	66.1	57.9	59.1	37.9	37.8	36.9
4	**17.6**	58.9	59.2	59.4	59.5	59.9	59.9	59.9	60.3	60.3	60.7	60.8	60.8	61.3	57.3	65.4	70.5	68.8	69.0	69.5	69.9	71.4	71.3	70.2	69.7	69.6	69.4	69.0	68.9	68.4	68.1	67.9	67.5	66.5	66.0	57.8	59.1	38.3	38.0	37.0
5	**20.6**	58.8	59.1	59.3	59.4	59.8	59.8	59.8	60.2	60.2	60.6	60.7	60.6	61.1	57.2	65.2	70.1	68.5	68.7	69.1	69.5	70.9	70.9	69.9	69.4	69.3	69.2	68.8	68.7	68.3	68.0	67.7	67.4	66.4	65.9	57.7	59.1	38.7	38.2	37.1
6	**23.6**	58.8	59.1	59.3	59.4	59.7	59.7	59.7	60.1	60.1	60.5	60.6	60.5	61.0	57.0	65.0	69.8	68.2	68.3	68.8	69.1	70.6	70.5	69.6	69.1	69.1	69.0	68.6	68.6	68.1	67.8	67.6	67.3	66.3	65.7	57.7	59.0	39.1	38.4	37.2
7	**26.6**	58.7	59.0	59.2	59.3	59.6	59.6	59.6	60.0	60.0	60.3	60.4	60.3	60.8	56.9	64.7	69.5	67.9	68.0	68.4	68.7	70.2	70.2	69.3	68.9	68.8	68.7	68.5	68.4	68.0	67.7	67.5	67.1	66.2	65.6	57.7	59.0	39.5	38.6	37.3
8	**29.5**	58.6	58.9	59.1	59.2	59.5	59.5	59.5	59.9	59.8	60.2	60.3	60.2	60.6	56.7	64.4	69.2	67.6	67.7	68.1	68.3	69.9	69.9	69.0	68.6	68.6	68.5	68.3	68.2	67.8	67.5	67.3	67.0	66.1	65.5	57.6	58.8	39.7	38.8	37.4
9	**32.5**	58.6	58.8	59.0	59.1	59.4	59.4	59.4	59.8	59.7	60.0	60.1	60.0	60.4	56.5	64.2	69.0	67.3	67.4	67.8	68.0	69.6	69.6	68.8	68.4	68.4	68.3	68.1	68.0	67.7	67.4	67.2	66.8	65.9	65.3	57.5	58.8	39.9	38.8	37.4
10	**35.5**	58.5	58.7	59.0	59.0	59.3	59.3	59.3	59.6	59.6	59.9	60.0	59.9	60.2	56.3	64.0	68.6	67.1	67.1	67.5	67.7	69.3	69.3	68.5	68.2	68.2	68.2	67.9	67.9	67.5	67.2	67.0	66.7	65.8	65.2	57.5	58.8	40.0	38.9	37.5
11	**38.5**	58.4	58.7	58.8	58.9	59.2	59.2	59.2	59.5	59.5	59.7	59.8	59.7	60.0	56.2	63.7	68.4	66.8	66.9	67.2	67.5	69.1	69.1	68.4	68.1	68.1	68.0	67.8	67.7	67.4	67.1	66.9	66.6	65.7	65.1	57.4	58.7	40.0	39.0	37.5
12	**41.4**	58.3	58.6	58.7	58.8	59.1	59.0	59.1	59.4	59.3	59.6	59.6	59.5	59.8	56.0	63.5	68.2	66.6	66.6	66.9	67.2	68.8	68.9	68.2	67.9	67.9	67.8	67.6	67.6	67.2	67.0	66.8	66.4	65.6	65.0	57.3	58.7	40.1	39.0	37.5
13	**44.4**	58.2	58.5	58.6	58.7	59.0	58.9	58.9	59.3	59.1	59.4	59.5	59.4	59.7	55.8	63.3	68.0	66.4	66.4	66.7	67.0	68.6	68.7	68.0	67.7	67.8	67.7	67.5	67.5	67.1	66.8	66.7	66.3	65.5	64.8	57.3	58.7	40.2	39.0	37.5
14	**47.4**	58.1	58.4	58.5	58.6	58.9	58.8	58.8	59.1	59.1	59.3	59.3	59.2	59.5	55.7	63.1	67.8	66.2	66.1	66.5	66.7	68.4	68.6	67.9	67.6	67.6	67.6	67.4	67.4	67.0	66.7	66.5	66.2	65.3	64.8	57.2	58.7	40.2	39.1	37.5
15	**50.4**	58.0	58.3	58.4	58.5	58.7	58.7	58.7	59.0	58.9	59.1	59.1	59.0	59.3	55.5	62.9	67.6	66.0	66.0	66.3	66.5	68.2	68.4	67.7	67.5	67.5	67.4	67.2	67.2	66.9	66.6	66.4	66.1	65.2	64.6	57.2	58.7	40.3	39.1	37.4
16	**53.3**	57.9	58.2	58.3	58.4	58.6	58.5	58.5	58.9	58.7	59.0	59.0	58.9	59.1	55.3	62.7	67.5	65.8	65.8	66.1	66.3	68.1	68.3	67.6	67.4	67.3	67.3	67.1	67.1	66.8	66.5	66.3	66.0	65.2	64.5	57.1	58.7	40.3	39.1	37.4
17	**56.3**	57.8	58.1	58.2	58.2	58.5	58.4	58.4	58.7	58.6	58.8	58.9	58.7	58.9	55.2	62.5	67.3	65.7	65.6	65.9	66.2	67.9	68.1	67.5	67.3	67.2	67.2	67.0	67.0	66.7	66.4	66.3	65.9	65.0	64.4	57.1	58.7	40.3	39.1	37.4
18	**59.3**	57.7	58.0	58.1	58.1	58.4	58.3	58.3	58.6	58.5	58.7	58.7	58.5	58.8	55.0	62.3	67.1	65.5	65.4	65.7	66.0	67.8	68.0	67.4	67.2	67.1	67.1	66.9	66.9	66.6	66.3	66.1	65.8	64.9	64.3	57.0	58.7	40.2	39.0	37.3
19	**62.3**	57.6	57.9	58.0	58.1	58.2	58.2	58.2	58.5	58.3	58.6	58.6	58.4	58.6	54.9	62.1	67.0	65.4	65.3	65.6	65.9	67.6	67.9	67.3	67.1	67.0	67.0	66.8	66.8	66.5	66.2	66.0	65.8	64.9	64.2	57.0	58.7	40.3	39.1	37.3
20	**65.2**	57.5	57.8	57.8	57.9	58.2	58.1	58.0	58.3	58.2	58.4	58.4	58.2	58.4	54.7	61.9	66.8	65.2	65.1	65.4	65.7	67.5	67.8	67.2	67.0	66.9	66.9	66.8	66.8	66.4	66.2	65.9	65.7	64.8	64.1	57.0	58.8	40.3	39.1	37.4
21	**68.2**	57.4	57.6	57.8	57.8	58.1	57.9	57.9	58.2	58.1	58.3	58.3	58.1	58.3	54.6	61.7	66.7	65.1	65.0	65.3	65.6	67.4	67.7	67.1	66.9	66.9	66.8	66.7	66.7	66.3	66.1	65.9	65.5	64.7	64.0	56.9	58.7	40.4	39.2	37.5
22	**71.2**	57.3	57.5	57.7	57.7	57.9	57.8	57.8	58.1	57.9	58.2	58.1	57.9	58.2	54.5	61.6	66.6	65.0	64.8	65.2	65.4	67.3	67.6	67.0	66.8	66.8	66.8	66.6	66.6	66.3	66.0	65.8	65.5	64.6	64.0	56.9	58.7	40.5	39.4	37.7
23	**74.2**	57.2	57.4	57.6	57.6	57.8	57.7	57.7	57.9	57.8	58.0	58.0	57.8	58.0	54.3	61.5	66.5	64.9	64.7	65.0	65.3	67.2	67.5	67.0	66.7	66.7	66.7	66.5	66.5	66.2	65.9	65.7	65.4	64.5	63.9	56.9	58.7	40.6	39.6	37.9
24	**77.1**	57.1	57.4	57.5	57.5	57.7	57.6	57.5	57.8	57.7	57.9	57.9	57.7	57.8	54.2	61.3	66.4	64.8	64.6	64.9	65.2	67.0	67.4	66.9	66.7	66.6	66.6	66.5	66.4	66.1	65.8	65.7	65.3	64.5	63.8	56.8	58.7	40.7	39.8	38.1
25	**80.1**	57.0	57.2	57.4	57.4	57.6	57.5	57.4	57.7	57.5	57.8	57.7	57.5	57.8	54.0	61.1	66.3	64.7	64.5	64.8	65.1	67.0	67.3	66.8	66.6	66.6	66.5	66.4	66.4	66.0	65.8	65.6	65.3	64.4	63.7	56.8	58.7	41.0	40.2	38.7
26	**83.1**	56.9	57.1	57.3	57.2	57.5	57.4	57.3	57.6	57.5	57.7	57.6	57.4	57.6	54.0	61.0	66.2	64.6	64.4	64.7	65.0	66.9	67.2	66.7	66.5	66.5	66.5	66.3	66.3	66.0	65.7	65.5	65.2	64.3	63.7	56.9	58.7	41.4	40.8	39.3
27	**86.1**	56.8	57.1	57.2	57.1	57.4	57.2	57.3	57.5	57.3	57.5	57.5	57.3	57.5	53.8	60.8	66.1	64.5	64.2	64.6	64.8	66.8	67.1	66.6	66.5	66.5	66.4	66.2	66.2	65.9	65.6	65.4	65.1	64.3	63.6	56.8	58.8	41.9	41.5	40.1
28	**89.0**	56.8	57.0	57.1	57.1	57.3	57.1	57.1	57.4	57.2	57.4	57.4	57.2	57.4	53.7	60.7	66.0	64.4	64.2	64.5	64.7	66.7	67.1	66.6	66.4	66.4	66.3	66.2	66.1	65.8	65.6	65.4	65.1	64.2	63.5	56.9	58.7	42.5	42.2	41.0
29	**92.0**	56.7	56.9	57.0	57.0	57.2	57.1	57.0	57.3	57.1	57.3	57.3	57.1	57.2	53.7	60.6	65.9	64.3	64.0	64.4	64.6	66.6	67.0	66.5	66.3	66.3	66.3	66.1	66.1	65.8	65.5	65.3	65.0	64.1	63.5	57.1	58.8	43.2	43.1	41.9
30	**95.0**	56.6	56.8	56.9	56.9	57.1	57.0	56.9	57.2	57.0	57.2	57.2	56.9	57.1	54.1	60.4	65.8	64.2	64.0	64.4	64.7	66.5	66.9	66.5	66.3	66.3	66.2	66.1	66.1	65.7	65.5	65.3	65.0	64.1	63.5	57.6	58.8	44.0	44.2	42.9

APPENDIX 4

PREDICTED FAÇADE NOISE LEVELS FOR ROAD TRAFFIC NOISE
(WITH NOISE MITIGATION MEASURES)

Job No. : 22608
Job Title : Fung Yuen
Scenario : 2045 Traffic Forecast, AM Peak, Unmitigated

	mPD Level of Noise	Receiver																																			
		Tower 1																																					
Floor	Assessment	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139
1	**16.9**	65.0	65.7	67.9	68.4	68.2	68.1	68.2	68.3	68.0	68.2	68.0	68.0	68.2	68.4	68.6	68.9	68.0	67.8	69.9	69.8	69.0	65.3	61.9	35.7	35.0	35.5	35.0	34.9	34.9	34.8	35.1	45.0	48.9	45.1	44.7	43.5	64.6	64.5	64.4
2	**19.9**	64.9	65.5	67.6	68.1	68.0	67.9	67.9	68.0	67.8	67.9	67.8	67.7	67.9	68.1	68.2	68.6	67.8	67.6	69.8	69.7	69.0	65.2	61.8	35.7	35.0	35.5	35.0	34.9	34.9	34.8	35.1	45.8	49.7	47.5	47.1	45.6	64.5	64.4	64.3
3	**22.9**	64.7	65.3	67.4	67.8	67.7	67.6	67.7	67.7	67.5	67.7	67.5	67.5	67.6	67.8	67.9	68.3	67.6	67.5	69.7	69.6	68.9	65.2	61.7	35.7	35.0	35.5	35.0	34.9	34.9	34.8	35.1	46.4	50.4	49.4	49.0	46.8	64.4	64.2	64.2
4	**25.8**	64.5	65.0	67.1	67.5	67.4	67.4	67.4	67.5	67.3	67.4	67.2	67.2	67.3	67.4	67.5	68.0	67.3	67.2	69.6	69.5	68.8	65.1	61.7	35.7	35.0	35.5	35.0	34.9	34.9	34.8	35.1	46.7	50.8	50.5	50.0	47.5	64.2	64.1	64.0
5	**28.8**	64.2	64.8	66.8	67.2	67.1	67.1	67.1	67.2	67.0	67.1	66.9	66.9	67.0	67.1	67.2	67.7	67.1	67.0	69.4	69.3	68.7	65.0	61.6	35.7	35.0	35.5	35.0	34.9	34.9	34.8	35.1	46.9	51.2	51.1	50.6	48.0	64.1	63.9	63.8
6	**31.8**	64.0	64.5	66.5	67.0	66.9	66.8	66.9	66.9	66.7	66.8	66.7	66.6	66.8	66.9	66.9	67.4	66.9	66.8	69.3	69.2	68.6	65.0	61.5	35.7	35.0	35.5	34.9	34.9	34.9	34.8	35.1	47.0	51.3	51.8	51.3	48.2	63.9	63.7	63.6
7	**34.8**	63.8	64.3	66.2	66.7	66.6	66.6	66.6	66.7	66.5	66.6	66.5	70.4	66.5	66.6	66.6	67.2	66.7	66.7	69.2	69.1	68.5	64.9	61.5	35.7	35.0	35.5	34.9	34.9	34.9	34.8	35.0	47.1	51.5	52.2	51.7	48.7	63.7	63.5	63.4
8	**37.7**	63.5	64.0	66.0	66.5	70.4	70.4	70.4	70.4	70.3	70.4	70.2	70.1	70.3	70.4	70.4	66.9	66.5	66.5	69.1	69.0	68.3	64.8	61.4	35.7	35.0	35.5	34.9	34.9	34.9	34.8	35.0	47.1	51.5	52.5	51.9	48.9	63.5	63.3	63.2
9	**40.7**	63.3	63.7	65.7	70.3	70.2	70.2	70.2	70.2	70.1	70.2	70.0	69.9	70.0	70.2	70.1	66.8	70.4	70.3	69.0	68.9	68.2	64.8	61.3	35.6	35.0	35.4	34.9	34.9	34.8	34.8	35.0	47.1	51.5	52.8	52.2	49.3	63.4	63.1	63.0
10	**43.7**	63.1	63.5	65.4	70.1	70.0	69.9	70.0	70.0	69.9	70.0	69.8	69.7	69.8	69.9	69.9	66.6	70.2	70.3	68.9	68.7	68.2	64.7	61.3	35.6	35.0	35.4	34.9	34.9	34.8	34.8	35.0	47.1	51.6	52.9	52.4	49.6	63.2	62.9	62.7
11	**46.7**	62.8	63.3	65.2	69.9	69.8	69.7	69.8	69.8	69.7	69.8	69.6	69.5	69.6	69.7	69.7	70.4	70.1	70.1	68.8	68.7	68.1	64.6	61.2	35.6	34.9	35.4	34.9	34.9	34.8	34.8	35.0	47.1	51.5	52.9	52.4	49.9	63.0	62.7	62.5
12	**49.6**	62.6	63.0	64.9	69.7	69.6	69.6	69.7	69.7	69.5	69.6	69.4	69.3	69.5	69.6	69.5	70.3	69.9	70.0	68.7	68.6	68.0	64.6	61.1	35.6	34.9	35.4	34.9	34.8	34.8	34.8	35.0	47.0	51.5	53.0	52.5	50.0	62.8	62.5	62.3
13	**52.6**	62.4	62.8	64.7	69.5	69.4	69.4	69.5	69.5	69.3	69.5	69.3	69.2	69.3	69.4	69.4	70.1	69.9	69.9	68.6	68.5	68.0	64.5	61.1	35.5	34.9	35.4	34.9	34.8	34.8	34.7	35.0	47.0	51.5	53.0	52.5	50.1	62.6	62.3	62.1
14	**55.6**	62.2	62.6	64.5	69.4	69.3	69.3	69.4	69.4	69.2	69.3	69.1	69.0	69.2	69.3	69.2	70.0	69.7	69.8	68.5	68.4	67.9	64.4	61.0	35.5	34.9	35.4	34.8	34.8	34.7	34.7	34.9	46.9	51.4	53.0	52.5	50.1	62.4	62.2	61.9
15	**58.6**	62.0	62.4	64.2	69.3	69.2	69.1	69.2	69.2	69.1	69.2	69.0	68.9	69.0	69.1	69.1	69.9	69.6	69.7	68.5	68.3	67.8	64.4	60.9	35.5	34.9	35.3	34.8	34.8	34.7	34.7	34.9	46.9	51.4	53.0	52.4	50.2	62.3	62.0	61.7
16	**61.5**	61.8	62.2	64.0	69.1	69.0	69.0	69.1	69.1	68.9	69.0	68.9	68.8	68.9	69.0	69.0	69.8	69.5	69.6	68.4	68.3	67.8	64.3	60.9	35.5	34.8	35.3	34.8	34.8	34.7	34.6	34.9	46.8	51.3	52.9	52.5	50.2	62.1	61.8	61.6
17	**64.5**	61.6	62.0	63.8	69.0	68.9	68.9	69.0	69.0	68.8	68.9	68.7	68.7	68.8	68.9	68.8	69.7	69.5	69.5	68.4	68.2	67.7	64.2	60.8	35.4	34.7	35.2	34.7	34.7	34.7	34.7	34.9	46.8	51.3	52.9	52.4	50.2	61.9	61.6	61.4
18	**67.5**	61.4	61.8	63.6	68.9	68.8	68.8	68.8	68.9	68.7	68.8	68.6	68.5	68.7	68.7	68.7	69.6	69.4	69.4	68.3	68.2	67.6	64.2	60.8	35.7	35.0	35.6	35.1	35.0	35.0	35.0	35.2	46.7	51.2	52.9	52.4	50.2	61.8	61.4	61.2
19	**70.5**	61.2	61.6	63.4	68.8	68.7	68.7	68.7	68.7	68.6	68.7	68.5	68.4	68.6	68.6	68.6	69.5	69.3	69.3	68.3	68.1	67.6	64.1	60.7	36.4	35.7	36.2	35.7	35.7	35.8	35.6	35.9	46.7	51.1	52.8	52.4	50.2	61.6	61.3	61.0
20	**73.4**	61.1	61.4	63.3	68.7	68.6	68.6	68.6	68.6	68.5	68.6	68.4	68.3	68.5	68.5	68.5	69.4	69.2	69.3	68.2	68.0	67.5	64.1	60.7	37.5	36.8	37.3	36.8	36.8	36.9	36.6	36.9	46.7	51.1	52.8	52.3	50.2	61.5	61.1	60.9
21	**76.4**	60.9	61.2	63.1	68.6	68.5	68.5	68.5	68.5	68.4	68.5	68.3	68.2	68.3	68.4	68.4	69.4	69.1	69.2	68.1	68.0	67.5	64.0	60.6	38.8	38.1	38.6	38.1	38.0	38.2	37.8	38.1	46.9	51.1	52.8	52.3	50.2	61.3	61.0	60.7
22	**79.4**	60.7	61.1	62.9	68.5	68.4	68.4	68.4	68.5	68.3	68.4	68.2	68.1	68.3	68.4	68.3	69.3	69.1	69.1	68.1	67.9	67.4	64.0	60.6	40.3	39.6	40.1	39.5	39.5	39.5	39.3	39.4	46.9	51.1	52.8	52.3	50.2	61.2	60.8	60.6
23	**82.4**	60.6	60.9	62.8	68.4	68.3	68.3	68.3	68.4	68.2	68.3	68.1	68.0	68.2	68.2	68.2	69.2	69.0	69.1	68.0	67.9	67.4	63.9	60.6	42.0	41.3	41.7	41.2	41.1	41.1	40.8	40.9	47.2	51.2	52.8	52.3	50.3	61.0	60.7	60.4
24	**85.3**	60.4	60.8	62.6	68.3	68.3	68.2	68.2	68.3	68.1	68.2	68.0	67.9	68.1	68.2	68.1	69.1	68.9	69.0	68.0	67.8	67.3	63.9	60.5	43.9	43.2	43.5	43.0	42.9	42.9	42.6	42.6	47.6	51.3	52.8	52.4	50.4	60.9	60.5	60.3
25	**88.3**	60.3	60.6	62.5	68.2	68.2	68.1	68.2	68.2	68.0	68.1	67.9	67.8	68.0	68.1	68.0	69.1	68.9	68.9	68.0	67.8	67.3	63.9	60.6	46.1	45.4	45.6	45.1	44.9	44.8	44.5	44.5	48.2	51.5	52.9	52.5	50.5	60.7	60.4	60.1
26	**91.3**	60.1	60.5	62.3	68.2	68.0	68.0	68.1	68.1	67.9	68.0	67.8	67.7	67.9	68.0	67.9	69.1	68.8	68.9	68.0	67.8	67.3	64.0	60.7	48.7	48.0	48.0	47.5	47.2	47.1	46.7	46.7	49.1	51.9	53.1	52.7	50.8	60.6	60.2	60.0
27	**94.3**	60.0	60.3	62.2	68.1	68.0	68.0	68.0	68.0	67.9	68.0	67.8	67.7	67.8	67.9	67.8	69.1	68.9	69.0	68.1	67.9	67.4	64.2	61.2	52.3	51.5	51.3	50.6	50.3	50.1	49.5	49.5	50.7	52.7	53.6	53.1	51.3	60.5	60.1	59.8
28																																							
29																																							
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Floor	mPD Level of Noise Assessment	Tower 2																															
		201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234
1	**17.8**	60.5	60.6	60.2	59.9	61.2	62.0	64.4	65.4	66.4	69.0	67.2	67.0	67.2	68.8	69.0	68.8	68.2	68.0	67.9	67.7	67.6	67.6	67.4	67.2	67.2	67.0	67.3	63.9	64.6	65.1	66.4	59.4	59.6	60.1
2	**20.8**	60.5	60.6	60.1	59.8	61.1	61.9	64.2	65.2	66.2	68.8	67.1	66.8	67.0	68.6	68.9	68.7	68.2	68.0	67.9	67.7	67.6	67.6	67.5	67.4	67.3	67.2	67.6	64.6	65.2	65.6	66.8	59.4	59.6	60.1
3	**23.8**	60.4	60.5	60.0	59.7	61.0	61.8	64.1	65.1	66.0	68.6	67.0	66.7	66.9	68.4	68.9	68.6	68.2	68.0	67.9	67.7	67.6	67.7	67.5	67.4	67.4	67.3	67.9	65.1	65.6	65.9	67.2	59.3	59.5	60.0
4	**26.7**	60.3	60.4	59.9	59.6	60.8	61.6	63.9	64.9	65.8	68.4	66.8	66.5	66.7	68.3	68.7	68.5	68.1	67.9	67.9	67.7	67.7	67.7	67.6	67.5	67.4	67.3	68.1	65.5	65.9	66.3	67.4	59.2	59.4	59.9
5	**29.7**	60.2	60.3	59.8	59.5	60.7	61.5	63.7	64.7	65.6	68.1	66.7	70.4	66.5	68.1	68.6	68.5	68.0	67.9	67.9	67.7	67.6	67.7	67.5	67.5	67.5	67.3	68.2	65.7	66.2	66.5	67.6	59.2	59.4	59.8
6	**32.7**	60.1	60.1	59.6	59.4	60.5	61.3	63.5	64.5	65.3	67.9	66.5	70.3	70.4	67.9	68.5	68.3	68.0	67.8	67.8	67.6	67.6	67.6	67.5	67.5	67.4	67.3	68.2	65.8	66.3	66.6	67.7	59.1	59.3	59.7
7	**35.7**	59.9	60.0	59.5	59.2	60.4	61.2	63.3	64.2	65.1	67.8	70.4	70.1	70.2	67.7	68.4	68.3	67.9	67.8	67.8	67.6	67.5	67.6	67.5	67.4	67.4	67.3	68.2	65.9	66.3	66.6	67.7	59.0	59.2	59.6
8	**38.6**	59.8	59.9	59.4	59.1	60.2	61.0	63.1	64.0	64.9	67.6	70.3	70.0	70.0	67.6	68.3	68.2	67.8	67.7	67.7	67.6	67.5	67.5	67.5	67.4	67.4	67.3	68.2	65.8	66.4	66.7	67.8	58.9	59.2	59.5
9	**41.6**	59.7	59.8	59.2	58.9	60.1	60.8	63.0	63.8	64.6	67.4	70.2	69.9	69.9	67.5	68.2	68.1	67.7	67.6	67.6	67.5	67.5	67.5	67.4	67.4	67.4	67.3	68.2	65.8	66.4	66.7	67.7	58.8	59.1	59.4
10	**44.6**	59.6	59.6	59.1	58.8	59.9	60.6	62.8	63.6	64.4	67.3	70.1	69.8	69.8	67.3	68.1	68.0	67.7	67.6	67.6	67.4	67.4	67.5	67.4	67.3	67.3	67.2	68.2	65.8	66.3	66.6	67.7	58.7	59.0	59.3
11	**47.6**	59.4	59.5	58.9	58.6	59.7	60.5	62.6	63.4	64.2	67.2	70.0	69.7	69.7	67.2	68.0	67.9	67.6	67.5	67.5	67.4	67.4	67.4	67.3	67.3	67.3	67.2	68.1	65.8	66.3	66.6	67.7	58.6	58.8	59.2
12	**50.5**	59.4	59.3	58.8	58.5	59.6	60.3	62.4	63.2	64.0	67.0	69.9	69.6	69.6	67.1	67.9	67.8	67.6	67.5	67.5	67.3	67.3	67.3	67.3	67.2	67.2	67.1	68.1	65.7	66.3	66.6	67.7	58.5	58.7	59.1
13	**53.5**	59.2	59.2	58.6	58.3	59.4	60.1	62.2	63.0	63.7	66.9	69.8	69.5	69.4	67.0	67.8	67.7	67.5	67.4	67.4	67.3	67.3	67.3	67.2	67.2	67.2	67.1	68.1	65.7	66.2	66.6	67.6	58.4	58.6	58.9
14	**56.5**	59.1	59.1	58.5	58.1	59.3	59.9	62.0	62.8	63.5	66.8	69.7	69.4	69.3	66.9	67.8	67.7	67.4	67.3	67.3	67.2	67.2	67.3	67.2	67.2	67.2	67.1	68.0	65.6	66.2	66.5	67.6	58.3	58.5	58.8
15	**59.5**	59.0	58.9	58.3	58.0	59.1	59.8	61.8	62.6	63.3	66.7	69.6	69.3	69.2	66.8	67.7	67.6	67.3	67.3	67.3	67.2	67.1	67.2	67.1	67.1	67.1	67.0	68.0	65.6	66.2	66.5	67.6	58.2	58.4	58.7
16	**62.4**	58.8	58.8	58.2	57.8	58.9	59.6	61.7	62.4	63.2	66.6	69.5	69.2	69.1	66.7	67.6	67.5	67.3	67.2	67.2	67.1	67.1	67.1	67.1	67.1	67.1	67.0	67.9	65.6	66.1	66.4	67.5	58.1	58.3	58.6
17	**65.4**	58.7	58.6	58.0	57.7	58.8	59.5	61.5	62.2	63.0	66.5	69.5	69.1	69.0	66.6	67.5	67.5	67.2	67.2	67.2	67.1	67.0	67.1	67.0	67.0	67.0	66.9	67.9	65.5	66.1	66.4	67.5	58.0	58.1	58.4
18	**68.4**	58.6	58.6	57.9	57.6	58.6	59.3	61.3	62.0	62.8	70.4	69.4	69.0	69.0	66.5	67.5	67.4	67.2	67.1	67.1	67.0	67.0	67.0	67.0	67.0	67.0	66.9	67.8	65.5	66.0	66.4	67.4	57.9	58.0	58.3
19	**71.4**	58.4	58.4	57.8	57.4	58.5	59.2	61.2	61.9	62.6	70.3	69.3	69.0	68.9	70.4	67.4	67.3	67.1	67.0	67.1	67.0	66.9	67.0	66.9	66.9	66.9	66.8	67.8	65.4	66.0	66.3	67.4	57.8	57.9	58.2
20	**74.3**	58.3	58.3	57.6	57.3	58.3	59.0	61.0	61.7	62.5	70.2	69.2	68.9	68.8	70.3	67.3	67.3	67.0	67.0	67.0	66.9	66.9	66.9	66.9	66.9	66.8	66.8	67.7	65.4	65.9	66.3	67.3	57.7	57.8	58.1
21	**77.3**	58.2	58.2	57.5	57.1	58.2	58.9	60.9	61.5	62.3	70.1	69.2	68.8	68.7	70.3	67.3	67.2	67.0	66.9	66.9	66.8	66.8	66.9	66.8	66.8	66.8	66.7	67.7	65.3	65.9	66.2	67.3	57.5	57.7	58.0
22	**80.3**	58.1	58.0	57.4	57.0	58.1	58.7	60.7	61.4	62.1	70.1	69.1	68.7	68.6	70.2	67.2	67.1	66.9	66.9	66.9	66.8	66.8	66.8	66.8	66.7	66.7	66.7	67.6	65.3	65.9	66.2	67.3	57.4	57.6	57.9
23	**83.3**	57.9	57.9	57.2	56.9	57.9	58.6	60.6	61.2	62.0	70.0	69.0	68.7	68.5	70.1	67.1	67.1	66.9	66.8	66.8	66.7	66.7	66.8	66.7	66.7	66.7	66.6	67.6	65.2	65.8	66.2	67.2	57.3	57.4	57.8
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Floor	mPD Level of Noise Assessment	Tower 3																																							
		301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339
1	**16.9**	51.4	51.1	51.4	59.7	59.1	58.9	58.9	59.1	59.0	59.1	58.9	59.0	59.2	59.3	59.5	62.4	66.2	66.9	67.3	67.8	68.0	68.1	66.4	64.3	64.1	64.0	63.7	63.6	63.5	63.4	63.3	63.1	63.0	62.8	62.6	62.4	52.6	52.5	51.9
2	**19.9**	51.4	51.1	51.4	59.7	59.1	58.8	58.9	59.0	58.9	59.0	58.9	59.0	59.2	59.3	59.4	63.2	66.7	67.3	67.6	68.1	68.2	68.3	66.8	64.9	64.7	64.6	64.3	64.2	64.2	64.0	63.9	63.7	63.6	63.4	63.2	63.1	52.6	52.5	51.9
3	**22.9**	51.4	51.0	51.4	59.7	59.1	58.8	58.8	59.0	58.9	59.0	58.9	58.9	59.1	59.2	59.4	63.7	67.0	67.5	67.9	68.3	68.4	68.5	67.1	65.3	65.1	65.0	64.7	64.6	64.6	64.5	64.3	64.2	64.1	63.9	63.7	63.5	52.6	52.5	51.9
4	**25.8**	51.4	51.0	51.3	59.7	59.1	58.9	58.9	59.0	58.9	58.9	58.8	58.9	59.1	59.2	59.3	64.1	67.2	67.7	68.1	68.5	68.6	68.7	67.3	65.6	65.4	65.3	65.1	65.0	64.9	64.8	64.7	64.5	64.4	64.2	64.1	63.9	52.5	52.5	51.8
5	**28.8**	51.3	51.0	51.3	59.7	59.1	58.8	58.9	59.0	58.8	58.9	58.8	58.8	59.0	59.1	59.3	64.4	67.4	67.9	68.2	68.6	68.8	68.8	67.5	65.9	65.7	65.6	65.3	65.2	65.2	65.1	65.0	64.8	64.7	64.5	64.4	64.2	52.5	52.4	51.8
6	**31.8**	51.3	50.9	51.2	59.7	59.1	58.9	58.9	58.9	58.8	58.8	58.7	58.8	59.0	59.0	59.2	64.6	67.5	68.0	68.4	68.8	68.9	68.9	67.6	66.1	65.9	65.8	65.6	65.5	65.4	65.3	65.2	65.1	64.9	64.7	64.6	64.4	52.5	52.4	51.7
7	**34.8**	51.2	50.8	51.2	59.7	59.2	58.9	58.9	59.0	58.8	58.8	58.7	58.7	58.9	59.0	59.1	64.7	67.6	68.1	68.4	68.8	69.0	69.0	67.7	66.3	66.1	66.0	65.8	65.7	65.7	65.5	65.4	65.3	65.2	64.9	64.8	64.7	52.4	52.4	51.7
8	**37.7**	51.2	50.8	51.2	59.7	59.2	58.9	58.9	58.9	58.7	58.7	58.6	58.7	58.8	58.9	59.0	64.8	67.6	68.1	68.5	68.9	69.0	69.1	67.8	66.4	66.3	66.2	65.9	65.8	65.8	65.7	65.6	65.5	65.4	65.1	65.0	64.9	52.4	52.3	51.7
9	**40.7**	51.1	50.7	51.1	59.8	59.2	59.0	58.9	58.9	58.6	58.6	58.5	58.6	58.7	58.8	58.9	64.8	67.6	68.1	68.5	68.9	69.0	69.1	67.9	66.5	66.4	66.2	66.0	65.9	65.9	65.8	65.7	65.6	65.5	65.3	65.2	65.1	52.4	52.2	51.6
10	**43.7**	51.0	50.6	51.0	59.8	59.3	59.0	59.0	59.0	58.7	58.6	58.4	58.5	58.7	58.7	58.9	64.8	67.6	68.1	68.4	68.8	69.0	69.1	67.9	66.5	66.4	66.3	66.1	66.0	66.0	65.9	65.8	65.7	65.6	65.4	65.3	65.2	52.3	52.2	51.6
11	**46.7**	51.0	50.6	51.0	59.9	59.4	59.1	59.0	59.0	58.6	58.5	58.3	58.4	58.6	58.6	58.8	64.7	67.6	68.1	68.4	68.8	69.0	69.1	67.9	66.5	66.4	66.3	66.1	66.0	66.0	65.9	65.8	65.7	65.6	65.5	65.3	65.3	52.2	52.1	51.5
12	**49.6**	51.0	50.5	50.9	59.9	59.4	59.1	59.1	59.0	58.6	58.5	58.3	58.4	58.5	58.5	58.7	64.7	67.5	68.0	68.4	68.8	68.9	69.0	67.8	66.5	66.4	66.3	66.1	66.0	66.0	65.9	65.8	65.7	65.7	65.5	65.4	65.3	52.2	52.1	51.5
13	**52.6**	50.9	50.5	50.9	60.0	59.5	59.2	59.1	58.9	58.5	58.4	58.2	58.3	58.4	58.4	58.6	64.6	67.5	68.0	68.4	68.8	68.9	69.0	67.8	66.5	66.3	66.3	66.1	66.0	66.0	65.9	65.8	65.7	65.7	65.5	65.4	65.3	52.2	52.0	51.4
14	**55.6**	50.8	50.4	50.8	60.1	59.6	59.3	59.1	58.9	58.4	58.3	58.1	58.2	58.3	58.3	58.5	64.6	67.5	68.0	68.3	68.7	68.9	69.0	67.8	66.4	66.3	66.2	66.1	66.0	66.0	65.9	65.8	65.7	65.7	65.5	65.4	65.3	52.1	52.0	51.3
15	**58.6**	50.8	50.3	50.7	60.1	59.7	59.3	59.1	58.9	58.4	58.2	58.0	58.1	58.2	58.2	58.3	64.5	67.4	67.9	68.3	68.7	68.8	69.0	67.8	66.4	66.3	66.2	66.0	66.0	66.0	65.9	65.8	65.7	65.6	65.5	65.4	65.3	52.0	51.9	51.2
16	**61.5**	50.7	50.3	50.6	60.2	59.7	59.3	59.2	58.9	58.4	58.2	57.9	58.0	58.1	58.1	58.2	64.4	67.4	67.9	68.3	68.7	68.8	68.9	67.7	66.4	66.3	66.2	66.0	65.9	65.9	65.9	65.8	65.7	65.6	65.5	65.4	65.3	52.0	51.9	51.2
17	**64.5**	50.6	50.2	50.6	60.2	59.7	59.4	59.2	59.0	58.4	58.1	57.8	57.9	58.0	58.0	58.1	64.4	67.3	67.9	68.2	68.6	68.8	68.9	67.7	66.3	66.2	66.1	66.0	65.9	65.9	65.8	65.8	65.6	65.6	65.5	65.4	65.3	51.9	51.8	51.1
18	**67.5**	50.5	50.1	50.5	60.3	59.8	59.4	59.1	59.0	58.3	58.0	57.7	57.8	57.9	57.9	58.0	64.3	67.3	67.8	68.2	68.6	68.7	68.8	67.6	66.3	66.2	66.1	65.9	65.8	65.9	65.8	65.7	65.6	65.5	65.4	65.3	65.3	51.8	51.7	51.1
19	**70.5**	50.4	50.0	50.4	60.2	59.8	59.4	59.1	58.9	58.3	57.9	57.7	57.7	57.8	57.8	57.9	64.2	67.2	67.8	68.1	68.5	68.7	68.8	67.6	66.2	66.1	66.1	65.9	65.8	65.8	65.7	65.6	65.6	65.5	65.4	65.3	65.2	51.7	51.7	51.0
20	**73.4**	50.4	50.0	50.4	60.3	59.8	59.4	59.1	58.9	58.3	57.9	57.6	57.6	57.8	57.8	57.9	64.2	67.2	67.8	68.1	68.5	68.6	68.8	67.6	66.2	66.1	66.0	65.8	65.8	65.8	65.7	65.6	65.5	65.5	65.3	65.3	65.2	51.7	51.6	50.9
21	**76.4**	50.3	49.9	50.3	60.2	59.8	59.4	59.2	58.9	58.2	57.8	57.5	57.5	57.7	57.7	57.8	64.1	67.1	67.7	68.1	68.5	68.6	68.7	67.5	66.2	66.0	66.0	65.8	65.7	65.7	65.6	65.6	65.5	65.5	65.3	65.2	65.2	51.6	51.6	50.9
22	**79.4**	50.3	49.8	50.2	60.3	59.8	59.4	59.2	58.8	58.2	57.8	57.4	57.5	57.6	57.6	57.7	64.1	67.1	67.7	68.0	68.4	68.6	68.7	67.5	66.1	66.0	65.9	65.8	65.7	65.7	65.6	65.6	65.5	65.4	65.3	65.2	65.1	51.6	51.5	50.8
23	**82.4**	50.2	49.7	50.1	60.3	59.8	59.4	59.2	58.8	58.2	57.8	57.4	57.4	57.6	57.6	57.7	64.1	67.1	67.6	68.0	68.4	68.5	68.6	67.4	66.1	65.9	65.9	65.7	65.7	65.7	65.6	65.5	65.4	65.4	65.2	65.2	65.1	51.5	51.4	50.7
24	**85.3**	50.1	49.7	50.1	60.3	59.8	59.4	59.2	58.8	58.2	57.8	57.4	57.4	57.6	57.6	57.7	64.2	67.1	67.6	68.0	68.3	68.5	68.6	67.4	66.0	65.9	65.9	65.7	65.6	65.6	65.5	65.5	65.4	65.3	65.2	65.1	65.1	51.4	51.3	50.6
25	**88.3**	50.0	49.6	50.0	60.3	59.9	59.5	59.2	58.9	58.2	57.8	57.5	57.6	57.7	57.7	57.9	64.8	67.1	67.6	68.0	68.3	68.5	68.6	67.4	66.0	65.9	65.8	65.6	65.5	65.6	65.5	65.4	65.3	65.3	65.2	65.1	65.0	51.4	51.3	50.5
26	**91.3**	49.9	49.5	49.9	60.3	59.9	59.5	59.2	58.9	58.3	58.0	57.7	57.8	58.0	58.1	58.4	66.1	67.3	67.8	68.0	68.4	68.5	68.5	67.3	65.9	65.8	65.8	65.6	65.5	65.5	65.5	65.4	65.3	65.2	65.1	65.0	65.0	51.3	51.2	50.5
27	**94.3**	49.8	49.4	49.8	60.4	60.0	59.6	59.4	59.1	58.7	58.5	58.2	58.4	58.8	59.2	59.7	66.8	67.7	68.2	68.3	68.6	68.6	68.5	67.3	65.9	65.8	65.7	65.5	65.5	65.5	65.4	65.3	65.3	65.2	65.1	65.0	64.9	51.2	51.1	50.5
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Floor	mPD Level of Noise Assessment	Tower 4																															
		401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434
1	**16.9**	59.4	60.5	60.5	61.2	61.1	61.1	61.0	60.9	60.9	60.6	60.4	60.3	60.0	59.8	59.5	59.2	58.4	58.0	57.7	24.9	20.6	17.3	56.0	56.2	56.0	51.4	49.0	55.6	51.6	28.2	57.0	57.1	53.5	59.8
2	**19.9**	59.4	60.5	60.5	61.2	61.1	61.1	61.0	60.9	60.8	60.6	60.4	60.2	60.0	59.8	59.5	59.2	58.3	58.0	57.7	24.8	20.6	17.3	56.9	57.0	56.9	53.0	51.0	56.6	53.2	29.0	57.9	58.0	55.0	59.8
3	**22.9**	59.3	60.5	60.5	61.2	61.1	61.1	60.9	60.8	60.8	60.6	60.3	60.2	60.0	59.8	59.4	59.2	58.3	58.0	57.7	24.8	20.6	17.3	57.5	57.7	57.6	54.1	52.2	57.3	54.3	29.9	58.6	58.7	55.9	59.8
4	**25.8**	59.3	60.5	60.4	61.1	61.1	61.0	60.9	60.8	60.8	60.6	60.3	60.2	60.0	59.7	59.4	59.2	58.3	58.0	57.6	24.8	20.6	17.3	57.9	58.1	58.0	54.8	53.0	57.8	55.0	30.9	59.0	59.1	56.6	59.8
5	**28.8**	59.3	60.5	60.4	61.1	61.0	61.0	60.9	60.8	60.7	60.5	60.3	60.1	59.9	59.7	59.4	59.1	58.2	57.9	57.6	24.8	20.6	17.3	58.2	58.4	58.3	55.2	53.5	58.1	55.4	31.9	59.4	59.5	56.9	59.8
6	**31.8**	59.2	60.4	60.3	61.0	61.0	60.9	60.9	60.7	60.7	60.5	60.2	60.1	59.9	59.6	59.3	59.1	58.2	57.9	57.6	24.8	20.6	17.3	58.6	58.8	58.6	55.5	53.9	58.4	55.7	33.1	59.6	59.7	57.1	59.8
7	**34.8**	59.2	60.4	60.3	61.0	60.9	60.9	60.8	60.7	60.6	60.5	60.2	60.0	59.8	59.6	59.3	59.1	58.2	57.9	57.5	24.8	20.6	17.3	58.9	59.1	58.9	55.9	54.3	58.6	56.0	34.1	59.9	60.0	57.5	59.7
8	**37.7**	59.2	60.4	60.3	60.9	60.9	60.9	60.8	60.6	60.6	60.4	60.1	60.0	59.8	59.5	59.3	59.0	58.1	57.8	57.5	24.7	20.5	17.3	59.3	59.4	59.2	56.2	54.6	58.9	56.4	35.6	60.1	60.3	57.8	59.7
9	**40.7**	59.2	60.4	60.3	60.9	60.9	60.8	60.7	60.6	60.5	60.3	60.1	60.0	59.7	59.5	59.2	59.0	58.1	57.8	57.5	24.7	20.5	17.3	59.5	59.6	59.4	56.5	55.0	59.1	56.6	37.1	60.3	60.5	58.0	59.7
10	**43.7**	59.1	60.3	60.2	60.9	60.8	60.8	60.7	60.5	60.5	60.3	60.0	59.9	59.6	59.4	59.2	58.9	58.0	57.7	57.4	24.7	20.5	17.3	59.8	59.8	59.6	56.7	55.1	59.2	56.8	39.3	60.4	60.6	58.2	59.7
11	**46.7**	59.1	60.3	60.2	60.8	60.7	60.7	60.6	60.5	60.4	60.2	60.0	59.8	59.6	59.4	59.1	58.9	58.0	57.7	57.4	24.6	20.5	17.3	59.9	59.9	59.6	56.8	55.3	59.3	56.9	40.9	60.5	60.8	58.4	59.6
12	**49.6**	59.1	60.2	60.1	60.8	60.7	60.6	60.6	60.4	60.3	60.2	59.9	59.8	59.5	59.3	59.0	58.8	57.9	57.6	57.3	24.6	20.5	17.3	60.0	60.0	59.7	57.0	55.5	59.4	57.1	42.6	60.6	60.9	58.6	59.6
13	**52.6**	59.1	60.2	60.1	60.7	60.6	60.6	60.5	60.4	60.3	60.1	59.8	59.7	59.5	59.2	59.0	58.7	57.9	57.6	57.3	24.6	20.5	17.3	60.1	60.2	59.8	57.1	55.6	59.5	57.2	43.8	60.7	61.0	58.7	59.6
14	**55.6**	59.0	60.1	60.0	60.6	60.6	60.5	60.4	60.3	60.2	60.0	59.7	59.6	59.4	59.2	58.9	58.7	57.8	57.5	57.2	24.5	20.5	17.3	60.2	60.2	59.9	57.2	55.7	59.6	57.3	44.6	60.8	61.1	58.7	59.5
15	**58.6**	59.0	60.1	60.0	60.6	60.5	60.4	60.4	60.2	60.2	60.0	59.7	59.5	59.3	59.1	58.8	58.6	57.7	57.4	57.2	24.5	20.5	17.3	60.3	60.3	59.9	57.3	55.8	59.6	57.4	45.2	60.8	61.1	58.7	59.5
16	**61.5**	59.0	60.1	60.0	60.5	60.4	60.4	60.3	60.1	60.1	59.9	59.6	59.4	59.2	59.0	58.7	58.6	57.6	57.3	57.1	24.5	20.4	17.2	60.3	60.3	60.0	57.4	55.9	59.6	57.4	45.6	60.8	61.1	58.7	59.5
17	**64.5**	58.9	60.0	59.9	60.5	60.4	60.3	60.2	60.1	60.0	59.8	59.6	59.4	59.2	58.9	58.7	58.6	57.6	57.3	57.0	24.4	20.4	17.2	60.4	60.3	60.0	57.4	55.9	59.6	57.5	45.9	60.8	61.1	58.7	59.4
18	**67.5**	58.9	59.9	59.8	60.4	60.3	60.3	60.1	60.0	59.9	59.8	59.5	59.3	59.1	58.9	58.6	58.5	57.5	57.2	57.0	24.4	20.4	17.2	60.4	60.3	60.0	57.4	55.9	59.6	57.4	46.2	60.8	61.1	58.6	59.3
19	**70.5**	58.9	59.9	59.8	60.3	60.2	60.2	60.1	60.0	59.9	59.7	59.4	59.3	59.0	58.8	58.5	58.4	57.4	57.1	56.9	24.3	20.3	17.2	60.4	60.3	60.0	57.4	55.9	59.6	57.4	46.3	60.8	61.1	58.6	59.3
20	**73.4**	58.8	59.9	59.7	60.3	60.2	60.1	60.0	59.9	59.8	59.6	59.3	59.2	58.9	58.7	58.5	58.3	57.3	57.0	56.8	24.3	20.3	17.2	60.4	60.3	60.0	57.4	55.9	59.6	57.4	46.4	60.8	61.1	58.5	59.3
21	**76.4**	58.8	59.8	59.7	60.2	60.1	60.1	60.0	59.8	59.7	59.5	59.2	59.1	58.9	58.6	58.4	58.3	57.3	57.0	56.7	24.1	20.3	17.2	60.4	60.3	60.0	57.4	55.8	59.5	57.4	46.4	60.8	61.1	58.5	59.2
22	**79.4**	58.7	59.8	59.6	60.1	60.0	60.0	59.9	59.7	59.7	59.5	59.2	59.0	58.8	58.6	58.3	58.2	57.2	56.9	56.7	24.3	20.6	17.9	60.4	60.3	59.9	57.3	55.8	59.5	57.3	46.4	60.7	61.1	58.4	59.2
23	**82.4**	58.7	59.7	59.6	60.1	60.0	59.9	59.8	59.7	59.6	59.4	59.1	58.9	58.7	58.5	58.2	58.2	57.2	56.8	56.6	24.5	21.1	18.6	60.3	60.3	59.9	57.3	55.7	59.5	57.3	46.4	60.7	61.0	58.4	59.2
24	**85.3**	58.7	59.7	59.6	60.0	59.9	59.9	59.8	59.6	59.6	59.4	59.1	58.9	58.6	58.4	58.2	58.1	57.1	56.7	56.5	24.8	21.8	19.4	60.3	60.2	59.9	57.3	55.7	59.4	57.3	46.3	60.7	61.0	58.3	59.1
25	**88.3**	58.7	59.6	59.5	60.0	59.8	59.8	59.7	59.5	59.5	59.3	59.0	58.8	58.6	58.4	58.1	58.1	57.0	56.6	56.4	25.1	22.6	20.4	60.3	60.2	59.8	57.2	55.7	59.4	57.2	46.2	60.6	61.0	58.3	59.1
26	**91.3**	58.7	59.6	59.5	59.9	59.8	59.8	59.7	59.5	59.4	59.2	58.9	58.8	58.5	58.3	58.0	58.0	56.9	56.6	56.4	25.6	23.4	21.4	60.2	60.2	59.8	57.2	55.6	59.4	57.2	46.2	60.6	60.9	58.2	59.1
27	**94.3**	58.7	59.6	59.5	59.9	59.8	59.7	59.6	59.4	59.4	59.2	58.9	58.7	58.4	58.2	58.0	58.0	56.9	56.5	56.3	26.3	24.5	22.5	60.2	60.1	59.7	57.1	55.6	59.3	57.1	46.1	60.6	60.9	58.2	59.1
28	**97.2**	58.7	59.6	59.5	59.9	59.8	59.7	59.5	59.4	59.3	59.1	58.8	58.6	58.4	58.2	57.9	57.9	56.8	56.4	56.2	27.2	25.6	23.7	60.2	60.1	59.7	57.1	55.6	59.3	57.1	46.1	60.5	60.8	58.2	59.2
29																																			
30																																			

Floor	mPD Level of Noise Assessment	Tower 5																																										
		501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543
1	**19.9**	60.8	61.3	62.8	62.9	62.1	61.1	61.5	61.6	61.5	61.3	61.1	61.0	60.9	60.8	60.6	57.7	51.7	49.5	54.4	57.7	58.7	54.6	54.6	23.1	0.0	52.7	54.2	52.9	52.9	52.6	49.8	48.0	53.0	52.9	46.2	0.0	25.0	56.0	55.9	55.8	53.8	56.1	56.1
2	**22.9**	60.8	61.2	62.8	62.8	62.1	61.1	61.5	61.5	61.5	61.2	61.1	60.9	60.9	60.7	60.6	57.7	51.7	49.5	54.6	57.7	58.9	55.2	55.1	23.1	0.0	53.3	54.7	52.9	52.9	52.6	49.8	48.0	53.0	52.9	46.2	0.0	25.0	56.0	55.9	55.8	53.8	56.1	56.1
3	**25.9**	60.8	61.2	62.8	62.8	62.0	61.0	61.5	61.5	61.5	61.2	61.1	60.9	60.9	60.7	60.6	57.7	51.6	49.5	54.9	57.8	59.0	55.6	55.5	23.1	0.0	53.7	55.1	52.9	52.9	52.6	49.8	48.0	53.0	52.9	46.2	0.0	25.0	56.0	55.9	55.8	53.8	56.0	56.1
4	**28.8**	60.7	61.2	62.7	62.7	62.0	61.0	61.4	61.5	61.4	61.2	61.0	60.9	60.8	60.7	60.5	57.6	51.6	49.6	55.0	57.8	59.0	55.9	55.8	23.1	0.0	54.1	55.4	52.9	52.9	52.6	49.8	47.9	53.0	52.9	46.2	0.0	24.9	56.0	55.8	55.8	53.8	56.0	56.1
5	**31.8**	60.7	61.1	62.7	62.7	61.9	61.0	61.4	61.4	61.4	61.1	61.0	60.8	60.8	60.6	60.5	57.6	51.6	49.5	55.1	57.8	59.1	56.2	56.1	23.1	0.0	54.4	55.7	52.9	52.9	52.6	49.8	47.9	53.0	52.9	46.1	0.0	24.9	55.9	55.8	55.7	53.8	56.0	56.0
6	**34.8**	60.7	61.1	62.6	62.6	61.8	60.9	61.3	61.4	61.3	61.1	60.9	60.8	60.7	60.6	60.5	57.5	51.5	49.5	55.2	57.9	59.2	56.5	56.4	23.1	0.0	54.7	56.1	52.8	52.8	52.6	49.8	47.9	53.0	52.9	46.1	0.0	24.9	55.9	55.8	55.7	53.7	56.0	56.0
7	**37.8**	60.6	61.0	62.5	62.5	61.8	60.8	61.3	61.3	61.3	61.0	60.9	60.7	60.7	60.5	60.4	57.5	51.5	49.5	55.4	57.9	59.3	56.9	56.8	23.0	0.0	55.1	56.5	52.8	52.8	52.6	49.8	47.9	53.0	52.8	46.1	0.0	24.9	55.9	55.7	55.7	53.7	55.9	56.0
8	**40.7**	60.5	60.9	62.4	62.5	61.7	60.8	61.2	61.2	61.2	60.9	60.8	60.7	60.6	60.5	60.3	57.4	51.4	49.7	55.6	58.0	59.4	57.2	57.1	23.0	0.0	55.3	56.8	52.8	52.8	52.6	49.8	47.9	53.0	52.8	46.1	0.0	24.8	55.8	55.7	55.6	53.7	55.9	56.0
9	**43.7**	60.4	60.8	62.4	62.4	61.6	60.7	61.1	61.2	61.1	60.9	60.7	60.6	60.5	60.4	60.3	57.4	51.4	49.8	55.8	58.1	59.5	57.5	57.4	23.0	0.0	55.5	57.0	52.8	52.8	52.6	49.7	47.9	52.9	52.8	46.1	0.0	24.8	55.8	55.7	55.6	53.7	55.8	55.9
10	**46.7**	60.4	60.8	62.3	62.3	61.5	60.6	61.0	61.1	61.0	60.8	60.7	60.5	60.5	60.3	60.2	57.3	51.3	50.0	56.0	58.1	59.7	57.8	57.8	23.0	0.0	55.7	57.3	52.7	52.8	52.5	49.7	47.9	52.9	52.7	46.1	0.0	24.8	55.8	55.6	55.6	53.6	55.8	55.9
11	**49.7**	60.3	60.7	62.2	62.2	61.4	60.5	60.9	61.0	61.0	60.7	60.6	60.5	60.4	60.2	60.1	57.2	51.2	50.0	56.1	58.1	59.7	58.1	58.0	22.9	0.0	55.8	57.5	52.7	52.8	52.5	49.7	47.9	52.9	52.7	46.1	0.0	24.8	55.7	55.6	55.5	53.6	55.7	55.8
12	**52.6**	60.2	60.7	62.1	62.1	61.3	60.4	60.9	60.9	60.9	60.6	60.5	60.4	60.3	60.2	60.1	57.2	51.2	50.1	56.1	58.1	59.7	58.3	58.2	22.9	0.0	56.0	57.7	52.7	52.7	52.5	49.7	47.8	52.9	52.7	46.0	0.0	24.7	55.7	55.5	55.5	53.5	55.7	55.8
13	**55.6**	60.1	60.6	62.0	62.0	61.3	60.3	60.8	60.8	60.8	60.6	60.4	60.3	60.2	60.1	60.0	57.1	51.1	50.1	56.1	58.1	59.7	58.4	58.3	22.9	0.0	56.1	57.8	52.7	52.7	52.5	49.7	47.8	52.8	52.7	46.0	0.0	24.7	55.6	55.5	55.5	53.5	55.7	55.7
14	**58.6**	60.0	60.5	61.9	61.9	61.2	60.2	60.7	60.8	60.7	60.5	60.3	60.2	60.2	60.0	59.9	57.0	51.0	50.1	56.1	58.1	59.7	58.5	58.4	22.9	0.0	56.2	58.0	52.7	52.6	52.4	49.7	47.8	52.8	52.6	46.0	0.0	24.7	55.6	55.4	55.4	53.5	55.6	55.7
15	**61.6**	60.0	60.4	61.8	61.8	61.1	60.1	60.6	60.7	60.6	60.4	60.3	60.2	60.1	59.9	59.8	57.0	51.0	50.1	56.2	58.1	59.7	58.6	58.6	22.8	0.0	56.3	58.1	52.6	52.6	52.4	49.6	47.8	52.7	52.6	46.0	0.0	24.6	55.5	55.4	55.3	53.5	55.5	55.6
16	**64.5**	59.9	60.3	61.7	61.7	61.0	60.0	60.5	60.6	60.5	60.3	60.2	60.1	60.0	59.9	59.8	56.9	50.9	50.1	56.2	58.0	59.8	58.7	58.7	22.8	0.0	56.4	58.2	52.6	52.6	52.4	49.6	47.8	52.7	52.6	46.0	0.0	24.6	55.5	55.4	55.3	53.4	55.5	55.6
17	**67.5**	59.8	60.2	61.6	61.6	60.9	59.9	60.4	60.5	60.4	60.2	60.1	60.0	59.9	59.8	59.7	56.8	50.8	50.1	56.2	58.0	59.7	58.8	58.8	22.8	0.0	56.5	58.3	52.6	52.6	52.3	49.6	47.8	52.7	52.6	45.9	0.0	24.5	55.4	55.3	55.2	53.4	55.5	55.5
18	**70.5**	59.7	60.1	61.5	61.5	60.8	59.8	60.3	60.4	60.3	60.1	60.0	59.9	59.8	59.7	59.6	56.7	50.7	50.2	56.2	58.0	59.7	58.9	58.8	22.8	0.0	56.6	58.4	52.5	52.6	52.3	49.6	47.7	52.7	52.5	45.9	0.0	24.5	55.4	55.2	55.2	53.4	55.4	55.4
19	**73.5**	59.6	60.0	61.4	61.4	60.7	59.7	60.2	60.3	60.2	60.0	59.9	59.8	59.7	59.6	59.5	56.6	50.7	50.2	56.2	57.9	59.7	58.9	58.9	22.7	0.0	56.6	58.5	52.5	52.5	52.3	49.6	47.7	52.6	52.5	45.9	0.0	24.5	55.3	55.2	55.1	53.3	55.4	55.4
20	**76.4**	59.5	59.9	61.3	61.3	60.5	59.6	60.1	60.2	60.1	60.0	59.8	59.7	59.7	59.5	59.4	56.6	50.6	50.3	56.2	57.9	59.7	59.0	58.9	22.7	0.0	56.7	58.5	52.5	52.5	52.2	49.5	47.7	52.6	52.4	45.9	0.0	24.4	55.3	55.2	55.1	53.3	55.3	55.3
21	**79.4**	59.4	59.8	61.2	61.2	60.4	59.5	60.0	60.1	60.0	59.9	59.7	59.6	59.6	59.4	59.3	56.5	50.5	50.3	56.2	57.9	59.6	59.0	59.0	22.6	0.0	56.8	58.6	52.4	52.4	52.2	49.5	47.7	52.5	52.4	45.8	0.0	24.4	55.2	55.1	55.0	53.2	55.2	55.3
22	**82.4**	59.3	59.7	61.1	61.1	60.3	59.5	59.9	60.0	59.9	59.8	59.6	59.5	59.5	59.3	59.3	56.4	50.4	50.3	56.2	57.8	59.6	59.0	59.0	22.6	0.0	56.8	58.7	52.4	52.4	52.1	49.5	47.7	52.5	52.4	45.8	0.0	24.3	55.2	55.0	55.0	53.2	55.2	55.2
23	**85.4**	59.3	59.6	61.0	61.0	60.2	59.4	59.8	59.9	59.8	59.7	59.5	59.5	59.4	59.2	59.2	56.3	50.3	50.3	56.1	57.7	59.6	59.1	59.0	22.6	0.0	56.8	58.7	52.4	52.4	52.1	49.5	47.6	52.5	52.3	45.8	0.0	24.0	55.1	55.0	54.9	53.1	55.1	55.1
24	**88.3**	59.2	59.6	60.9	60.9	60.1	59.3	59.7	59.8	59.8	59.6	59.5	59.4	59.3	59.2	59.1	56.2	50.3	50.3	56.1	57.7	59.5	59.1	59.0	23.4	0.0	56.9	58.7	52.4	52.3	52.1	49.4	47.6	52.5	52.3	45.8	0.0	24.5	55.0	54.9	54.9	53.1	55.1	55.1
25	**91.3**	59.1	59.5	60.8	60.8	60.0	59.2	59.6	59.7	59.7	59.5	59.4	59.3	59.2	59.1	59.0	56.2	50.2	50.4	56.1	57.6	59.5	59.1	59.0	25.7	0.0	56.9	58.8	52.3	52.3	52.0	49.4	47.6	52.4	52.3	45.7	0.0	26.7	55.0	54.8	54.8	53.1	55.0	55.0
26	**94.3**	59.0	59.4	60.7	60.7	59.9	59.1	59.5	59.6	59.6	59.4	59.3	59.2	59.1	59.0	58.9	56.1	50.2	50.3	56.0	57.6	59.4	59.1	59.0	29.0	0.0	56.9	58.8	52.3	52.3	52.0	49.4	47.6	52.4	52.2	45.7	0.0	30.2	54.9	54.8	54.7	53.0	54.9	54.9
27	**97.3**	58.9	59.3	60.6	60.6	59.8	59.0	59.4	59.5	59.5	59.3	59.2	59.1	59.1	58.9	58.8	56.0	50.2	50.4	56.0	57.5	59.4	59.1	59.0	33.8	0.0	56.9	58.8	52.2	52.2	52.0	49.3	47.5	52.3	52.2	45.8	0.0	36.9	54.9	54.7	54.7	53.0	54.8	54.9
28																																												
29																																												
30																																												

| | mPD Level of Noise | Tower 6 | | |

Floor	mPD Level of Noise Assessment	Tower 7																																						
		701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739
1	**8.7**	59.0	59.3	59.5	59.7	60.0	60.0	60.1	60.5	60.5	60.9	61.1	61.0	61.6	57.6	65.9	67.2	69.6	69.8	70.4	66.9	68.7	68.6	67.0	70.4	70.1	69.9	69.4	69.3	68.8	68.4	68.1	67.8	66.8	66.2	57.9	59.2	37.4	37.5	36.7
2	**11.7**	59.0	59.3	59.5	59.6	60.0	60.0	60.0	60.5	60.4	60.8	61.0	61.0	61.5	57.5	65.8	67.1	69.4	69.6	70.2	66.6	68.3	68.2	66.8	70.2	70.0	69.8	69.3	69.2	68.7	68.3	68.1	67.7	66.7	66.1	57.8	59.2	37.7	37.6	36.7
3	**14.7**	58.9	59.2	59.5	59.6	59.9	59.9	60.0	60.4	60.4	60.8	61.0	60.9	61.4	57.4	65.6	66.7	69.1	69.3	69.8	70.2	67.9	67.8	66.5	69.9	69.8	69.6	69.2	69.0	68.6	68.2	68.0	67.6	66.6	66.1	57.9	59.1	37.9	37.8	36.9
4	**17.6**	58.9	59.2	59.4	59.5	59.9	59.9	59.9	60.3	60.3	60.7	60.8	60.8	61.3	57.3	65.4	66.5	68.8	69.0	69.5	69.9	67.4	67.3	70.2	69.7	69.6	69.4	69.0	68.9	68.4	68.1	67.9	67.5	66.5	66.0	57.8	59.1	38.3	38.0	37.0
5	**20.6**	58.8	59.1	59.3	59.4	59.8	59.8	59.8	60.2	60.2	60.6	60.7	60.6	61.1	57.2	65.2	70.1	68.5	68.7	69.1	69.5	66.9	66.9	69.9	69.4	69.3	69.2	68.8	68.7	68.3	68.0	67.7	67.4	66.4	65.9	57.7	59.1	38.7	38.2	37.1
6	**23.6**	58.8	59.1	59.3	59.4	59.7	59.7	59.7	60.1	60.1	60.5	60.6	60.5	61.0	57.0	65.0	69.8	68.2	68.3	68.8	69.1	66.6	66.5	69.6	69.1	69.1	69.0	68.6	68.6	68.1	67.8	67.6	67.3	66.3	65.7	57.7	59.0	39.1	38.4	37.2
7	**26.6**	58.7	59.0	59.2	59.3	59.6	59.6	59.6	60.0	60.0	60.3	60.4	60.3	60.8	56.9	64.7	69.5	67.9	68.0	68.4	68.7	70.2	70.2	69.3	68.9	68.8	68.7	68.5	68.4	68.0	67.7	67.5	67.1	66.2	65.6	57.7	59.0	39.5	38.6	37.3
8	**29.5**	58.6	58.9	59.1	59.2	59.5	59.5	59.5	59.9	59.8	60.2	60.3	60.2	60.6	56.7	64.4	69.2	67.6	67.7	68.1	68.3	69.9	69.9	69.0	68.6	68.6	68.5	68.3	68.2	67.8	67.5	67.3	67.0	66.1	65.5	57.6	58.8	39.7	38.8	37.4
9	**32.5**	58.6	58.8	59.0	59.1	59.4	59.4	59.4	59.8	59.7	60.0	60.1	60.0	60.4	56.5	64.2	69.0	67.3	67.4	67.8	68.0	69.6	69.6	68.8	68.4	68.4	68.3	68.1	68.0	67.7	67.4	67.2	66.8	65.9	65.3	57.5	58.8	39.9	38.8	37.4
10	**35.5**	58.5	58.7	59.0	59.0	59.3	59.3	59.3	59.6	59.6	59.9	60.0	59.9	60.2	56.3	64.0	68.6	67.1	67.1	67.5	67.7	69.3	69.3	68.5	68.2	68.2	68.2	67.9	67.9	67.5	67.2	67.0	66.7	65.8	65.2	57.5	58.8	40.0	38.9	37.5
11	**38.5**	58.4	58.7	58.8	58.9	59.2	59.2	59.2	59.5	59.5	59.7	59.8	59.7	60.0	56.2	63.7	68.4	66.8	66.9	67.2	67.5	69.1	69.1	68.4	68.1	68.1	68.0	67.8	67.7	67.4	67.1	66.9	66.6	65.7	65.1	57.4	58.7	40.0	39.0	37.5
12	**41.4**	58.3	58.6	58.7	58.8	59.1	59.0	59.1	59.4	59.3	59.6	59.6	59.5	59.8	56.0	63.5	68.2	66.6	66.6	66.9	67.2	68.8	68.9	68.2	67.9	67.9	67.8	67.6	67.6	67.2	67.0	66.8	66.4	65.6	65.0	57.3	58.7	40.1	39.0	37.5
13	**44.4**	58.2	58.5	58.6	58.7	59.0	58.9	58.9	59.3	59.1	59.4	59.5	59.4	59.7	55.8	63.3	68.0	66.4	66.4	66.7	67.0	68.6	68.7	68.0	67.7	67.8	67.7	67.5	67.5	67.1	66.8	66.7	66.3	65.5	64.8	57.3	58.7	40.2	39.0	37.5
14	**47.4**	58.1	58.4	58.5	58.6	58.9	58.8	58.8	59.1	59.1	59.3	59.3	59.2	59.5	55.7	63.1	67.8	66.2	66.1	66.5	66.7	68.4	68.6	67.9	67.6	67.6	67.6	67.4	67.4	67.0	66.7	66.5	66.2	65.3	64.8	57.2	58.7	40.2	39.1	37.5
15	**50.4**	58.0	58.3	58.4	58.5	58.7	58.7	58.7	59.0	58.9	59.1	59.1	59.0	59.3	55.5	62.9	67.6	66.0	66.0	66.3	66.5	68.2	68.4	67.7	67.5	67.5	67.4	67.2	67.2	66.9	66.6	66.4	66.1	65.2	64.6	57.2	58.7	40.3	39.1	37.4
16	**53.3**	57.9	58.2	58.3	58.4	58.6	58.5	58.5	58.9	58.7	59.0	59.0	58.9	59.1	55.3	62.7	67.5	65.8	65.8	66.1	66.3	68.1	68.3	67.6	67.4	67.3	67.3	67.1	67.1	66.8	66.5	66.3	66.0	65.2	64.5	57.1	58.7	40.3	39.1	37.4
17	**56.3**	57.8	58.1	58.2	58.2	58.5	58.4	58.4	58.7	58.6	58.8	58.9	58.7	58.9	55.2	62.5	67.3	65.7	65.6	65.9	66.2	67.9	68.1	67.5	67.3	67.2	67.2	67.0	67.0	66.7	66.4	66.3	65.9	65.0	64.4	57.1	58.7	40.3	39.1	37.4
18	**59.3**	57.7	58.0	58.1	58.1	58.4	58.3	58.3	58.6	58.5	58.7	58.7	58.5	58.8	55.0	62.3	67.1	65.5	65.4	65.7	66.0	67.8	68.0	67.4	67.2	67.1	67.1	66.9	66.9	66.6	66.3	66.1	65.8	64.9	64.3	57.0	58.7	40.2	39.0	37.3
19	**62.3**	57.6	57.9	58.0	58.1	58.2	58.2	58.2	58.5	58.3	58.6	58.6	58.4	58.6	54.9	62.1	67.0	65.4	65.3	65.6	65.9	67.6	67.9	67.3	67.1	67.0	67.0	66.8	66.8	66.5	66.2	66.0	65.8	64.9	64.2	57.0	58.7	40.3	39.1	37.3
20	**65.2**	57.5	57.8	57.8	57.9	58.2	58.1	58.0	58.3	58.2	58.4	58.4	58.2	58.4	54.7	61.9	66.8	65.2	65.1	65.4	65.7	67.5	67.8	67.2	67.0	66.9	66.9	66.8	66.8	66.4	66.2	65.9	65.7	64.8	64.1	57.0	58.8	40.3	39.1	37.4
21	**68.2**	57.4	57.6	57.8	57.8	58.1	57.9	57.9	58.2	58.1	58.3	58.3	58.1	58.3	54.6	61.7	66.7	65.1	65.0	65.3	65.6	67.4	67.7	67.1	66.9	66.9	66.8	66.7	66.7	66.3	66.1	65.9	65.5	64.7	64.0	56.9	58.7	40.4	39.2	37.5
22	**71.2**	57.3	57.5	57.7	57.7	57.9	57.8	57.8	58.1	57.9	58.2	58.1	57.9	58.2	54.5	61.6	66.6	65.0	64.8	65.2	65.4	67.3	67.6	67.0	66.8	66.8	66.8	66.6	66.6	66.3	66.0	65.8	65.5	64.6	64.0	56.9	58.7	40.5	39.4	37.7
23	**74.2**	57.2	57.4	57.6	57.6	57.8	57.7	57.7	57.9	57.8	58.0	58.0	57.8	58.0	54.3	61.5	66.5	64.9	64.7	65.0	65.3	67.2	67.5	67.0	66.7	66.7	66.7	66.5	66.5	66.2	65.9	65.7	65.4	64.5	63.9	56.9	58.7	40.6	39.6	37.9
24	**77.1**	57.1	57.4	57.5	57.5	57.7	57.6	57.5	57.8	57.7	57.9	57.9	57.7	57.8	54.2	61.3	66.4	64.8	64.6	64.9	65.2	67.0	67.4	66.9	66.7	66.6	66.6	66.5	66.4	66.1	65.8	65.7	65.3	64.5	63.8	56.8	58.7	40.7	39.8	38.1
25	**80.1**	57.0	57.2	57.4	57.4	57.6	57.5	57.4	57.7	57.5	57.8	57.7	57.5	57.8	54.0	61.1	66.3	64.7	64.5	64.8	65.1	67.0	67.3	66.8	66.6	66.6	66.5	66.4	66.4	66.0	65.8	65.6	65.3	64.4	63.7	56.8	58.7	41.0	40.2	38.7
26	**83.1**	56.9	57.1	57.3	57.2	57.5	57.4	57.3	57.6	57.5	57.7	57.6	57.4	57.6	54.0	61.0	66.2	64.6	64.4	64.7	65.0	66.9	67.2	66.7	66.5	66.5	66.5	66.3	66.3	66.0	65.7	65.5	65.2	64.3	63.7	56.9	58.7	41.4	40.8	39.3
27	**86.1**	56.8	57.1	57.2	57.1	57.4	57.2	57.3	57.5	57.3	57.5	57.5	57.3	57.5	53.8	60.8	66.1	64.5	64.2	64.6	64.8	66.8	67.1	66.6	66.5	66.5	66.4	66.2	66.2	65.9	65.6	65.4	65.1	64.3	63.6	56.8	58.8	41.9	41.5	40.1
28	**89.0**	56.8	57.0	57.1	57.1	57.3	57.1	57.1	57.4	57.2	57.4	57.4	57.2	57.4	53.7	60.7	66.0	64.4	64.2	64.5	64.7	66.7	67.1	66.6	66.4	66.4	66.3	66.2	66.1	65.8	65.6	65.4	65.1	64.2	63.5	56.9	58.7	42.5	42.2	41.0
29	**92.0**	56.7	56.9	57.0	57.0	57.2	57.1	57.0	57.3	57.1	57.3	57.3	57.1	57.2	53.7	60.6	65.9	64.3	64.0	64.4	64.6	66.6	67.0	66.5	66.3	66.3	66.3	66.1	66.1	65.8	65.5	65.3	65.0	64.1	63.5	57.1	58.8	43.2	43.1	41.9
30	**95.0**	56.6	56.8	56.9	56.9	57.1	57.0	56.9	57.2	57.0	57.2	57.2	56.9	57.1	54.1	60.4	65.8	64.2	64.0	64.4	64.7	66.5	66.9	66.5	66.3	66.3	66.2	66.1	66.1	65.7	65.5	65.3	65.0	64.1	63.5	57.6	58.8	44.0	44.2	42.9

APPENDIX 5

JUSTIFICATION OF SWLs

Job Title: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po, N.T.
Job no.: 22608

Table A5-1: Summary of Sound Power Levels of Fixed Noise Sources

Source ID	Industrial Site	Fixed Noise Sources	Quantity	Measured Sound Pressure Levels, dB(A)	Measured Distance from noise source (m)	Correction to single no. of source, dB(A)	Distance Correction, dB(A)	Correction for Tonal, dB(A)	Sound Power Levels, dB(A)	Sound Power Level of each plant adopted in the Fixed Noise Sources Assessment, dB(A)
B	Cheuk Shing Vehicle Repair Workshop	Air Compressor noise	1	72	5	0	22	0	**94**	**94**
C	Recycling Yard	Loading and unloading by crane	1	73	5	0	22	0	**95**	**95**
D	Car Repairing Workshop at Ting Kok Road	Electric screwdriver noise	1	70	8	0	26	0	**96**	**96**
F	KMB Bus Depot	Buses manoeuvring at ingress / egress inside the Bus Depot	1	72	3	0	18	0	**90**	**90**
H-1	Lee Kum Kee	Cooling towers	4	(reference to Product Catalogue)						**93**
H-2		Forklift	1	(reference to BS5228)						**104**
J	Hopewell Slipform	Crane	1	(reference to TM)						**105**
K	Techno Enterprise Limited	Cooling towers	2	(reference to Product Catalogue)						**93**
M	Luen Tai Hong	Cooling towers	6	(reference to Product Catalogue)						**93**
Q	Chiaphua Industries	Cooling towers	3	(reference to Product Catalogue)						**93**
R	Hitachi Chemical Electronic Materials (Hong Kong) Ltd.	Cooling towers	3	(reference to Product Catalogue)						**93**

Source ID: A (Tin Sam Sewage Pumping Station)



No industrial noise observed

Source ID: B (Cheuk Shing Vehicle Repair Workshop)

Photos taken on 16 May 2025





No industrial noise was observed.

Photos taken on 23 June 2022



Air compressor noise was observed, all operations were taken place within the steel cover

Westwood Hong & Associates Ltd	TITLE: FIGURE	
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Identified Fixed Noise Sources**	**A5-1**

Source ID: C (Recycling Yard)

Photos taken on 16 May 2025





A crane was observed

Photos taken on 23 June 2022





A lorry and a crane were observed

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Identified Fixed Noise Sources**	**A5-2**

Source ID: D (Car Repair Workshop at Ting Kok Road)

Photos taken on 16 May 2025



No industrial noise was observed.

Photos taken on 23 June 2022



Electric screwdriver was observed. All operations were taken place under the cover



Source ID: E (Site Office)



No industrial noise was observed

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Identified Fixed Noise Sources**	**A5-3**

Source ID: F (KMB Bus Depot)









Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Identified Fixed Noise Sources**	**A5-4**

Source ID: G (MTRC Tai Po Bus Station)

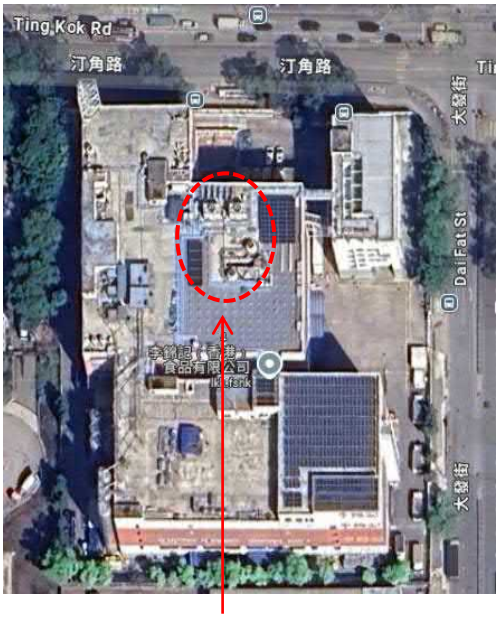




No industrial noise was observed

Gate was closed

Source ID: H (Lee Kum Kee)





4 cooling towers

A forklift was observed

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Identified Fixed Noise Sources**	**A5-5**

Source ID: J (Hopewell Slipform)

Photos taken on 16 May 2025



No industrial noise observed

Photos taken on 23 June 2022





A crane was observed

Source ID: K (Techno Enterprise Limited)



2 cooling towers were observed

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Identified Fixed Noise Sources**	**A5-6**

Source ID: L (Jackel Porter Co. Ltd)



No industrial noise was observed

Source ID: M (Luen Tai Hong)



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Identified Fixed Noise Sources**	**A5-7**

Source ID: N (OPC Manufacturing Ltd.)

Photos taken on 16 May 2025



Cooling towers were removed

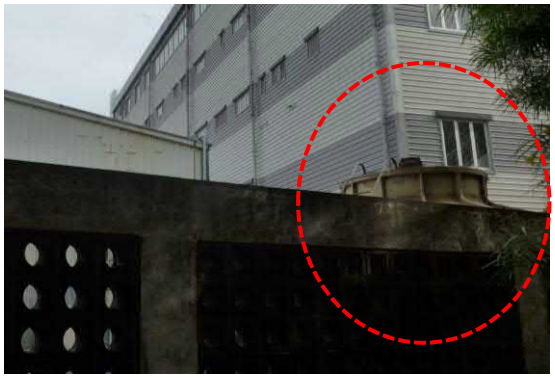


Cooling tower was removed

Photos taken on 23 June 2022



2 cooling towers (rooftop)



Cooling tower (ground level)

Source ID: P (Vantage Technology Ltd.)



No industrial noise was observed

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Identified Fixed Noise Sources**	**A5-8**

Source ID: Q (Chiaphua Industries)



Source ID: R (Hitachi Chemical Electronic Materials (Hong Kong) Ltd.)



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Identified Fixed Noise Sources**	**A5-9**

Product Catalogue

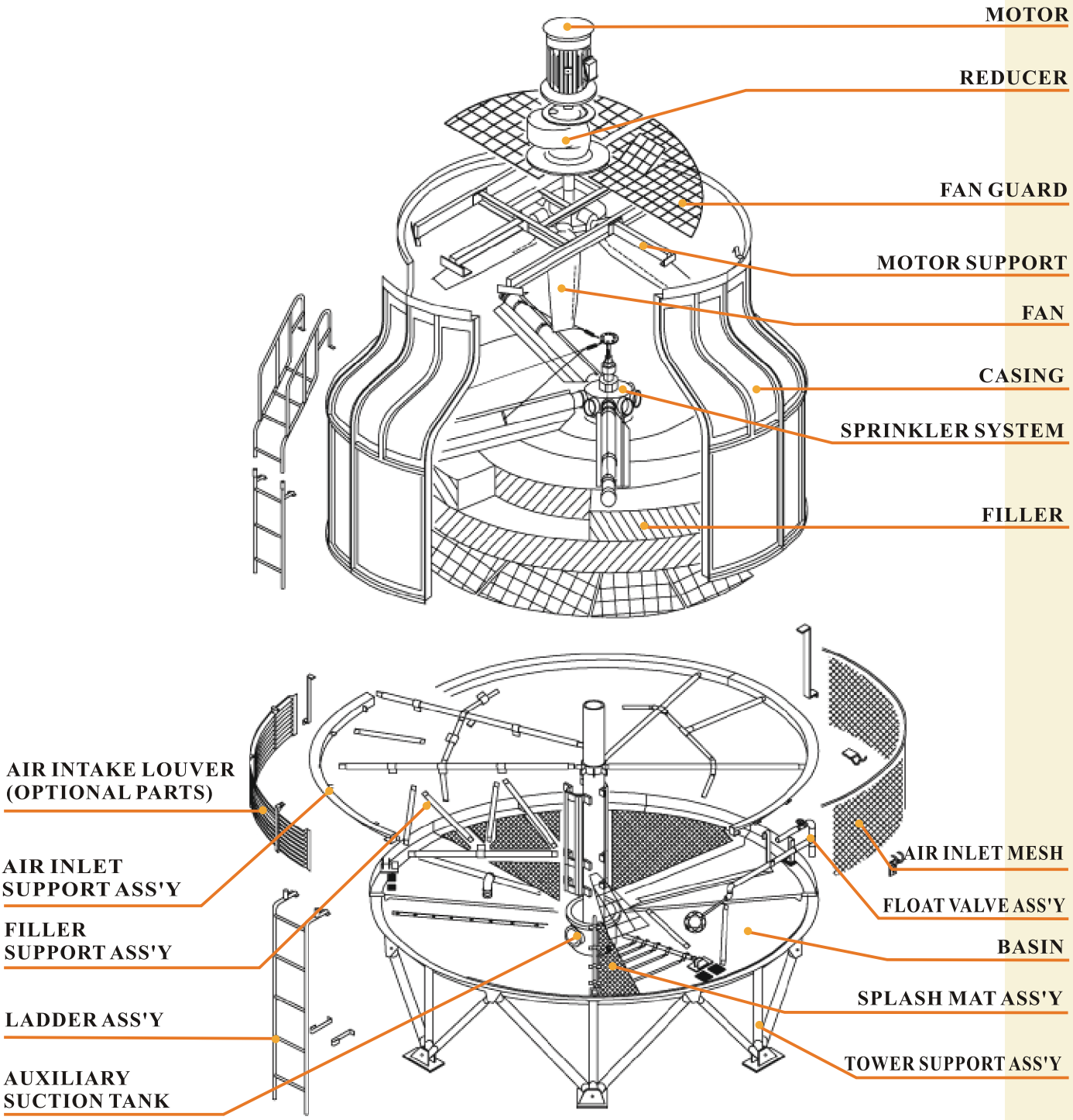
菱和
ryowo™

FRP COUNTER FLOW FT SERIES

COOLING TOWER



STRUCTURE



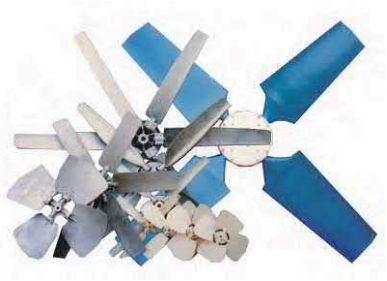
PRINCIPLE OF OPERATION

Hot water is distributed over the filler through the low velocity automatic sprinkler system and is mixed with the upward draft of ambient air causing evaporation and thus heat is removed from the water. The cooled water falls into the basin and is pumped to the heat sources for recirculation.

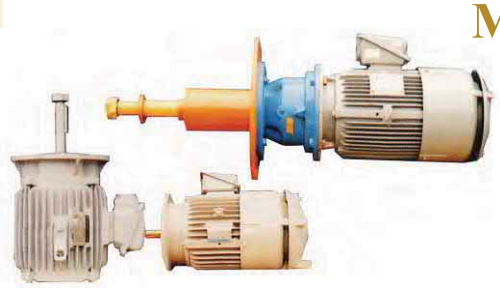
COMPONENT FUNCTION & FEATURE

AXIAL FAN

All fans are induced-draft axial type with adjustable pitch. Material chosen are non-corrosion of plastic, FRP or alu-minium alloy. The high efficiency design ensures low running cost and the lowest possible noise level . Fan blade pitches is factory set and balanced.



MOTOR



The motors, totally enclosed, fan cooled flange type, 380V/ 3ph/ 50 Hz, induction weather proof, are specially designed for RYOWO. Motors from 5.5 kw and up are Y- start and below are direct-on-line start.

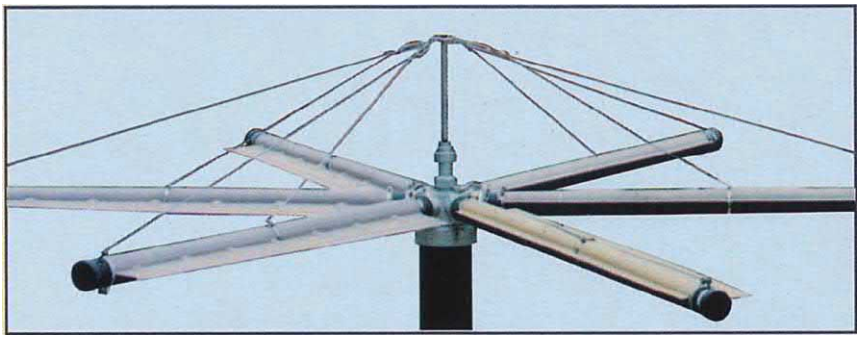
TRANSMISSION SYSTEM

The fans of small models are designed to be driven by low speed motor of 6,8,10 or 12 poles which can minimise the numbers of transmission parts used. For large models, the fans are vee-belt or gear driven with 4 poles motors so the speed of fans can be adjustable to suit various application.



SPRINKLER SYSTEM

Automatic rotary sprinkler system with rotary head and sprinkler pipe distributes the hot water over the entire face area of the filler. Sprinkler pipes are non-clogging, require low-pressure to operate, and assures uniform water flow with minimal operating pump head. The F.R.P. eliminators attached to sprinkler pipes are specifically designed for Low pre Ssure drop and minimises the drift loss of water.



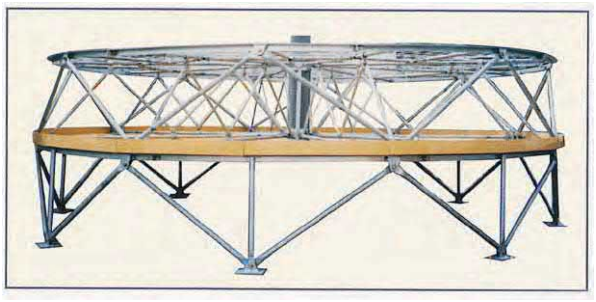
COMPONENT FUNCTION & FEATURE

CASING & BASIN

F.R.P. (fibreglass reinforced polyester) formed casings are durable, non-corrosive, weather-proof, and light weight. Cylindrical form is shaped to fully withstand wind pressure, vibration and such F.R.P. casings obliviate need for painting, reduce maintenance costs and guarantee long dependable service.

Bowl-shape basins are also made from F.R.P. with built in socket or flanged outlets for piping connections. For large models, a F.R.P. aux. suction tank is employed and fitted with piping flanges or sockets.





STEEL STRUCTURE

All supporting steel members are hot-dip galvanized to minimise rusting and corrosion ensuring long service life even in corrosive atmosphere. The stainless hardware members are also available upon request.

FILLER

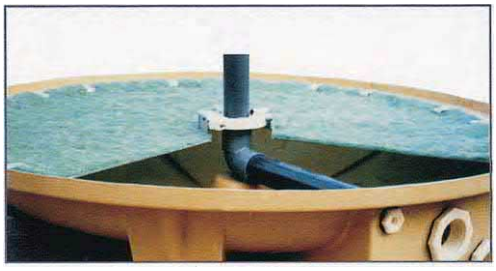
High performance RYOWO V-30 film filler is the heart of the tower. The specially formed PVC sheets maximize the air/water contact area and minimise air pressure drop to assure efficient heat transfer while keeping fan power requirement low. It is virtually immune to corrosion and decay.



Eliminator

Specially made drift eliminator consisted of 2 types of sheets forms a “v” shape path for the transmission of the cooling tower discharge air stream. The small water droplets in the stream impact the surfaces of the drift eliminator sheets and are separated from the stream such that the drift loss ratio maintain at less than 0.001% of circulating water flow rate.





SPLASH MAT (LOW NOISE MODELS)

Specially designed noise absorbing splash mat is provided for low noise models on the water basin to minimise the unpleasant water dripping noise in the basin.

FT-25

SPECIFICATION FOR FT SERIES

ITEM	MODEL			FT-8	FT-10	FT-15	FT-20	FT-25	FT-30	FT-40	FT-50	FT-60	FT-80	FT-100	FT-125	FT-150	FT-175	FT-200	FT-225	FT-250	FT-300	FT-350	FT-400	FT-500	FT-600	FT-700	FT-800	FT-1000
Capacity	27 ℃ WB	Circulating water flow rate	m^3/ hr	6.2	7.8	11.7	15.6	19.5	23.4	31.2	39.1	46.9	62.5	78.1	97.7	117.2	136.7	156.2	175.8	195.3	234.4	273.4	312.5	390.6	468.7	546.8	625.0	781.2
		Make-up water (Approx.)	m^3/ hr	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.6	0.7	0.9	1.1	1.4	1.7	2.0	2.2	2.5	2.8	3.4	3.9	4.5	5.6	6.7	7.8	8.9	11.2
	28 ℃ WB	Circulating water flow rate	m^3/ hr	5.6	7.4	10.6	14.4	17.8	21.5	28.7	36.3	42.5	58.8	70.6	88.2	107.5	125.0	142.5	160.0	176.2	212.5	250.0	287.5	337.5	431.2	512.4	575.0	718.7
		Make-up water (Approx.)	m^3/ hr	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	3.0	3.6	4.1	4.8	6.2	7.3	8.2	10.3
	Air flow rate (Approx.)		m^3/ min	70	85	140	160	230	280	330	420	450	700	830	950	1150	1200	1250	1600	1750	2000	2200	2450	2700	3500	3750	5000	5400
	Hot water temperature		℃	37																								
	Cold water temperature		℃	32																								
Overall Dimension	Diameter (ϕ)		mm	920	920	1160	1160	1490	1660	1660	1890	2100	2100	2900	2900	2900	3310	3310	3960	3960	4360	4760	4760	5600	6600	6600	7600	7600
	Height (H)		mm	1560	1700	1585	1835	1945	1885	2035	2110	2300	2475	2910	3110	3110	3300	3450	3920	3920	3990	4195	4255	4590	5310	5510	5660	5860
	Height (w/o motor) (m)		mm	1390	1530	1395	1645	1760	1720	1785	1860	1980	2155	2590	2790	2790	2880	3030	3300	3300	3290	3495	3495	3830	4470	4670	4720	4940
Material	Air inlet mesh			PVC																								
	Basin			FRP																								
	Casing			FRP																								
	Eliminator			FRP																								
	Fan			ABS Plastic					FRP								Aluminium alloy								FRP			
	Filler			PVC																								
	Motor support			Steel (Hot-dip galvanized)																								
	Sprinkler head			ABS Plastic					Aluminium alloy																			
	Sprinkler pipe			PVC pipe																								
	Stand pipe			PVC pipe																								
	Structure			Steel (Hot-dip galvanized)																								
Fan	TYPE			Axial-flow																								
	Diameter		mm	550	640			770		930		1200		1500			1800		2400			3000			3400		3700	
	Speed		rpm					970				750					600		450			375			314			
	Driven type			Direct driven															Belt driven						Gear driven			
Motor	TYPE			Totally enclosed fan cooled outdoor 3 phase induction motor																								
	Power source			380V / 3 / 50Hz																								
	Rated output		kw	0.18		0.37		0.5		1.5				2.2			3.7		5.5		7.5		11		15		22	
	No of pole		Pole	6								8					10		4									
Distribution System	TYPE			Automatic sprinkler system																								
	Inlet dia		mm	40		50			80			100		125		150			200					250			300	
	Outlet dia			15		20			40					65					75				100	75			100	
	No of outlet			4								6		4					6					8			10	
Piping	Inlet		mm	40		50			80			100		125		150			200					250			300	
	Outlet		mm	40		50			80			100		125		150			200					250			300	
	Drain		mm					25						50					80					100				
	Overflow		mm					25						50					80					100				
	Float valve		mm					15				20					25		32					50			80	
	Manual make-up		mm					15						20			25		32					50			80	
Weight	Dry weight		Kg	56	65	75	85	105	130	150	180	250	270	500	540	580	870	900	1300	1350	1550	1720	2050	2450	3950	4050	4700	4900
	Operating weight		Kg	140	150	200	210	290	370	390	550	840	860	1600	1640	1680	2170	2200	2700	2750	3350	3720	3950	6150	9350	9450	11900	12100
Noise Level	Sound pressure level		dBA	45.5	47	48	50	52	54	58	59	58	59	61	61.5	62	62	62	63	63	64	64.5	61.5	62	65	66	73	74

NOTE : Nominal cooling capacity is based on 13 ℓ / min / RT (1 RT=3,900 Kcal / hr) at 37°C inlet water tpmperature, 32°C outlet water temperature and 27°C ambient wet bulb temperature.

The SPLs are measured 16m horizontally from the edge of the tower at 1.5m above the foundation level.

Pump head is obtained by adding resistance of piping/condenser and the tower height(H).

The unit dimension in this catalogue is metric. Specifications listed in this catalogue are subject to change without further noticefor technical improvement of our products.

JOB REFERENCES



FT-400 X 2
Bank of China, Shen Zhen

FT/LN-600 X 11
Hotel Lisboa, Macau





FT-1000 X 3
FT-500 X 10
CITIC Plaza, Guangzhou

FT/LN-300 X 6
Hong Kong University



FT-200 X 2
Miami University, U.S.A



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No.263 MeiJing Road West,Dalang,Dongguan,Guangdong,PRC

Tel : (86)-769 89399698
Fax: (86)-769 82973398

(86)-769 89399699
Postal Code: 523795

COOLING TOWER MANUFACTURER SINCE 1978

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BROCH -EN-(04)-2018

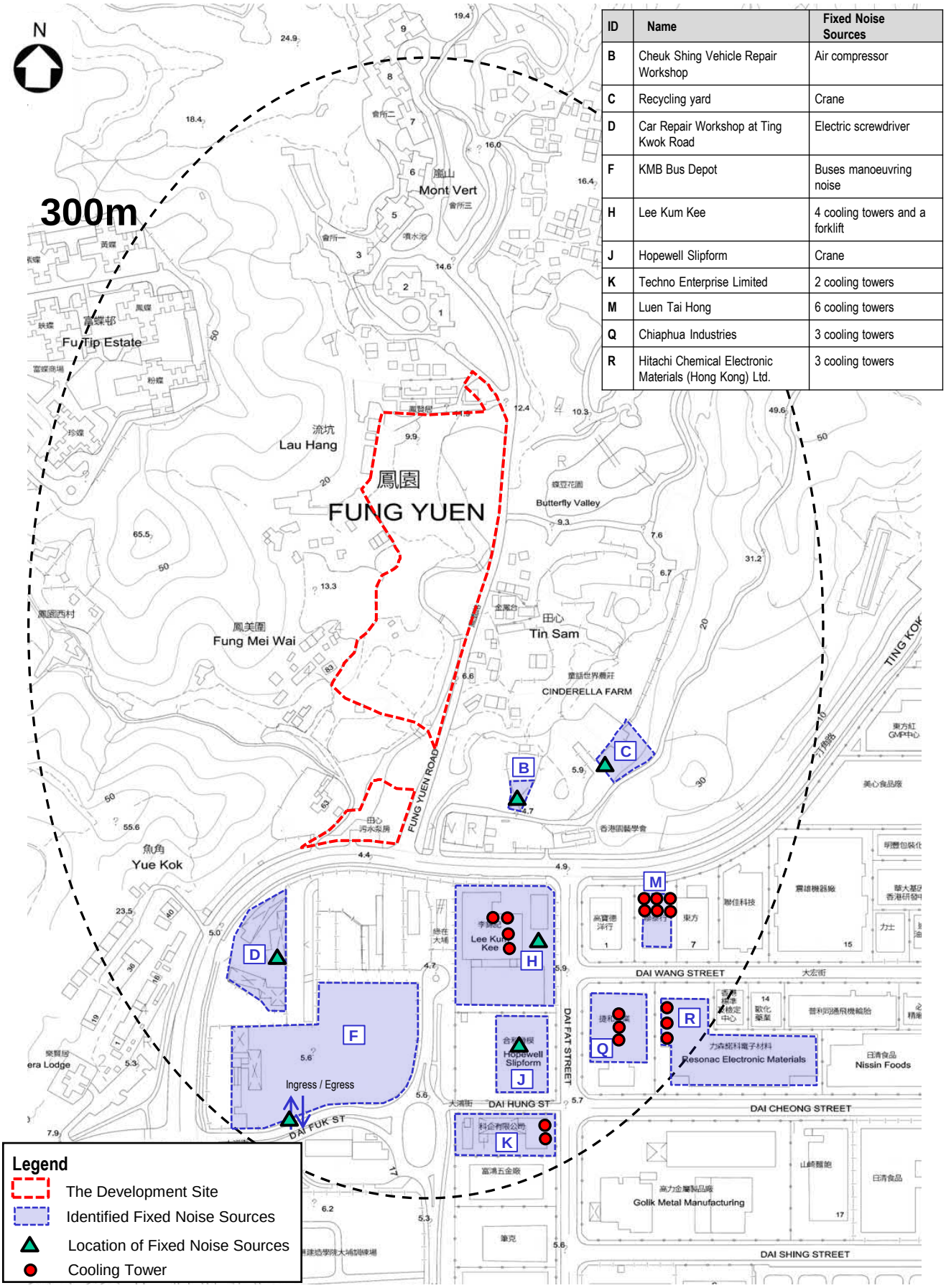
Job Title: Fung Yuen
Job no.: 22444

FT-25:

SPL	52 dB(A)	(refer to product catalogue)
Measurement distance (D)	16 m	
Correction	32.1	
SWL (SPL + 20*logD + 8)	84 dB(A)	
Corrections:		
Directivity:	**3**	
Deterioration:	**3**	
Tonality:	**3**	
SWL adopted in the assessment:	**93 dB(A)**	

APPENDIX 6

FIXED NOISE SOURCES ASSESSMENT FOR THE PROPOSED DEVELOPMENT



ID	Name	Fixed Noise Sources
B	Cheuk Shing Vehicle Repair Workshop	Air compressor
C	Recycling yard	Crane
D	Car Repair Workshop at Ting Kwok Road	Electric screwdriver
F	KMB Bus Depot	Buses manoeuvring noise
H	Lee Kum Kee	4 cooling towers and a forklift
J	Hopewell Slipform	Crane
K	Techno Enterprise Limited	2 cooling towers
M	Luen Tai Hong	6 cooling towers
Q	Chiaphua Industries	3 cooling towers
R	Hitachi Chemical Electronic Materials (Hong Kong) Ltd.	3 cooling towers

Westwood Hong & Associates Ltd

PROJECT: 22608

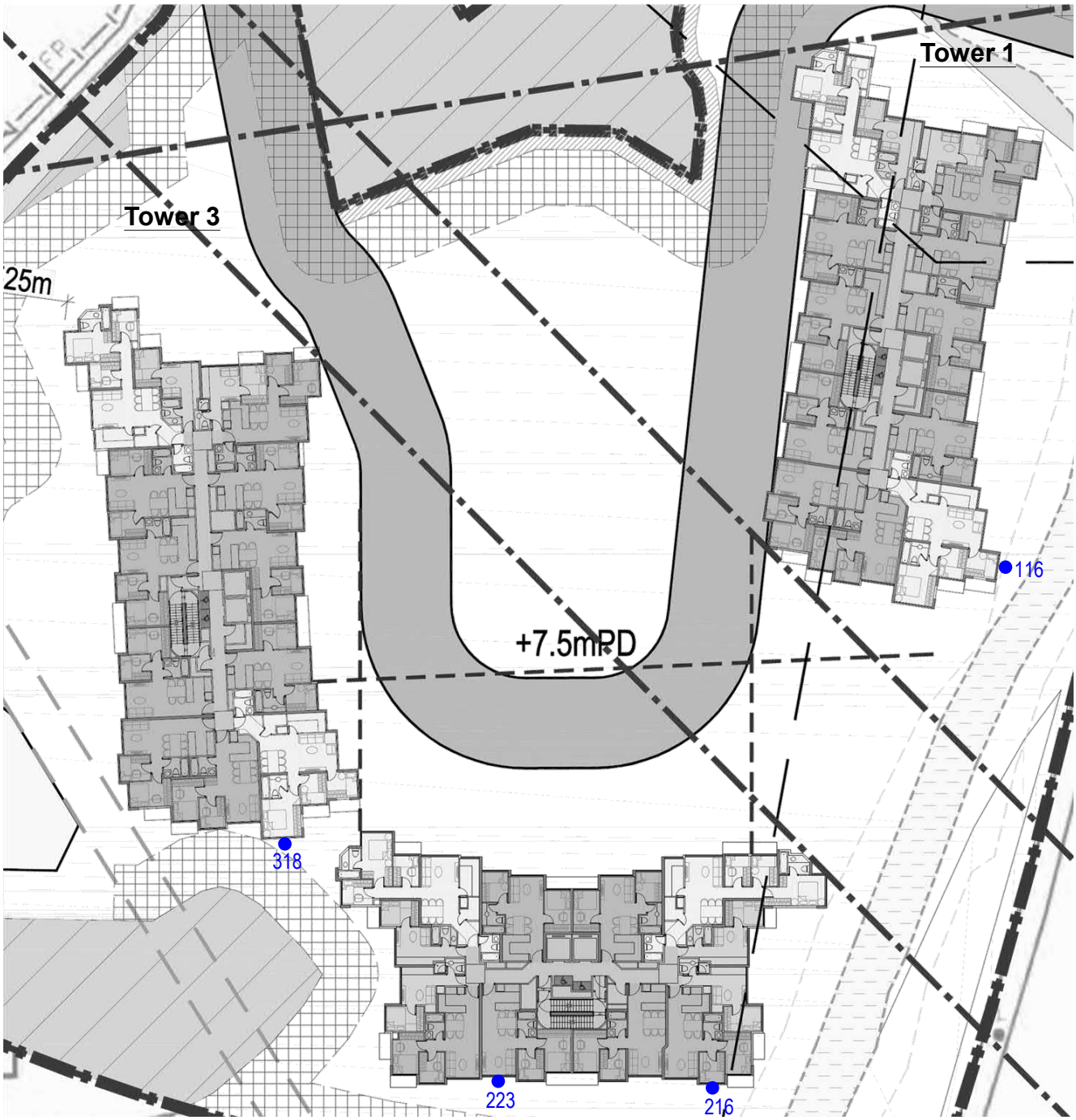
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po

TITLE:

Location of Identified Fixed Noise Sources

FIGURE

A6-1



Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22608 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Location of Assessment Point for Fixed Noise Assessment**	**A6-2**

Predicted Industrial Noise Levels in Daytime Period

Job Title.: Fung Yuen
Job No.: 22608
Date: 26/9/2025

Floor	NSR 116	NSR 216	NSR 223	NSR 318
1/F	55.5	56.3	55.9	55.2
2/F	55.5	56.3	55.9	55.2
3/F	55.4	56.3	55.9	55.2
4/F	55.4	56.3	55.9	55.2
5/F	55.4	56.2	55.9	55.2
6/F	55.4	56.2	55.9	55.1
7/F	55.4	56.2	55.9	55.1
8/F	55.4	56.2	55.9	55.1
9/F	55.4	56.2	55.9	55.1
10/F	55.4	56.2	55.9	55.1
11/F	55.4	56.1	55.8	55.1
12/F	55.3	56.1	55.8	55.1
13/F	55.3	56.1	55.8	55.1
14/F	55.3	56.1	55.8	55.0
15/F	55.3	56.1	55.8	55.0
16/F	55.3	56.0	55.7	55.0
17/F	55.2	56.0	55.7	55.0
18/F	55.2	56.0	55.7	55.0
19/F	55.2	56.0	55.7	55.0
20/F	55.2	55.9	55.6	54.9
21/F	55.2	55.9	55.6	54.9
22/F	55.1	55.9	55.6	54.9
23/F	55.1	55.8	55.6	54.9
24/F	55.1	55.8	55.5	54.9
25/F	55.0	55.8	55.5	54.8
26/F	55.0	55.7	55.5	54.8
27/F	55.0	55.7	55.5	54.8
28/F	55.0	55.7	55.4	54.8
Max:	55.5	56.3	55.9	55.2
Noise Criterion	60.0	60.0	60.0	60.0
Compliance	YES	YES	YES	YES

Remark: The predicted noise levels were assessed at the height of 1.2m above each residential floor and 1m away from the façade of the opened windows of the noise sensitive receivers as stated in Section 7.3

Predicted Industrial Noise Levels in Night-time Period

Job Title.: Fung Yuen
Job No.: 22608
Date: 26/9/2025

Floor	NSR 116	NSR 216	NSR 223	NSR 318
1/F	31.8	32.8	32.9	32.6
2/F	31.8	32.8	32.9	32.6
3/F	31.8	32.8	32.9	32.6
4/F	31.8	32.8	32.9	32.6
5/F	31.8	32.8	32.9	32.6
6/F	31.8	32.8	32.9	32.6
7/F	31.8	32.8	32.9	32.6
8/F	31.8	32.8	32.9	32.6
9/F	31.8	32.8	32.9	32.6
10/F	31.8	32.8	32.9	32.6
11/F	31.8	32.8	32.9	32.6
12/F	31.8	32.7	32.8	32.5
13/F	31.8	32.7	32.8	32.5
14/F	31.8	32.7	32.8	32.5
15/F	31.8	32.7	32.8	32.5
16/F	31.8	32.7	32.8	32.5
17/F	31.8	32.7	32.8	32.5
18/F	31.8	32.7	32.8	32.5
19/F	31.7	32.7	32.8	32.5
20/F	31.7	32.7	32.8	32.5
21/F	31.7	32.7	32.8	32.5
22/F	31.7	32.7	32.8	32.5
23/F	31.7	32.6	32.7	32.5
24/F	31.7	32.6	32.7	32.4
25/F	31.7	32.6	32.7	32.4
26/F	31.7	32.6	32.7	32.4
27/F	31.7	32.6	32.7	32.4
28/F	31.7	32.6	32.7	32.4
Max:	31.8	32.8	32.9	32.6
Noise Criterion	50.0	50.0	50.0	50.0
Compliance	YES	YES	YES	YES

Remark: The predicted noise levels were assessed at the height of 1.2m above each residential floor and 1m away from the façade of the opened windows of the noise sensitive receivers as stated in Section 7.3

Calculation of Industrial Noise Levels (Daytime Period)

Westwood Hong & Associates Ltd.

Job Title.: Fung Yuen
Job No.: 22608
Date: 26/09/25

NSR	NSR 116 1/F			Xr : 836593 Yr : 835703 Hr : 16.9								
				Source location & distance				Corrections				CNL
Source ID	Description	SWL	No.	Xs	Ys	Hs	Lsr	Cno	CLsr	Csri	Cfac	dB(A)
B	Cheuk Shing Vehicle Repair Workshop - Air compressor noise	94	1	836660	835577	5	142.5	0	-51.1	0.0	3	45.9
C	Recycling yard - loading and unloading by crane	95	1	836742	835600	6	180.9	0	-53.1	0.0	3	44.9
D	Car Repairing Workshop at Ting Kok Road - Electric screwdriver noise	96	1	836428	835427	6	321.0	0	-58.1	0.0	3	40.9
F	KMB Bus Depot - manoeuvring at ingress / egress and insider the Bus Depot	90	1	836439	835274	6	455.4	0	-61.2	0.0	3	31.8
H-1	Lee Kum Kee - Cooling Towers	93	4	836639	835466	12	241.0	6	-55.6	0.0	3	46.4
H-2	Lee Kum Kee - Forklift	104	1	836693	835398	6	320.3	0	-58.1	0.0	3	48.9
J	Hopewell Slipform - Crane	105	1	836667	835333	6	377.0	0	-59.5	0.0	3	48.5
K	Techno Enterprise Limited - Cooling tower	93	2	836687	835268	10	444.3	3	-61.0	0.0	3	38.1
M	Luen Tai Hong - Cooling tower	93	6	836795	835487	12	295.1	8	-57.4	0.0	3	46.4
Q	Chiaphua Industrial - Cooling tower	93	3	836758	835369	12	371.9	5	-59.4	0.0	3	41.4
R	Hitachi Chemical Electronic Materials (Hong Kong) Ltd - Cooling Tower	93	3	836803	835382	12	382.7	5	-59.7	0.0	3	41.1
											TOTAL	**55.5**

Definition of terms:

SWL - the sound power level of a source, dB(A)
LAeq - the equivalent continuous noise level over a 30 minute period, dB(A)
No. - the number of items of plant operating simultaneously
Xr, Yr, Hr - the coordinates of the NSR, m
Xs, Ys, Hs - the coordinates of the source, m
Lsr - the slant distance between the source and NSR, m

Cno - correction for no. of plant items
CLsr - the correction for slant distance between the source and the NSR, dB(A)
Cfac - the facade correction, dB(A)
Csri - the sound reduction provided by the building envelope, dB(A)
CNL - the corrected noise level, dB(A)(30 minutes)

Calculation of Industrial Noise Levels (Night-time Period)

Westwood Hong & Associates Ltd.

Job Title.: Fung Yuen
Job No.: 22608
Date: 26/09/25

NSR	NSR 116 1/F		Xr : 836593 Yr : 835703 Hr : 16.9									
				Source location & distance				Corrections				CNL
Code	Description	SWL	No.	Xs	Ys	Hs	Lsr	Cno	CLsr	Csri	Cfac	dB(A)
B	Cheuk Shing Vehicle Repair Workshop - Air compressor noise	94	0	836660	835577	5	142.5	0	-51.1	0.0	3	0.0
C	Recycling yard - loading and unloading by crane	95	0	836742	835600	6	180.9	0	-53.1	0.0	3	0.0
D	Car Repairing Workshop at Ting Kok Road - Electric screwdriver noise	96	0	836428	835427	6	321.0	0	-58.1	0.0	3	0.0
F	KMB Bus Depot - manoeuvring at ingress / egress and insider the Bus Depot	90	1	836439	835274	6	455.4	0	-61.2	0.0	3	31.8
H-1	Lee Kum Kee - Cooling Towers	93	0	836639	835466	12	241.0	0	-55.6	0.0	3	0.0
H-2	Lee Kum Kee - Forklift	104	0	836693	835398	6	320.3	0	-58.1	0.0	3	0.0
J	Hopewell Slipform - Crane	105	0	836667	835333	6	377.0	0	-59.5	0.0	3	0.0
K	Techno Enterprise Limited - Cooling tower	93	0	842274	816999	15	19547.4	0	-93.8	0.0	3	0.0
M	Luen Tai Hong - Cooling tower	93	0	842295	816989	15	19563.0	0	-93.8	0.0	3	0.0
Q	Chiaphua Industrial - Cooling tower	93	0	842302	816997	15	19557.3	0	-93.8	0.0	3	0.0
R	Hitachi Chemical Electronic Materials (Hong Kong) Ltd - Cooling Tower	93	0	842310	817006	15	19551.1	0	-93.8	0.0	3	0.0
											TOTAL	**31.8**

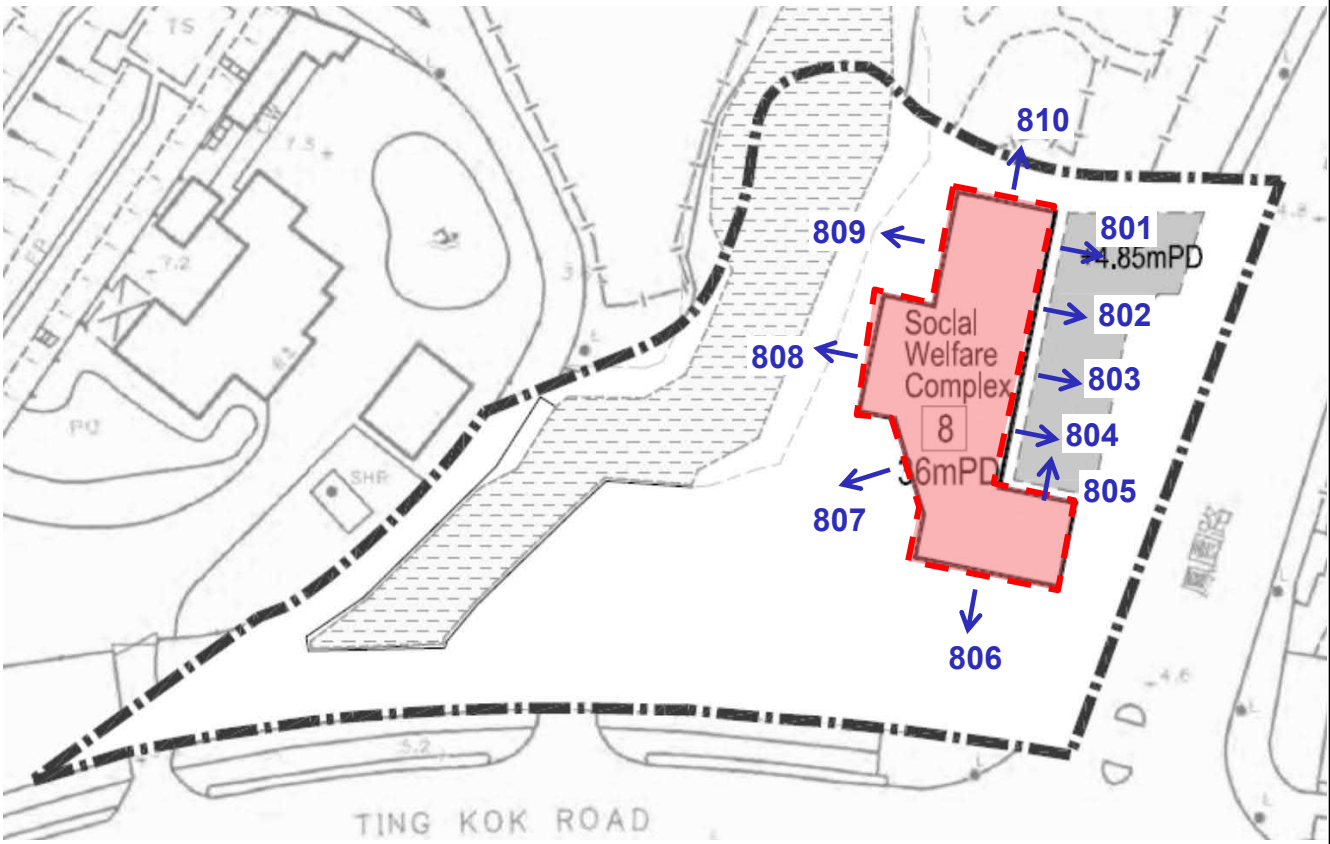
Definition of terms:

SWL - the sound power level of a source, dB(A)
LAeq - the equivalent continuous noise level over a 30 minute period, dB(A)
No. - the number of items of plant operating simultaneously
Xr, Yr, Hr - the coordinates of the NSR, m
Xs, Ys, Hs - the coordinates of the source, m
Lsr - the slant distance between the source and NSR, m

Cno - correction for no. of plant items
CLsr - the correction for slant distance between the source and the NSR, dB(A)
Cfac - the facade correction, dB(A)
Csri - the sound reduction provided by the building envelope, dB(A)
CNL - the corrected noise level, dB(A)(30 minutes)

APPENDIX 7

NOISE IMPACTS FOR RCHE AND DCU



Legend

RCHE & DCU

801 Assessment Point No. 801

Westwood Hong & Associates Ltd	TITLE:	FIGURE
PROJECT: 22444 Proposed Residential Development with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D.11 and Adjoining Government Land, Fung Yuen, Tai Po	**Locations of Noise Assessment Point (Road Traffic Noise Assessment for RCHE & DCU)**	**A7-1**

Predicted Façade Noise Levels for Road Traffic Noise for RCHE & DCU – Base Scenario

Floor	Receiver									
	Social Welfare Complex									
	801	802	803	804	805	806	807	808	809	810
1	74.9	75.0	74.9	73.5	72.9	80.0	75.8	73.8	66.7	68.6
2	74.8	75.0	74.8	73.4	72.8	79.9	75.7	73.8	66.7	68.6
3	74.7	74.8	74.7	73.2	72.4	79.7	75.6	73.7	66.6	68.4
4	74.5	74.6	74.5	73.0	72.0	79.4	75.4	73.6	66.4	68.2
5	74.3	74.4	74.2	72.7	71.6	79.1	75.2	73.4	66.3	68.0
6	74.1	74.2	74.0	72.4	71.3	78.8	74.9	73.3	66.1	67.8
7	73.9	74.0	73.8	72.1	70.9	78.5	74.7	73.1	65.9	67.6
8	73.7	73.8	73.5	71.9	70.6	78.2	74.5	72.9	65.7	67.4

Remark:

- The representative NSRs for Social Welfare Complex will exceed the stipulated noise limits.

Predicted Façade Noise Levels for Road Traffic Noise for RCHE & DCU – With Noise Mitigation Measure

Floor	Receiver									
	Social Welfare Complex									
	801	802	803	804	805	806	807	808	809	810
1	67.4	67.5	67.4	66.0	65.4	72.5	68.3	66.3	66.7	68.6
2	67.3	67.5	67.3	65.9	65.3	72.4	68.2	66.3	66.7	68.6
3	67.2	67.3	67.2	65.7	64.9	72.2	68.1	66.2	66.6	68.4
4	67.0	67.1	67.0	65.5	64.5	71.9	67.9	66.1	66.4	68.2
5	66.8	66.9	66.7	65.2	64.1	71.6	67.7	65.9	66.3	68.0
6	66.6	66.7	66.5	64.9	63.8	71.3	67.4	65.8	66.1	67.8
7	66.4	66.5	66.3	64.6	63.4	71.0	67.2	65.6	65.9	67.6
8	66.2	66.3	66.0	64.4	63.1	70.7	67.0	65.4	65.7	67.4

Remark:

- According to the ProPECC PN5/23, the Acoustic Window (Baffle Type) together with the sound absorptive material will have 7.5dB(A) noise reduction. With the provision of this acoustic window, all the NSRs of RCHE except NSR 806 will comply with the noise limit. The southern façade facing Ting Kok Road will have significant noise exceedance, fixed glazing and no noise sensitive rooms of RCHE will be adopted at the southern façade.

- The presented predicted noise level after adopting acoustic windows (baffle type) (i.e. mitigated noise level) does not necessarily represent the noise level at 1m away from the external façade, but the equivalent noise level at 1m from the external façade after accounting the reduction in noise levels inside the flat offered by the acoustic windows (baffle type).

Predicted Industrial Noise Levels in Daytime Period

Job Title.: Fung Yuen
Job No.: 22444
Date: 05/06/2025

Floor	NSR 804
1/F	58.3
2/F	58.3
3/F	58.3
4/F	58.3
5/F	58.3
6/F	58.3
7/F	58.2
8/F	58.2
Max:	58.3
Noise Criterion	60.0
Compliance	YES

Remark: The predicted noise levels were assessed at the height of 1.2m above each residential floor and 1m away from the façade of the opened windows of the noise sensitive receivers as stated in Section 7.3

Predicted Industrial Noise Levels in Night-time Period

Job Title.: Fung Yuen
Job No.: 22444
Date: 05/06/2025

Floor	NSR 804
1/F	35.3
2/F	35.3
3/F	35.3
4/F	35.3
5/F	35.3
6/F	35.3
7/F	35.3
8/F	35.3
Max:	35.3
Noise Criterion	50.0
Compliance	YES

Remark: The predicted noise levels were assessed at the height of 1.2m above each residential floor and 1m away from the façade of the opened windows of the noise sensitive receivers as stated in Section 7.3

Calculation of Industrial Noise Levels (Daytime Period)

Westwood Hong & Associates Ltd.

Job Title.: Fung Yuen
Job No.: 22444
Date: 20/08/25

NSR	NSR 804			Xr : 836543								
	8/F			Yr : 835562								
				Hr : 33.0								
				Source location & distance				Corrections				CNL
Source ID	Description	SWL	No.	Xs	Ys	Hs	Lsr	Cno	CLsr	Csri	Cfac	dB(A)
B	Cheuk Shing Vehicle Repair Workshop - Air compressor noise	94	1	836660	835577	5	121.8	0	-49.7	0.0	3	47.3
C	Recycling yard - loading and unloading by crane	95	1	836742	835600	6	205.0	0	-54.2	0.0	3	43.8
D	Car Repairing Workshop at Ting Kok Road - Electric screwdriver noise	96	1	836428	835427	6	178.8	0	-53.0	0.0	3	46.0
F	KMB Bus Depot - manoeuvring at ingress / egress and insider the Bus Depot	90	1	836439	835274	6	307.2	0	-57.7	0.0	3	35.3
H-1	Lee Kum Kee - Cooling Towers	93	4	836639	835466	12	137.6	6	-50.8	0.0	3	51.2
H-2	Lee Kum Kee - Forklift	104	1	836693	835398	6	224.1	0	-55.0	0.0	3	52.0
J	Hopewell Slipform - Crane	105	1	836667	835333	6	262.2	0	-56.4	0.0	3	51.6
K	Techno Enterprise Limited - Cooling tower	93	2	836687	835268	10	328.1	3	-58.3	0.0	3	40.7
M	Luen Tai Hong - Cooling tower	93	6	836795	835487	12	264.1	8	-56.4	0.0	3	47.3
Q	Chiaphua Industrial - Cooling tower	93	3	836758	835369	12	290.0	5	-57.2	0.0	3	43.5
R	Hitachi Chemical Electronic Materials (Hong Kong) Ltd - Cooling Tower	93	3	836803	835382	12	317.0	5	-58.0	0.0	3	42.8
											TOTAL	**58.2**

Definition of terms:

SWL - the sound power level of a source, dB(A)
LAeq - the equivalent continuous noise level over a 30 minute period, dB(A)
No. - the number of items of plant operating simultaneously
Xr, Yr, Hr - the coordinates of the NSR, m
Xs, Ys, Hs - the coordinates of the source, m
Lsr - the slant distance between the source and NSR, m

Cno - correction for no. of plant items
CLsr - the correction for slant distance between the source and the NSR, dB(A)
Cfac - the facade correction, dB(A)
Csri - the sound reduction provided by the building envelope, dB(A)
CNL - the corrected noise level, dB(A)(30 minutes)

Calculation of Industrial Noise Levels (Night-time Period)

Westwood Hong & Associates Ltd.

Job Title.: Fung Yuen
Job No.: 22444
Date: 20/08/25

NSR	NSR 804		Xr : 836543									
	8/F		Yr : 835562									
			Hr : 33.0									
				Source location & distance				Corrections				CNL
Code	Description	SWL	No.	Xs	Ys	Hs	Lsr	Cno	CLsr	Csri	Cfac	dB(A)
B	Cheuk Shing Vehicle Repair Workshop - Air compressor noise	94	0	836660	835577	5	121.8	0	-49.7	0.0	3	0.0
C	Recycling yard - loading and unloading by crane	95	0	836742	835600	6	205.0	0	-54.2	0.0	3	0.0
D	Car Repairing Workshop at Ting Kok Road - Electric screwdriver noise	96	0	836428	835427	6	178.8	0	-53.0	0.0	3	0.0
F	KMB Bus Depot - manoeuvring at ingress / egress and insider the Bus Depot	90	1	836439	835274	6	307.2	0	-57.7	0.0	3	35.3
H-1	Lee Kum Kee - Cooling Towers	93	0	836639	835466	12	137.6	0	-50.8	0.0	3	0.0
H-2	Lee Kum Kee - Forklift	104	0	836693	835398	6	224.1	0	-55.0	0.0	3	0.0
J	Hopewell Slipform - Crane	105	0	836667	835333	6	262.2	0	-56.4	0.0	3	0.0
K	Techno Enterprise Limited - Cooling tower	93	0	842274	816999	15	19428.0	0	-93.8	0.0	3	0.0
M	Luen Tai Hong - Cooling tower	93	0	842295	816989	15	19443.7	0	-93.8	0.0	3	0.0
Q	Chiaphua Industrial - Cooling tower	93	0	842302	816997	15	19438.1	0	-93.8	0.0	3	0.0
R	Hitachi Chemical Electronic Materials (Hong Kong) Ltd - Cooling Tower	93	0	842310	817006	15	19431.9	0	-93.8	0.0	3	0.0
											TOTAL	**35.3**

Definition of terms:

SWL - the sound power level of a source, dB(A)
LAeq - the equivalent continuous noise level over a 30 minute period, dB(A)
No. - the number of items of plant operating simultaneously
Xr, Yr, Hr - the coordinates of the NSR, m
Xs, Ys, Hs - the coordinates of the source, m
Lsr - the slant distance between the source and NSR, m

Cno - correction for no. of plant items
CLsr - the correction for slant distance between the source and the NSR, dB(A)
Cfac - the facade correction, dB(A)
Csri - the sound reduction provided by the building envelope, dB(A)
CNL - the corrected noise level, dB(A)(30 minutes)

APPENDIX 8

JUSTIFICATION OF NOSIE PEERFROMANCE

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Justification of Noise Performance for Acoustic Window (Baffle Type), for Living Room

Table A8-1: Comparison of the Various Parameters of Acoustic Window

Key Parameters	Dimensions in Reference Case [1]	LIV
Room Size (m^2)	18	14.0
Outer Opening Area (m^2)	1.125	1.125
Gap Width (mm)	100	100
Overlapping Width (mm)	100	100
With Sound Absorptive Material (SAM) in plenum	No	No
Noise Reduction (dB(A))	**7**	**4**

Note:
[1] Reference to the ProPECC 5/23 "Application of Innovative Noise Mitigation Designs in Planning Private Residential Devleopments against Road Traffic Noise Impact" "

Table A8-2: Correction for Room Size

	LIV
Room Size (ref) (m^2)	18
Room Size (m^2)	14.0
Room Size, dB(A) [1]	-1.1

Note:
[1] Correction for room area is calculated by 10 log [Room Size / Room Size (ref)]

Table A8-3: Corrected Noise Reduction

	LIV
Reduction Performance (ref) (dB(A)) (Table A8-1)	7.0
Corrected Noise Reduction (dB(A)) [1]	**5.9**

Note:
[1] Corrected Noise Reduction = Reduction Performance (ref) in Table A8-1 + Correction for Room Size in Table A8-2

Conclusion

With considering the room size correction, the noise reduction of Acoustic Window (baffle type) would be 5.9dB(A). Hence, assumption of 4dB(A) noise reduction in the assessment is a conservative approach.

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Justification of Noise Performance for Acoustic Window (Baffle Type), for Bedroom

Table A8-4: Comparison of the Various Parameters of Acoustic Window

Key Parameters	Dimensions in Reference Case [1]	Bedroom
Room Size (m^2)	8	5.0
Outer Opening Area (m^2)	0.522	0.522
Gap Width (mm)	100	100
Overlapping Width (mm)	100	100
With Sound Absorptive Material (SAM) in plenum	No	No
Noise Reduction (dB(A))	**6**	**4**

Note:
[1] Reference to the ProPECC 5/23 "Application of Innovative Noise Mitigation Designs in Planning Private Residential Devleopments against Road Traffic Noise Impact" "

Table A8-5: Correction for Room Size

	Bedroom
Room Size (ref) (m^2)	8
Room Size (m^2)	5.0
Room Size, dB(A) [1]	-2.0

Note:
[1] Correction for room area is calculated by 10 log [Room Size / Room Size (ref)]

Table A8-6: Corrected Noise Reduction

	Bedroom
Reduction Performance (ref) (dB(A)) (Table A8-4)	7.0
Corrected Noise Reduction (dB(A)) [1]	**5.0**

Note:
[1] Corrected Noise Reduction = Reduction Performance (ref) in Table A8-4 + Correction for Room Size in Table A8-5

Conclusion

With considering the room size correction, the noise reduction of Acoustic Window (baffle type) would be 5dB(A). Hence, assumption of 4dB(A) noise reduction in the assessment is a conservative approach.

APPENDIX 9

SCHEDULE OF NOISE MITIGATION MEASURES

Proposed Residential Development at Fung Yuen Road, Tai Po, N.T.

Schedule of Noise Mitigation Measures

1. Acoustic Window (Baffle Type) (refer to Figures 5a – 5c and Appendix 4)

Tower	Floor	Location	NSR no. (refer to Figure A3)
Tower 1	1/F – 8/F	MBR	104
	1/F – 7/F	LIV	105
	1/F – 7/F	MBR	106
	1/F – 7/F	LIV	107
	1/F – 7/F	BR	108
	1/F – 7/F	LIV	109
	1/F – 7/F	BR	110
	1/F – 7/F	MBR	111
	1/F – 6/F	MBR	112
	1/F – 7/F	LIV	113
	1/F – 7/F	BR	114
	1/F – 7/F	LIV	115
	1/F – 10/F	BR	116
	1/F – 8/F	BR	117
	1/F – 8/F	MBR	118
Tower 2	1/F –17/F	MBR	210
	1/F – 6/F	MBR	211
	1/F – 4/F	LIV	212
	1/F – 5/F	LIV	213
	1/F – 18/F	MBR	214
	1/F – 23/F	MBR	215
	1/F – 23/F	BR	216
	1/F – 23/F	LIV	217
	1/F – 23/F	LIV	218
	1/F – 23/F	BR	219
	1/F – 23/F	MBR	220
	1/F – 23/F	MBR	221
	1/F – 23/F	BR	222
	1/F – 23/F	LIV	223
	1/F – 23/F	LIV	224
	1/F – 23/F	BR	225
	1/F – 23/F	MBR	226
Tower 6	1/F	LIV	629
	1/F	BR	630
	1/F	MBR	631
	1/F	LIV	632

	1/F – 2/F	BR	633
	1/F – 2/F	LIV	634
Tower 7	1/F – 4/F	BR	716
	1/F – 2/F	MBR	720
	1/F – 6/F	BR	721
	1/F – 6/F	MBR	722
	1/F – 3/F	LIV	723

Appendix 9

Traffic Impact Assessment

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

September 2025

CTA Consultants Limited
志達顧問有限公司

1. INTRODUCTION

1.1 Background

1.1.1 CTA Consultants Limited ("CTA") was commissioned by the Applicant to carry out a Traffic Impact Assessment Report in supporting the S.12A application.

1.1.2 This S.12A application is to seek the Town Planning Board's approval for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") for the proposed development at various lots and adjoining Government land at Fung Yuen, Tai Po, New Territories ("the Development Site").

1.1.3 The proposed development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B).

1.1.4 The Applicant submitted an s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and amending the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

1.1.5 Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The Proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38.

1.1.6 The Development Site of this Application is solely formed by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

1.2 Study Objectives

1.2.1 The main objectives of this study are listed below:

- To assess the existing traffic conditions in the vicinity of the proposed development;
- To forecast traffic demands on the adjacent road network in the design year 2033;
- To estimate the likely traffic generated by the proposed development;
- To appraise the traffic impact induced by the proposed development on the adjacent road network;
- To recommend traffic improvement measures to alleviate any foreseeable traffic problems to the surrounding road network, if any.

2. THE PROPOSED DEVELOPMENT

2.1 Site Location

2.1.1 The proposed development is located at Fung Yuen, Tai Po as shown in **Figure 2.1**.

2.2 Development Proposal

2.2.1 The proposed development will include residential development(s) with supporting retail and public vehicle park facilities in Area (A); and a social welfare complex comprising a Residential Care Home for the Elderly ("RCHE") and a Day Care Unit ("DCU") for the Elderly in Area (B). Parameters of the proposed development are listed in **Table 2.1**.

Table 2.1 Parameters of the Proposed Development

Residential Development	
Nos. of Blocks	6 Residential Tower + Clubhouse + Retail and PVP (Phase I) 1 Residential Tower (Phase II)
No. of Units	1,988 (Phase I: 1,718; Phase II: 270)
Total GFA	110,377 m^2 (Phase I: 92,190 m^2; Phase II: 18,187 m^2)
Proposed Domestic GFA	109,577 m^2 (Phase I: 91,390 m^2; Phase II: 18,187 m^2)
Proposed Non-domestic GFA	800 m^2 (Phase I: 800 m^2; Phase II: 0 m^2)
Total Plot Ratio	3.47 (Phase I: 3.47; Phase II: 3.44)
Domestic Plot Ratio	3.44 (Phase I: 3.44; Phase II: 3.44)
Non-Domestic Plot Ratio	0.03 (Phase I: 0.03; Phase II: 0)
Average Flat Size	55.1 m^2 (Phase I: 53.2 m^2; Phase II: 67.4 m^2)
Estimated population	5,169* (Phase I: 4,467: Phase II: 702)
Social Welfare Complex ["G/IC" Zone]	
Nos. of Blocks	1
Total GFA	4,782 m^2
No. of Place: **Residential Care Home for the Elderly** **Day Care Unit**	 150 30

**Average household size 2.6 in 2024 from Census and Statistic Department.*

2.2.2 It is anticipated that the proposed development will be commissioned in year 2030. Therefore, design year 2033 (i.e. 3 years after the planned commencement year of the proposed development) is adopted for the Traffic Impact Assessment.

2.3 Internal Transport Facilities Provisions

2.3.1 The parking provision for the proposed development is set out in **Table 2.2 and Table 2.3.**

Table 2.2 Internal Transport Facilities Provision required under the HKPSG (Area (A))

Proposed Development			Parking Requirement						Loading/Unloading Requirement
			Private Car Parking Space					Motorcycle Parking Space	Bicycle Parking	Loading / Unloading Bay for Goods Vehicles
Residential										
No. of Blocks	*Flat Size (GFA) (m^2)*	*No. of Flat*	**Resident**				**Visitor**	1 space per 100-150 flats	Outside a 2km radius of a rail station, 1 space for 30 flats with flat size ≤ 70m^2	Provision of minimum 1 L/UL bay for goods vehicles within the site for every 800 flats or part thereof, subject to a minimum of 1 bay for each housing block or as determined by the Authority
			GPS: 1 space per 4-7 flats			GPS x R1 X R2 X R3	> 75 units per block: 5 visitor spaces per block, ≤ 75 units per block: Determined by TD			
			R1	R2	R3					
6	40<FS≤70	1,718	1.2	1	1	295 to 516				
Subtotal			*295 to 516*				30			
Phase 1 Total (Required)			**325[3] to 546[4]**					**12 to 18**	**58**	**6**
No. of Blocks	*Flat Size (GFA) (m^2)*	*No. of Flat*	**Resident**				**Visitor**	1 space per 100-150 flats	Outside a 2km radius of a rail station, 1 space for 30 flats with flat size ≤ 70m^2	Provision of minimum 1 L/UL bay for goods vehicles within the site for every 800 flats or part thereof, subject to a minimum of 1 bay for each housing block or as determined by the Authority
			GPS: 1 space per 4-7 flats			GPS x R1 X R2 X R3	> 75 units per block: 5 visitor spaces per block, ≤ 75 units per block: Determined by TD			
			R1	R2	R3					
1	40<FS≤70	270	1.2	1	1	47 to 81				
Subtotal			*47 to 81*				5			
Phase 2 Total (Required)			**52[2] to 86[2]**					**2 to 3**	**9**	**1**
Total (Proposed)			**Phase 1: 406 Phase 2: 64**				**Phase 1: 30 Phase 2: 5**	**20**	**67**	**7**
			505[4]							
Commercial										
GFA			1 car space per 150-300 m^2					5% to 10% of the total provision for private cars	**N/A**	1 loading/ unloading bay for good vehicles for every 800-1200m^2 or part thereof GFA
Not more than 800 m^2										
Total (Required)			**3-6**					**1**	**N/A**	**1**
Total (Proposed)			**6[1]**					**1**	**N/A**	**1**
Public Vehicle Park										
Total (Proposed)			**30[1]**					**N/A**	**N/A**	**N/A**

Notes: (1) Including 1 accessible car parking spaces for 1-50 car parking spaces;

(2) Including 2 accessible car parking spaces for 51-150 car parking spaces;

(3) Including 4 accessible car parking spaces for 251-350 numbers of parking spaces;

(4) Including 6 accessible car parking spaces for total above 450 numbers of parking spaces.

Table 2.3 Internal Transport Facilities Provision required under the HKPSG (Area (B))

Social Welfare	
Type	**Proposed Number of spaces**
Private cars	6(1)
Motorcycles	1
L/UL for light bus	1
L/UL for Ambulance	1
L/ UL for LGV	1

Notes: (1) Including 1 accessible car parking spaces for 1-50 car parking spaces

2.4 Vehicular Access

2.4.1 The vehicular accesses are shown in **Figure 2.2**. Since the proposed accesses of the commercial and public vehicle park are near the priority junction at Fung Yuen Road. To minimize the traffic impact, two accesses are proposed to separate the ingress and egress movement. Vehicles will ingress from Fung Yuen Road and egress at the minor road. As the access at Fung Yuen Road is for ingress only, it will not conflict with the future bus turning facilities proposed in **Chapter 5** below.

2.5 Public Transport Services in the Vicinity of the Proposed Development

2.5.1 Numerous road-based public transport services are provided in vicinity of the proposed development. Details of the current services of franchised buses and GMB routes within 500 meters catchment area are listed in **Table 2.4**, and the location of the nearby public transport stops are shown in **Figure 2.3**.

2.5.2 The proposed development despite being close to various transport stops, for the convenience of future residents, we proposed a bus stop at Fung Yuen Road. The proposed bus stop will be further discussed in the later section of this report.

Table 2.4 Public Transport Services in the Vicinity of the Proposed Development

Service	Route	Origin - Destination	Frequency (min)
Franchised Buses	72A	Tai Po Industrial Estate – Tai Wai Station	30-35[(2)(3)(4)]
	72C	Tai Mei Tuk B/T – Tai Po Market Station	07:00[(1)(2)]
	73	Fanling (Wah Ming) - Tai Po Industrial Estate	20-30[(2),] 30[(3)]
		Tai Po Industrial Estate – Fanling (Wah Ming)	30[(2)]
	73P	Tai Mei Tuk - Tsuen Wan (Nina Tower)	06:55, 07:05[(1)(2)]
		Tsuen Wan (Nina Tower) – Tai Mei Tuk	17:50, 18:10[(1)(2)]
	74E	Tai Mei Tuk - Kwun Tong Ferry Pier	07:00, 07:15, 07:30[(2)]
		Kwun Tong Ferry – Tai Mei Tuk	17:50, 18:10[(1)(2)]
	74K	Tai Po Market Station - Sam Mun Tsai (Circular) (via Sam Mun Tsai first)	14-30[(2)], 20-30[(3)(4)]
	75K	Tai Mei Tuk - Tai Po Market Station	10-25[(2),] 15-25[(3)(4)]
	73F	Education University of Hong Kong – Tsuen Wan (Nina Tower)	17:40[(1)(2)]
	74F	Education University of Hong Kong – Kwun Tong Ferry	17:40, 18:00[(1)(2)]
	96	Hong Sing Garden – Tai Po Industrial Estate	20-30[(1)(2)], 45[(3)(4)], 17:40[3)(4)], 18:30[3)(4)]
		Park Central – Tai Po Industrial Estate	17:45[(1)(2)]
		Tai Po Industrial Estate – Hong Sing Garden	15-30[(1)(2)], 40-45[(3)(4)]
	263C	Education University of Hong Kong – Tuen Mun Station	06:35, 17:50[(1)(2)]
	274P	Tai Po Industrial Estate – Wu Kai Sha Station	06:30, 07:20; 17:35, 17:50, 18:05; 18:20; 18:40, 19:00
GMB	20M	Fung Yun Road – Tai Po Central (Circular)	8-20[(2)], 10-20[(3)(4)]
	20B	Tai Po Market Station - Tung Tsz	10-20[(2)(3)], 12-20[(4)]
		Tung Tsz – Tai Po Market	
	20C	Tai Po Market Station - Tai Mei Tuk	4-10, 12-15[(1)(5)]
		Tai Mei Tuk – Tai Po Market Station	
	20K	Tai Po Market Station - Sam Mun Tsai	6-20[(2)(3)], 10-20[(4)]
		Sam Mun Tsai – Tai Po Market Station	
	20E	Tai Po Market Station – Shan Liu (Circular)	30[(2)(3)]
	20P	Fung Yuen - Tai Po Market Station (Circular)	5-15[(2)(3)], 6-15[(4)]
	20R	Tai Po Market Station – Wu Kau Tang	60
		Wu Kau Tang - Tai Po Market Station	
	20T	Tai Po Market Station – Tsz Shan Monastery	30[(2)]
		Tsz Shan Monastery – Tai Po Market Station	
	20G	Wong Yue Tan (Lok Sin Village) – Tai Po Market Station	12-15[(2)], 20-30[(3)]
	26	The Education University of Hong Kong – Bayshore Towers, Ma On Shan	6-9
Residents' Service	NR533	Mont Vert - Tai Wo Station (Circular)	10-30[(1)(2)], 30[(3)(4)]

Notes:
(1) Peak hour service only
(2) Weekday service
(3) Saturday service
(4) Sunday and Public holiday service
(5) Express Service

3. EXISTING TRAFFIC CONDITIONS

3.1 Existing Road Network

3.1.1 The proposed development is located in Fung Yuen, Tai Po as shown in **Figure 2.1**. It is accessed via Fung Yuen Road.

3.1.2 Fung Yuen Road is a single two-way carriageway connecting to Ting Kok Road to the south.

3.1.3 Ting Kok Road is a dual carriageway with two lanes in each direction connecting Bride's Pool to the east and Ting Tai Road to the west.

3.2 Critical Junctions in Surrounding Area

3.2.1 As shown in **Figure 3.1**, 7 junctions were identified to be critical for assessment of traffic impact due to the proposed development. They are listed in below **Table 3.1** and their existing junction layout arrangements are shown in **Figures 3.2** to **3.7** respectively.

Table 3.1 Identified Critical Junctions

Ref.	Junction	Type	Figure No.
A	Ting Kok Road / Dai Fat Street	Signal	3.2
B	Ting Kok Road / Fung Yuen Road	Signal	3.3
C	Ting Kok Road / Dai Fuk Road / Yuen Shin Road	Signal	3.4
D	Yuen Shin Road / Dai Fat Street	Signal	3.5
E	Tai Po Tai Wo Road / Yuen Shin Road	Signal	3.6
F	Fung Yuen Road / Access Road to Mont Vert	Priority	3.7
G	Future Junction at Fung Yuen Road / Bus Layby	Priority	5.2

3.2.2 In order to appraise the existing traffic condition in the above-mentioned critical junctions, traffic survey in the form of manual classified count was conducted on a typical weekday during AM and PM peak periods from 07:30 to 09:30 and from 17:00 to 19:00 on 14 Apr 2025.

3.2.3 Analysis of the observed traffic data indicates that the AM and PM peak hour flows occurred from 08:30 to 09:30 and from 17:30 to 18:30 respectively.

3.2.4 The observed traffic flows are presented in **Figure 3.8**.

3.2.5 The existing performance based on the observed traffic flows of the identified critical junctions was assessed. The results are summarized in **Table 3.3** and the junction calculation sheets are attached in **Appendix II**.

3.2.6 The assessment results in **Table 3.3** indicate that all junctions at present are operating with ample capacities for the observed traffic flows.

Table 3.3 Operational Performance of Critical Junctions for Observed Traffic Flows in 2025

Ref.	Junction	Method of Control	Year 2025 DFC(1) / RC(2) (%)	
			AM Peak	PM Peak
A	Ting Kok Road / Dai Fat Street	Signal	31%	51%
B	Ting Kok Road / Fung Yuen Road	Signal	21%	18%
C	Ting Kok Road / Dai Fuk Road / Yuen Shin Road	Signal	41%	44%
D	Yuen Shin Road / Dai Fat Street	Signal	19%	52%
E	Tai Po Tai Wo Road / Yuen Shin Road	Signal	29%	54%
F	Fung Yuen Road / Access Road to Mont Vert	Priority	0.17	0.13

Notes: (1) DFC = Design Ratio of Flow to Capacity for Priority Junction/ Roundabout
(2) RC = Reserve Capacity for Signalized Junction

3.3 Critical Road Links in Surrounding Area

3.3.1 The critical road links were identified and listed below in **Table 3.4**.

Table 3.4 Identified Critical Road Links

Ref.	Road Links
L1	Fung Yuen Road
L2	Ting Kok Road (between Dai Fat Street and Fung Yuen Road)
L3	Ting Kok Road (between Fung Yuen Road and Dai Fuk Road)
L4	Yuen Shin Road (between Dai Fuk Road and Dai Fat Street)
L5	Yuen Shin Road (between Dai Fat Street and Tai Po Tai Wo Road)

3.3.2 The assessment of the critical road links for the observed flows in 2025 is shown in **Table 3.5**

Table 3.5 Assessment of Critical Road Links for Observed Flows in 2025

Ref.	Road Links	Direction	Capacity (pcu/hr)	Flow (pcu/hr)		V/C	
				AM Peak	PM Peak	AM Peak	PM Peak
L1	Fung Yuen Road	N/B	890	145	190	0.16	0.21
		S/B	890	205	155	0.23	0.17
L2	Ting Kok Road (between Dai Fat Street and Fung Yuen Road)	W/B	2940	1360	1045	0.46	0.36
		E/B	2940	1270	1250	0.43	0.43
L3	Ting Kok Road (between Fung Yuen Road and Dai Fuk Road)	N/B	2940	1365	1400	0.46	0.48
		S/B	2940	1515	1160	0.52	0.39
L4	Yuen Shin Road (between Dai Fuk Road and Dai Fat Street)	N/B	2940	745	840	0.25	0.29
		S/B	2940	1100	835	0.37	0.28
L5	Yuen Shin Road (between Dai Fat Street and Tai Po Tai Wo Road)	N/B	2940	1615	1155	0.55	0.39
		S/B	2940	1660	1415	0.56	0.48

Note: (1) Pcu factor 1.226 adopted
(2) Capacity Reduction Factor of 0.9 applied due to high Heavy Vehicle percentage

3.3.3 The assessment results in **Table 3.5** indicate that all road links at present are operating with ample capacities for the observed flows in 2025.

4. FUTURE TRAFFIC CONDITION & TRAFFIC IMPACT ASSESSMENT

4.1 Design Year

4.1.1 It is anticipated that the proposed development will be completed in 2030 tentatively. In order to assess the possible traffic impacts to the local road network due to the proposed development, year 2033 (i.e. 3 years after construction work completion) has been adopted as the design year for this TIA. An implementation programme is attached in **Appendix I** for reference.

4.2 Traffic Forecast

4.2.1 The traffic growth can be estimated by applying growth factor, based on the following information sources:

I. Historical Trend - Historical traffic growth in Annual Traffic Census (ATC) published by the Transport Department (TD).

II. Planning Data - Territorial planning assumptions prepared by the Planning Department.

Historical Trend

4.2.2 Transport Department has traffic count stations in the vicinity of the proposed development. The traffic counts reported in the Annual Traffic Census over a period of six years, i.e., 2018 to 2023 are summarized in **Table 4.1**.

Table 4.1 Historical Traffic Data from Annual Traffic Census (ATC)

ATC Stn	Road Name	Annual Average Daily Traffic (AADT)						Avg. Annual Growth Rate
		2018	2019	2020	2021	2022	2023	
5006	Ting Kok Rd (From Nam Wan Rd to Dai Kwai St)	30,900	30,840	29,430	32,240	30,440	29,190	-1.13%
6057	Yuen Shin Rd (From Tolo Highway to Ting Kok Rd)	38,630	40,170*	38,240*	40,100*	44,820	41,790	1.58%
6211	Ting Kok Rd (From Dai Kwai St to Tai Mei Tuk)	29,580	28,620	28,530	30,220	28,760	28,620	-0.66%
Total		**99,110**	**99,630**	**96,200**	**102,560**	**104,020**	**99,600**	**0.10%**

Notes: *AADT estimated by Growth factor

Planning Data

4.2.3 Reference has also been made to the 2021-Based Territorial Population Employment Data Matrices (TPEDM) planning data published by the Planning Department for projection of population and employment within the study district from years 2021 to 2031. The average annual growth rates in terms of population and employment from 2021 to 2031 are tabulated in **Table 4.2**.

Table 4.2 2021-Based Planning Data from 2021 to 2031

Zone	Population			Employment		
	2021	2026	2031	2021	2026	2031
Tai Po	316,450	348,900	343,250	96,600	94,800	89,800
Weight Average Growth (from 2021 to 2031)				***+0.47%***		

Adopted Growth Rate

4.2.4 A.A.D.T. of ATC indicates that the traffic flow of the local road network has an average annual growth rate of **+0.10%** from year 2018 to year 2023.

4.2.5 Whilst, the planning data indicates that the population and employment data of the study area are expected to grow with a weighted average annual growth rate of **+0.47%** from 2021 to 2031.

4.2.6 As a conservative approach, annual weighted average growth rate **+1.00%** p.a. is adopted.

4.3 Traffic Generations of Planned Adjacent "Committed" Developments

4.3.1 To fully reflect the growth traffic, trip generation of the future "Committed" developments in the vicinity have been taken into consideration. The developments are detailed in **Table 4.3** and their locations are shown in **Figure 4.1.**

Table 4.3 Adjacent Developments in the Vicinity

Adjacent Committed Developments						
Application No.	**Development site**	**Applied use**	**Use**	**Site Area**	**Assumed GFA**	**Flat No.**
LSPS/001	Lo Fai Road and Ting Kok Road, Tai Po, New Territories (The remaining portions of Unserved District at Wong Yue Tan Lot Nos.11 and 14 and adjoining Government land)	Private housing development and public housing development or starter homes portion	Domestic	~20,300 m^2 (Site A)	~64,522 m^2	1,290
			Non- domestic		~1,000 m^2	/
			Domestic	~5,700 m^2 (Site B)	~23,000 m^2	460
A/TP/700	Chung Nga Road West Public Housing Development	Public Housing, GIC and retails	Domestic	~9,900 m^2	~52,880 m^2	1,292
			Non-domestic		~5,625 m^2	/
			Primary School	One 24-classroom to be provided at the adjoining School Site (outside Application Site)		
/	Tai Po Town Lot 246	Golf Course Development	Non-domestic	~527,244 m^2	~15,000 m^2	/
/	On Pong Road	Community Health Centre	Non-domestic	~4,500m^2	~31,580m^2	/
/	Area 33	CIC Training Academy Tai Po Training Ground	Non-domestic	/	/	/
/	Area 33	Football-cum-Rugby Pitch, Underground PVP	Non-domestic	~2.7ha	/	400 car spaces
/	Tai Po Sewage Treatment Works	PWP No. 5191DR Upgrading of Tai Po Sewage Treatment Works and Organic Waste and Sewage Sludge Co-digestion Facilities	Non-domestic	/	/	/

Note:
(1) According to the TIA of the Bus Depot (A/TP/685), most of the buses will leave and return to the depot between 00:00 and 06:00, there will be limited no. of buses during daytime. Its effect on AM and PM peaks is insignificant and therefore the Bus Depot was omitted in this TIA

4.3.2 The adopted trip rates are referring to the Trip Rates Table given in TPDM Volume 1 Chapter 3 Annex C. The estimation on trip generations and attractions of the adjacent planned developments are shown in **Table 4.4.**

Table 4.4 Estimated Trip Rates and Trip Generations and Attractions of Planned Developments in the Vicinity

Application No.	Development site		Units	Trip Rates (pcu/hr)			
				AM Peak		PM Peak	
				Gen.	Att.	Gen.	Att.
LSPS/001	Lo Fai Road and Ting Kok Road, Tai Po, New Territories (The remaining portions of Unserved District at Wong Yue Tan Lot Nos.11 and 14 and adjoining Government land)	Public Housing	Pcu/hr/flat	0.0761(1)	0.0573(1)	0.0350(1)	0.0451(1)
		Retail	Pcu/hr/100 sqm GFA	0.3307(1)	0.3342(1)	0.3839(1)	0.4504
		GIC	/	/	/	/	/
		Private Housing	Pcu/hr/flat	0.1021(1)	0.0709(1)	0.0415(1)	0.0464(1)
A/TP/700	Chung Nga Road West Public Housing Development	Public Housing	Pcu/hr/flat	0.0432	0.0326	0.0237	0.0301
		Retail	Pcu/hr/100 sqm GFA	0.2296	0.2434	0.3100	0.3563
		Primary School	Pcu/hr/classroom	0.5670(2)	1.000(2)	0.333(2)	0.167(2)
/	Tai Po Town Lot 246	Golf Course	/	/	/	/	/
/	On Pong Road Community Health Centre		Pcu/hr/100 sqm GFA	0.2350(3)	0.2350(3)	0.2300(3)	0.1150(3)
/	Area 33 CIC Training Academy Tai Po Training Ground		/	/	/	/	/
/	Area 33 Football-cum-Rugby Pitch, Underground PVP		Pcu/hr/parking space	0.0771(4)	0.0907(4)	0.0493(4)	0.0811(4)
/	PWP No. 5191DR Upgrading of Tai Po Sewage Treatment Works and Organic Waste and Sewage Sludge Co-digestion Facilities		/	/	/	/	/
Application No.	**Development site**		**Parameters**	**AM Peak**		**PM Peak**	
				Gen.	**Att.**	**Gen.**	**Att.**
LSPS/001	Lo Fai Road and Ting Kok Road, Tai Po, New Territories (The remaining portions of Unserved District at Wong Yue Tan Lot Nos.11 and 14 and adjoining Government land)	Public Housing	1,290 flats	100(1)	75(1)	45(1)	60(1)
		Retail	~1,000m^2	5(1)	5(1)	5(1)	5(1)
		GIC	/	30(1)	30(1)	25(1)	30(1)
		Private Housing	460 flats	45(1)	35(1)	20(1)	20(1)
A/TP/700	Chung Nga Road West Public Housing Development	Public Housing	1,292 flats	56	43	31	39
		Retail	~800m^2	2	2	3	3
		Primary School	24 classrooms	14	24	8	5
/	Tai Po Town Lot 246	Golf Course	/	8(5)	32(5)	50(5)	26(5)
/	On Pong Road Community Health Centre		~31,580m^2	75	75	73	37
/	Area 33 CIC Training Academy Tai Po Training Ground		/	23(6)	23(6)	23(6)	23(6)
/	Area 33 Football-cum-Rugby Pitch, Underground PVP		400 parking spaces	31	37	20	33
/	PWP No. 5191DR Upgrading of Tai Po Sewage Treatment Works and Organic Waste and Sewage Sludge Co-digestion Facilities		/	10(7)	10(7)	10(7)	10(7)

Note
(1) According to its TIA
(2) Adopted trip rate of primary school in Queen's Hill
(3) Adopted trip rate of community health centre in the approved TIA report for Queen's Hill, Fanling

(4) Based on surveyed trip rate at Tai Po Tung Cheong Street Sports Cetnre Public Vehicle Park
(5) According to its TIA
(6) Based on previous study on Construction Industry Council Training Academy
(7) Information not disclosed to for private planning application use. Assumptions have been made

4.4 Reference Traffic Flow in Year 2033

4.4.1 The reference traffic flow is estimated by applying the adopted growth rate to the baseline traffic flow in the current year, and the 2033 reference traffic flows for critical junctions can be computed using the following calculation:

2033 Reference Traffic Flows (Without Proposed Development) = **2025 (Observed Traffic Flows** x **Adopted Growth Factor i.e., +1.00% p.a. for 8 years**) + **Traffic Flows of Planned Adjacent Committed Developments**

4.4.2 The 2033 Reference Traffic Flows at surrounding critical junctions are shown in **Figure 4.2**.

4.5 Traffic Generations of the Proposed Development

4.5.1 In order to estimate the traffic generation and attraction of the proposed development, traffic surveys were carried out for the existing Mont Vert at Fung Yuen Road. The surveyed results, as shown in **Table 4.5** were used in deriving the trip rates for the proposed development.

4.5.2 Reference has been made to the trip generation rates as stipulated in Volume 1 Chapter 3 Appendix C of the latest T.P.D.M published by Transport Department for the small commercial site. The adopted trips rates are summarised in the below **Table 4.6**.

4.5.3 Based on development parameters in **Table 2.1**, the trips generated and attracted by the proposed development are estimated and summarised in the **Table 4.6**.

Table 4.5 Adopted Trip Rates for the Proposed Development

		Surveyed Trips (pcu/hr)			
		AM		PM	
		Gen.	Att.	Gen.	Att.
Mont Vert	1350 flats	105	85	85	80
	Trip Rates (pcu/hr/flat)	0.0778	0.0630	0.0630	0.0593

Table 4.6 Trip for the Proposed Development

Residential Use										
Use	No. of Flats		Trips Rates (pcu/hr/flat)				Trips (pcu/hr)			
			AM Peak		PM Peak		AM Peak		PM Peak	
			Gen.	Att.	Gen.	Att.	Gen.	Att.	Gen.	Att.
Private Housing	1,988		0.0778(1)	0.0630(1)	0.0630(1)	0.0593(1)	155	125	125	118
	Total	***1,988***	***Sub-Total***				***155***	***125***	***125***	***118***
Commercial Use										
Commercial	Not more than 800 m^2		pcu/100 m^2/hr				2	2	2	3
			0.2296	0.2434	0.3100	0.3563				
Sub-Total							***2***	***2***	***2***	***3***
Social Welfare Complex										
RCHE(1)	150 beds		0.0259	0.0345	0.0604	0.0475	4	5	9	7
Sub-Total							***4***	***5***	***9***	***7***
Total							**161**	**132**	**136**	**128**

Note: (1) Internal Trip Rates

4.6 Traffic Forecast for Design Year 2033

4.6.1 The net traffic trips of the proposed development are then superimposed onto the year 2033 Reference Traffic Flows (without the proposed development) as shown in **Figure 4.2** to derive the year 2033 Design Traffic Flows (with the proposed development).

2033 Design Traffic Flows (With Proposed Development) = **2033 Reference Traffic Flows (Without Proposed Development)** + **Proposed Development Traffic Flows**

4.6.2 The design traffic flows during AM and PM peak periods in year 2033 (with the proposed development) are shown in **Figure 4.3**.

4.7 Operational Assessment for Design Flows

Assessment of Critical Junctions

4.7.1 To assess traffic impacts due to the proposed development, operational assessment of the critical junctions in **Chapter 3** is carried out for both the reference (without the proposed development) and the design (with the proposed development) scenarios in year 2033. The results are summarized in **Table 4.7**

Table 4.7 Operational Performance of Critical Junctions in Year 2033

Ref.	Junction	Method of Control	Year 2033 DFC[(1)] / RC[(2)] (%)			
			Reference Scenario (Without the Proposed Development)		Design Scenario (With the Proposed Development)	
			AM Peak	PM Peak	AM Peak	PM Peak
A	Ting Kok Road / Dai Fat Street	Signal	**7%**	24%	**6%**	23%
B	Ting Kok Road / Fung Yuen Road	Signal	**2%**	**1%**	**-16%**	**-16%**
C	Ting Kok Road / Dai Fuk Road / Yuen Shin Road	Signal	**12%**	19%	**7%**	**12%**
D	Yuen Shin Road / Dai Fat Street	Signal	**-1%**	23%	**-5%**	17%
E	Tai Po Tai Wo Road / Yuen Shin Road	Signal	**11%**	33%	**10%**	31%
F	Fung Yuen Road / Access Road to Mont Vert	Priority	0.18	0.14	0.18	0.14
G	Future Junction at Fung Yuen Road / Bus Layby	Priority	-	-	0.03	0.03

Notes: (1) DFC = Design Ratio of Flow to Capacity for Priority Junction/Roundabout
(2) RC = Reserve Capacity for Signalized Junction

4.7.2 Based on the assessment results given in **Table 4.7**, most of the critical junctions will operate over capacities in both reference (without the proposed development) and design (with the proposed development) scenarios in year 2033, namely:

- **Junction A** - Ting Kok Road/ Dai Fai Street with RC <15% during AM peak hour without and with the proposed development;
- **Junction B** - Ting Kok Road / Fung Yuen Road with RC <15% during both AM and PM peak hours without and with the proposed development;
- **Junction C** - Ting Kok Road / Dai Fuk Road / Yuen Shin Road with RC <15% during AM peak hour without the proposed development, both AM and PM peak hours with the proposed development;

- **Junction D** - Yuen Shin Road / Dai Fat Street with RC <15% during AM peak hour without and with the proposed development;
- **Junction E** - Tai Po Tai Wo Road / Yuen Shin Road with RC <15% during AM peak hour without and with the proposed development.

4.7.3 Improvement schemes are proposed for Junction A, Junction B, Junction C, Junction D and Junction E will be discussed in **Section 4.8**.

4.8 Proposed Improvement Schemes of Critical Junctions

4.8.1 Improvement schemes are proposed at Junction A, Junction B, Junction C, Junction D and Junction E. The details of the improvement schemes are illustrated in **Figure 4.4 to Figure 4.8.** The operational performances are summarized in **Table 4.8**.

Table 4.8 Operational Performance in 2033 with Proposed Improvement

Ref.	Junction	Proposed Improvement Details	Method of Control	Year 2033 RC[(1)]			
				Design Scenario (Without Proposed Improvement)		Design Scenario (With Proposed Improvement)	
				AM Peak	PM Peak	AM Peak	PM Peak
A	Ting Kok Road/ Dai Fat Street	As shown in **Figure 4.4**: • Additional lane for right turn movement at Ting Kok Road (Eastbound); • Modifying the road marking. The existing shared use of straight and right turn movements will change to straight ahead movement; • Island and pedestrian crossing are slightly shifted to the southward at Dai Fat Street; • Relocate the bus stop at Ting Kok Road; • Cycle time is modified to 120s at peak hours.	Signal	**6%**	23%	52%	84%

Ref.	Junction	Proposed Improvement Details	Method of Control	Year 2033 RC[(1)]			
				Design Scenario (Without Proposed Improvement)		Design Scenario (With Proposed Improvement)	
				AM Peak	PM Peak	AM Peak	PM Peak
B	Ting Kok Road / Fung Yuen Road	As shown in **Figure 4.5:** • Changing direct crossing at Ting Kok Road to the opposite side; • Modifying Fung Yuen Road (Southbound) left and right turn movements to right turn movement only; • Adding channelizing island and additional lane for left turn movement; • Modifying the road marking from shared use of straight ahead and right turn to the straight ahead movement only at Ting Kok Road (Westbound); • Removal of the pocket at Ting Kok Road (Westbound); • Converting crossing at Fung Yuen Road to stagger crossing so that the inter-green time of this junction is substantially reduced; • Relocation of bus stop; • The unnamed road will allow for two-way traffic with traffic road markings on it; • Additional right turn movement will be provided in Ting Kok Road (Westbound); • Pedestrian crossing will be provided in the unnamed road; • Cycle time is modified to 120s at peak hours.	Signal	**-16%**	**-16%**	47%	47%
C	Ting Kok Road / Dai Fuk Road / Yuen Shin Road	As shown in **Figure 4.6:** • Additional lane of left turn from Ting Kok Road (E/B) to Ting Kok Road (N/B); • Modifying the cycling time to 120s for both AM and PM peak hours to reduce the overall lost time; • Modifying the right turn movement at Ting Kok Road (N/B) to shared use of straight ahead and right turn; • Modifying the left turn movement to straight ahead movement at Ting Kok Road (E/B); • Modifying the straight ahead	Signal	**7%**	**12%**	37%	47%

Ref.	Junction	Proposed Improvement Details	Method of Control	Year 2033 RC[(1)]			
				Design Scenario (Without Proposed Improvement)		Design Scenario (With Proposed Improvement)	
				AM Peak	PM Peak	AM Peak	PM Peak
		movement of Ting Kok Road (E/B) right turn to Yuen Shin Road.					
D	Yuen Shin Road / Dai Fat Street	As shown in **Figure 4.7:** • Modifying Yuen Shin Road (Southbound) to straight ahead and left turn movements to straight ahead movement only; • Additional lane on Yuen Shin Road (Southbound); • Modifying Yuen Shin Road (Northbound) shared straight ahead and right turn movements to turning right movement only; • Modifying Yuen Shin Road (Northbound) straight ahead movement only to straight ahead and right turn movements; • Additional straight ahead movement lane of Yuen Shin Road (Northbound); • Additional lane on Dai Fat Street; • Cycle time is modified to 120s at peak hours.	Signal	**-5%**	17%	22%	47%
E	Tai Po Tai Wo Road / Yuen Shin Road	As shown in **Figure 4.8:** • Additional right turn movement lane of Tai Po Tai Wo Road (Eastbound) by narrowing down the central divider; • Modifying the road markings on Yuen Shin Road (Southbound); • Narrowing and shortening the central divider at Tai Po Tai Wo Road; • Guided road markings are provided along Yuen Shin Road (Northbound); • Cycle time is modified to 120s at peak hours.	Signal	**10%**	31%	29%	54%

Notes: (1) RC = Reserve Capacity for Signalized Junction

4.8.2 **Table 4.8** revealed that the critical junctions would operate with ample capacities in design year 2033 after modification.

4.8.3 The detailed arrangements, such as signal aspects, traffic controllers, vehicle detector loops, etc. will be provided in the junction improvement works. The detailed design will be refined in the later stage upon the approval of this planning application and verified during the land exchange application process.

Assessment of Critical Road Links

4.8.4 The assessment of the critical road links for the design flows in 2033 is shown in **Table 4.9**

Table 4.9 Assessment of Critical Road Links for Design Flows in 2033

Ref.	Road Links	Direction	Capacity (pcu/hr)	Flow (pcu/hr)		V/C	
				AM Peak	PM Peak	AM Peak	PM Peak
L1	Fung Yuen Road	N/B	890	295	335	0.33	0.38
		S/B	890	380	300	0.43	0.34
L2	Ting Kok Road (between Dai Fat Street and Fung Yuen Road)	W/B	2940	1665	1280	0.57	0.44
		E/B	2940	1560	1505	0.53	0.51
L3	Ting Kok Road (between Fung Yuen Road and Dai Fuk Road)	N/B	2940	1785	1780	0.61	0.61
		S/B	2940	1980	1525	0.67	0.52
L4	Yuen Shin Road (between Dai Fuk Road and Dai Fat Street)	N/B	2940	990	1060	0.34	0.36
		S/B	2940	1415	1110	0.48	0.38
L5	Yuen Shin Road (between Dai Fat Street and Tai Po Tai Wo Road)	N/B	2940	1965	1440	0.67	0.49
		S/B	2940	2055	1745	0.70	0.59

Note: (1) Pcu factor 1.226 adopted
(2) Capacity Reduction Factor of 0.9 applied due to high Heavy Vehicle percentage

4.8.5 The assessment results in **Table 4.9** indicate that all road links at present will be operating with ample capacities for the Design Flows in 2033.

4.8.6 The road improvement works listed in the **Table 4.8** will be responsible by the applicant on his own cost.

4.8.7 The OP year of the applicant's site will be 2030, which is 3 years earlier than the OP year of LSPS/0001, i.e. 2033. Throughout the calculation, the applicant has taken into account the LSPS/0001, and the operational performance with the proposed improvement works will operate with ample capacities. If there are any substantial changes, the applicant will update the traffic review report in the land exchange stage.

4.8.8 The applicant will also undertake all the coordination works and interface issues regarding the junction improvement works.

5. PUBLIC TRANSPORT DEMAND

5.1 Survey on Existing Public Transport Service at Fung Yuen Bus Terminus

5.1.1 The proposed development is a residential and social complex development. It is assumed that the outbound trips for work and school during weekday morning peak will be the most critical. This will be adopted for assessment purposes for this study.

5.1.2 A traffic survey on traffic pattern and localized public transport demand survey at bus/ GMB stops in the vicinity was carried out during the morning peak period, from 7:30am to 9:30am on a typical weekday in May 2025. It is note that no special events happened on the survey date. Analysis of the observed traffic data indicated that the peak hour flow in the AM peak occurred from 07:30 to 08:30.

5.1.3 The details of bus stop locations and findings are shown in **Figure 5.1** and **Table 5.1** respectively.

5.1.4 The same design year as vehicular traffic forecast for Year 2033 is adopted for the future public transport demand forecast.

5.1.5 Based on the observed flows and adopted the growth rate of **1.00%**, the pedestrian flow is then superimposed onto the design year 2033 with the assumption of the public transport demand. This derives the year 2033 reference scenario (without the proposed development). The details of the calculation of the reference case are shown in the **Table 5.2**.

5.1.6 The maximum occupancy rate of franchised bus services is 75%. The 75% rate will only be applied in the year 2033 calculation (for both reference and design cases).

Table 5.1 Observed Boarding/ Alighting of Public Transport in AM Peak Hour in 2025

	Bus /GMB Stop	Mode	Route No.	Observed Vehicular Trips [A]	Passenger Capacity (per hour) [B]	Year 2025 Existing Scenario (per hour)					
						Surveyed passengers on board arriving bus stop [C]	Total no. of Boarding passengers [D]	Total no. of Alighting passengers [E]	Surveyed passengers on board leaving bus stop [F]=[C]+[D]	Surplus Capacity (G)=(B)-(F)	Surplus Capacity %
AM Peak (0730-0830)	**Inbound**										
	A	Bus	74E	2	240	156	53	0	209	31	13%
		GMB	20M	6	114	10	94	10	94	20	18%
			20P	9	171	6	162	6	162	9	5%
	C	GMB	20M	5	95	77	2	0	79	16	17%
			20P	10	190	151	0	0	151	39	21%
	E	GMB	20M	5	95	81	0	0	81	14	15%
			20P	10	190	151	0	0	151	39	21%
	G	GMB	20M	5	95	81	1	0	82	13	14%
			20P	10	190	154	0	0	154	36	19%
	H	Bus	73	3	360	36	1	5	32	328	91%
			74K	7	840	432	11	4	439	401	48%
			96	2	240	24	0	0	24	216	90%
		GMB	20B	9	171	104	0	5	99	72	42%
			20C	17	323	176	1	9	168	155	48%
			20G	3	57	20	0	0	20	37	65%
			20K	11	209	168	1	16	153	56	27%
			20R	1	19	12	0	0	12	7	37%
			26	15	285	243	0	1	242	43	15%
	Outbound										
	A	Bus	74E	2	240	156	53	0	209	31	13%
		GMB	20M	6	114	10	94	10	94	20	18%
			20P	9	171	6	162	6	162	9	5%
	B	GMB	20M	6	114	39	0	16	23	91	80%
			20P	9	171	28	0	7	21	150	88%
	D	Bus	74E	2	240	156	0	0	156	84	35%
		GMB	20M	6	114	40	0	0	40	74	65%
			20P	10	190	31	0	0	31	159	84%
	F	Bus	74E	2	240	156	0	0	156	84	35%
		GMB	20M	6	114	40	0	0	40	74	65%
			20P	10	190	31	0	0	31	159	84%
	I	Bus	72A	2	240	24	0	0	24	216	90%
			73	2	240	24	0	0	24	216	90%
			74E	2	240	144	0	0	144	96	40%
			74K	4	480	216	2	3	215	265	55%
			75K	5	600	396	0	0	396	204	34%
			75P	1	120	84	0	0	84	36	30%
			96	1	120	12	1	0	13	107	89%
		GMB	20B	5	95	95	0	1	94	1	1%
			20C	12	228	225	0	2	223	5	2%
			20E	2	38	35	0	0	35	3	8%
			20G	2	38	36	0	0	36	2	5%
			20K	8	152	87	0	0	87	65	43%
			20R	1	19	18	0	0	18	1	5%
			26	13	247	80	4	0	84	163	66%

Note: Assumed capacity for bus: 120 seats; assumed capacity for GMB: 19 seats

Table 5.2 Boarding/ Alighting of Public Transport at Fung Yuen in AM Peak Hour in 2033 (without the Proposed Development)

	Bus /GMB Stop	Mode	Route No.	Observed Vehicular Trips [A]	Passenger Capacity (per hour) [H] (1)	Year 2033 Reference Scenario (per hour)						
						Surveyed passengers on board arriving bus stop [I]=[C]*{1+G.F%}^8	Total no. of Boarding passengers [J]=[D]*{1+G.F%}^8	Total no. of Alighting passengers [K] [E]*{1+G.F%}^8	Surveyed passengers on board leaving bus stop [L]=[J]+[I]	Surplus Capacity (N)=(H)-(I)-(J)	Surplus Capacity %	Additional Frequency Required
AM Peak (0730-0830)	**Inbound**											
	A	Bus	74E	2	180	169	57	0	226	-46	-26%	1
		GMB	20M	6	114	11	102	11	102	12	11%	-
			20P	9	171	6	175	6	175	-4	-2%	1
	C	GMB	20M	5	95	83	2	0	85	10	11%	-
			20P	10	190	164	0	0	164	26	14%	-
	E	GMB	20M	5	95	88	0	0	88	7	7%	-
			20P	10	190	164	0	0	164	26	14%	-
	G	GMB	20M	5	95	88	1	0	89	6	6%	-
			20P	10	190	167	0	0	167	23	12%	-
	H	Bus	73	3	270	39	1	5	35	235	87%	-
			74K	7	630	468	12	4	476	154	24%	-
			96	2	180	26	0	0	26	154	86%	-
		GMB	20B	9	171	113	0	5	108	63	37%	-
			20C	17	323	191	1	10	182	141	44%	-
			20G	3	57	22	0	0	22	35	61%	-
			20K	11	209	182	1	17	166	43	21%	-
			20R	1	19	13	0	0	13	6	32%	-
			26	15	285	263	0	1	262	23	8%	-
	Outbound											
	A	Bus	74E	2	180	169	57	0	226	-46	-26%	1
		GMB	20M	6	114	11	102	11	102	12	11%	-
			20P	9	171	6	175	6	175	-4	-2%	1
	B	GMB	20M	6	114	42	0	17	25	89	78%	-
			20P	9	171	30	0	8	22	149	87%	-
	D	Bus	74E	2	180	169	0	0	169	11	6%	-
		GMB	20M	6	114	43	0	0	43	71	62%	-
			20P	10	190	34	0	0	34	156	82%	-
	F	Bus	74E	2	180	169	0	0	169	11	6%	-
		GMB	20M	6	114	43	0	0	43	71	62%	-
			20P	10	190	34	0	0	34	156	82%	-
	I	Bus	72A	2	180	26	0	0	26	154	86%	-
			73	2	180	26	0	0	26	154	86%	-
			74E	2	180	156	0	0	156	24	13%	-
			74K	4	360	234	2	3	233	127	35%	-
			75K	5	450	429	0	0	429	21	5%	-
			75P	1	90	91	0	0	91	-1	-1%	1
			96	1	90	13	1	0	14	76	84%	-
		GMB	20B	5	95	103	0	1	102	-7	-7%	1
			20C	12	228	244	0	2	242	-14	-6%	1
			20E	2	38	38	0	0	38	0	0%	-
			20G	2	38	39	0	0	39	-1	-3%	1
			20K	8	152	94	0	0	94	58	38%	-
			20R	1	19	19	0	0	19	0	0%	-
			26	13	247	87	4	0	91	156	63%	-

Note: (1) The maximum occupancy of franchised bus will be 75%
(2) Assumed capacity for bus: 120 seats; assumed capacity for GMB: 19 seats

5.1.7 **Table 5.2** indicates that there are shortages of GMB services 20B, 20C, 20G, 20P and bus services 74E, 75P in AM for the reference case in year 2033.

5.2 Assessment on Public Transport Demand in Year 2033 for Proposed Development

5.2.1 The assessment year of the proposed development will be year 2033.

5.2.2 The anticipated population size of the development is calculated based on the person per flat (PPOF) of 2.6. The results are shown in the **Table 5.3**.

Table 5.3 Size of Population of the Proposed Development

No. of Flats	Population (PPF = 2.6)	Anticipated Completion Year	Assessment Year
1988	5169	2030	2033
Total	**5169**	-	-

5.2.3 Reference has been made to the modal split in the 2021 Population Census for Tai Po District as shown in **Table 5.4**.

Table 5.4 Modal Split in 2021 Population Census Tai Po District

Mode			Percentage in 2021 Population Census Tai Po District
Franchised Bus			52%
PLB / GMB			13%
Others	MTR (Local Line)	-	35%
	On Foot	-	
	Private Car/Passenger Van	28%	
	Company bus / van	-	
	Light Rail (Light Rail)	-	
	Taxi	2%	
	Residential Coach	1%	
	Ferry / Vessel	-	
	Others	4%	
Total			**100%**

Table 5.5 Boarding Distribution Arising from Proposed Development by Transport Mode

Mode	Percentage in 2021 Population Census Tai Po District	Passenger Demand
		Proposed Development
Franchised Bus	52%(1)	590
GMB	13%(1)	147
Sub-total	***65%***	***737***
Others	35%(1)	398
Total	100%	= 1,988(2) x 2.6(2) x 1.83(3) x 12%(3) = 1,135 (2-ways)
Boarding Distribution		
AM Peak Inbound (15%)(4)	Bus	89
	GMB	22
AM Peak Outbound (85%)(4)	Bus	501
	GMB	125

Notes:
(1) Extracted from Table 5.4.
(2) Extracted from Table 5.3.
(3) Peak hour consists of 12% of daily trips according to E2.9 of TCS Report 2011.
(4) Distribution % is extracted from the table of 5.1

5.2.4 As discussed with relevant Government departments previously for enhancing the convenience of the proposed residential development, a bus layby is proposed. The proposed layby with bus turn-around facility is adjacent to the Tower 6. Further details are shown in **Figure 5.2**.

5.2.5 It is assumed that the proposed bus layby will have the same bus routes as Fung Yuen Bus Terminus. For GMB services, it is anticipated that the residents of the proposed development will use the nearest stop at Case Papillon and Tin Sam Tsuen for existing GMB services along Fung Yuen Road and the GMB stops at Ting Kok Road for existing GMB services along Ting Kok Road.

5.2.6 The future demand for public transport is derived from the equation below:

2033 Reference Passenger Flows (Without Proposed Development) = **2025 Passenger Flows** **x** **Adopted Growth Factor (i.e. +1.00% p.a. for 8 years)**

2033 Design Passenger Flows (With Proposed Development)	=	**2033 Reference Passenger Flows (Without Proposed Development)**	+	**Proposed Development Passenger Flows**

5.2.7 Based on **Table 5.1** and **Table 5.2**, the expected demand of public transport in Year 2033 with proposed development is shown in **Table 5.6**.

Table 5.6 Boarding Distribution Arising from Proposed Development by Transport Mode in the AM Peak Hour

	Bus /GMB Stop	Mode	Route No.	Year 2033 Reference Scenario (without proposed development)		Year 2033 Design Scenario (with proposed development)				
				Surplus Capacity (without the Proposed Development) [C]	Additional Frequency Required [B]	% of Distribution	No. of Passengers from Proposed Development [D]	Surplus Capacity (per hour) [E] = [C] - [D]	Surplus Capacity in %	Additional Frequency Required
AM Peak (0730-0830)	**Inbound**									
	A	Bus	74E	-46	1	-	0	-46	-26%	1
		GMB	20M	12	-	-	0	12	11%	-
			20P	-4	1	-	0	-4	-2%	1
	C	GMB	20M	10	-	-	0	10	11%	-
			20P	26	-	-	0	26	14%	-
	E	GMB	20M	7	-	9%	2	5	5%	-
			20P	26	-	9%	2	24	13%	-
	G	GMB	20M	6	-	9%	2	4	4%	-
			20P	23	-	9%	2	21	11%	-
	H	Bus	73	235	-	56%	49	186	69%	-
			74K	154	-	44%	40	114	18%	-
			96	154	-	0%	0	154	86%	-
		GMB	20B	63	-	10%	2	61	36%	-
			20C	141	-	20%	4	137	42%	-
			20G	35	-	0%	0	35	61%	-
			20K	43	-	34%	7	36	17%	-
			20R	6	-	0%	0	6	32%	-
			26	23	-	2%	0	23	8%	-
	Outbound									
	A	Bus	74E	-46	1	-	0	-46	-26%	1
		GMB	20M	12	-	-	0	12	11%	-
			20P	-4	1	-	0	-4	-2%	1
	B	GMB	20M	89	-	-	0	89	78%	-
			20P	149	-	-	0	149	87%	-
	D	Bus	74E	11	-	32%	159	-148	-82%	2
		GMB	20M	71	-	25%	31	40	35%	-
			20P	156	-	25%	31	125	66%	-
	F	Bus	74E	11	-	32%	159	-148	-82%	2
		GMB	20M	71	-	25%	31	40	35%	-
			20P	156	-	25%	31	125	66%	-
	I	Bus	72A	154	-	0%	0	154	86%	-
			73	154	-	0%	0	154	86%	-
			74E	24	-	0%	0	24	13%	-
			74K	127	-	5%	25	102	28%	-
			75K	21	-	0%	0	21	5%	-
			75P	-1	1	0%	0	-1	-1%	1
			96	76	-	0%	0	76	84%	-
		GMB	20B	-7	1	0%	1	-8	-8%	1
			20C	-14	1	1%	1	-15	-7%	1
			20E	0	-	0%	0	0	0%	-
			20G	-1	1	0%	0	-1	-3%	1
			20K	58	-	0%	0	58	38%	-
			20R	0	-	0%	0	0	0%	-
			26	156	-	0%	0	156	63%	-

5.2.8 Based on the assessment, it is foreseen that the spare capacity of some of the existing public transport services in morning peak hour will be insufficient to cater the future demand by Year 2033 induced by both with and without the proposed development.

Mitigation Measures

5.2.9 It is proposed to enhance the existing public transport services by introducing more additional trips to meet the shortage as given in **Table 5.6**.

5.3 Assessment Waiting Area of Bus/ GMB Stop

5.3.1 The existing bus/ GMB stops assessed in **Table 5.6** are expected to serve the residents of the proposed development.

5.3.2 Analysis on the estimated waiting passengers due to proposed development is required to assess whether the bus/GMB stops will have sufficient space for waiting passengers.

5.3.3 Based on the calculation of peak hour trips for franchised bus and minibus summarized in **Table 5.6** and the frequency of the public transport services recorded, the number of waiting passengers per vehicular trip can be estimated and resulted in **Table 5.7**.

Table 5.7 Inbound and Outbound Direction during the AM Peak in Year 2033

	Bus /GMB Stop	Mode	Route No.	Year 2033 Reference Scenario (without proposed development)		Year 2033 Design Scenario (with proposed development)				
				Total no. of Boarding Passengers [A]	Total no. of Alighting Passengers [B]	No. of Passengers from Proposed Development [C]	Total Boarding Passenger (per hour) [D] = [A] + [C]	No. of Bus/GMB in Peak Hour [E](2)	Average No. of Waiting Passenger in Bus/GMB Stop per vehicular trip [F] = [D]/[E]	Average No. of Waiting Passenger per vehicular trip [G]
AM Peak (0730-0830)	**Inbound**									
	G	GMB	20M	1	0	2	3	5	1	2
			20P	0	0	2	2	10	1	
	H	Bus	73	1	5	49	50	3	17	28
			74K	12	4	40	52	7	8	
			96	0	0	0	0	2	0	
		GMB	20B	0	5	2	2	9	1	
			20C	1	10	4	5	17	1	
			20G	0	0	0	0	3	0	
			20K	1	17	7	8	11	1	
			20R	0	0	0	0	1	0	
			26	0	1	0	0	15	0	
	Outbound									
	F	Bus	74E	0	0	159	159	4	40	50
		GMB	20M	0	0	31	31	6	6	
			20P	0	0	31	31	10	4	
	I	Bus	72A	0	0	0	0	2	0	11
			73	0	0	0	0	2	0	
			74E	0	0	0	0	2	0	
			74K	2	3	25	27	4	7	
			75K	0	0	0	0	5	0	
			75P	0	0	0	0	2	0	
			96	1	0	0	1	1	1	
		GMB	20B	0	1	1	1	6	1	
			20C	0	2	1	1	13	1	
			20E	0	0	0	0	2	0	
			20G	0	0	0	0	3	0	
			20K	0	0	0	0	8	0	
			20R	0	0	0	0	1	0	
			26	4	0	0	4	13	1	

Notes:
(1) The location of Bus/ GMB stops refer to **Figure 5.1**
(2) Item [E] refers to **Table 5.1**

5.3.4 In order to ensure a desirable walking environment along the layby, the concept of Level-of-Service (LOS) has been applied. LOS directly relates to the pedestrian comfort and ease with which pedestrians proceed along the walkway.

5.3.5 The Break Points of LOS levels are determined on the basis of flow rate, pedestrian spacing, and the probabilities of conflict at various concentrations. These standards with relevant descriptions are summarized in **Table 5.8**.

Table 5.8 LOS Standard Criteria for Queuing Area

LOS	Average Pedestrian Space (m^2/p)	Description
A	>1.2	Standing and free circulation through the queuing area is possible without disturbing others within the queue.
B	>0.9 – 1.2	Standing and partially restricted circulation to avoid disturbing others in the queue is possible.
C	>0.6 – 0.9	Standing and restricted circulation through the queue area by disturbing others in the queue is possible; this density is within the range of personal comfort.
D	>0.3 – 0.6	Standing without touching is possible; circulation is severely restricted within the queue and forward movement is only possible as a group; long-term waiting at this density is uncomfortable.
E	>0.2 – 0.3	Standing in physical contact with others is unavoidable; circulation in the queue is not possible; queuing can only be sustained for a short period without serious discomfort.
F	<0.2	Virtually all persons within the queue are standing in direct physical contact with others; this density is extremely uncomfortable; no movement is possible in the queue; there is potential for panic in large crowds at this density.

Source: Chapter 11 of Highways Capacity Manual 2000

5.3.6 The LOS is calculated and the results are given in **Table 5.9** below. In addition, the corresponding bus/ GMB stop locations and the area of the waiting space can be referred to **Figure 5.3.**

Table 5.9 LOS Assessment on Waiting Space at Bus Stops in AM Peak in 2033

	Bus/ GMB Stops	Approx. Length (m)	Approx. Width (m)	Approx. Waiting Space Area (m^2)	Waiting Space (m^2/p)	LOS	Remark
AM Peak	F	22	1.5	33	= 33 ÷ 50 = 0.66	C	Acceptable
	G	11	2.2	24.2	= 24.2 ÷ 2 = 12.1	A	Acceptable
	H	16	1.3	20.8	= 20.8 ÷ 28 = 0.74	C	Acceptable
	I	20	1.4	28	= 28 ÷ 11 = 2.55	A	Acceptable

5.3.7 Based on the above calculation and assessment, LOS A and C are achieved. They are considered acceptable in traffic engineering point of view.

6. PEDESTRIAN ASSESSMENT

6.1 Survey on Pedestrian Flows in the Vicinity

6.1.1 To investigate the serviceability of pedestrian pathways in the vicinity in design year 2033, a pedestrian assessment is conducted.

6.1.2 Pedestrian count surveys were carried out to obtain the existing pedestrian demand on the major pedestrian pathways in the vicinity of the proposed development site.

6.1.3 The survey was carried out on a normal weekday 13 May 2025, from 07:30 to 09:30 (AM Peak), from 17:00 to 19:00 (PM Peak), and there is no special event happened around.

6.1.4 The assessment sections are shown in the **Figure 6.1** and the observed pedestrian flow is shown in **Figure 6.2.**

6.1.5 The level-of-service (LOS) for baseline operational performances of the identified critical sections and pedestrian crossings are listed in **Table 6.1** and **Table 6.2**.

Table 6.1 Performance of Critical Footpath in Observed Scenario

Critical Sections	Total Footpath Width (m)[1]	Effective Width (m)[2]	Baseline Scenario (Year 2025)					
			AM Peak			PM Peak		
			Two-way Pedestrian Flow (ped/hr)	Two-way Pedestrian Flow Rate (ped/min/m) [3]	LOS	Two-way Pedestrian Flow (ped/hr)	Two-way Pedestrian Flow Rate (ped/min/m) [3]	LOS
A	1.6	0.6	195	5.42	A	150	4.17	A
B	1.7	0.7	70	1.67	A	55	1.31	A
C	2	1	65	1.08	A	65	1.08	A
D	2	1	75	1.25	A	100	1.67	A
E	2	1	75	1.25	A	70	1.17	A
F	2	1	160	2.67	A	150	2.5	A
G	2	1	25	0.42	A	50	0.83	A
H	2.7	1.7	60	0.59	A	85	0.83	A
I	2	1	80	1.33	A	120	2	A
J	2.1	1.1	50	0.76	A	40	0.61	A
K	2	1	45	0.75	A	25	0.42	A
L	2	1	55	0.92	A	40	0.67	A
M	2	1	50	0.83	A	40	0.67	A

Notes:
(1) Effective Width = Total Footpath Width – Death Width (0.5m from railings or walls each for both sides).
(2) Two-way Pedestrian Flow Rate (ped/min/m) = Peak Pedestrian Flow / 60 min / Effective Width.
(3) LOS details extracted from the HCM are tabulated in TPDM Volume 6 Chapter 10 Clause 10.4.2.3.

Table 6.2 Performance of Pedestrian Crossings in Observed Scenario

Crossing	Method of Control	Observed Scenario (Year 2025)					
		AM Peak			PM Peak		
		Crossing Demand (ped/hr)	Crossing Capacity [1] (ped/hr)	V/C	Crossing Demand (ped/hr)	Crossing Capacity [1] (ped/hr)	V/C
R	Signalized	55	1265	0.04	75	1265	0.06
S	Signalized	55	1075	0.05	35	1075	0.03

Notes:

(1) Crossing Capacity is calculated according to TPDM Volume 4, Section 3.2.5.6

PC = K x GTP x W

Crossing "R":	***Crossing "S"***:
K = 1900 / m / hr	*K = 1900 / m / hr*
GTP = 20/120 = 0.167	*GTP = 17/120 = 0.142*
W = 4 m	*W = 4 m*
PC = 1,265 ped/hr	***PC = 1,075 ped/hr***

6.1.6 The results of assessment shown in **Table 6.1** and **Table 6.2** indicate that all critical sections and pedestrian crossings are operating with ample reserved capacity during AM and PM peak hours.

6.2 Future Pedestrian Conditions

6.2.1 Based on the observed flows and the adopted growth rate of +1.00%, the future pedestrian reference flows at the critical sections (without proposed development) in Year 2033 are estimated and summarized in **Table 6.3**, **Table 6.4** and **Figure 6.4**.

Table 6.3 Performance of Critical Footpath in Reference Scenario

Critical Sections	Total Footpath Width (m)[1]	Effective Width (m)[2]	Reference Scenario (Year 2033)					
			AM Peak			PM Peak		
			Two-way Pedestrian Flow (ped/hr)	Two-way Pedestrian Flow Rate (ped/min/m) (3)	LOS	Two-way Pedestrian Flow (ped/hr)	Two-way Pedestrian Flow Rate (ped/min/m) (3)	LOS
A	1.6	0.6	210	5.83	A	160	4.44	A
B	1.7	0.7	75	1.79	A	60	1.43	A
C	2	1	70	1.17	A	70	1.17	A
D	2	1	80	1.33	A	110	1.83	A
E	2	1	80	1.33	A	75	1.25	A
F	2	1	175	2.92	A	160	2.67	A
G	2	1	25	0.42	A	55	0.92	A
H	2.7	1.7	65	0.64	A	90	0.88	A
I	2	1	85	1.42	A	130	2.17	A
J	2.1	1.1	55	0.83	A	45	0.68	A
K	2	1	50	0.83	A	25	0.42	A
L	2	1	60	1.00	A	45	0.75	A
M	2	1	55	0.92	A	45	0.75	A

Table 6.4 Performance of Critical Pedestrian Crossings in Reference Scenario

Crossing	Method of Control	Reference Scenario (Year 2033)					
		AM Peak			PM Peak		
		Crossing Demand (ped/hr)	Crossing Capacity [1] (ped/hr)	V/C	Crossing Demand (ped/hr)	Crossing Capacity [1] (ped/hr)	V/C
R	Signalized	60	1265	0.05	80	1265	0.06
S	Signalized	60	1075	0.06	40	1075	0.04

Note: (1) Crossing Capacity is calculated according to TPDM Volume 4, Section 3.2.5.6

PC = K x GTP x W

Crossing "R":	***Crossing "S"***:
K = 1900 / m / hr	*K = 1900 / m / hr*
GTP = 20/120 = 0.167	*GTP = 17/120 = 0.142*
W = 4 m	*W = 4 m*
PC = 1,265 ped/hr	***PC = 1,075 ped/hr***

6.2.2 To estimate the pedestrian generation and attraction of the proposed development, assumptions of public transport demand assessment as in **Section 5.2** are also applied to the pedestrian assessment.

6.2.3 Based on the calculation of peak hour trips for franchised bus and minibus summarized in Table 5.6, the pedestrian flows of the proposed development is then superimposed onto the year 2033 reference pedestrian flow (without the proposed development) as shown in Figure 6.5, to derive at the year 2033 design pedestrian traffic flow (with the proposed development).

6.2.4 The assessment of the design scenario is summarized in **Table 6.5** and **Table 6.6**

Table 6.5 Performance of Critical Footpath in Design Scenario

Critical Sections	Total Footpath Width (m)[1]	Effective Width (m)[2]	Design Scenario (Year 2033)					
			AM Peak			PM Peak		
			Two-way Pedestrian Flow (ped/hr)	Two-way Pedestrian Flow Rate (ped/min/m) (3)	LOS	Two-way Pedestrian Flow (ped/hr)	Two-way Pedestrian Flow Rate (ped/min/m) (3)	LOS
A	1.6	0.6	210	5.83	A	160	4.44	A
B	1.7	0.7	75	1.79	A	60	1.43	A
C	2	1	645	10.75	A	780	13	A
D	2	1	435	7.25	A	795	13.25	A
E	2	1	210	3.5	A	705	11.75	A
F	2	1	175	2.92	A	160	2.67	A
G	2	1	25	0.42	A	55	0.92	A
H	2.7	1.7	90	0.88	A	480	4.71	A
I	2	1	185	3.08	A	370	6.17	A
J	2.1	1.1	55	0.83	A	45	0.68	A
K	2	1	270	4.5	A	50	0.83	A
L	2	1	280	4.67	A	70	1.17	A
M	2	1	55	0.92	A	45	0.75	A

Notes:
(1) Effective Width = Total Footpath Width – Death Width (0.5m from railings or walls each for both sides).
(2) Two-way Pedestrian Flow Rate (ped/min/m) = Peak Pedestrian Flow / 60 min / Effective Width.
(3) LOS details extracted from the HCM are tabulated in TPDM Volume 6 Chapter 10 Clause 10.4.2.3.

Table 6.6 Performance of Critical Pedestrian Crossings in Design Scenario

Crossing	Method of Control	Design Scenario (Year 2033)					
		AM Peak			PM Peak		
		Crossing Demand (ped/hr)	Crossing Capacity [1] (ped/hr)	V/C	Crossing Demand (ped/hr)	Crossing Capacity [1] (ped/hr)	V/C
R	Signalized	160	760	0.21	320	760	0.42
S	Signalized	85	950	0.09	430	950	0.45

Notes: (1) Crossing Capacity is calculated according to TPDM Volume 4, Section 3.2.5.6

PC = K x GTP x W

Crossing "R":	***Crossing "X"***:
K = 1900 / m / hr	*K = 1900 / m / hr*
GTP = 12/120 = 0.1	*GTP = 15/120 = 0.125*
W = 4 m	*W = 4 m*
PC = 760 ped/hr	***PC = 950 ped/hr***

6.2.5 It is revealed from the assessment results in **Table 6.5** and **Table 6.6** that the concerned sections of footpath and pedestrian crossings will all operate with ample reserved capacity (LOS A) during AM and PM peak hours in design year 2033.

7. SUMMARY AND CONCLUSION

7.1 Summary

7.1.1 CTA Consultants Limited (CTA) is commissioned as the traffic consultant to prepare the Traffic Impact Assessment (TIA) and provide technical justifications in supporting the S12A Planning Application from traffic engineering point of view.

7.1.2 To appraise the existing traffic condition, manual-classified counting surveys were conducted at critical junctions in 2025 from 07:30 to 09:30 and from 17:00 to 19:00. Current operational performance of the critical junctions has been assessed with the baseline traffic flows.

Junction Assessment and Performance

7.1.3 Junction operational assessment has been carried out for the year 2033 in both the reference and design scenarios. Results indicate that all critical junctions will operate within their capacities in 2033 during peak hours except the following junctions:

- Junction A - Ting Kok Road/ Dai Fai Street with RC <15% during AM peak hour without and with the proposed development;
- Junction B - Ting Kok Road / Fung Yuen Road with RC <15% during both AM and PM peak hours without and with the proposed development;
- Junction C - Ting Kok Road / Dai Fuk Road / Yuen Shin Road with RC <15% during AM peak hour without the proposed development, both AM and PM peak hours with the proposed development;
- Junction D - Yuen Shin Road / Dai Fat Street with RC <15% during AM peak hour without and with the proposed development;
- Junction E - Tai Po Tai Wo Road / Yuen Shin Road with RC <15% during AM peak hour without and with the proposed development.

7.1.4 Improvement schemes are proposed at Junctions A, B, C, D, and E. They will operate with ample capacities in design year 2033 after improvements.

7.1.5 The road link assessment shows that all road links will operate with the ample capacities for the Design Flow in 2033.

Public Transport

7.1.6 Public transport demand has also been assessed. It is observed that the most popular mode of transport for the residents in the area will be going to Tai Po Central, Tai Po Market MTR station, Kwun Tong Ferry Pier and Tsuen Wan. Therefore, it is proposed to enhance the existing public transport services by increasing the frequency during the AM Peak period.

Pedestrian Assessment

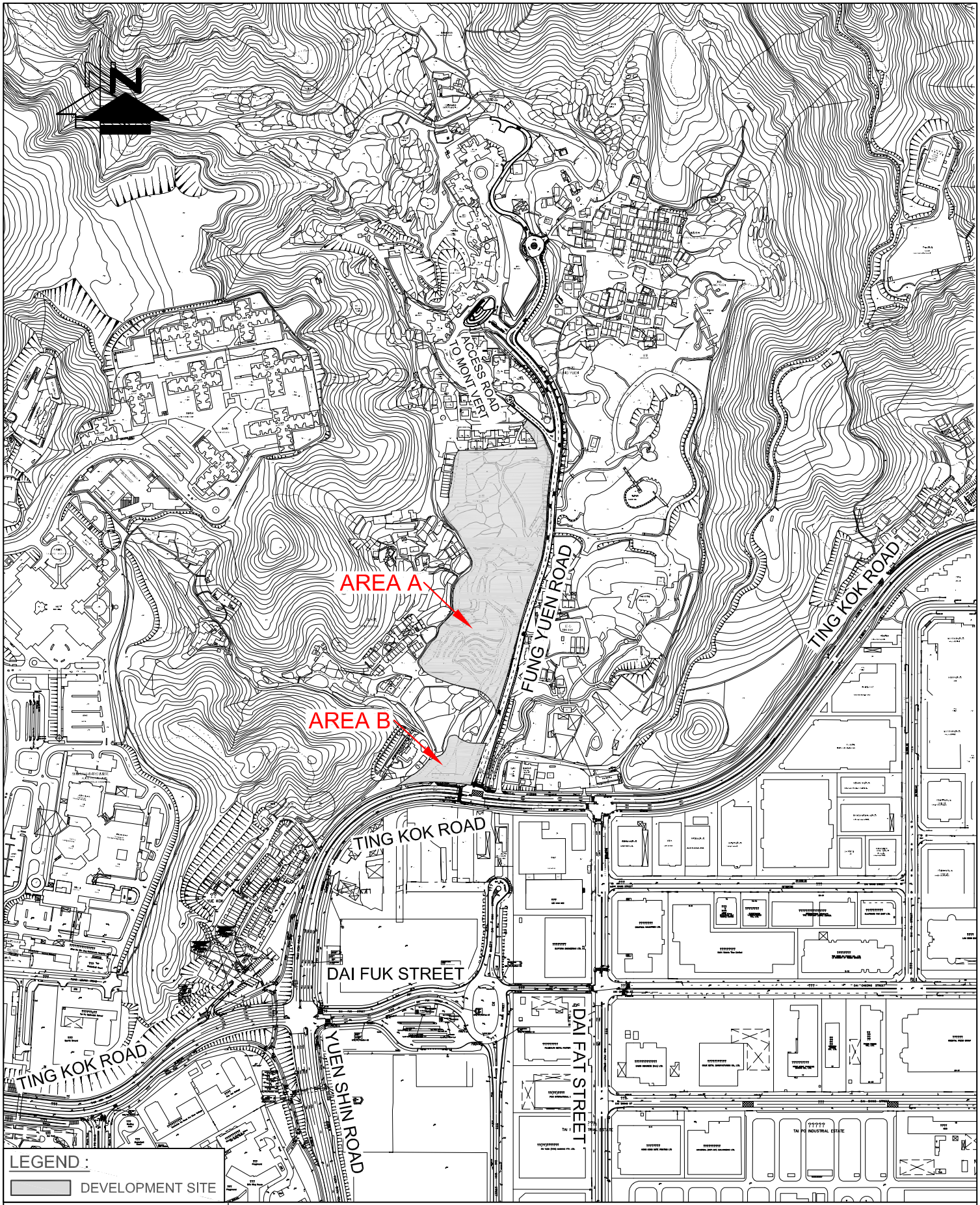
7.1.7 Pedestrian assessment also revealed that the concerned sections of footpath and pedestrian crossing will all operate with ample reserved capacity during AM and PM peak hours in design year 2033.

7.2 Conclusion

7.2.1 In conclusion, this TIA has demonstrated that the related traffic trips related to the proposed development can be absorbed by the nearby road network with the proposed junction improvements and no significant traffic impact will be induced.

7.2.2 With slight enhancement to the Public Transport, there will be sufficient services to meet the increased demand due to the proposed development.

7.2.3 Therefore, the proposed development is considered feasible from traffic engineering point of view.



LEGEND :

DEVELOPMENT SITE

FIGURE NO.: 2.1	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: SITE LOCATION PLAN
SCALE: 1 : 6100 @A4	DATE: 18 JUL 2025

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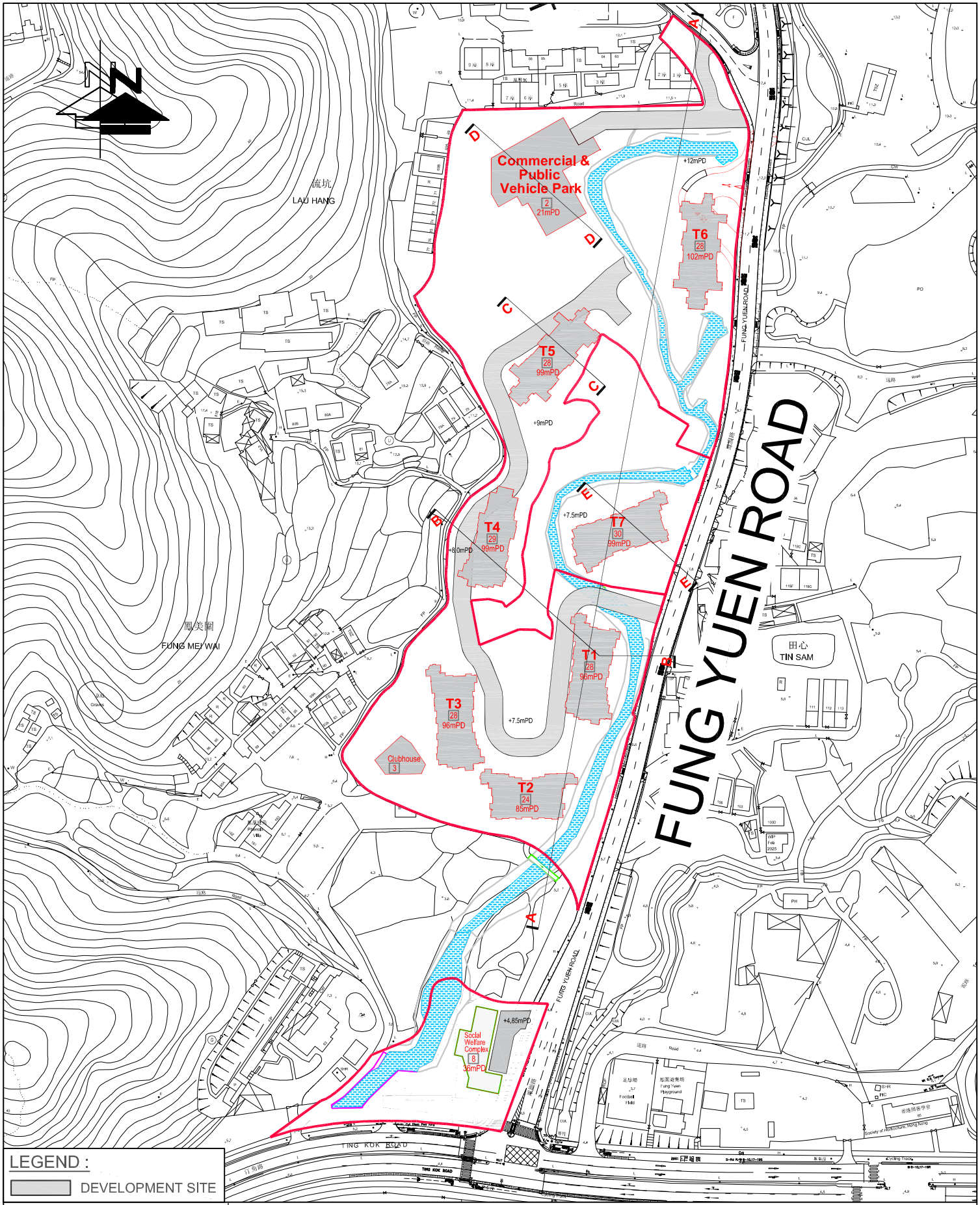

LEGEND :

DEVELOPMENT SITE

FIGURE NO.: 2.2	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: SITE LAYOUT PLAN
SCALE: 1 : 2000 @A4	DATE: 26 SEP 2025

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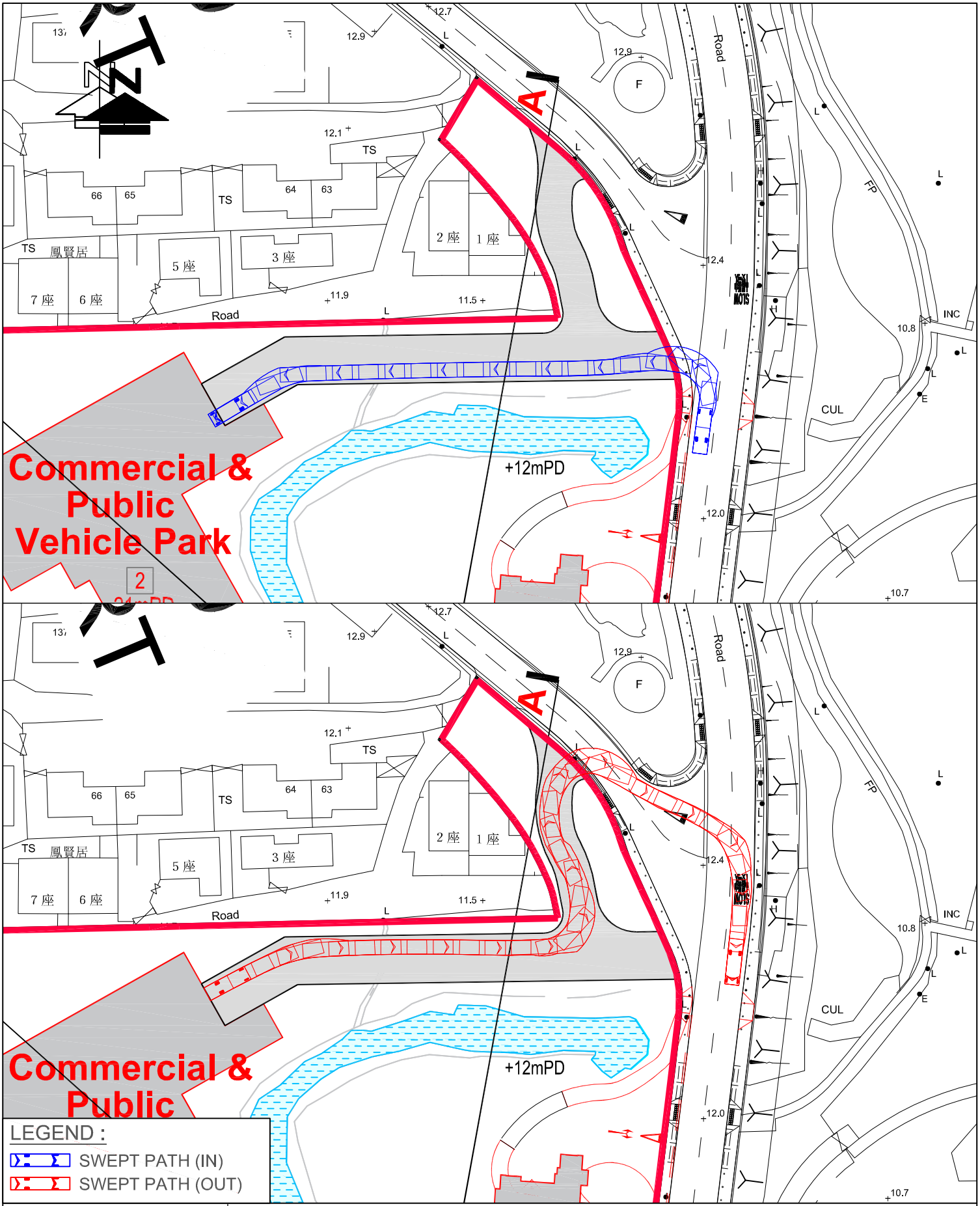

LEGEND :

SWEPT PATH (IN)

SWEPT PATH (OUT)

FIGURE NO.: 2.2 (SP)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED ACCESS SWEPT PATH ANALYSIS OF 7M VEHICLES
SCALE: 1 : 750 @A4 / DATE: 26 SEP 2025	CTA Consultants Limited 志達顧問有限公司

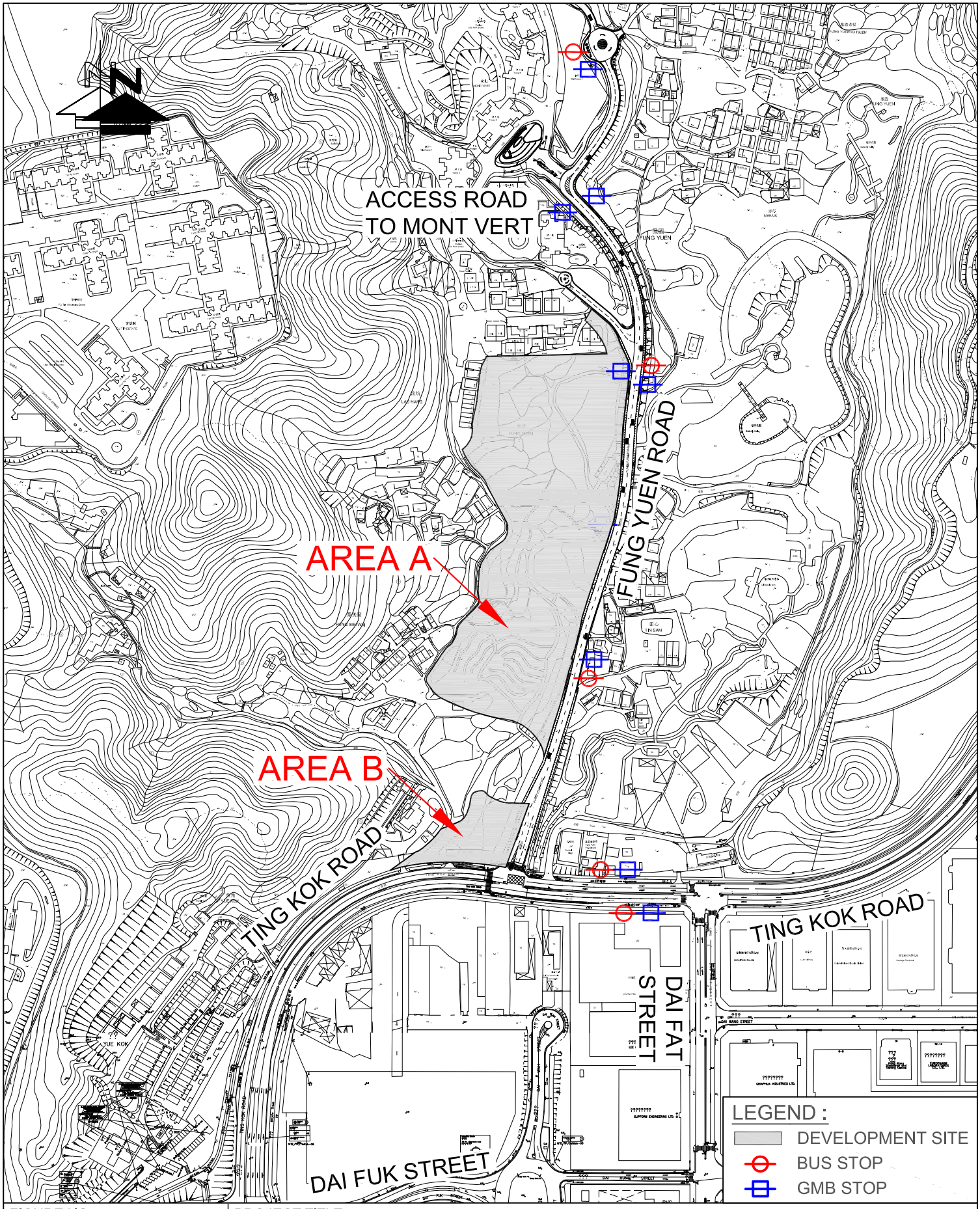

FIGURE NO.: 2.3	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: LOCATION OF THE NEARBY BUS STOP & GMB STOP
SCALE: 1 : 4000 @A4 / DATE: 21 JUL 2025	CTA Consultants Limited 志達顧問有限公司

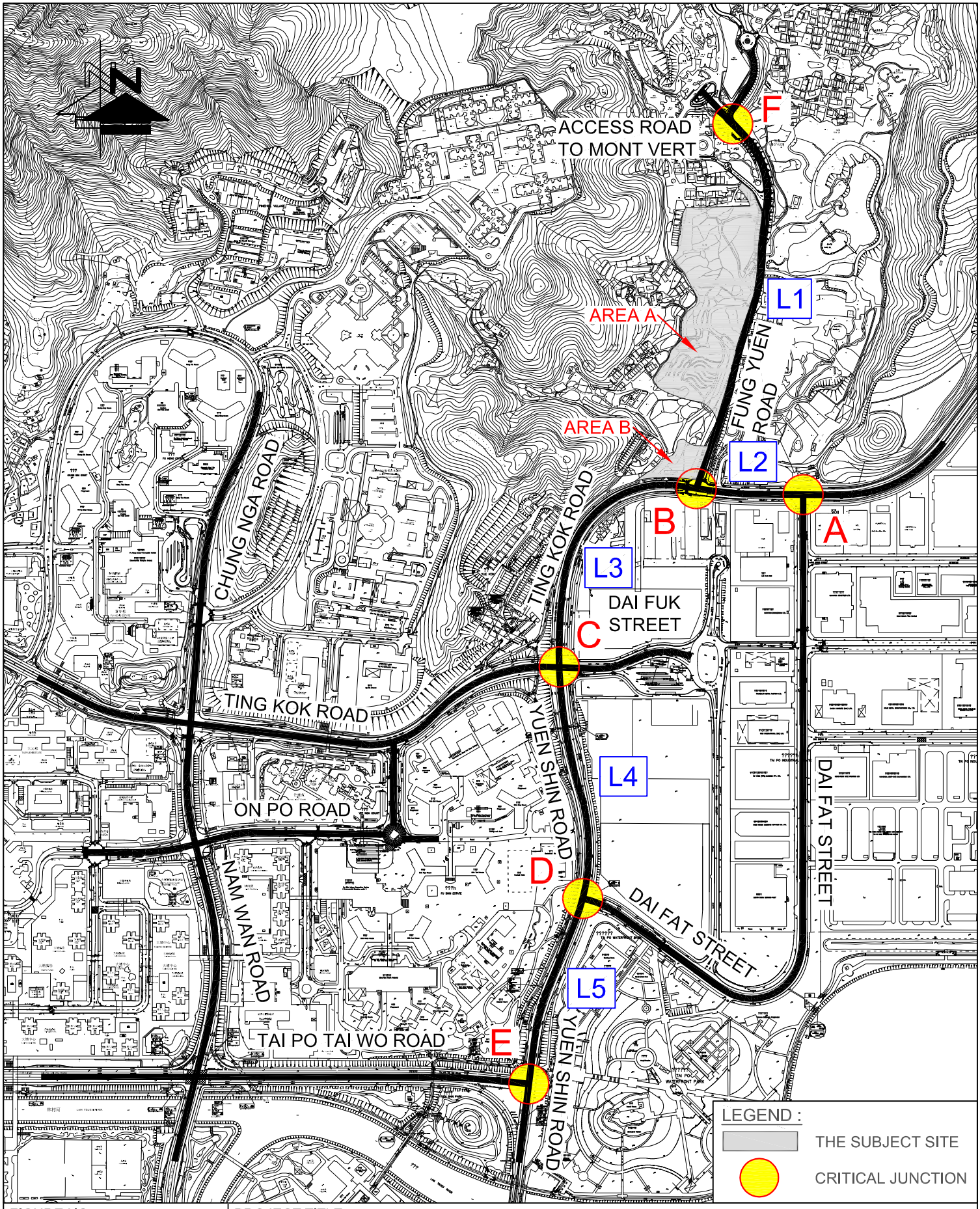

FIGURE NO.: 3.1	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: KEY JUNCTIONS AND CRITICAL ROAD LINK OF EXISTING ROAD NETWORK
SCALE: 1 : 7500 @A4	DATE: 18 JUL 2025
	CTA Consultants Limited 志達顧問有限公司

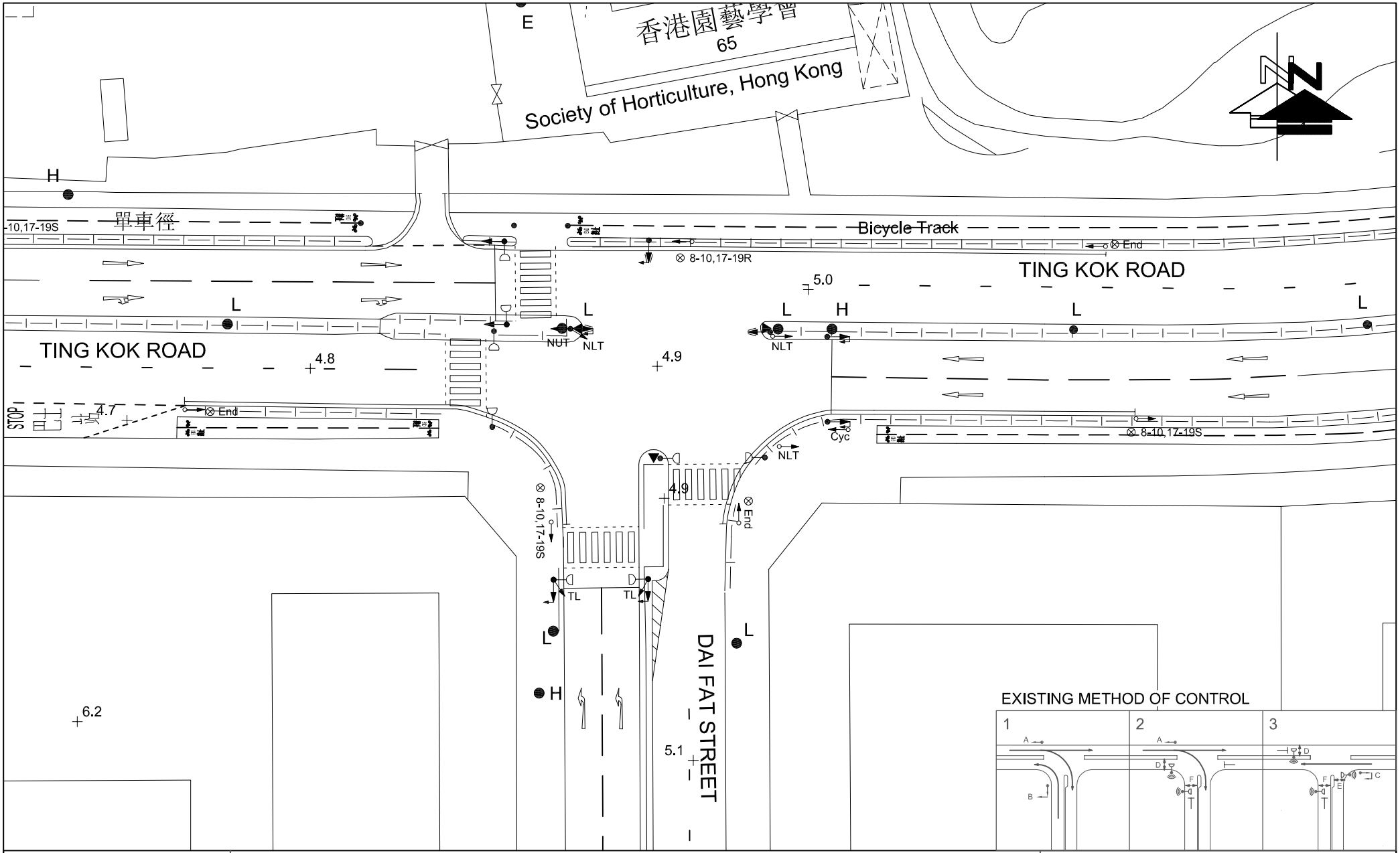

FIGURE NO.: 3.2	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: EXISTING JUNCTION LAYOUT OF TING KOK ROAD / DAI FAT STREET (A)
SCALE: 1 : 500 @A4	DATE: 18 JUL 2025

CTA Consultants Limited
志達顧問有限公司

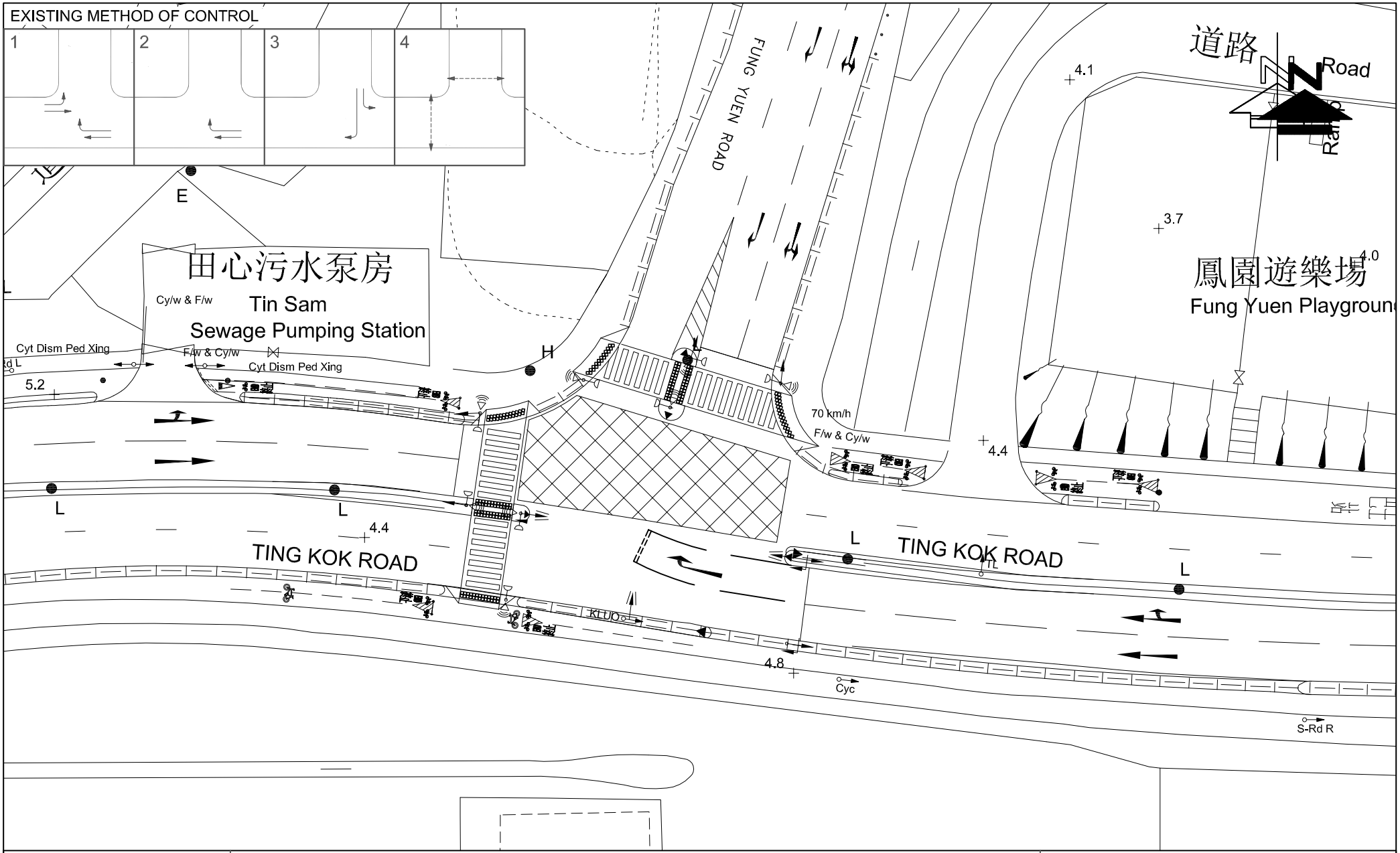

FIGURE NO.: 3.3	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	CTA Consultants Limited 志達顧問有限公司
PROJECT NO.: 25022HK	DRAWING TITLE: EXISTING JUNCTION LAYOUT OF TING KOK ROAD / FUNG YUEN ROAD (B)	
SCALE: 1 : 500 @A4 / DATE: 18 JUL 2025		

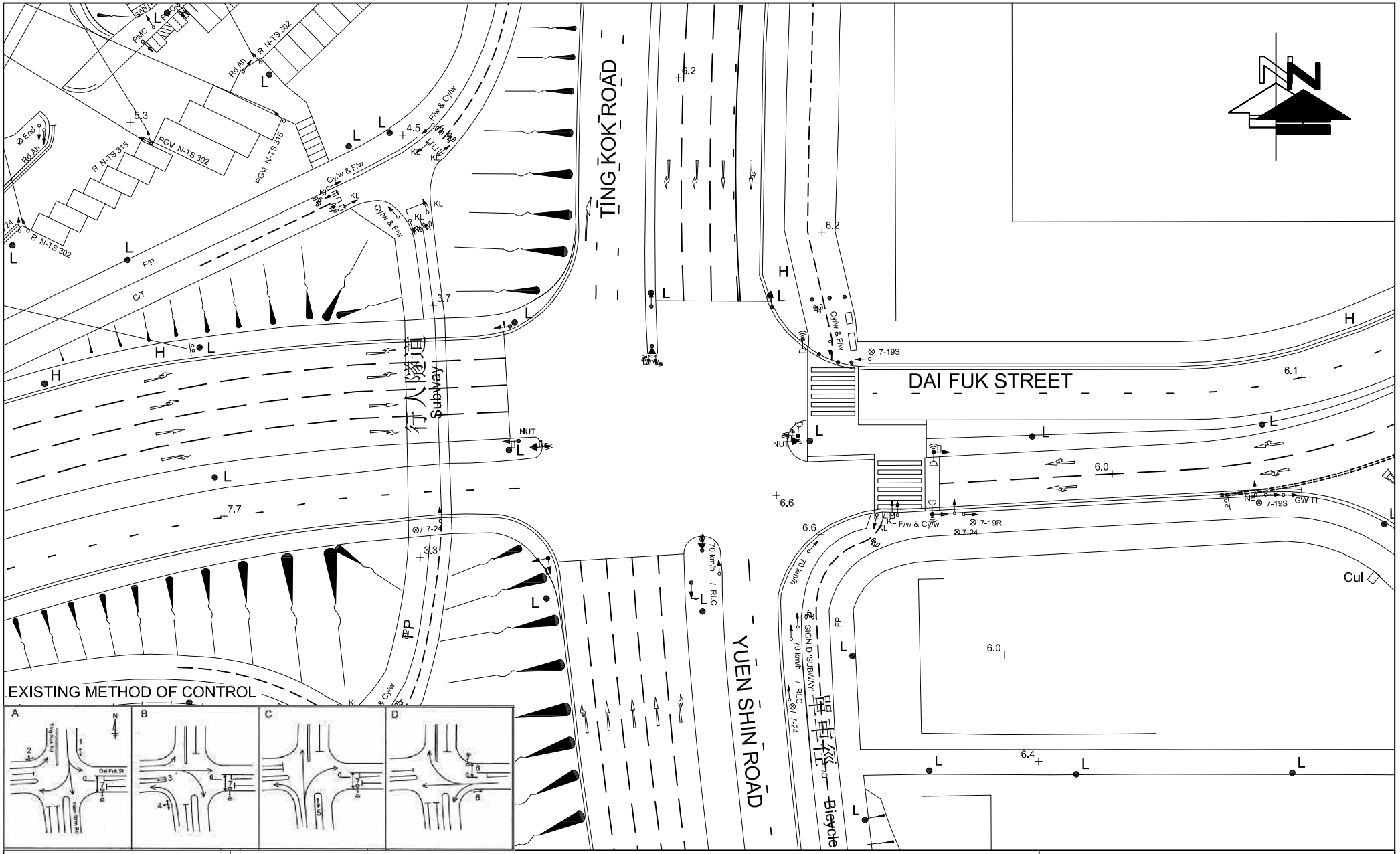

FIGURE NO.: 3.4	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	
PROJECT NO.: 25022HK	DRAWING TITLE: EXISTING JUNCTION LAYOUT OF TING KOK ROAD / DAI FUK ROAD / YUEN SHIN ROAD (C)	CTA Consultants Limited 志達顧問有限公司
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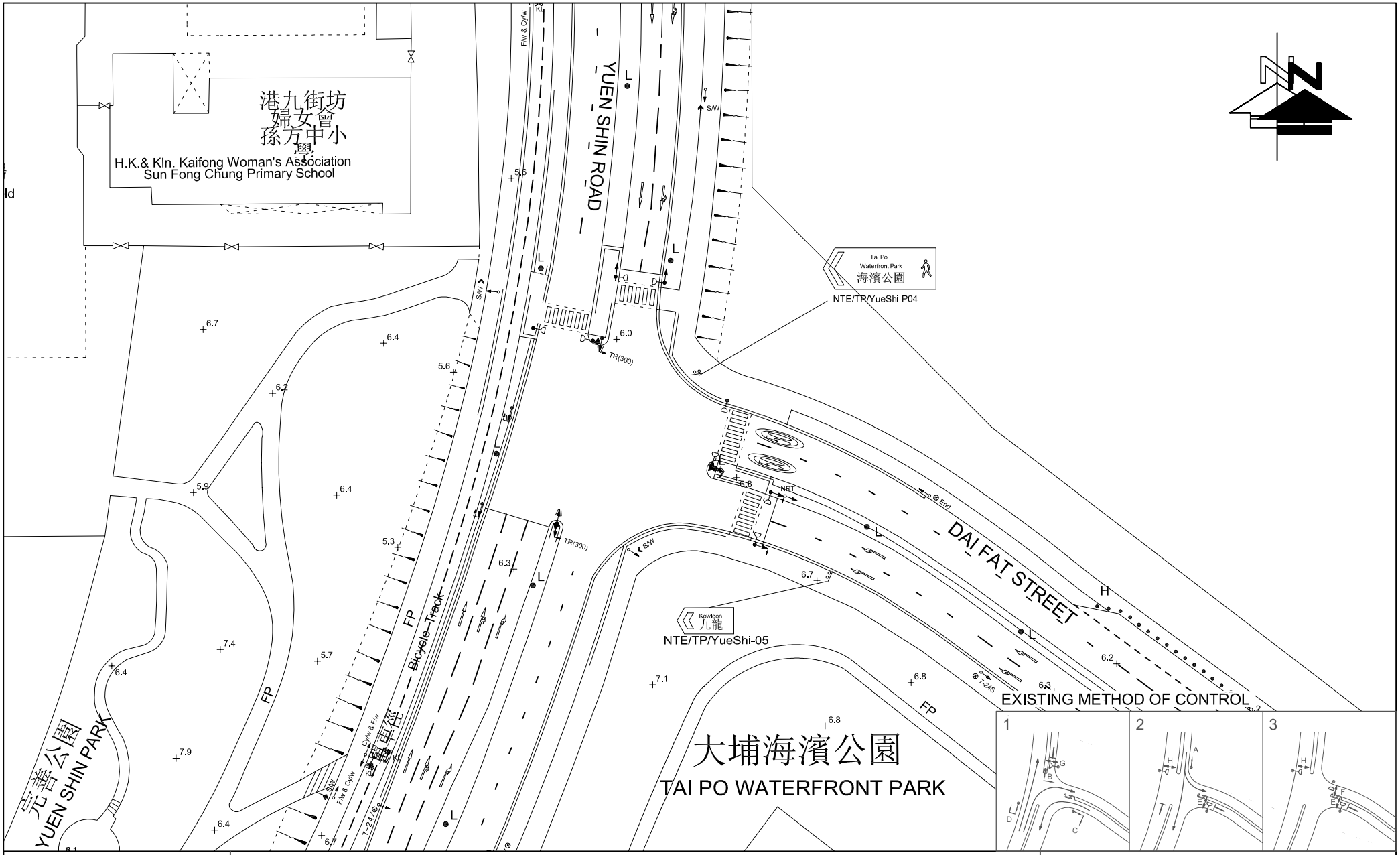

FIGURE NO.: 3.5	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: EXISTING JUNCTION LAYOUT OF YUEN SHIN ROAD / DAI FAT STREET (D)
SCALE: 1 : 800 @A4	DATE: 18 JUL 2025

CTA Consultants Limited
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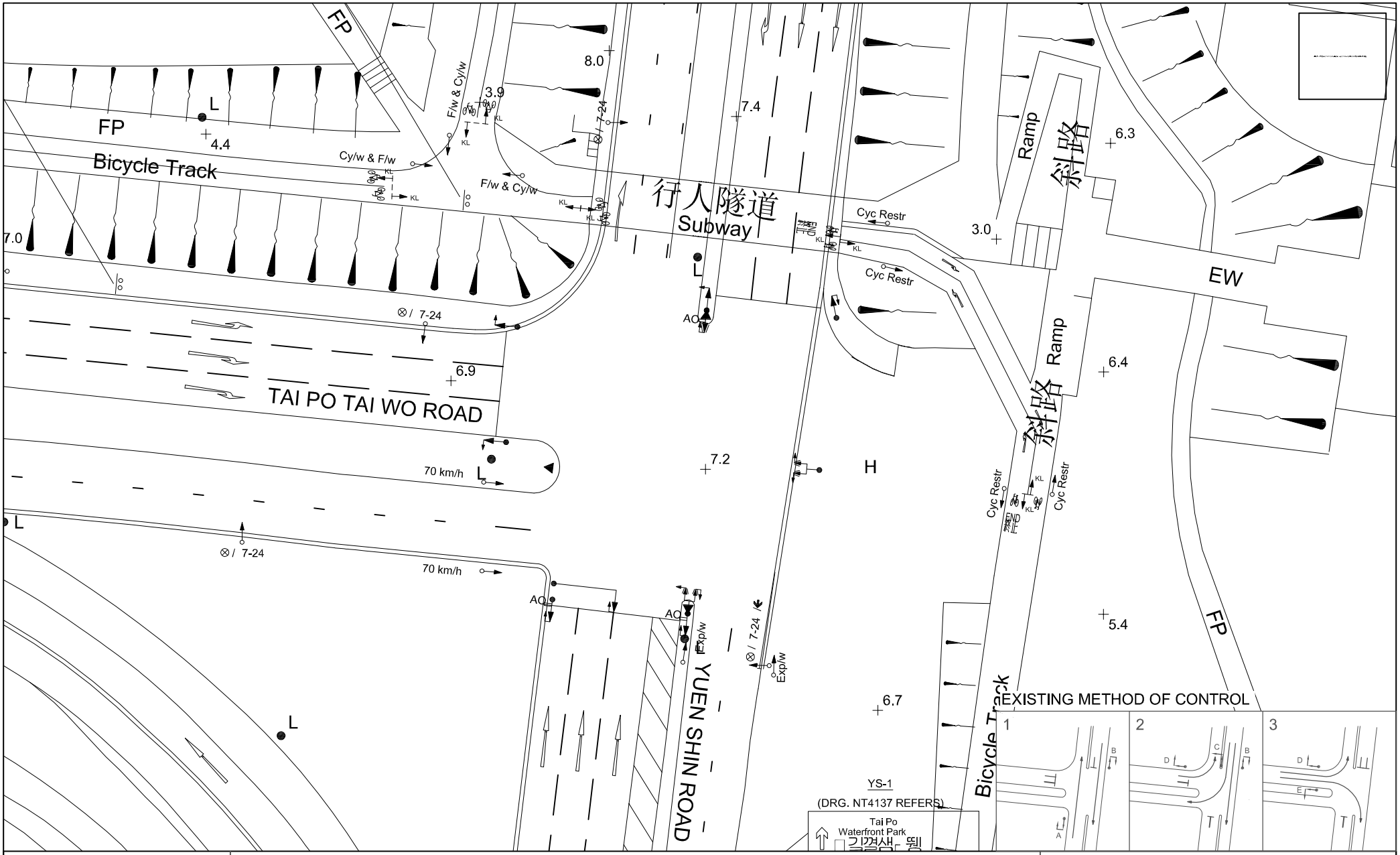

FIGURE NO.: 3.6	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	CTA Consultants Limited 志達顧問有限公司
PROJECT NO.: 25022HK	DRAWING TITLE: EXISTING JUNCTION LAYOUT OF TAI PO TAI WO ROAD / YUEN SHIN ROAD (E)	
SCALE: 1 : 500 @ A4 / DATE: 18 JUL 2025		

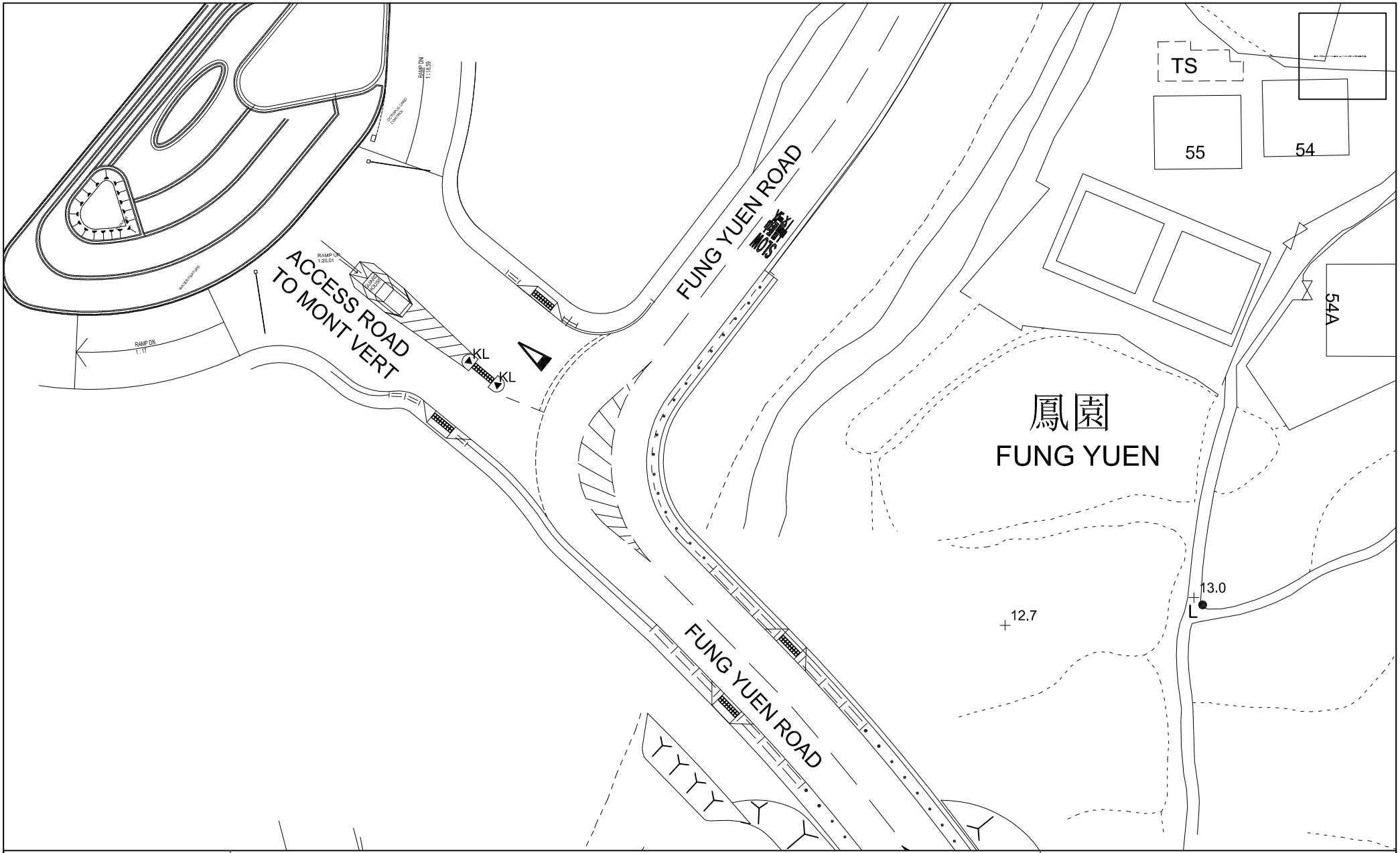

FIGURE NO.: 3.7		PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	
PROJECT NO.: 25022HK		DRAWING TITLE: EXISTING JUNCTION LAYOUT OF FUNG YUEN ROAD / ACCESS ROAD TO MONT VERT (F)	CTA Consultants Limited 志達顧問有限公司
SCALE: 1 : 500 @ A4	DATE: 18 JUL 2025		

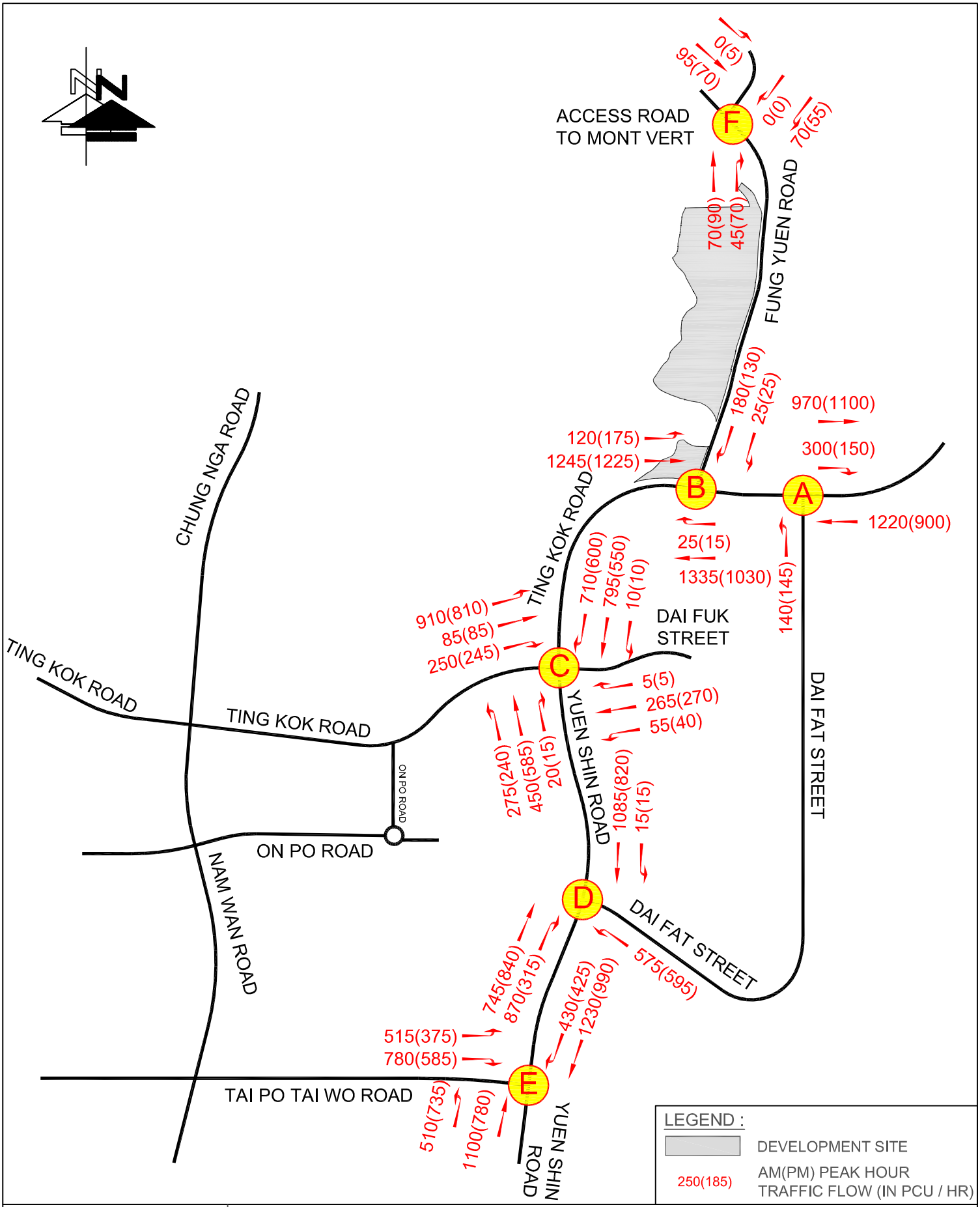

FIGURE NO.: 3.8	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: 2025 OBSERVED TRAFFIC FLOWS
SCALE: 1 : 7500 @A4 / DATE: 18 JUL 2025	CTA Consultants Limited 志達顧問有限公司

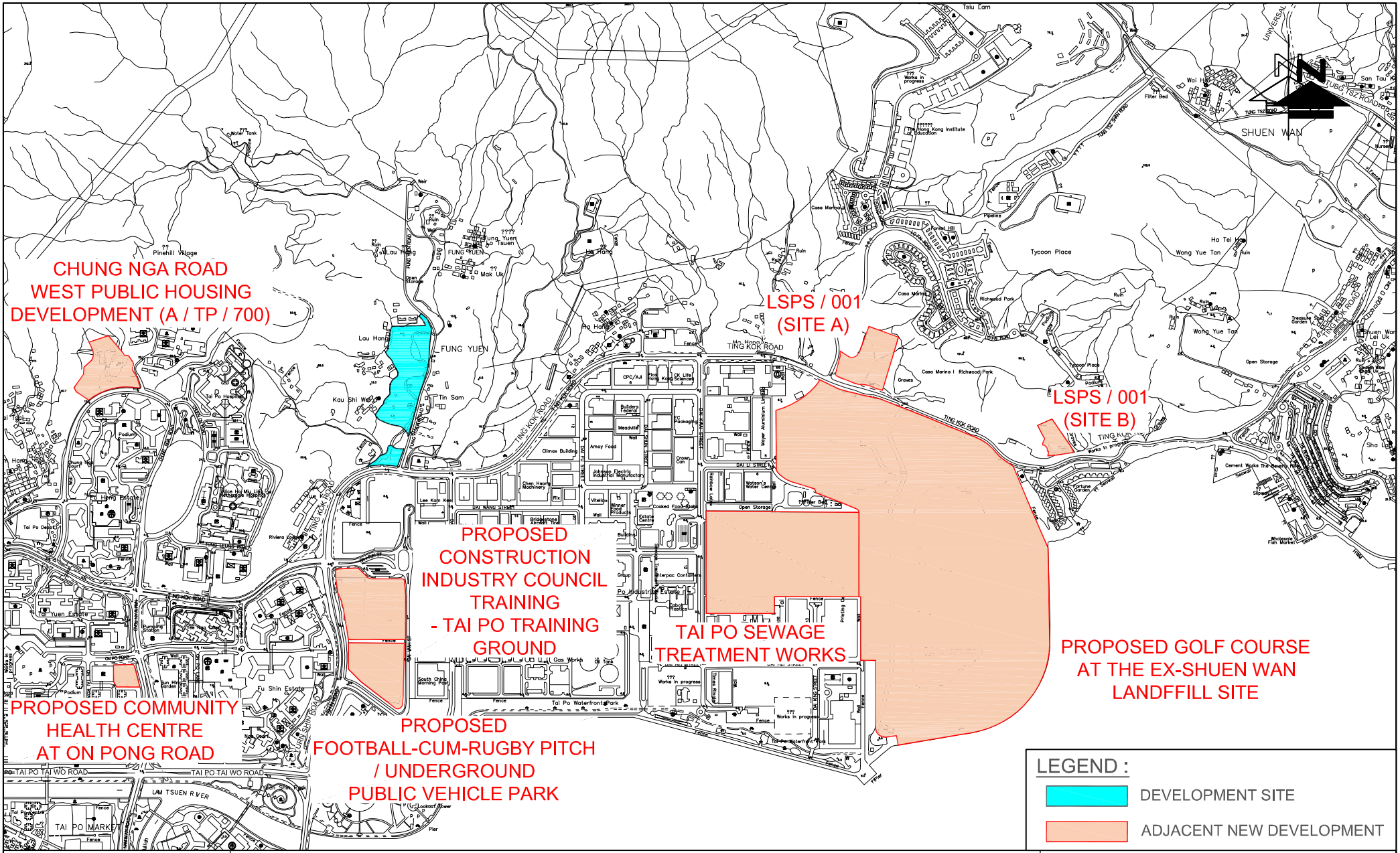

FIGURE NO.: 4.1	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PLANNED MAJOR DEVELOPMENTS IN THE VICINITY
SCALE: 1 : 15000 @A4	DATE: 11 AUG 2025

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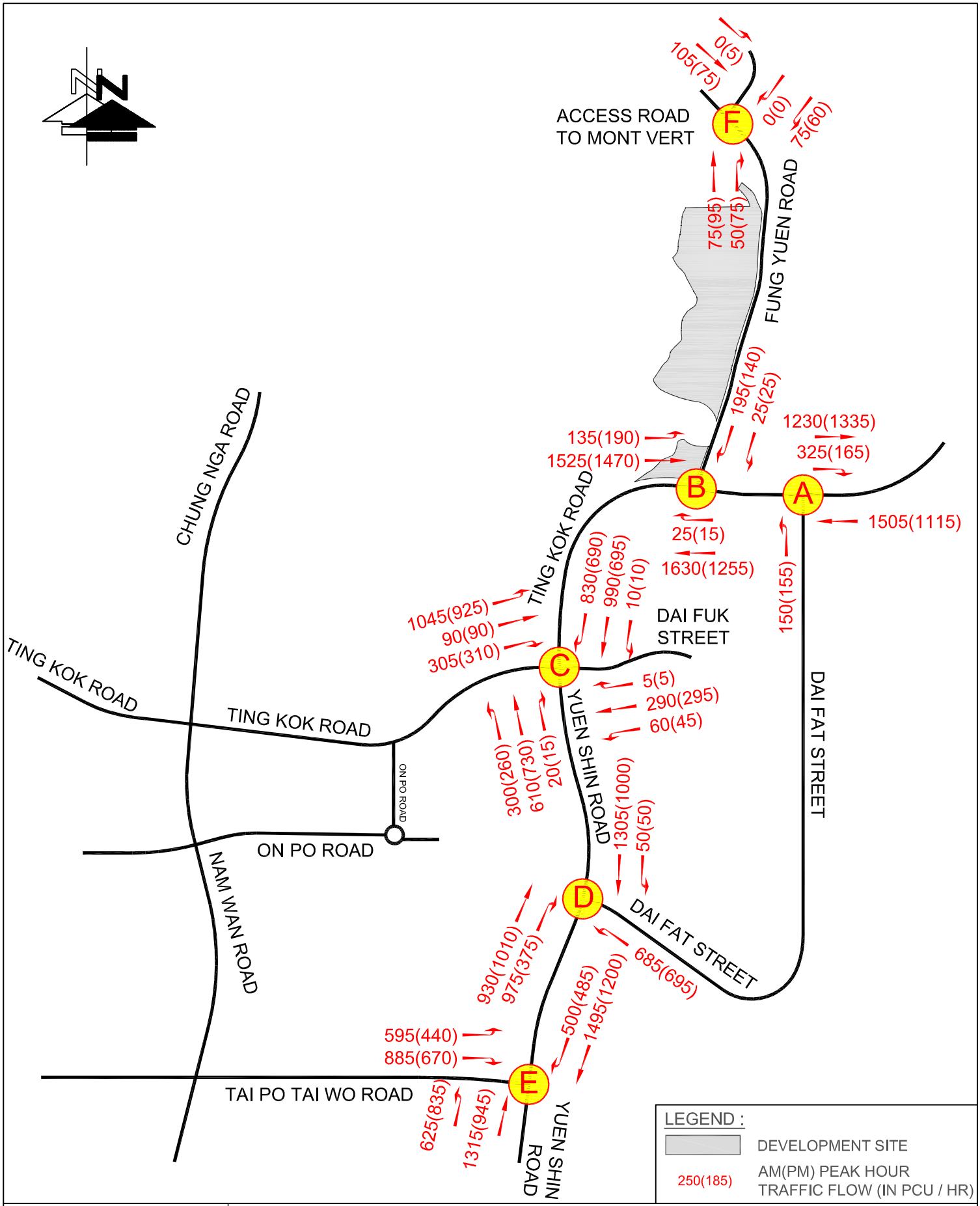

FIGURE NO.: 4.2	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: 2033 REFERENCE TRAFFIC FLOWS
SCALE: 1 : 7500 @A4 / DATE: 09 SEP 2025	CTA Consultants Limited 志達顧問有限公司

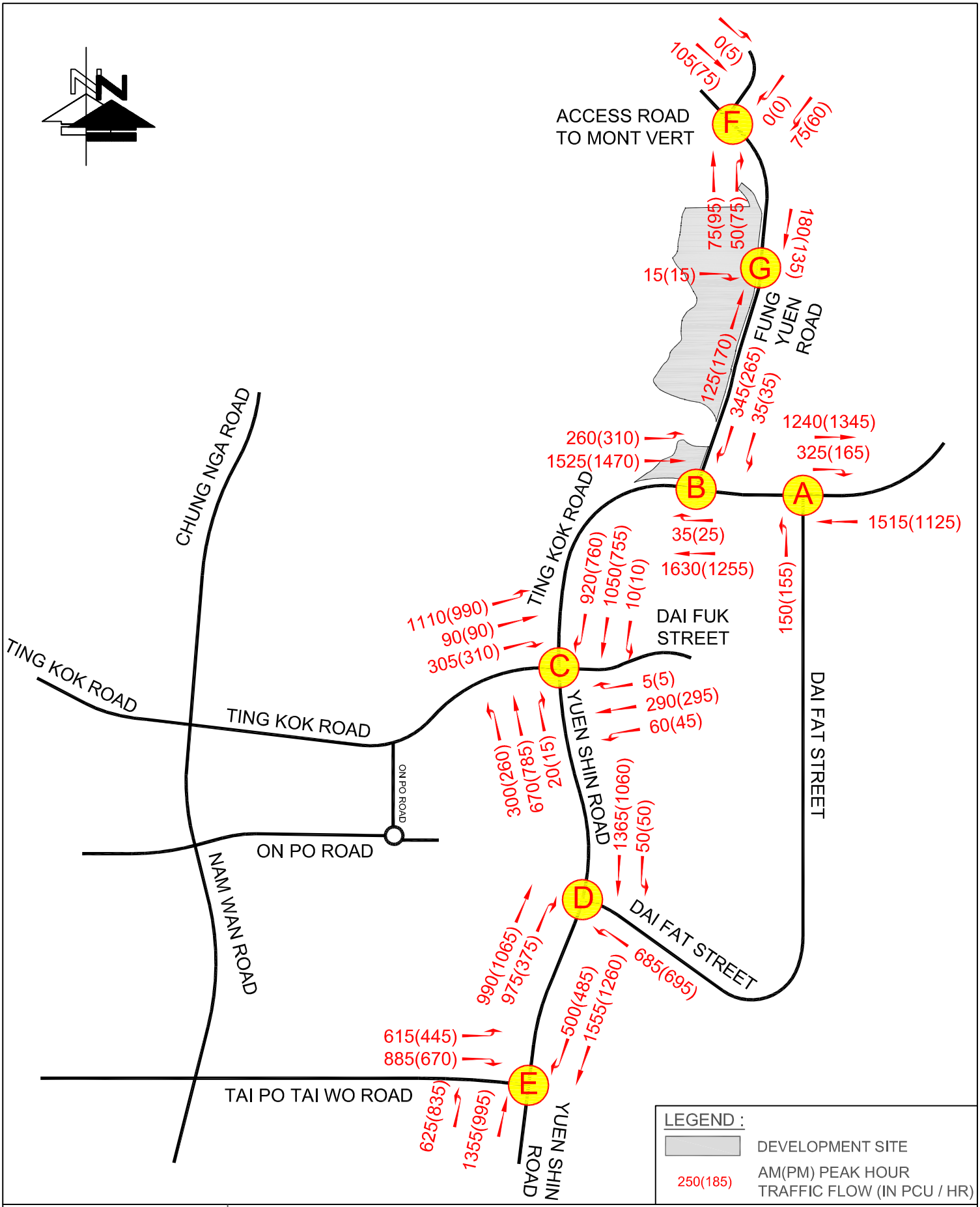

FIGURE NO.: 4.3	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	
PROJECT NO.: 25022HK	DRAWING TITLE: 2033 DESIGN TRAFFIC FLOWS	CTA Consultants Limited 志達顧問有限公司
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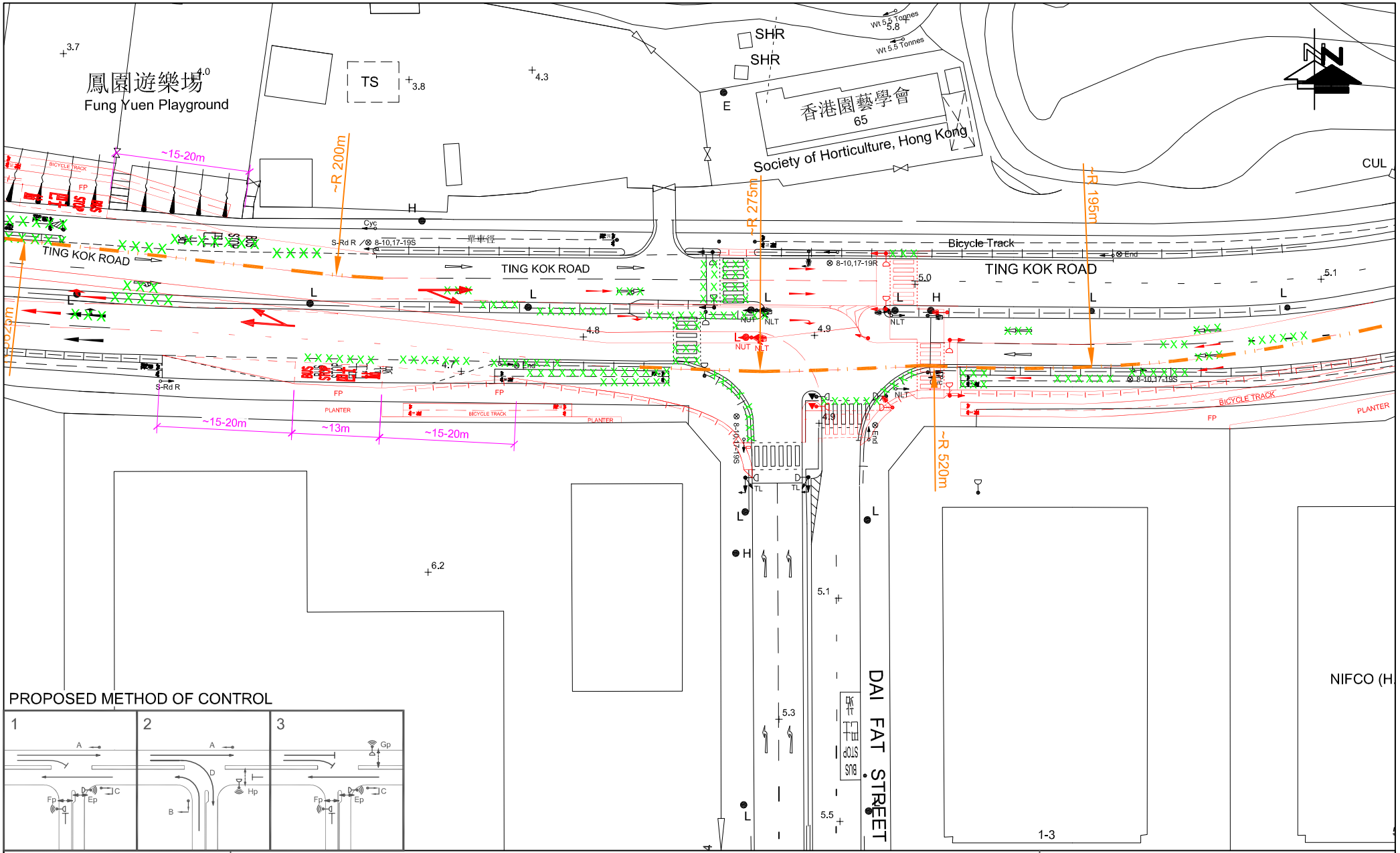

FIGURE NO.: 4.4	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TING KOK ROAD / DAI FAT STREET (A)	CTA Consultants Limited 志達顧問有限公司
SCALE: 1 : 750 @A4 / DATE: 18 JUL 2025		

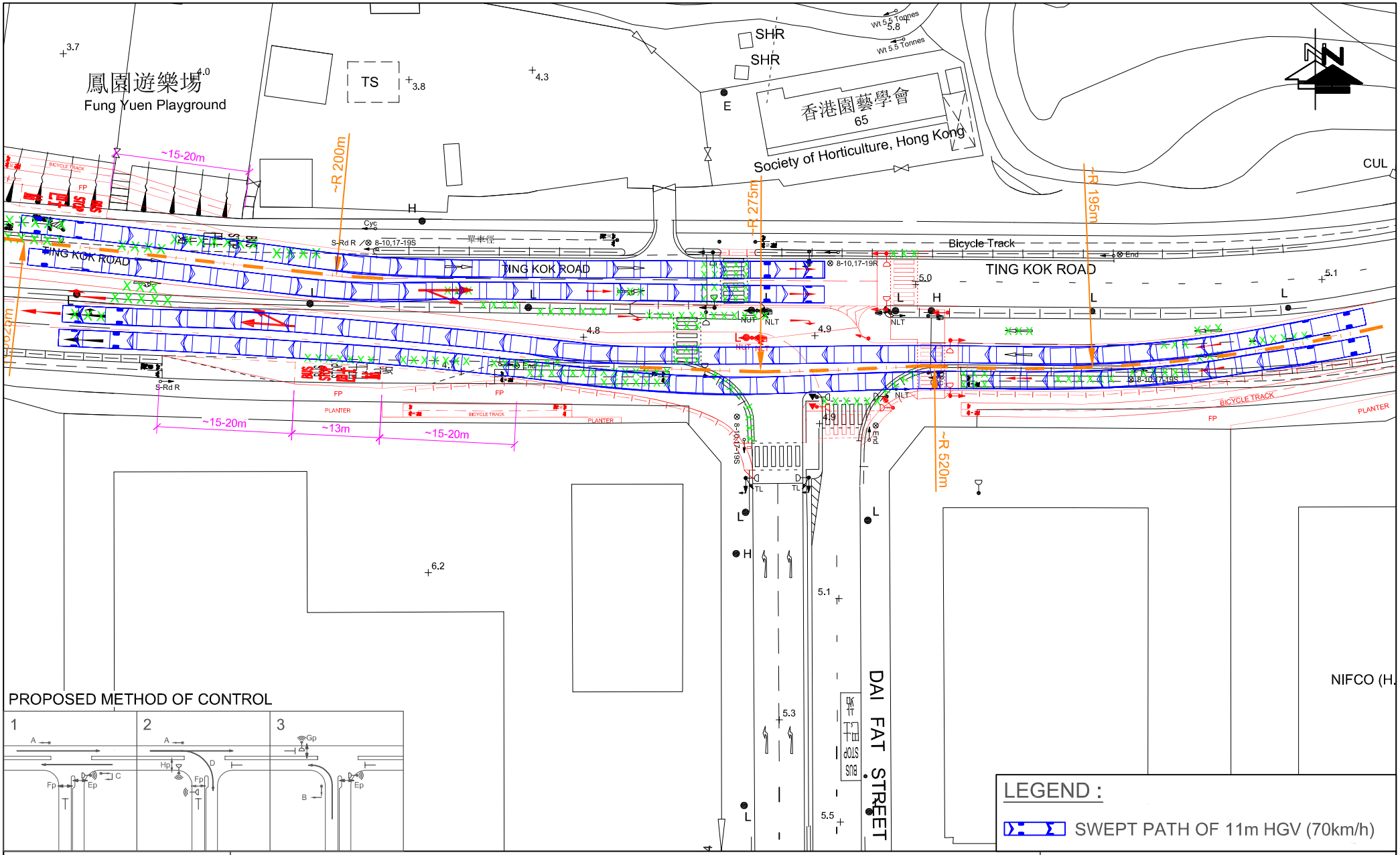

FIGURE NO.: 4.4(SP1)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TING KOK ROAD / DAI FAT STREET (A) (SWEPT PATH ANALYSIS OF 11m HGV [70km/h])
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志達顧問有限公司

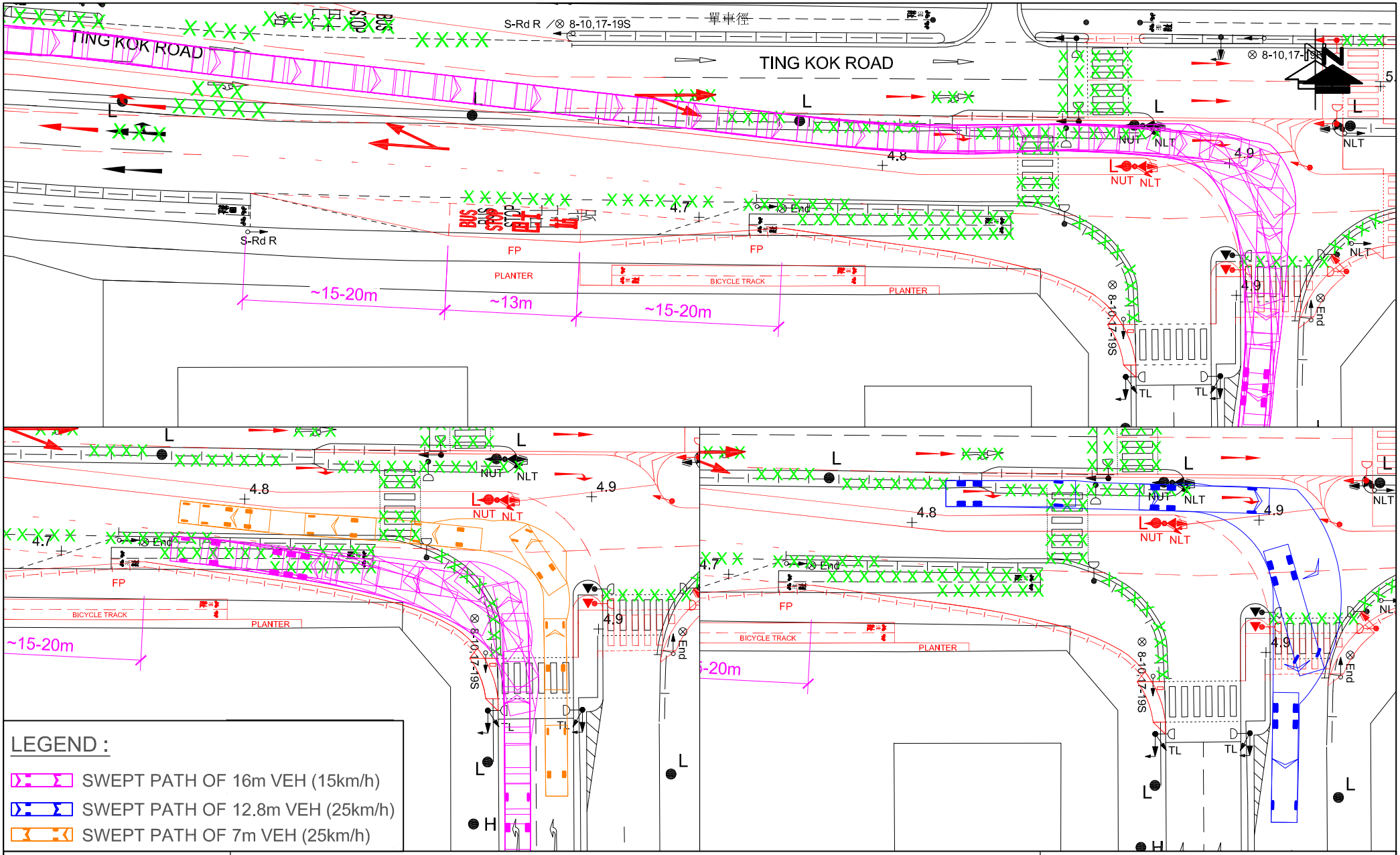

FIGURE NO.: 4.4(SP2)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TING KOK ROAD / DAI FAT STREET (A) WITH SWEPT PATH ANALYSIS OF 16m VEHICLE, 12.8m VEHICLE & 7m VEHICLE
SCALE: 1 : 500 @A4	DATE: 18 JUL 2025

CTA Consultants Limited
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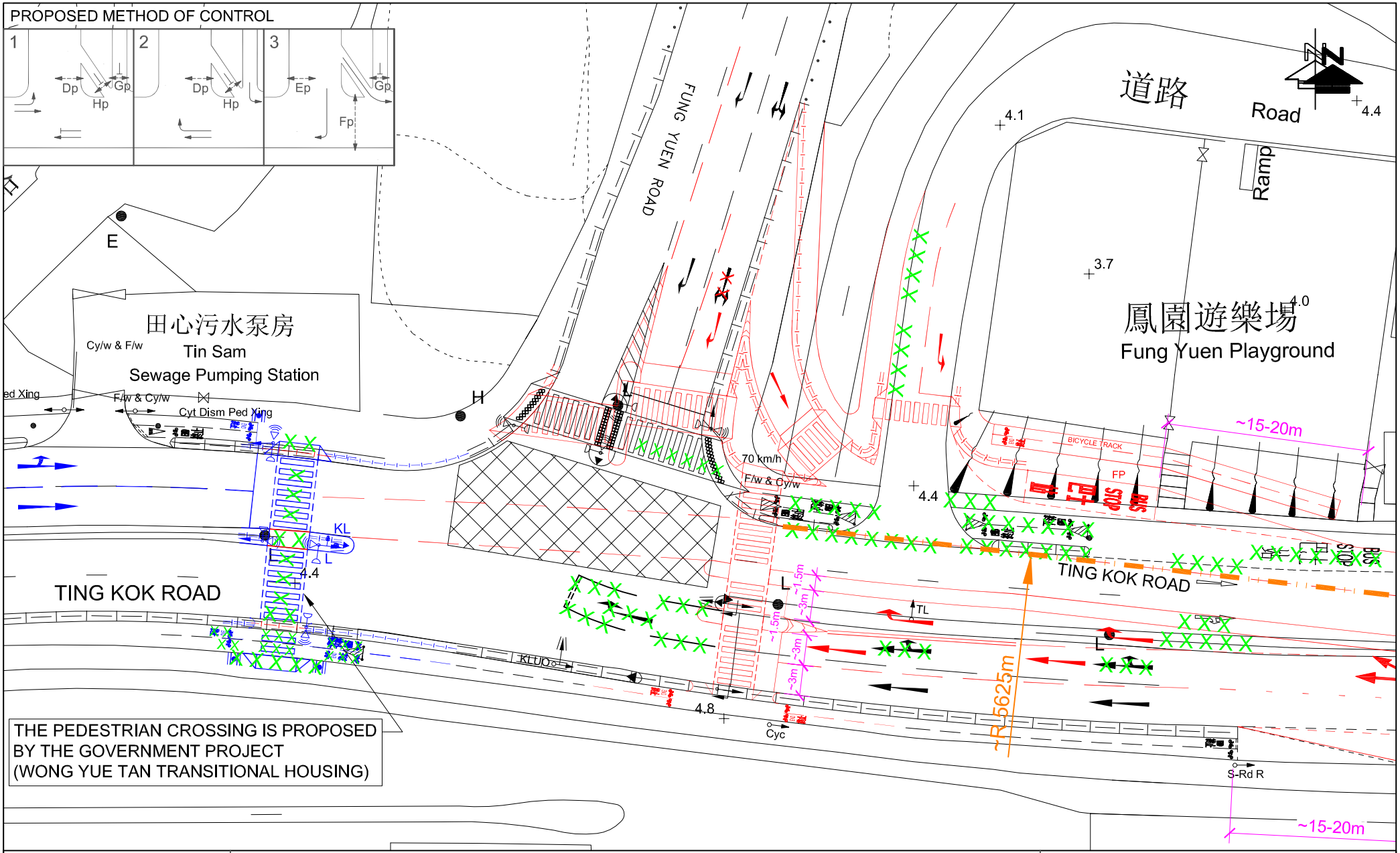

FIGURE NO.: 4.5	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	CTA Consultants Limited 志達顧問有限公司
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TING KOK ROAD / FUNG YUEN ROAD (B)	
SCALE: 1 : 500 @A4 / DATE: 18 JUL 2025		

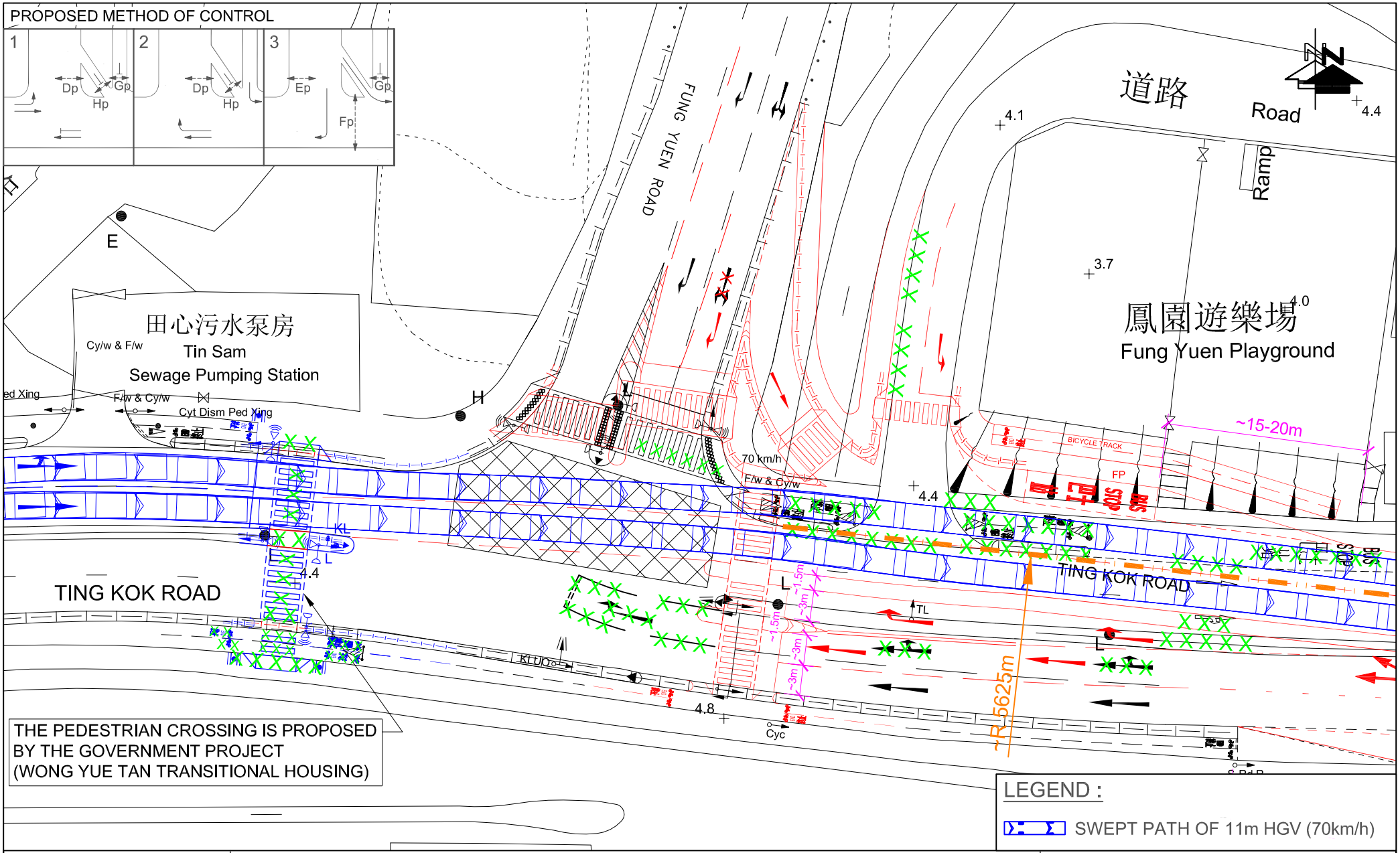

FIGURE NO.: 4.5(SP1)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TING KOK ROAD / FUNG YUEN ROAD (B) (SWEPT PATH ANALYSIS OF 11m HGV [70km/h])	CTA Consultants Limited 志達顧問有限公司
SCALE: 1 : 500 @A4	DATE: 18 JUL 2025	

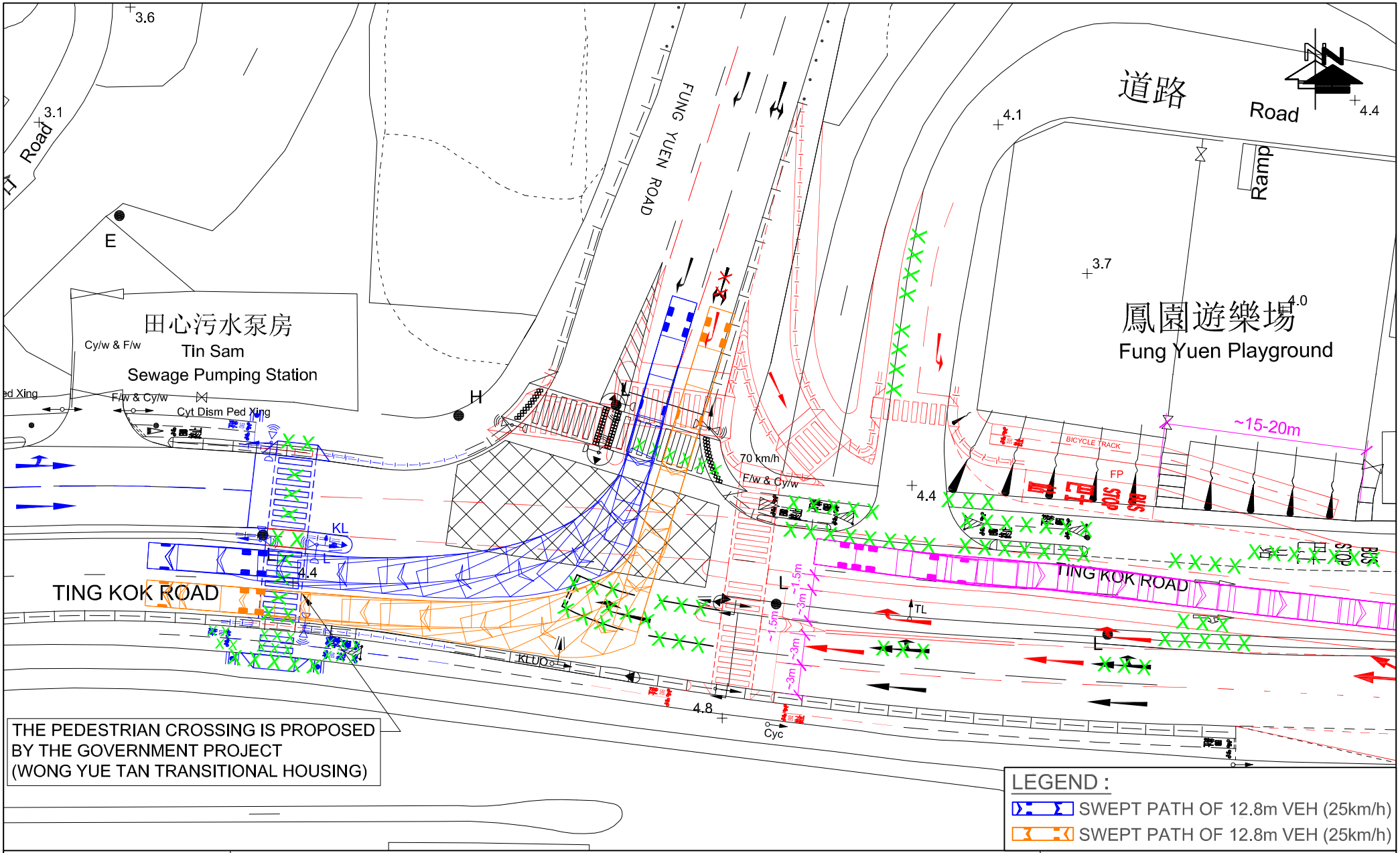

FIGURE NO.: 4.5(SP2)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TING KOK ROAD / FUNG YUEN ROAD (B) WITH SWEPT PATH ANALYSIS OF 12.8m VEHICLES
SCALE: 1 : 500 @A4 / DATE: 18 JUL 2025	

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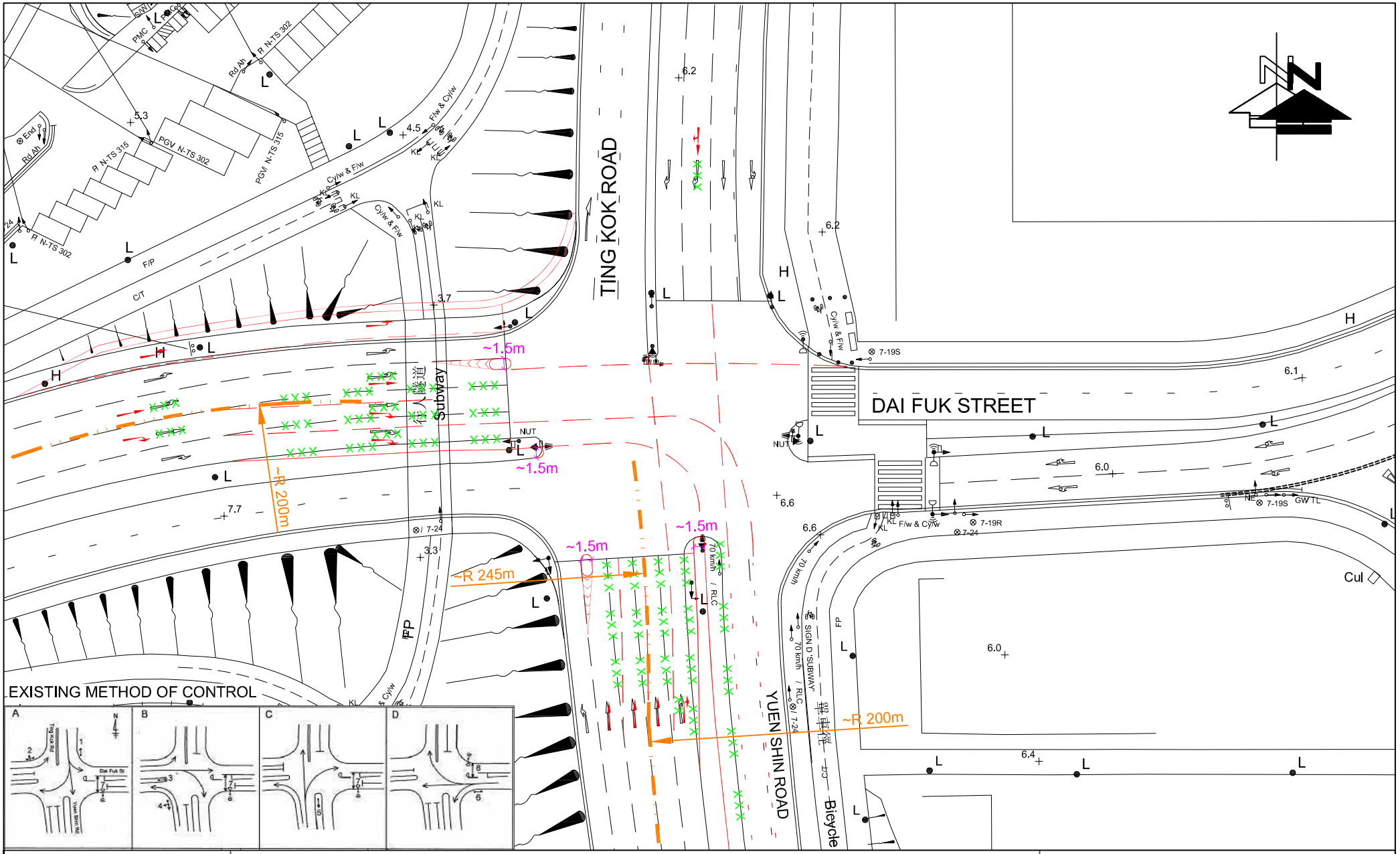

FIGURE NO.: 4.6	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TING KOK ROAD / DAI FUK ROAD / YUEN SHIN ROAD (C)
SCALE: 1 : 700 @A4 / DATE: 18 JUL 2025	

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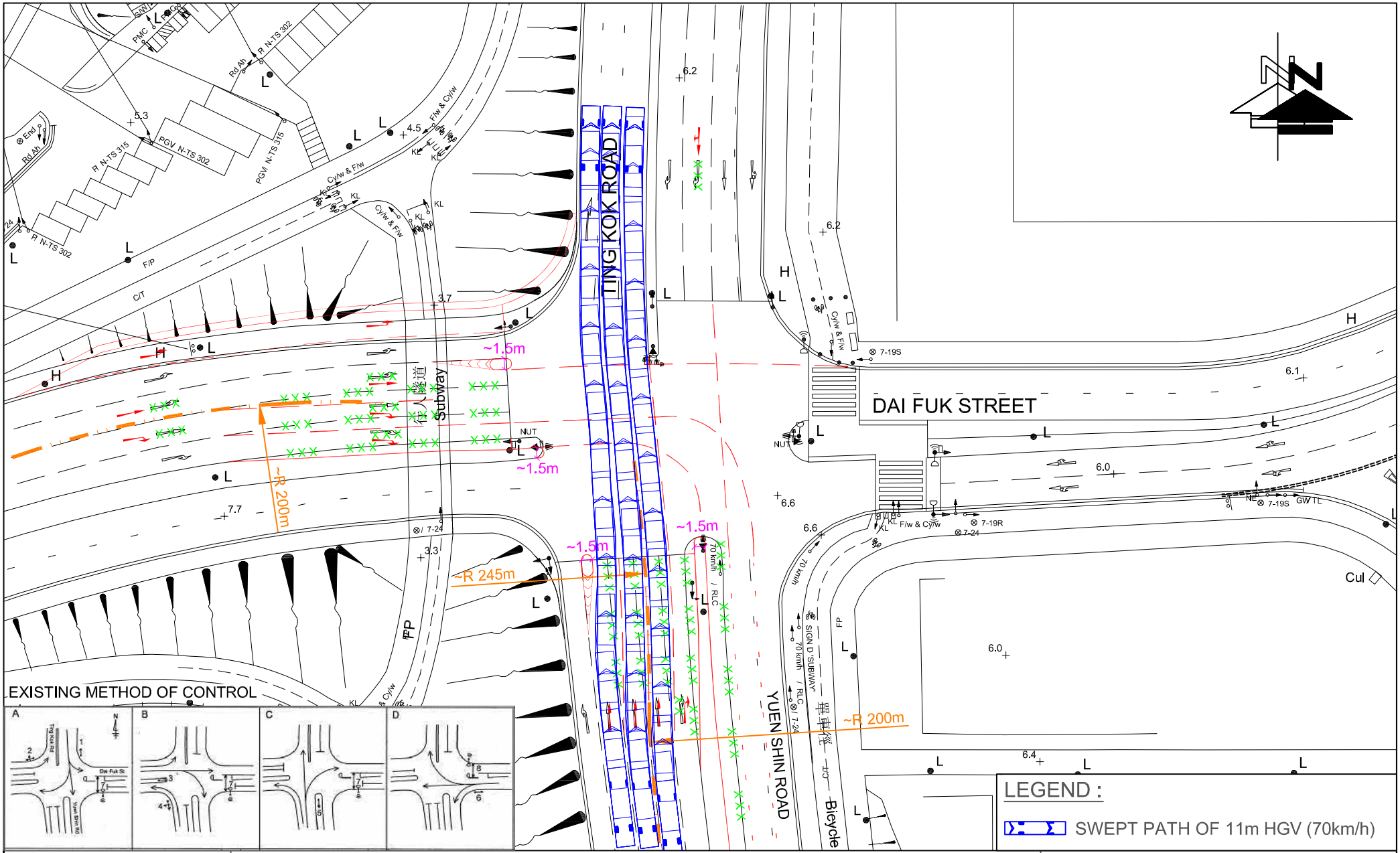

FIGURE NO.: 4.6(SP1)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TING KOK ROAD / DAI FUK ROAD / YUEN SHIN ROAD (C) (SWEPT PATH ANALYSIS OF 11m HGV [70km/h])
SCALE: 1 : 700 @A4	DATE: 18 JUL 2025

CTA Consultants Limited
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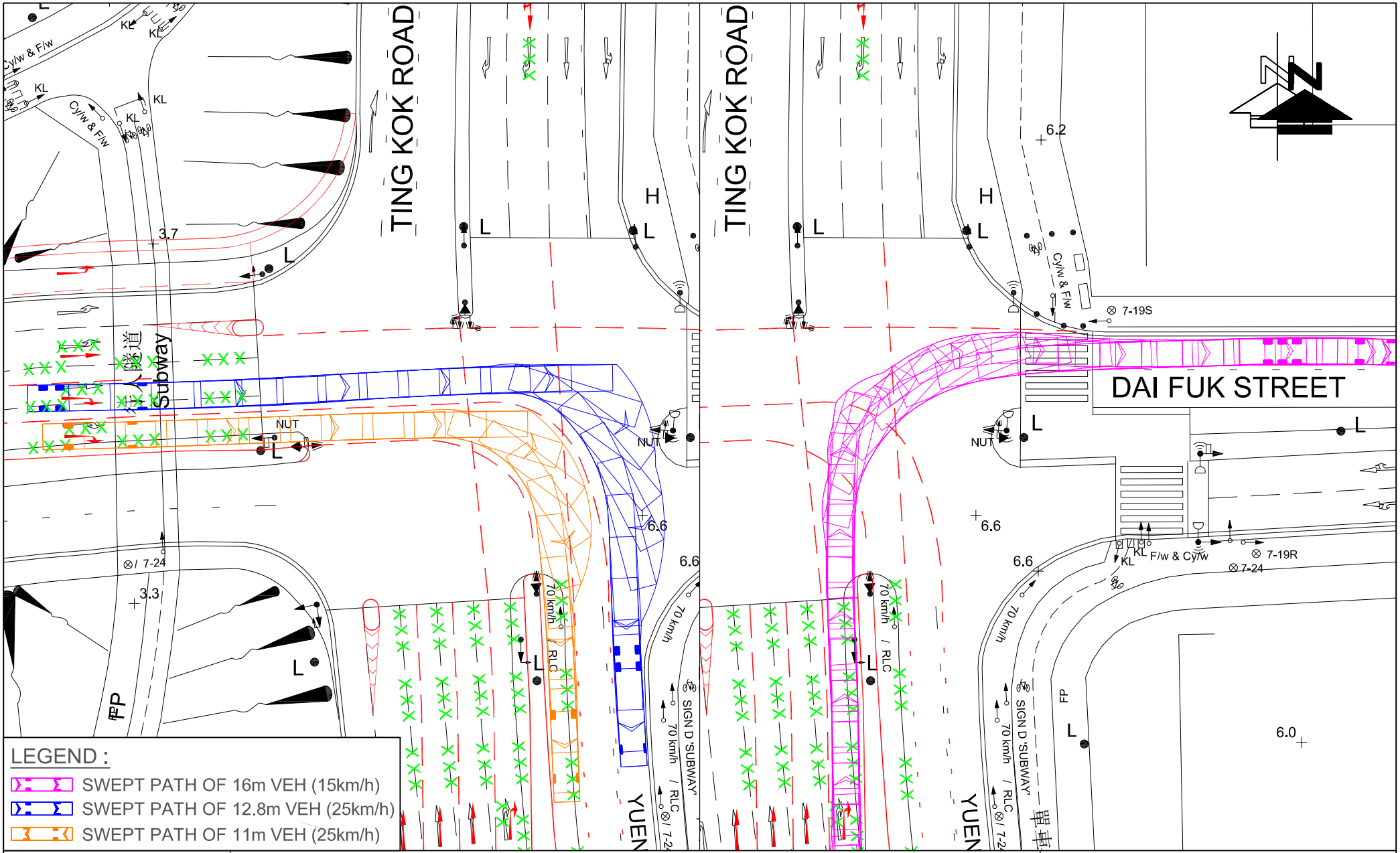


LEGEND :

- SWEPT PATH OF 16m VEH (15km/h)
- SWEPT PATH OF 12.8m VEH (25km/h)
- SWEPT PATH OF 11m VEH (25km/h)

FIGURE NO.: 4.6(SP2)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TING KOK ROAD / DAI FUK ROAD / YUEN SHIN ROAD (C) WITH SWEPT PATH ANALYSIS OF 16m VEHICLE, 12.8m VEHICLE & 11m VEHICLE
SCALE: 1 : 500 @A4	DATE: 18 JUL 2025

CTA Consultants Limited
志達顧問有限公司

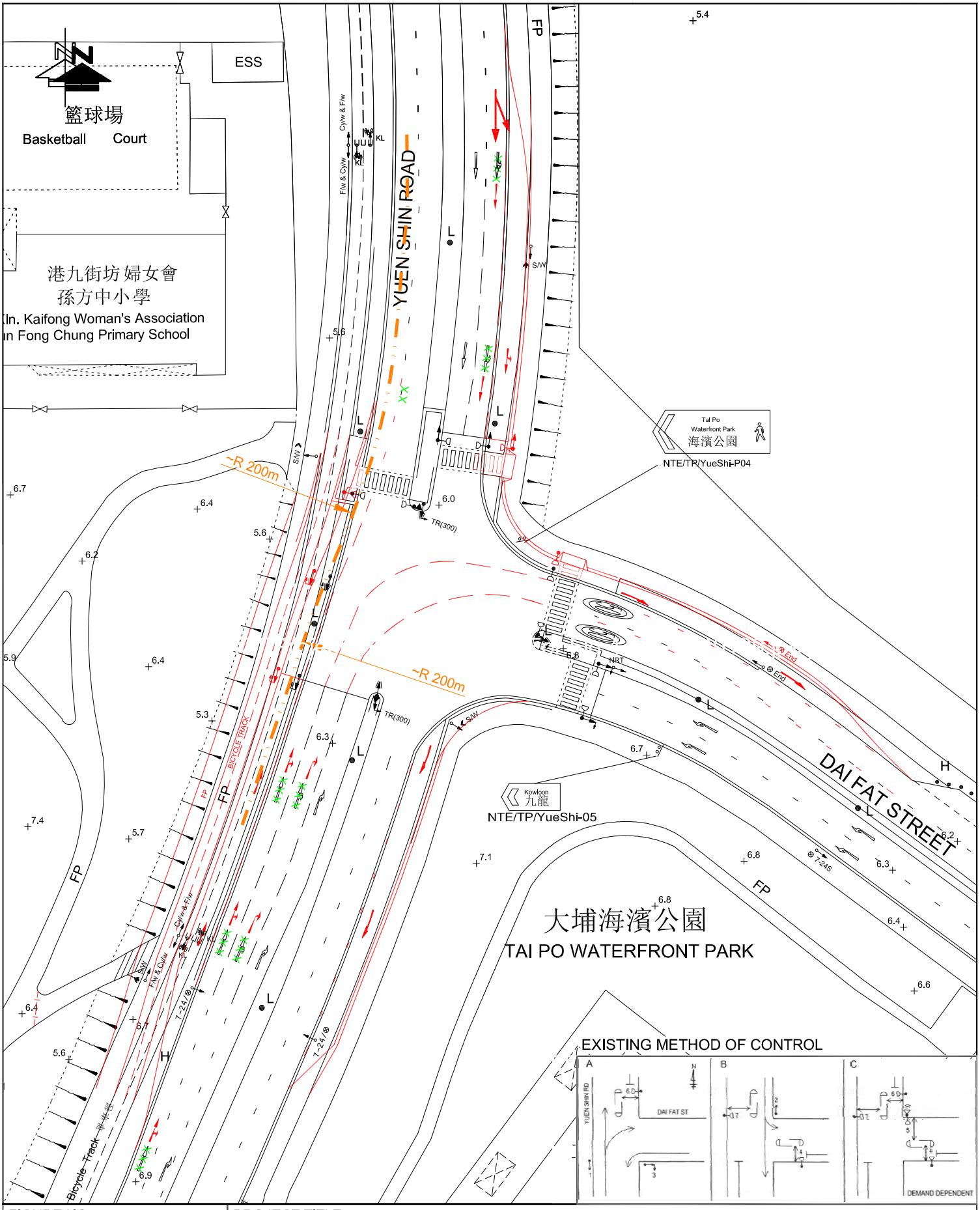
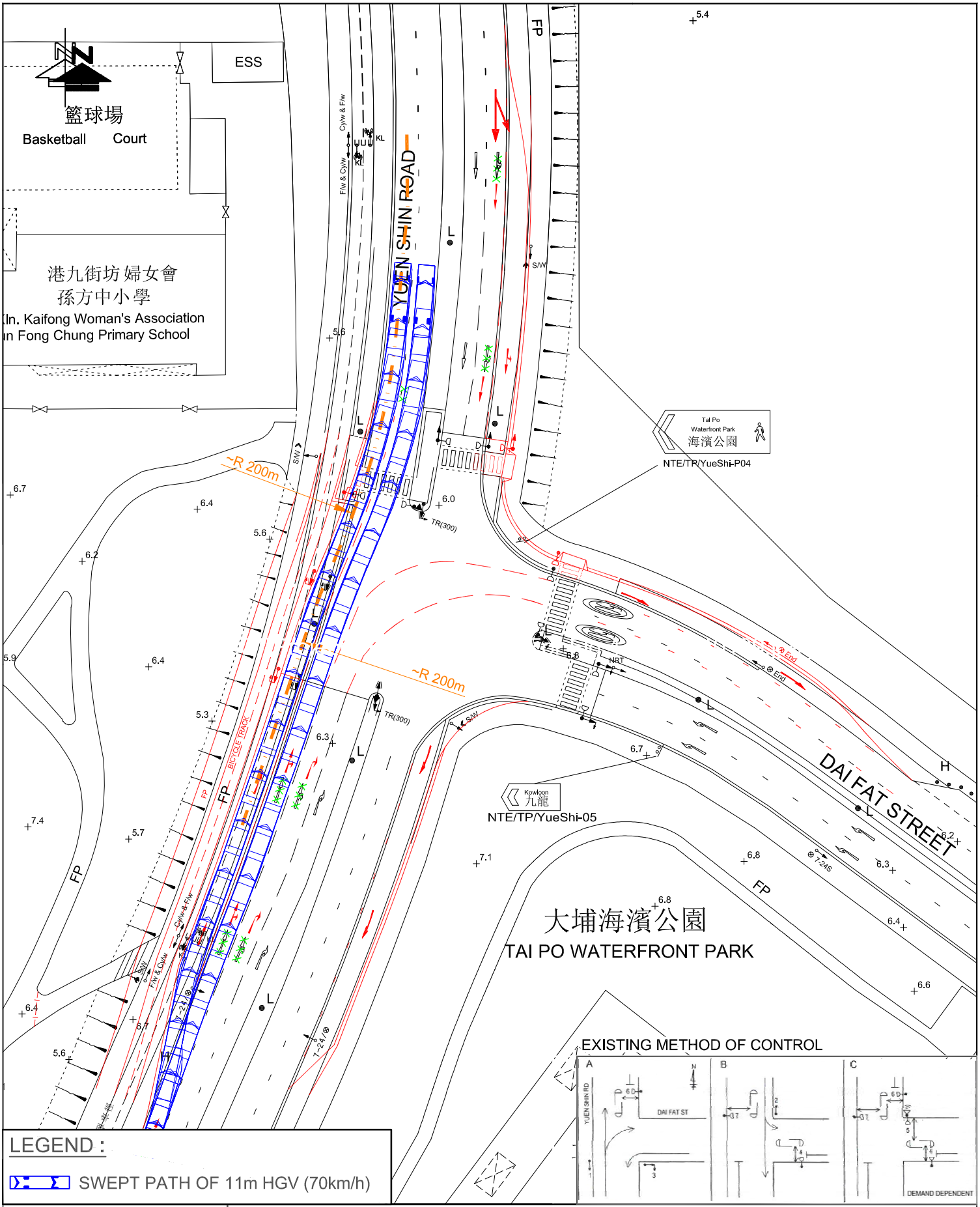


FIGURE NO.: 4.7	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF YUEN SHIN ROAD / DAI FAT STREET (D)
SCALE: 1 : 750 @A4	DATE: 18 JUL 2025
	CTA Consultants Limited 志達顧問有限公司



EXISTING METHOD OF CONTROL

LEGEND :

SWEPT PATH OF 11m HGV (70km/h)

FIGURE NO.: 4.7(SP1)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF YUEN SHIN ROAD / DAI FAT STREET (D) (SWEPT PATH ANALYSIS OF 11m HGV [70km/h])
SCALE: 1 : 750 @A4 / DATE: 18 JUL 2025	CTA Consultants Limited 志達顧問有限公司

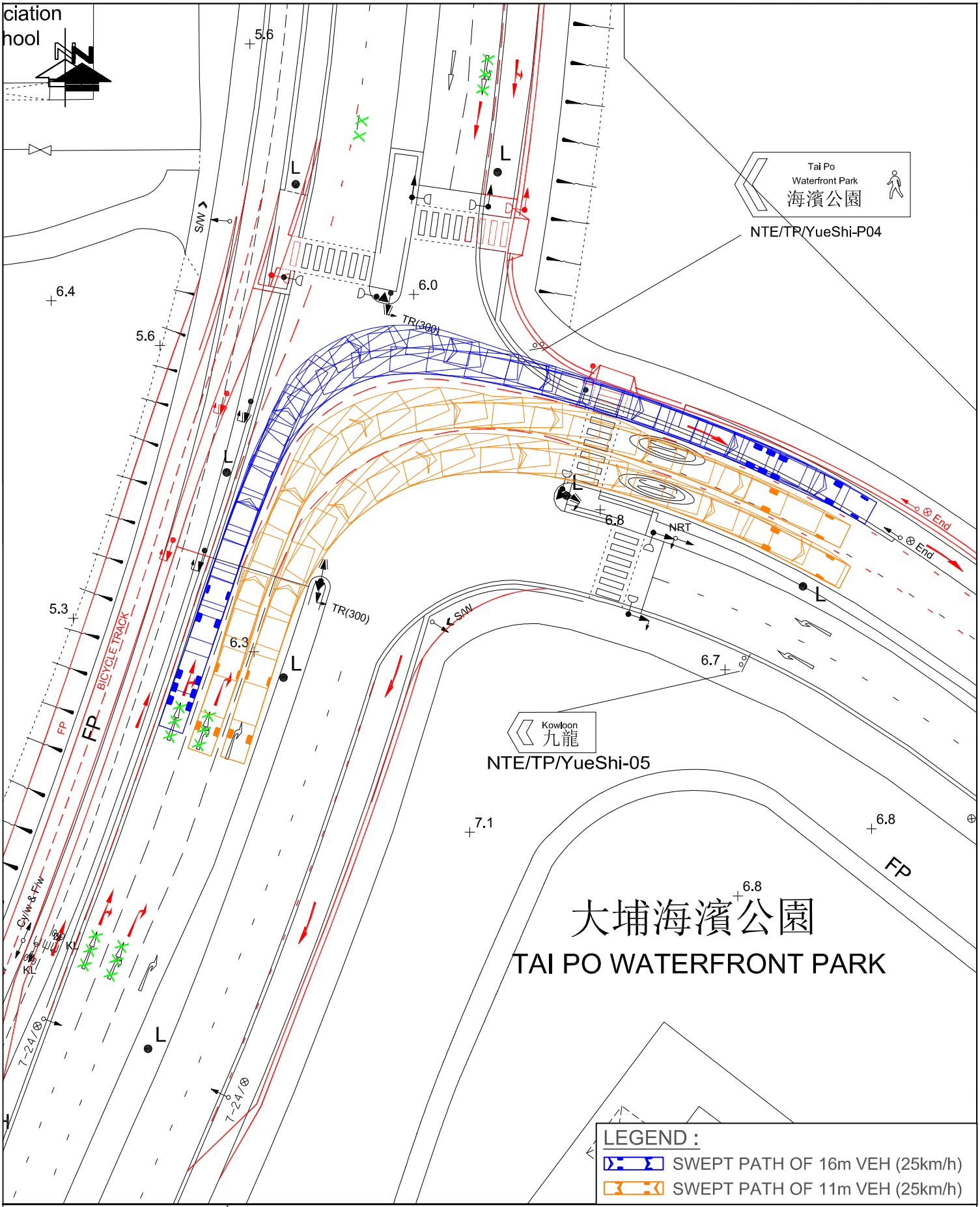


FIGURE NO.: 4.7(SP2)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF YUEN SHIN ROAD / DAI FAT STREET (D) WITH SWEPT PATH ANALYSIS OF 16m VEHICLE & 11m VEHICLE
SCALE: 1 : 500 @A4 / DATE: 18 JUL 2025	CTA Consultants Limited 志達顧問有限公司

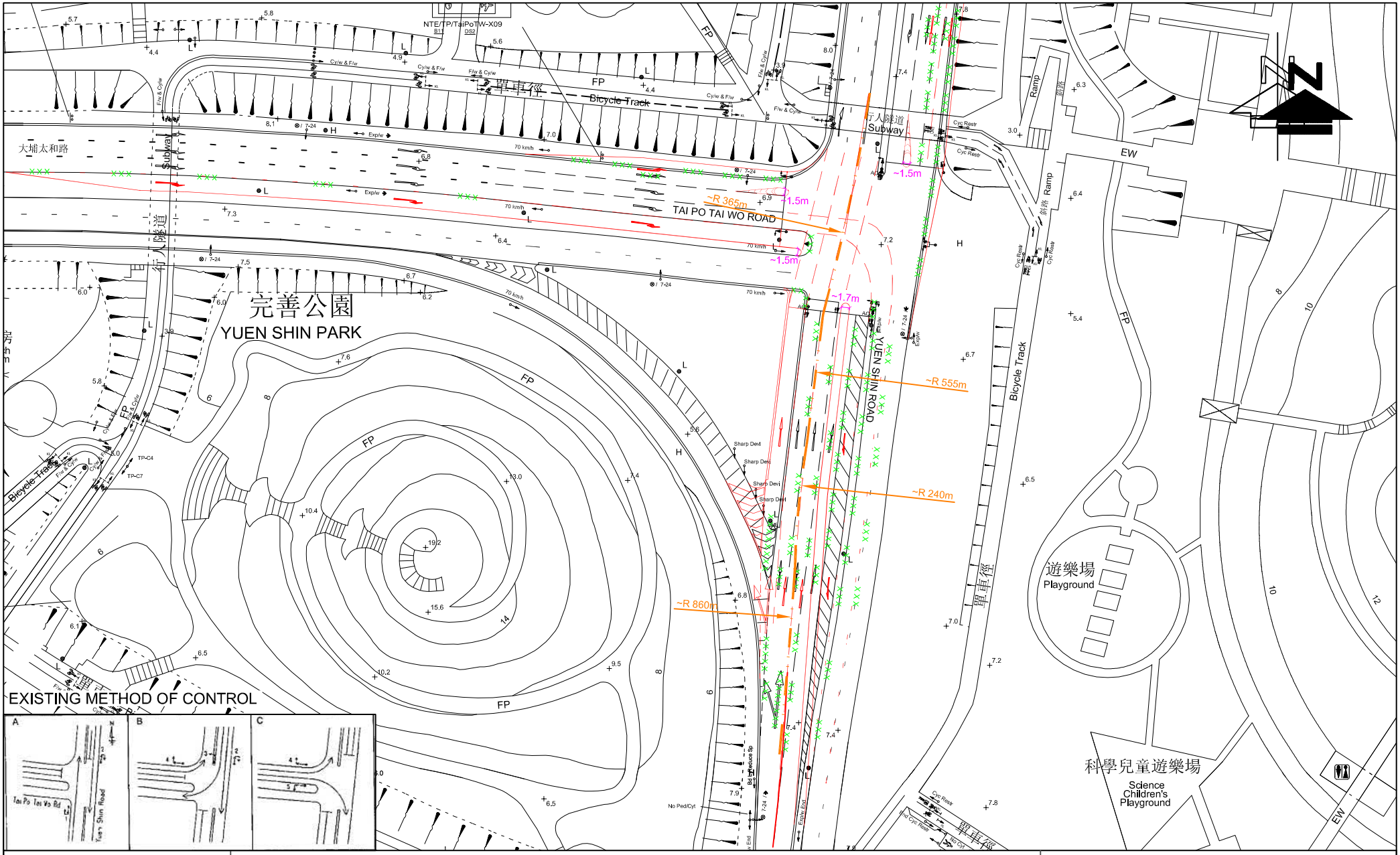


FIGURE NO.: 4.8	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TAI PO TAI WO ROAD / YUEN SHIN ROAD (E)
SCALE: 1 : 1050 @A4	DATE: 18 JUL 2025

CTA Consultants Limited
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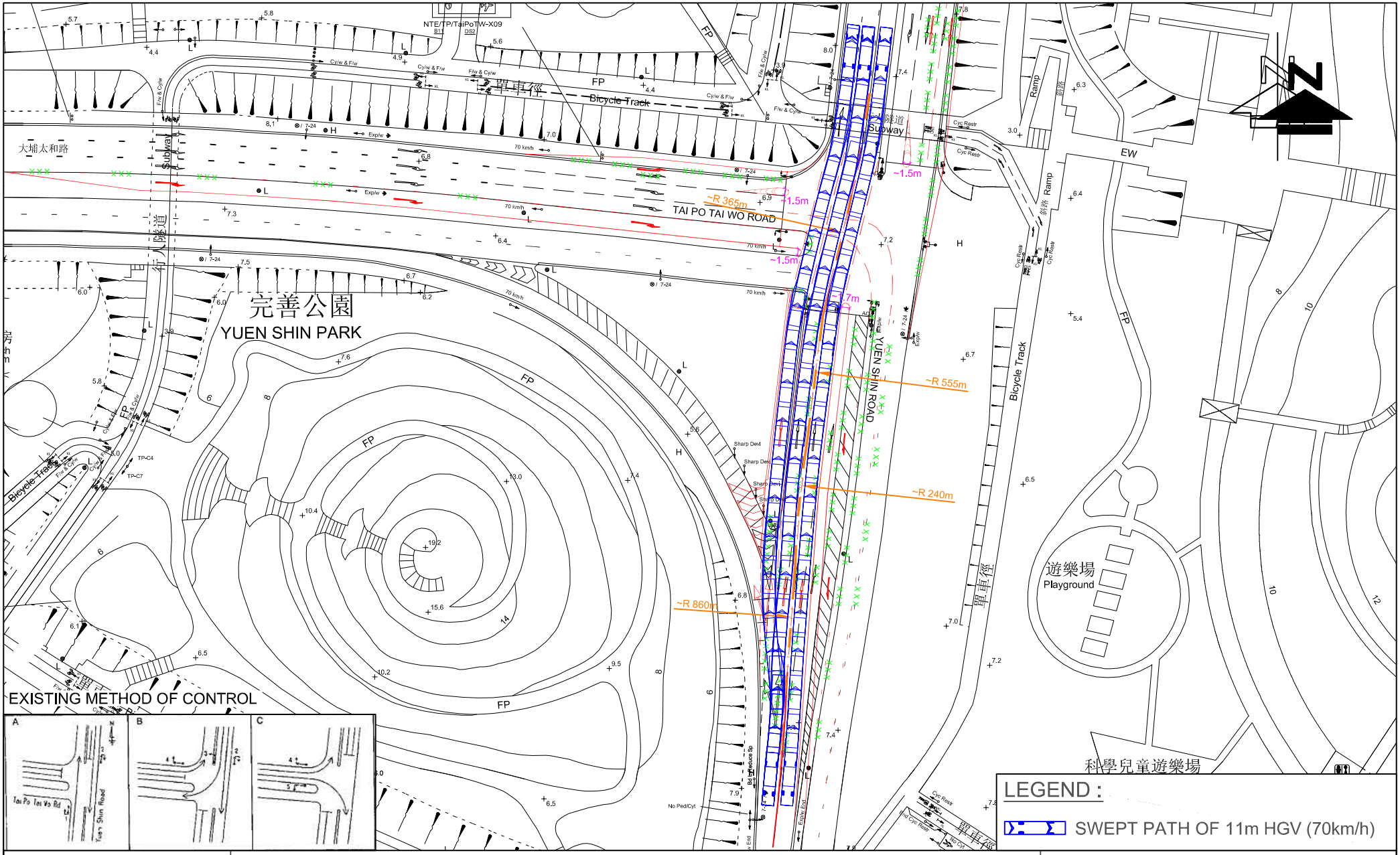

FIGURE NO.: 4.8(SP1)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TAI PO TAI WO ROAD / YUEN SHIN ROAD (E) (SWEPT PATH ANALYSIS OF 11m HGV [70km/h])
SCALE: 1 : 1050 @A4	DATE: 18 JUL 2025

CTA Consultants Limited
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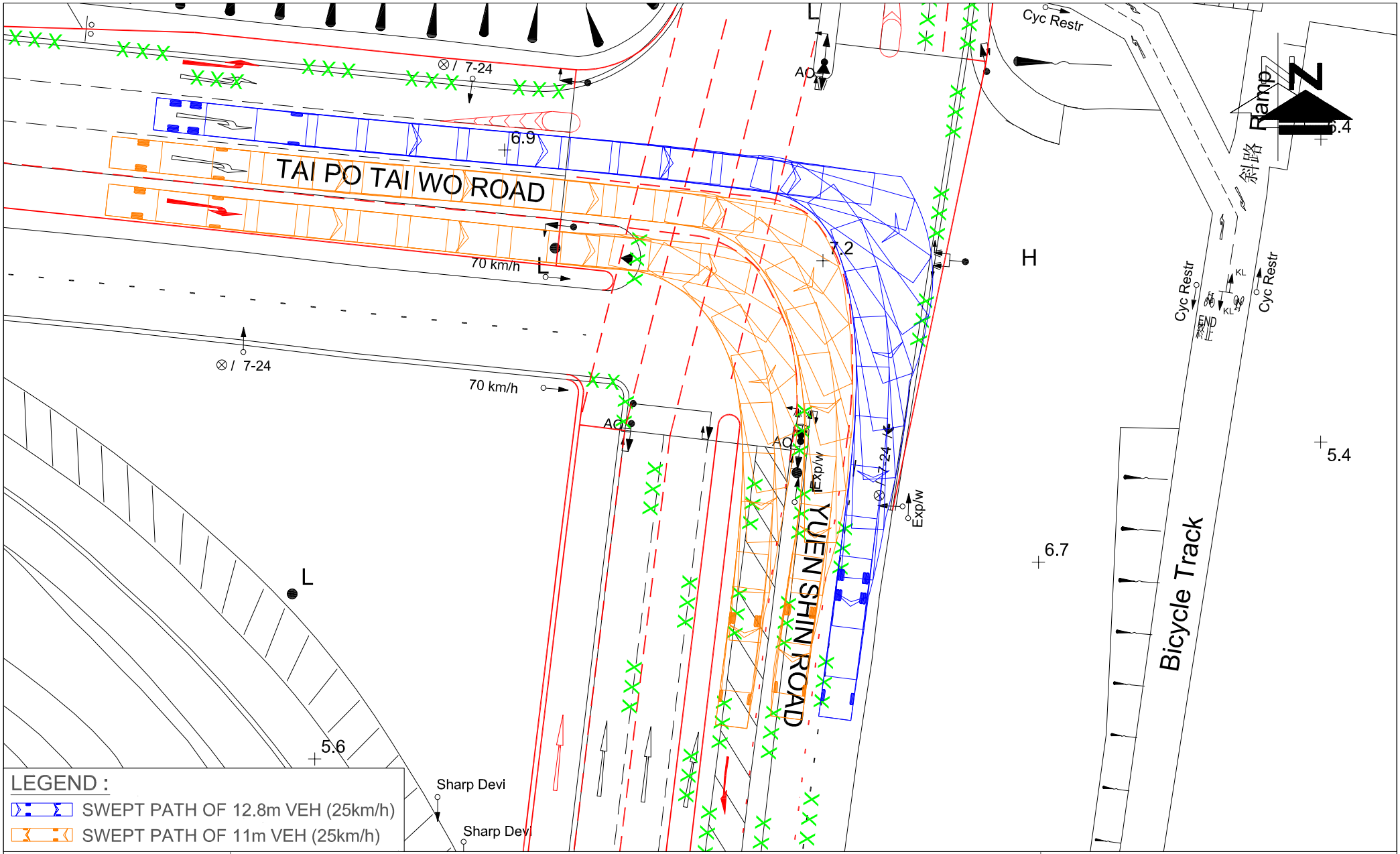

FIGURE NO.: 4.8(SP2)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TAI PO TAI WO ROAD / YUEN SHIN ROAD (E) WITH SWEPT PATH ANALYSIS OF 12.8m VEHICLE & 11m VEHICLES
SCALE: 1 : 400 @A4	DATE: 18 JUL 2025

CTA Consultants Limited
志達顧問有限公司

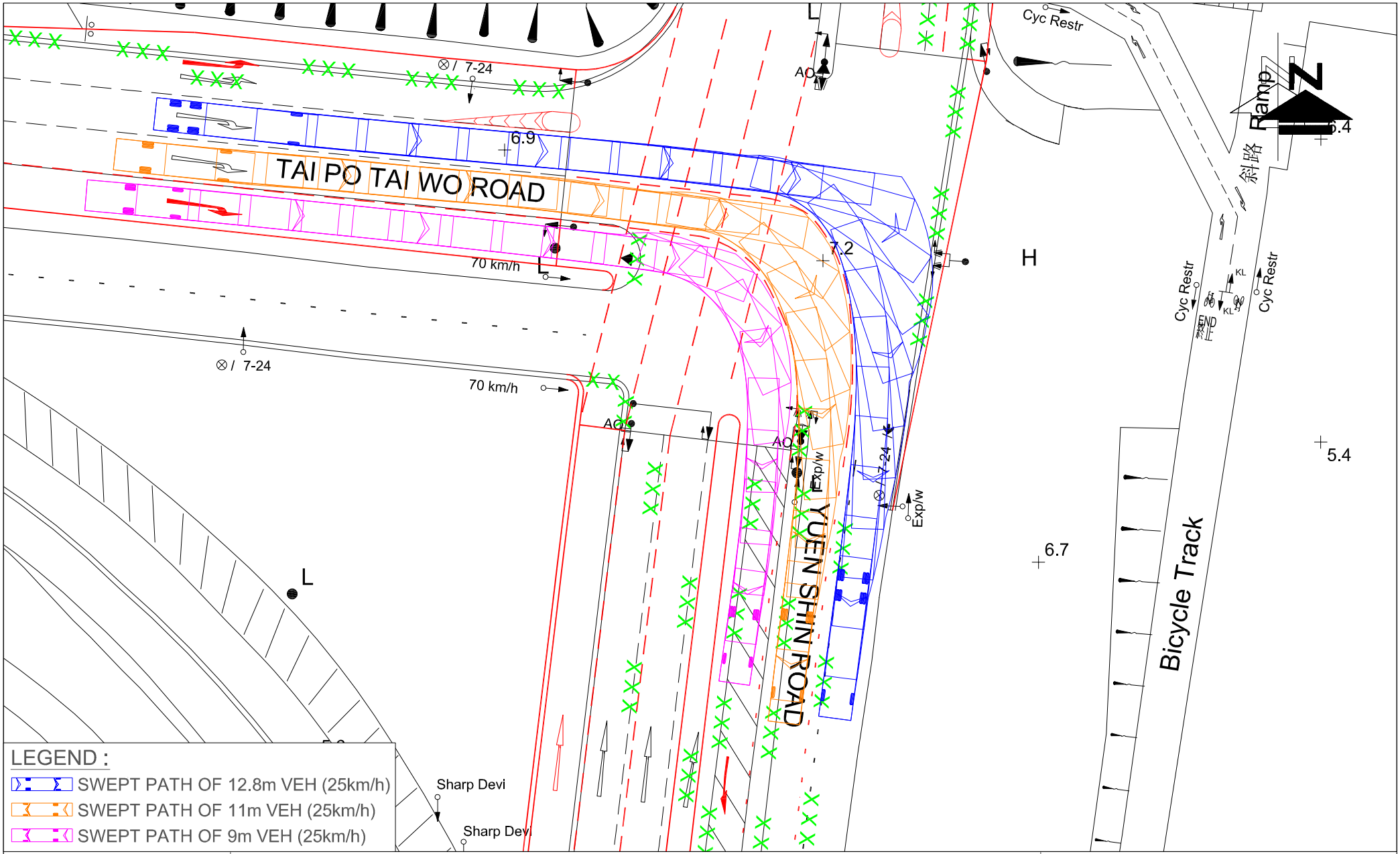

FIGURE NO.: 4.8(SP3)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED IMPROVEMENT JUNCTION LAYOUT OF TAI PO TAI WO ROAD / YUEN SHIN ROAD (E) WITH SWEPT PATH ANALYSIS OF 12.8m VEHICLE, 11m VEHICLE & 9m VEHICLE
SCALE: 1 : 400 @A4	DATE: 18 JUL 2025

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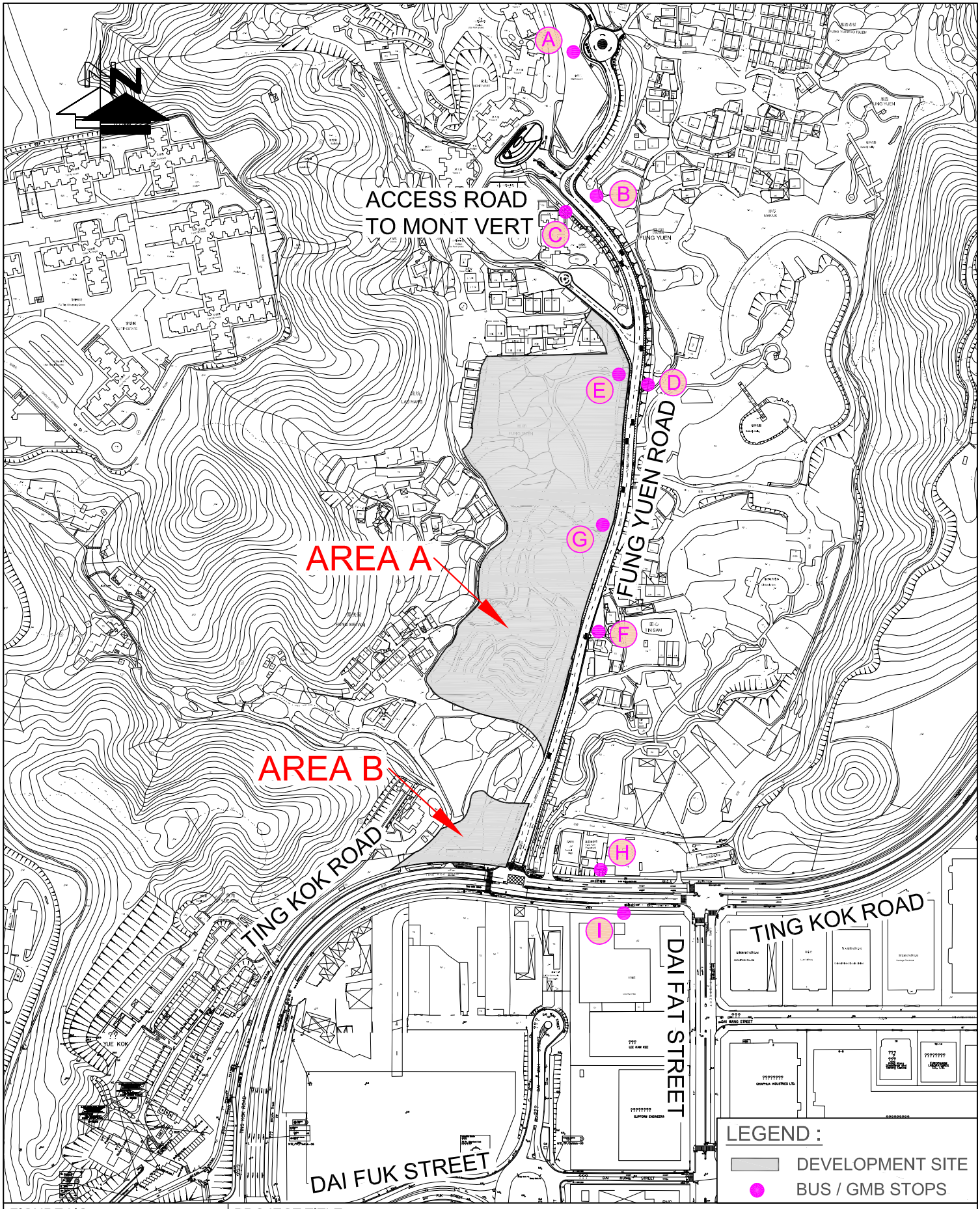


FIGURE NO.: 5.1	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: THE LOCATION OF BUS STOP & GMB STOP
SCALE: 1 : 4000 @A4 / DATE: 18 JUL 2025	CTA Consultants Limited 志達顧問有限公司

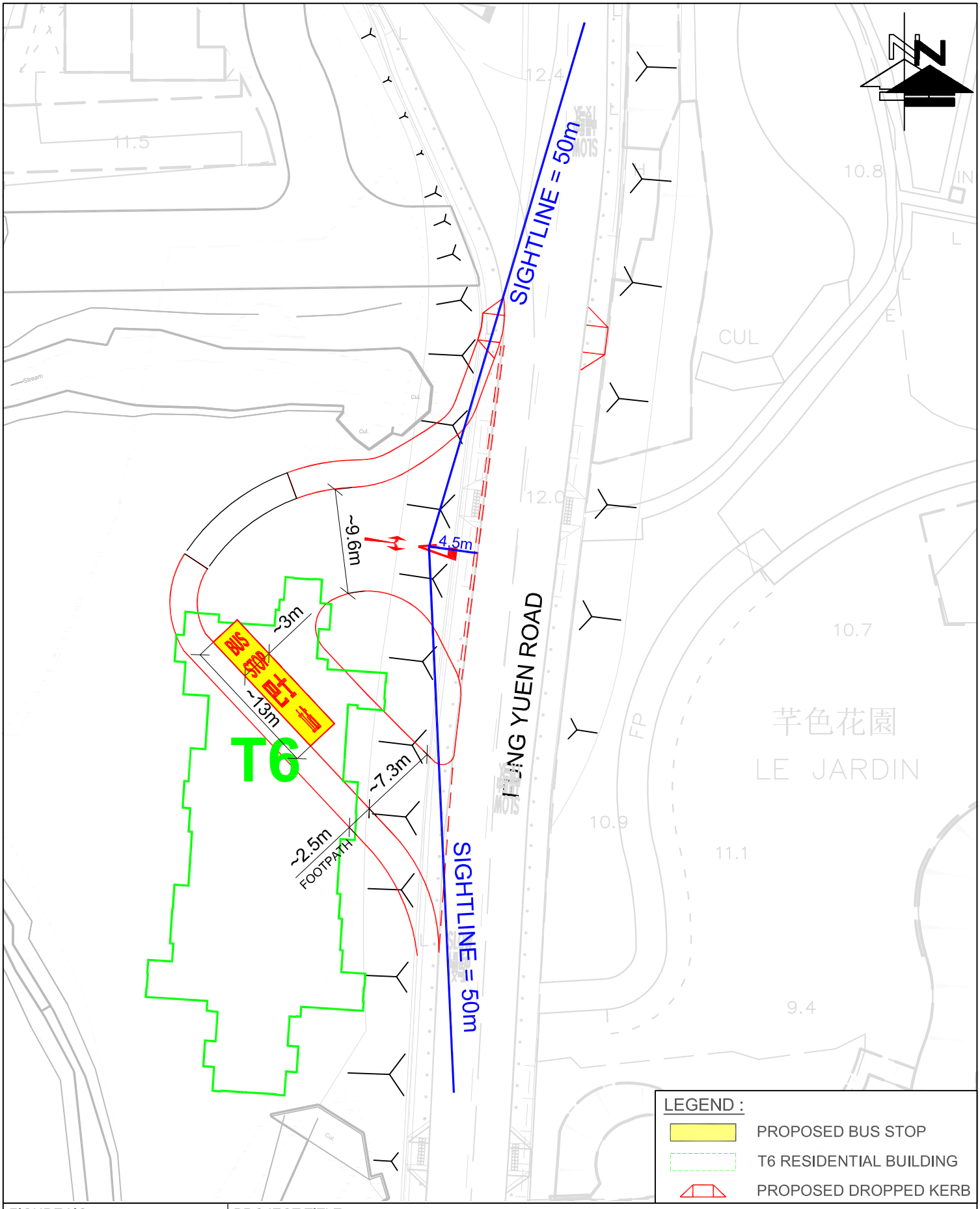
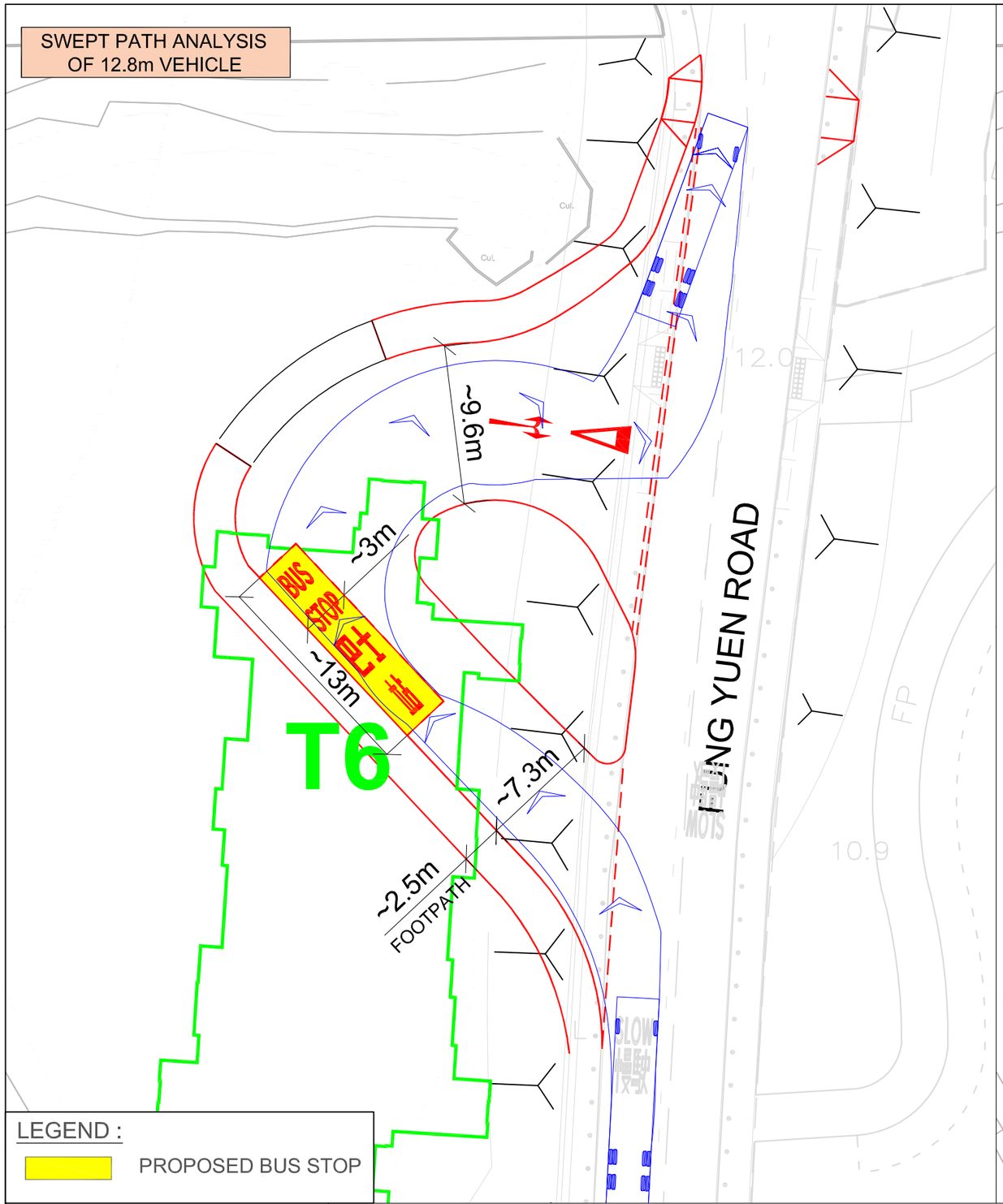
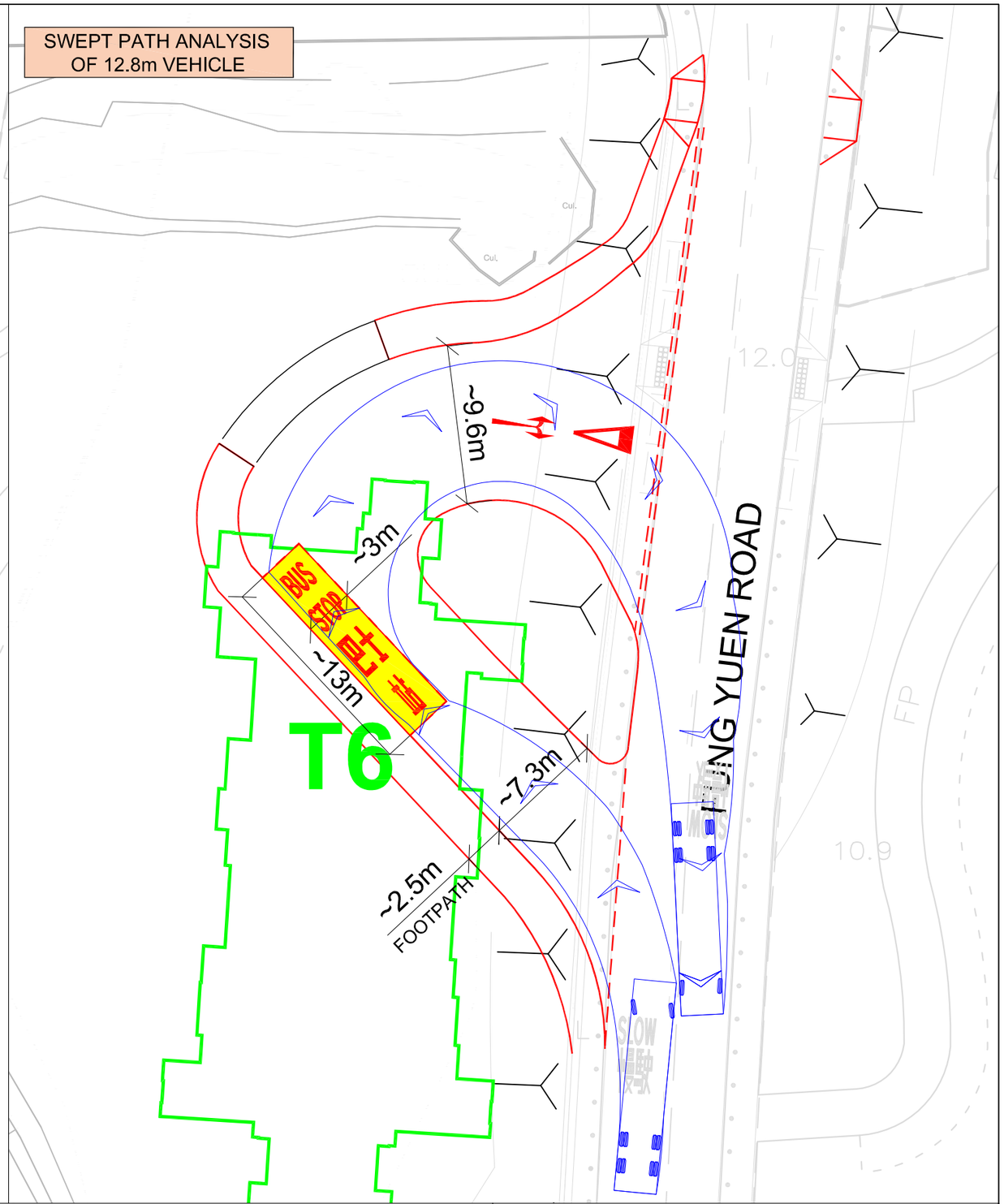


FIGURE NO.: 5.2	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: PROPOSED BUS STOP
SCALE: 1 : 450 @A4 / DATE: 09 SEP 2025	CTA Consultants Limited 志達顧問有限公司

SWEPT PATH ANALYSIS
OF 12.8m VEHICLE



SWEPT PATH ANALYSIS
OF 12.8m VEHICLE



LEGEND :

PROPOSED BUS STOP

FIGURE NO.: 5.2(SP)	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: SWEPT PATH ANALYSIS OF 12.8m VEHICLE
SCALE: 1 : 300 @A3	DATE: 09 SEP 2025

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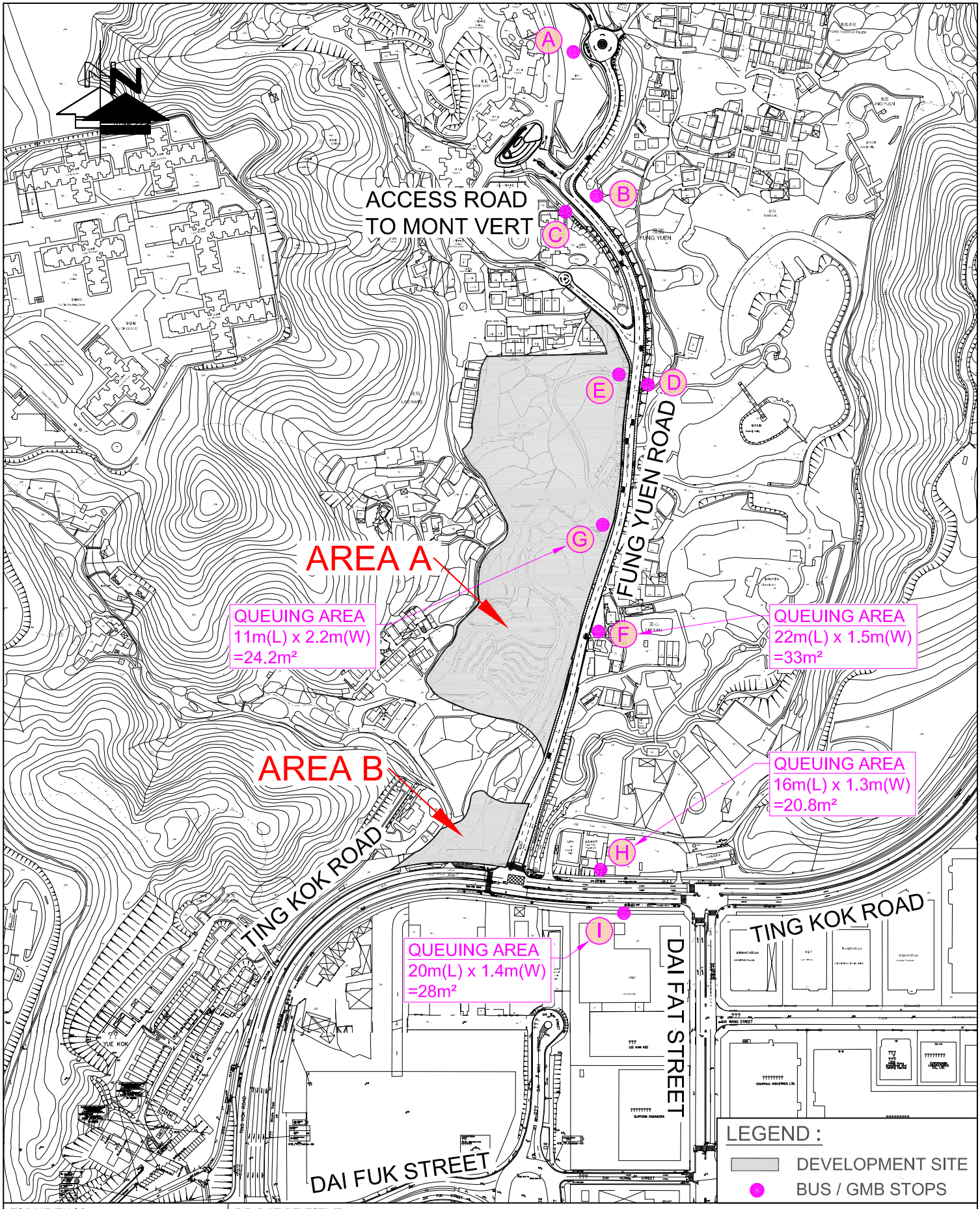

FIGURE NO.: 5.3	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: THE LOCATION OF BUS STOP & GMB STOP + CONCERNED QUEUING AREA
SCALE: 1 : 4000 @A4 / DATE: 18 JUL 2025	CTA Consultants Limited 志達顧問有限公司

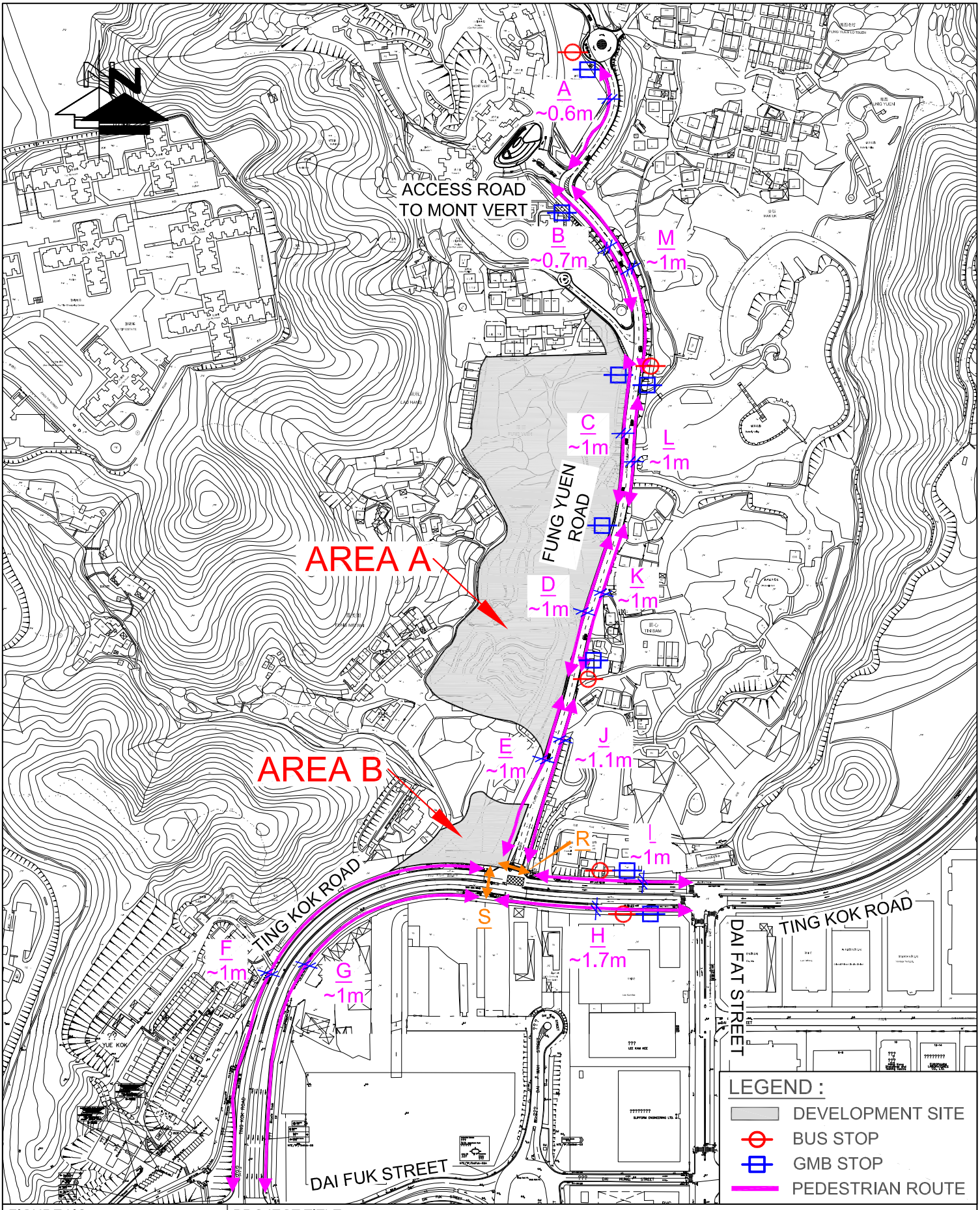

FIGURE NO.: 6.1	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: INDEX PLAN OF CRITICAL FOOTPATH SECTIONS
SCALE: 1 : 4000 @A4 / DATE: 18 JUL 2025	CTA Consultants Limited 志達顧問有限公司

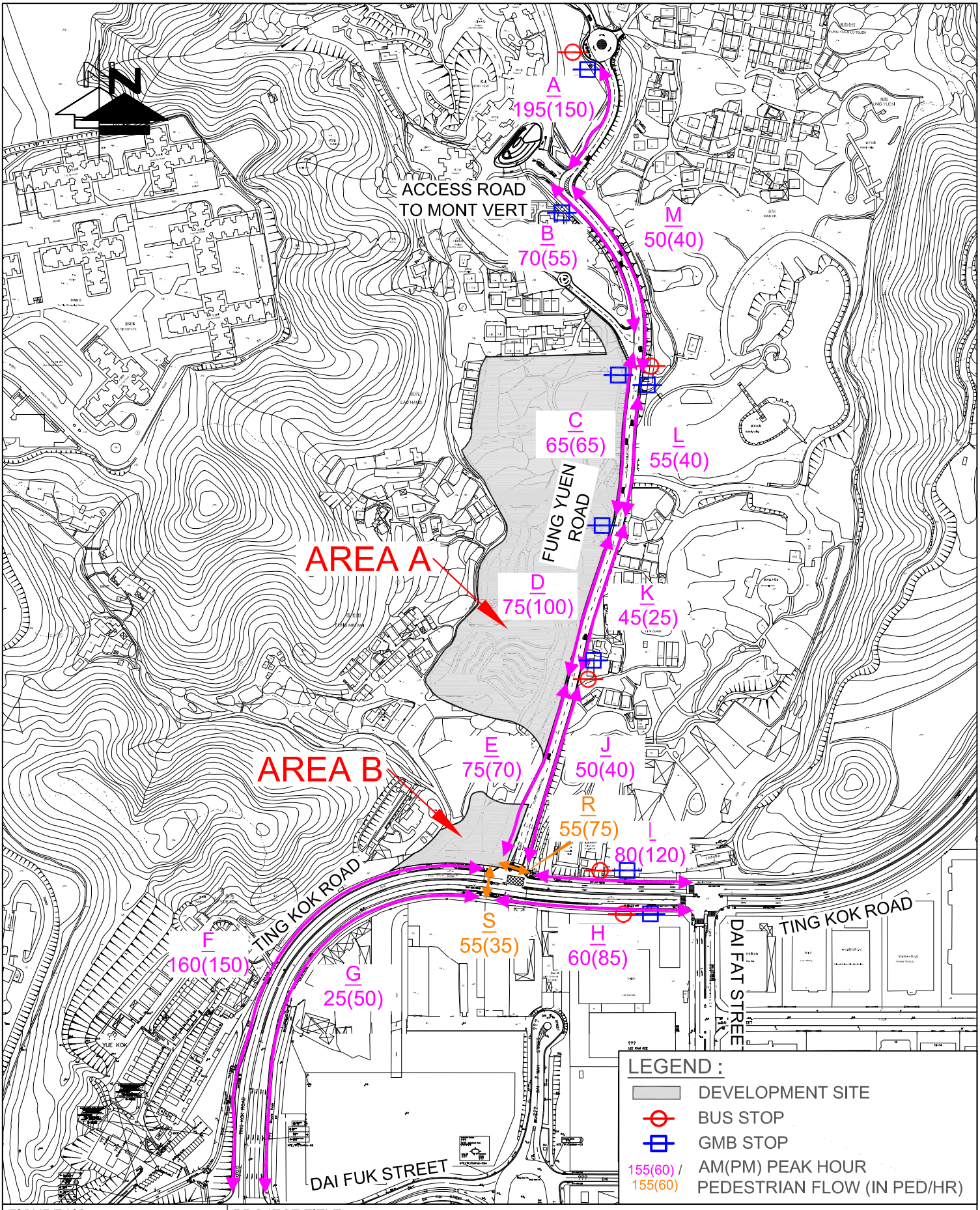

FIGURE NO.: 6.2	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: 2025 OBSERVED PEDESTRIAN FLOW
SCALE: 1 : 4000 @A4 / DATE: 18 JUL 2025	CTA Consultants Limited 志達顧問有限公司

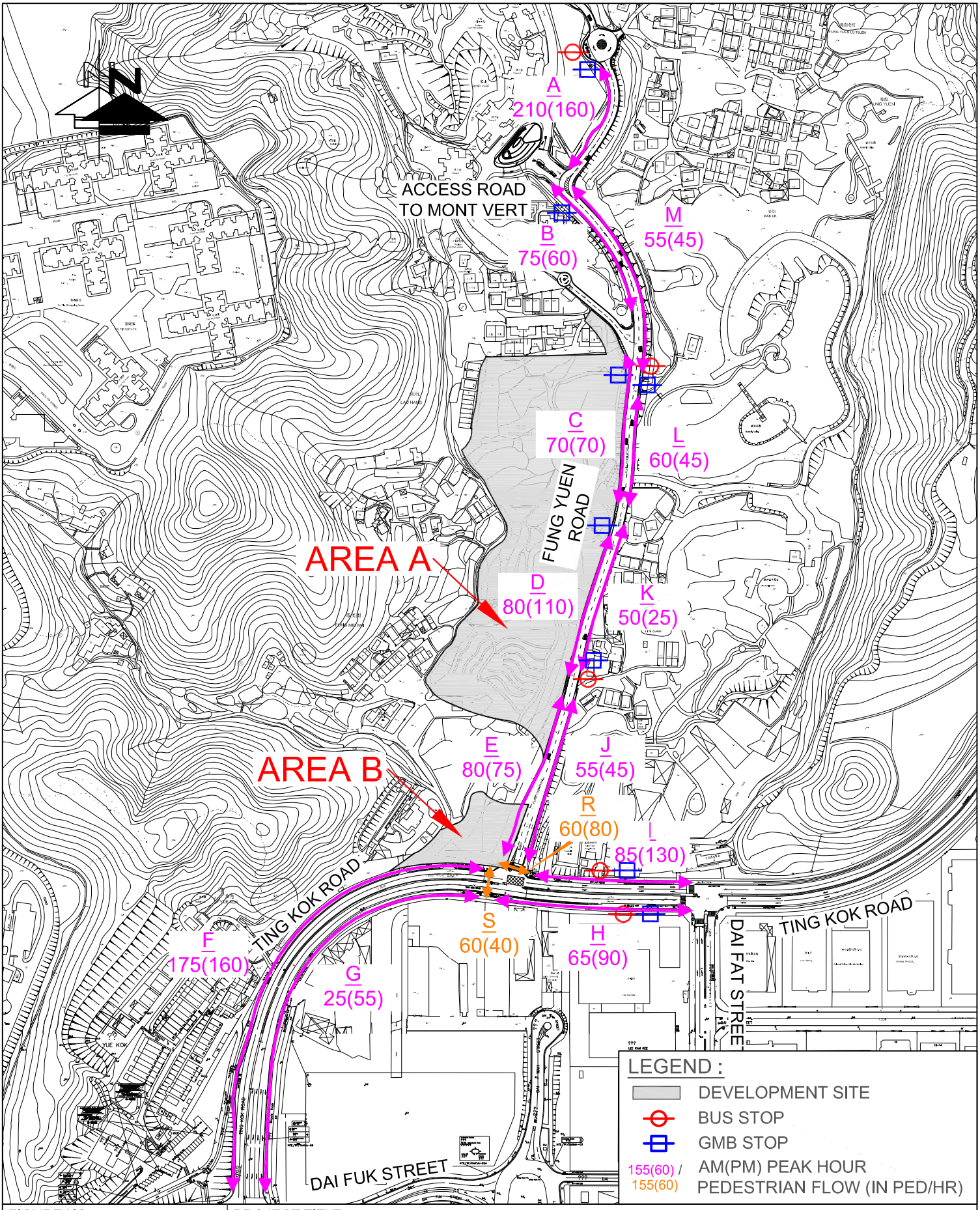

FIGURE NO.: 6.3	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: 2033 REFERENCE PEDESTRIAN FLOW
SCALE: 1 : 4000 @A4	DATE: 18 JUL 2025

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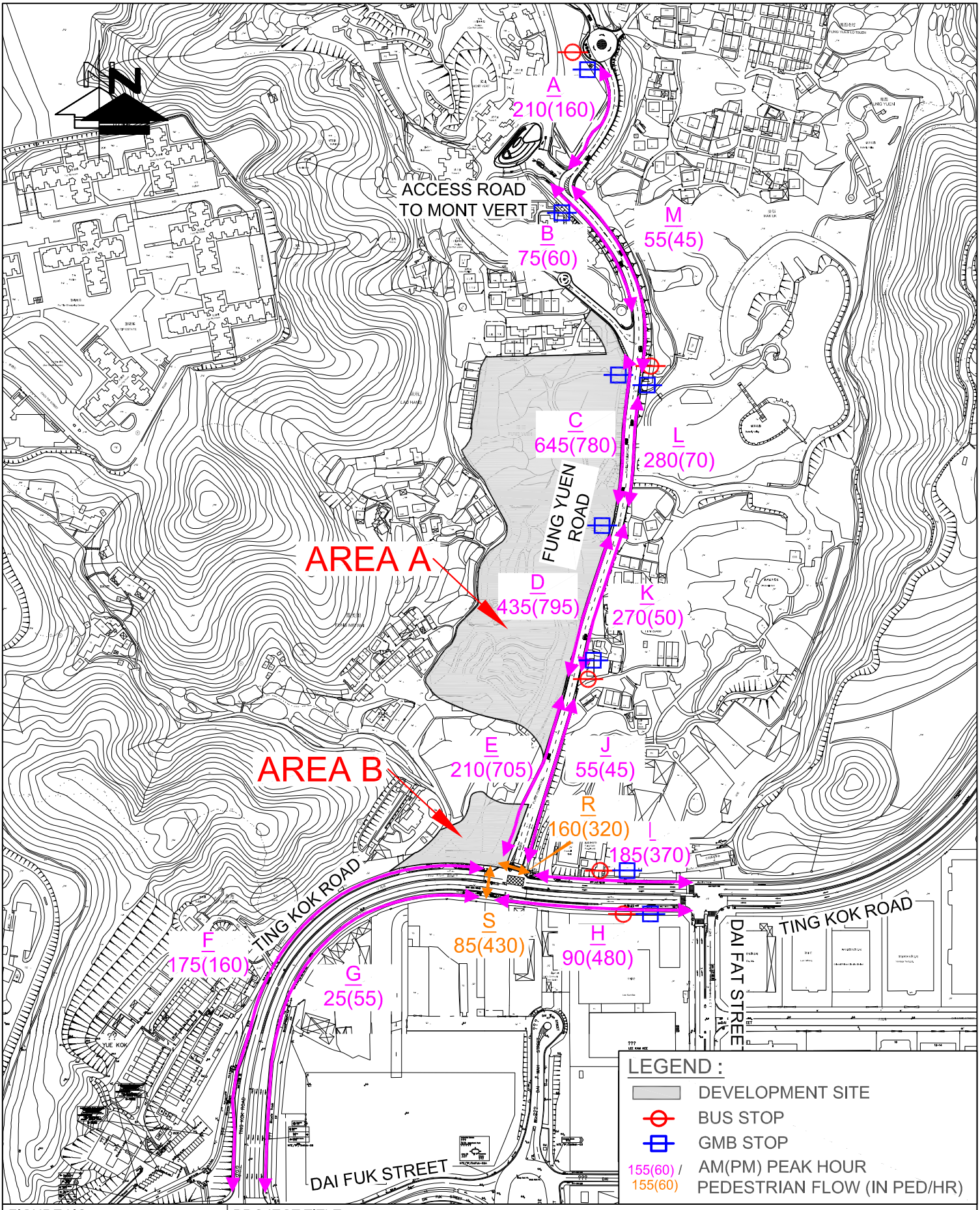

FIGURE NO.: 6.4	PROJECT TITLE: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
PROJECT NO.: 25022HK	DRAWING TITLE: 2033 DESIGN PEDESTRIAN FLOW
SCALE: 1 : 4000 @A4	DATE: 18 JUL 2025

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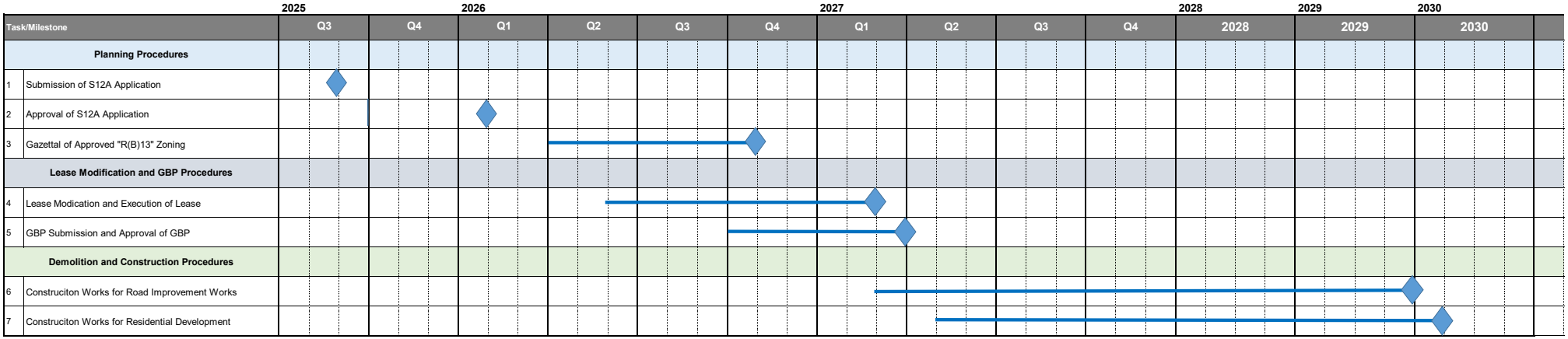
APPENDIX I

Indicative Implementation Programme

Indicative Programme of Residential Development in Fung Yuen



APPENDIX II

Junction Calculation Sheets

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction A - Ting Kok Road / Dai Fat Street**

Description: **2025 OBSERVED TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right		AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Ting Kok Road	E	→	1	A,B	3.4	0.0	0	1	0%	0%	1955	4050	1603	3321	1603	3321	635	0.325	0.325	614	0.314	0.314
	E	↴	1	A,B	3.4	0.0	10	0	47%	24%	2095	0	1718	0	1718		635	0.325		636	0.314	
Dai Fat Street	N	↰	2	A	3.7	10.0	0	1	100%	100%	1980	4100	1624	3362	1624	3362	67	0.039		69	0.040	
	N	↰	2	A	3.7	12.5	0	0	100%	100%	2120	0	1738	0	1738	0	73	0.039		76	0.040	
Ting Kok Road	W	←	3	C	3.7	0.0	0	1	0%	0%	1980	4100	1624	3362	1624	3362	589	0.298	0.298	435	0.220	0.220
	W	←	3	C	3.7	0.0	0	0	0%	0%	2120	0	1738	0	1738	0	631	0.298		465	0.220	
Pedestrian crossing			4	B		Min. Crossing Time = 5Gm + 7FGm =12s																
			5	C		Min. Crossing Time = 6Gm + 7FGm =13s																
			6	B,C		Min. Crossing Time = 10Gm + 7FGm =17s																

1,5 1,3 1,5 1,3

Notes:

(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak

970(1100) →

300(150) ↴

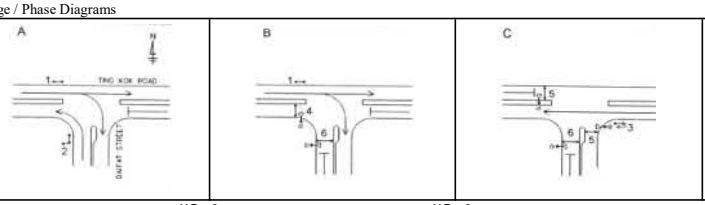
← 1220(900)

↰ 140(145)

AM Peak Check Phase		
εy	0.325	0.622
L (sec)	25	10
C (sec)	104	104
y pract.	0.684	0.813
R.C. (%)	110%	31%

PM Peak Check Phase		
εy	0.314	0.534
L (sec)	25	10
C (sec)	96	96
y pract.	0.666	0.806
R.C. (%)	112%	51%

Stage / Phase Diagrams



I/G=6s I/G=6s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction B - Ting Kok Road / Fung Yuen Road**

Description: **2025 OBSERVED TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m) Left	Radius (m) Right	Nearside 0/1	Pro. Turning (%) AM	Pro. Turning (%) PM	Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr) AM	Revised Saturation Flow (pcu/hr) PM	Total Revised Saturation Flow (pcu/hr) AM	Total Revised Saturation Flow (pcu/hr) PM	AM Peak Flow (pcu/hr)	AM Peak y Value	AM Peak Critical y	PM Peak Flow (pcu/hr)	PM Peak y Value	PM Peak Critical y
Ting Kok Road	E		1	A	3.5	15.0	0	1	18%	26%	1965	4070	1930	1915	4035	4020	653	0.338	0.338	667	0.348	0.348
	E		1	A	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	712	0.338		733	0.348	
Ting Kok Road	W		2	A,B	3.5	0.0	0	1	0%	0%	1965	3840	1965	1965	3835	3835	697	0.355		536	0.273	
	W		2	A,B	3.5	0.0	15	0	4%	3%	1875	0	1870	1870	0	0	663	0.354		509	0.272	
	W		3	B	GREEN TIME (Lost time for Stage 2 right turn) = 5s																	
Fung Yuen Road	S		4	C	3.8	10.0	0	1	100%	100%	1990	1990	1730	1730	1730	1730	25	0.014		25	0.014	
	S		4	C	3.8	0.0	20	0	100%	100%	2130	2130	1980	1980	1980	1980	180	0.091	0.091	130	0.066	0.066

Pedestrian crossing

5 D Min. Crossing Time = 8Gm + 8FGm = 16s

6 D Min. Crossing Time = 11Gm + 10FGm = 21s

Notes:

Traffic Flow (pcu / hr) AM(PM) Peak

180(130) 25(25)

120(175)

1245(1225)

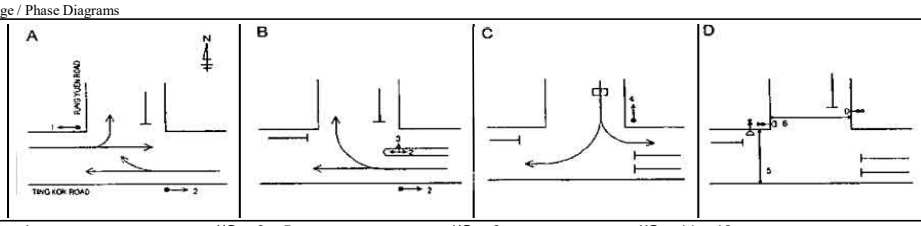
25(15)

1335(1030)

AM Peak Check Phase	1,3,4,6	1,3,4,5
εy	0.429	0.429
L (sec)	42	44
C (sec)	104	104
y pract.	0.537	0.519
R.C. (%)	25%	21%

PM Peak Check Phase	1,3,4,6	1,3,4,5
εy	0.414	0.414
L (sec)	42	44
C (sec)	96	96
y pract.	0.506	0.488
R.C. (%)	22%	18%

Stage / Phase Diagrams



I/G = 4s I/G = 6s+5s I/G = 6s I/G = 11s+16s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction C - Ting Kok Road / Yuen Shin Road / Dai Fuk Road**

Description: **2025 OBSERVED TRAFFIC FLOWS**

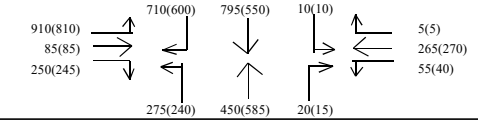
Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m) Left	Radius (m) Right	Nearside 0/1	Pro. Turning (%) AM	Pro. Turning (%) PM	Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr) AM	Revised Saturation Flow (pcu/hr) PM	Total Revised Saturation Flow (pcu/hr) AM	Total Revised Saturation Flow (pcu/hr) PM	AM Peak Flow (pcu/hr)	AM Peak y Value	AM Peak Critical y	PM Peak Flow (pcu/hr)	PM Peak y Value	PM Peak Critical y
Ting Kok Road	S		1	A	3.6	12.5	0	1	3%	4%	1975	4090	1970	1965	4085	4080	388	0.197		270	0.137	
	S		1	A	3.6	0.0	0	0	0%	0%	2115	0	2115	2115	0	0	417	0.197		290	0.137	
	S		1	A	3.6	0.0	25	0	100%	100%	2115	4230	1995	1995	4000	4000	354	0.178	0.197	299	0.150	0.150
	S		1	A	3.6	0.0	27.5	0	100%	100%	2115	0	2005	2005	0	0	356	0.178		301	0.150	
Ting Kok Road	E		2	A,B	3.5	15.0	0	1	100%	100%	1965	4070	1785	1785	3725	3725	436	0.244		388	0.217	
	E		2	A,B	3.5	17.5	0	0	100%	100%	2105	0	1940	1940	0	0	474	0.244		422	0.217	
	E		3	B	3.5	0.0	0	0	0%	0%	2105	2105	2105	2105	2105	2105	85	0.040		85	0.040	
	E		3	B	3.5	0.0	32.5	0	100%	100%	2105	2105	2010	2010	2010	2010	250	0.124	0.124	245	0.122	0.122
Yuen Shin Road	N		4	B,C	3.5	15.0	0	1	100%	100%	1965	1965	1785	1785	1785	1785	275	0.154		240	0.134	
	N		5	C	3.5	0.0	0	0	0%	0%	2105	6315	2105	2105	6315	6315	150	0.071	0.071	195	0.093	0.093
	N		5	C	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	150	0.071		195	0.093	
	N		5	C	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	150	0.071		195	0.093	
	N		5	C	3.5	0.0	25	0	100%	100%	2105	2105	1985	1985	1985	1985	20	0.010		15	0.008	
Dai Fuk Road	W		6	D	3.7	0.0	22.5	0	3%	3%	2120	0	2115	2115	0	0	171	0.081		165	0.078	
	W		6	D	3.7	15.0	0	1	36%	27%	1980	4100	1910	1930	4025	4045	154	0.081		150	0.078	
Pedestrian crossing			7	A,B,C		Min. Crossing Time = 9Gm + 7FGm =16s																
			8	D		Min. Crossing Time = 5Gm + 10FGm =15s																

Stage	1,3,5,6	1,3,5,8		1,3,5,6	1,3,5,8
	AM Peak Check Phase			PM Peak Check Phase	
εy	0.474	0.393	εy	0.442	0.365
L (sec)	25	40	L (sec)	25	40
C (sec)	104	104	C (sec)	96	96
y pract.	0.684	0.554	y pract.	0.666	0.525
R.C. (%)	44%	41%	R.C. (%)	50%	44%

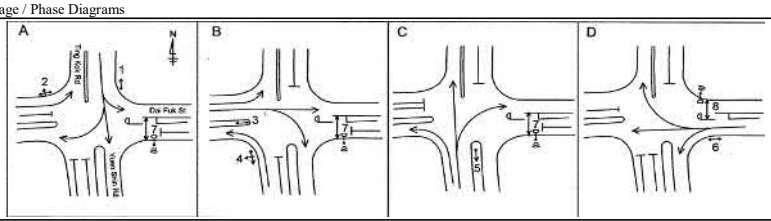
Notes:

(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak



Stage / Phase Diagrams



I/G = 2s I/G = 7s I/G = 8s I/G = 11s + 15s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction D - Yuen Shin Road / Dai Fat Street**

Description: **2025 OBSERVED TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m) Left	Radius (m) Right	Nearside 0/1	Pro. Turning (%) AM	Pro. Turning (%) PM	Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr) AM	Revised Saturation Flow (pcu/hr) PM	Total Revised Saturation Flow (pcu/hr) AM	Total Revised Saturation Flow (pcu/hr) PM	AM Peak Flow (pcu/hr)	AM Peak y Value	AM Peak Critical y	PM Peak Flow (pcu/hr)	PM Peak y Value	PM Peak Critical y
Yuen Shin Road	S		2	B	3.3	15.0	0	1	3%	4%	1945	4030	1940	1940	4025	4025	530	0.273	0.273	402	0.207	0.208
	S		2	B	3.3	0.0	0	0	0%	0%	2085	0	2085	2085	0	0	570	0.273		433	0.208	
Yuen Shin Road	N		1	A	3.5	0.0	0	1	0%	0%	1965	6175	1965	1965	5945	6030	534	0.272	0.272	406	0.206	0.206
	N		1	A	3.5	0.0	22.5	0	62%	0%	2105	0	2020	2105	0	0	549	0.272		434	0.206	
	N		1	A	3.5	0.0	20	0	100%	100%	2105	0	1960	1960	0	0	532	0.272		315	0.161	
Dai Fat Street	W		3	A	3.8	20.0	0	1	100%	100%	1990	4120	1850	1850	3845	3845	277	0.150		286	0.155	
	W		3	A	3.8	22.5	0	0	100%	100%	2130	0	1995	1995	0	0	298	0.150		309	0.155	

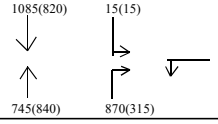
Pedestrian crossing

4	B,C	Min. Crossing Time = 5Gm + 6FGm =11s
5	C	Min. Crossing Time = 5Gm + 8FGm =13s
6	A,C	Min. Crossing Time = 5Gm + 6FGm =11s
7	B,C	Min. Crossing Time = 5Gm + 7FGm =12s

Notes:

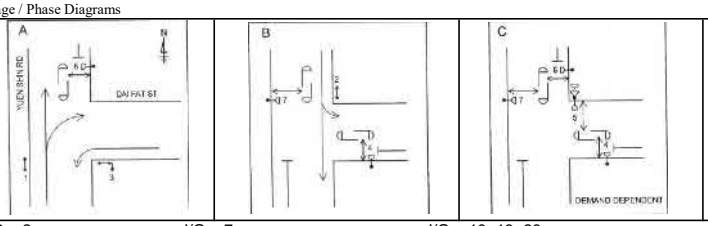
(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak



	AM Peak Check Phase 3,2,5	AM Peak Check Phase 1,2,5	PM Peak Check Phase 3,2,5	PM Peak Check Phase 1,2,5
εy	0.423	0.545	0.362	0.414
L (sec)	31	29	31	29
C (sec)	104	104	96	96
y pract.	0.632	0.649	0.609	0.628
R.C. (%)	49%	19%	68%	52%

Stage / Phase Diagrams



I/G = 2 I/G = 7 I/G = 10+13=23

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction E - Tai Po Tai Wo Road / Yuen Shin Road**

Description: **2025 OBSERVED TRAFFIC FLOWS**

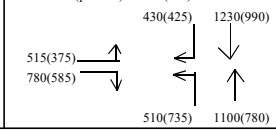
Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m) Left	Radius (m) Right	Nearside 0/1	Pro. Turning (%) AM	Pro. Turning (%) PM	Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr) AM	Revised Saturation Flow (pcu/hr) PM	Total Revised Saturation Flow (pcu/hr) AM	Total Revised Saturation Flow (pcu/hr) PM	AM Peak Flow (pcu/hr)	AM Peak y Value	AM Peak Critical y	PM Peak Flow (pcu/hr)	PM Peak y Value	PM Peak Critical y
Yuen Shin Road	S	↓	2	A,B	3.3	0	0	1	0%	0%	1945	4030	1945	1945	4030	4030	594	0.305		478	0.246	
	S	↓	2	A,B	3.3	0	0	0	0%	0%	2085	0	2085	2085	0	0	636	0.305		512	0.246	
	S	↲	3	B	3.3	0	15	0	100%	100%	2085	2085	1895	1895	1895	1895	430	0.227	0.227	425	0.224	0.224
Tai Po Tai Wo Road	E	↱	4	B,C	3.3	15	0	1	100%	100%	1945	1945	1770	1770	1770	1770	515	0.291		375	0.212	
	E	↴	5	C	3.3	0	20	0	100%	100%	2085	4170	1940	1940	3835	3835	395	0.203	0.203	296	0.153	0.153
	E	↴	5	C	3.3	0	15	0	100%	100%	2085	0	1895	1895	0	0	385	0.203		289	0.153	
Yuen Shin Road	N	↑	1	A	3.3	0	0	1	0%	0%	1945	6115	1945	1945	6115	6115	350	0.180	0.180	248	0.128	0.128
	N	↑	1	A	3.3	0	0	0	0%	0%	2085	0	2085	2085	0	0	375	0.180		266	0.128	
	N	↑	1	A	3.3	0	0	0	0%	0%	2085	0	2085	2085	0	0	375	0.180		266	0.128	

Stage	2,5	1,3,5	Stage	2,5	1,3,5
AM Peak Check Phase			PM Peak Check Phase		
ey	0.509	0.610	ey	0.398	0.504
L (sec)	10	13	L (sec)	10	13
C (sec)	104	104	C (sec)	96	96
y pract.	0.813	0.788	y pract.	0.806	0.778
R.C. (%)	60%	29%	R.C. (%)	102%	54%

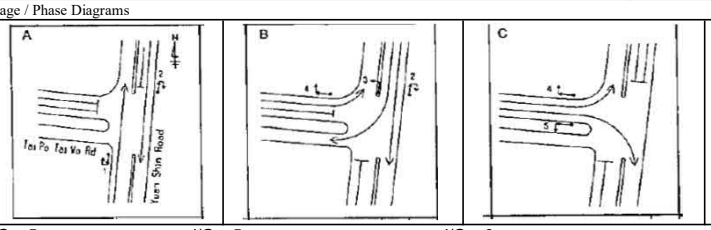
Notes:

(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak



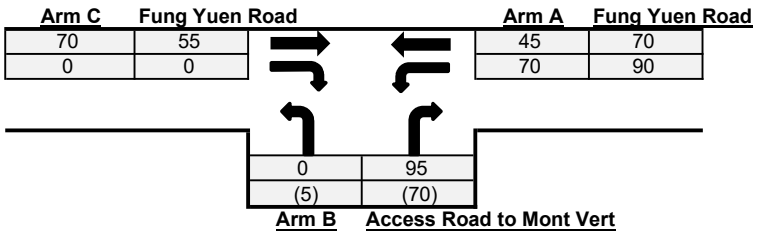
Stage / Phase Diagrams



I/G = 5 I/G = 5 I/G = 6

Priority Junction Calculation

Junction :	Fung Yuen Road / Access Road to Mont Vert (F)	Job No.:	25022HK
Scenario :	2025 OBSERVED TRAFFIC FLOWS		



AM	(PM)
(PM)	

The predictive equations of capacity of movement are:

Q-BA = D(627 + 14W-CR - Y(0.364q-AC + 0.144q-AB + 0.229q-CA + 0.52q-CB))
Q-BC = E(745 - Y(0.364q-AC + 0.144q-AB))
Q-CB = F(745 - 0.364Y(q-AC + q-AB))

The geometric parameters represented by D, E, F are:

D = (1 + 0.094(w-BA - 3.65))(1 + 0.0009(V-rBA - 120))(1 + 0.0006(V-IBA - 150))
E = (1 + 0.094(w-BC - 3.65))(1 + 0.0009(V-rBC - 120))
F = (1 + 0.094(w-CB - 3.65))(1 + 0.0009(V-rCB - 120))

where

Y = 1 - 0.0345W
q-AB, etc = the design flow of movement AB, etc
W = major road width
W-CR = central reserve width
w-BA, etc = lane width to vehicle
v-rBA, etc = visibility to the right for waiting vehicles in stream BA, etc
v-IBA = visibility to the left for waiting vehicles in stream BA, etc

Geometry :	**Input**						**Calculated**	
W	7	V-rBA	50	w-BA	4.7	D	0.968
W-CR	0	V-IBA	50	w-BC	4.7	E	1.029
C-B blocked C-A, residual width <2.5m? (Yes: 1, No: 0)	0	V-rBC	50	w-CB	3.4	F	0.915
Minor Road Share LT&RT? (Yes: 1, No: 0)	1	V-rCB	50			Y	0.759

Analysis :	**Traffic Flow pcu/hr**	**AM**	**PM**	**Capacity pcu/hr**	**AM**	**PM**	
	q-CA	70	55	Q-BA	576	569	
	q-CB	0	0	Q-BC	746	737	
	q-AB	70	90	Q-CB	653	641	
	q-AC	45	70	Q-CA	N/A	N/A	(If C-B blocked C-A)
	q-BA	95	70	Q-BAC	576	578	(If Minor Road Share LT&RT)
	q-BC	0	5				
	f	0.000	0.067				

Results :	**Ratio of Flow-to-Capacity**	**AM**	**PM**
	B-A	N/A	N/A
	B-C	N/A	N/A
	C-B	0.00	0.00
	C-A	N/A	N/A
	B-AC	0.17	0.13
	Critical DFC	**0.17**	**0.13**

CTA Consultants Ltd.

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction A - Ting Kok Road / Dai Fat Street**

Description: **2033 REFERENCE TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right		AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Ting Kok Road	E	→	1	A,B	3.4	0.0	0	1	0%	0%	1955	4050	1603	3321	1603	3321	774	0.396	0.396	736	0.376	0.376
	E	↴	1	A,B	3.4	0.0	10	0	42%	22%	2095	0	1718	0	1718		781	0.396		764	0.376	
Dai Fat Street	N	↰	2	A	3.7	10.0	0	1	100%	100%	1980	4100	1624	3362	1624	3362	71	0.041		74	0.043	
	N	↰	2	A	3.7	12.5	0	0	100%	100%	2120	0	1738	0	1738	0	79	0.041		81	0.043	
Ting Kok Road	W	←	3	C	3.7	0.0	0	1	0%	0%	1980	4100	1624	3362	1624	3362	727	0.367	0.367	538	0.272	0.272
	W	←	3	C	3.7	0.0	0	0	0%	0%	2120	0	1738	0	1738	0	778	0.367		577	0.272	
Pedestrian crossing		↕	4	B		Min. Crossing Time = 5Gm + 7FGm =12s																
		↕	5	C		Min. Crossing Time = 6Gm + 7FGm =13s																
		↔	6	B,C		Min. Crossing Time = 10Gm + 7FGm =17s																

1,5 1,3 1,5 1,3

Notes:

(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak

1230(1335) →

325(165) ↴

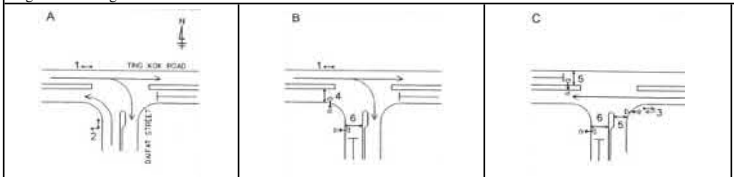
← 1505(1115)

↰ 150(155)

AM Peak Check Phase		
εy	0.396	0.763
L (sec)	25	10
C (sec)	104	104
y pract.	0.684	0.813
R.C. (%)	72%	7%

PM Peak Check Phase		
εy	0.376	0.648
L (sec)	25	10
C (sec)	96	96
y pract.	0.666	0.806
R.C. (%)	77%	24%

Stage / Phase Diagrams



I/G=6s I/G=6s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction B - Ting Kok Road / Fung Yuen Road**

Description: **2033 REFERENCE TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m) Left	Radius (m) Right	Nearside 0/1	Pro. Turning (%) AM	Pro. Turning (%) PM	Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr) AM	Revised Saturation Flow (pcu/hr) PM	Total Revised Saturation Flow (pcu/hr) AM	Total Revised Saturation Flow (pcu/hr) PM	AM Peak Flow (pcu/hr)	AM Peak y Value	AM Peak Critical y	PM Peak Flow (pcu/hr)	PM Peak y Value	PM Peak Critical y
Ting Kok Road	E		1	A	3.5	15.0	0	1	17%	24%	1965	4070	1930	1920	4035	4025	794	0.412	0.412	792	0.412	0.413
	E		1	A	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	866	0.411		868	0.413	
Ting Kok Road	W		2	A,B	3.5	0.0	0	1	0%	0%	1965	3840	1965	1965	3835	3835	848	0.432		651	0.331	
	W		2	A,B	3.5	0.0	15	0	3%	2%	1875	0	1870	1870	0	0	807	0.431		619	0.331	
	W		3	B	GREEN TIME (Lost time for Stage 2 right turn) = 5s																	
Fung Yuen Road	S		4	C	3.8	10.0	0	1	100%	100%	1990	1990	1730	1730	1730	1730	25	0.014		25	0.014	
	S		4	C	3.8	0.0	20	0	100%	100%	2130	2130	1980	1980	1980	1980	195	0.098	0.098	140	0.071	0.071

Pedestrian crossing

5 D Min. Crossing Time = 8Gm + 8FGm = 16s

6 D Min. Crossing Time = 11Gm + 10FGm = 21s

Notes:

Traffic Flow (pcu / hr) AM(PM) Peak

195(140) 25(25)

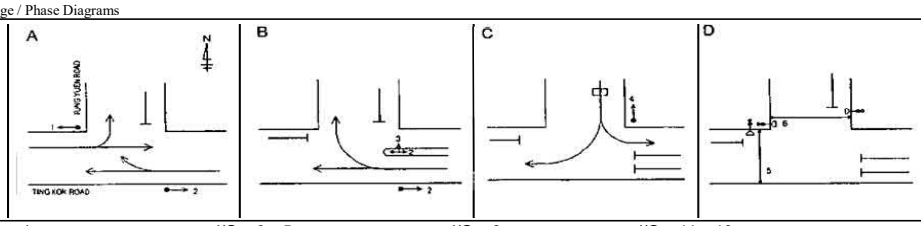
135(190) 25(15)

1525(1470) 1630(1255)

AM Peak Check Phase	1,3,4,6	1,3,4,5
εy	0.510	0.510
L (sec)	42	44
C (sec)	104	104
y pract.	0.537	0.519
R.C. (%)	5%	2%

PM Peak Check Phase	1,3,4,6	1,3,4,5
εy	0.483	0.483
L (sec)	42	44
C (sec)	96	96
y pract.	0.506	0.488
R.C. (%)	5%	1%

Stage / Phase Diagrams



I/G = 4s I/G = 6s+5s I/G = 6s I/G = 11s+16s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction C - Ting Kok Road / Yuen Shin Road / Dai Fuk Road**

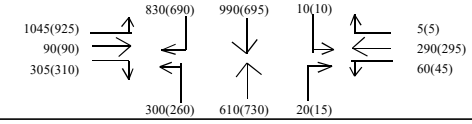
Description: **2033 REFERENCE TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right		AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Ting Kok Road	S		1	A	3.6	12.5	0	1	2%	3%	1975	4090	1970	1970	4085	4085	482	0.245		340	0.172	
	S		1	A	3.6	0.0	0	0	0%	0%	2115	0	2115	2115	0	0	518	0.245		365	0.173	
	S		1	A	3.6	0.0	25	0	100%	100%	2115	4230	1995	1995	4000	4000	414	0.208	0.245	344	0.173	0.173
	S		1	A	3.6	0.0	27.5	0	100%	100%	2115	0	2005	2005	0	0	416	0.208		346	0.173	
Ting Kok Road	E		2	A,B	3.5	15.0	0	1	100%	100%	1965	4070	1785	1785	3725	3725	501	0.281		443	0.248	
	E		2	A,B	3.5	17.5	0	0	100%	100%	2105	0	1940	1940	0	0	544	0.281		482	0.248	
	E		3	B	3.5	0.0	0	0	0%	0%	2105	2105	2105	2105	2105	2105	90	0.043		90	0.043	
	E		3	B	3.5	0.0	32.5	0	100%	100%	2105	2105	2010	2010	2010	2010	305	0.152	0.152	310	0.154	0.154
Yuen Shin Road	N		4	B,C	3.5	15.0	0	1	100%	100%	1965	1965	1785	1785	1785	1785	300	0.168		260	0.146	
	N		5	C	3.5	0.0	0	0	0%	0%	2105	6315	2105	2105	6315	6315	203	0.097	0.097	243	0.116	0.116
	N		5	C	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	203	0.097		243	0.116	
	N		5	C	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	203	0.097		243	0.116	
	N		5	C	3.5	0.0	25	0	100%	100%	2105	2105	1985	1985	1985	1985	20	0.010		15	0.008	
Dai Fuk Road	W		6	D	3.7	0.0	22.5	0	3%	3%	2120	0	2115	2115	0	0	187	0.088		181	0.085	
	W		6	D	3.7	15.0	0	1	36%	27%	1980	4100	1910	1925	4025	4040	168	0.088		164	0.085	
Pedestrian crossing			7	A,B,C		Min. Crossing Time = 9Gm + 7FGm =16s																
			8	D		Min. Crossing Time = 5Gm + 10FGm =15s																
																	Stage	1,3,5,6	1,3,5,8		1,3,5,6	1,3,5,8

Notes:

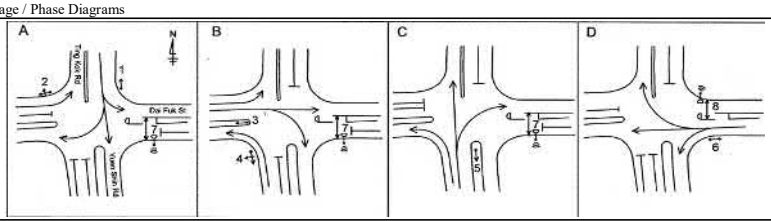
(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak



AM Peak Check Phase			PM Peak Check Phase		
εy	0.581	0.493	εy	0.528	0.442
L (sec)	25	40	L (sec)	25	40
C (sec)	104	104	C (sec)	96	96
y pract.	0.684	0.554	y pract.	0.666	0.525
R.C. (%)	18%	12%	R.C. (%)	26%	19%

Stage / Phase Diagrams



I/G = 2s I/G = 7s I/G = 8s I/G = 11s + 15s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction D - Yuen Shin Road / Dai Fat Street**

Description: **2033 REFERENCE TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right		AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Yuen Shin Road	S		2	B	3.3	15.0	0	1	8%	10%	1945	4030	1930	1925	4015	4010	651	0.338	0.338	504	0.262	0.262
	S		2	B	3.3	0.0	0	0	0%	0%	2085	0	2085	2085	0	0	704	0.337		546	0.262	
Yuen Shin Road	N		1	A	3.5	0.0	0	1	0%	0%	1965	6175	1965	1965	5955	6030	628	0.320	0.320	488	0.248	0.248
	N		1	A	3.5	0.0	22.5	0	54%	0%	2105	0	2030	2105	0	0	650	0.320		522	0.248	
	N		1	A	3.5	0.0	20	0	100%	100%	2105	0	1960	1960	0	0	627	0.320		375	0.191	
Dai Fat Street	W		3	A	3.8	20.0	0	1	100%	100%	1990	4120	1850	1850	3845	3845	330	0.178		334	0.181	
	W		3	A	3.8	22.5	0	0	100%	100%	2130	0	1995	1995	0	0	355	0.178		361	0.181	

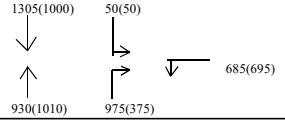
Pedestrian crossing

4	B,C	Min. Crossing Time = 5Gm + 6FGm =11s
5	C	Min. Crossing Time = 5Gm + 8FGm =13s
6	A,C	Min. Crossing Time = 5Gm + 6FGm =11s
7	B,C	Min. Crossing Time = 5Gm + 7FGm =12s

Notes:

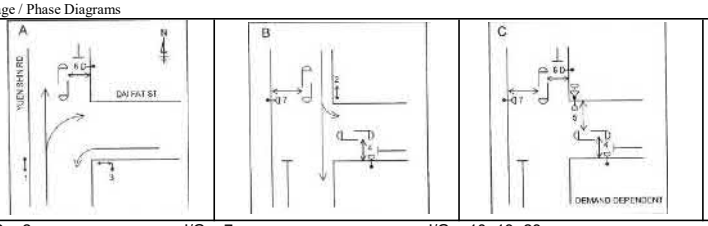
(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak



	AM Peak Check Phase		PM Peak Check Phase	
	3,2,5	1,2,5	3,2,5	1,2,5
εy	0.516	0.658	0.443	0.510
L (sec)	31	29	31	29
C (sec)	104	104	96	96
y pract.	0.632	0.649	0.609	0.628
R.C. (%)	23%	-1%	38%	23%

Stage / Phase Diagrams



I/G = 2 I/G = 7 I/G = 10+13=23

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction E - Tai Po Tai Wo Road / Yuen Shin Road**

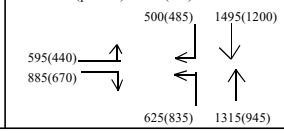
Description: **2033 REFERENCE TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right		AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Yuen Shin Road	S	↓	2	A,B	3.3	0	0	1	0%	0%	1945	4030	1945	1945	4030	4030	722	0.371		579	0.298	
	S	↓	2	A,B	3.3	0	0	0	0%	0%	2085	0	2085	2085	0	0	773	0.371		621	0.298	
	S	↲	3	B	3.3	0	15	0	100%	100%	2085	2085	1895	1895	1895	1895	500	0.264	0.264	485	0.256	0.256
Tai Po Tai Wo Road	E	↱↑	4	B,C	3.3	15	0	1	100%	100%	1945	1945	1770	1770	1770	1770	595	0.336		440	0.249	
	E	↴	5	C	3.3	0	20	0	100%	100%	2085	4170	1940	1940	3835	3835	448	0.231	0.231	339	0.175	0.175
	E	↴	5	C	3.3	0	15	0	100%	100%	2085	0	1895	1895	0	0	437	0.231		331	0.175	
Yuen Shin Road	N	↑	1	A	3.3	0	0	1	0%	0%	1945	6115	1945	1945	6115	6115	418	0.215	0.215	301	0.155	0.155
	N	↑	1	A	3.3	0	0	0	0%	0%	2085	0	2085	2085	0	0	448	0.215		322	0.155	
	N	↑	1	A	3.3	0	0	0	0%	0%	2085	0	2085	2085	0	0	448	0.215		322	0.155	

Notes:

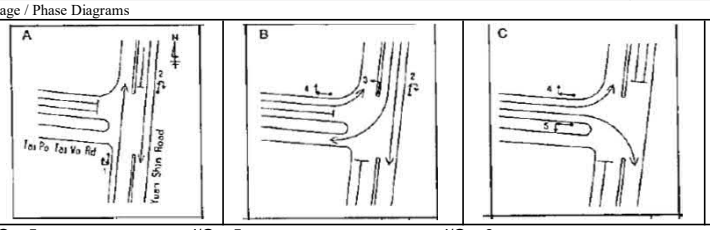
(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak



Stage	2,5	1,3,5	Stage	2,5	1,3,5
AM Peak Check Phase			PM Peak Check Phase		
ey	0.602	0.710	ey	0.472	0.585
L (sec)	10	13	L (sec)	10	13
C (sec)	104	104	C (sec)	96	96
y pract.	0.813	0.788	y pract.	0.806	0.778
R.C. (%)	35%	11%	R.C. (%)	71%	33%

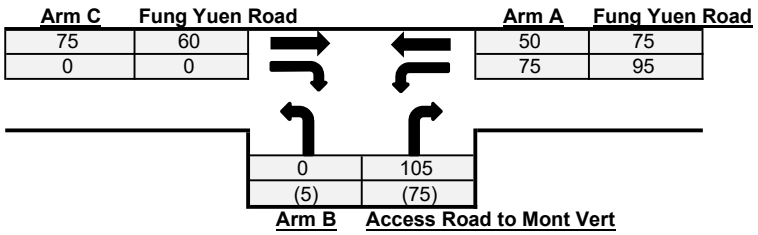
Stage / Phase Diagrams



I/G = 5 I/G = 5 I/G = 6

Priority Junction Calculation

Junction :	Fung Yuen Road / Access Road to Mont Vert (F)	Job No.:	25022HK
Scenario :	2033 REFERENCE TRAFFIC FLOWS		



AM	(PM)
(PM)	

The predictive equations of capacity of movement are:

Q-BA = D(627 + 14W-CR - Y(0.364q-AC + 0.144q-AB + 0.229q-CA + 0.52q-CB))
Q-BC = E(745 - Y(0.364q-AC + 0.144q-AB))
Q-CB = F(745 - 0.364Y(q-AC + q-AB))

The geometric parameters represented by D, E, F are:

D = (1 + 0.094(w-BA - 3.65))(1 + 0.0009(V-rBA - 120))(1 + 0.0006(V-IBA - 150))
E = (1 + 0.094(w-BC - 3.65))(1 + 0.0009(V-rBC - 120))
F = (1 + 0.094(w-CB - 3.65))(1 + 0.0009(V-rCB - 120))

where

Y = 1 - 0.0345W
q-AB, etc = the design flow of movement AB, etc
W = major road width
W-CR = central reserve width
w-BA, etc = lane width to vehicle
v-rBA, etc = visibility to the right for waiting vehicles in stream BA, etc
v-IBA = visibility to the left for waiting vehicles in stream BA, etc

Geometry :	**Input**						**Calculated**	
W	7	V-rBA	50	w-BA	4.7	D	0.968
W-CR	0	V-IBA	50	w-BC	4.7	E	1.029
C-B blocked C-A, residual width <2.5m? (Yes: 1, No: 0)	0	V-rBC	50	w-CB	3.4	F	0.915
Minor Road Share LT&RT? (Yes: 1, No: 0)	1	V-rCB	50			Y	0.759

Analysis :	**Traffic Flow pcu/hr**	**AM**	**PM**	**Capacity pcu/hr**	**AM**	**PM**	
	q-CA	75	60	Q-BA	573	567	
	q-CB	0	0	Q-BC	744	735	
	q-AB	75	95	Q-CB	650	639	
	q-AC	50	75	Q-CA	N/A	N/A	(If C-B blocked C-A)
	q-BA	105	75	Q-BAC	573	575	(If Minor Road Share LT&RT)
	q-BC	0	5				
	f	0.000	0.063				

Results :	**Ratio of Flow-to-Capacity**	**AM**	**PM**
	B-A	N/A	N/A
	B-C	N/A	N/A
	C-B	0.00	0.00
	C-A	N/A	N/A
	B-AC	0.18	0.14
	Critical DFC	**0.18**	**0.14**

CTA Consultants Ltd.

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction A - Ting Kok Road / Dai Fat Street**

Description: **2033 DESIGN TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right		AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Ting Kok Road	E	→	1	A,B	3.4	0.0	0	1	0%	0%	1955	4050	1603	3321	1603	3321	779	0.398	0.398	741	0.379	0.379
	E	↴	1	A,B	3.4	0.0	10	0	41%	21%	2095	0	1718	0	1718		786	0.398		769	0.379	
Dai Fat Street	N	↰	2	A	3.7	10.0	0	1	100%	100%	1980	4100	1624	3362	1624	3362	71	0.041		74	0.043	
	N	↰	2	A	3.7	12.5	0	0	100%	100%	2120	0	1738	0	1738	0	79	0.041		81	0.043	
Ting Kok Road	W	←	3	C	3.7	0.0	0	1	0%	0%	1980	4100	1624	3362	1624	3362	732	0.370	0.370	543	0.274	0.274
	W	←	3	C	3.7	0.0	0	0	0%	0%	2120	0	1738	0	1738	0	783	0.370		582	0.274	
Pedestrian crossing		↕	4	B		Min. Crossing Time = 5Gm + 7FGm =12s																
		↕	5	C		Min. Crossing Time = 6Gm + 7FGm =13s																
		↔	6	B,C		Min. Crossing Time = 10Gm + 7FGm =17s																

1,5 1,3 1,5 1,3

Notes:

(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak

1240(1345) →

325(165) ↴

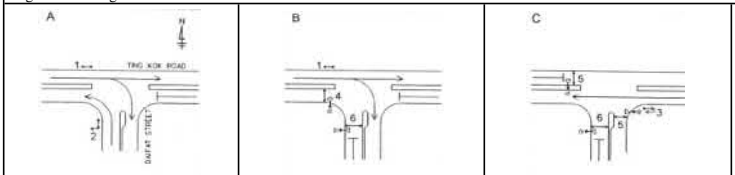
← 1515(1125)

↰ 150(155)

AM Peak Check Phase		
εy	0.398	0.768
L (sec)	25	10
C (sec)	104	104
y pract.	0.684	0.813
R.C. (%)	72%	6%

PM Peak Check Phase		
εy	0.379	0.653
L (sec)	25	10
C (sec)	96	96
y pract.	0.666	0.806
R.C. (%)	76%	23%

Stage / Phase Diagrams



I/G=6s I/G=6s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction A - Ting Kok Road / Dai Fat Street**

Description: **2033 DESIGN TRAFFIC FLOWS (Improvement)**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Site Factor	Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right			AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Ting Kok Road	E	→	A	1,2	3.3	0.0	0		1	0%	0%	1945	3196	1595	2621	3196	3196	755	0.388		819	0.421	0.421
	E	→	A	1,2	3.3	0.0	0	0.6	0	0%	0%	1251	0	1251	1251	0	0	485	0.388		526	0.421	
	E	↘	D	2	3.3	0.0	24		0	100%	100%	2085	2085	1960	1960	1960	1960	325	0.166	0.166	165	0.084	
Dai Fat Street	N	↰	B	2	3.5	22.0	0		1	100%	100%	1965	4070	1840	1840	3840	3840	72	0.039		74	0.040	
	N	↰	B	2	3.5	28.0	0		0	100%	100%	2105	0	2000	2000	0	0	78	0.039		81	0.040	
Ting Kok Road	W	←	C	1,3	3.5	0.0	0		1	0%	0%	1965	4070	1965	1965	4070	4070	731	0.372	0.372	543	0.276	
	W	←	C	1,3	3.5	0.0	0		0	0%	0%	2105	0	2105	2105	0	0	784	0.372		582	0.276	

Pedestrian crossing

⟷	Ep	1,3	Min. Crossing Time = 10Gm + 7FGm =17s
⟷	Fp	1,3	Min. Crossing Time = 10Gm + 8FGm =18s
↕	Gp	3	Min. Crossing Time = 5Gm + 7FGm =12s
↕	Hp	2	Min. Crossing Time = 5Gm + 6FGm =11s

Notes:

(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak

1240(1345) →

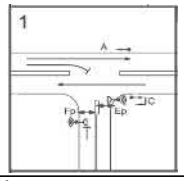
325(165) ↘

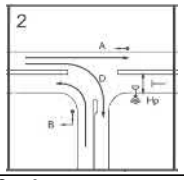
← 1515(1125)

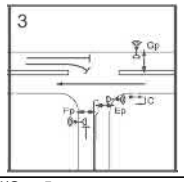
↰ 150(155)

Stage	12,3	13,2	Stage	12,3	13,2
AM Peak Check Phase			PM Peak Check Phase		
εy	0.388	0.538	εy	0.421	0.361
L (sec)	17	11	L (sec)	17	11
C (sec)	120	120	C (sec)	120	120
y pract.	0.773	0.818	y pract.	0.773	0.818
R.C. (%)	99%	52%	R.C. (%)	84%	127%

Stage / Phase Diagrams







AM:	I/G = 8s	I/G = 5s
PM: I/G = 3s		I/G = 3s + 12s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction B - Ting Kok Road / Fung Yuen Road**

Description: **2033 DESIGN TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m) Left	Radius (m) Right	Nearside 0/1	Pro. Turning (%) AM	Pro. Turning (%) PM	Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr) AM	Revised Saturation Flow (pcu/hr) PM	Total Revised Saturation Flow (pcu/hr) AM	Total Revised Saturation Flow (pcu/hr) PM	AM Peak Flow (pcu/hr)	AM Peak y Value	AM Peak Critical y	PM Peak Flow (pcu/hr)	PM Peak y Value	PM Peak Critical y
Ting Kok Road	E		1	A	3.5	15.0	0	1	31%	37%	1965	4070	1905	1895	4010	4000	848	0.445	0.445	843	0.445	0.445
	E		1	A	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	937	0.445		937	0.445	
Ting Kok Road	W		2	A,B	3.5	0.0	0	1	0%	0%	1965	3840	1965	1965	3830	3835	854	0.435		656	0.334	
	W		2	A,B	3.5	0.0	15	0	4%	4%	1875	0	1865	1870	0	0	811	0.435		624	0.334	
	W		3	B	GREEN TIME (Lost time for Stage 2 right turn) = 5s																	
Fung Yuen Road	S		4	C	3.8	10.0	0	1	100%	100%	1990	1990	1730	1730	1730	1730	35	0.020		35	0.020	
	S		4	C	3.8	0.0	20	0	100%	100%	2130	2130	1980	1980	1980	1980	345	0.174	0.174	265	0.134	0.134

Pedestrian crossing

5 D Min. Crossing Time = 8Gm + 8FGm = 16s

6 D Min. Crossing Time = 11Gm + 10FGm = 21s

Notes:

Traffic Flow (pcu / hr) AM(PM) Peak

345(265) 35(35)

260(310)

1525(1470)

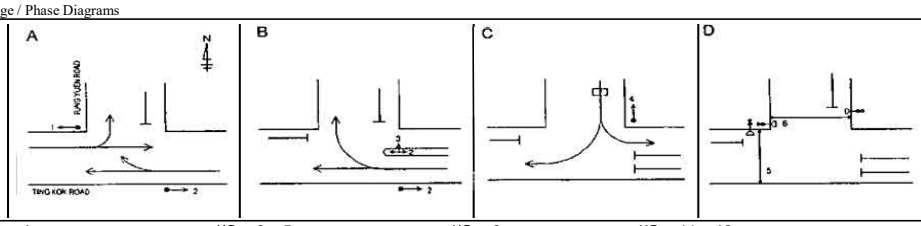
35(25)

1630(1255)

AM Peak Check Phase	1,3,4,6	1,3,4,5
εy	0.620	0.620
L (sec)	42	44
C (sec)	104	104
y pract.	0.537	0.519
R.C. (%)	-13%	-16%

PM Peak Check Phase	1,3,4,6	1,3,4,5
εy	0.579	0.579
L (sec)	42	44
C (sec)	96	96
y pract.	0.506	0.488
R.C. (%)	-13%	-16%

Stage / Phase Diagrams



I/G = 4s I/G = 6s+5s I/G = 6s I/G = 11s+16s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction B - Ting Kok Road / Fung Yuen Road**

Description: **2033 DESIGN TRAFFIC FLOWS (Improvement)**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right		AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Ting Kok Road	E		A	1	3.5	17.0	0	1	31%	37%	1965	4080	1915	1905	4030	4020	848	0.443	0.443	843	0.443	0.443
	E		A	1	3.6	0.0	0	0	0%	0%	2115	0	2115	2115	0	0	937	0.443		937	0.443	
Unnammed Access Road	E		C	2	3.3	15.0	0	1	100%	100%	1945	1945	1770	1770	1770	1770	35	0.020		35	0.020	
Exclusive Road	E		B	3	3.3	12.5	0	1	100%	100%	1945	1945	1735	1735	1735	1735	50	0.029		50	0.029	
Ting Kok Road	W		B	1,2	3.0	0.0	0	1	0%	0%	1915	3970	1915	1915	3970	3970	786	0.411		605	0.316	
	W		B	1,2	3.0	0.0	0	0	0%	0%	2055	0	2055	2055	0	0	844	0.411		650	0.316	
	W		B	2	3.0	0.0	19	0	100%	100%	2055	2055	1905	1905	1905	1905	35	0.018		25	0.013	
Fung Yuen Road	S		C	3	3.0	20.0	0	0	100%	100%	2055	4110	1910	1910	3820	3820	173	0.090		133	0.069	
	S		C	3	3.0	20.0	0	0	100%	100%	2055	0	1910	1910	0	0	173	0.090		133	0.069	

Pedestrian crossing

Dp Min. Crossing Time = 5Gm + 8FGm = 13s

Ep Min. Crossing Time = 5Gm + 9FGm = 14s

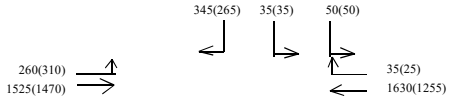
Fp Min. Crossing Time = 9 Gm + 8FGm = 17s

Gp Min. Crossing Time = 5Gm + 6FGM = 11s

Hp Min. Crossing Time = 5Gm + 5FGM = 10s

Notes:

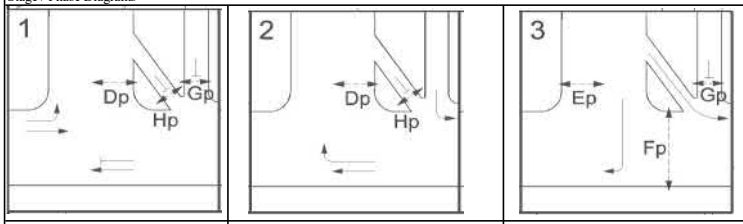
Traffic Flow (pcu / hr) AM(PM) Peak



AM Peak Check Phase	
εy	0.443
L (sec)	33
C (sec)	120
y pract.	0.653
R.C. (%)	47%

PM Peak Check Phase	
εy	0.443
L (sec)	33
C (sec)	120
y pract.	0.653
R.C. (%)	47%

Stage / Phase Diagrams



AM: I/G = 3s	AM: I/G = 5s+Min G 5s=10s	AM: I/G =3s+19s=22s
PM: I/G = 3s	PM: I/G = 5s+Min G 5s=10s	PM: I/G =3s+19s=22s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction C - Ting Kok Road / Yuen Shin Road / Dai Fuk Road**

Description: **2033 DESIGN TRAFFIC FLOWS**

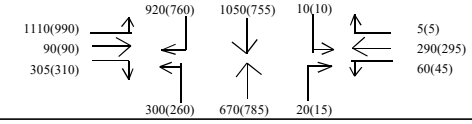
Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m) Left	Radius (m) Right	Nearside 0/1	Pro. Turning (%) AM	Pro. Turning (%) PM	Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr) AM	Revised Saturation Flow (pcu/hr) PM	Total Revised Saturation Flow (pcu/hr) AM	Total Revised Saturation Flow (pcu/hr) PM	AM Peak Flow (pcu/hr)	AM Peak y Value	AM Peak Critical y	PM Peak Flow (pcu/hr)	PM Peak y Value	PM Peak Critical y
Ting Kok Road	S		1	A	3.6	12.5	0	1	2%	3%	1975	4090	1970	1970	4085	4085	511	0.260		369	0.187	
	S		1	A	3.6	0.0	0	0	0%	0%	2115	0	2115	2115	0	0	549	0.259		396	0.187	
	S		1	A	3.6	0.0	25	0	100%	100%	2115	4230	1995	1995	4000	4000	459	0.230	0.260	379	0.190	0.190
	S		1	A	3.6	0.0	27.5	0	100%	100%	2115	0	2005	2005	0	0	461	0.230		381	0.190	
Ting Kok Road	E		2	A,B	3.5	15.0	0	1	100%	100%	1965	4070	1785	1785	3725	3725	532	0.298		474	0.266	
	E		2	A,B	3.5	17.5	0	0	100%	100%	2105	0	1940	1940	0	0	578	0.298		516	0.266	
	E		3	B	3.5	0.0	0	0	0%	0%	2105	2105	2105	2105	2105	2105	90	0.043		90	0.043	
	E		3	B	3.5	0.0	32.5	0	100%	100%	2105	2105	2010	2010	2010	2010	305	0.152	0.152	310	0.154	0.154
Yuen Shin Road	N		4	B,C	3.5	15.0	0	1	100%	100%	1965	1965	1785	1785	1785	1785	300	0.168		260	0.146	
	N		5	C	3.5	0.0	0	0	0%	0%	2105	6315	2105	2105	6315	6315	223	0.106	0.106	262	0.124	0.124
	N		5	C	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	223	0.106		262	0.124	
	N		5	C	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	223	0.106		262	0.124	
	N		5	C	3.5	0.0	25	0	100%	100%	2105	2105	1985	1985	1985	1985	20	0.010		15	0.008	
Dai Fuk Road	W		6	D	3.7	0.0	22.5	0	3%	3%	2120	0	2115	2115	0	0	187	0.088		181	0.085	
	W		6	D	3.7	15.0	0	1	36%	27%	1980	4100	1910	1925	4025	4040	168	0.088		164	0.085	
Pedestrian crossing			7	A,B,C		Min. Crossing Time = 9Gm + 7FGm =16s																
			8	D		Min. Crossing Time = 5Gm + 10FGm =15s																

Stage	1,3,5,6	1,3,5,8		1,3,5,6	1,3,5,8
AM Peak Check Phase			PM Peak Check Phase		
εy	0.606	0.517	εy	0.554	0.469
L (sec)	25	40	L (sec)	25	40
C (sec)	104	104	C (sec)	96	96
y pract.	0.684	0.554	y pract.	0.666	0.525
R.C. (%)	13%	7%	R.C. (%)	20%	12%

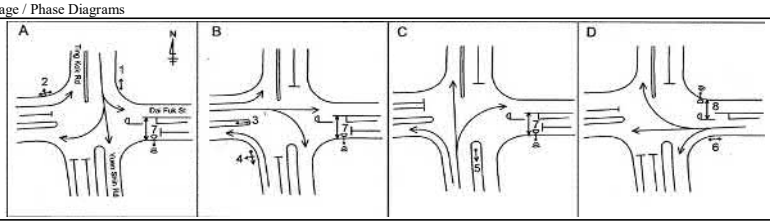
Notes:

(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak



Stage / Phase Diagrams



I/G = 2s I/G = 7s I/G = 8s I/G = 11s + 15s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction C - Ting Kok Road / Yuen Shin Road / Dai Fuk Road**

Description: **2033 DESIGN TRAFFIC FLOWS (Improvement)**

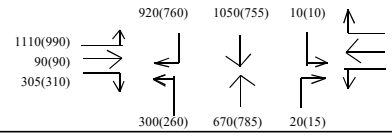
Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m) Left	Radius (m) Right	Nearside 0/1	Pro. Turning (%) AM	Pro. Turning (%) PM	Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr) AM	Revised Saturation Flow (pcu/hr) PM	Total Revised Saturation Flow (pcu/hr) AM	Total Revised Saturation Flow (pcu/hr) PM	AM Peak Flow (pcu/hr)	AM Peak y Value	AM Peak Critical y	PM Peak Flow (pcu/hr)	PM Peak y Value	PM Peak Critical y
Ting Kok Road	S		1	A	3.8	15.0	0	1	2%	3%	1995	8400	1990	1990	7960	7945	495	0.249		369	0.185	
	S		1	A	3.8	0.0	0	0	0%	0%	2135	0	2135	2135	0	0	531	0.249		396	0.185	
	S		1	A	3.8	0.0	13.5	0	93%	100%	2135	0	1935	1920	0	0	481	0.249		382	0.199	
	S		1	A	3.8	0.0	12	0	100%	100%	2135	0	1900	1900	0	0	473	0.249	0.249	378	0.199	0.199
Ting Kok Road	E		1,2	A,B	3.5	20.0	0	1	100%	100%	1965	4070	1830	1830	3815	3815	532	0.291		475	0.260	
	E		1,2	A,B	3.5	25.0	0	0	100%	100%	2105	0	1985	1985	0	0	578	0.291		515	0.260	
	E		2	B	2.6	0.0	0	0	0%	0%	2015	2015	2015	2015	2015	2015	90	0.045		90	0.045	
	E		2	B	3.5	0.0	35	0	100%	100%	2105	4210	2020	2020	4045	4045	152	0.075	0.075	155	0.077	0.077
	E		2	B	3.5	0.0	38.5	0	100%	100%	2105	0	2025	2025	0	0	153	0.075		155	0.077	
Yuen Shin Road	N		2,3	B,C	3.5	23.8	0	1	100%	100%	1965	1965	1850	1850	1850	1850	300	0.162		260	0.141	
	N		3	C	3.5	0.0	0	0	0%	0%	2105	6315	2105	2105	6315	6315	223	0.106	0.106	262	0.124	0.124
	N		3	C	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	223	0.106		262	0.124	
	N		3	C	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	223	0.106		262	0.124	
	N		3	C	3.5	0.0	32	0	100%	100%	2105	2105	2010	2010	2010	2010	20	0.010		15	0.007	
Dai Fuk Road	W		4	D	3.5	15.0	0	1	36%	27%	1965	4070	1895	1915	3995	4015	169	0.089	0.089	164	0.086	0.086
	W		4	D	3.5	0.0	15	0	3%	3%	2105	0	2100	2100	0	0	186	0.089		181	0.086	
Pedestrian crossing			7	A,B,C		Min. Crossing Time = 5Gm + 6FGm =11s																
			8	D		Min. Crossing Time = 5Gm + 8FGm =13s																

Stage A,B,C,D A,B,C,Dp A,B,C,D A,B,C,Dp

Notes:

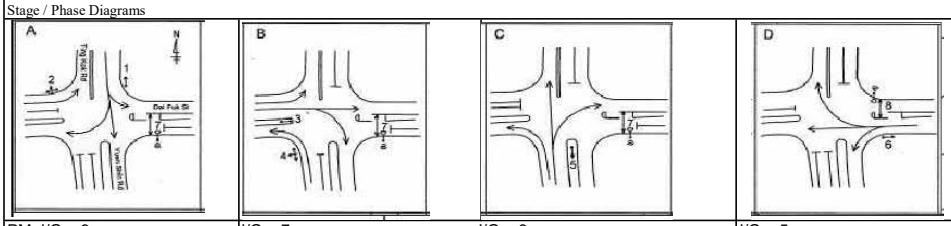
(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak



AM Peak Check Phase			PM Peak Check Phase		
εy	0.519	0.430	εy	0.486	0.400
L (sec)	25	38	L (sec)	25	38
C (sec)	120	120	C (sec)	120	120
y pract.	0.713	0.615	y pract.	0.713	0.615
R.C. (%)	37%	43%	R.C. (%)	47%	54%

Stage / Phase Diagrams



A	B	C	D
PM: I/G = 9s	I/G = 7s	I/G = 8s	I/G = 5s
AM: I/G = 9s	I/G = 7s	I/G = 8s	I/G = 5s

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction D - Yuen Shin Road / Dai Fat Street**

Description: **2033 DESIGN TRAFFIC FLOWS**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m) Left	Radius (m) Right	Nearside 0/1	Pro. Turning (%) AM	Pro. Turning (%) PM	Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr) AM	Revised Saturation Flow (pcu/hr) PM	Total Revised Saturation Flow (pcu/hr) AM	Total Revised Saturation Flow (pcu/hr) PM	AM Peak Flow (pcu/hr)	AM Peak y Value	AM Peak Critical y	PM Peak Flow (pcu/hr)	PM Peak y Value	PM Peak Critical y
Yuen Shin Road	S		2	B	3.3	15.0	0	1	7%	9%	1945	4030	1930	1925	4015	4010	680	0.353	0.353	533	0.277	0.277
	S		2	B	3.3	0.0	0	0	0%	0%	2085	0	2085	2085	0	0	735	0.352		577	0.277	
Yuen Shin Road	N		1	A	3.5	0.0	0	1	0%	0%	1965	6175	1965	1965	5965	6030	647	0.330	0.330	514	0.262	0.262
	N		1	A	3.5	0.0	22.5	0	49%	0%	2105	0	2040	2105	0	0	672	0.329		551	0.262	
	N		1	A	3.5	0.0	20	0	100%	100%	2105	0	1960	1960	0	0	646	0.330		375	0.191	
Dai Fat Street	W		3	A	3.8	20.0	0	1	100%	100%	1990	4120	1850	1850	3845	3845	330	0.178		334	0.181	
	W		3	A	3.8	22.5	0	0	100%	100%	2130	0	1995	1995	0	0	355	0.178		361	0.181	

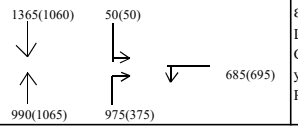
Pedestrian crossing

4	B,C	Min. Crossing Time = 5Gm + 6FGm =11s
5	C	Min. Crossing Time = 5Gm + 8FGm =13s
6	A,C	Min. Crossing Time = 5Gm + 6FGm =11s
7	B,C	Min. Crossing Time = 5Gm + 7FGm =12s

Notes:

(Nil)

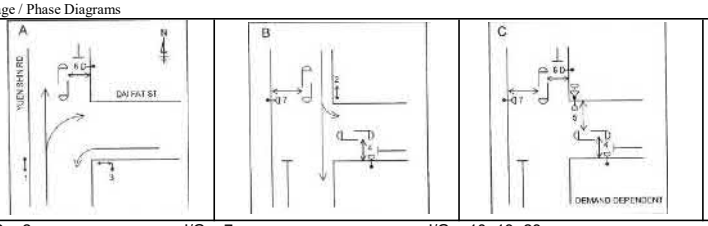
Traffic Flow (pcu / hr) AM(PM) Peak



AM Peak Check Phase	3,2,5	1,2,5
εy	0.531	0.682
L (sec)	31	29
C (sec)	104	104
y pract.	0.632	0.649
R.C. (%)	19%	-5%

PM Peak Check Phase	3,2,5	1,2,5
εy	0.458	0.539
L (sec)	31	29
C (sec)	96	96
y pract.	0.609	0.628
R.C. (%)	33%	17%

Stage / Phase Diagrams



I/G = 2 I/G = 7 I/G = 10+13=23

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction D - Yuen Shin Road / Dai Fat Street**

Description: **2033 DESIGN TRAFFIC FLOWS (Improvement)**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right		AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Yuen Shin Road	S		2	B	3.3	10.0	0	1	11%	14%	1945	6115	1915	1905	6085	6075	445	0.232	0.233	348	0.183	0.183
	S		2	B	3.3	0.0	0	0	0%	0%	2085	0	2085	2085	0	0	485	0.233		381	0.183	
	S		2	B	3.3	0.0	0	0	0%	0%	2085	0	2085	2085	0	0	485	0.233		381	0.183	
Yuen Shin Road	N		1	A	3.3	0.0	0	1	0%	0%	1945	6115	1945	1945	5910	5935	610	0.314	0.315	530	0.272	0.272
	N		1	A	3.3	0.0	13	0	-26%	-35%	2085	0	2150	2175	0	0	651	0.303		565	0.260	
	N		1	A	3.3	0.0	10	0	100%	100%	2085	0	1815	1815	0	0	572	0.315		288	0.159	
	N		1	A	3.3	0.0	10	0	100%	100%	2085	0	1815	1815	0	0	572	0.315		287	0.158	
Dai Fat Street	W		3	A	3.8	20.0	0	1	100%	100%	1990	4120	1850	1850	3845	3845	330	0.178		334	0.181	
	W		3	A	3.8	22.5	0	0	100%	100%	2130	0	1995	1995	0	0	355	0.178		361	0.181	

Pedestrian crossing

4	B,C	Min. Crossing Time = 5Gm + 9FGm = 14s
5	C	Min. Crossing Time = 5Gm + 9FGm = 14s
6	A,C	Min. Crossing Time = 5Gm + 9FGm = 14s
7	B,C	Min. Crossing Time = 5Gm + 8FGm =13s

Notes:

(Nil)

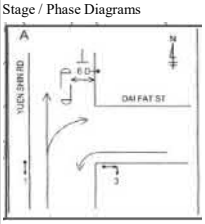
Traffic Flow (pcu / hr) AM(PM) Peak

1365(1060) 50(50) 685(695) 990(1065) 975(375)

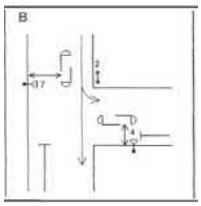
AM Peak Check Phase	
εy	0.548
L (sec)	31
C (sec)	120
y pract.	0.668
R.C. (%)	22%

PM Peak Check Phase	
εy	0.455
L (sec)	31
C (sec)	120
y pract.	0.668
R.C. (%)	47%

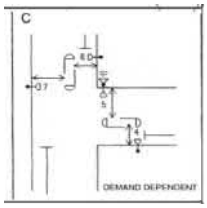
Stage / Phase Diagrams



I/G = 2



I/G = 7



I/G =10+14=24

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction E - Tai Po Tai Wo Road / Yuen Shin Road**

Description: **2033 DESIGN TRAFFIC FLOWS**

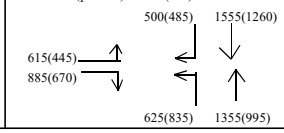
Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right		AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Yuen Shin Road	S	↓	2	A,B	3.3	0	0	1	0%	0%	1945	4030	1945	1945	4030	4030	750	0.386		608	0.313	
	S	↓	2	A,B	3.3	0	0	0	0%	0%	2085	0	2085	2085	0	0	805	0.386		652	0.313	
	S	↲	3	B	3.3	0	15	0	100%	100%	2085	2085	1895	1895	1895	1895	500	0.264	0.264	485	0.256	0.256
Tai Po Tai Wo Road	E	↰↑	4	B,C	3.3	15	0	1	100%	100%	1945	1945	1770	1770	1770	1770	615	0.347		445	0.251	
	E	↱↓	5	C	3.3	0	20	0	100%	100%	2085	4170	1940	1940	3835	3835	448	0.231	0.231	339	0.175	0.175
	E	↱↓	5	C	3.3	0	15	0	100%	100%	2085	0	1895	1895	0	0	437	0.231		331	0.175	
Yuen Shin Road	N	↑	1	A	3.3	0	0	1	0%	0%	1945	6115	1945	1945	6115	6115	431	0.222	0.222	316	0.163	0.163
	N	↑	1	A	3.3	0	0	0	0%	0%	2085	0	2085	2085	0	0	462	0.222		339	0.163	
	N	↑	1	A	3.3	0	0	0	0%	0%	2085	0	2085	2085	0	0	462	0.222		339	0.163	

Stage	2,5	1,3,5	Stage	2,5	1,3,5
AM Peak Check Phase			PM Peak Check Phase		
ey	0.617	0.716	ey	0.487	0.593
L (sec)	10	13	L (sec)	10	13
C (sec)	104	104	C (sec)	96	96
y pract.	0.813	0.788	y pract.	0.806	0.778
R.C. (%)	32%	10%	R.C. (%)	65%	31%

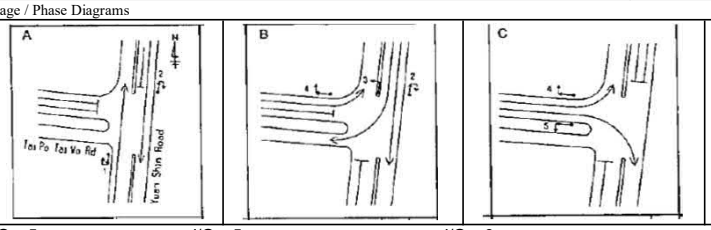
Notes:

(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak



Stage / Phase Diagrams



I/G = 5 I/G = 5 I/G = 6

TRAFFIC SIGNALS CALCULATION Job No: 25022HK **CTA Consultants Ltd.**

Junction: **Junction E - Tai Po Tai Wo Road / Yuen Shin Road**

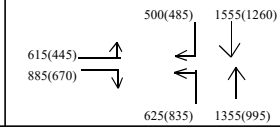
Description: **2033 DESIGN TRAFFIC FLOWS (Improvement)**

Approach	Direction	Movement notation	Phase	Stage	Width (m)	Radius (m)		Nearside 0/1	Pro. Turning (%)		Saturation Flow (pcu/hr)	Total Saturation Flow (pcu/hr)	Revised Saturation Flow (pcu/hr)		Total Revised Saturation Flow (pcu/hr)		AM Peak			PM Peak		
						Left	Right		AM	PM			AM	PM	AM	PM	Flow (pcu/hr)	y Value	Critical y	Flow (pcu/hr)	y Value	Critical y
Yuen Shin Road	S	↓	2	A,B	3.5	0.0	0	1	0%	0%	1965	4070	1965	1965	4070	4070	751	0.382		608	0.310	
	S	↓	2	A,B	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	804	0.382		652	0.310	
	S	↲	3	B	3.5	0.0	32	0	100%	100%	2105	2105	2010	2010	2010	2010	500	0.249	0.249	485	0.241	0.241
Tai Po Tai Wo Road	E	↰	4	B,C	3.5	24.0	0	1	100%	100%	1965	1965	1850	1850	1850	1850	615	0.332		445	0.241	
	E	↳	5	C	3.5	0.0	16	0	100%	100%	2105	6315	1925	1925	5695	5695	299	0.155	0.155	226	0.118	0.118
	E	↳	5	C	3.5	0.0	14	0	100%	100%	2105	0	1900	1900	0	0	295	0.155		224	0.118	
	E	↳	5	C	3.5	0.0	12	0	100%	100%	2105	0	1870	1870	0	0	291	0.155		220	0.118	
Yuen Shin Road	N	↑	1	A	3.5	0.0	0	1	0%	0%	1965	6175	1965	1965	6175	6175	431	0.219	0.219	317	0.161	0.161
	N	↑	1	A	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	462	0.219		339	0.161	
	N	↑	1	A	3.5	0.0	0	0	0%	0%	2105	0	2105	2105	0	0	462	0.219		339	0.161	

Notes:

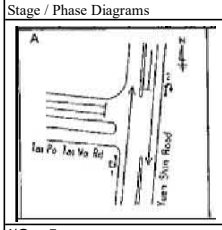
(Nil)

Traffic Flow (pcu / hr) AM(PM) Peak

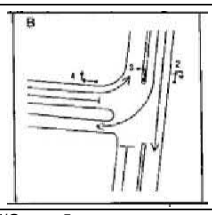


Stage	A,B,C	A,BC	Stage	A,B,C	A,BC
AM Peak Check Phase			PM Peak Check Phase		
εy	0.624	0.552	εy	0.520	0.402
L (sec)	13	10	L (sec)	13	10
C (sec)	120	120	C (sec)	120	120
y pract.	0.803	0.825	y pract.	0.803	0.825
R.C. (%)	29%	49%	R.C. (%)	54%	105%

Stage / Phase Diagrams



I/G = 5



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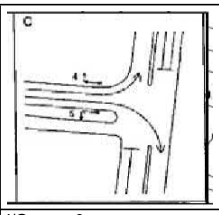
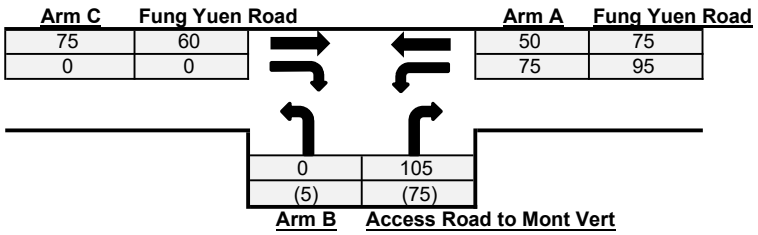


I/G = 6

Priority Junction Calculation

Junction :	Fung Yuen Road / Access Road to Mont Vert (F)	Job No.:	25022HK
Scenario :	2033 DESIGN TRAFFIC FLOWS		



AM	(PM)
(PM)	

The predictive equations of capacity of movement are:

Q-BA = D(627 + 14W-CR - Y(0.364q-AC + 0.144q-AB + 0.229q-CA + 0.52q-CB))
Q-BC = E(745 - Y(0.364q-AC + 0.144q-AB))
Q-CB = F(745 - 0.364Y(q-AC + q-AB))

The geometric parameters represented by D, E, F are:

D = (1 + 0.094(w-BA - 3.65))(1 + 0.0009(V-rBA - 120))(1 + 0.0006(V-IBA - 150))
E = (1 + 0.094(w-BC - 3.65))(1 + 0.0009(V-rBC - 120))
F = (1 + 0.094(w-CB - 3.65))(1 + 0.0009(V-rCB - 120))

where

Y = 1 - 0.0345W
q-AB, etc = the design flow of movement AB, etc
W = major road width
W-CR = central reserve width
w-BA, etc = lane width to vehicle
v-rBA, etc = visibility to the right for waiting vehicles in stream BA, etc
v-IBA = visibility to the left for waiting vehicles in stream BA, etc

Geometry :	**Input**						**Calculated**	
W	7	V-rBA	50	w-BA	4.7	D	0.968
W-CR	0	V-IBA	50	w-BC	4.7	E	1.029
C-B blocked C-A, residual width <2.5m? (Yes: 1, No: 0)	0	V-rBC	50	w-CB	3.4	F	0.915
Minor Road Share LT&RT? (Yes: 1, No: 0)	1	V-rCB	50			Y	0.759

Analysis :	**Traffic Flow pcu/hr**	**AM**	**PM**	**Capacity pcu/hr**	**AM**	**PM**	
	q-CA	75	60	Q-BA	573	567	
	q-CB	0	0	Q-BC	744	735	
	q-AB	75	95	Q-CB	650	639	
	q-AC	50	75	Q-CA	N/A	N/A	(If C-B blocked C-A)
	q-BA	105	75	Q-BAC	573	575	(If Minor Road Share LT&RT)
	q-BC	0	5				
	f	0.000	0.063				

Results :	**Ratio of Flow-to-Capacity**	**AM**	**PM**
	B-A	N/A	N/A
	B-C	N/A	N/A
	C-B	0.00	0.00
	C-A	N/A	N/A
	B-AC	0.18	0.14
	Critical DFC	**0.18**	**0.14**

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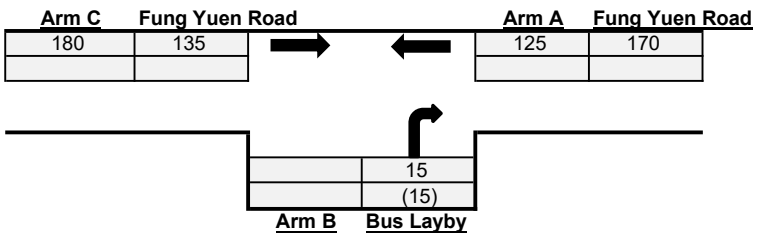
Priority Junction Calculation

Junction :	Future Junction at Fung Yuen Road / Bus Layby (G)	Job No.:	25022HK
Scenario :	2033 DESIGN TRAFFIC FLOWS		



AM	(PM)
(PM)	

The predictive equations of capacity of movement are:

Q-BA = D(627 + 14W-CR - Y(0.364q-AC + 0.144q-AB + 0.229q-CA + 0.52q-CB))
Q-BC = E(745 - Y(0.364q-AC + 0.144q-AB))
Q-CB = F(745 - 0.364Y(q-AC + q-AB))

The geometric parameters represented by D, E, F are:

D = (1 + 0.094(w-BA - 3.65))(1 + 0.0009(V-rBA - 120))(1 + 0.0006(V-IBA - 150))
E = (1 + 0.094(w-BC - 3.65))(1 + 0.0009(V-rBC - 120))
F = (1 + 0.094(w-CB - 3.65))(1 + 0.0009(V-rCB - 120))

where

Y = 1 - 0.0345W
q-AB, etc = the design flow of movement AB, etc
W = major road width
W-CR = central reserve width
w-BA, etc = lane width to vehicle
v-rBA, etc = visibility to the right for waiting vehicles in stream BA, etc
v-IBA = visibility to the left for waiting vehicles in stream BA, etc

Geometry :	**Input**						**Calculated**	
W	7.3	V-rBA	50	w-BA	4.7	D	0.968
W-CR	0	V-IBA	50	w-BC	4.7	E	1.029
C-B blocked C-A, residual width <2.5m? (Yes: 1, No: 0)	0	V-rBC	50	w-CB	3.65	F	0.937
Minor Road Share LT&RT? (Yes: 1, No: 0)	1	V-rCB	50			Y	0.748

Analysis :	**Traffic Flow pcu/hr**	**AM**	**PM**	**Capacity pcu/hr**	**AM**	**PM**	
	q-CA	180	135	Q-BA	544	540	
	q-CB	0	0	Q-BC	732	719	
	q-AB	0	0	Q-CB	666	655	
	q-AC	125	170	Q-CA	N/A	N/A	(If C-B blocked C-A)
	q-BA	15	15	Q-BAC	544	540	(If Minor Road Share LT&RT)
	q-BC	0	0				
	f	0.000	0.000				

Results :	**Ratio of Flow-to-Capacity**	**AM**	**PM**
	B-A	N/A	N/A
	B-C	N/A	N/A
	C-B	0.00	0.00
	C-A	N/A	N/A
	B-AC	0.03	0.03
	Critical DFC	**0.03**	**0.03**

CTA Consultants Ltd.

Appendix 2

Visual Impact Assessment

S.12A PLANNING APPLICATION FOR AMENDMENT OF PLAN
DRAFT TAI PO OUTLINE ZONING PLAN NO. S/TP/31

Proposed Residential Development(s) with Retail,
Public Vehicle Park and Social Welfare Facilities
Various Lots in D.D. 11 and Adjoining Government Land,
Fung Yuen, Tai Po, New Territories

VISUAL IMPACT ASSESSMENT

September 2025

Applicant:
Fantastic State Limited

Prepared by:
KTA Planning Limited

PLANNING LIMITED
規劃顧問有限公司

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S.12A PLANNING APPLICATION FOR AMENDMENT OF PLAN
DRAFT TAI PO OUTLINE ZONING PLAN NO. S/TP/31

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities
Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Visual Impact Assessment

1 INTRODUCTION

1.1 Purpose

1.1.1 This Visual Impact Assessment ("VIA") is prepared and submitted on behalf of Fantastic State Limited ("the Applicant") to seek approval form the Town Planning Board ("TPB") for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP) to enable the Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities ("the Proposed Development") at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories ("the Development Site") (**Figure 1.1** refers). The Development Site consists of two areas: Area (A) and Area (B).

1.1.2 Area (A) comprises two phases: i) Phase I Development includes the six residential towers with domestic gross floor area ("GFA") of 91,390m^2 (equivalent to a domestic plot ratio ("PR") of 3.44) and building heights of 24 - 29 storeys (excluding 3 levels of basement); a 3-storey clubhouse; and a 2-storey standalone building block (consisting of a public vehicle park with retail facilities at 1/F); and ii) Phase II Development, which includes one residential tower with domestic GFA of 18,187m^2 (equivalent to a domestic PR of 3.44) and building heights of 30 storeys. Area (B) comprises social welfare facilities [including a 150-place Residential Care Home for the Elderly ("RCHE") cum 30-place Day Care Unit ("DCU")] in an 8-storey social welfare complex with a total GFA of about 4,782m^2.

1.1.3 The Applicant submitted an s.12A Planning Application (No. Y/TP/38) to TPB in 2022 to rezone the current western portion of the "CDA(1)" zone to "R(B)13" zone to enable a proposed residential development with retail facilities and public vehicle park, and a relaxation of the maximum building height restriction of the "G/IC" zone from 2 storeys to 8 storeys to the south of the "CDA(1)" zone for a proposed 8-storey Social Welfare Complex. While tremendous effort has been put to address and resolve the comments from Planning Department and relevant Government departments during circulation of the application, it is noted that majority of the Government departments

have no further adverse comment on the technical assessments attached to Application No. Y/TP/38 since almost 3 years efforts being put by the Applicant & consultancy team.

1.1.4 Taking into account comments received from relevant Government departments and in order to achieve a wholistic planning scheme for the entire "CDA(1)" zone, the Applicant has put forward to include the CDA(1) Future Phase proposed in Application No. Y/TP/38 into the Development Site of this Application. The Proposed Development Proposal in this Application is largely the same as that under Application No. Y/TP/38. The Development Site of this Application is solely formed by the previous development sites, i.e. Area (A), Area(B) and the "CDA(1)" Future Phase. The total GFA, PR, building height, no. of units and estimated population of the Development Proposal is almost exactly the same as that under Application No. Y/TP/38.

1.1.5 This VIA evaluates, in accordance with the "*Town Planning Board Guidelines on Submission of Visual Impact Assessment for Planning Applications to TPB*" ("TPB PG-NO.41"), the anticipated visual impacts of the Proposed Development on public viewers relevant to the Development Site and concludes with recommendation on mitigation measures if necessary.

1.2 Report Structure

1.2.1 Following this introductory section, the methodology adopted in this assessment will be set out in **Section 2**. The baseline review of the assessment area is included in **Section 3**. **Section 4** includes the Indicative Development Proposal and discussion on the sensitive design measures. Visual envelope and representative viewing points will be identified and analysed in **Section 5**, followed by assessment of the visual impacts, if any in **Section 6**. **Section 7** concludes this Visual Impact Assessment

2 METHODOLOGY

2.1 Visual Impact Assessment Approach

2.1.1 This VIA evaluate the potential visual impact of the Proposed Development on the public viewers.

2.1.2 According to TPB PG-No. 41, the visual impact shall be assessed based on i) the sensitivity of key public viewers; ii) the degree of visual resources and visual amenities likely to be affected; iii) the magnitude, extent and duration of impact and any resultant improvement or degradation in the visual quality and character of the surrounding area; and iv) the planning intention and known planned developments of the area.

2.1.3 The visual impact could be either beneficial or adverse. The visual sensitivity of public viewers is determined taking into account the activity of the viewers, the duration and distance over which the proposed development would remain visual, and the public perception of the value attached to the views being assessed. It is typically graded as high, medium or low.

2.1.4 Visual changes caused by the Proposed Development could be positive or negative and they are not necessarily mutually exclusive. In considering the effect of visual changes, it covers the following four aspects:

- the total effect on the **Visual Composition** of the surrounding context;
- the degree of **Visual Obstruction** to key public viewing points;
- the **Effect on Visual Resources**; and
- the visual **Effect on Public Viewers** (perception of value of views and magnitude in change

2.1.5 The magnitude of visual changes will be qualitatively graded as Substantial, Moderate, Slight or Negligible. The resultant overall impact will be concluded as enhanced, partly enhanced/partly adverse, negligible, slightly adverse, moderately adverse and significantly adverse.

2.1.6 The VIA will be undertaken in the following steps:

- A baseline review will be conducted to capture the existing visual elements in the surrounding area and the planning context of the Development Site.
- The Proposed Development at the Development Site will be briefly presented.
- The Visual Envelope (“VE”) will be determined and appropriate public viewpoints (“VPs”) to represent the view from public viewers will be identified.
- Each VP and the potential visual impact of the Proposed Development on the viewers will be analysed against the planned and committed context based on the photomontages prepared for the selected VPs.
- The overall visual impact will be assessed with conclusion on the visual acceptability of the Proposed Development.

3 BASELINE REVIEW

3.1 Site Location and Existing Condition

3.1.1 The Development Site is located at Fung Yuen, which is at the northeastern fringe of Tai Po New Town and approximately 1km away from Tai Po Central. Fung Yuen has a valley topography surrounded by hills at its north, east and west, with Tolo Harbour at its southeast (**Figure 3.1** refers). Fung Yuen Road is situated to the immediate east of the Development Site. To the north is the existing high-rise residential development, named Mont Vert. To the southeast across Ting Kok Road is the Tai Po InnoPark. To the west are Tai Po Hospital and high-rise public housing development Fu Tip Estate (**Figure 3.2** refers).

3.1.2 The Development Site consists of two areas: Area (A) and Area (B), and both areas are comprised of various lots in D.D. 11 and adjoining Government land. Area (A) slopes down very gently towards the south from approximately +12.6mPD to +4.8mPD. It is mainly covered with vegetation and occupied by local village tracks, few structures and a watercourse running in a north-south direction. At present, the Tin Sam Sewage Pumping Station occupies in the southern part of Area (B), and the remaining area is largely vacant, covered with vegetation and a watercourse (**Figures 3.3** refers).

3.2 Surrounding Land Uses

3.2.1 The Development Site is primarily intermingled with high-rise residential development, village houses and agricultural land in its immediate surroundings. Village type developments include Fung Mei Wai in the west, Tin Sam Village in the east across Fung Yuen Road, Lau Hang Village in the north and, Mak Uk Village and Fung Yuen Lo Tsuen in the further northeast. With the presence of Mont Vert to the north and Fu Tip Estate to the west, the area has been dominated by high-rise residential developments with building height ranging from about +78mPD to +143mPD (**Figure 3.2** refers).

3.2.2 The visual outlook of an area is shaped by a combined composition of all the visual elements which come into sight of the viewers. Key visual elements in the surrounding context of the Development Site are included in **Figure 3.4** and summarised below:

Positive Attributes

- To the immediate west, north and east (across Fung Yuen Road) of the Development Site are predominantly agricultural land and village type developments of 3 storeys in height. The low-rise developments in the immediate neighbourhood provide visual permeability and openness between the Development Site and the high-rise residential developments, known as Mont Vert, to its further north.

- Green knolls with maximum heights reaching about +65.5mPD, which fall within a densely vegetated Green Belt ("GB") area, is located to the west of the Development Site. The green belt area provides visual relief and separates Fung Yuen Valley and the developments in the north of the Tai Po New Town, such as Fu Tip Estate and some institutional uses including Hong Chi Pinehilll Village, Alice Ho Miu Ling Nethersole Hospital and Tai Po Hospital.

- Fung Yuen Butterfly Reserve, which zoned "SSSI", is located at the northern part of Fung Yuen Valley.

- With its back facing Cloudy Hill and Pat Sin Leng Country Park, Fung Yuen Valley has a green mountainous backdrop.

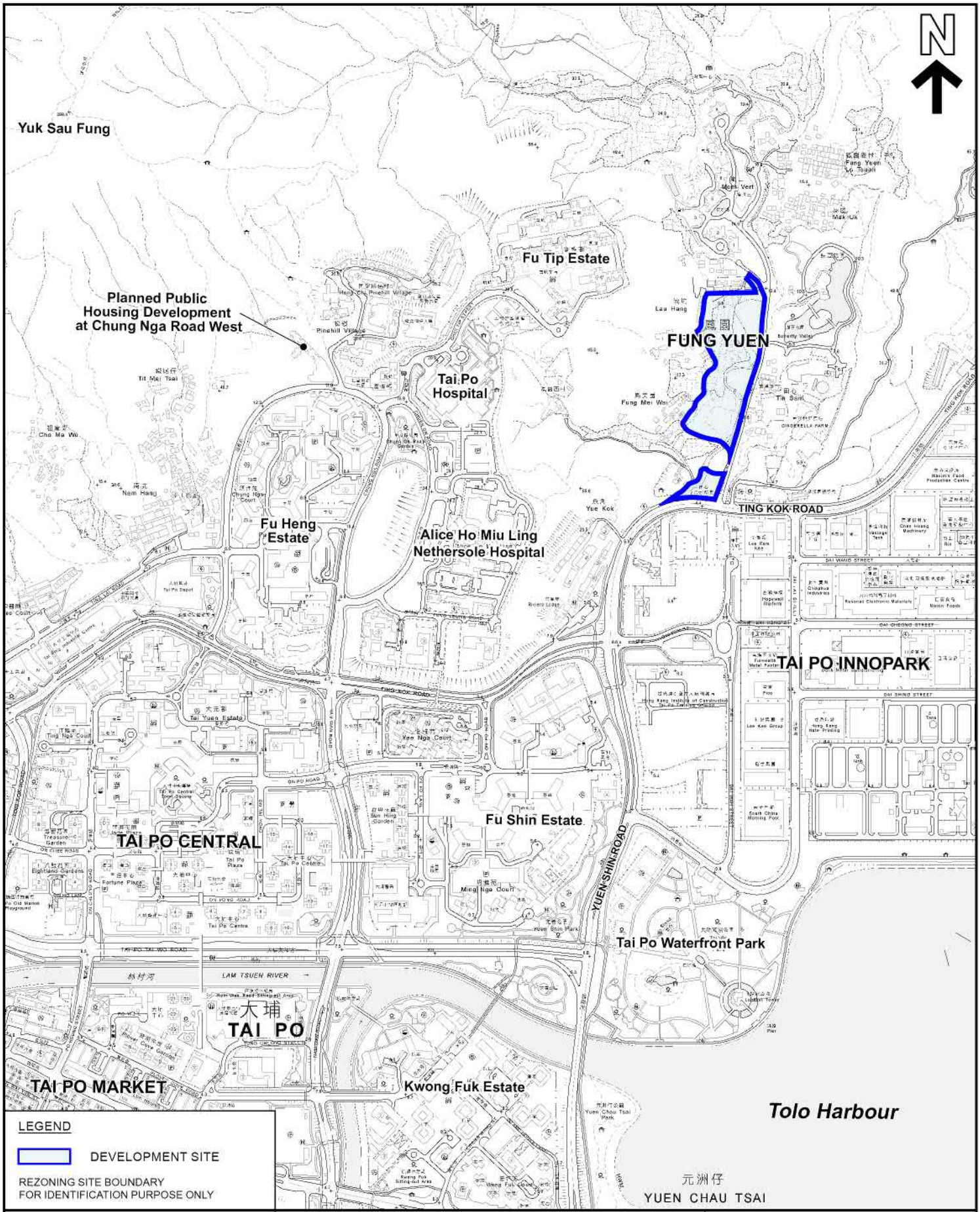
- The nearest district open space, Tai Po Waterfront Park, is located about 1km away from the Development Site in the south that contributes to the visual openness of the waterfront of the Tai Po New Town.

- To the southeast of the Development Site at the junction of Ting Kok Road and Fung Yuen Road, there are a few low-rise "Government, Institution and Community" ("G/IC") buildings/uses, such as Fung Yuen Playground and the site occupied by Society of Horticulture.

Negative Attributes

- The existing high-rise private residential development of Mont Vert (about +102mPD), public housing development of Fu Tip Estate (about +143mPD) and the planned public housing development at Chung Nga Road West (about +172mPD) offer limited visual permeability and visual interest to the Development Site.

- To the south and southeast of the Development Site beyond Ting Kok Road are bus depots, Construction Industry Council Tai Po Training Ground as well as the 75-hectare Tai Po InnoPark. There are presence of chimneys, industrial plants, dull industrial blocks and warehouses within the industrial estate with minimal visual interest.



PLANNING LIMITED
規劃顧問有限公司

LOCATION PLAN

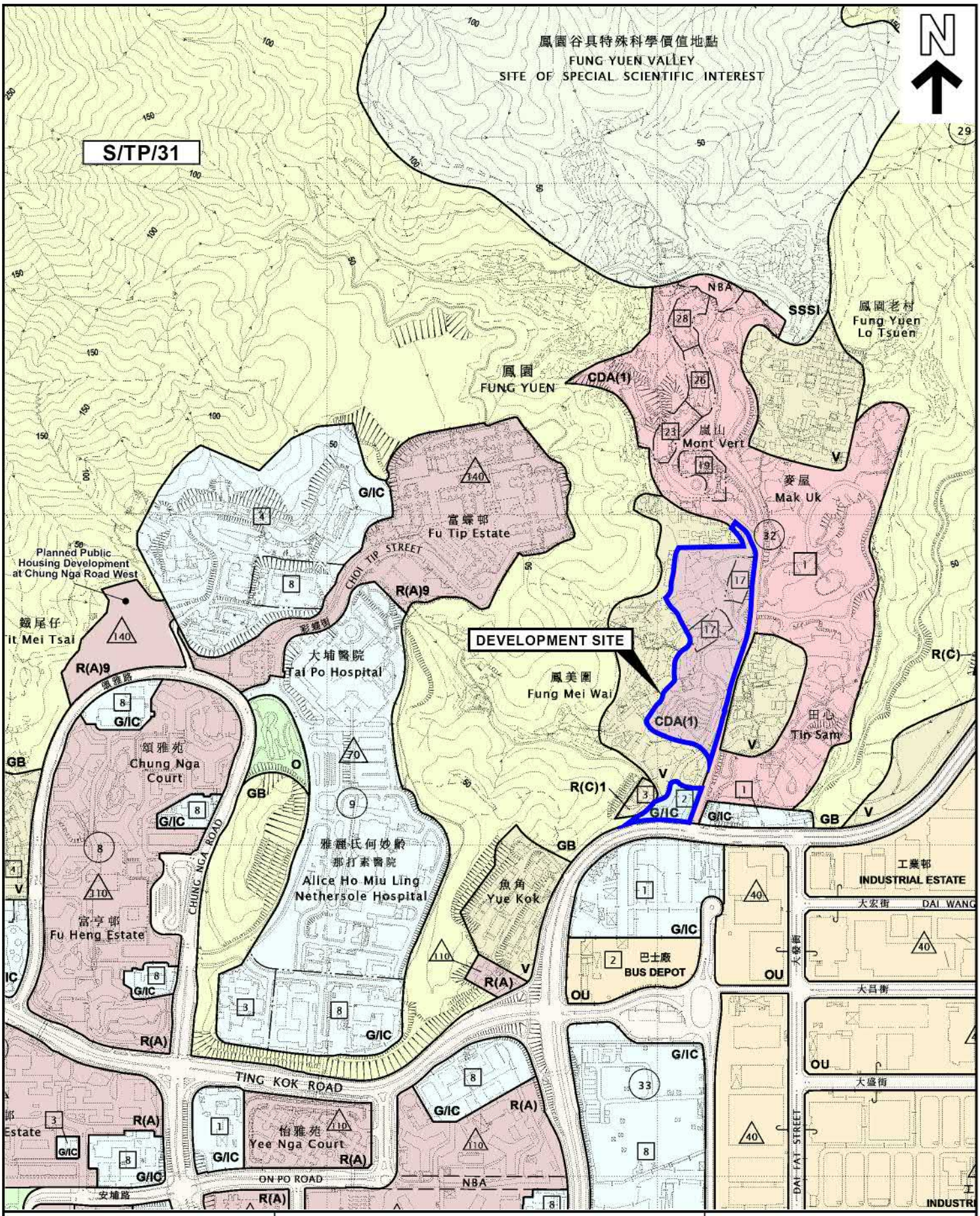
PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE 1 : 10 000

FIGURE 3.1

EXTRACT PLAN BASED ON SURVEY SHEET No. 3-SW-D & 7-NW-B

DATE: 5.6.2025



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LAND USE ZONING PLAN

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE 1 : 7 500

FIGURE 3.2

EXTRACT PLAN BASED ON OUTLINE ZONING PLANS No. S/TP/31 EXHIBITED ON 28.3.2025

DATE: 5.6.2025













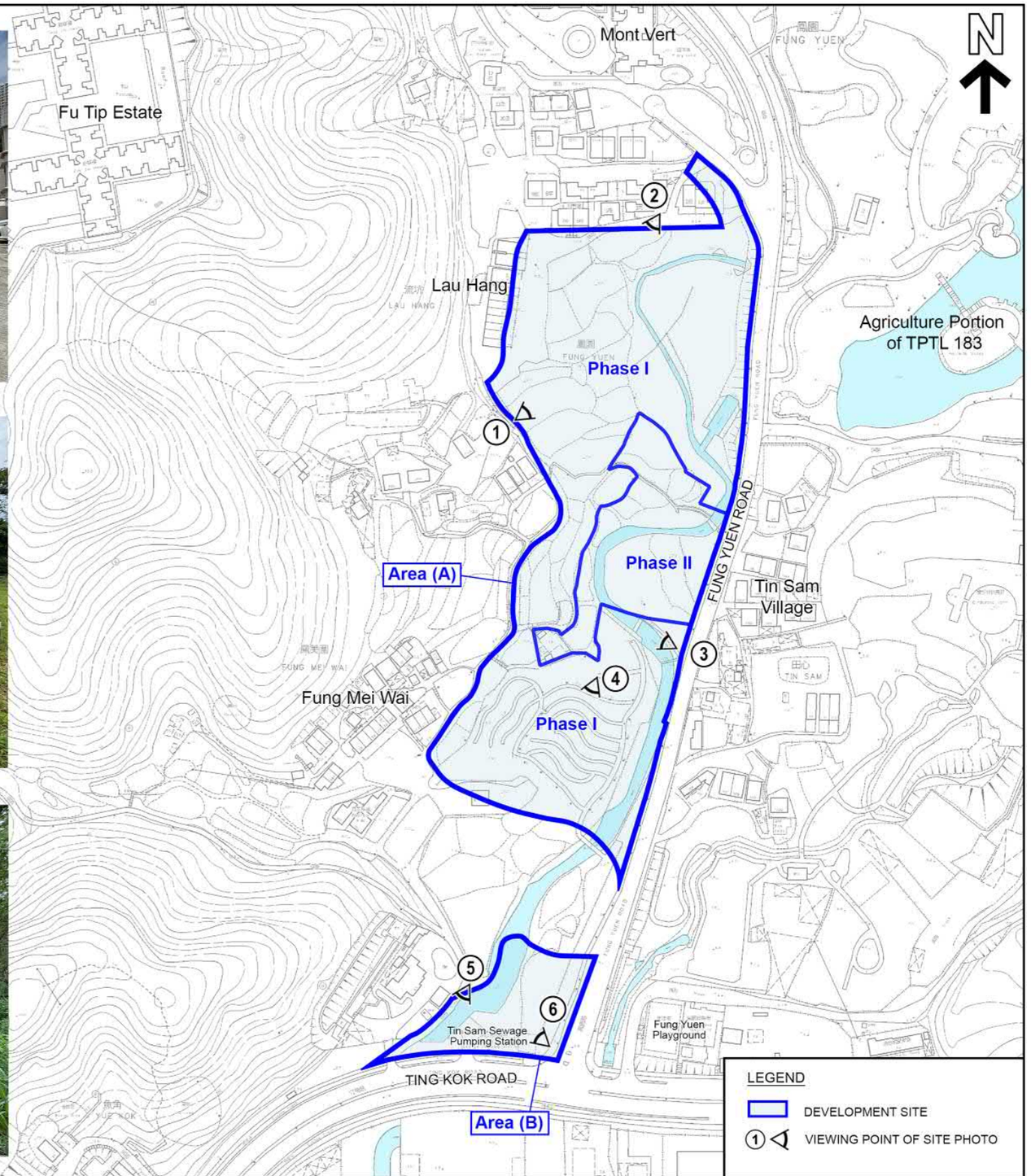

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EXISTING CONDITION OF THE DEVELOPMENT SITE

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES
VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE: 1 : 2 500 (A3)

FIGURE 3.3

EXTRACT PLAN BASED ON
SURVEY SHEET No.
3-SW-24D, 25C & 25D,
7-NW-4B, 4D, 5A, 5B, 5C & 5D

DATE: 11.6.2025

3.3 Statutory Planning Context

3.3.1 Area (A) and Area (B) fall within areas zoned "CDA(1)" and "G/IC" respectively on the OZP (**Figure 3.2** refers).

3.3.2 Under the "Remarks" column of "CDA(1)" zone, it is stipulated that "No new development, or addition, alteration and/or modification to or redevelopment of an existing building shall result in a total development and/or redevelopment in excess of a maximum domestic plot ratio of 0.64 and a maximum building height in terms of number of storeys as stipulated on the Plan, or the plot ratio and height of the existing building, whichever is the greater".

3.3.3 It is further explained in the Explanatory Statement that "CDA(1)" zone is intended to encourage a comprehensive development/redevelopment of the site with a view to discontinuing the undesirable open storage and car repairing workshop uses that existed on the site and that the maximum domestic PR is restricted to 0.64 due to the general infrastructure constraints pertinent to the area.

3.3.4 According to the Statutory Notes of the Draft Tai Po OZP No. S/TP/31, "G/IC" zone is "intended primarily for the provision of Government, institution or community facilities serving the needs of the local residents and/or a wider district, region or the territory. It is also intended to provide land for uses directly related to or in support of the work of the Government, organizations providing social services to meet community needs, and other institutional establishments".

3.3.5 Under the "Remarks" column of "G/IC" zone, it is stipulated that no new development, or addition, alteration and/or modification to or redevelopment of an existing building shall result in a total development and/or redevelopment in excess of the maximum building height in terms of number of storeys as stipulated on the Plan. Development on this "G/IC" zone is subject to a maximum building height restriction of 2 storeys.













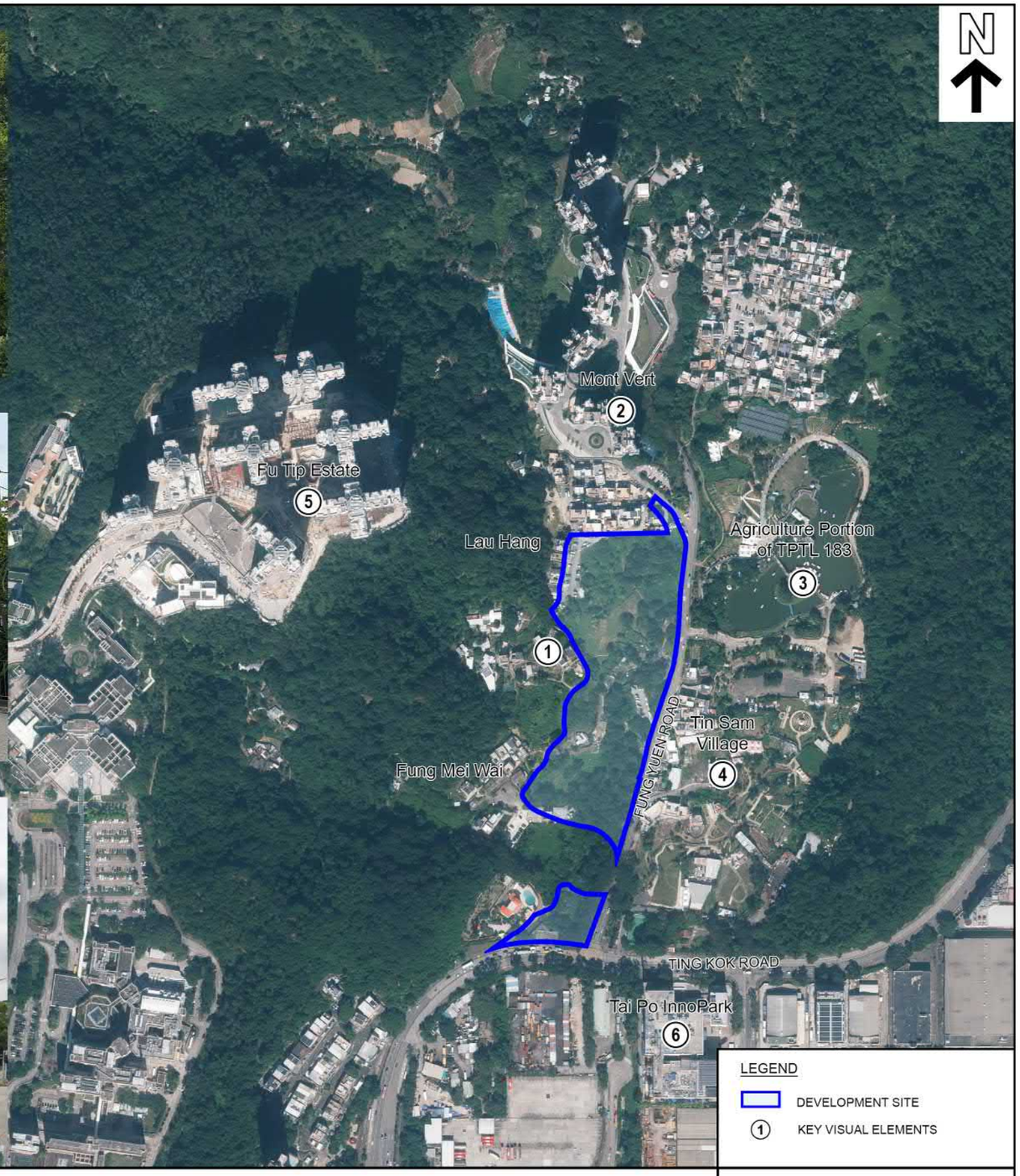

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KEY VISUAL ELEMENTS

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES
VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE: 1 : 5 000 (A3)

FIGURE 3.4

EXTRACT PLAN BASED ON
TRUE DIGITAL ORTHOPHOTO SERIES
No. 3-SW-D & 7-NW-B

DATE: 11.6.2025

4 THE INDICATIVE DEVELOPMENT PROPOSAL

4.1 The Proposed Development

4.1.1 An indicative development proposal showing the intended developments upon the proposed amendments of the Plan is illustrated in **Appendix 1** of this VIA. The purpose of the attached proposal is to demonstrate the Proposed Development (with the proposed PR and building height) are appropriate and feasible. A set of architectural drawings including the Indicative Layout Plan and Diagrammatical Section Plan is devised for reference only and is subject to detailed design at later stage.

Area (A) - Proposed Residential Development with Retail Facilities and Public Vehicle Park

4.1.2 Area (A) has a total area of about 31,854m^2 and comprises two phases:

i) Phase I Development - six residential towers with domestic GFA of 91,390m^2 (equivalent to a domestic PR of 3.44) and building heights of 24 - 29 storeys (excluding 3 levels of basement); a 3-storey clubhouse; and a 2-storey standalone building block (consisting of a public vehicle park of 30 car parking spaces and the ancillary car parking spaces and loading/unloading facilities of the retail facilities at G/F and retail facilities at 1/F (with shop and services floor space of not more than 800m^2); and

ii) Phase II Development, which includes one residential tower with domestic GFA of 18,187m^2 (equivalent to a domestic PR of 3.44) and building heights of 30 storeys.

4.1.3 It is anticipated that the two phases of the proposed residential development will provide a total of about 1,988 residential units housing approximately 5,169 persons. The major development parameters of Area (A) are summarised in **Table 5.1** below.

Table 4.1 Major Development Parameters of Area (A)

Development Parameter	Area (A) Phase I	Area (A) Phase II	Total
Development Site Area (m^2) (about)	26,567	5,287	31,854
Total PR (about) - Domestic - Non-domestic	3.47 3.44 0.03	3.44 3.44 -	3.47 3.44 0.03
Total GFA (m^2) (not more than) - Domestic - Non-domestic	92,190 91,390 800	18,187 18,187 -	110,377 109,577 800
Total No. of Blocks - Residential Tower - Clubhouse - Retail & PVP	8 6 1 1	1 1 - -	9 7 1 1
No. of Storeys - Residential Tower - Clubhouse - Retail & PVP	24-29 3 2	30 - -	24-30 3 2
Building Height (main roof; mPD) - Residential Tower - Clubhouse - Retail & PVP	+85 to +102 +22 +21	+99 - -	+85 to +102 +22 +21
No. of Units	1,718	270	1,988
Average Flat Size (m^2)	53.2	67.4	55.1
Clubhouse/Indoor Recreation Facilities GFA (m^2)	Not more than 3,199 (i.e. 3.5% of DGFA)	Not more than 909 (i.e. 5% of DGFA)	Not more than 4,108
Private Open Space (m^2)	Not less than 4,467	Not less than 702	Not less than 5,169
Estimated Population*	4,467	702	5,169

[a] The proposed Public Vehicle Park is exempted from GFA/PR calculation

[b] For the sake of an efficient carpark layout, the ancillary car parking and loading/unloading facilities of the retail facilities (consisting of 6 car parking spaces, 1 motorcycle parking space and 1 loading/unloading space) together with the proposed parking spaces of the Public Vehicle Park will be provided on ground floor of the standalone commercial block and is proposed to be exempted from GFA/PR calculation,

[c] The estimated population is based on persons per occupied flat ("PPOF") ratio of 2.6, which is the territorial-wide average domestic household size in 2024

Area (B) – Proposed Social Welfare Complex

4.1.4 Area (B) falls entirely within "G/IC" zone which has a zoning area of 3,347m^2 with a maximum building height restriction of 2 storeys. At present, the Tin Sam Sewage Pumping Station occupies the southern part of Area (B), with the remaining area being mainly vacant and covered with vegetation and a watercourse.

4.1.5 The Applicant proposes to utilise its private land in the existing G/IC zone adjoining Fung Yuen Road for the accommodation of an 8-storey social welfare complex with a total GFA of about 4,782m^2. The proposed social welfare complex is designed to accommodate a 150-place Residential Care Home for the Elderly ("RCHE") cum 30-place Day Care Unit ("DCU"). Upon completion, the Applicant is willing to set up a private or self-financing RCHE to alleviate the surging demand for RCHE, thereby serving the needs of the ageing population in Hong Kong. The major development parameters of Area (B) is summarised in **Table 5.2** below.

Table 4.2 Major Development Parameters of Area (B)

Development Parameter	Area (B)
Total GFA (m^2)	4,782
No. of Blocks	1
No. of Storeys	8
Building Height (main roof; mPD)	+36
No. of Places - Residential Care Home for the Elderly - Day Care Unit	 150 30

4.2 Sensible Design Features

4.2.1 The Indicative Development Proposal has been taken into account the following considerations:

- The maximum building height of the proposed residential towers (about +102mPD) is same as the maximum building height of Mont Vert (about +102mPD) or much lower than the maximum building height of Fu Tip Estate (about +143mPD) with the purpose of creating a harmonious urban context and ensure compatibility with the surrounding developments without compromising the optimum development potential of the Development Site.

- Three comparatively lower residential towers (i.e. Towers 1 to 3) are positioned at the southern portion of the Development Site. A stepped building height profile descending from the Proposed Development to Tai Po InnoPark and further to the waterfront promenade will be formed to help preserve the views towards the ridgelines.

- Adequate building separations (including one 30m-wide building separation and two 15m-wide building separations) between the residential towers are proposed to break down the visual mass of the Proposed Development and improve air ventilation.

- The development profile and building layout of the Proposed Development echoes with the curvilinear configuration and disposition of Mont Vert in the north-south direction to minimise visual disturbance and obstruction of air circulation.

- The existing spatial layout in the adjoining areas is duly respected through reserving adequate buffer areas to enhance visual porosity.

- Adequate building setback from the watercourse running along the western side of the Fung Yuen Road in a north-south direction will be provided to better protect and preserve the natural assets within the Development Site.

- Buffer areas for tree and shrub planting along the site boundary will also help screen off the Proposed Development.

- A podium-free design with underground sewerage treatment plant and basement are provided to reduce the overall building height as well as the building bulk of the Proposed Development.

- The building footprint of residential towers have been minimised through adopting higher internal efficiency as compared with the same PR of other residential developments.

5 IDENTIFICATION OF ASSESSMENT AREA AND VIEWING POINTS

5.1 Identifying Visual Envelope

5.1.1 The Development Site stands at the bottom of a Fung Yuen Valley surrounded by heavily wooded slopes of Cloudy Hill and Pat Sin Leng Country Park. Therefore, the Visual Envelope ("VE") or the zone of visual influence of the Proposed Development on its surroundings is largely determined by the natural topography and the high-rise developments in Tai Po New Town. As prescribed in the Town Planning Board Guidelines No. 41, the viewer will tend to see the building as part of a group rather than as a single building when the viewing distance equal to three times of the height of the building (the 3H zone) from the Development Site, and therefore the 3H zone could be used as an initial reference in determining the initial assessment area. Since the absolute building height of the proposed residential towers at the Development Site will be about 95m at maximum (after taking account of the lowest site formation level), the assessment area covers a radial area of about 285m (i.e. 3H) from the building footprint of the proposed residential towers (**Figure 5.1** refers).

5.1.2 When considering the extent of VE, there are open views towards the Development Site from its north, south and west direction, and the VE covers a large area where there will be exposed views from those directions on the Proposed Development. However, the existing and planned high-rise residential buildings nearby may totally block the view from some visually sensitive viewpoints. The entire visual envelope is presented in **Figure 5.1** for information.

5.1.3 Since protecting private view is not the purview of the TPB, this VIA focuses primarily on public viewers only and no private viewers, such as residents of private development and users of developments with restricted/exclusive accesses (e.g. school and office, etc.) will be identified.

5.2 Selection of Representative Viewing Points

5.2.1 To ascertain the visual impact of the Proposed Development, a visual analysis has been conducted based on the existing site context. Representative Viewing Points ("VPs") within the VE have been selected for assessing the visual impact to the viewers. Selected VPs cover public views from easily accessible and popular area from different directions. When selecting VPs, priority has been given to major public open space, public focal points, open spaces, existing/future pedestrian node, key pedestrian/vehicular corridor, and existing major vistas will be considered as major visual sensitive viewpoints.

5.2.2 In this VIA, six VPs are selected for further assessment on the visual impact of the Proposed Development for demonstrating the potential cumulative impact, which are briefly introduced as follows and summarised in **Table 5.1**.

VP1 – Fung Yuen Playground (about 70m to the east of the Development Site)

5.2.3 Fung Yuen Playground is a local open space at the junction of Ting Kok Road and Fung Yuen Road with a provision of a 5-a-side soccer pitch, children's play and elderly fitness facilities, and amenity area to serve the neighbourhood. The viewers will mainly be the users of Fung Yuen Playground for active and/or passive recreational activities. VP1 is a close-up viewpoint selected to review the impact of the viewers – users of Fung Yuen Playground.

VP2 – Chuen On Road Bus Terminus (about 460m to the west of the Development Site)

5.2.4 VP 2 is taken at the public transport interchange near Tai Po Hospital, which consists of the Chuen On Road Bus Terminus and several minibus stops. It is a key public transport facility for patients, healthcare workers and visitors reaching Tai Po Hospital and Alice Ho Miu Ling Nethersole Hospital from Tai Po Market / Tai Wo MTR Stations and the core of Tai Po New Town. This VP captures the view of the existing open setting between the two hospitals from the west. VP2 is selected to represent not only the views of the viewers to the west of the Development Site, such as the passengers waiting for bus and green minibus services, but also the views of other potential viewers to the further west of the Development Site in the northern fringe of Tai Po New Town.

VP3 – Wilson Trail Section 8 (about 1,330m to the northwest of the Development Site)

5.2.5 VP3 is taken from Wilson Trail Section 8 (Yuen Tun Ha to Cloudy Hill) at the southern hillslope of Cloudy Hill at about +286mPD with a 1,330m viewing distance from the northwest of the Proposed Development. This VP is selected to represent the view of hikers of Wilson Trail Section 8 and other potential viewers at lower or upper hillslopes to the northwest of the Development Site. It captures the panoramic view of the sub-urban fringe of Tai Po New Town, the entire Tai Po InnoPark and Ma On Shan New Town. A bird's eye view towards the Development Site is available and this VP is only occasionally visited by the viewers during weekends or holidays for leisure and passive recreation purpose.

VP4 – Tai Po Country Trail to Sha Lo Tung (about 725m to the north of the Development Site)

5.2.6 Given that the Proposed Development and the Fung Yuen Valley would be more visible when viewing from this hillside footpath which branches off from the popular hiking route from Fung Yuen to Sha Lo Tung / Hok Tau, VP4 is therefore taken from this footpath located to the north of the Development Site in about 725m. The footpath is normally used by the public once in a while and this VP is a kinetic one. VP4 captures the Fung Yuen Valley, Tai Po InnoPark, Tai Po New Town and Ma On Shan New Town. It is selected to assess the impact of the viewers – the hikers and grave-sweepers to permitted burial grounds of deceased indigenous villagers to the

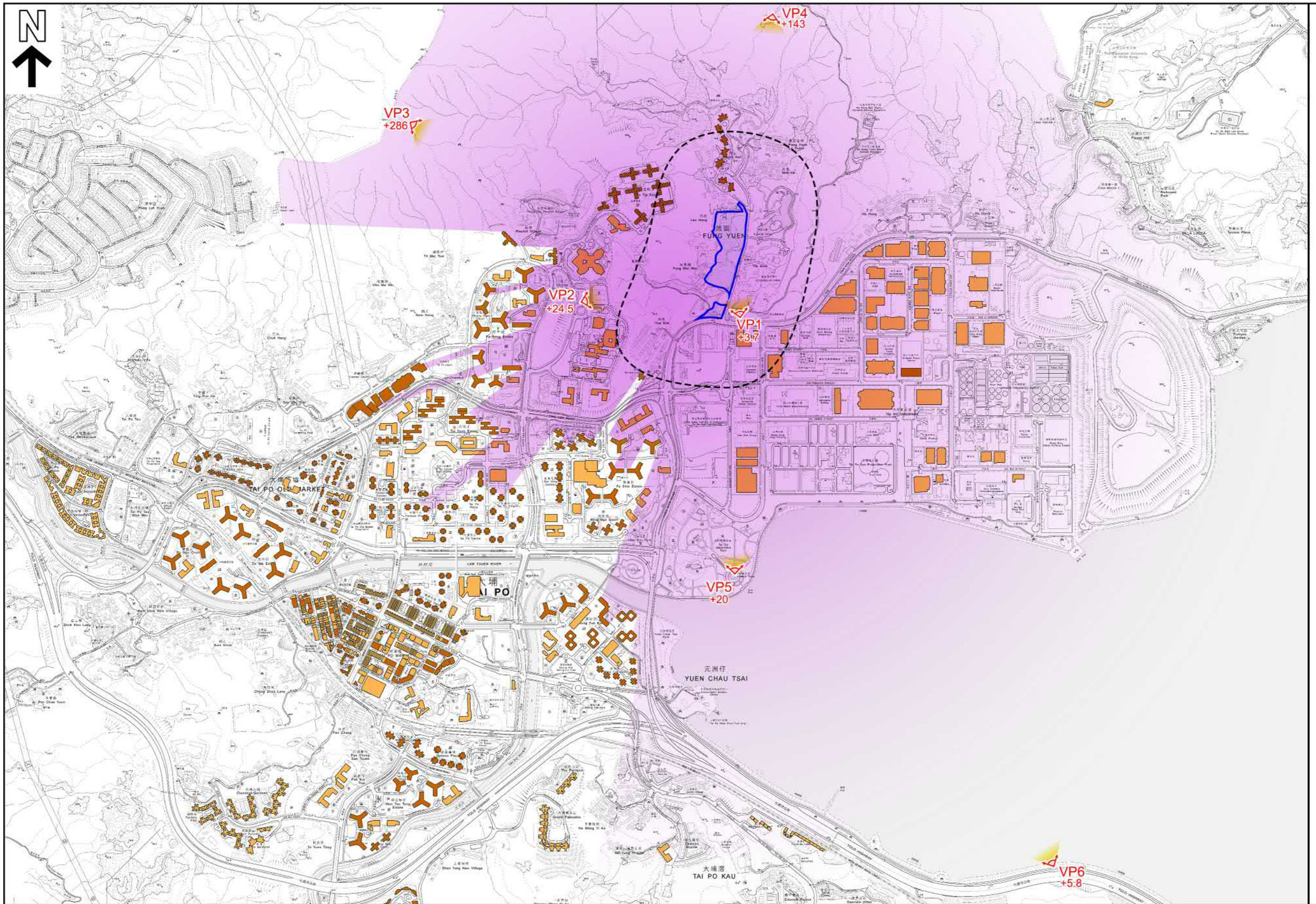
north. It also represents other potential viewers to the further north of Fung Yuen Valley.

VP5 – Tai Po Waterfront Park Lookout Tower (about 1,000m to the south of the Development Site)

5.2.7 The 32.4m high Spiral Lookout Tower in Tai Po Waterfront Park is a landmark as well as a tourist attraction of Tai Po. Although VP5 is a distant viewpoint located about 1,000m away from the Development Site, it is selected as one of the VPs when taking into account its importance to the district and the popularity among tourists and local visitors. Since this VP is positioned from the observation deck of the Spiral Lookout Tower at about +20mPD enjoying a stunning view over the entire Tai Po Waterfront Park, the neighbouring Tai Po InnoPark and the Tolo Harbour, the visual sensitivity at this elevated VP would be higher than any other viewpoints on ground level. As being part of the Tai Po Waterfront Park which is a major district open space in Tai Po, the viewers will mainly be the visitors to the Spiral Lookout Tower and the users of Tai Po Waterfront Park engaging in passive recreational activities.

VP6 – Tolo Harbour Waterfront (about 2,610m to the south of the Development Site)

5.2.8 The Waterfront Promenade in Tolo Harbour is one of the key open spaces in Tai Po New Town, where various active and passive activities (including cycling, leisure walk, jogging, fishing etc.) are taken place. This VP is taken at the middle of the promenade between Tai Po New Town and Pak Shek Kok, and captures the panoramic view of the Tai Po InnoPark and Tai Po New Town with established high-rise developments, such as Fu Shin Estate, Ming Nga Court, Kwong Fuk Estate and Wang Fuk Court. The viewers of this VP will be the users and visitors of the promenade. This VP also represents the view of other potential viewers along the waterfront promenade in the southeast.



LEGEND

- DEVELOPMENT SITE
- **VP1** FUNG YUEN PLAYGROUND
- **VP2** CHUEN ON ROAD BUS TERMINUS
- **VP3** WILSON TRAIL SECTION 8
- **VP4** TAI PO COUNTRY TRAIL TO SHA LO TUNG
- **VP5** TAI PO WATERFRONT PARK LOOKOUT TOWER
- **VP6** TOLO HARBOUR WATERFRONT
- **+00.00** EXISTING LEVEL (ABOUT)
- VIEWING POINT
- 3H ZONE
- VISUAL ENVELOP
- PLANNED/EXISTING HIGH-RISE BUILDING
- EXISTING MID-RISE BUILDING

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VISUAL ENVELOPE AND LOCATION OF VIEWING POINTS

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES
VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

SCALE: 1 : 2 500 (A3)

FIGURE 5.1

EXTRACT PLAN BASED ON
SURVEY SHEET No.
3-SW-24D, 25C & 25D,
7-NW-4B, 4D, 5A, 5B, 5C & 5D

DATE: 11.6.2025

Table 5.1 Identified Viewpoints with Preliminary Analysis

Viewpoints (VPs)	Distance/ Direction (Approx.)	Height in mPD (Approx.)	Viewers	Nature of VP	Popularity by Public	Visual Sensitivity[1]	Visual Quality[2]
VP1: Fung Yuen Playground	70m/South	+3.7	Visitors to the Park/ General public	Active / Passive Recreation	Occasional	Low to Medium	Poor to Fair
VP2: Public Transport Interchange to the South of Tai Po Hospital	460m/West	+24.5	Drivers and Pedestrians	Transient	Occasional	Low	Fair
VP3: Wilson Trail Section 8	1,330m/ Northwest	+286	Hikers/ General public	Passive Recreation	Occasional	Low to Medium	Good
VP4: Footpath leading to Sha Lo Tung	725m/North	+143	Hikers/ General public	Passive Recreation	Occasional	Low to Medium	Good
VP5: Spiral Lookout Tower in Tai Po Waterfront Park	1,000m/South	+20	Visitors to the Park/ General public	Passive Recreation	Frequent	Medium to High	Good
VP6: Waterfront Promenade in Tolo Harbour	2,610m/South	+5.8	Cyclists/ Pedestrians / General public	Active / Passive Recreation	Frequent	Medium to High	Good

[1] Visual sensitivity is determined by the types of activities the viewers are engaging in and the duration and distance over which the Proposed Development would remain visible. For example, people engaging in active recreational activities such as playing basketball or football at the VP are less sensitive to visual change than passive recreational activities.

[2] Visual quality is assessed based on the openness and permeability of the view as well as the visibility of visual resources including prominent ridgelines, the harbour, natural coastlines, open sea horizon, skyline, scenic areas, valued landscape, special landmark, heritage features to be preserved

6 ASSESSMENT OF VISUAL IMPACTS

6.1 Subject of Assessment

6.1.1 The primary objective of this VIA is for evaluating the visual impact of the Proposed Development in support of the s.12A Planning Application. This VIA is conducted by comparing the existing condition and the Proposed Development with major planned and committed developments to assess the cumulative visual impacts. The assessment will focus on the visual impact of the overall bulk to other viewers in the neighbourhood. The existing views of the VPs presented in the photomontages are for reference only.

6.2 VP1 – Fung Yuen Playground

Visual Composition

6.2.1 VP1 is a close-up viewpoint to the east of the Development Site taken at the children's play area in Fung Yuen Playground. It captures the view of the Fung Yuen Playground including the soccer pitch and some playground facilities in the foreground. Whilst the Proposed Development would slightly bring the townscape view forward, they are largely shielded by dense tree canopies at the Fung Yuen Playground as well as the vegetation in the surrounding environment. The Proposed Development would not result in significant change to the overall visual composition to this VP.

Visual Obstruction

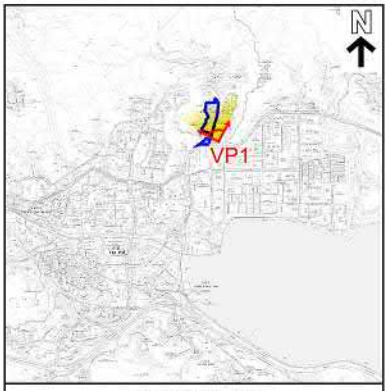
6.2.2 From this VP, no prominent visual resources, which its view shall be preserved has been identified. As demonstrated in **Figure 6.1**, the local open space is nicely landscaped and enclosed by existing large mature trees. The Proposed Development would only be partially visible through the gaps of the tree canopies in the background and the visual openness of this VP would slightly be affected.

Effect on Public Viewers

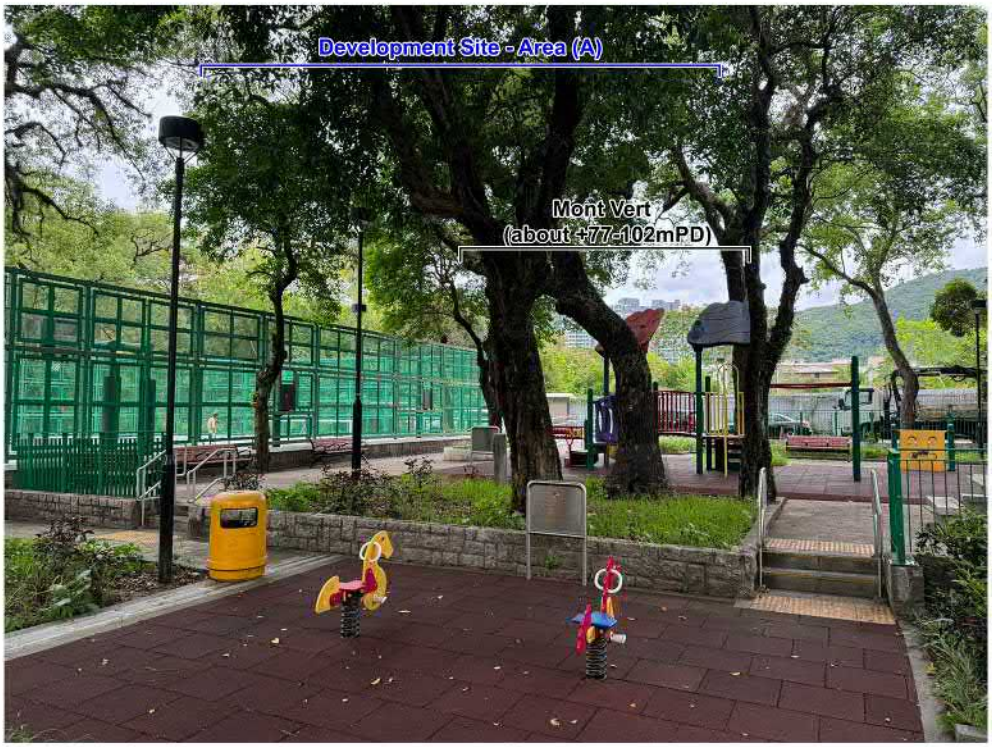
6.2.3 As viewers at this VP would be mainly those engaging in active / passive recreational activities, their visual sensitivity would be low to medium. Direct sight to the proposed residential development is not envisaged since the Playground is surrounded by landscape and planting area with vegetation. The visual change brought about by the Proposed Development would be **Slight**.

Effect of Visual Resources

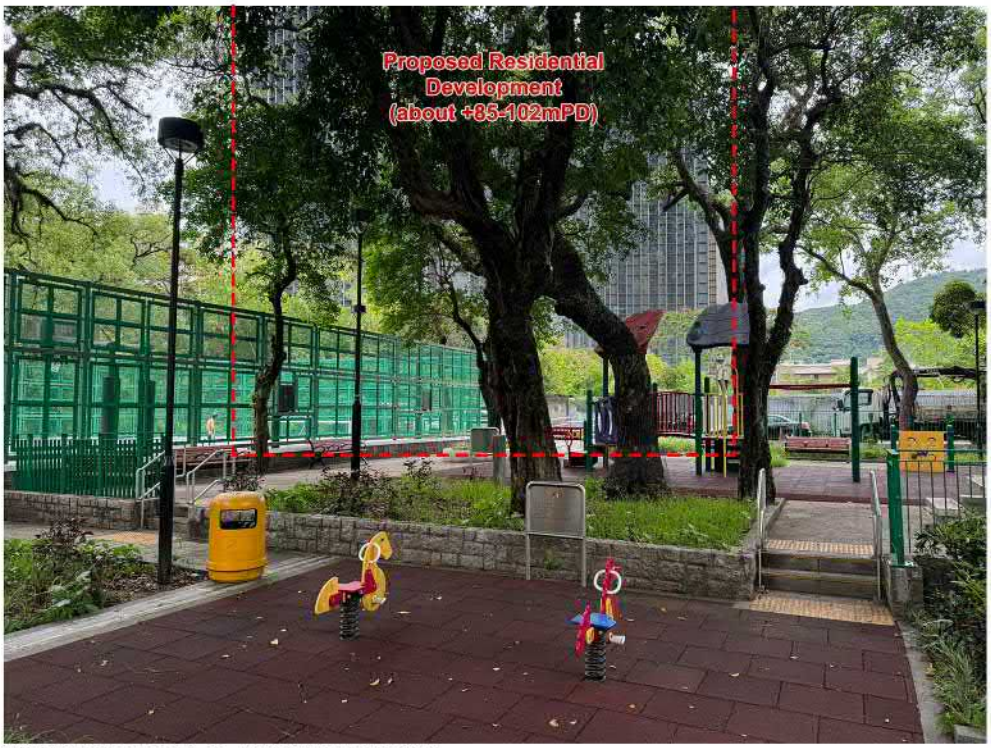
6.2.4 The Proposed Development is compatible and in harmony to the surrounding context. Although the visual openness from this VP would be slightly reduced, the view that would be blocked by the Proposed Development is just a normal sky view and not any special or prominent visual resources. As such, the condition, visual resources and character of the assessment area would not be significantly affected.



KEY PLAN
SCALE: 1: 75 000



EXISTING VIEW



WITH PROPOSED DEVELOPMENT

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PHOTOMONTAGE

VP1 - FUNG YUEN PLAYGROUND

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

FIGURE 6.1

BASED ON SITE PHOTOS
TAKEN ON 23.5.2025

DATE: 5.6.2025

6.3 VP2 – Chuen On Road Bus Terminal

Visual Composition

6.3.1 **Figure 6.2** captures an open view towards the Development Site from the western direction contributed by the existing at-grade open-air public transport interchange ("PTI") and the Tai Po Hospital Car Park. The public housing development of Fu Tip Estate would integrate into the Main Building of Tai Po Hospital in the background. With a maximum building height of +102mPD, the Proposed Development would be completely screened off and blocked by the lush vegetation at Tai Po Hospital as well as the green knolls located to the west of the Development Site within the "GB" zone. Since the Proposed Development would not be visible from this VP, the proposed rezoning would not change the visual composition of the area.

Visual Obstruction

6.3.2 From this VP, the view is dominated by existing vegetation, Tai Po Hospital and the high-rise public housing development. No prominent visual resource has been identified. As observed in **Figure 6.2**, the Proposed Development would not reduce visual openness to the viewers represented by this VP.

Effect on Public Viewers

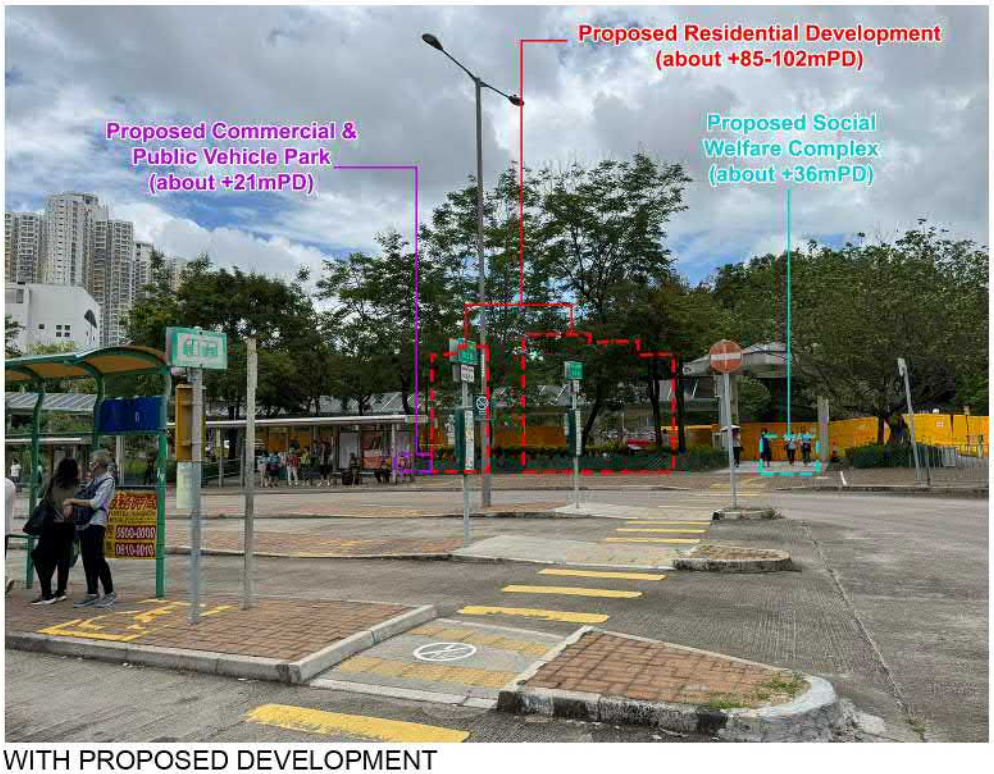
6.3.3 As the key viewers at this VP would be mainly those passengers waiting for bus services, the viewers are transient in nature and their visual sensitivity would be low to medium, regardless of the proposed rezoning. The visual change brought by the Proposed Development would be **None**. The viewers at this VP can continue to enjoy a good quality of open view.

Effect of Visual Resources

6.3.4 The Proposed Development would be completely blocked by the lush vegetation at the eastern side of the public transport interchange, hence there would not be any effect on the condition, quality, sky view and character of the assessment area.



EXISTING VIEW



WITH PROPOSED DEVELOPMENT



KEY PLAN
SCALE: 1: 75 000

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PHOTOMONTAGE

VP2 - CHUEN ON ROAD BUS TERMINUS

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

FIGURE 6.2

BASED ON SITE PHOTOS
TAKEN ON 23.5.2025

DATE: 11.6.2025

6.4 VP3 – Wilson Trail Section 8

Visual Composition

6.4.1 In the photomontage shown in **Figure 6.3**, the existing view comprises the natural vegetated hillslope to the north of Tai Po New Town in the foreground, the sub-urban and northern fringe of Tai Po New Town together with Tai Po InnoPark in the middle ground and the Tolo Harbour and Ma On Shan New Town in the background. The Proposed Development would stand among the large cluster of high-rise developments formed by Mont Vert (max. +102mPD) at the northern part of Fung Yuen and Fu Tip Estate (max. +143mPD) at Tai Po Area 9. It is considered visually compatible to the adjoining areas and there is insignificant change to the overall visual composition to this VP.

Visual Obstruction

6.4.2 As shown in **Figure 6.3**, the residential towers 1, 2, 3 and the social welfare complex of the Proposed Development will overlap with a small portion of greenery and background development at Tai Po InnoPark. The Proposed Development would form a backdrop of Fu Tip Estate. While only a **slight** obstruction to the vegetated slope to the east of the Development Site is resulted, nearly all visual resources such as the open sea, sky view and the vegetated islands at this VP are unobstructed by the Proposed Development.

Effect on Public Viewers

6.4.3 Hikers on Wilson Trail Section 8 would continue to enjoy the existing unobstructed townscape view of the well-developed Tai Po New Town. The Proposed Development would blend in well into the existing and planned high-rise developments in the vicinity, forming a backdrop of the Fu Tip Estate. Given that the VP is at a considerable distance away (about 1,330m) and the viewers would be moving along the hiking trail, viewers would only have an exposed view to the Proposed Development for a limited period of time. Their visual sensitivity would be low to medium and the visual effect on public viewers is considered **slight**.

Effect of Visual Resources

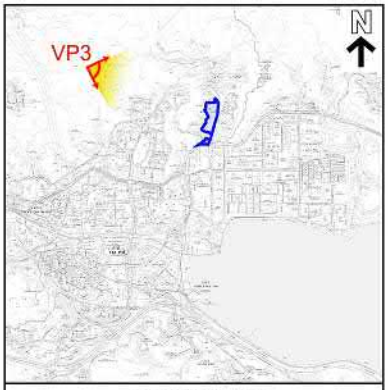
6.4.4 The vegetated hillslope, Tolo Harbour and sky view are the major visual resources for viewers at this VP. With a compatible building height, the Proposed Development would only form part of the townscape view in harmony with surrounding developments. There would be **slight** change to the condition, quality, sky view and character to be experienced by the viewers.



EXISTING VIEW



WITH PROPOSED DEVELOPMENT



KEY PLAN
SCALE: 1: 75 000

KTA PLANNING LIMITED 規劃顧問有限公司

PHOTOMONTAGE

VP3 - WILSON TRAIL SECTION 8

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

FIGURE 6.3

BASED ON SITE PHOTOS TAKEN ON 23.5.2025

DATE: 16.7.2025

6.5 VP4 – Tai Po Country Trail to Sha Lo Tung

Visual Composition

6.5.1 When viewing from this VP selected on the hillside footpath to the north of the Development Site towards the south, a panoramic view of the Fung Yuen Valley encircled on three sides by forested hillslopes is illustrated in the photomontage in **Figure 6.4**. The Proposed Development and Mont Vert, comprising a total number of 15 high-rise residential buildings, in the foreground and the planned public housing development at Chung Nga Road West (max. +172mPD) and Fu Tip Estate (max. +143mpD) situated on a higher platform in the middle ground would dominate the existing view of the valley and form part of the Tai Po New Town/residential clusters and Mont Vert. The background is shaped by the Tai Po InnoPark, Tolo Harbour and the skyline of Tai Po New Town in front of a ridgeline backdrop. The Proposed Development is considered visually compatible to the surrounding context without changing the visual composition of the area.

Visual Obstruction

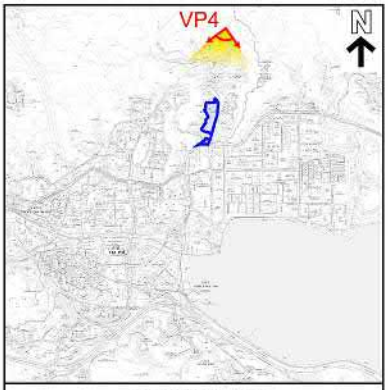
6.5.2 As observed in **Figure 6.4**, the Proposed Development would integrate well into the existing high-rise buildings and forms part of their extension. Despite the fact that the visual openness at the western part of Fung Yuen Valley would be slightly reduced, the view that would be blocked by the Proposed Development is some vegetated areas, bus depots and the Construction Industry Council Tai Po Training Ground to the north and further north of the Development Site with no special or prominent visual resources. The existing open setting of the eastern part of Fung Yuen Valley constituted by agricultural land and low-rise village type developments remains intact. In general, the visual obstruction is **slight**.

Effect on Public Viewers

6.5.3 Given the viewers of this VP are mainly hikers going to/from Sha Lo Tung and grave-sweepers to the permitted burial grounds to the north of Fung Yuen, the viewers would only have an exposed view onto the Proposed Development for a very short period of time and their visual sensitivity would be low. The quality of the view would not be affected, and the effect of the visual changes is **slight**.

Effect on Visual Resources

6.5.4 The Proposed Development would become part of the urban fringe landscape standing among the cluster of high-rise buildings in the western part of Fung Yuen Valley. The proposed building height and building orientation would not affect condition, quality, sky view and character of the assessment area. There should not cause any drastic change to the visual character of the area to be experienced by the viewers.



KEY PLAN
SCALE: 1: 75 000



EXISTING VIEW



WITH PROPOSED DEVELOPMENT

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PHOTOMONTAGE

VP4 - TAI PO COUNTRY TRAIL TO SHA LO TUNG

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

FIGURE 6.4

BASED ON SITE PHOTOS TAKEN ON 23.5.2025

DATE: 11.9.2025

6.6 VP5 – Tai Po Waterfront Park Lookout Tower

Visual Composition

6.6.1 This VP is taken from the top of the Spiral Lookout Tower to the south of the Development Site which captures the view of the landscaping and lush greenery in Tai Po Waterfront Park in the foreground. The lower part of Proposed Development would be shielded by the lush vegetation in the foreground, and would blend in with other existing/planned high-rise developments in Tai Po New Town such as Fu Shin Estate, Fu Tip Estate and Riveria Lodge in front of a green mountainous backdrop. The Proposed Development would be in harmony with the surrounding developments and do not alter the existing visual composition of the area.

Visual Obstruction

6.6.2 Viewers at this VP would enjoy a panoramic view over both the Tolo Harbour (to the east and south) and the residential area of Tai Po New Town (to the west and northwest). Yet, **Figure 6.5** captures the view towards the north only. As demonstrated in the photomontage presented in **Figure 6.5**, the Proposed Development would primarily overlap with Mont Vert, with its lower part largely screened off by the dense existing trees in the foreground. Though the Proposed Development would obscure a small section of the green mountain backdrop, it would not intrude into the ridgeline of Cloudy Hill in the background. The view to the ridgeline is entirely preserved and hence the visual obstruction to the ridgeline is **negligible**.

Effect on Public Viewers

6.6.3 Since the lower parts of the Proposed Development would be screened off by vegetation, only a small portion of the upper part would be partly visible. Viewers represented by this VP are passive recreation in nature and their visual sensitivity would be medium to high and transient. As explained in para. 6.6.1 and 6.6.2, the change in visual composition and obstruction to be experienced by viewers at this VP would be minimal. The overall visual effect on public viewers is considered **slight**.

Effect on Visual Resources

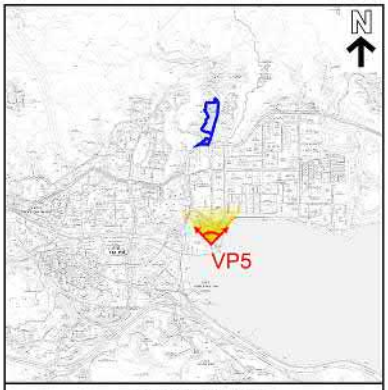
6.6.4 The ridgeline of Cloudy Hill has been identified as a major visual resource. With a compatible building height to the developments in the vicinity, the Proposed Development would form part of the townscape in harmony with the ridgeline backdrop. It would further reinforce the concept of descending building height from the town centre towards the Tai Po InnoPark to the waterfront. There would be a **negligible** change to the current condition, quality and character of the area.



EXISTING VIEW



WITH PROPOSED DEVELOPMENT



KEY PLAN
SCALE: 1: 75 000

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PHOTOMONTAGE

VP5 - TAI PO WATERFRONT PARK LOOKOUT TOWER

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

FIGURE 6.5

BASED ON SITE PHOTOS
TAKEN ON 23.5.2025

DATE: 16.7.2025

6.7 VP6 – Tolo Harbour Waterfront

Visual Composition

6.7.1 The view towards the Development Site from this VP is totally dominated by the existing townscape view composed of various residential and industrial developments, such as Fu Shin Estate, Ming Nga Court, Kwong Fuk Estate and Wang Fuk Court (**Figure 6.6** refers). The lower part of Proposed Development would be shielded by the lush vegetation and existing industrial developments in the foreground, and their upper parts would blend in between Fu Tip Estate and Mont Vert. The visual composition of this VP would not be affected.

Visual Obstruction

6.7.2 As shown in **Figure 6.6**, the viewers at this VP would enjoy a panoramic view over both the Tolo Harbour and Tai Po New Town. Some existing high-rise buildings along the waterfront would dominate part of the current skyline and ridgeline. Whilst the Proposed Development would lead to slightly loss of a portion of green mountain backdrop, the ridgeline of Cloudy Hill in the background would remain intact and not be affected. The view to the ridgeline is entirely preserved and hence the visual obstruction to the ridgeline is **negligible**.

Effect on Public Viewers

6.7.3 Given that the viewers at this VP is mainly for active recreational activities and would have an exposed view to the Proposed Development, their visual sensitivity would be medium to high. As shown in **Figure 6.6**, no matter with or without the Proposed Development, viewers at this VP would have a typical urban landscape view. The Proposed Development would not induce unacceptable change to the view, and would be viewed as the extension of Fu Tip Estate and part of the townscape of Tai Po New Town. The viewers would experience **slight** visual change.

Effect on Visual Resources

6.7.4 The ridgeline of Cloudy Hill has been identified as a major visual resource. With a compatible building height to the developments in the vicinity, the Proposed Development would blend well in the existing developments with the ridgeline backdrop. There would be a **negligible** change to the current condition, quality and character of the assessment area.



KEY PLAN
SCALE: 1: 75 000



EXISTING VIEW



WITH PROPOSED DEVELOPMENT

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PHOTOMONTAGE

VP6 - TOLO HARBOUR WATERFRONT

PROPOSED RESIDENTIAL DEVELOPMENT(S) WITH RETAIL, PUBLIC VEHICLE PARK AND SOCIAL WELFARE FACILITIES VARIOUS LOTS IN D.D. 11 AND ADJOINING GOVERNMENT LAND, FUNG YUEN, TAI PO, NEW TERRITORIES

FIGURE 6.6

BASED ON SITE PHOTOS
TAKEN ON 23.5.2025

DATE: 5.6.2025

7 CONCLUSION

7.1.1 Based on the analysis on the appraisal of visual impact on Visual Composition, Visual Obstruction, Effect on Public Views and Effect on Visual Resources, **Table 7.1** below presents the overall visual impact caused by the Proposed Development to the public viewers represented in each VP.

Table 7.1 Summary of Assessment of Visual Impact at the Viewpoints

Viewpoint	Location	Visual Impact due to Proposed Development Scheme
VP1	Fung Yuen Playground	Slightly Adverse
VP2	Chuen On Road Bus Terminus	Negligible
VP3	Wilson Trail Section 8	Slightly Adverse
VP4	Tai Po Country Trail to Sha Lo Tung	Slightly Adverse
VP5	Tai Po Waterfront Park Lookout Tower	Negligible
VP6	Tolo Harbour Waterfront	Slightly Adverse

7.1.2 The Proposed Development would largely blend in well with the existing high-rise residential and industrial developments in the vicinity. In light of the scale and the existing height profiles of Tai Po New Town (with the maximum building height up to +172mPD of the planned public housing development at Chung Nga Road West) and the adjacent Mont Vert and Fu Tip Estate (with maximum building heights varying from +77mPD to +143mPD), the Proposed Development (with building heights ranging from +85mPD to +102mPD) would not bring noticeable change to the visual character and composition of the area. The Proposed Development would integrate well into the existing high-rise residential buildings.

7.1.3 Since the viewers at VP1 are only limited to those engaging in active/passive recreational activities in Fung Yuen Playground, direct sight to the Proposed Development is not envisaged. There would be no significant change to the overall visual composition and townscape view. It is therefore considered that the visual impact to VP1 is **slightly adverse**.

7.1.4 There would be **negligible** impact on viewers at VP2 as the existing dense vegetation would completely screen the Proposed Development, and the visual openness and townscape view would remain intact.

7.1.5 As for the public viewers at VP3, they would only have an exposed view onto the Proposed Development for a very short period of time, and no drastic changes to the overall visual composition, townscape view, sky view and character of the area. Therefore, the visual effect and change on viewers at VP3 are considered **slightly adverse**.

7.1.6 Similar to VP3, the public viewers of VP4 are mostly hikers which would only have an exposed view onto the Proposed Development for a very short period of time. While there will be a slight obstruction to open view of Tai Po New Town, there are no any drastic change to the visual character of the area. The visual impact on viewers of VP4 is considered **slightly adverse**.

7.1.7 Viewing from VP5, the Proposed Development would lead to a slight loss of tiny portion of the green mountain backdrop and slightly affect the visual openness. Yet, it should be noted that the Proposed Development would be compatible with the surrounding context and be viewed as the extension of Tai Po New Town in line with the stepped building height concept towards the waterfront, the visual impact on viewers of VP5 is still considered **negligible**.

7.1.8 For VP6, the Proposed Development would cause minimal obstruction to some existing vegetated areas/green hill backdrops and would have no change to the overall visual composition and townscape. It is therefore considered that the visual impact to VP6 is considered **slightly adverse**.

7.1.9 Besides, the Proposed Development has provided sufficient building separations, compatible building heights, curvilinear configuration and suitable building orientation, compatible with the existing Mont Vert Development. Visual buffers between the existing villages and Proposed Development are reserved. These help to improve the visual permeability and visual openness, and enhance the visual experience of the viewers. On the whole, the visual impact of the Proposed Development to the surroundings is **negligible** to **slightly adverse**, which is considered acceptable and would be fully compatible to the surrounding visual context.

Appendix 13

Landscape Proposal and Tree Survey Report

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Landscape Proposal with Tree Survey Report

September 2025

Prepared By:
ADI Limited

ADI

Project Title	Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
Report Title	Landscape Proposal with Tree Survey Report
Date of Issue	20th September 2025

	Name	Signature	Date
Compiled by	Elsa Kwong		20th September 2025
Checked by	Barry Lo		20th September 2025
Approved by	Alison Lee		20th September 2025

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Appendix A

Tree Survey Report

1.0 Introduction

1.1 ADI Limited has been commissioned by Fantastic State Limited to present the Landscape Proposal and Tree Survey Report in support of the S.12A application for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") at various lots and adjoining Government land at Fung Yuen, Tai Po, New Territories (hereafter "the Development Site").

1.2 The Development Site total area is about 31,854m^2 which consists of two areas: Area (A) and Area (B). Area A in the proposed R(B) 13 zone comprises of two phases: Phase I and Phase II, of an area about 26,567m^2 and 5,287m^2 respectively, and about 3,347m^2 of Area B in the G/IC zone. The proposed developments in Area A alongside of Fung Yuen Road comprises 2 phases: i) Phase I development comprises construction of six residential towers of 24 to 29 storeys (excluding 3 levels of basement); a 3-storey clubhouse; and a 2-storey standalone building block (consisting of a public vehicle park with retail facilities at 1/F); ii) Phase II development comprises one 30-storey residential tower. Area B development comprises a 8-storey Social Welfare Complex for RCHE and DCU abutting to Ting Kok Road. The development proposals also include access road/EVA and other utilities facilities, provision of open spaces and planting proposal which are necessary for future residents/users.

1.3 The landscape proposal is presented as **Figure 1.1 to 1.4**, landscape sections of the landscape design proposal as **Figures 2.1 – 2.4**, the greenery coverage and open space framework as shown on **Figures 3.0 and 4.0.** Typical Landscape Detail are illustrated on **Figures 5.1 – 5.3**. The tree survey report is presented in **Appendix A** of this report.

2.0 Existing Site Condition

2.1 The Development Site is an irregular shaped site. Area A development site comprises agricultural lands, some car parking uses and a few temporary structures of village settlement etc. with relatively flat topography where site level is approximately ranged from +4mPD to +11mPD rising from south to north. A semi-channelised watercourse passes through the Area A and is also running along the western portion of Area B.

2.2 Existing vegetation is found mainly alongside of the watercourse; naturally propagated species scattered in the vacant lands and abuts to Fung Yuen Road. Fruit tree planting is found associated with temporary structures of the village settlement meanwhile clusters of tree plantation and amenity trees are found along the southern and eastern site boundary of Area A and B.

2.3 The Development Site is immediately bounded by agricultural land, grassland, and village settlements including Lau Hang Village in its north, Tin Sam Villages across Fung Yuen Road to its east, Fung Mei Wai to its west. After the completion of residential development, Mont Vert, at the further north of the Site in 2015, the rural and village type character alongside of Fung Yuen Road is changing with subsequent residential and village house developments.

Existing Trees

2.4 **A total of 684 trees are found within the Development Site**, including 542 trees in Area A Phase I, 88 trees in Area A Phase II, and 54 trees in Area B. The tree composition is largely common tree species in Hong Kong including fruit trees, self-seeded local trees, weedy trees and amenity tree species. Fruit tree planting is found associated with temporary structures of the village settlement meanwhile clusters of tree plantation and amenity trees are found along the southern and eastern site boundary of Area A and B.

2.5 Majority of the trees are self-seeded local tree species, plantation or fruit trees originally planted in the area. Dominant species includes *Macaranga tanarius* var. tomentosa, *Ficus hispida Clausena lansium, Dimocarpus longan, Litchi chinensis*, and *Leucaena leucocephala* etc. Existing trees condition refers to **Tree Survey Report** in **Appendix A** of this report.

2.6 No rare or protected tree species (Cap 96 refers) is found to exist on site. No registered Old and Valuable Trees (DEVB TC(W) No. 5/2020 Registration and Preservation of Old and Valuable Trees) is found to exist. Meanwhile, the *Dalbergia* spp. and *Lagerstroemia* spp. are listed and regulated under control of their import and export by the Cap. 586 and/or CITES. There are 3 nos. of *Dalbergia odorifera* and 12 nos. of *Lagerstroemia speciosa* are found in Area A Phase I which were originally planted for amenity purposes. These plantations do not subject to the designated criteria mentioned above. These trees will be affected by the proposed works. Given that these trees are immature specimens and majority of them have poor form and structural conditions, and also have evidence of unrecoverable defects, therefore recommends to remove.

2.7 **70 trees in Area A Phase I and Area B** are found relatively in fair condition which contribute in form of groups to the existing watercourse or roadside landscapes and having considered suitable to fit in the future residential/ institutional landscapes, therefore are proposed to be retain in-situ or through tree transplanting. The proposed developments have recognised the importance of these resources in the existing and planned landscape context integrated with the preserved watercourse, setback of building and basement is incorporated into the development scheme to facilitate the tree preservation. However, having considered the constraints of the site and the development needs including i) reserved enough space to accommodate buildings, EVA and carparking facilities, utilities and drainage proposals, ii) regulates the site level to resolve the flooding problem, iii) provision of open space and recreation facilities for the future residents and the village neighbourhoods, the remaining trees are inevitably to be affected. Trees with unrecoverable defects and poor condition and weedy trees are suggested to be removed aiming to improve sustainability of the future landscape. As a result, **the remaining 496 trees are proposed to be felled which over half of them have unrecoverable defects, and removal of 118 nos. of weedy trees, *Leucaena leucocephala*.** The removal of trees will be compensated and replaced with a combination of high quality broadleaf and ornamental trees through maximised greening opportunity with the developments.

2.8 Having considered the building disposition, fulfilling EVA and drainage and flooding prevention requirement, provision of good quality communal spaces for users, preservation of the watercourse and good quality planting establishment, the planting proposal has been maximised the tree planting opportunities within the Development Site. **A total of 502 new trees** in heavy standard to standard sized stocks and whip planting will form the new tree planting proposal. The replanting ratio of 1:1.07 (496 trees felled: 502 trees planted) could be achieved. In combination **with the retention of 70 trees in-situ**

and through tree transplanting, the proposed developments would able to accommodate **total 572 trees within the Development Site**. Through the implementation of tree preservation and new tree planting proposal, replacement of weedy trees with quality tree specimens, the loss of landscape resources will be alleviated, and the landscape context and amenity will be enhanced in long term after the planting proposal fully established.

2.9 The selection of good quality species will enhance both the ecological and landscape context, improves bio-diversity in the local landscape context and provides a high quality environment for the future residents, facilities users, visitors as well as the village neighbourhoods. Upon full establishment of the planting proposals, the proposed developments will fit into the sub-urban landscape context of Fung Yuen.

2.10 Besides the treatment of existing trees, as a landscape resource, existing watercourse/stream is another landscape resource being respect in the development scheme. Section of the watercourse/stream is running along the eastern side of the Development Site, although it has been partially engineered near the road with concrete drainage wall surface. It remains largely unchanged under the current scheme with exception of link bridges over the watercourse at selected locations are necessary connecting Area A Phase I and Area A Phase II developments from Fung Yuen Road as well as to the villages in the further west. To resolve the current flooding problem, raise of the site formation levels and drainage improvement works are required in Area A. Having considered the needs of the proposed developments and associated improvement works for the neighbourhoods, impact on this medium valued landscape resource is not significant. Landscape mitigation measures to the affected resources, including preservation of the watercourse original alignment and its appearance through building setback, incorporation of landscape gardens alongside of the watercourse, would maintain, restore and enhance its visual amenity, and in combination with tree preservation and vegetation alongside of the watercourse with infilled new planting, proposed developments and its associated landscape proposals would enhance the landscape value and visual amenity of the local rural context.

2.11 Given the above responsive design approach, the proposed developments would fit into the immediate rural and watercourse landscape context as well as the village and residential developments adjacent to the Development Site. Upon full establishment of mitigation measures mentioned above, impact on existing trees and watercourse/stream is found acceptable with mitigation measures.

3.0 Landscape Design Proposal

3.1 The concept underpinning the Landscape Proposal, presented as **Figure 1.1 to 1.4**, is to provide a synthesis between the contemporary design philosophy and sustainable development principles responding to both site context and the proposed nature of the development, and respecting the existing rural, village and residential landscape features alongside of Fung Yuen Road in Tai Po.

3.2 The design has sought to be more sustainable through the preservation of existing trees alongside of the watercourse. Building disposition and extent of basement carpark are adjusted in the proposed scheme to allow tree preservation in groups to continue their contribution to the landscape and ecological context. Organic and naturalistic design approach will be adapted to the landscape design of the proposed developments, which

will be fit into the surrounding landscape context. New tree and/or hedge planting have been allocated along the periphery of the Development Site to soften the development edge. In addition, landscape cores including an Evergreen Garden is proposed in the north of Area A Phase I and a Riverside Garden in the centre of Area A Phase II which comprise of new tree plantings to create a better integration with the village environ. The landscape design intent is shown in **Figure 1.1 to 1.4 Indicative Landscape Proposal and Figures 2.1 – 2.4 Landscape Sections.**

3.3 The landscape design proposal is described in terms of the main design objectives followed by a description of the key landscape components, and finally the landscape elements including the proposed hard and soft landscape, which form the palette of materials.

4.0 Landscape Design Objectives

4.1 Landscape design is an important contributor to the establishment of a sense of community within this new development. All open spaces within the Development Site should take place within a framework with a clear strategy. Design of open spaces should be welcoming and inviting so as to encourage movement of pedestrians along safe and attractive corridors, providing landscape vista and activity nodes for the enjoyment of residents.

4.2 The following design objectives are taken into account in the formulation of development scheme and landscape proposal:

- Integrate the proposed developments from landscape and visual perspectives with the existing rural/residential context with aesthetically appropriate landscape treatments;
- Maximise the retention of existing landscape resources particularly the mature and healthy trees and tree clusters and the watercourse;
- Provide a quality and sustainable living environment for the future residents and the users of social welfare facilities of the development;
- The landscape design provides an overall sense of coherency while also responding to the various architectural components of the proposed residential development and surrounding context;
- Edge planting along the site periphery will soften the development edge and provides screening effects;
- Maximise opportunities for the planting of new trees and shrubs within the development to enhance the value of local landscape context;
- Provide adequate open space for the future residents;
- Provide compensation for the loss of existing trees; and
- Maximise opportunities for the greenery within the developments.

5.0 Greenery Coverage

5.1 Upon full establishment of greening measures mentioned in the above landscape design proposal, visible greening at the ground level of the proposed developments will not less than 30% of the total site area of Area A Phase I (not less than 7,970m^2), not less than 20% of the total site area of Area A Phase II (not less than 1,057m^2), and not less than 20% of the total site area of Area B (not less than 669m^2) which are complied with SBG greenery requirement. The greenery coverage within the proposed developments is shown in **Figure 3.0** Greenery Coverage.

6.0 Open Space Proposal

6.1 Adequate open space will be provided in accordance with the requirements of HKPSG for the provision of local open space with the objective of providing high quality passive recreational facilities and features that will satisfy the needs of the future residents. The open space framework for the developments is shown in **Figure 4.0**, the open spaces in Area A Phase I and Area A Phase II are designed for the enjoyment of the residents only, and will be managed and maintained by the property management of the future developments.

6.2 The proposed scheme is designed to meet the requirement providing minimum $1m^2$ per person of private open space as required by the HKPSG i.e. not less than $4,467m^2$ for an estimated population of 4,467 in Area A Phase I including not less than $1,000m^2$ on various level within and near the retail facilities and the public vehicle park for the public and residents and not less than $3,467m^2$ for the exclusive use of residents. The open space (communal space) is designed mainly for passive recreation at the Evergreen Garden, Courtyard Gardens, Children's Play and Fitness Area and sitting-out areas within the development.

6.3 Area A Phase II will provide not less than $702m^2$ for an estimated population of 702. The open space (communal space) is designed mainly for passive recreation at the Riverside Garden, Children's Play and Fitness Area and sitting-out areas within the development.

6.4 In Area B, about $150m^2$ of landscaped sitting-out area could be provided for the users of the RCHE of proposed social welfare facilities. These garden areas will be managed and maintained by the operator of the facilities.

7.0 Landscape Design Components

Entrance Plaza

7.1 The main social focus of the proposed residential developments will be the Entrance Plazas from Fung Yuen Road to the core of the Development Site. Trees, shrubs planting and decorative paving will become dominant features in the Plazas to welcome the future residents and visitors to the developments. The access to the basement carpark and the Plazas will be separated by planting to disguise the functional appearance of engineering structures and navigates the residents and visitors to the residential blocks separated from the road traffic.

Roof Garden and Sitting-out Area

7.2 Roof Garden and Sitting-out Areas on top of /adjoining to the retail facilities and the public vehicle park are designed with sitting-out areas and leisure lawn for the enjoyment of the public and residents. These areas are shaded by trees and designed surrounding the preserved watercourse and preserved trees to provide relaxing and comfortable environment for the users and to appreciate the waterside landscape.

Evergreen Garden

7.3 Another key landscape vista of the residential development is the Evergreen Garden located to the north of the residential area in Area A Phase I. The Garden is designed with tree and whip plantings framing relaxing spaces for leisure lawn, trellis and sitting-out area. Meandering paths under tree shade are designed for tree walk/jogging trail for the users to

appreciate the nature and the preserved watercourse. Landscape berm in the Garden recreates a natural landform borrowing the character from the surrounding rural landscape character. The planting proposal will utilise various sizes of plants and tree stocks to provide instant greening and shade for the users as well as screening for the development in views from Fung Yuen Road. Both native to Hong Kong or locally adopted species will be planted in the garden fitting into the aquatic and rural landscape of the surrounding areas.

Riverside Garden

7.4 Another key landscape vista of the residential development is the Riverside Garden located in the centre of Area A Phase II. Whilst the open area and area under the building cover of Tower T7 of Area A Phase II is reserved for car parking facilities, therefore open space for the future residents is allocated to the other side of the watercourse. The Garden is designed with tree plantings framing relaxing spaces for leisure lawn, trellis, children's play area, fitness area and sitting-out area. Meandering paths under tree shade are designed for tree walk/jogging trail for the users to appreciate the nature and the preserved watercourse. The Garden is a green buffer to Area A Phase I and Area A Phase II developments. The planting proposal will utilise various sizes of plants and tree stocks to provide instant greening and shade for the users as well as screening for the development in views from Fung Yuen Road. Both native to Hong Kong or locally adopted species will be planted in the garden fitting into the aquatic and rural landscape of the surrounding areas.

Courtyard Garden and Sitting-out Area

7.5 Pockets of intimate spaces adjacent to residential blocks and on the roof of the clubhouse are designed in form of Courtyard Garden and Sitting-out Area. Trees and shrub planting provide shade for comfortable sitting-out areas. Path is designed for jogging and strolling. The Gardens allow spaces for morning exercises for the enjoyment of future residents. Planting of ornamental/evergreen and broadleaf tree and shrub with a naturalistic theme will create a comfortable and serene garden environment.

Edge Treatment

7.6 Disposition of building blocks, EVA and the extent of carpark basement have been setback from the site boundary to preserve the watercourse and trees. At the southern portion of the Development Site alongside of the watercourse, the protected climber, *Mucuna championii*, identified by the ecologist, is preserved in-situ with preserved trees forming a naturalist edge for the development.

7.7 New tree and shrub planting by using shade and flooding tolerant species will be infilled alongside of the watercourse. Similar edge treatment will be applied to the planting in the Evergreen Garden.

7.8 Where space allows, the remaining section of the site periphery and alongside of EVA will be planted with tree or hedge to establish a continuous planting strip along edge of site boundary that would soften the development edge in views from Fung Yuen Road and adjacent villages.

7.9 Selected transplanted trees, *Delonix regia,* will be replanted in the new roadside planters abutting to Fung Yuen Road to continue their contribution to the streetscape.

Social Welfare Facilities Complex

7.10 Landscape sitting-out area is designed along the edge of the Social Welfare Facilities Complex abutting to the watercourse for the enjoyment of the users. Preserved and new planted trees will provide shade for the users and screening to the adjacent watercourse.

8.0 Landscape Design Elements

Soft Landscape

8.1 The landscape design has been maximised the opportunities for tree and shrub planting within the developments. The basis for the proposed planting scheme would be providing a green and comfortable environment for resident's/users' recreational needs. Shade trees with dense canopy and flowering shrubs in addition to the use of hard landscape treatments would be used to emphasise the character of each of the landscape zones described above.

8.2 In addition to the design of the hard landscape, the use of well combination of evergreen, broadleaf and/or ornamental trees and/or flowering shrubs will emphasise the character of each of the landscape/activities zones described above, to screen and visually soften the appearance of the development.

8.3 Whilst the soft landscape design is subject to review during the detailed design stage of the project, the following description seeks to establish some guiding principles that are important for implementing the landscape as part of the overall scheme and in ensuring its feasibility.

8.4 The plant species for the landscaped areas will be selected to provide colour throughout the year with seasonal variation. This will be achieved through the selection of species with an interesting form, colour and texture of their foliage and through the use of flowering species to provide an architectural highlight. Shade tolerant species will be considered in the planting area with less exposure of sunlight. Flooding tolerant species will be utilised alongside of the watercourse.

8.5 In order to achieve the landscape character at the initial stage, the trees within the landscape areas will be specified in a combination of various sizes. The following species will form the basis of the planting design proposals and subject to develop at detailed design stage.

Table 8.1 Proposed Planting Mix

Botanical Name	Size (mm)	Spacing (mm)
Tree		
**Bauhinia* x *blakeana*	Heavy Standard / Standard	Minimum 3500-5000mm
**Bischofia javanica*		
Callistemon viminalis		
**Celtis sinensis*		
**Cinnamomum burmannii*		
**Cleistocalyx nervosum*		
Elaeocarpus hainanensis		
**Ficus microcarpa*		
Gordonia axillaris		

Botanical Name	Size (mm)	Spacing (mm)
Tree		
Hibiscus tiliaceus		
Liquidambar formosana		
Melaleuca bracteata 'Revolution Gold'		
Melia azedarach		
Osmanthus fragrans		
**Pongamia pinnata*		
**Schima superba*		
**Sterculia lanceolata*		
Tabebuia chrysantha		
Thespesia populnea		
**Viburnum odoratissimum*		

Botanical Name	Percentage of Mix (%)
Whip Planting Mix	
**Bischofia javanica*	15
**Bridelia tomentosa*	5
**Celtis sinensis*	10
**Cinnamomum camphora*	15
Eriobotrya japonica	5
Ficus carica	5
**Litsea glutinosa*	5
Melia azedarach	10
**Sapium sebiferum*	5
**Sterculia lanceolata*	5
**Reevesia thyrsoidea*	5
Citrus reticulata	5
Litchi chinensis	5
Mangifea indica	5
	100 %

Note: * denotes native tree species.

Botanical Name	Height x Spread (mm)	Spacing (mm)
Shrub		
Alocasia macrorrhizos	500H x 450S	600
Carmona microphylla	600H x 600S	750
Cordyline terminalis	900H x 500S	400
Duranta erecta	300H x 300S	250
Eranthemum nervosum	750H x 600S	600
Gardenia jasminoides	600H x 600S	600
Hibiscus rosa-sinensis (yellow)	750H x 500S	500
Hydrangea macrophylla	400H x 400S	600

Botanical Name	Height x Spread (mm)	Spacing (mm)
Ixora chinensis	200H x 200S	200
Lantana camara	400H x 300S	500
Jasminum mesnyi	400H x 600S	600
Michelia figo	600H x 400S	400
Melastoma candidum	500H x 400S	400
Plumbago zeylanica	450H x 300S	300
Nephrolepis exaltata	300H x 300S	250
Rhapis humilis	1200H x 600S	750
Rhododendron pulchrum	600H x 500S	450
Rhododendron simsii	600H x 500S	450
Schefflera octophylla	300H x 200S	200
Syngonium podophyllum	300H x 300S	250
Hedge Planting		
Ficus benjamina cv. Golden Leaves	2000 x 1000 Columnar	800
Ground Cover		
Alternanthera dentata	200H x 200S	300
Cuphea hyssopifolia	150H x 150S	200
Lantana mista	200H x 300S	500
Ophiopogon aponicas 'variegata'	100H x 150S	250
Phyllanthus myrtifolius	200H x 300S	450
Syngonium podophyllum 'Variegatum'	250H x 150S	300
Zephyranthes graniflora	250H x 250S	200
Lawn		
Axonopus compressus		
Zoysia japonica		

Soil Depth for Planting Areas

8.6 In order to ensure that these planting proposals are feasible, it is proposed that an adequate planting medium be incorporated into the design of the soft landscape areas. For example, the tree planting in planter or planting area will utilise a minimum 1200mm depth of planting medium, 600mm depth of soil will be required for shrub areas and a minimum soil depth of 300mm for lawn. These are minimum soil depths required in planting areas and planters with exclusion of structural and drainage layers to ensure healthy plant establishment. Planting spacing and soiling requirement follow the guidelines for tree planting published by DEVB GLTM and have considered the mature size of proposed species to ensure enough space is reserved for healthy establishment of the new planted trees.

Irrigation and Drainage

8.7 The proposed irrigation system will be via automatic/ manual water point operation, covering the entire planting area within the Development Site. The proposed source of water supply is subject to final approval from the Water Supplies Department. Sub-Soil drainage shall be provided for all planting areas.

Feature Paving

8.8 The paving will be an important element of the open space design, both in aesthetic terms and in producing a hardwearing landscape for usage by the future residents. On pedestrian routes the design of the proposed paving will highlight feature entrances of the clubhouse, thresholds and key nodal points. These surfaces would be constructed of high quality materials in feature patterns achieved through the use of colour, texture and finishes designed to establish themes across the Development Site.

8.9 Non-slip paving materials will be selected to suit the various recreational areas within the site and the proposed finishes and materials are summarised below:

- EVA / driveway: Concrete paving modular punctuated with natural granite banding /accents at key nodal points;
- Landscape Gardens and Open Spaces: A combination of natural and artificial granite and/or recycled pavers with different sizes and colours to form attractive patterns, and responding to the overall design theme and character of individual activities zones; and
- Wood deck: Recycled wood decking.

8.10 Wherever possible all open spaces will cater for multiple use and needs including people with impaired ability and access for the disabled provided in accordance with Building Department's Design Manual on 'Barrier Free Access, 2008'.

Lighting

8.11 The lighting design concept for the landscaped areas will be designed to contribute to the quality of the development in nocturnal views providing an aesthetically pleasing environment through the creation of mood and highlighting of landscape elements. All the accessible points and open space areas will be provided with sufficient illumination to meet the required lighting standards. Lighting designed for all open space will be carefully designed to avoid glare and shall be effective in energy saving. A timer switch control system shall be provided and where possible the lighting will be designed to avoid spillage and potential glare impacts.

Street Furniture and Landscape Structures

8.12 The landscape design will include the provision of street furniture such as benches and railing which in addition to its functional attributes would also contribute to the perceived quality of the landscape.

Treatment of Engineering Structures/Slopes

8.13 Engineering structures such as retaining wall/slope will be aesthetically enhanced through the use of soft landscape works to give man-made structures a more naturalistic appearance blending into the naturalistic setting adjacent to the site. Planting of hedges/climbing plants abuts to the wall/built structure/ on slope to soften the hard edges and disguise its functional appearance.

9.0 Landscape Management and Maintenance

9.1 Upon completion of the construction works, a 12-months defect liability period will be implemented which applies to both hard and soft landscaping works. The soft landscape specialist contractor will be responsible for the maintenance of planting during this first year following practical completion to ensure proper establishment of planting works. Ultimately the property management team of proposed development will employ maintenance staff to take care of all landscape areas including hard and soft landscape works as described below:

Hard Landscape Elements

I - Routine Maintenance (Daily –Weekly)

a. Rubbish and litter removal;
b. Sweeping and cleaning;
c. Water feature cleaning; and
d. Damage inspection and repair for site furniture and light bulb replacement.

II – Annual / Long Term Maintenance

a. Repainting;
b. Resurfacing of worn pavements;
c. Replacing worn parts site furniture, lighting fixture and other facilities;
d. Replacement of worn landscape furniture; and
e. Soft Landscape Elements

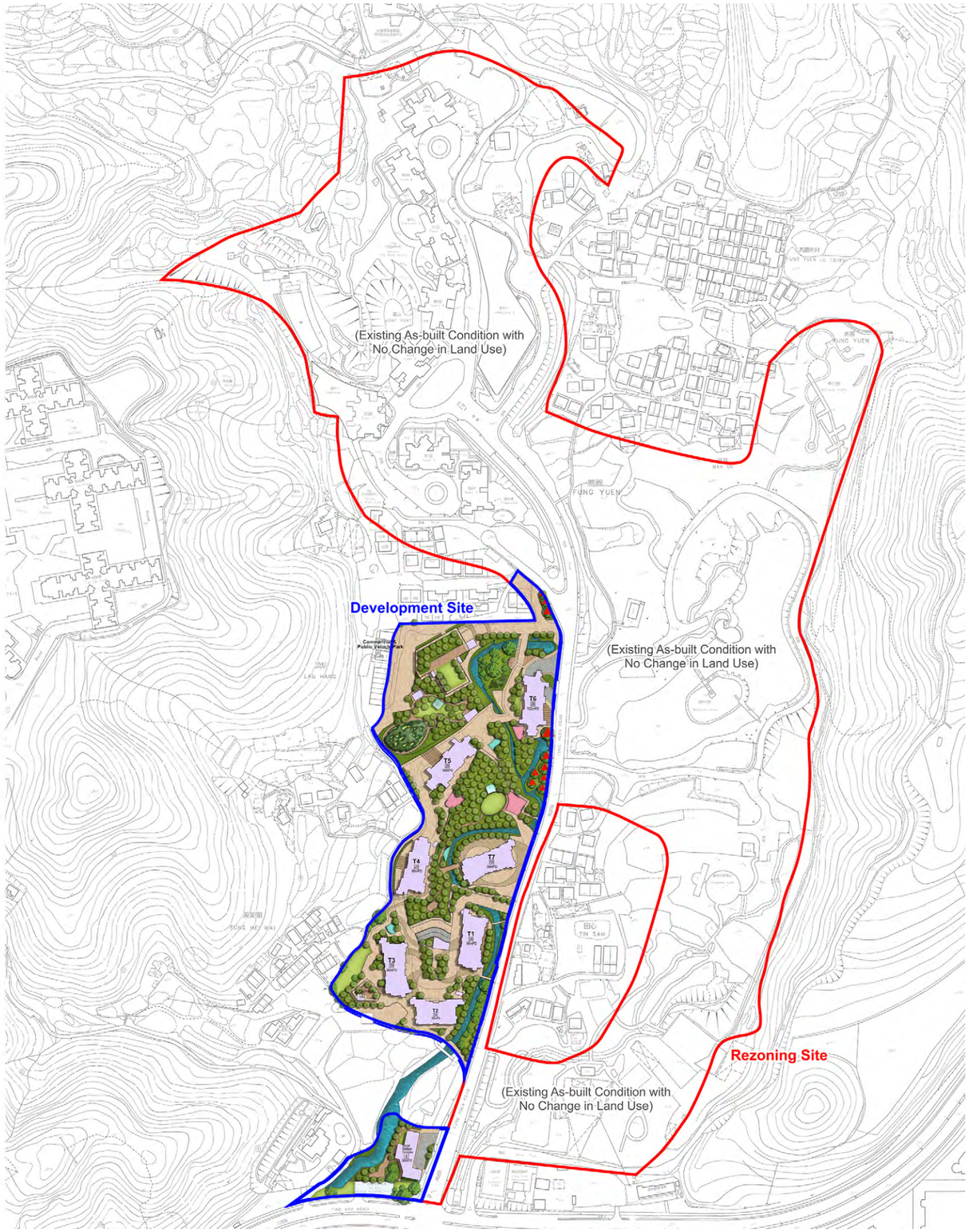
Soft Landscape Elements

9.2 The softworks contractor will be responsible for a 12-month establishment period of plants after practical completion of the planting works. It allows a period of time for proper establishment of the plants.

9.3 Upon the end of the 12-months establishment period, the developer will employ maintenance staff to take care of all landscape areas within the development.

Figures

N



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Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Indicative Overall Landscape Plan

SCALE	As Shown	DATE	September 2025	
CHECKED	ELK	DRAWN	TEAM	
FIGURE NO.	FIGURE 1.1			REV -

ADI LIMITED
LANDSCAPE ARCHITECTURE, URBAN DESIGN AND MASTER PLANNING
10/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG
TELEPHONE 2131 8630 FACSIMILE 2131 8609



LEGEND

- Development Site Boundary
- Retained Tree
  Area A Phase I: 45 nos.
  Area A Phase II: 0 nos.
  Area B: 15 nos.
- Transplanted Tree
  Area A Phase I: 4 nos.
  Area A Phase II: 0 nos.
  Area B: 6 nos.
- New Tree Planting
  Area A Phase I: 250 nos.
  Area A Phase II: 88 nos.
  Area B: 15 nos.
- Whip Planting
  Area A Phase I : 149 nos.
- Bench
- Trellis
- Watercourse
- +6.00 Proposed Level
- Shrub Planting
- Lawn
- Jogging Path/Tree Walk
- Decorative Paving
- Children's Play Area
- Fitness Area
- Pedestrian Entrance / Exit
- Vehicular Entrance/ Exit

1. Entrance Plaza creates an entrance threshold to PVP, retail shops and roof garden and its adjoining sitting out areas and to its neighbourhood.
2. Evergreen Garden comprises new trees and whip planting framing spaces for leisure lawn and sitting-out area which creates recreational spaces for the residents to appreciate the rural and waterside environ.
3. Courtyard Garden adjacent to residential block creates intimate relaxing spaces for the residents.
4. Building and carpark basement setback allows preservation of the watercourse and trees.
5. Riverside Garden comprises new trees planting framing spaces for leisure lawn, children's play area, fitness area and sitting-out area connecting by jogging trail which creates recreational spaces for the residents to appreciate the rural and waterside environ.
6. Transplant mature trees abuts to Fung Yuen Road that will continue their contribution to the streetscape amenity and creates instant greening effect
7. Decorative paving disguises functional appearance of the EVA
8. Tree/hedge planting along internal road/ EVA
9. Footpath connection to the neighbourhoods
10. Sitting-out area designed to appreciate existing trees and the watercourse.
11. Edge planting to soften development edge and creates screening effect.
12. Link Bridge for pedestrian access from inland to Fung Yuen Road

Development Site

Site Area Area A Phase I : 26,567m²
Private Open Space: Total not less than 4,467m²
(For estimated population of 4,467 people)
including not less than 1,000m² on various level within and near the retail facilities and the public vehicle park for the public and residents and not less than 3,467m² for the exclusive use of residents.

Site Area Area A Phase II : 5,287m²
Private Open Space for residents: Total not less than 702m²
(For estimated population of 702 people)

Site Area Area B: 3,347m²
Private Open Space for users: Total not less than 150m²
(For estimated population of 150 people)

0 10 20 50m

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Indicative Landscape Proposal - Sheet 1 of 3

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 1.2	REV	-

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Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Indicative Landscape Proposal - Sheet 2 of 3

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 1.3	REV	-

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LANDSCAPE ARCHITECTURE, URBAN DESIGN AND MASTER PLANNING
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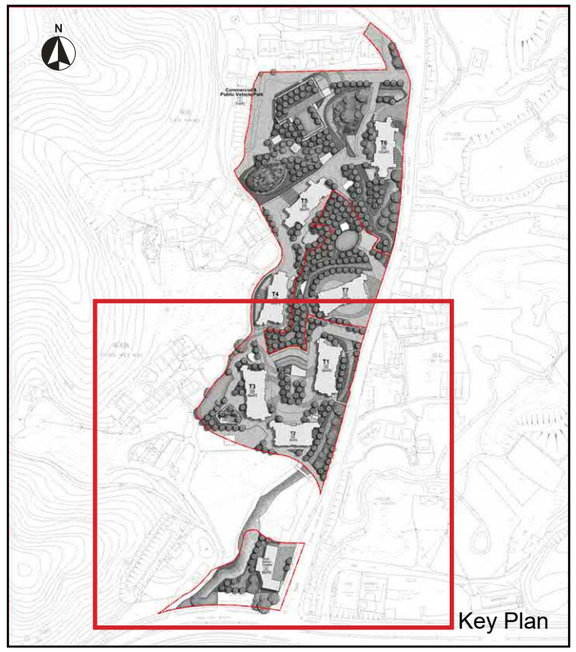
LEGEND

- Development Site Boundary
- Retained Tree
  Site A Phase I : 45 nos.
  Site A Phase II: 0 nos.
  Site B : 15 nos.
- Transplanted Tree
  Site A Phase I : 4 nos.
  Site A Phase II: 0 nos.
  Site B : 6 nos.
- New Tree Planting
  Site A Phase I : 250 nos.
  Site A Phase II: 88 nos.
  Site B : 15 nos.
- Whip Planting
  Site A Phase I : 149 nos.
- Bench
- Trellis
- Watercourse
- +6.00 Proposed Level
- Shrub Planting
- Lawn
- Jogging Path/Tree Walk
- Decorative Paving
- Children's Play Area
- Fitness Area
- Pedestrian Entrance / Exit
- Vehicular Entrance/ Exit



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Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Indicative Landscape Proposal - Sheet 3 of 3

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 1.4	REV	-

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LANDSCAPE ARCHITECTURE, URBAN DESIGN AND MASTER PLANNING
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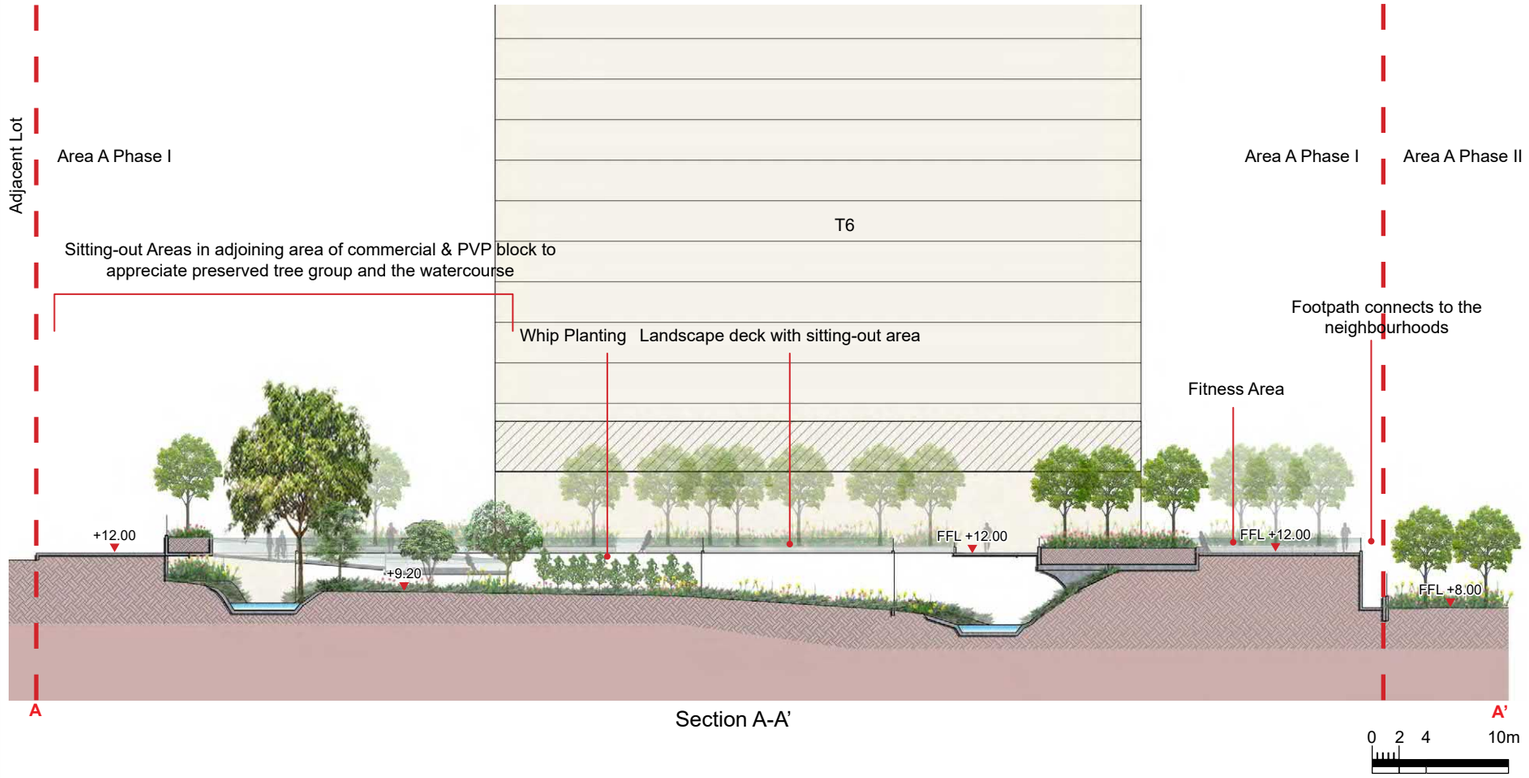
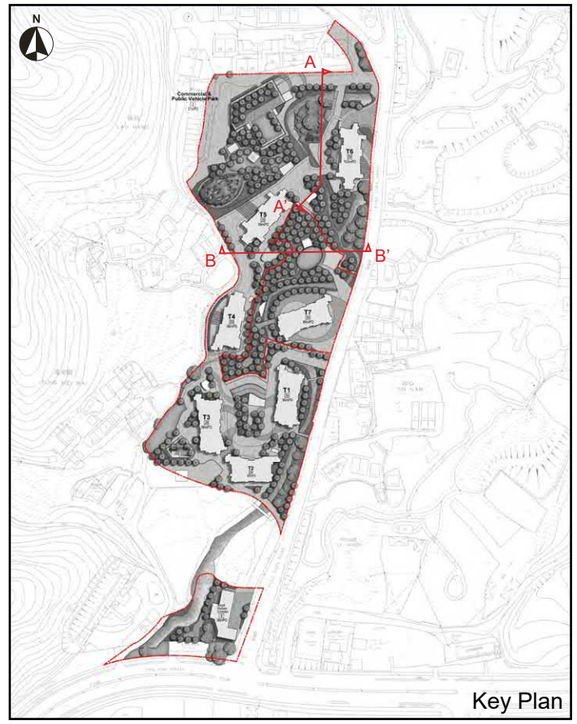
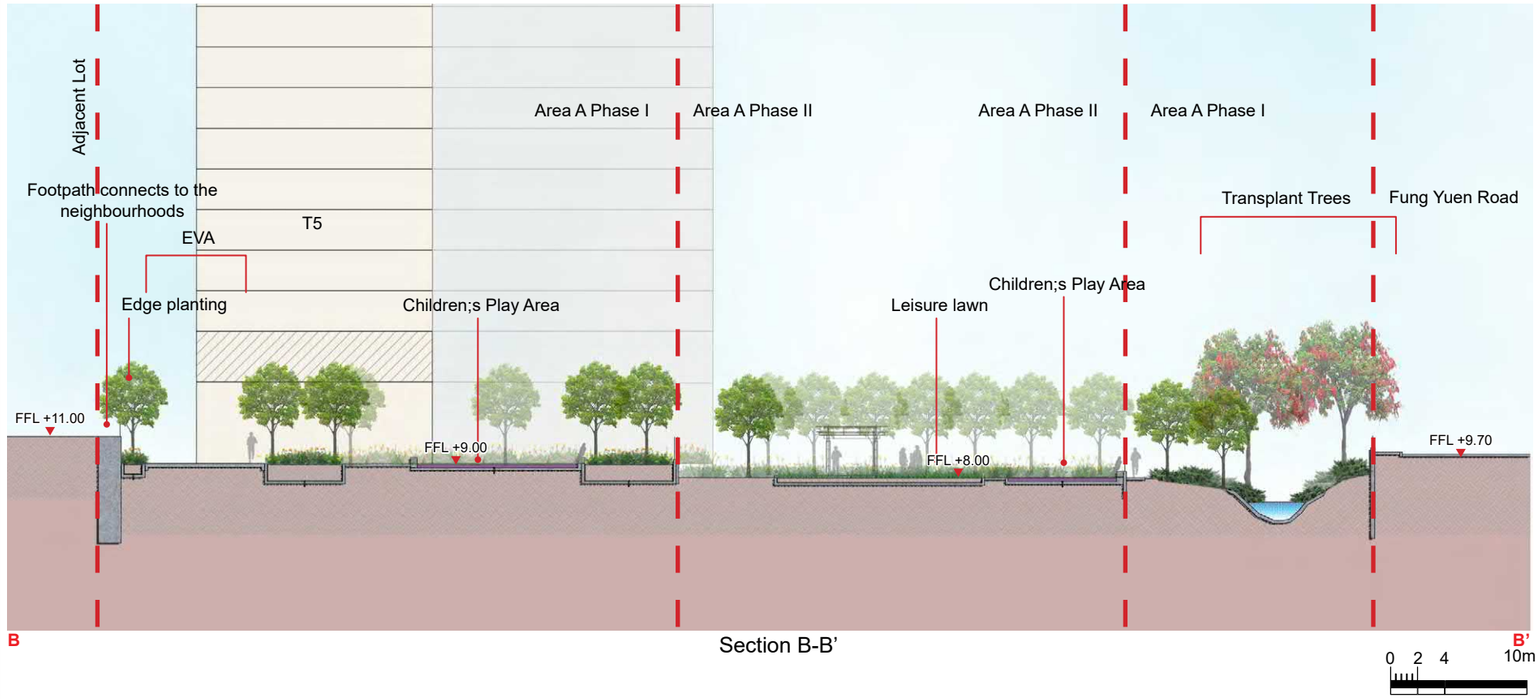


Section A-A'





Section B-B'

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Landscape Sections A-A' and B-B'

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 2.1	REV	-

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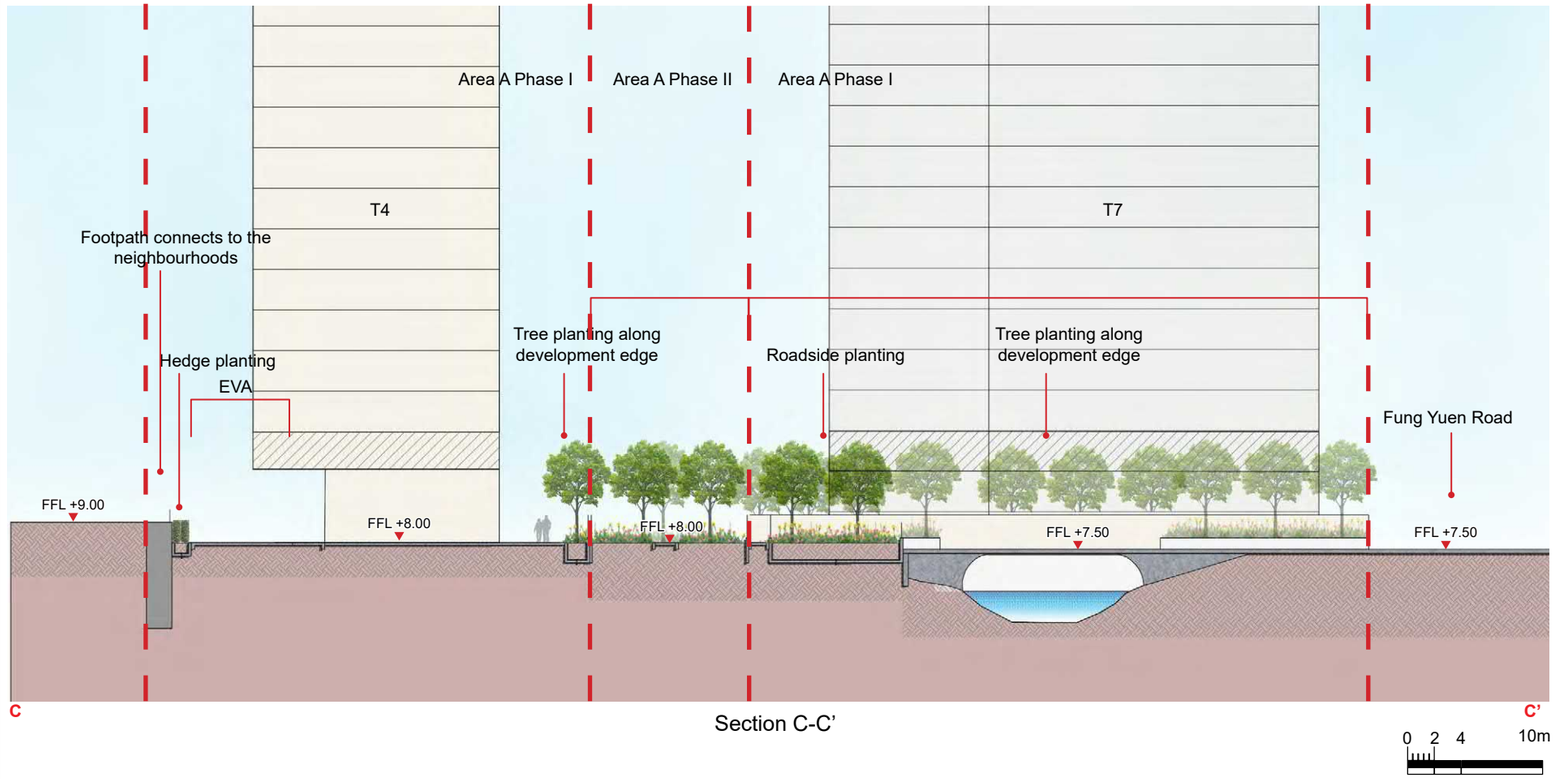
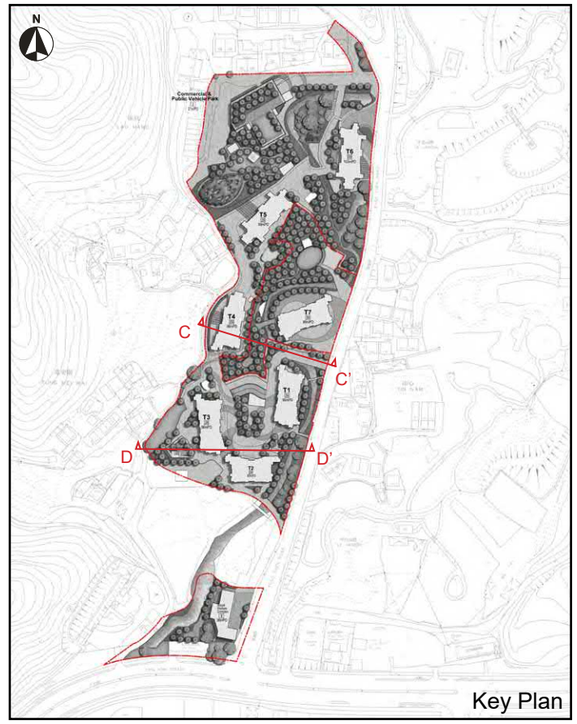
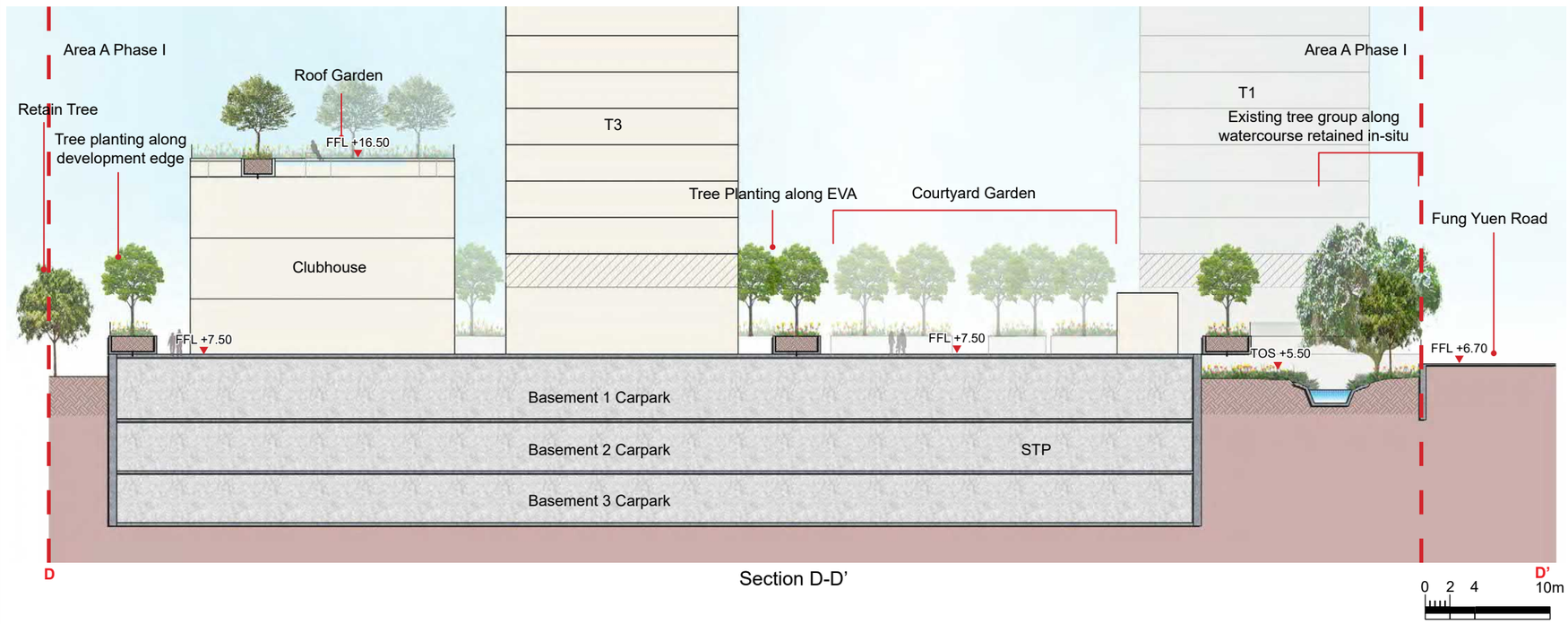


Section C-C'





Section D-D'

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Landscape Sections C-C' and D-D'

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 2.2	REV	-

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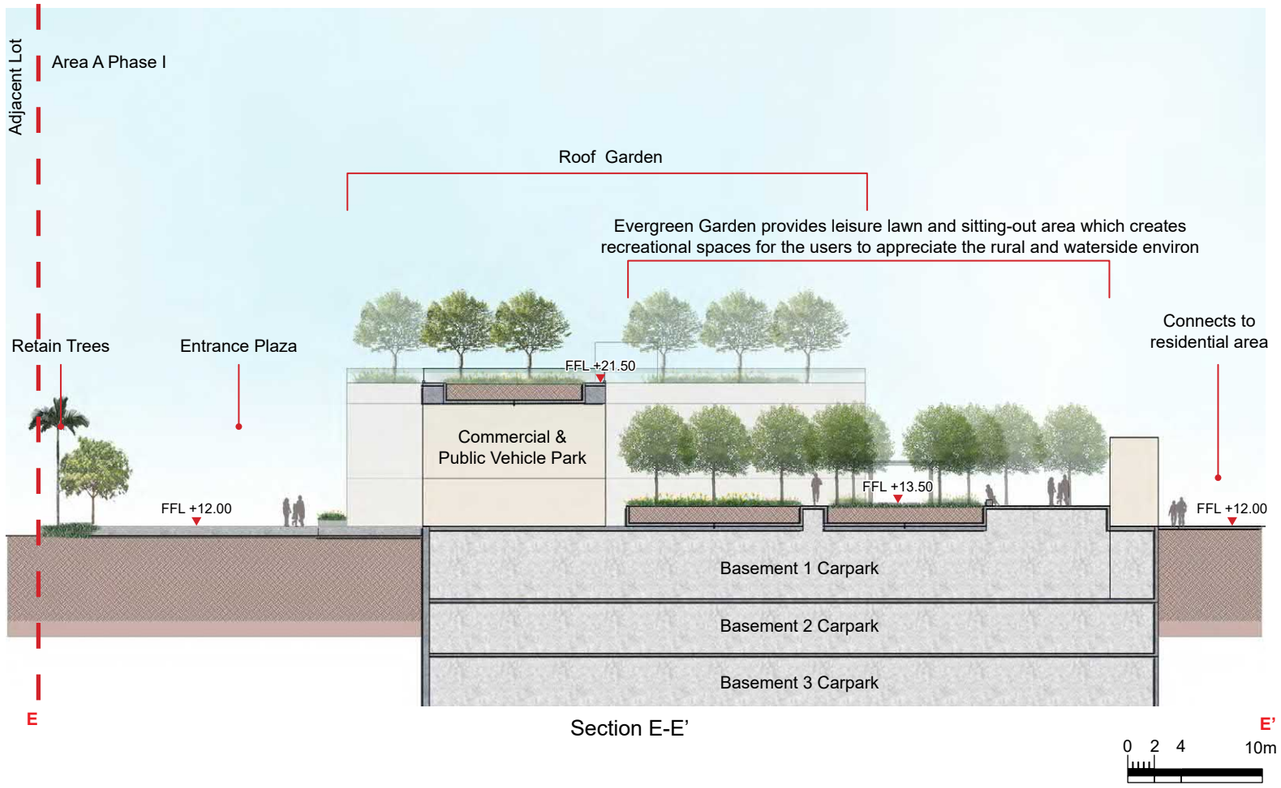
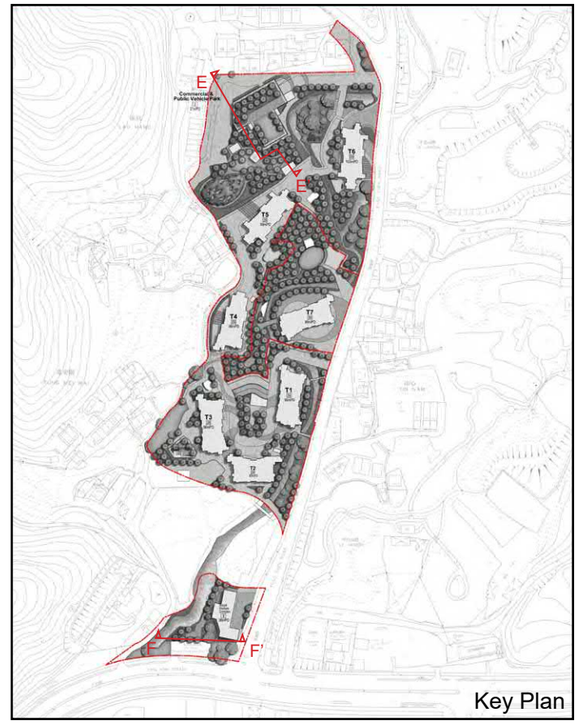
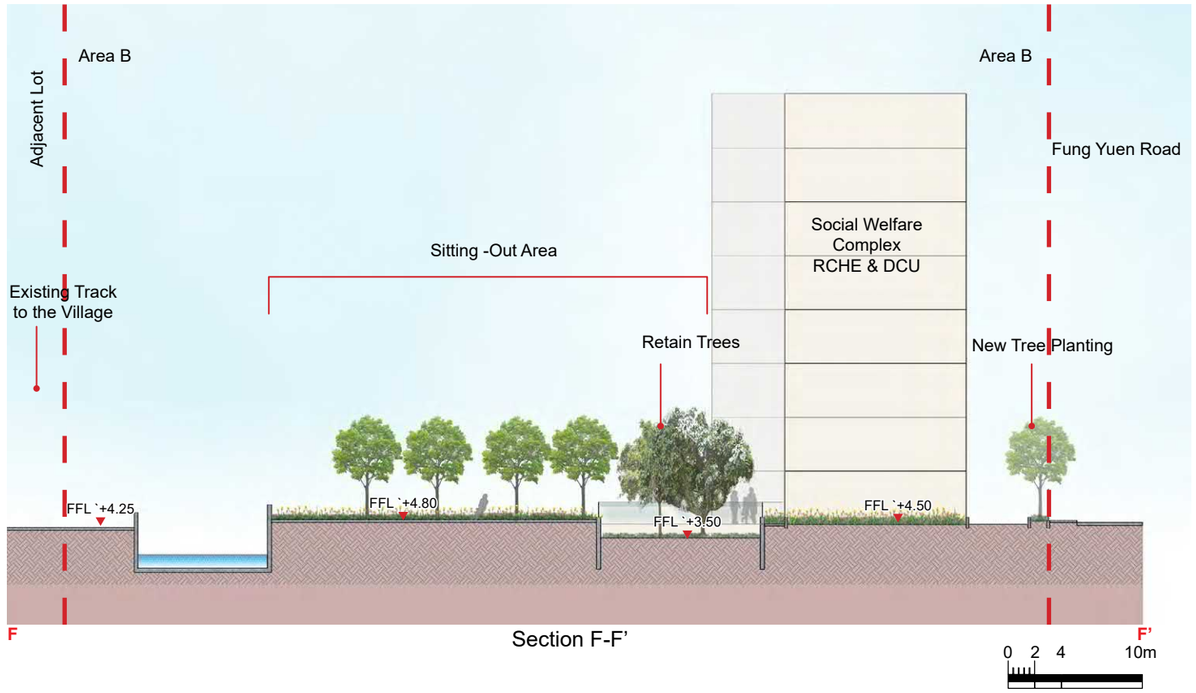


Section E-E'





Section F-F'

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Landscape Sections E-E' and F-F'

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 2.3	REV	-

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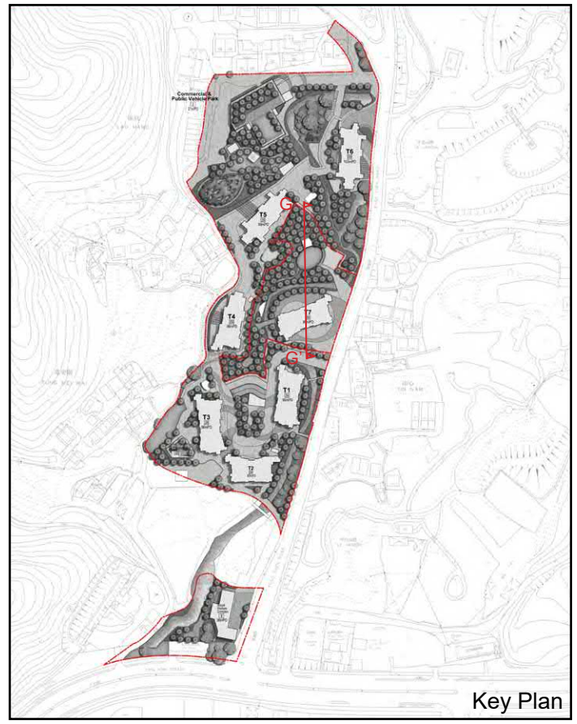
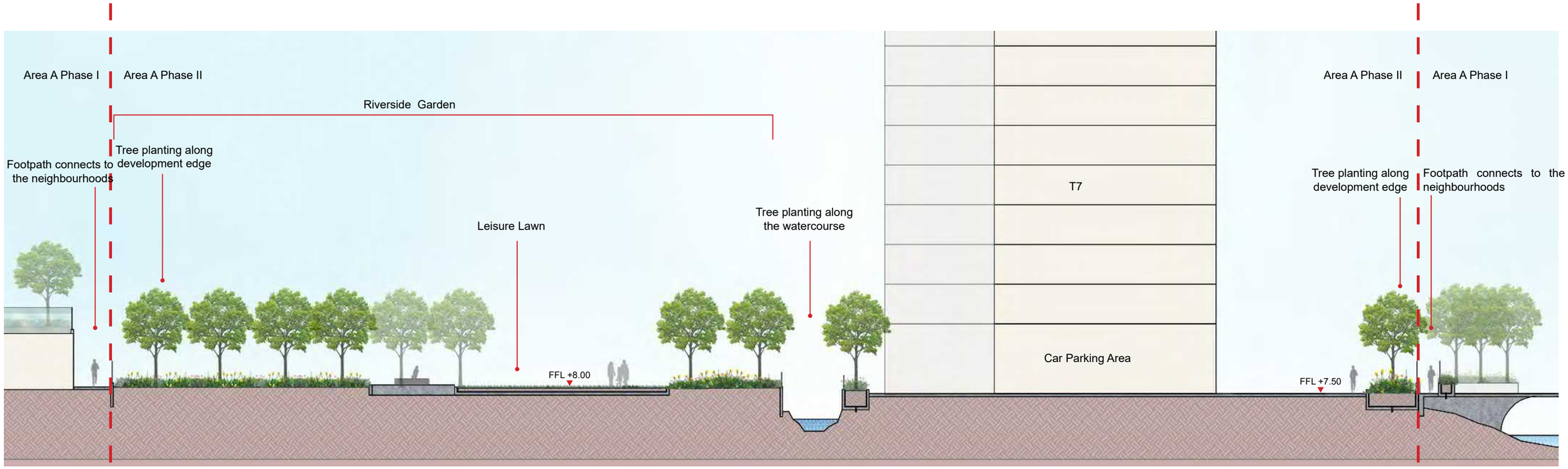


Key Plan



Section G-G'

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Landscape Sections G-G'

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 2.4	REV	-

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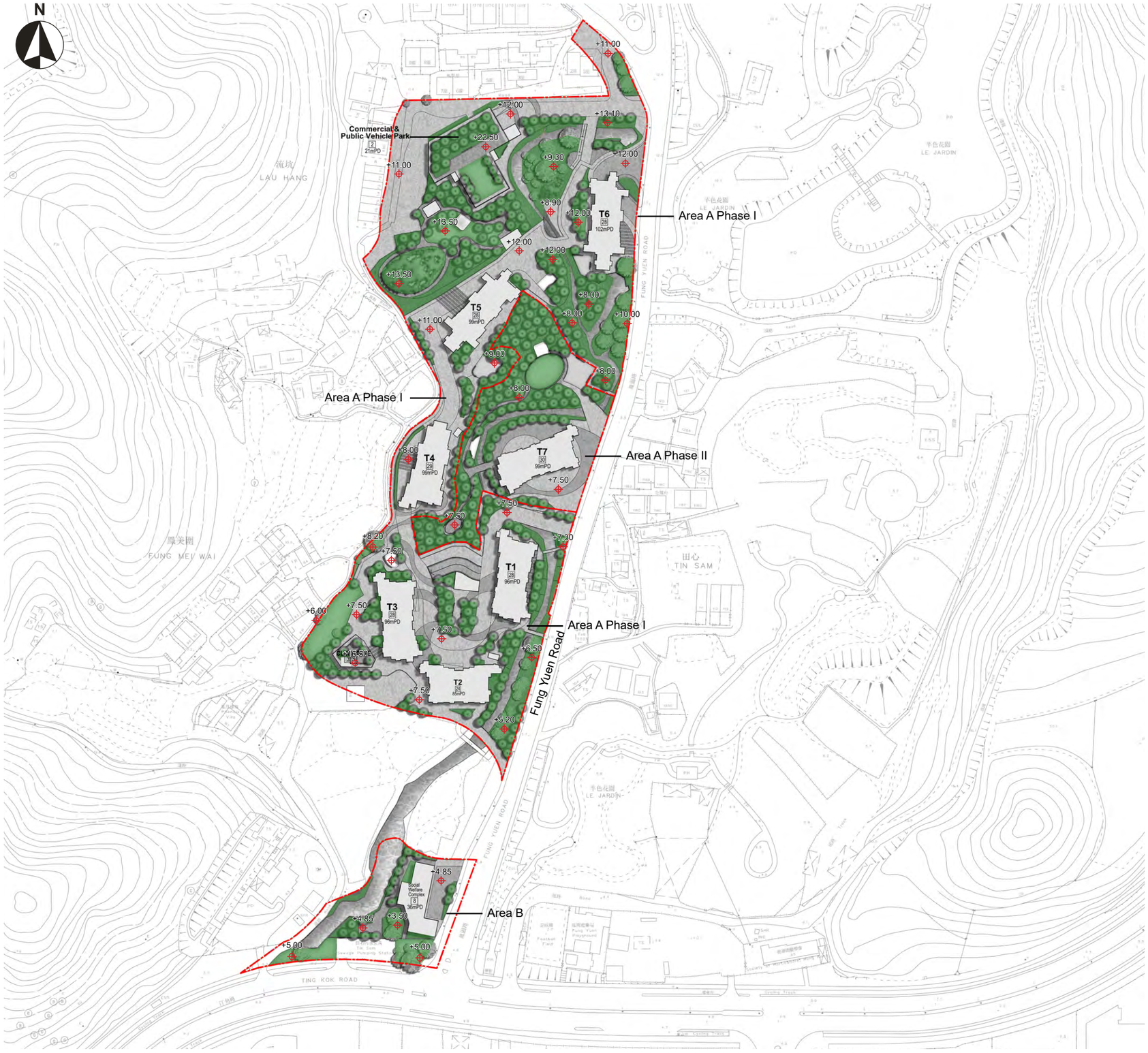

LEGEND

Development Site Boundary

+6.00 Proposed Level

Uncovered Greenery Coverage

Note:

Development Site

Site Area Area A Phase I : Not less than 7,970m²
(30% of site area of about 26,567m²)
Site Area Area A Phase II : Not less than 1,057m²
(20% of site area of about 5,287m²)
Site Area Area B : Not less than 669m²
(20% of site area of about 3,347m²)

0 10 20 50m

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Greenery Coverage

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 3.0	REV	-

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10/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG
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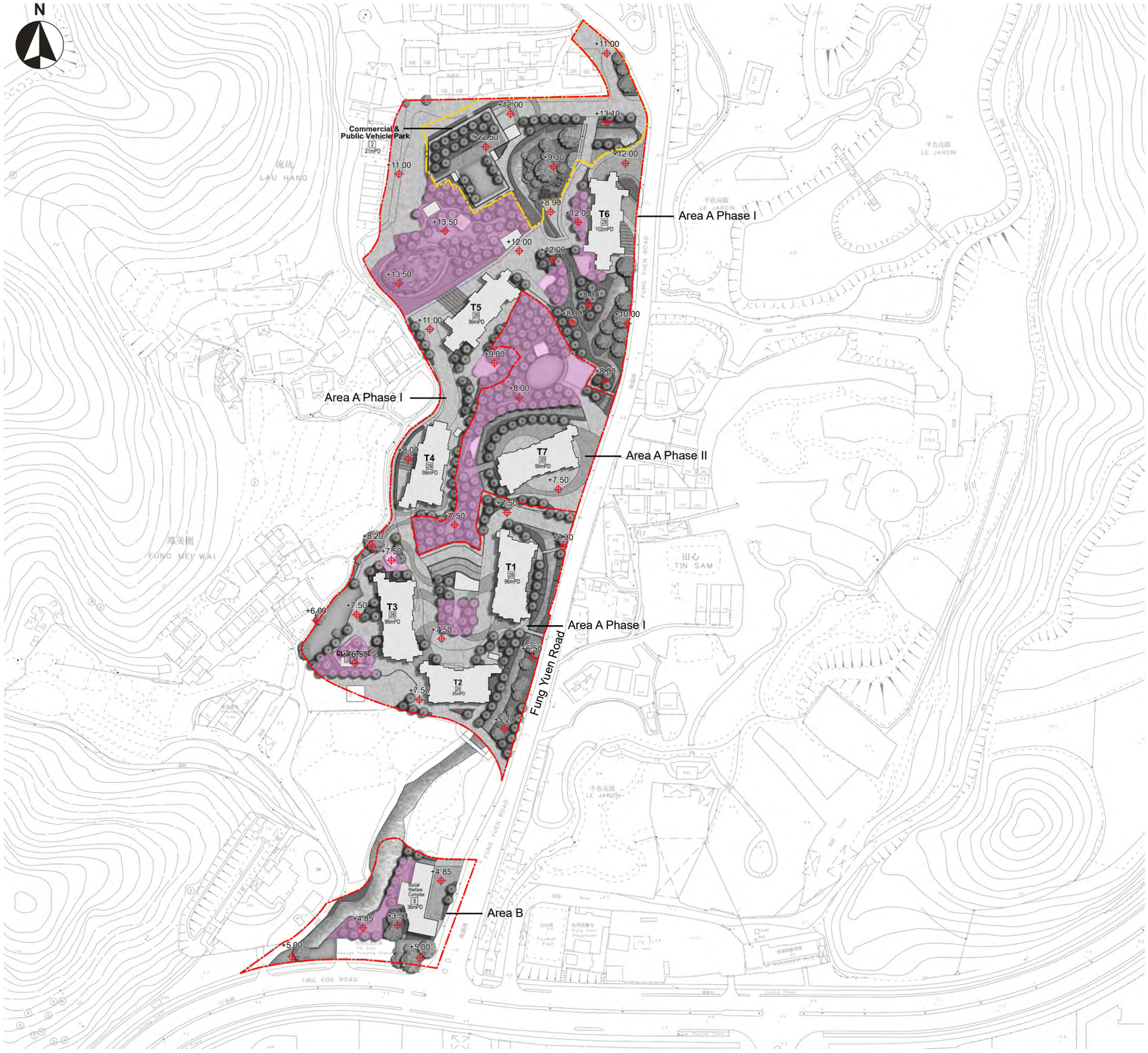


LEGEND

- Development Site Boundary
- +6.00 Proposed Level
- Private Open Space (for the exclusive use of residents)
- Private Open Space (Potential area to incorporate open space for the public and residents)

Note:
Following HKPSG requirement
(1m²/person(estimated population))

Private Open Space for Residents

Area A Phase I :
Private Open Space for residents: Total not less than 4,467m²
(For estimated population of 4,467 people)
including not less than 1,000m² on various level within and near the retail facilities and the public vehicle park for the public and residents and not less than 3,467m² for the exclusive use of residents.

Area A Phase II :
Private Open Space for residents: Total not less than 702m²
(For estimated population of 702 people)

Area B :
Private Open Space for users: Total not less than 150m²
(For estimated population of 150 people)

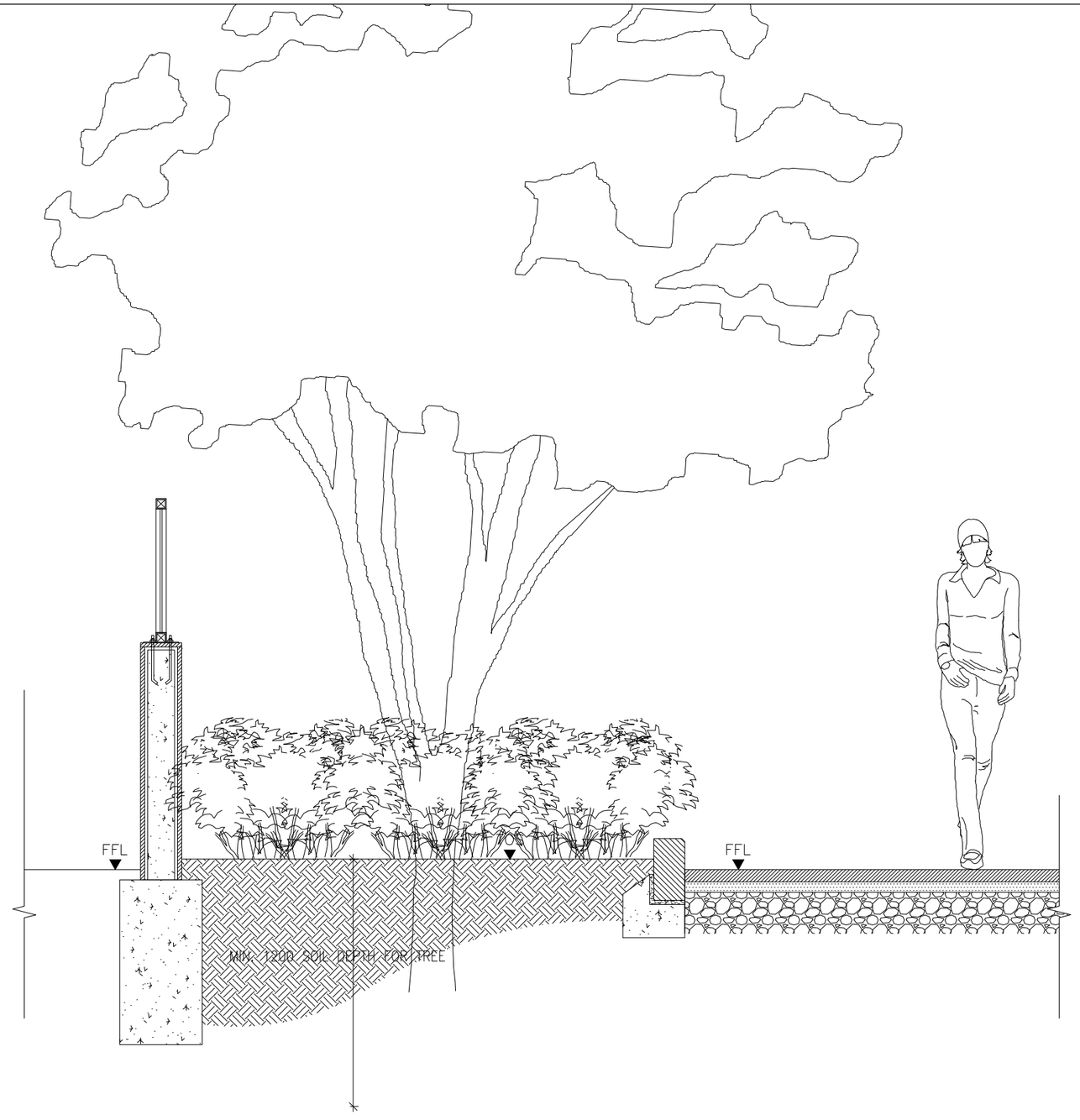
0 10 20 50m

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Open Space Framework

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 4.0	REV	-

ADI LIMITED
LANDSCAPE ARCHITECTURE, URBAN DESIGN AND MASTER PLANNING
10/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG
TELEPHONE 2131 8630 FACSIMILE 2131 8609



TYPICAL LANDSCAPE DETAIL - AT GRADE PLANTING AREA

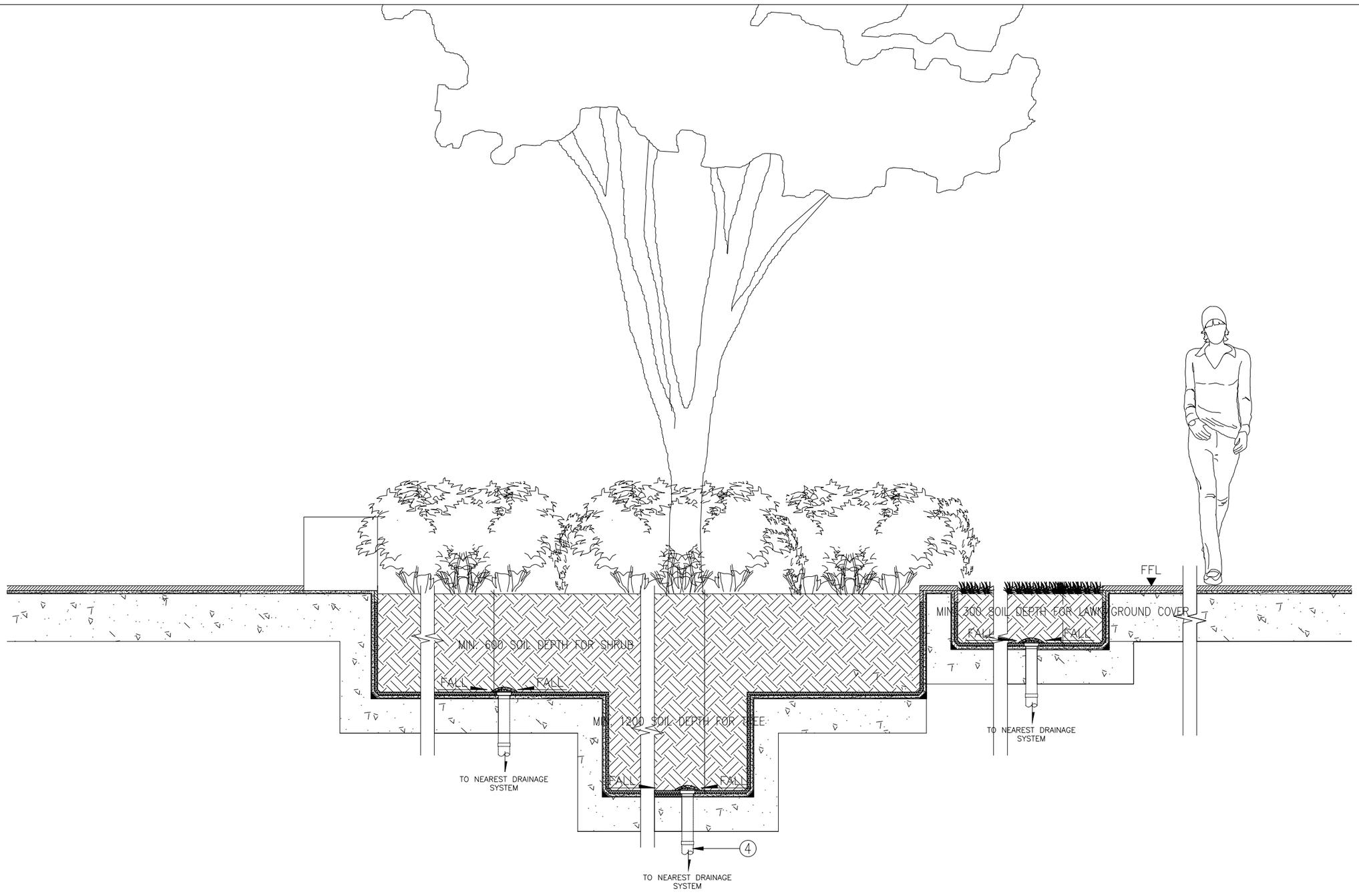
0 200 400 1000mm

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities
at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Typical Landscape Detail - At Grade Planting Area

SCALE	As Shown	DATE	September 2025	
CHECKED	ELK	DRAWN	TEAM	
FIGURE NO.	FIGURE 5.1			REV -

ADI LIMITED
LANDSCAPE ARCHITECTURE, URBAN DESIGN AND MASTER PLANNING
10/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG
TELEPHONE 2131 8630 FACSIMILE 2131 8609



TYPICAL LANDSCAPE DETAIL - ON SLAB PLANTER

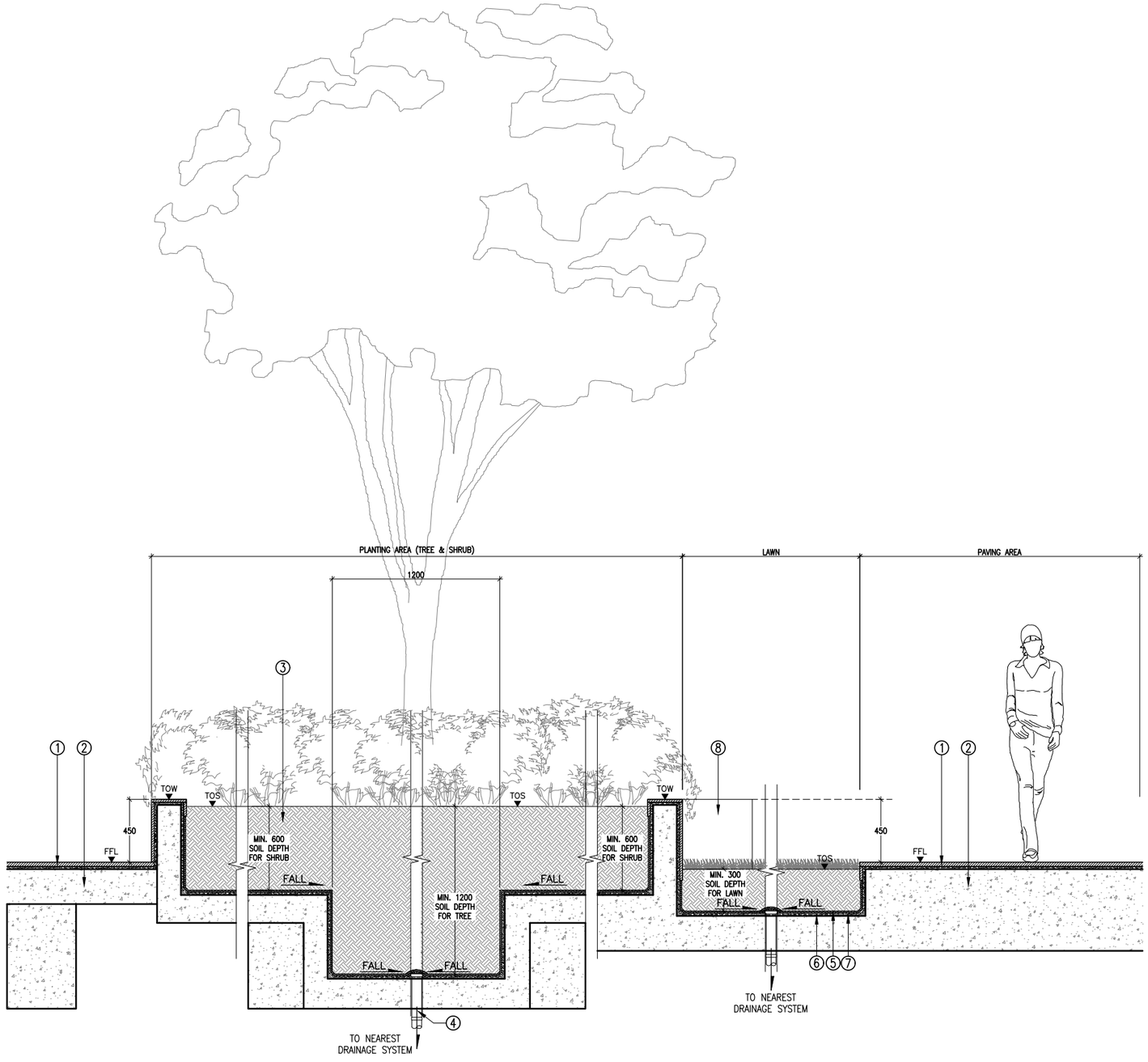
0 200 400 1000mm

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Typical Landscape Detail - On Slab Planting Area

SCALE	As Shown	DATE	September 2025	
CHECKED	ELK	DRAWN	TEAM	
FIGURE NO.	FIGURE 5.2			REV -

ADI LIMITED
LANDSCAPE ARCHITECTURE, URBAN DESIGN AND MASTER PLANNING
10/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG
TELEPHONE 2131 8630 FACSIMILE 2131 8609



① ADJACENT PAVING AS SPECIFIED

② REINF. CONCRETE TO ENGINEER'S DETAIL

③ PLANTING SOIL MIXTURE

④ DRAINAGE PIPE CONNECTED TO DRAINAGE SYSTEM

⑤ COMPOSITE DRAINAGE CELL LAYER

⑥ C/S FILLET

⑦ WATERPROOFING

⑧ BENCH/SITTING EDGE

– TYPICAL LANDSCAPE DETAIL - ON SLAB RAISED PLANTER

0 250 500 1000mm

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Typical Landscape Detail - On Slab Planting Area

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	FIGURE 5.3	REV	-

ADI LIMITED
LANDSCAPE ARCHITECTURE, URBAN DESIGN AND MASTER PLANNING
10/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG
TELEPHONE 2131 8630 FACSIMILE 2131 8609

Appendix A
Tree Survey Report

Appendix A

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Annex II Tree Treatment Schedule
Annex III Photographic Record of Existing Trees
Annex IV Tree Treatment Plan
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1.0 Introduction

1.1 ADI Limited has been commissioned by Fantastic State Limited to carry out a tree survey in support of the S.12A application for the proposed amendments to the Draft Tai Po Outline Zoning Plan No. S/TP/31 ("the OZP") at various lots and adjoining Government land at Fung Yuen, Tai Po, New Territories (hereafter "the Development Site").The objective of the tree survey is to provide a picture of the existing trees on site and make recommendations to their treatment aiming for minimal disturbance to existing trees and eventual high quality landscape setting. This report should be read in conjunction with the indicative landscape proposal.

1.2 The tree survey has been completed in broad accordance with Practice Note for Professional Persons No. 1/2019 Processing and Compliance Checking of Landscape Submissions related to Planning Applications. This report outlines the approach and findings of the tree survey, the type and extent of vegetation that will be affected by the proposed development and the proposed treatment of the vegetation. A formal Tree Preservation and Removal Proposal according to LAO Practice Note No. 6/2023 - Tree Preservation and Tree Removal Application for Building Development in Private Projects will be prepared during the detailed design stage of the project and submits to the relevant government departments for approval at that time. The survey approach is presented as **Annex I – Tree Survey Methodology**.

1.3 The tree survey was undertaken in June 2025 to reflect the current condition of existing trees within the Development Site, and to reflect any potential impact caused on existing trees due to the proposed developments. This tree survey is composed of 3 parts, including the existing trees in Area A Phase I and Area A Phase II within the proposed R(B)13 zone and those in Area B within the G/IC zone. Details of existing trees are presented in **Annex II - Tree Treatment Schedule**, **Annex III - Photographic Record of Existing Trees and Annex IV – Tree Treatment Plan.**

1.4 The proposed developments in Area A alongside of Fung Yuen Road comprises 2 phases: i) Phase I development comprises construction of six residential towers of 24 to 29 storeys (excluding 3 levels of basement); a 3-storey clubhouse; and a 2-storey standalone building block (consisting of a public vehicle park with retail facilities at 1/F); ii) Phase II development comprises one 30-storey residential tower. Area B development comprises a 8-storey Social Welfare Complex for RCHE and DCU abutting to Ting Kok Road. The development proposals also include access road/EVA and other utilities facilities, provision of open spaces and planting proposal which are necessary for future residents/users.

2.0 Existing Vegetation

2.1 The Development Site is situated at the northeast of Tai Po New Town and a sub-urban fringe area near Fung Yuen Valley. The Area A is immediately bounded by village houses of Fung Mei Wai to the west; Fung Yuen Road to the east; low-rise residential property and Ting Kok Road to the south; vacant lands and Fung Yuen village settlement to the north. For the wider context, Tai Po Industrial Estate and high-rise residential development Mont Vert are located at the further southeast and north to the Development Site. The Area B is located at the junction of Ting Kok Road and Fung Yuen Road and adjacent to the Tin Sam Sewage Treatment Plant.

2.2 The Development Site is about 31,854m^2 which consists of two areas: Area (A) and Area (B). Area A in the proposed R(B) 13 zone comprises of two phases: Phase I and Phase II, of an area about 26,567m^2 and 5,287m^2 respectively, and about 3,347m^2 of Area B in the G/IC zone. Area A development site currently comprises agricultural lands, some car parking uses and a few temporary structures of village settlement etc. with relatively flat topography where site level is approximately ranged from +4mPD to +11mPD rising from south to north. A semi-channelised watercourse passes through the Area A development site and is also running along the western portion of Area B.

2.3 Existing vegetation was found mainly alongside of the watercourse; naturally propagated species scattered in the vacant lands and abuts to Fung Yuen Road. Fruit tree planting is found associated with temporary structures of the village settlement meanwhile clusters of tree plantation and amenity trees are found along the southern and eastern site boundary of Area A and Area B.

2.4 Three *Dalbergia odorifera* are found in Area A Phase I, which is an exotic and plantation species commonly planted in parks and gardens. They are affected by proposed works and proposed to be felled due to their poor form, uprooted or serious leaning condition. The *Dalbergia* spp. is listed under the Protection of Endangered Species of Animals and Plants Ordinance (Cap. 586) following the amendments of Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), in order to controlled or prohibited the import, introduction, export, re-export of possession of specimens internationally. Under the ordinance and the convention, it is specified and annotated that only the *Dalbergia* spp. originating and exported from Mexico, and the logs, sawn wood, veneer sheets and plywood are designated for the purpose. The three *Dalbergia odorifera* found on-site are immature and planted specimens not subject to the designated criteria.

2.5 Another common plantation species, *Lagerstroemia speciosa,* are also found in Area A Phase I (12 nos.). They are affected by proposed works and proposed to be felled due to their poor form and poor condition although trading of *Lagerstroemia* spp. is regulated by Cap. 586.

2.6 There is no registered Old and Valuable Tree (DEVB TC(W) No. 5/2020 Registration of Old and Valuable Trees, and Guidelines for their Preservation); rare or protected tree species (based on Forests and Countryside Ordinance, Cap 96) or Champion Trees (identified in the book 'Champion Trees in Urban Hong Kong') found to exist on site.

2.7 A total of 684 trees are found within the Development Site including 542 trees in Area A Phase I, 88 trees in Area A Phase II and 54 trees in Area B, with a DBH over 95mm, are identified within the Development Site according to the tree survey conducted in June 2025. The existing tree location and condition are shown on **Annex IV - Tree Treatment Plan** and **Annex II – Tree Treatment Schedule**. **Photographic Record of Existing Trees** is enclosed in **Annex III**.

Area A Phase I

2.8 A total of **542** trees with DBH over 95mm are identified within Area A Phase I.

2.9 A total of 42 tree species are identified, in which 18 are native species and the other 24 are exotic species which account for 56% and 44% of total tree number respectively. **Table A3.1** below listed the tree species surveyed and their relative abundance. All existing tree species are commonly found in Hong Kong including fruit trees, self-seeded

native trees and amenity tree species. Tree species with the largest number are *Macaranga tanarius* var. tomentosa (26%) and *Ficus hispida* (20%), which are found self-propagated native species in nearby location of the watercourse and in the southwest portion of the site forming the main tree composition of Area A Phase I. Also, many weedy species - *Leucaena leucocephala* (17%) are found. There are 8 fruit tree species comprising 15% of the surveyed trees, including *Dimocarpus longan* (5%), *Clausena lansium* (5%) and *Litchi chinensis* (3%) etc.

Table A3.1 Existing Tree Species Summary – Area A Phase I

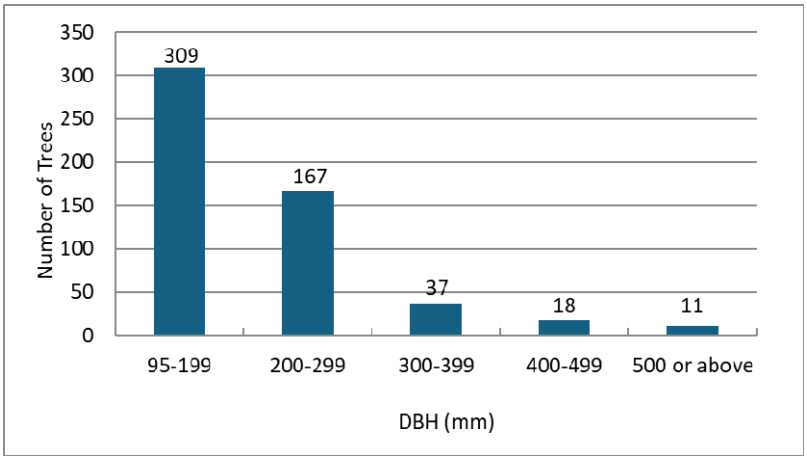
Botanical Name	Chinese Name	No. of Trees	%	Native (N)/ Exotic (E)
Acacia auriculiformis	耳果相思	1	<1%	E
Alangium chinense	八角楓	1	<1%	N
Albizia lebbeck	大葉合歡	2	<1%	E
Archontophoenix alexandrae	假檳榔	1	<1%	E
Artocarpus heterophyllus	菠蘿蜜	1	<1%	E
Bauhinia × blakeana	洋紫荊	1	<1%	N
Bauhinia purpurea	紅花羊蹄甲	2	<1%	E
Bauhinia variegata	宮粉羊蹄甲	1	<1%	E
Bischofia javanica	秋楓	9	2%	N
Bombax ceiba	木棉	16	3%	E
Bridelia tomentosa	土蜜樹	1	<1%	N
Carica papaya	番木瓜	1	<1%	E
Cassia fistula	豬腸豆	2	<1%	E
Celtis sinensis	朴樹	2	<1%	N
Cinnamomum burmannii	陰香	1	<1%	N
Cinnamomum camphora	樟	3	1%	N
Citrus maxima	柚	2	<1%	E
Clausena lansium	黃皮	25	5%	E
Cleistocalyx nervosum	水翁	2	<1%	N
Dalbergia odorifera	降香黃檀	3	1%	E
Delonix regia	鳳凰木	4	1%	E
Dimocarpus longan	龍眼	28	5%	E
Eucalyptus urophylla	尾葉桉	1	<1%	E
Ficus hispida	對葉榕	109	20%	N
Ficus subpisocarpa	筆管榕	1	<1%	N
Ficus variegata	青果榕	8	1%	N
Lagerstroemia speciosa	大花紫薇	12	2%	E
Leucaena leucocephala	銀合歡	94	17%	E
Ligustrum sinense	山指甲	2	<1%	E
Liquidambar formosana	楓香	3	1%	N
Litchi chinensis	荔枝	17	3%	E
Litsea glutinosa	潺槁樹	1	<1%	N

Botanical Name	Chinese Name	No. of Trees	%	Native (N)/ Exotic (E)
Litsea monopetala	假柿木薑子	6	1%	N
Macaranga tanarius var. tomentosa	血桐	142	26%	N
Mallotus paniculatus	白楸	1	<1%	N
Mangifera indica	杧果	4	1%	E
Melaleuca cajuputi	白千層	5	1%	E
Melia azedarach	苦楝	5	1%	E
Osmanthus fragrans	桂花	1	<1%	E
Sapindus saponaria	無患子	3	1%	N
Spondias lakonensis	嶺南酸棗	8	1%	E
Sterculia lanceolata	假蘋婆	10	2%	N
	Total	**542**	**100%**	

2.10 The average DBH of the surveyed trees is 207mm, with average height of 7m and average crown spread of 4.96m, which are indicative of their relatively small size and young age. **Figure A3.1 Existing Tree Size Distribution** below shows that tree size concentrates at range below 200mm DBH (309 nos.; 57%), reflecting majority of trees are relatively immature which are planted or propagated in recent time.

2.11 There are 11 trees with DBH equal to and over 500mm including mature fruit trees, *Dimocarpus longan*, *Litchi chinensis* and *Mangifera indica* and native trees *Bischofia javanica* and *Cleistocalyx nervosum*.

Figure A3.1 Existing Tree Size Distribution – Area A Phase I



2.12 In general, majority of existing trees are in poor to fair form and structural conditions, and fair health conditions. Tree clusters at flat location at the eastern portion near the watercourse are generally in crowded site condition, where trees lack of sufficient space had developed in leaning tree form, poor tapering, crooked trunk and unbalance form. Young trees in the understorey are suppressed by the larger trees. Also, growth of epicormics on trunk or forming tree crown can be found in several trees, reflecting they are under stress and their poor health condition, or suffering from broken branches. Several trees are found topped, collapsed broken trunks or branches, possibly as a result of

previous subsequent inclement weather. Therefore, a part of tree form has been grown shrubby.

2.13 For trees growing at side slopes of watercourse, due to growing condition and occasional flooding, it is common to found severely leaning trees that are structurally weak, few trees with sign if root plate movement and collapsed trees are also observed. Also, climbers grow vigorously and attaching on these trees forming a shading environment at part of the watercourse at the east and south of the site.

2.14 Since defects are quite commonly found on trees and due to site constraint such as sloping dense growing condition and flooding alongside of the watercourse, there are 65% trees in poor form. Together with the consideration of immature size, exotic species without significant ecological value. **Table A3.2** below shows that existing tree condition.

Table A3.2 Summary of Existing Tree Condition – Area A Phase I

Assessment Criteria	Status of Trees	% Trees
Form	Good	0%
	Fair	35%
	Poor	65%
Health Condition	Good	0%
	Fair	94%
	Poor	6%
Structural Condition	Good	0%
	Fair	73%
	Poor	27%
Anticipated Survival Rate after Transplanting	High	0%
	Medium	9%
	Low	91%

Area A Phase II

2.15 A total of **88** trees with DBH over 95mm are identified within Area A Phase II. Similar to Area A Phase I tree composition, Area A Phase II is also dominated by self-propagated species alongside of the watercourse and has a higher percentage of fruit trees found associated with village temporary structures.

2.16 A total of 15 tree species are identified, in which 8 are native species and the other 7 are exotic species which account for 68% and 32% of total tree number respectively. **Table A3.3** below listed the tree species surveyed and their relative abundance. All existing tree species are commonly found in Hong Kong including fruit trees, self-seeded native trees and amenity tree species. Tree species with the largest number are *Macaranga tanarius* var. tomentosa (41%) and *Ficus hispida* (13%), which found self-propagated native species in nearby location of the watercourse forming the tree composition of Area A Phase II. In contrast to Area A Phase I there is no weedy species, *Leucaena leucocephala,* are found. There are 6 fruit tree species comprising 30% of the surveyed trees, including *Dimocarpus longan* (6%), *Litchi chinensis* (16%) and *Spondias lakonensis* (5%) etc.

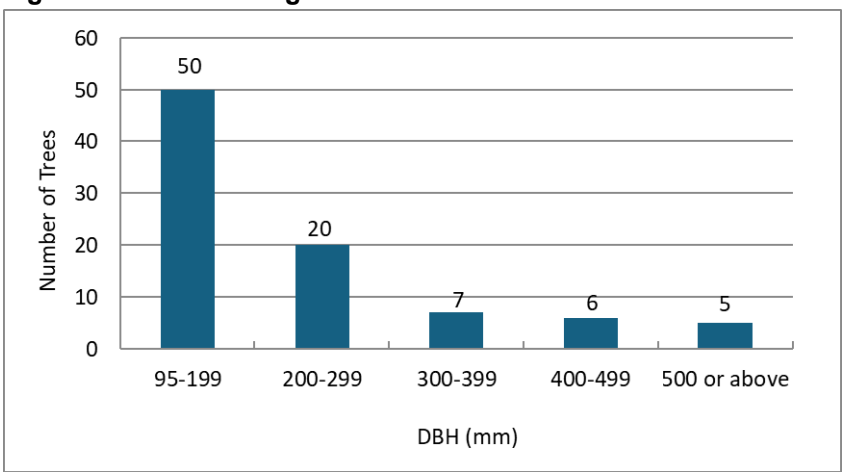
Table A3.3 Existing Tree Species Summary – Area A Phase II

Botanical Name	Chinese Name	No. of Trees	%	Native (N)/ Exotic (E)
Bischofia javanica	秋楓	4	5%	N
Cinnamomum camphora	樟	1	1%	N
Citrus maxima	柚	1	1%	E
Dimocarpus longan	龍眼	5	6%	E
Ficus hispida	對葉榕	11	13%	N
Ficus variegata	青果榕	1	1%	N
Litchi chinensis	荔枝	14	16%	E
Litsea monopetala	假柿木薑子	1	1%	N
Macaranga tanarius var. tomentosa	血桐	36	41%	N
Mangifera indica	杧果	2	2%	E
Morus alba	桑	3	3%	N
Psidium guajava	番石榴	1	1%	E
Spondias lakonensis	嶺南酸棗	4	5%	E
Sterculia lanceolata	假蘋婆	3	3%	N
Syzygium jambos	蒲桃	1	1%	E
	Total:	**88**	**100%**	

2.17 The average DBH of the surveyed trees is 225mm, with average height of 7m and average crown spread of 5m, which are indicative of their relatively small size and young age. **Figure A3.2 Existing Tree Size Distribution** below shows that tree size concentrates at range below 200mm DBH (50 nos.; 57%), reflecting majority of trees are relatively immature and planted or propagated in recent time.

2.18 There are 5 trees with DBH equal to and over 500mm including mature fruit trees *Litchi chinensis* and *Mangifera indica* and native trees *Bischofia javanica, Cinnamomum camphora* and *Sterculia lanceolata*.

Figure A3.2 Existing Tree Size Distribution – Area A Phase II



2.19 In general, majority of existing trees are in poor to fair form and structural conditions, and fair health conditions. Trees near the watercourse are generally in crowded site condition, where trees lack of sufficient space had developed in leaning tree form, poor tapering, crooked trunk and unbalance form. Young trees in the understorey are suppressed by the larger trees. Also, growth of epicormics on trunk or forming tree crown can be found in several trees, reflecting they are under stress and their poor health condition, or suffering from broken branches. Many fruit trees are being topped or pruned regarding cultivation purposes.

2.20 For trees growing at side slopes of watercourse, due to growing condition and occasional flooding, it is common to found severely leaning trees that are structurally weak, few trees with sign if root plate movement and collapsed trees are also observed.

2.21 Since defects are quite commonly found on trees and due to site constraint such as sloping dense growing condition and flooding alongside of the watercourse, there are 73% trees in poor form. Together with the consideration of immature size, exotic species without significant ecological value. **Table A3.4** below shows that existing tree condition.

Table A3.4 Summary of Existing Tree Condition – Area A Phase II

Assessment Criteria	Status of Trees	% Trees
Form	Good	0%
	Fair	27%
	Poor	73%
Health Condition	Good	0%
	Fair	77%
	Poor	23%
Structural Condition	Good	0%
	Fair	91%
	Poor	9%
Anticipated Survival Rate after Transplanting	High	0%
	Medium	0%
	Low	100%

Area B

2.22 A total of 54 trees with a DBH over 95mm are identified in Area B. The distribution of existing trees was found mainly plantation alongside of Fung Yuen Road and Ting Kok Road.

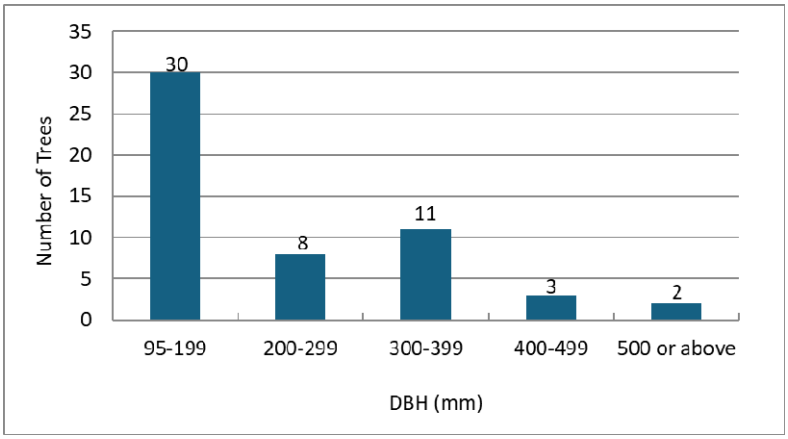
2.23 A total of 6 species, of which 4 are native species and the other 2 are exotic species which account for 33% and 67%. *Leucaena leucocephala* (44%) is an invasive, exotic and weedy species which is dominant in Fung Yuen Road roadside planting area interspersed with *Delonix* trees. Self-propagated and native species - *Macaranga tanarius* var. *tomentosa* (22%) and roadside plantation species - *Delonix regia* (22%) are second dominant species in Area B. **Table A3.5** below listed the tree species surveyed and their relative abundance.

Table A3.5 Existing Tree Species Summary – Area B

Botanical Name	Chinese Name	No. of Trees	%	Native (N)/ Exotic (E)
Bischofia javanica	秋楓	2	4%	N
Celtis sinensis	朴樹	3	6%	N
Delonix regia	鳳凰木	12	22%	E
Leucaena leucocephala	銀合歡	24	44%	E
Macaranga tanarius var.tomentosa	血桐	12	22%	N
Schefflera heptaphylla	鴨腳木	1	2%	N
	Total	**54**	**100%**	

2.24 The average DBH of the surveyed trees is 241mm, with an average height of 9.2m and an average crown spread of 5.8m. **Figure A3.3 Existing Tree Size Distribution** below shows that 56% of existing trees has DBH less than 200mm which indicates they are not yet developed into mature or large size specimen and they are probably being propagated from adjacent area in recent times with exception of 2 nos. of *Delonix regia* are relatively mature and the DBH over 500mm.

Figure A3.3 Existing Tree Size Distribution – Area B



2.25 Majority of existing trees are in poor form, fair health and structural condition. The tree near Fung Yuen Road to the eastern site boundary and in flat area along the eastern side of the watercourse (engineered portion). The tree form of existing tree species is usually having spreading and open crown character. In other words, the tree is lack of sufficient space had developed in tree crown close to each other, crooked trunk and unbalanced form. Young trees are mainly *Leucaena leucocephala* which is self-propagated in the understorey and are suppressed by the larger trees. These trees are commonly found trunk bending, codominant and imbalance crown to enhance chance for sunlight of absorption.

Table A3.6 Summary of Existing Tree Condition – Area B

Assessment Criteria	Status of Trees	% Trees
Form	Good	0%
	Fair	41%
	Poor	59%
Health Condition	Good	0%
	Fair	93%
	Poor	7%
Structural Condition	Good	0%
	Fair	72%
	Poor	28%
Anticipated Survival Rate after Transplanting	High	0%
	Medium	19%
	Low	81%

2.26 Identification of tree species, conditions and the preliminary recommendation of tree surveyed within the Development Site are presented as **Annex II – Tree Treatment Schedule**.

3.0 Recommendations

3.1 The proposed developments recognise the importance of the existing and planned landscape context and character surrounding the Development Site and the preservation of existing watercourse. Design of the proposed architectural scheme particularly the building footprint has been also developed to avoid impacts to the trees with higher amenity value and in good condition identified in the tree survey. Defective trees with unrecoverable defects or had poor form/ structural condition which might pose to the risk to pedestrians/users are recommended to be removed regarding to site safety reasons. Weedy trees, *Leucaena leucocephala,* have also been considered to be removed to enhance the landscape context. Besides, having considered the site and development constraints including i) necessary raise of site formation levels and incorporation of new drainage improvement system to resolve the recent flooding problem and for the needs of new developments: ii) reserved enough space to accommodate proposed residential towers/buildings; iii) provides enough open space and recreation facilities for the future residents; iv) reserved spaces for EVA, car parking facilities and utilities, majority of existing trees within the Development Site are inevitably to be affected. The preliminary recommendation for treatment of existing trees is illustrated on **Annex II - Tree Treatment Schedule** and **Annex IV - Tree Treatment Plan.**

Tree Retention

3.2 As has been described above the proposals have sought to minimise disturbance to the existing landscape while satisfying the requirement for the future development. The following measures have been undertaken to maximise the retention of trees whilst ensuring the feasibility of the proposed developments:

- Preserving/ Converting area of existing trees as landscape area of proposed developments to ensure quality and quantity of greening shall be maintained and even enhanced, particularly areas alongside of the watercourse after incorporation of drainage improvement proposal.
- Respecting the watercourse and sub-urban landscape context by preserving the existing trees in groups in order to maintain the intactness of habitat and landform with exception of the removal defective trees and weedy trees, *Leucaena leucocephala,* to enhance the landscape context.
- Improving sustainability of existing trees by screening out defective trees and weedy trees, *Leucaena leucocephala,* while re-constructing the species composition with new tree planting enhancing both ecological and landscape value of the context.

3.3 Having considered the preservation measures and constraints described above and results of the tree survey, with the incorporation of building and basement setback away from the watercourse, it is recommended that total 60 trees within the Development Site, including 45 trees (8.3%) in Area A Phase I and 15 trees (27.8%) in Area B will be retained. These include trees with fair health, form and/or structural condition that are considered suitable to fit in the planned landscape after the development, or those forming the habitat of the watercourse. These retained trees does not only serve to create the landscape setting for the development but also screen low-level views from its neighbourhoods and create mature landscape setting for the proposed developments.

Tree Transplantation

3.4 Apart from tree retention mentioned above, transplanting as an option to preserve other trees has been considered based on a number of factors with a case by case basis. Among the affected trees that cannot be retained in-situ, total 10 trees are proposed to be transplanted. 4 trees (about 1% of existing trees in Area A Phase I) is regarded as suitable candidate for transplantation so they could be replanted within the Development Site, and 6 trees (about 11% of existing trees in Area B). These trees are proposed to be transplanted to the roadside planting areas in Area A Phase I. All transplanted trees are *Delonix regia* which is originally roadside plantation along Fung Yuen Road. Replanting them in proposed roadside planting area would make them continually contributing to the landscape context. Due to poor health, form or structural stability of existing trees, together with other factors including species, size, maturity, extent of root, future character of site and cost-effectiveness, the remaining trees affected are not suitable candidate for transplanting. Also, preserving existing fruit trees within proposed developments do not preferable since they will induce hygienic issues due to fruit-bearing, and has little contribution to the future landscape context.

3.5 Existing tree condition and considerations behind proposing tree transplanting as possible treatment are detailed respectively in **Annex II – Tree Treatment Schedule** and **Annex I – Tree Survey Methodology**.

3.6 After justifying the feasibility of transplanting of the affected trees in case by case basis, tree removal is found unavoidable. For trees in conflict with proposed works but could not make good candidate for transplanting, tree felling is proposed.

Tree Felling

3.7 Trees with unrecoverable defects and poor conditions are suggested to be removed aiming to improve sustainability of the preserved tree and eliminate significant risk posing to the future residents. Affected trees which are direct in conflict with the proposed works and not being good candidates for transplanting due to having certain defects, instability or relatively low amenity value, and dead trees, are proposed to be felled. Besides, 94 weedy trees (17%), *Leucaena leucocephala,* in Area A Phase I and 24 trees (44%) in Area B respectively are proposed to be removed.

3.8 Regarding the need for raising the site formation level to resolve the flooding problem and the drainage improvement system, majority trees are inevitably to be removed.

3.9 Among the surveyed trees, excluding the removal of *Leucaena leucocephala (118 nos.),* total **496** (73%) of total number of 684 trees are recommended to be felled including 399 trees (74%) in Area A Phase I, 88 trees in Area A Phase II, and 9 (17%) in Area B. Over total **369** (54%) of total number of 684, including 55% of affected trees in Area A Phase I, 46% of affected trees in Area A Phase II, and 57% affected trees in Area B, are proposed felling due to poor conditions and unrecoverable defects that may raise safety concern and/or weedy trees to be removed to enhance the landscape context.

3.10 The removal of trees will be compensated and replaced by a combination of high quality broadleaf and ornamental tree planting in proposed developments, so as to maximise greening opportunities. Upon full establishment of proposed planting, the local landscape context will be enhanced through the introduction of good quality and suitable planting to compensate the greenery loss. **Table A4.1** listed the summary of tree treatment:

Table A4.1: Tree Treatment of Existing Trees

Location	Number of Existing Trees	Tree Retained	Tree Transplanted	Tree to be Felled (excluded *Leucaena leucocephala*)	*Leucaena leucocephala* to be removed	New Tree Planting *
Area A Phase I	542	45 (8%)	4 (1%)	399 (74%)	94 (17%)	250 New Trees +149 Whips Replanting Ratio 1:1 (399 trees felled: 399 new trees)
Area A Phase II	88	Nil	Nil	88 (100%)	Nil	88 New Trees Replanting Ratio 1:1 (88 trees felled: 88 new trees)
Area B	54	15 (28%)	6 (11%) Replant in Area A Phase I	9 (17%)	24 (44%)	15 New Trees Replanting Ratio 1:1.67 (9 trees felled: 15 new trees)
Total Trees in development sites	**684**	**60 (9%)**	**10 (1%)**	**496 (73%)**	**118 (17%)**	**353 New Trees +149 Whips Replanting Ratio 1:1.07 (496 trees felled: 502 new trees/whips)**

*Referring to LAO PN 6/2023 Guidance Notes on Tree Preservation and Removal Proposal for Building Development in Private Projects Compliance of Tree Preservation Clause under Lease, the removal of *Leucaena leucocephala* is excluded from replanting ratio calculation.

4.0 New Tree Planting Concept

4.1 As described above, the loss of existing trees will be replaced by broadleaf and ornamental trees, and infill planting among the preserved tree group, creating a good quality landscape that would enhance the visual amenity in the local context, benefiting to both the future residents and their neighbourhoods of the district. The **New Tree Planting Concept** will be presented as **Annex V**. The planting proposal will sought to:

- Provide visual and landscape integration with the existing sub-urban context, screening and softening of the development in low level views;
- Maintain the landscape character and visual amenity of Fung Yuen Road;
- Provide a quality and sustainable environment for the future residents and neighbourhoods;
- Create distinctive and high quality landscape setting for the featured gardens and open space;
- Maximise, where possible, the retention of existing landscape resources such as existing trees incorporated with the overall landscape design proposal;
- Provide compensation for proposed felling of trees required to accommodate the new development; and
- Maximise opportunities for the planting of new trees and shrubs to enhance amenity and ecology value of local landscape context.

4.2 The planting proposal aims to provide the greening environment, good quality communal spaces and good quality planting establishment for the proposed developments. It is anticipated that the proposed plantings associated with the developments is seen to visually merge with the retained trees creating an apparently seamless transition between the two. **Total 502 new trees** would be accommodated in the development site to compensate the tree loss with a replanting ratio in quantity of 1:1 (496 tree felled: 502 new tree) could be achieved. This proposal excluded the compensation for the removal of 118 nos. of weedy trees, *Leucaena leucocephala.* In combination with the retention of **70 trees in-situ or through transplanting**, the proposed development would able to accommodate **total 572 trees within the Development Site.**

4.3 This proposal will maximise the opportunity of greening within the landscape areas of the proposed developments. The planting proposal will utilise a combination of both native and ornamental species to enhance the ecological and landscape context of the Development Site and improves species diversity of the local context. Having considered the building disposition, fulfilling EVA and drainage requirement, provision of good quality communal spaces for users, preservation of the watercourse and good quality planting establishment, the planting proposal has been maximised the tree planting opportunities within the Development Site.

4.4 All proposed planting areas are designed either at-grade or in raised planters which will reserve adequate planting soil depth for healthy tree establishment. A minimum of 1200mm soil depth (exclusion of structural and drainage layers) will be reserved in the new tree planting areas. Planting spacing follows the guidelines for tree planting published

by DEVB GLTM and considers the mature size of proposed species to ensure enough space is reserved for healthy establishment of the new planted trees.

4.5 The selection of good quality species will enhance the landscape context upon full establishment. These trees form part of the overall landscape design proposal which will be developed during the detailed design stage of the project. A summary of the preliminary planting proposal is provided in **Table A5.1** below. The planting proposal is subject to be further developed at detailed design stage.

Table A5.1: Tree Planting Mix

Botanical Name	Size (mm)	Spacing (mm)
Tree		
**Bauhinia* x *blakeana*	Heavy Standard / Standard	Minimum 3500-5000mm
**Bischofia javanica*		
Callistemon viminalis		
**Celtis sinensis*		
**Cinnamomum burmannii*		
**Cleistocalyx nervosum*		
Elaeocarpus hainanensis		
**Ficus microcarpa*		
Gordonia axillaris		
Hibiscus tiliaceus		
Liquidambar formosana		
Melaleuca bracteata 'Revolution Gold'		
Melia azedarach		
Osmanthus fragrans		
**Pongamia pinnata*		
**Schima superba*		
**Sterculia lanceolata*		
Tabebuia chrysantha		
Thespesia populnea		
**Viburnum odoratissimum*		

Table A5.2 Whip Planting Mix

Botanical Name	Chinese Name	Percentage of Mix (%)
Whip Planting Mix		
**Bischofia javanica*	秋楓	15
**Bridelia tomentosa*	土蜜樹	5
**Celtis sinensis*	朴	10
**Cinnamomum camphora*	樟樹	15
Eriobotrya japonica	枇杷	5
Ficus carica	無花果	5
**Litsea glutinosa*	潺槁樹	5
Melia azedarach	苦楝	10
**Sapium sebiferum*	烏桕	5
**Sterculia lanceolata*	假蘋婆	5
**Reevesia thyrsoidea*	梭羅樹	5

Botanical Name	Chinese Name	Percentage of Mix (%)
Citrus reticulata	柑橘	5
Litchi chinensis	荔枝	5
Mangifea indica	杧果	5
	Total:	**100 %**

Note: * denotes native tree species.

4.6 Standard trees are defined as follows:

- A sturdy straight stem at least 1800 mm high from the root collar to the lowest branch;
- Total height above the root collar exceeding 2750 mm but not exceeding 3500 mm;
- Stem diameter exceeding 45 mm but not exceeding 75 mm measured at a height of 1300 mm from the root collar;
- According to species, either a well-balanced branching head, or a well-defined straight and upright leader with branches growing out from the stem with good symmetry, and a minimum length of 600 mm;
- A rootball not less than 450 mm in diameter and 300 mm in depth;
- When container grown trees are required, grown in a container not less than 500 mm in diameter and 500 mm deep, and
- Free from any kind of pest, fungi, disease and parasitic plants.

4.7 Heavy standard sized trees are defined as follows:

- A sturdy straight stem with stem at least 2000mm high from the root collar to the lowest branch;
- Total height above the root collar exceeding 3500mm but not exceeding 6000mm;
- Stem diameter exceeding 75mm but not exceeding 150mm measured at a height of 1300mm from the root collar;
- According to the species, either well-balanced branching head, or a well-defined straight and upright leader with branches growing out from the stem with good symmetry, and a minimum length of 800mm;
- A root ball not less than 750mm in diameter and 400mm in depth;
- Grown in a container not less than 750mm in diameter and 600mm in depth; and
- Free from any kind of pest, fungi, disease and parasitic plants.

4.8 Whips are defined as follows:

- Aged between 2 - 3 years old;
- A single central stem and elementary branch system;
- A well developed vigorous root system;
- Total height above soil level exceeding 900 mm but not exceeding
- 2000 mm;
- Grown and supplied in a container not less than 125 mm in diameter and
- 200 mm deep, and
- Free from any kind of pest, fungi, disease and parasitic plants.

4.9 The height of all trees shall be measured above root collar, and the diameter of all stems to be measured at a height of 1300m above ground level.

5.0 Conclusion

5.1 The existing condition of the Development Site is characterised by flat agricultural land/vacant land covered by self-propagated vegetation mainly grass, fruit trees planted by the villagers, weedy and shrubby trees alongside of the watercourse. Conditions of existing trees are poor to fair in general. The design of the development acknowledges the importance of existing landscape resources including existing trees and the watercourse and has sought to preserve that wherever possible.

5.2 A **total of 684 trees are found within the Development Site**, including 542 trees in Area A Phase I, 88 trees in Area A Phase II, and 54 trees in Area B according to the recent tree survey conducted in June 2025. The tree composition is largely common tree species in Hong Kong including fruit trees, self-seeded local trees, weedy trees and amenity tree species. No rare or protected tree species (Cap 96 refers) is found to exist on site. No registered Old and Valuable Trees (DEVB TC(W) No. 5/2020 Registration and Preservation of Old and Valuable Trees) is found to exist. Meanwhile, the *Dalbergia* spp. and *Lagerstroemia* spp. are listed and regulated under control of their import and export by the Cap. 586 and/or CITES. There are 3 nos. of *Dalbergia odorifera* and 12 nos. of *Lagerstroemia speciosa* are found in Area A Phase I which were originally planted for amenity purposes. These plantations do not subject to the designated criteria mentioned above. These trees will be affected by the proposed works, given these trees are immature specimens and largely have poor form and structural conditions, and also have evidence of unrecoverable defects, therefore recommends to remove.

5.3 **70 trees in Area A Phase I and Area B** are found relatively in fair condition which contribute in form of groups to the existing watercourse or roadside landscapes and having considered suitable to fit in the future residential/ institutional landscapes, therefore are proposed to be retain in-situ or through tree transplanting. The proposed developments have recognised the importance of these resources in the existing and planned landscape context integrated with the preserved watercourse, setback of building and basement is incorporated into the development scheme to facilitate the tree preservation. However, having considered the constraints of the site and the development needs including i) reserved enough space to accommodate buildings, EVA and carparking facilities, utilities and drainage proposals, ii) regulates the site level to resolve the flooding problem, iii) provision of open space and recreation facilities for the future residents and users, the remaining trees are inevitably to be affected. Trees with unrecoverable defects and poor conditions and weedy trees are suggested to be removed aiming to improve sustainability of the future landscape. As a result, the remaining 496 trees are proposed to be felled which over half of them have unrecoverable defects, and removal of 118 nos. of weedy trees, *Leucaena leucocephala*. The removal of trees will be compensated and replaced with a combination of high quality broadleaf and ornamental trees through maximised greening opportunity with the developments.

5.4 Having considered the building disposition, fulfilling EVA and drainage and flooding prevention requirement, provision of good quality communal spaces for users, preservation of the watercourse and good quality planting establishment, the planting proposal has been maximised the tree planting opportunities within the Development Site. **A total of 502 new trees** in heavy standard to standard sized stocks and whip planting will form the new tree planting proposal. The replanting ratio of 1:1.07 (496 trees felled: 502 trees planted) could be achieved. In combination with **the retention of 70 trees in-situ and through tree transplanting**, the proposed developments would able to accommodate **total 572 trees within the Development Site.** Through the implementation

of tree preservation and new tree planting proposal, replacement of weedy trees with quality tree specimens, the loss of landscape resources will be alleviated and the landscape context and amenity will be enhanced in long term after the planting proposal fully established.

5.5 The selection of good quality species will enhance both the ecological and landscape context, improves bio-diversity in the local landscape context and provides a high quality environment for the future residents, facilities users, visitors as well as the village neighbourhoods. Upon full establishment of the planting proposals, the proposed developments will fit into the sub-urban landscape context of Fung Yuen.

Annexes

Annex I

Tree Survey Methodology

Annex I

1.0 Tree Identification Survey Methodology

1.1 **Key**

Trees surveyed individually or in group are included in schedule following the methodology and identify the following information:

Tree ID:	Determined by ADI Limited and corresponding to the Tree Survey Plan for identification.
Species:	The botanical name is used.
DBH:	The diameter of tree trunk measured in metres at a height of 1300mm above ground level.
Tree height:	Measured in metres.
Crown spread:	Diameter of the tree canopy at its widest extent.
Soil level at base of tree:	Existing soil level above root collar.
Amenity value:	Graded high, medium or low.
Form:	Graded good, fair or poor.
Health condition:	Graded good, fair or poor.
Structural Condition:	Graded good, fair or poor.
Transplant Survival Rate:	Graded high, medium or low.
Location:	Location of tree if it is growing on flat or sloping location.
Conservation Status:	Indicated rarity and protection status under relevant ordinances of a species in Hong Kong.

Tree assessment criteria and considerations include amenity value, form, health condition, structural condition, transplant survival rate and conservation status described in the following sections.

1.2 **Amenity value** is graded High, Medium and Low. Factors taken into consideration in the assessment include:

Conservation value	Rare or protected species, as listed by the Agriculture, Fisheries and Conservation Department.
Functional value	Provides screening. Provides shade and/or shelter.
Visual impact	Adverse impact as a result of loss of the tree.
Age, health condition and form	A good specimen of its specie. Maturity. Poor health, condition and form or potentially hazardous. Alive or dead.

The grading indicates the following qualities in trees or groups of trees:

High	Rare or protected species or fung shui significant species; **and/or** A good specimen of common species which is mature and has good health condition and form; **and** Significant adverse visual impact as a result of its loss.
Medium	Rare or protected species or fung shui significance species with poor form and health condition; **or** Common species with medium form and health condition; **or** Common species with either medium form or health condition;

and
Intermediate adverse visual impact as a result of its loss.

Low Common species with poor health condition and poor form;
and
Contribute little or no functional to the surrounding visual context.

1.3 **Tree form** assessment is classified as follows:

Good Trees with well-balanced form, upright, evenly branching, well-formed head and generally in accordance with the standard form for its species.

Fair Trees with generally balanced form with natural compensations for loss of branches or leaning trunks.

Poor Trees with very unbalanced form, leaning, suffering loss of major branches with general damage and growing close to adjacent trees.

1.4 **Health Condition** assessment considered the following factors:

a) Foliage
- Colour and small size indicating possible damage to roots.
- Insect and fungal infections.
- Damage caused by typhoons despite trees being usually able to recover from this within one growing season.

b) Twigs
- Poor shoot growth and die-back in the crown are often symptoms of root problems caused by a change in the water table level or soil compaction resulting from site formation work.
- Insect and fungal infections on twigs and branches.
- Twig damage to be noted particularly if the crown of the tree is unbalanced.

c) Branches
- Inspect for dead or crossing branches.
- Heavy horizontal branches may make the tree unstable
- Broken, damaged or cut branches to be noted as a possible site for infections, calluses may protect the wounds.
- Damaged branches may make the tree unbalanced and unstable.
- Edge trees exposed as a result of the removal of adjacent trees often has an unbalanced crown and may be hazardous.

d) Trunk
- Tightly forked trunks are a source of weakness in trees
- Cavities or internal rot can be revealed by discoloured bark, moisture seeping through the bark or bracket fungi.
- inspect for open cavities and bark damage.

Assessment of tree health condition involves inspections for the above features and classification as follows:

Good Trees with a low incidence of the less serious features listed above and a high chance of a fast recovery from such features.

Fair Trees with a higher incidence of the less serious features and a medium chance of recovery.

Poor Trees with more serious health features and with a low chance of recovery, even with remedial measures.

Dead No signs of life or irretrievably unhealthy.

1.5 **Structural Condition** of tree is related to the presence and significance of defects (e.g. large cavity or codominant branches with included bark) that can lead to tree failure causing collapse of tree parts or the whole tree. The review considered the incidence and degree of defects found on tree including cracks on tree trunks/major branches/ root flare, root plate movement, degree of leaning from vertical (with or without self-correction), dieback and crossing branches, live crown ratio, size and location of the cavity/decay, topping and excessive pruning etc.

Assessment of tree structural condition involves visual inspections for the above defects and classification as follows:

Good Trees with incidence of nil or only a few defects listed above and with a high chance of recovery and self-correction.

Fair Trees with incidence of intermediate extent of defects listed above and with change of recovery with remedial measures and self-correction.

Poor Trees with more serious defects listed above and with a low chance of recovery, even with remedial measures.

1.6 **Transplant Survival Rate** is one of the factors in assessing the feasibility of the transplanting proposal, the transplanting survival rate is determined by tree species, its age, form and health condition and the extent of roots, for example, species have a low tolerance to the effects of transplantation will have a low transplanting survival rate. In addition to the survival rate, other factors such as the accessibility of tree location, construction program and future character of the site also determine the feasibility of the transplanting proposal, these criteria is described in the following section. The transplant survival rate is graded High, Medium and Low in the tree schedule. This assessment is based on the following criteria:

High Very likely to survive after transplantation.

Medium >50% possibility of survival after transplantation.

Low Unlikely to survive due to poor health/form; or
tree species has very little tolerance to the effects of transplanting; or
difficult to transplant.

1.7 **Conservation Status** indicates rarity and protection status of a surveyed tree, if any, under relevant ordinances of a species in Hong Kong such as Rare and Precious Plants of Hong Kong2, the IUCN Red List of Threatened Species 3 and the Forests and Countryside Ordinance (Cap. 96).

2.0 Effects of Development on Existing Trees

2.1 Treatment of Trees

Existing trees to be retained will be protected during construction in accordance with Tree Protection and Preservation Specification. Trees in direct conflict with proposals which are identified for felling will be confirmed on site by the Engineer's Representative.

2.2 Key

Recommended tree treatments are described in the written report and schedule following the methodology and identify the following information:

Recommended tree treatment	Identified as Retain, Transplant and Tell.
Conflict with proposed slope stabilisation measures	Identify slope trees are in conflict with the measures and remark level changes.
Justification	Identify source of impacts on existing trees such as site formation, building works, drainage works or access road etc.
General remarks	Such as tree form and health condition, hazardous tree etc.

2.3 Possible Treatments for Trees

The treatment proposed for each tree is dependent on the following considerations:

a) Retain

The feasibility of retaining trees has been considered with regard to the following:

- Proximity to the area of site formation works and associated slope re-stabilisation and/or road works and potential damage to trees as a result of the works.
- Changes to ground level on a macro scale which affects the ground water table and may cause severe stress.
- Special constructions to maintain the existing ground level are also considered.
- Conflict between tree roots and slope stabilisation methods.

b) Transplant

In situations where it is impossible to retain trees then transplanting them is the first consideration. The criteria upon which the assessment of transplanting trees base on the following:

- **Species:** Previous experience and arboricultural knowledge point to some species having a higher tolerance to the effects of transplantation than others. Rare Hong Kong species are particularly important considered to be preserved or transplanted.

- **Condition of the tree:** Trees with balanced form, good health and with high amenity value are considered for transplantation. Trees growing on slopes or in close proximity to one another generally have a poor form, and trees with unrecoverable defects or poor vigour with low ability to withstand changes, do not make good specimens for transplant.

- **Tree age:** There is a direct correlation between the age of a tree and its predicted survival rate post transplantation: older trees are sensitive to disturbance and resulting physiological stress associated with the transplanting operation; younger trees have greatest vigour to tolerate change and to recover from root and crown pruning required during the operation. As the tree matures, its ability to tolerate change decreases and so the maintenance of a stable environment around the tree is vital to its continued health.

- **Access:** Large machinery is required to lift trees as part of the transplantation procedure and so ease of access is important. Access to trees on steep slope for transplanting and related preparation works might not be technically feasible, and with high risk and not cost-effective.

- **Extent of the roots:** Tree root development and its disposition respond to site condition and are often unique to each situation. For some situations, it is not technically feasible to prepare a viable root ball for transplanting and lower the survival rate. Trees on slopes have a higher proportion of roots uphill for anchoring and sloping root system as the root ball usually forms itself to the angle of the slope. Irregular and structurally less stable root ball is resulted in restricted rooting area such as being close to built structure, underground utility, with limiting growing medium or at hard-paved location. In addition the roots of trees growing in close proximity to one another often share the same space

within the ground and so the excavation required as part of the rootball preparation is likely to cause significant damage to the adjacent trees.

- **Construction Programme:** Large trees require adequate time for the phased pruning of the roots so as to allow the tree to recover between pruning episodes and hence the impact of physiological stress to the trees.

- **Future character of the site:** Also considered was the future landscape character of the site.

- **Cost-effectiveness for transplanting operation:** considered the size of the tree, machinery accessibility to the transplant tree, transport limitation from the existing tree location to final tree recipient site, setting up of temporary holding nursery for transplant tree and their maintenance cost before replanting to final location.

c) Fell

Trees in direct conflict with site formation, associated slope stabilisation and/or road works, such as change of level, are not able to be transplanted and having no option other than to be felled.

Trees that are not directly in conflict with the works shall be considered in terms of their health, condition and amenity value. Dead, hazardous or trees with contiguous disease are also proposed to be felled. Woodland trees which have adjacent trees removed and with unbalanced form or which are at risk of being blown over due to loss of supporting trees are considered for felling.

Annex II

Tree Treatment Schedule

Tree Treatment Schedule - AREA (A) Phase I

0

Address:Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territorie
Prepared by Pang Shun Chin, Howard Pang (Certified ISA No. HK-0520A)
Field Survey conducted in June 202
To be read in conjunction with drawing numbers: CKPL58A-TT00 and TT1

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
A1	A1	Area A I	*Eucalyptus urophylla*	尾葉桉	274	16	6	11.05		1			1			1					1	1		Not listed			1	B	Roadside tree
A1A	A1A	Area A I	*Ficus hispida*	對葉榕	110	6	5	10.70			1		1			1					1	1		Not listed			1	B	Multi-stems, low fork
A1B	A1B	Area A I	*Ficus hispida*	對葉榕	110	5	4	10.75			1		1			1					1	1		Not listed			1	B	Multi-branches
A2	A2	Area A I	*Acacia auriculiformis*	耳果相思	309	12	6	10.95			1		1				1				1	1		Not listed			1	B,E	Roadside tree, imbalance crown, codominant branches(one topped with large drooping epicormic branches), decay from stub extended to trunk
A2A	A2A	Area A I	*Ficus hispida*	對葉榕	120	6	4	10.59			1		1			1					1	1		Not listed			1	B	Low fork, codominant stems
A2C	A2C	Area A I	*Ficus hispida*	對葉榕	110	6	4	10.78			1		1			1					1	1		Not listed			1	B	Multi-stems, low fork
A3	A3	Area A I	*Ficus hispida*	對葉榕	121	5	8	11.34			1		1			1					1	1		Not listed			1	B	Shrubby
A3A	A3A	Area A I	*Ficus hispida*	對葉榕	110	4	5	10.09			1		1			1					1	1		Not listed			1	B	Imbalance crown, shrubby
A3B	A3B	Area A I	*Ficus hispida*	對葉榕	110	5	4	10.00		1			1			1					1	1		Not listed			1	B	Root collar covered by climber
A4	A4	Area A I	*Sterculia lanceolata*	假蘋婆	331	8	6	7.96		1			1			1					1		1	Not listed			1	B,E	Codominant branches, exposed root, near stream, close to T25
A4A	A4A	Area A I	*Ficus hispida*	對葉榕	130	7	4	10.45			1		1			1					1	1		Not listed			1	B	Imbalance crown, close to other tree
A4B	A4B	Area A I	*Ficus hispida*	對葉榕	140	7	5	10.57		1			1			1					1	1		Not listed			1	B	Codominant branches
A5	A5	Area A I	*Ficus hispida*	對葉榕	146	5	4	10.60			1		1			1					1	1		Not listed			1	B	Shrubby, multi-stems, low fork
A5A	A5A	Area A I	*Ficus hispida*	對葉榕	100	3	4	10.28			1		1			1					1	1		Not listed			1	B	Shrubby, covered by climber
A5B	A5B	Area A I	*Ficus hispida*	對葉榕	130	4	3	10.12			1		1			1					1	1		Not listed			1	B	Shrubby
A7	A7	Area A I	*Ficus hispida*	對葉榕	140	6	5	10.57			1		1			1					1	1		Not listed			1	B,E	Shrubby, climber attached, close to another tree, main trunk rot
A8	A8	Area A I	*Ficus hispida*	對葉榕	137	5	7	10.60			1		1			1					1	1		Not listed			1	B,E	Close to another tree, leaning, imbalance crown
A9	A9	Area A I	*Ficus hispida*	對葉榕	108	5	7	10.68			1		1			1					1	1		Not listed			1	B	Codominant stems, climber attached, close to another tree
A10	A10	Area A I	*Ficus hispida*	對葉榕	118	5	6	10.52			1		1			1					1	1		Not listed			1	B	Codominant
A10A	A10A	Area A I	*Ficus hispida*	對葉榕	140	3	3	10.45			1		1			1					1	1		Not listed			1	B	Imbalance crown
A10B	A10B	Area A I	*Ficus hispida*	對葉榕	110	4	4	10.26			1		1			1					1	1		Not listed			1	B,E	Leaning, imbalance crown
A11	A11	Area A I	*Ficus hispida*	對葉榕	172	5	8	10.54			1		1			1					1	1		Not listed			1	B	Shrubby, multi-stems, low fork
A11A	A11A	Area A I	*Ficus hispida*	對葉榕	150	4	4	10.46			1		1			1					1	1		Not listed			1	B,E	Imbalance crown
A12	A12	Area A I	*Ficus hispida*	對葉榕	178	5	7	10.39		1			1			1					1	1		Not listed			1	B	Codominant branches
A12A	A12A	Area A I	*Bombax ceiba*	木棉	100	4	2	10.25			1		1			1					1	1		Not listed			1	B	Two stems, low fork
A12B	A12B	Area A I	*Ficus hispida*	對葉榕	150	3	4	10.13		1			1			1					1	1		Not listed			1	B	
A12C	A12C	Area A I	*Ficus hispida*	對葉榕	150	4	4	9.89			1		1			1					1	1		Not listed			1	B,E	Low fork
A12D	A12D	Area A I	*Ficus hispida*	對葉榕	160	5	5	9.91			1		1			1					1	1		Not listed			1	B	Low fork, dead stem
A13	A13	Area A I	*Bischofia javanica*	秋楓	643	15	10	8.17		1			1			1					1		1	Not listed	1			A	Exposed root, near stream, at slope edge (crest), close to another tree, codominant branches
A14	A14	Area A I	*Sterculia lanceolata*	假蘋婆	229	9	5	9.35			1		1			1					1		1	Not listed			1	B,E	Exposed root, near stream, low live crown ratio, broken trunk top and take over by side branches, close to another tree
A15	A15	Area A I	*Sterculia lanceolata*	假蘋婆	248	9	4	9.11			1		1			1					1		1	Not listed			1	B,E	Exposed root, near stream, low live crown ratio, close to another tree
A16	A16	Area A I	*Litchi chinensis*	荔枝	134	5	2	9.29			1			1			1				1	1		Not listed			1	E	Epicormics on trunk only, crown no foliage
A17	A17	Area A I	*Litchi chinensis*	荔枝	240	8	5	9.25			1		1			1					1	1		Not listed			1	B	Multi-stems and codominant branches
A18	A18	Area A I	*Alangium chinense*	八角楓	261	7	4	9.36		1			1			1					1	1		Not listed	1			A	Leaning 15°, near slope
A19	A19	Area A I	*Ficus hispida*	對葉榕	150	5	4	9.12		1			1			1					1	1		Not listed	1			A	Multi-stems, low fork, low live crown ratio
A20	A20	Area A I	*Macaranga tanarius var.tomentosa*	血桐	280	11	6	9.23		1			1			1					1	1		Not listed	1			A	Leaning 45°, codominant stems and branches, low fork
A21	A21	Area A I	*Clausena lansium*	黃皮	146	6	4	9.35		1			1			1					1	1		Not listed	1			A	Codominant stems and branches, branch cross with A22's trunk, close to another tree
A22	A22	Area A I	*Dimocarpus longan*	龍眼	627	11	7	9.25		1			1			1					1		1	Not listed	1			A	At slope crest, near stream, codominant branches, close to another tree, climber attached
A23	A23	Area A I	*Clausena lansium*	黃皮	131	8	5	9.21		1			1			1					1	1		Not listed	1			A	Codominant stems, low fork

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
A24	A24	Area A I	*Litchi chinensis*	荔枝	805	12	11	9.29		1			1			1					1	1		Not listed	1			A	Codominant branches, several stub
A25	A25	Area A I	*Lagerstroemia speciosa*	大花紫薇	124	6	3	8.96		1			1			1					1	1		Cap 586	1			A	Codominant branches. Cultivated plants.
A26	A26	Area A I	*Lagerstroemia speciosa*	大花紫薇	131	8	4	9.21		1			1			1					1	1		Cap 586	1			A	Contorted branch. Cultivated plants.
A27	A27	Area A I	*Lagerstroemia speciosa*	大花紫薇	280	9	5	9.20		1			1			1					1	1		Cap 586	1			A	Near slope, topped trunk. Cultivated plants.
A27A	A27A	Area A I	*Ficus hispida*	對葉榕	150	5	4	8.05		1			1			1					1	1		Not listed	1			A	Crossed branch, bark crack, near stream
A28	A28	Area A I	*Lagerstroemia speciosa*	大花紫薇	216	8	5	9.16		1			1			1			1			1		Cap 586	1			A	Near slope, codominant branches.Cultivated plants.
A29	A29	Area A I	*Lagerstroemia speciosa*	大花紫薇	108	7	3	9.06		1			1			1			1			1		Cap 586	1			A	Trunk poor taper, exposed root, slightly bending at lower trunk. Cultivated plants
A30	A30	Area A I	*Clausena lansium*	黃皮	248	6	5	9.01		1			1			1					1	1		Not listed	1			A	Near slope, near stream, leaning 20°, multi-stems with included bark, exposed root
A31	A31	Area A I	*Clausena lansium*	黃皮	242	7	5	9.09		1			1			1					1	1		Not listed	1			A	Near slope, near stream, leaning 20°, multi-stems with included bark, low fork, cavity at trunk base
A32	A32	Area A I	*Ficus hispida*	對葉榕	153	5	4	8.04		1			1			1					1		1	Not listed	1			A	Leaning 30°, imbalance crown, near stream
A33	A33	Area A I	*Liquidambar formosana*	楓香	131	3	2	9.07			1			1			1				1	1		Not listed			1	E	Collapsed, no foliage, climber attached
A34	A34	Area A I	*Ficus hispida*	對葉榕	130	6	5	8.93			1			1		1					1	1		Not listed			1	B	Shrubby, one decayed stem
A35	A35	Area A I	*Macaranga tanarius var.tomentosa*	血桐	226	7	6	8.91		1			1			1					1	1		Not listed			1	B	Close to T69, multi-branches, climber attached
A36	A36	Area A I	*Ficus hispida*	對葉榕	169	5	6	9.37			1		1			1					1	1		Not listed			1	B	Shrubby, climber attached
A36A	A36A	Area A I	*Ficus hispida*	對葉榕	140	3	3	9.18			1		1			1					1	1		Not listed			1	B	Shrubby
A36B	A36B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	3	3	9.54		1			1			1					1	1		Not listed			1	B,E	Crown covered by climber
A37	A37	Area A I	*Bombax ceiba*	木棉	321	14	7	9.51		1			1			1					1	1		Not listed			1	B,E	Bending trunk, close to A37A
A37A	A37A	Area A I	*Ficus hispida*	對葉榕	120	4	3	9.60		1			1			1					1	1		Not listed			1	B,E	Close to A37
A38	A38	Area A I	*Bombax ceiba*	木棉	178	7	4	9.43		1			1			1			1			1		Not listed			1	B,E	Climber attached, imbalance crown, trunk wound
A39	A39	Area A I	*Ficus hispida*	對葉榕	150	5	7	9.81			1		1			1				1	1	1		Not listed			1	B,E	Climber attached, imbalance crown, close to another tree, low fork
A40	A40	Area A I	*Macaranga tanarius var.tomentosa*	血桐	201	6	6	9.80		1			1			1				1		1		Not listed			1	B	
A40A	A40A	Area A I	*Ficus hispida*	對葉榕	160	6	5	9.64			1		1			1					1	1		Not listed			1	B	Imbalance crown, leaning
A40B	A40B	Area A I	*Ficus hispida*	對葉榕	110	4	4	9.27		1			1				1				1	1		Not listed			1	B,E	Crown covered by climber, codominant stems (one broken)
A41	A41	Area A I	*Macaranga tanarius var.tomentosa*	血桐	229	6	7	9.98			1		1			1				1		1		Not listed			1	B	Leaning 15
A42	A42	Area A I	*Sterculia lanceolata*	假蘋婆	156	7	4	9.77		1			1			1					1	1		Not listed			1	B	Trunk circling by climber
A43	A43	Area A I	*Sapindus saponaria*	無患子	115	7	4	9.93		1			1			1				1		1		Not listed			1	B,E	Crown covered by climber
A44	A44	Area A I	*Sapindus saponaria*	無患子	131	5	2	10.08		1			1				1				1	1		Not listed			1	B,E	Topped
A45	A45	Area A I	*Sapindus saponaria*	無患子	150	6	4	10.00		1			1				1				1	1		Not listed			1	B,E	Trunk wound, topped, over extended branch
A47	A47	Area A I	*Cassia fistula*	豬腸豆	277	7	5	9.78		1			1			1					1	1		Not listed			1	B	Codominant branches
A48	A48	Area A I	*Macaranga tanarius var.tomentosa*	血桐	111	4	4	9.69		1			1				1				1	1		Not listed			1	B,E	Large trunk wound
A48A	A48A	Area A I	*Lagerstroemia speciosa*	大花紫薇	110	6	4	9.55			1		1			1					1	1		Cap 586			1	B	Shrubby, multi-stems
A49	A49	Area A I	*Cassia fistula*	豬腸豆	134	5	4	9.75		1			1			1					1	1		Not listed			1	B,E	Codominant branches, tree resprout from a topped tree
A49A	A49A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	110	6	4	9.96			1		1			1					1	1		Not listed			1	B,E	Leaning 45
A50	A50	Area A I	*Macaranga tanarius var.tomentosa*	血桐	131	5	4	9.55			1		1			1					1	1		Not listed			1	B,E	Multi-stems, leaning 15, covered by climber
A51	A51	Area A I	*Ficus hispida*	對葉榕	175	7	6	10.04			1		1			1					1		1	Not listed			1	B	Shrubby, included bark, multi-stems, low fork
A51A	A51A	Area A I	*Ficus hispida*	對葉榕	110	5	4	9.74			1		1			1					1	1		Not listed			1	B	Multi-stems, low fork
A51B	A51B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	120	6	4	10.00			1		1			1					1	1		Not listed			1	B	Imbalance crown, leaning
A52	A52	Area A I	*Artocarpus heterophyllus*	菠蘿蜜	216	6	5	10.49		1			1			1					1	1		Not listed			1	B	Root flare not visible (covered by debris)
A53	A53	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	4	6	10.00			1		1			1					1	1		Not listed			1	B,E	Codominant stems, trunk cavity, low fork
A53A	A53A	Area A I	*Ficus hispida*	對葉榕	130	5	4	9.97			1		1			1					1	1		Not listed			1	B	Multi-stems, low fork
A53B	A53B	Area A I	*Ficus hispida*	對葉榕	110	4	5	9.85			1		1			1					1	1		Not listed			1	B	Imbalance crown, leaning
A54	A54	Area A I	*Ficus hispida*	對葉榕	185	5	5	10.54		1			1			1					1	1		Not listed			1	B,E	Crown covered by climber
A55	A55	Area A I	*Ficus hispida*	對葉榕	115	6	5	10.07			1		1			1					1	1		Not listed			1	B,E	Multi-stems

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
A55A	A55A	Area A I	*Ficus hispida*	對葉榕	120	5	4	10.05			1		1			1				1	1		Not listed			1	B	Multi-stems, imbalance crown
A55B	A55B	Area A I	*Ficus variegata*	青果榕	120	7	4	10.15			1		1			1				1	1		Not listed			1	B	Poor taper
A55C	A55C	Area A I	*Ficus hispida*	對葉榕	120	7	6	10.09		1			1			1				1	1		Not listed			1	B	
A55D	A55D	Area A I	*Ficus hispida*	對葉榕	170	5	5	10.04			1		1			1				1	1		Not listed			1	B	Low fork, wound at base
A55E	A55E	Area A I	*Ficus hispida*	對葉榕	180	5	6	9.97			1		1			1				1	1		Not listed			1	B,E	Leaning, imbalance crown
A55F	A55F	Area A I	*Ficus hispida*	對葉榕	130	5	4	9.84		1			1			1				1	1		Not listed			1	B,E	Multi-stems
A55G	A55G	Area A I	*Bombax ceiba*	木棉	210	5	4	9.63		1			1				1			1	1		Not listed			1	B,E	Codominant stems with included bark
A55H	A55H	Area A I	*Bombax ceiba*	木棉	130	5	2	9.57		1			1				1			1	1		Not listed			1	B,E	Bending top, codominant stems with included bark
A56	A56	Area A I	*Macaranga tanarius var.tomentosa*	血桐	134	5	8	10.81			1		1			1				1	1		Not listed			1	B,E	Shrubby, multi-stems
A57	A57	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	5	7	10.58			1		1			1				1		1	Not listed			1	B,E	Shrubby, multi-stems, low fork, embedded with wire
A57A	A57A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	5	5	10.46			1		1			1				1	1		Not listed			1	B	Imbalance crown, leaning
A57B	A57B	Area A I	*Ficus hispida*	對葉榕	110	5	5	10.28		1			1				1			1	1		Not listed			1	B	Multi-stems, low fork, included bark
A58	A58	Area A I	*Macaranga tanarius var.tomentosa*	血桐	166	7	5	10.38			1		1				1			1		1	Not listed			1	B,E	Imbalance crown, restricted root
A59	A59	Area A I	*Ficus hispida*	對葉榕	102	5	5	9.17		1			1			1				1	1		Not listed			1	B,E	Shrubby, multi-stems
A59A	A59A	Area A I	*Liquidambar formosana*	**楓香**	120	5	3	9.30			1		1			1				1	1		Not listed			1	B,E	Bending trunk, no formal crown
A59B	A59B	Area A I	*Liquidambar formosana*	**楓香**	140	7	4	9.26			1		1				1			1	1		Not listed			1	B,E	Codominant stems, shrubby, contorted trunk
A59C	A59C	Area A I	*Ficus hispida*	對葉榕	170	7	5	9.20			1		1				1			1	1		Not listed			1	B,E	Shrubby
A59D	A59D	Area A I	*Bombax ceiba*	木棉	140	8	3	9.45			1		1				1			1	1		Not listed			1	B,E	Multi-stems
A60	A60	Area A I	*Bombax ceiba*	木棉	216	8	5	9.60		1			1			1				1	1		Not listed			1	B	
A62	A62	Area A I	*Dimocarpus longan*	龍眼	490	9	8	8.99		1			1			1				1		1	Not listed			1	B,E	Near stream, low fork
A62A	A62A	Area A I	*Ficus hispida*	對葉榕	100	4	3	9.33			1		1			1				1	1		Not listed			1	B,E	Leaning 10, crown covered by climber, multi-stems
A62B	A62B	Area A I	*Ficus hispida*	對葉榕	140	5	5	9.46			1		1			1				1	1		Not listed			1	B	Imbalance crown
A62C	A62C	Area A I	*Bombax ceiba*	木棉	130	5	3	9.51		1			1			1				1	1		Not listed			1	B	Crown covered by climber
A62D	A62D	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	4	4	9.51		1			1				1			1	1		Not listed			1	B,E	Trunk wound, multi-stems
A62E	A62E	Area A I	*Bombax ceiba*	木棉	120	5	3	9.53		1			1			1				1	1		Not listed			1	B,E	Bending trunk base, covered by climbers, deformed crown
A63	A63	Area A I	*Bombax ceiba*	木棉	216	12	6	9.18		1			1				1			1	1		Not listed			1	B,E	Trunk base with sign of termite, trunk wounds, sucker at base
A64	A64	Area A I	*Bombax ceiba*	木棉	315	10	5	9.21		1			1			1				1	1		Not listed			1	B,E	Topped trunk before, multi-leaders, imbalance crown
A64A	A64A	Area A I	*Lagerstroemia speciosa*	大花紫薇	100	3	3	9.49			1		1			1				1	1		Cap 586			1	B,E	Multiple attachment. Cultivated plants.
A64B	A64B	Area A I	*Ficus hispida*	對葉榕	110	3	3	9.49			1		1			1				1	1		Not listed			1	B,E	Leaning 40
A64C	A64C	Area A I	*Bombax ceiba*	木棉	200	7	4	9.59			1		1			1				1	1		Not listed			1	B,E	Codominant stems
A64D	A64D	Area A I	*Ficus hispida*	對葉榕	110	3	3	9.58			1		1			1				1	1		Not listed			1	B,E	Low branching
A64E	A64E	Area A I	*Lagerstroemia speciosa*	大花紫薇	120	5	4	9.62			1		1			1				1	1		Cap 586			1	B,E	Shrubby. Multiple attachment. Cultivated plant.
A64F	A64F	Area A I	*Bombax ceiba*	木棉	120	5	4	9.57			1		1			1				1	1		Not listed			1	B,E	Covered by climbers, slightly imbalanced, dwarf form
A65	A65	Area A I	*Bombax ceiba*	木棉	140	6	4	9.49		1			1				1			1	1		Not listed			1	B,E	Trunk wound, topped trunk with multi-leaders
A65A	A65A	Area A I	*Bombax ceiba*	木棉	100	4	2	9.61		1			1			1			1		1		Not listed			1	B	Root decay
A66	A66	Area A I	*Bombax ceiba*	木棉	216	8	5	9.26		1			1			1				1	1		Not listed			1	B,E	Topped trunk with epicormics, trunk wound, open cavity at lower trunk
A66A	A66A	Area A I	*Lagerstroemia speciosa*	大花紫薇	180	6	5	8.99			1		1			1				1	1		Cap 586			1	B,E	Shrubby, multi-stems, imbalance crown. Deformed tree crown. Cultivated plant.
A67A	A67A	Area A I	*Ficus hispida*	對葉榕	150	5	4	9.13			1		1			1				1	1		Not listed			1	B,E	Multi-stems, low fork, trunk wound
A67B	A67B	Area A I	*Ficus hispida*	對葉榕	150	5	4	9.38			1		1			1				1	1		Not listed			1	B,E	Imbalance crown
A67C	A67C	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	5	3	8.88			1		1			1				1	1		Not listed			1	B,E	Imbalance crown, heavy leaning,tree slits, tree deformed
A68	A68	Area A I	*Ficus hispida*	對葉榕	156	6	5	7.52		1			1			1				1	1		Not listed	1			A	Near stream, poor taper
T1	T1	Area A I	*Macaranga tanarius var.tomentosa*	血桐	201	9	5	10.56			1		1			1			1		1		Not listed			1	B,E	Leaning 20°, low fork, decay at trunk base
T2	T2	Area A I	*Macaranga tanarius var.tomentosa*	血桐	258	7	6	10.61		1			1			1			1		1		Not listed			1	B	bending
T4	T4	Area A I	*Ficus hispida*	對葉榕	124	6	4	8.57		1			1			1				1	1		Not listed			1	B,E	Near stream, shrubby, dead stubs, sparse foliage

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T6	T6	Area A I	*Ficus hispida*	對葉榕	137	2	2	11.67		1			1			1				1		1	Not listed			1	B,E	Leaning 0(45°), dwarf form, multi-stems
T7	T7	Area A I	*Sterculia lanceolata*	假蘋婆	156	7	5	9.65			1		1			1				1		1	Not listed			1	B,E	Exposed root, near stream, harp tree
T8	T8	Area A I	*Sterculia lanceolata*	假蘋婆	143	7	3	8.61			1		1			1				1		1	Not listed			1	B,E	Exposed root, near stream, harp tree, contorted branches, sprouts
T9	T9	Area A I	*Sterculia lanceolata*	假蘋婆	146	8	3	9.54			1		1			1				1		1	Not listed			1	B,E	Exposed root, imbalance crown, near stream, harp tree
T10	T10	Area A I	*Sterculia lanceolata*	假蘋婆	229	7	4	9.62			1		1			1				1		1	Not listed			1	B,E	Leaning 30°(60°), imbalance crown, exposed root
T11	T11	Area A I	*Litchi chinensis*	荔枝	411	13	7	9.88		1			1			1				1	1		Not listed			1	B,E	Codominant branches, buttress root, close to another tree
T12	T12	Area A I	*Litchi chinensis*	荔枝	455	13	7	9.73		1			1			1				1	1		Not listed			1	B,E	Small cavity at trunk base, imbalance crown, close to another tree
T13	T13	Area A I	*Macaranga tanarius var.tomentosa*	血桐	137	6	4	9.87			1		1			1				1	1		Not listed			1	B,E	Leaning 20 (30)
T14	T14	Area A I	*Litsea monopetala*	假柿木薑子	458	13	6	9.37			1		1			1				1		1	Not listed			1	B,E	Near stream, broken branch, exposed root, leaning 40°(20°), branch cavity
T15	T15	Area A I	*Cleistocalyx nervosum*	水翁	493	13	6	9.27			1		1			1				1		1	Not listed			1	B,E	Leaning 45°, exposed root
T16	T16	Area A I	*Macaranga tanarius var.tomentosa*	血桐	280	9	7	8.97			1		1			1				1	1		Not listed			1	B,E	Near culvert, leaning 20°, imbalance crown
T18	T18	Area A I	*Litchi chinensis*	荔枝	576	13	11	9.69		1			1			1				1	1		Not listed			1	B	Trunk base embedded with concrete, cross branches
T18A	T18A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	5	3	8.92			1		1			1				1	1		Not listed			1	B	Bending branch
T19	T19	Area A I	*Litchi chinensis*	荔枝	299	7	5	9.16		1			1			1			1		1		Not listed			1	B	Covered by climbers
T20	T20	Area A I	*Ficus hispida*	對葉榕	178	6	4	9.22		1				1		1			1		1		Not listed			1	B,E	Climber attached, cross with T21, leaning 5°, crown no foliage
T21	T21	Area A I	*Ficus hispida*	對葉榕	105	6	3	9.22			1		1			1				1	1		Not listed			1	B,E	Low fork, poor taper, cross with T20, leaning 5°
T22	T22	Area A I	*Macaranga tanarius var.tomentosa*	血桐	226	7	6	8.91			1		1			1				1	1		Not listed			1	B,E	Imbalance crown, leaning 5°(45°), codominant stems
T22A	T22A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	250	5	6	9.00			1		1			1				1	1		Not listed			1	B,E	Multi-stems, imbalance crown, climber attached
T23	T23	Area A I	*Litchi chinensis*	荔枝	350	8	5	9.19		1				1			1			1	1		Not listed			1	B,E	Codominant branches (1 dead), imbalance crown, leaning 0(10°)
T24	T24	Area A I	*Ficus hispida*	對葉榕	366	7	5	9.04		1			1			1				1	1		Not listed	1			A	Leaning 20°, codominant branches, climber attached
T24A	T24A	Area A I	*Lagerstroemia speciosa*	大花紫薇	110	5	3	8.91		1			1			1				1	1		Cap 586			1	B	Codominant branch. Cultivated plants.
T25	T25	Area A I	*Sterculia lanceolata*	假蘋婆	363	8	7	10.05		1			1			1				1		1	Not listed			1	B	Exposed root, codominant branches, near stream, close to A4, on slope crest
T26	T26	Area A I	*Mangifera indica*	杧果	220	6	5	11.77		1			1			1			1		1		Not listed	1			A	Planted in planting bed
T27	T27	Area A I	*Archontophoenix alexandrae*	假檳榔	220	10	4	11.19		1			1			1				1	1		Not listed	1			A	Root near pipe and paving
T32	T32	Area A I	*Macaranga tanarius var.tomentosa*	血桐	169	5	6	7.79		1			1			1				1		1	Not listed			1	B,E	Imbalance crown, contorted base
T32A	T32A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	240	5	7	8.31			1		1			1				1	1		Not listed			1	B,E	Crooked, leaning 50(10), on slope crest, low branching
T32B	T32B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	170	8	5	8.20		1			1			1				1	1		Not listed			1	B,E	Crooked at lower trunk, close to T32D
T32C	T32C	Area A I	*Macaranga tanarius var.tomentosa*	血桐	180	7	6	8.16		1			1			1				1	1		Not listed			1	B,E	Crooked at lower trunk, close to T32D
T32D	T32D	Area A I	*Macaranga tanarius var.tomentosa*	血桐	200	7	7	8.18			1		1			1				1	1		Not listed			1	B	Imbalance crown
T33	T33	Area A I	*Macaranga tanarius var.tomentosa*	血桐	274	7	8	7.90			1		1			1				1		1	Not listed			1	B	Leaning 10(15), on slope crest
T34	T34	Area A I	*Macaranga tanarius var.tomentosa*	血桐	251	7	8	7.94			1		1			1				1	1		Not listed			1	B	Leaning 10(15), on slope crest
T35	T35	Area A I	*Ficus hispida*	對葉榕	140	4	5	7.74			1		1			1				1	1		Not listed			1	B	Imbalance crown
T36	T36	Area A I	*Mallotus paniculatus*	白楸	134	4	6	7.78			1		1				1			1	1		Not listed			1	B,E	Imbalance crown, root close to T37, contorted and crooked trunk
T37	T37	Area A I	*Macaranga tanarius var.tomentosa*	血桐	286	5	6	7.67			1		1				1			1	1		Not listed			1	B	Leaning 15(10), root close to T36
T38	T38	Area A I	*Macaranga tanarius var.tomentosa*	血桐	286	7	8	8.24			1		1				1			1		1	Not listed			1	B	Twist trunks, included bark, codominant stems, low fork
T39	T39	Area A I	*Macaranga tanarius var.tomentosa*	血桐	204	6	5	8.33		1			1			1				1		1	Not listed			1	B	Leaning, root close to T40
T39A	T39A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	4	3	8.32			1		1			1				1		1	Not listed			1	B	Imbalance crown, trunk girdled by climbers
T40	T40	Area A I	*Macaranga tanarius var.tomentosa*	血桐	188	5	5	8.45			1		1				1			1		1	Not listed			1	B	Leaning10(15), root close to T39
T41	T41	Area A I	*Ficus variegata*	青果榕	251	6	4	7.56			1			1		1				1	1		Not listed			1	B	Codominant branch, dense climbers, crooked branch, close to T42
T42	T42	Area A I	*Ficus hispida*	對葉榕	204	5	5	7.70			1			1		1				1	1		Not listed			1	B	Imbalance crown
T43	T43	Area A I	*Ficus hispida*	對葉榕	267	6	7	7.74			1		1				1			1	1		Not listed			1	E	Multiple-stems, trunk wound, crossed and close to T43D
T43A	T43A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	5	5	7.54			1		1			1				1	1		Not listed			1	B	Leaning 15(15)
T43B	T43B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	6	4	7.63			1		1				1			1	1		Not listed			1	B	Sign of borer, imbalance crown

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T43C	T43C	Area A I	*Macaranga tanarius var.tomentosa*	血桐	110	4	4	7.63			1		1			1				1	1		Not listed			1	B	Leaning 25(30), imbalance crown
T43D	T43D	Area A I	*Ficus hispida*	對葉榕	220	5	5	7.43			1		1			1				1	1		Not listed			1	B	Crossed and close to T43
T43E	T43E	Area A I	*Ficus hispida*	對葉榕	190	5	4	7.68			1		1			1				1	1		Not listed			1	B	Crossed and close to T43
T44	T44	Area A I	*Melia azedarach*	苦楝	290	7	6	7.58			1			1			1			1	1		Not listed			1	E	Bending at trunk base, large trunk wound, exposed dead wood, crossed branch
T44B	T44B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	5	3	7.52			1			1		1				1	1		Not listed			1	E	Leaning 10(20), imbalance crown
T45	T45	Area A I	*Bischofia javanica*	秋楓	261	8	7	7.98			1		1			1				1	1		Not listed			1	B,E	Codominant branch, included bark, trunk wound, decay base , termite infestation
T47	T47	Area A I	*Macaranga tanarius var.tomentosa*	血桐	302	7	7	7.93			1		1			1				1		1	Not listed			1	B,E	Multiple-stems, imbalance crown
T48	T48	Area A I	*Macaranga tanarius var.tomentosa*	血桐	226	7	9	7.98			1		1			1				1		1	Not listed			1	B,E	Exposed root, root damaged, trunk embedded with nearby tree, near stream
T48A	T48A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	6	5	8.37		1			1			1				1	1		Not listed			1	B,E	
T48B	T48B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	120	5	3	8.48		1			1			1				1	1		Not listed			1	B	Bending base
T48C	T48C	Area A I	*Macaranga tanarius var.tomentosa*	血桐	170	6	5	8.45			1		1			1				1	1		Not listed			1	B	Codominant stems , low fork
T48D	T48D	Area A I	*Macaranga tanarius var.tomentosa*	血桐	160	6	5	8.60		1			1			1				1	1		Not listed			1	B	Trunk base circling by climber
T48E	T48E	Area A I	*Macaranga tanarius var.tomentosa*	血桐	160	6	4	8.62		1			1			1				1	1		Not listed			1	B	
T48F	T48F	Area A I	*Macaranga tanarius var.tomentosa*	血桐	170	6	5	8.59		1			1			1				1	1		Not listed			1	B	
T49	T49	Area A I	*Litsea monopetala*	假柿木薑子	169	9	4	8.25			1		1			1				1		1	Not listed			1	B	Crooked trunk, broken top
T49A	T49A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	341	7	6	6.90			1		1			1				1	1		Not listed			1	B,E	Leaning 15(15), imbalance crown, included bark
T50	T50	Area A I	*Macaranga tanarius var.tomentosa*	血桐	325	7	8	8.50		1			1			1			1		1		Not listed			1	B	Codominant branches, sparse foliage
T51	T51	Area A I	*Ficus hispida*	對葉榕	143	5	5	8.48			1		1			1				1	1		Not listed			1	B,E	Codominant stems with included bark, bending trunk
T51A	T51A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	4	2	8.66			1		1			1				1	1		Not listed			1	B	Poor taper
T52	T52	Area A I	*Macaranga tanarius var.tomentosa*	血桐	232	8	8	8.60			1		1			1				1	1		Not listed			1	B,E	Shrubby, climber attached
T52A	T52A	Area A I	*Lagerstroemia speciosa*	大花紫薇	160	6	3	9.11			1		1			1				1	1		Cap 586			1	B,E	Imbalance crown, dense climber Cultivated plant.
T52B	T52B	Area A I	*Lagerstroemia speciosa*	大花紫薇	100	5	4	9.11			1		1			1				1	1		Cap 586			1	B,E	Imbalance crown, dense climber Cultivated plant.
T53	T53	Area A I	*Macaranga tanarius var.tomentosa*	血桐	162	5	6	7.80		1			1			1			1		1		Not listed			1	B,E	Codominant branches, climber attached
T54	T54	Area A I	*Macaranga tanarius var.tomentosa*	血桐	302	7	8	8.82			1		1			1			1		1		Not listed			1	B,E	Leaning 10°, multi-branches
T55	T55	Area A I	*Macaranga tanarius var.tomentosa*	血桐	232	7	6	9.08			1		1				1			1	1		Not listed			1	B,E	Leaning 25°. wound on trunk
T56	T56	Area A I	*Macaranga tanarius var.tomentosa*	血桐	178	7	5	8.98			1		1				1			1	1		Not listed			1	B	Imbalance crown, leaning 30°, climber attached
T57	T57	Area A I	*Macaranga tanarius var.tomentosa*	血桐	236	7	5	9.18			1		1				1			1	1		Not listed			1	B,E	Imbalance crown, leaning 40°, climber attached
T75	T75	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	3	3	7.30			1		1				1			1	1		Not listed			1	B,E	Uprooted.
T76	T76	Area A I	*Macaranga tanarius var.tomentosa*	血桐	197	8	6	7.08		1			1			1			1		1		Not listed			1	B	Leaning
T76A	T76A	Area A I	*Ficus hispida*	對葉榕	120	4	3	8.12			1		1			1				1	1		Not listed			1	B	Imbalance crown, bending trunk
T77	T77	Area A I	*Spondias lakonensis*	嶺南酸棗	216	7	4	9.75		1			1			1			1		1		Not listed			1	B	Codominant branch, one pruned epicormics
T77A	T77A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	180	6	6	8.44			1		1			1				1	1		Not listed			1	B	Low branching
T78	T78	Area A I	*Macaranga tanarius var.tomentosa*	血桐	320	5	5	8.95			1		1				1			1	1		Not listed			1	B,E	Uprooted, leaning 30°, branches from one spot
T80	T80	Area A I	*Macaranga tanarius var.tomentosa*	血桐	140	7	5	9.31			1		1				1			1	1		Not listed			1	B	Codominant branches, low fork, imbalance crown, one trunk leaning 30°
T80A	T80A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	170	6	4	9.25		1			1			1				1	1		Not listed			1	B	
T80B	T80B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	6	5	9.13			1		1				1			1	1		Not listed			1	B	Leaning 35, bending trunk
T81	T81	Area A I	*Macaranga tanarius var.tomentosa*	血桐	331	11	8	9.07		1			1			1			1		1		Not listed			1	B	Codominant branches, exposed root
T82	T82	Area A I	*Macaranga tanarius var.tomentosa*	血桐	188	7	4	9.49			1		1			1				1	1		Not listed			1	B,E	Crooked trunk, low live crown ratio
T83	T83	Area A I	*Macaranga tanarius var.tomentosa*	血桐	229	4	4	10.79		1			1			1				1		1	Not listed			1	B	Multiple-stems
T84	T84	Area A I	*Leucaena leucocephala*	銀合歡	245	7	6	11.27			1		1				1			1		1	Not listed			1	E	Leaning 40(40), codominant trunks, trunk wound, weedy species
T84A	T84A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	140	5	5	8.69			1		1				1			1	1		Not listed			1	B,E	Leaning, imbalanced crown
T84B	T84B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	170	6	5	8.81		1			1			1				1	1		Not listed			1	B,E	Codominant branches
T84C	T84C	Area A I	*Macaranga tanarius var.tomentosa*	血桐	130	5	5	8.68			1		1			1				1	1		Not listed			1	B,E	Codominant stems, low fork, trunk wound
T84D	T84D	Area A I	*Macaranga tanarius var.tomentosa*	血桐	110	5	4	8.54		1			1			1				1	1		Not listed			1	B,E	

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T84E	T84E	Area A I	*Leucaena leucocephala*	銀合歡	100	6	3	8.97		1			1			1					1		1	Not listed			1	E	Weedy species
T84F	T84F	Area A I	*Leucaena leucocephala*	銀合歡	130	7	5	10.85			1			1		1				1	1		Not listed			1	E	Covered by climber
T88	T88	Area A I	*Litchi chinensis*	荔枝	375	9	7	6.81		1			1			1				1		1	Not listed			1	B	Codominant-stems, leaning 30(10), slightly uprooted
T88A	T88A	Area A I	*Bischofia javanica*	秋楓	130	5	4	7.19			1		1			1				1	1		Not listed			1	B	Imbalance crown
T88B	T88B	Area A I	*Sterculia lanceolata*	假蘋婆	120	4	3	7.81			1		1			1				1	1		Not listed			1	B,E	Imbalance crown, crooked trunk
T89	T89	Area A I	*Mangifera indica*	杧果	710	11	7	6.74		1			1				1			1		1	Not listed			1	B,E	Cut root, imbalance crown, leaning15(10), codominant branch
T91	T91	Area A I	*Ficus hispida*	對葉榕	210	4	2	7.80			1		1				1			1	1		Not listed			1	B,E	Decaying trunk wound
T92	T92	Area A I	*Dimocarpus longan*	龍眼	191	6	4	7.67			1		1			1				1		1	Not listed			1	B,E	Restricted root by rock, imbalance crown
T93	T93	Area A I	*Ficus hispida*	對葉榕	290	5	6	7.72			1		1				1			1		1	Not listed			1	B,E	On slope crest, multiple-stems one dead and one decaying
T94	T94	Area A I	*Macaranga tanarius var.tomentosa*	血桐	280	7	5	10.36		1			1			1				1		1	Not listed			1	B	
T94A	T94A	Area A I	*Leucaena leucocephala*	銀合歡	110	5	4	8.54			1		1				1			1		1	Not listed			1	E	Leaning, climber, weedy species
T94B	T94B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	110	7	4	8.70		1			1			1				1	1		Not listed			1	B	Multi-stems
T96	T96	Area A I	*Macaranga tanarius var.tomentosa*	血桐	204	5	6	9.34		1			1			1				1		1	Not listed			1	B	Codominant trunks, bending trunk
T96A	T96A	Area A I	*Leucaena leucocephala*	銀合歡	100	6	3	9.65		1			1			1				1		1	Not listed			1	E	Weedy species
T96B	T96B	Area A I	*Leucaena leucocephala*	銀合歡	130	5	4	9.13			1		1				1			1		1	Not listed			1	E	Leaning 20, climber, weedy species
T97	T97	Area A I	*Macaranga tanarius var.tomentosa*	血桐	140	6	4	8.79		1			1			1				1	1		Not listed			1	B	Root close to retaining wall, leaning 70(40)
T98	T98	Area A I	*Macaranga tanarius var.tomentosa*	血桐	213	7	6	8.39		1			1			1				1	1		Not listed			1	B	Imbalance crown
T99	T99	Area A I	*Ficus variegata*	青果榕	321	11	5	7.95		1			1			1			1		1		Not listed			1	B	Buttress root, root close to T100
T100	T100	Area A I	*Ficus hispida*	對葉榕	210	7	5	7.94		1			1			1				1	1		Not listed			1	B	Imbalance crown, root close to T99
T101	T101	Area A I	*Macaranga tanarius var.tomentosa*	血桐	430	8	6	7.40		1			1			1			1		1		Not listed			1	B,E	Root fused with T101A, imbalance crown, crooked trunk
T101A	T101A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	286	5	5	7.40		1			1			1			1		1		Not listed			1	B,E	Root fused with T101, imbalance crown, bending trunk
T102	T102	Area A I	*Litsea monopetala*	假柿木薑子	105	3	2	7.64			1			1			1			1		1	Not listed			1	E	Leaning 50(60), uprooted, epicormics left, decaying trunk, bark peeling
T107	T107	Area A I	*Ficus hispida*	對葉榕	162	4	3	7.64		1			1			1				1		1	Not listed			1	B,E	On slope crest, imbalance crown, leaning 5(10), topped
T110	T110	Area A I	*Ficus hispida*	對葉榕	162	4	3	7.86		1			1			1				1	1		Not listed			1	B	Codominant stems, low fork
T111	T111	Area A I	*Litsea monopetala*	假柿木薑子	170	7	5	8.00		1			1			1			1		1		Not listed			1	B,E	Root close to T112, dense climbers, leaning
T112	T112	Area A I	*Litsea monopetala*	假柿木薑子	261	10	4	7.93		1			1			1			1		1		Not listed			1	B	Root close to T89, codominant branch, dense climbers
T134	T134	Area A I	*Macaranga tanarius var.tomentosa*	血桐	166	4	4	6.54		1			1			1			1		1		Not listed			1	B	Leaning 10(30), codominant stems, imbalance crown
T135	T135	Area A I	*Ficus hispida*	對葉榕	169	4	3	6.60			1		1				1			1		1	Not listed			1	B,E	Broken top, trunk wound
T136A	T136A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	140	5	5	6.06			1		1			1				1	1		Not listed			1	B	Leaning 10
T136B	T136B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	5	4	6.19			1		1			1				1	1		Not listed			1	B	Bending trunk
T138A	T138A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	160	4	4	6.36			1		1			1				1	1		Not listed			1	B,E	Leaning 30(30)
T138B	T138B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	120	4	3	6.15			1		1			1				1	1		Not listed			1	B,E	Leaning 30(30)
T138C	T138C	Area A I	*Macaranga tanarius var.tomentosa*	血桐	120	5	4	6.19			1		1			1				1	1		Not listed			1	B,E	Leaning 45
T138D	T138D	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	5	3	6.23		1			1			1				1	1		Not listed			1	B,E	
T138E	T138E	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	5	4	6.30			1		1			1				1	1		Not listed			1	B,E	Leaning 45
T138F	T138F	Area A I	*Macaranga tanarius var.tomentosa*	血桐	110	5	3	6.14			1		1			1				1	1		Not listed			1	B,E	Leaning 45(45)
T152	T152	Area A I	*Ficus variegata*	青果榕	321	9	6	5.90			1		1			1				1	1		Not listed			1	B	Bending trunk, imbalance crown, trunk nesting wire mesh (before)
T152A	T152A	Area A I	*Leucaena leucocephala*	銀合歡	120	6	5	5.71			1		1			1				1	1		Not listed			1	E	Leaning 20(20)
T153	T153	Area A I	*Litchi chinensis*	荔枝	688	12	7	6.02		1			1			1			1		1		Not listed			1	B	Codominant stems, exposed root
T154	T154	Area A I	*Dimocarpus longan*	龍眼	404	8	4	5.73			1		1			1				1	1		Not listed			1	B,E	Codominant branches one broken. trunk cavity, broken leader branch, trunk embedded with iron pole
T155	T155	Area A I	*Clausena lansium*	黃皮	239	8	5	5.57		1			1			1				1		1	Not listed			1	B	On slope crest, restricted root, root near fence
T156	T156	Area A I	*Ficus hispida*	對葉榕	124	5	4	4.35		1				1		1				1		1	Not listed			1	B	On slope berm, leaning, restricted root
T157	T157	Area A I	*Macaranga tanarius var.tomentosa*	血桐	283	7	5	4.04		1				1		1				1		1	Not listed			1	B	On slope berm, restricted root, root close to T158, leaning trunk
T160	T160	Area A I	*Macaranga tanarius var.tomentosa*	血桐	188	6	5	5.32			1		1			1				1	1		Not listed			1	B,E	Imbalance crown, bending trunk

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T160A	T160A	Area A I	*Ficus variegata*	青果榕	150	6	5	5.15		1			1			1				1	1		Not listed			1	B,E	Small branch crossed with T166
T161	T161	Area A I	*Litchi chinensis*	荔枝	365	11	8	5.63			1		1			1			1		1		Not listed			1	B	Base trunk wound, codominant stems with included bark, low fork
T162	T162	Area A I	*Clausena lansium*	黃皮	207	10	6	5.64			1		1			1				1	1		Not listed			1	B	Codominant stems, low fork, codominant branch with cross branch, included bark
T163	T163	Area A I	*Clausena lansium*	黃皮	339	8	6	5.69			1		1			1				1	1		Not listed			1	B	Multi-stems, low fork, codominant stems
T164	T164	Area A I	*Mangifera indica*	杧果	522	12	8	5.72		1			1			1			1		1		Not listed			1	B	On slope crest, codominant branch with included bark
T165	T165	Area A I	*Ficus subpisocarpa*	筆管榕	162	7	5	5.50		1				1		1				1	1		Not listed			1	B,E	On slope crest, multi-stems, shrubby
T166	T166	Area A I	*Macaranga tanarius var.tomentosa*	血桐	261	7	6	5.49			1		1				1			1	1		Not listed			1	B	Leaning, epicormics along trunk, imbalance crown, exposed root
T167	T167	Area A I	*Macaranga tanarius var.tomentosa*	血桐	261	6	6	5.74			1		1				1			1	1		Not listed			1	B,E	Leaning, imbalance crown, epicormics along trunk
T168	T168	Area A I	*Macaranga tanarius var.tomentosa*	血桐	248	6	5	5.77			1		1			1				1	1		Not listed			1	B,E	Imbalance crown, epicormics along trunk, root close to T169
T169	T169	Area A I	*Macaranga tanarius var.tomentosa*	血桐	229	5	5	5.80			1		1			1				1	1		Not listed			1	B,E	Imbalance crown, codominant branch with included bark, root close to T168, T170
T170	T170	Area A I	*Dimocarpus longan*	龍眼	153	8	6	5.60			1		1				1			1	1		Not listed			1	B,E	Leaning, bending trunk, imbalance crown, root close to T169, T171
T170A	T170A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	140	5	7	5.29			1		1			1				1	1		Not listed			1	B,E	Multiple stems, low fork
T170B	T170B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	5	3	5.33			1		1			1				1	1		Not listed			1	B	Leaning
T171	T171	Area A I	*Macaranga tanarius var.tomentosa*	血桐	175	8	4	5.53			1		1				1			1	1		Not listed			1	B	Leaning crooked trunk, imbalance crown, root close to T170
T172	T172	Area A I	*Dimocarpus longan*	龍眼	248	5	5	5.82			1		1			1				1	1		Not listed			1	B	Codominant stems, low fork, girdling root, exposed root
T173	T173	Area A I	*Dimocarpus longan*	龍眼	236	7	5	5.51			1		1				1			1	1		Not listed			1	B	Imbalance crown, on slope crest, leaning, codominant stems one broken, low fork
T175	T175	Area A I	*Dimocarpus longan*	龍眼	334	8	7	6.21			1		1				1		1		1		Not listed			1	B	Leaning, imbalance crown, on slope crest
T176	T176	Area A I	*Clausena lansium*	黃皮	271	7	6	6.29		1			1			1			1			1	Not listed			1	B	Codominant branch
T177	T177	Area A I	*Dimocarpus longan*	龍眼	390	9	8	6.44			1		1			1			1		1		Not listed			1	B	Trunk wound, codominant stems with included bark, on slope crest
T178	T178	Area A I	*Macaranga tanarius var.tomentosa*	血桐	334	8	6	6.17		1			1			1				1	1		Not listed			1	B	Leaning, exposed root
T179	T179	Area A I	*Dimocarpus longan*	龍眼	216	9	5	5.99			1		1			1				1	1		Not listed			1	B	Trunk embedded with rope, included bark
T180	T180	Area A I	*Mangifera indica*	杧果	423	9	5	5.94			1		1				1		1		1		Not listed			1	B	Leaning, exposed root, imbalance crown
T181	T181	Area A I	*Clausena lansium*	黃皮	261	9	6	5.90			1		1			1				1	1		Not listed			1	B	Trunk wound, imbalance crown, trunk embedded with rope, included bark, codominant cross branch, cross trunk
T182	T182	Area A I	*Clausena lansium*	黃皮	137	6	4	5.87			1		1				1			1	1		Not listed			1	B	Leaning, imbalance crown, climbers on trunk
T183	T183	Area A I	*Clausena lansium*	黃皮	121	7	3	5.95			1		1			1				1	1		Not listed			1	B,E	Climber on trunk, poor taper, cross trunk
T185	T185	Area A I	*Bischofia javanica*	秋楓	398	12	7	5.77		1			1			1			1		1		Not listed			1	B	
T186	T186	Area A I	*Macaranga tanarius var.tomentosa*	血桐	124	5	4	5.88		1			1			1			1		1		Not listed			1	B,E	Branch crossed with T188
T187	T187	Area A I	*Dimocarpus longan*	龍眼	251	10	6	5.67			1		1				1			1	1		Not listed			1	B,E	Codominant stems one broken, low fork, basal trunk cavity
T188	T188	Area A I	*Macaranga tanarius var.tomentosa*	血桐	481	11	8	5.70			1		1				1			1	1		Not listed			1	B,E	Leaning, exposed root, climbers on trunk, crossed with T186
T189	T189	Area A I	*Ficus hispida*	對葉榕	197	6	5	5.68			1			1			1			1	1		Not listed			1	B,E	Bark peeling, leaning
T190	T190	Area A I	*Ficus hispida*	對葉榕	172	4	6	5.72		1			1			1				1	1		Not listed			1	B,E	Sign of borer, exposed dead wood
T191	T191	Area A I	*Dimocarpus longan*	龍眼	255	6	4	6.01			1		1			1				1	1		Not listed			1	B,E	Climbers on trunk, broken top, crown formed by epicormics
T192	T192	Area A I	*Dimocarpus longan*	龍眼	271	8	5	5.93		1			1			1			1		1		Not listed			1	B	Unbalanced crown, dense climber on crown
T193	T193	Area A I	*Dimocarpus longan*	龍眼	267	8	5	6.00			1		1			1				1	1		Not listed			1	B	Codominant stems, imbalance crown, climbers, poor taper
T194	T194	Area A I	*Dimocarpus longan*	龍眼	280	8	6	6.01			1		1			1				1	1		Not listed			1	B	imbalance crown, root close to T195 and fence, multi-stems attached
T195	T195	Area A I	*Dimocarpus longan*	龍眼	245	9	5	6.01			1		1			1				1	1		Not listed			1	B,E	Crooked branch, codominant stems, root close to T194 and fence
T196	T196	Area A I	*Dimocarpus longan*	龍眼	321	8	6	6.15		1			1			1			1		1		Not listed			1	B	
T196A	T196A	Area A I	*Clausena lansium*	黃皮	100	7	4	6.09		1			1			1				1	1		Not listed			1	B	Crown suppressed by T196
T197	T197	Area A I	*Clausena lansium*	黃皮	166	7	3	5.98			1		1				1			1	1		Not listed			1	B	Leaning
T198	T198	Area A I	*Dimocarpus longan*	龍眼	172	9	4	6.08			1		1			1				1	1		Not listed			1	B	Imbalance crown, root close to T199
T199	T199	Area A I	*Clausena lansium*	黃皮	140	9	4	6.07			1		1				1			1	1		Not listed			1	B	Imbalance crown, uprooted before, root close to T198, leaning
T200	T200	Area A I	*Clausena lansium*	黃皮	143	9	5	6.06			1		1				1			1	1		Not listed			1	B	Multi-stems, low fork, leaning, imbalance crown, embedded with wire

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T203	T203	Area A I	*Clausena lansium*	黃皮	239	6	5	10.93		1			1			1					1		1	Not listed			1	B	On slope crest, epicormics, restricted root by paving and manhole, exposed root
T203A	T203A	Area A I	*Ficus hispida*	對葉榕	130	5	5	8.05		1			1			1				1		1		Not listed			1	B,E	Imbalance crown
T203B	T203B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	120	5	4	8.80			1		1				1			1		1		Not listed			1	B,E	Imbalance crown, leaning
T203C	T203C	Area A I	*Ficus hispida*	對葉榕	100	6	4	8.04			1		1			1				1	1			Not listed			1	B,E	Imbalance crown, crossed branch
T203D	T203D	Area A I	*Macaranga tanarius var.tomentosa*	血桐	120	3	4	9.85		1			1			1				1		1		Not listed			1	B	
T205	T205	Area A I	*Macaranga tanarius var.tomentosa*	血桐	283	8	6	9.04			1		1			1				1		1		Not listed			1	B,E	Multi-stems, included bark, root close to T206, T207
T206	T206	Area A I	*Ficus hispida*	對葉榕	137	5	5	8.79			1		1			1				1		1		Not listed			1	B,E	Unbalanced crown, root close to T205, T207, root girdling with each other
T207	T207	Area A I	*Ficus hispida*	對葉榕	137	6	5	8.90			1		1			1				1		1		Not listed			1	B	Root close to T205, T206, root girdling with each other
T208	T208	Area A I	*Ficus hispida*	對葉榕	159	8	5	8.83			1		1			1				1		1		Not listed			1	B,E	Unbalanced crown
T209	T209	Area A I	*Ficus hispida*	對葉榕	137	5	5	8.89			1		1			1				1		1		Not listed			1	B,E	Multi-stems, included bark
T210	T210	Area A I	*Ficus hispida*	對葉榕	188	5	4	9.14			1		1			1				1		1		Not listed			1	B	Unbalanced crown, root close to T213
T212	T212	Area A I	*Macaranga tanarius var.tomentosa*	血桐	286	6	5	7.61			1		1				1			1	1			Not listed			1	B	Leaning 15(5), restricted root
T213	T213	Area A I	*Ficus hispida*	對葉榕	162	6	5	9.06			1		1				1			1	1			Not listed			1	B	Unbalanced crown, leaning 5(25), root close to T210
T215	T215	Area A I	*Ficus hispida*	對葉榕	124	5	4	7.84			1		1			1				1		1		Not listed			1	B,E	Unbalanced crown, bending at trunk base, uneven soil gradient, close to T215A
T215A	T215A	Area A I	*Dalbergia odorifera*	降香黃檀	140	6	5	7.80		1			1			1				1		1	Cap 586, CITES			1	B	Close to T215. Cultivated plant.
T216	T216	Area A I	*Ficus hispida*	對葉榕	143	5	5	7.56		1			1			1				1	1			Not listed			1	B,E	Imbalance crown
T216A	T216A	Area A I	*Ficus hispida*	對葉榕	100	6	4	7.54		1			1			1				1	1			Not listed			1	B	
T217	T217	Area A I	*Macaranga tanarius var.tomentosa*	血桐	239	8	6	7.02			1		1			1				1	1			Not listed			1	B,E	Codominant stems, low fork, root restricted
T219	T219	Area A I	*Macaranga tanarius var.tomentosa*	血桐	210	5	7	8.58			1		1			1				1	1			Not listed			1	B	Imbalance crown, codominant stems, low fork
T220	T220	Area A I	*Ficus hispida*	對葉榕	204	5	6	8.54			1		1				1			1	1			Not listed			1	B,E	Close to T221, leaning 10(10)
T220A	T220A	Area A I	*Ficus hispida*	對葉榕	110	6	5	8.56			1		1			1				1	1			Not listed			1	B,E	Low fork
T221	T221	Area A I	*Ficus hispida*	對葉榕	121	4	4	8.63			1		1			1				1	1			Not listed			1	B	Trunk wound, root close to T220, imbalance crown, shaded by T220
T222	T222	Area A I	*Macaranga tanarius var.tomentosa*	血桐	156	7	6	8.60			1		1			1				1	1			Not listed			1	B	Contorted trunk
T223	T223	Area A I	*Spondias lakonensis*	嶺南酸棗	153	7	4	8.72			1		1				1			1	1			Not listed			1	B,E	Embedded with tie, uprooted before, leaning 10(10), harp tree
T223A	T223A	Area A I	*Ficus hispida*	對葉榕	140	1	1	8.70			1		1			1				1	1			Not listed			1	B,E	Multi-stems, low fork, topped, exposed root
T224	T224	Area A I	*Macaranga tanarius var.tomentosa*	血桐	146	2	1	8.64			1		1				1			1	1			Not listed			1	B,E	Broken trunk
T225	T225	Area A I	*Spondias lakonensis*	嶺南酸棗	194	9	4	8.63			1		1				1			1	1			Not listed			1	B,E	Broken one trunk, bending trunk
T225A	T225A	Area A I	*Litsea monopetala*	假柿木薑子	110	8	4	8.56			1		1			1				1	1			Not listed			1	B	Close to T225
T226	T226	Area A I	*Spondias lakonensis*	嶺南酸棗	169	9	5	8.40			1		1				1			1	1			Not listed			1	B,E	Embedded with tie, heavy leaning 20(15), bending trunk
T226A	T226A	Area A I	*Albizia lebbeck*	大葉合歡	140	8	5	8.53			1		1				1			1	1			Not listed			1	B	Poor taper, uprooted
T227	T227	Area A I	*Spondias lakonensis*	嶺南酸棗	197	8	5	8.35			1		1			1				1	1			Not listed			1	B,E	Bending trunk, exposed root
T227A	T227A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	170	6	5	8.30			1		1			1				1	1			Not listed			1	B,E	Multi-stems, low fork
T228	T228	Area A I	*Albizia lebbeck*	大葉合歡	236	8	6	8.07			1		1				1			1	1			Not listed			1	B,E	Leaning 30(20)
T228A	T228A	Area A I	*Melia azedarach*	苦楝	220	11	5	7.87			1		1				1			1	1			Not listed			1	B	Toppled, bending trunk
T229	T229	Area A I	*Melia azedarach*	苦楝	299	9	6	7.41			1		1			1				1		1		Not listed			1	B	Root close to T230, slightly imbalance crown, on slope crest
T230	T230	Area A I	*Macaranga tanarius var.tomentosa*	血桐	140	5	4	7.19		1			1				1			1		1		Not listed			1	B,E	Close to T229, leaning 5(5), root girdling with T230
T231	T231	Area A I	*Spondias lakonensis*	嶺南酸棗	264	6	5	8.60			1		1			1				1	1			Not listed			1	B,E	Topped, crown from epicormics, uprooted
T231A	T231A	Area A I	*Litchi chinensis*	荔枝	220	6	5	8.09			1		1			1				1	1			Not listed			1	B	Codominant stems, included bark, codominant branch
T231D	T231D	Area A I	*Litchi chinensis*	荔枝	400	10	7	7.86		1			1			1				1	1			Not listed			1	B	Restricted root
T231F	T231F	Area A I	*Dimocarpus longan*	龍眼	100	3	2	8.02			1		1			1				1	1			Not listed			1	B,E	Codominant branches, included bark, crossed branch
T232	T232	Area A I	*Melia azedarach*	苦楝	204	9	7	7.40			1		1				1			1		1		Not listed			1	B	Leaning 20(15), imbalance crown, broken top
T232A	T232A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	120	6	5	7.99			1		1			1				1	1			Not listed			1	B	Multi-stems. Low fork
T233	T233	Area A I	*Melia azedarach*	苦楝	315	10	6	7.45		1			1			1			1		1			Not listed			1	B	Embedded with tie, on slope crest
T234	T234	Area A I	*Dalbergia odorifera*	降香黃檀	210	8	7	7.70			1		1				1			1	1			Cap 586, CITES			1	B,E	Leaning 80(50), uprooted. Cultivated plant.
T234A	T234A	Area A I	*Ficus hispida*	對葉榕	140	6	6	7.74			1		1			1				1	1			Not listed			1	B	Multi-stems, low fork

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T234B	T234B	Area A I	*Ficus hispida*	對葉榕	100	5	5	7.59			1		1			1				1	1		Not listed			1	B,E	Imbalance crown, leaning
T235	T235	Area A I	*Dalbergia odorifera*	降香黃檀	121	8	4	7.60			1		1				1			1	1		Cap 586, CITES			1	B,E	Leaning 80(50), codominant stems, low fork. Cultivated plant.
T235A	T235A	Area A I	*Ficus hispida*	對葉榕	120	6	4	7.62		1			1			1				1	1		Not listed			1	B	On slope crest
T236	T236	Area A I	*Melaleuca cajuputi*	白千層	216	9	4	9.08		1			1			1			1		1		Not listed			1	B	Codominant branches, included bark
T237	T237	Area A I	*Bischofia javanica*	秋楓	888	16	8	9.35		1			1			1				1	1		Not listed			1	B	Multi-stems, included bark, exposed root
T237A	T237A	Area A I	*Osmanthus fragrans*	桂花	100	2	2	8.64			1		1				1			1	1		Not listed			1	B,E	Severe leaning, uprooted
T238	T238	Area A I	*Melaleuca cajuputi*	白千層	321	9	6	9.13		1			1			1			1		1		Not listed			1	B,E	Basal trunk wound and decay
T238A	T238A	Area A I	*Ficus variegata*	青果榕	130	4	4	8.84			1		1			1				1	1		Not listed			1	B	Imbalance
T239	T239	Area A I	*Melaleuca cajuputi*	白千層	462	10	7	9.10		1			1			1			1		1		Not listed			1	B	Included bark, codominant trunks
T240	T240	Area A I	*Ficus hispida*	對葉榕	156	6	5	9.27			1		1			1				1	1		Not listed			1	B,E	Multi-stems, included bark
T241	T241	Area A I	*Ficus hispida*	對葉榕	220	7	5	9.27			1		1			1				1	1		Not listed			1	B,E	Multi-stems, included bark, root close to fence and footing, restricted root
T242	T242	Area A I	*Celtis sinensis*	朴樹	150	6	4	9.21			1		1				1			1	1		Not listed			1	B	Root close to T237, imbalance crown, leaning 5(20)
T243	T243	Area A I	*Melaleuca cajuputi*	白千層	245	9	5	8.90			1			1		1				1	1		Not listed			1	B,E	Codominant branches, included bark, dieback, sparse foliage
T244	T244	Area A I	*Melaleuca cajuputi*	白千層	280	11	6	9.09			1			1		1				1	1		Not listed			1	B,E	cossing branches , no main leaders
T244A	T244A	Area A I	*Ligustrum sinense*	山指甲	100	5	3	9.03			1		1			1				1	1		Not listed			1	B,E	Imbalance, shrubby
T244B	T244B	Area A I	*Ligustrum sinense*	山指甲	140	5	5	9.19			1		1			1				1	1		Not listed			1	B,E	Multi-branches, low fork, crossed, shrubby
T245	T245	Area A I	*Litchi chinensis*	荔枝	630	13	10	8.17		1			1			1				1		1	Not listed	1			A	Multi-branches, root near fence, restricted root
T246	T246	Area A I	*Litsea glutinosa*	潺槁樹	134	3	1	9.17			1			1		1				1		1	Not listed			1	E	Trunk embedded with fence, all branches tipped, crown formed by epicormics
T247	T247	Area A I	*Clausena lansium*	黃皮	166	5	3	7.57		1			1			1				1		1	Not listed			1	B	Multi-stems
T247A	T247A	Area A I	*Clausena lansium*	黃皮	210	5	4	7.25			1		1			1				1	1		Not listed			1	B	Imbalance
T247B	T247B	Area A I	*Carica papaya*	番木瓜	120	6	3	6.08		1			1			1				1	1		Not listed			1	B	
T248	T248	Area A I	*Dimocarpus longan*	龍眼	201	5	4	7.39			1		1			1				1		1	Not listed			1	B	Embedded with fence
T249	T249	Area A I	*Leucaena leucocephala*	銀合歡	207	9	5	5.07			1		1				1			1	1		Not listed			1	E	Codominant trunks, weedy species
T249A	T249A	Area A I	*Leucaena leucocephala*	銀合歡	220	7	4	5.00			1		1				1			1	1		Not listed			1	E	Leaning, weedy species
T249B	T249B	Area A I	*Leucaena leucocephala*	銀合歡	190	7	5	5.05			1		1			1				1	1		Not listed			1	E	Leaning , weedy species
T249C	T249C	Area A I	*Leucaena leucocephala*	銀合歡	200	10	6	5.12			1		1			1				1	1		Not listed			1	E	Multi-stems, weedy species
T250	T250	Area A I	*Leucaena leucocephala*	銀合歡	153	5	6	5.14			1		1			1				1	1		Not listed			1	E	Low fork, multi-stems, cross stems, girdling by climber, weedy species, toppled
T251	T251	Area A I	*Clausena lansium*	黃皮	156	9	5	5.90			1		1				1			1	1		Not listed			1	B	Imbalance crown, leaning, bending trunk
T252	T252	Area A I	*Clausena lansium*	黃皮	156	7	4	5.93			1		1				1			1	1		Not listed			1	B	Climbers on trunk, root close toT253, imbalance crown, bending trunk, leaning
T253	T253	Area A I	*Clausena lansium*	黃皮	118	6	3	5.92			1		1				1			1	1		Not listed			1	B	Poor taper, leaning close to T254, climbers on trunk
T254	T254	Area A I	*Clausena lansium*	黃皮	153	7	4	5.85			1		1				1			1	1		Not listed			1	B	Unbalanced crown, leaning 5(20), poor taper
T256	T256	Area A I	*Leucaena leucocephala*	銀合歡	220	6	5	5.05			1		1				1			1	1		Not listed			1	E	Codominant trunks, leaning, imbalance crown, trunk wound, weedy species, toppled, crown covered by
T257	T257	Area A I	*Macaranga tanarius var.tomentosa*	血桐	172	7	5	4.99			1		1			1				1	1		Not listed			1	B	Bending trunk
T257A	T257A	Area A I	*Leucaena leucocephala*	銀合歡	170	10	6	4.97			1		1			1				1	1		Not listed			1	E	Leaning, weedy species
T257B	T257B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	9	6	8.01			1		1			1				1	1		Not listed			1	B	Conflicted with fence
T258	T258	Area A I	*Macaranga tanarius var.tomentosa*	血桐	201	8	5	5.03			1		1			1				1	1		Not listed			1	B	Bending trunk
T259	T259	Area A I	*Macaranga tanarius var.tomentosa*	血桐	239	6	6	8.68			1		1			1				1	1		Not listed			1	B	Embedded with fence
T259A	T259A	Area A I	*Leucaena leucocephala*	銀合歡	190	6	5	4.12			1		1				1			1	1		Not listed			1	E	Uprooted, weedy species
T260	T260	Area A I	*Leucaena leucocephala*	銀合歡	223	10	7	4.99			1		1				1			1	1		Not listed			1	E	Bending trunk, imbalance crown, uprooted, weedy species
T260A	T260A	Area A I	*Leucaena leucocephala*	銀合歡	240	13	7	4.78			1			1		1				1	1		Not listed			1	E	Sparse foliage
T261	T261	Area A I	*Macaranga tanarius var.tomentosa*	血桐	290	8	5	5.22			1			1		1				1	1		Not listed			1	B,E	Bark peeling, codominant stems, low fork, included bark, imbalance crown, trunk embedded with fence
T262	T262	Area A I	*Ficus hispida*	對葉榕	118	6	4	5.51			1		1			1				1	1		Not listed			1	B	Poor taper, codominant stems (1 dead), low fork, imbalance crown, included bark, embedded with fence
T263	T263	Area A I	*Litchi chinensis*	荔枝	500	12	7	5.22		1			1			1				1	1		Not listed			1	B	Codominant branch, codominant stems, on slope crest, restricted root
T263A	T263A	Area A I	*Macaranga tanarius var.tomentosa*	血桐	230	9	6	4.98			1		1				1			1	1		Not listed			1	B,E	Uprooted
T263B	T263B	Area A I	*Macaranga tanarius var.tomentosa*	血桐	100	6	4	4.85			1			1		1				1	1		Not listed			1	B,E	Broken trunk, low live crown ratio, sparse foliage

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T264	T264	Area A I	*Litchi chinensis*	荔枝	242	8	6	5.48		1			1			1					1	1		Not listed			1	B	On slope crest, imbalance crown, root near concrete
T265	T265	Area A I	*Macaranga tanarius var.tomentosa*	血桐	223	11	6	5.53			1		1				1			1		1	Not listed			1	B,E	Leaning10, imbalance crown, on slope crest
T266	T266	Area A I	*Leucaena leucocephala*	銀合歡	216	6	5	4.71			1		1				1			1	1		Not listed			1	E	Weedy species, uprooted and toppled, epicormics as leader
T267	T267	Area A I	*Leucaena leucocephala*	銀合歡	175	9	4	4.61			1		1			1				1	1		Not listed			1	E	Uprooted
T268	T268	Area A I	*Leucaena leucocephala*	銀合歡	175	7	5	4.68		1			1			1				1	1		Not listed			1	E	Codominant stems (1 broken), weedy species
T269	T269	Area A I	*Leucaena leucocephala*	銀合歡	140	9	5	4.80			1		1			1				1	1		Not listed			1	E	Leaning, lying on wooden fence, weedy species
T269A	T269A	Area A I	*Leucaena leucocephala*	銀合歡	170	8	4	4.85			1		1			1				1	1		Not listed			1	E	Leaning, weedy species
T269B	T269B	Area A I	*Leucaena leucocephala*	銀合歡	150	6	3	4.89			1		1				1			1	1		Not listed			1	E	Toppled, weedy species
T270	T270	Area A I	*Leucaena leucocephala*	銀合歡	191	13	8	4.73		1			1			1				1	1		Not listed			1	E	Multiple-stems, weedy species
T271	T271	Area A I	*Leucaena leucocephala*	銀合歡	220	8	5	4.89			1		1			1				1	1		Not listed			1	E	Codominant stems, included bark, weedy species
T272	T272	Area A I	*Leucaena leucocephala*	銀合歡	153	6	5	5.69		1			1			1				1	1		Not listed			1	E	Multiple-stems, weedy species, toppled and uprooted
T272A	T272A	Area A I	*Leucaena leucocephala*	銀合歡	130	7	5	5.04			1		1				1			1	1		Not listed			1	E	Close to T272, fungal fruiting bodies at trunk base, leaning 45(40), crown and trunk covered by climbers
T273	T273	Area A I	*Leucaena leucocephala*	銀合歡	210	9	5	5.01			1		1				1			1	1		Not listed			1	E	Codominant branches fused, leaning, weedy species
T274	T274	Area A I	*Litchi chinensis*	荔枝	430	7	6	6.67			1		1				1			1		1	Not listed			1	B	Leaning 10(5), multiple-branches
T275	T275	Area A I	*Dimocarpus longan*	龍眼	226	10	5	8.31			1		1			1				1		1	Not listed			1	B	Topped, crown formed by epicormics
T275A	T275A	Area A I	*Clausena lansium*	黃皮	120	4	1	8.95			1			1		1				1	1		Not listed			1	E	Codominant branches (topped), one dead, few foliage left
T275B	T275B	Area A I	*Clausena lansium*	黃皮	150	4	3	8.84		1			1			1			1		1		Not listed	1			A	
T275C	T275C	Area A I	*Citrus maxima*	柚	170	6	3	8.81		1			1			1				1	1		Not listed	1			A	Root close to T275D, fused codominant branches
T275D	T275D	Area A I	*Citrus maxima*	柚	210	5	4	8.78		1			1			1			1		1		Not listed	1			A	Root close to T275C,
T276	T276	Area A I	*Macaranga tanarius var.tomentosa*	血桐	271	8	6	5.24			1		1				1			1		1	Not listed			1	B,E	Leaning 25(45), imbalance crown
T278	T278	Area A I	*Ficus hispida*	對葉榕	302	5	5	5.89			1		1			1				1		1	Not listed			1	B,E	Unbalanced crown, trunk wound
T279	T279	Area A I	*Bischofia javanica*	秋楓	95	7	4	5.34		1			1			1				1	1		Not listed			1	B,E	Poor taper, crown covered by climber
T280	T280	Area A I	*Bridelia tomentosa*	土蜜樹	137	5	5	5.24			1		1				1			1	1		Not listed			1	B,E	Unbalanced crown, leaning 5(10)
T281	T281	Area A I	*Macaranga tanarius var.tomentosa*	血桐	134	6	5	5.33			1		1				1			1	1		Not listed			1	B,E	Exposed root, uprooted, bending trunk, imbalance crown, root close to T282, weedy species, embedded
T282	T282	Area A I	*Leucaena leucocephala*	銀合歡	248	10	6	5.30			1		1			1				1	1		Not listed			1	E	Codominant stems, included bark, root close to T281, weedy species
T283	T283	Area A I	*Ficus hispida*	對葉榕	181	4	3	6.19			1		1			1				1		1	Not listed			1	B	Imbalance crown, trunk wound, restricted root, root nearby rock
T284	T284	Area A I	*Macaranga tanarius var.tomentosa*	血桐	188	8	5	6.22			1		1			1				1		1	Not listed			1	B,E	Multiple-stems, included bark, imbalance crown, restricted root, on rock
T285	T285	Area A I	*Ficus hispida*	對葉榕	169	3	1	5.78			1			1			1			1		1	Not listed			1	B,E	Multiple-trunk, broken trunk
T286	T286	Area A I	*Dimocarpus longan*	龍眼	363	7	6	6.12		1			1			1				1		1	Not listed	1			A	Iron nails on trunk, restricted root
T287	T287	Area A I	*Dimocarpus longan*	龍眼	395	7	5	5.90		1			1			1				1		1	Not listed	1			A	Codominant branch, included bark, restricted root
T288	T288	Area A I	*Clausena lansium*	黃皮	131	5	3	5.76		1			1			1				1		1	Not listed	1			A	Slightly imbalance crown, restricted root
T289	T289	Area A I	*Dimocarpus longan*	龍眼	166	6	6	5.64		1			1			1				1		1	Not listed	1			A	Root close to T290, imbalance crown, leaning 5(20)
T290	T290	Area A I	*Dimocarpus longan*	龍眼	430	8	6	5.83		1			1			1				1		1	Not listed	1			A	Root close to T289 and T291, restricted root by rock, codominant branches
T291	T291	Area A I	*Dimocarpus longan*	龍眼	105	4	2	5.71		1			1			1				1		1	Not listed	1			A	Root close to T290 and T292, root restricted by rock, epicormics
T292	T292	Area A I	*Dimocarpus longan*	龍眼	328	8	6	5.92		1			1			1				1		1	Not listed	1			A	Root close to T291 and T293, codominant stems, restricted root, imbalance crown
T293	T293	Area A I	*Dimocarpus longan*	龍眼	372	7	4	5.68		1			1			1				1		1	Not listed	1			A	Imbalance crown, codominant branch, included bark
T294	T294	Area A I	*Bischofia javanica*	秋楓	185	5	5	5.36			1			1		1				1	1		Not listed			1	E	Toppled, Collapsed
T294A	T294A	Area A I	*Ficus hispida*	對葉榕	120	5	5	5.36		1			1			1				1	1		Not listed	1			A	Codominant stems, low fork
T295	T295	Area A I	*Cinnamomum burmannii*	陰香	108	6	4	5.26			1			1		1				1	1		Not listed			1	E	Codominant branches with included bark, crossed
T295B	T295B	Area A I	*Bischofia javanica*	秋楓	250	6	5	5.43			1		1			1				1	1		Not listed			1	B,E	Crown suppressed by adjacent trees, sparse foilage
T295C	T295C	Area A I	*Bischofia javanica*	秋楓	160	5	5	5.37			1		1			1				1	1		Not listed			1	B,E	low fork,codominant trunk, bending trunk, supressed by adjacent trees, sparse foliage
T296	T296	Area A I	*Leucaena leucocephala*	銀合歡	172	9	8	4.91			1		1				1			1	1		Not listed			1	E	Multi-stems, included bark, leaning 10(10), weedy species
T296A	T296A	Area A I	*Leucaena leucocephala*	銀合歡	240	9	6	5.06			1		1			1				1	1		Not listed			1	E	Leaning

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			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T297	T297	Area A I	*Leucaena leucocephala*	銀合歡	290	10	6	5.31			1		1				1			1	1		Not listed			1	E	Codominant branches with included bark, codominant stems, low fork, uprooted, weedy species
T299	T299	Area A I	*Leucaena leucocephala*	銀合歡	197	11	6	5.06			1		1				1			1	1		Not listed			1	E	Codominant stem, low fork, uprooted, weedy species
T299A	T299A	Area A I	*Bauhinia purpurea*	紅花羊蹄甲	160	6	5	5.16			1		1				1			1	1		Not listed			1	B,E	Crossed, uprooted
T300	T300	Area A I	*Leucaena leucocephala*	銀合歡	169	10	6	5.07			1		1				1			1	1		Not listed			1	E	Trunk wound, uprooted, leaning 15(10), weedy species
T300A	T300A	Area A I	*Cinnamomum camphora*	樟	170	6	4	4.79		1			1			1				1	1		Not listed			1	B,E	Restricted root
T300B	T300B	Area A I	*Leucaena leucocephala*	銀合歡	110	7	4	4.78			1		1			1				1	1		Not listed			1	E	Leaning, imbalance
T301	T301	Area A I	*Leucaena leucocephala*	銀合歡	143	2	2	4.52			1		1			1				1	1		Not listed			1	E	Topped, weedy species
T302	T302	Area A I	*Leucaena leucocephala*	銀合歡	172	6	5	4.61			1		1			1				1	1		Not listed			1	E	Multi-stems, included bark, weedy species
T302A	T302A	Area A I	*Leucaena leucocephala*	銀合歡	150	7	5	4.77			1		1				1			1	1		Not listed			1	E	Uprooted, weedy species
T302B	T302B	Area A I	*Leucaena leucocephala*	銀合歡	200	7	5	4.73			1		1				1			1	1		Not listed			1	E	Uprooted, weedy species
T303	T303	Area A I	*Leucaena leucocephala*	銀合歡	220	4	3	4.37			1		1			1				1	1		Not listed			1	E	Multi-stems, included bark, weedy species
T305	T305	Area A I	*Leucaena leucocephala*	銀合歡	248	5	3	4.57			1		1				1			1	1		Not listed			1	E	Topped, weedy species
T306	T306	Area A I	*Leucaena leucocephala*	銀合歡	169	9	5	4.90			1		1				1			1	1		Not listed			1	E	Multi-stems, uprooted, toppled, weedy species, crown covered by climbers, epicormics as leader
T307	T307	Area A I	*Leucaena leucocephala*	銀合歡	201	10	5	4.90		1			1			1				1	1		Not listed			1	E	Multi-stems, one stem lying on fence (toppled), weedy species
T307A	T307A	Area A I	*Leucaena leucocephala*	銀合歡	170	6	5	4.92			1		1			1				1	1		Not listed			1	E	Leaning, weedy species
T307B	T307B	Area A I	*Leucaena leucocephala*	銀合歡	150	9	5	4.74			1		1				1			1	1		Not listed			1	E	Toppled, weedy species
T307C	T307C	Area A I	*Bauhinia variegata*	宮粉羊蹄甲	210	5	5	4.80			1		1				1			1	1		Not listed			1	E	Toppled
T311	T311	Area A I	*Leucaena leucocephala*	銀合歡	143	7	4	4.38			1		1				1			1	1		Not listed			1	E	Uprooted, weedy species
T311A	T311A	Area A I	*Leucaena leucocephala*	銀合歡	145	7	4	4.30			1		1				1			1	1		Not listed			1	E	Weedy species
T312	T312	Area A I	*Leucaena leucocephala*	銀合歡	229	11	5	4.34			1		1				1			1	1		Not listed			1	E	Uprooted, multi-stems, weedy species
T313	T313	Area A I	*Leucaena leucocephala*	銀合歡	166	6	5	4.42			1		1				1			1	1		Not listed			1	E	Uprooted, weedy species
T314	T314	Area A I	*Bauhinia purpurea*	紅花羊蹄甲	226	7	5	3.12			1		1				1			1	1		Not listed			1	B,E	Uprooted, leaning 70(45)
T316	T316	Area A I	*Macaranga tanarius var.tomentosa*	血桐	236	6	8	4.25			1		1			1				1	1		Not listed			1	B,E	Trunk wound, codominant stems
T317	T317	Area A I	*Macaranga tanarius var.tomentosa*	血桐	293	7	6	4.30		1			1			1			1		1		Not listed			1	B	Multi-branches
T318	T318	Area A I	*Macaranga tanarius var.tomentosa*	血桐	220	9	5	4.19			1		1				1		1		1		Not listed			1	B	Leaning 10(10), imbalance crown
T319	T319	Area A I	*Leucaena leucocephala*	銀合歡	213	12	5	4.81			1		1				1			1	1		Not listed			1	E	Imbalance crown, leaning 80(60), weedy species, uprooted
T320	T320	Area A I	*Leucaena leucocephala*	銀合歡	201	5	5	4.47			1		1				1			1	1		Not listed			1	E	Uprooted, weedy species
T321	T321	Area A I	*Leucaena leucocephala*	銀合歡	271	13	6	4.65			1		1				1			1	1		Not listed			1	E	Leaning 35(45), weedy species
T322	T322	Area A I	*Macaranga tanarius var.tomentosa*	血桐	309	11	7	4.77		1			1			1				1	1		Not listed			1	B,E	Exposed root, root injury
T323	T323	Area A I	*Macaranga tanarius var.tomentosa*	血桐	213	10	8	4.54			1		1			1				1	1		Not listed			1	B	Bending trunk, imbalance crown
T325	T325	Area A I	*Leucaena leucocephala*	銀合歡	213	10	7	4.45			1		1				1			1	1		Not listed			1	E	Imbalance crown, cross trunk, codominant-stems, leaning 5(15), weedy species
T326	T326	Area A I	*Macaranga tanarius var.tomentosa*	血桐	350	9	6	4.45			1		1				1			1	1		Not listed			1	B	Leaning 30(5), restricted root, root close to lighting pole footing, on slope crest
T327	T327	Area A I	*Leucaena leucocephala*	銀合歡	293	11	6	4.58			1		1				1			1	1		Not listed			1	E	Imbalance crown, leaning 30(25), weedy species
T328	T328	Area A I	*Macaranga tanarius var.tomentosa*	血桐	232	7	7	4.52			1		1				1			1	1		Not listed			1	B,E	Bending trunk, uprooted
T329	T329	Area A I	*Macaranga tanarius var.tomentosa*	血桐	267	7	8	4.66			1		1			1			1		1		Not listed			1	B	Root near concrete, imbalance crown, on slope crest
T330	T330	Area A I	*Macaranga tanarius var.tomentosa*	血桐	264	10	4	4.28		1			1			1				1		1	Not listed			1	B,E	On slope crest, leaning 10(10), large trunk wound
T331	T331	Area A I	*Ficus hispida*	對葉榕	166	9	3	4.41		1			1			1				1	1		Not listed			1	B	Crooked trunk, lion-tailing
T332	T332	Area A I	*Ficus hispida*	對葉榕	162	6	5	4.23		1			1			1				1		1	Not listed			1	B	On slope crest, imbalance crown
T333	T333	Area A I	*Macaranga tanarius var.tomentosa*	血桐	216	8	4	4.51		1			1			1				1	1		Not listed			1	B	Leaning 10(15), trunk wound at base, imbalance crown
T334	T334	Area A I	*Macaranga tanarius var.tomentosa*	血桐	271	7	4	4.62			1		1				1			1	1		Not listed			1	B	Leaning 15(15), imbalance crown
T335	T335	Area A I	*Macaranga tanarius var.tomentosa*	血桐	201	7	6	4.60		1			1			1				1	1		Not listed			1	B	Root close to T336, bending trunk, imbalance crown, leaning
T336	T336	Area A I	*Macaranga tanarius var.tomentosa*	血桐	153	7	4	4.57		1			1			1				1	1		Not listed			1	B	Bending trunk, root close to T335, imbalance crown, root near wire mash
T337	T337	Area A I	*Leucaena leucocephala*	銀合歡	242	12	5	4.77			1		1			1				1	1		Not listed			1	E	Root near concrete and wire-mash, imbalance crown, weedy species
T338	T338	Area A I	*Leucaena leucocephala*	銀合歡	258	11	7	4.86			1		1			1				1	1		Not listed			1	E	On slope crest, bending trunk, weedy species

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T340	T340	Area A I	*Macaranga tanarius var.tomentosa*	血桐	134	6	4	4.79			1		1				1			1	1		Not listed			1	B,E	Near concrete, leaning 10(5), on slope crest, contorted trunk
T341	T341	Area A I	*Leucaena leucocephala*	銀合歡	271	12	6	5.03			1		1				1			1	1		Not listed			1	E	Leaning 10(5), weedy species
T342	T342	Area A I	*Leucaena leucocephala*	銀合歡	121	11	5	5.01			1		1			1				1	1		Not listed			1	E	On slope crest, bending trunk, imbalance crown, weedy species, close to T343
T343	T343	Area A I	*Leucaena leucocephala*	銀合歡	277	12	7	5.00			1			1		1				1	1		Not listed			1	E	On slope crest, exposed dead wood, leader decaying, bending trunk, Codominant stems one broken decaying, weedy species, low fork, close to T342
T344	T344	Area A I	*Spondias lakonensis*	嶺南酸棗	401	12	7	4.61		1			1			1				1	1		Not listed			1	B	
T346	T346	Area A I	*Leucaena leucocephala*	銀合歡	166	9	6	4.54			1		1			1				1	1		Not listed			1	E	Multiple-stems, weedy species
T347	T347	Area A I	*Leucaena leucocephala*	銀合歡	177	10	5	4.56			1		1			1				1	1		Not listed			1	E	Multiple-stems, included bark, weedy species, leaning
T347A	T347A	Area A I	*Leucaena leucocephala*	銀合歡	150	7	5	4.64			1		1				1			1	1		Not listed			1	E	Toppled
T351	T351	Area A I	*Cinnamomum camphora*	樟	264	7	5	4.12			1		1			1				1	1		Not listed			1	B	Imbalance crown
T352	T352	Area A I	*Spondias lakonensis*	嶺南酸棗	229	10	5	3.98		1			1			1				1	1		Not listed			1	B	Contorted trunk
T353	T353	Area A I	*Leucaena leucocephala*	銀合歡	188	5	6	4.12		1			1			1				1	1		Not listed			1	E	trunk wound, weedy species, toppled
T354	T354	Area A I	*Bauhinia × blakeana*	洋紫荊	293	7	7	4.04			1		1				1			1	1		Not listed			1	B,E	Leaning 15(15), codominant branch, gridling root
T355	T355	Area A I	*Cinnamomum camphora*	樟	181	5	4	4.10		1			1			1			1		1		Not listed			1	B,E	Dense climber, trunk wound, sparse foilage
T356	T356	Area A I	*Macaranga tanarius var.tomentosa*	血桐	150	5	4	3.95		1			1				1		1		1		Not listed			1	B,E	Climber, leaning 5(5), suppressed, sparse foilage
T358	T358	Area A I	*Macaranga tanarius var.tomentosa*	血桐	293	7	7	5.02		1			1			1				1		1	Not listed	1			A	Low branch, trunk close to fence
T359	T359	Area A I	*Leucaena leucocephala*	銀合歡	210	11	7	4.98			1		1				1			1		1	Not listed			1	E	Crooked trunk, heavy climbers cover crown, lower trunk, trunk embedded in fence, weedy species
T361	T361	Area A I	*Leucaena leucocephala*	銀合歡	250	9	5	4.93			1		1			1				1	1		Not listed			1	E	Imbalance crown, multi-stems, uprooted, weedy species
T362	T362	Area A I	*Leucaena leucocephala*	銀合歡	232	10	5	4.89			1		1				1			1	1		Not listed			1	E	Leaning 10(15), close to T361, bending trunk, weedy species
T363	T363	Area A I	*Ficus hispida*	對葉榕	169	6	4	4.86			1		1			1				1	1		Not listed			1	B	Root collar embedded with fence
T364	T364	Area A I	*Leucaena leucocephala*	銀合歡	258	12	7	4.74			1		1				1			1	1		Not listed			1	E	Multiple-stems, included bark, Slightly uprooted, weedy species, embedded with fence, climbers on
T365	T365	Area A I	*Ficus hispida*	對葉榕	150	6	5	4.76			1		1			1				1	1		Not listed			1	B	Multiple-stems, low fork
T367	T367	Area A I	*Leucaena leucocephala*	銀合歡	197	8	4	4.71			1		1				1			1	1		Not listed			1	E	Uprooted, included bark, weedy species
T368	T368	Area A I	*Leucaena leucocephala*	銀合歡	124	6	6	4.55			1		1				1			1	1		Not listed			1	E	Uprooted and toppled, multiple-stems, included bark, weedy species, epicormics as leader
T370	T370	Area A I	*Leucaena leucocephala*	銀合歡	188	9	5	4.56			1		1				1			1	1		Not listed			1	E	Uprooted, leaning 15(20), weedy species, trunk embedded with fence
T371	T371	Area A I	*Leucaena leucocephala*	銀合歡	172	7	4	4.61			1		1			1				1	1		Not listed			1	E	Toppled
T372	T372	Area A I	*Leucaena leucocephala*	銀合歡	248	13	6	4.65			1		1				1			1	1		Not listed			1	E	Leaning 10(10), weedy species
T373	T373	Area A I	*Leucaena leucocephala*	銀合歡	220	13	4	4.50			1		1				1			1	1		Not listed			1	E	Leaning 10(20), trunk embedded with wooden fence, weedy species
T374	T374	Area A I	*Leucaena leucocephala*	銀合歡	242	14	6	4.53			1		1				1			1	1		Not listed			1	E	Leaning 30(40), bending trunk, weedy species
T375	T375	Area A I	*Leucaena leucocephala*	銀合歡	207	8	4	4.63			1		1			1				1	1		Not listed			1	E	Multiple-stems, one broken, weedy species
T376	T376	Area A I	*Leucaena leucocephala*	銀合歡	156	9	5	4.65		1			1			1				1	1		Not listed			1	E	Multiple-stems, weedy species
T377	T377	Area A I	*Leucaena leucocephala*	銀合歡	172	9	4	4.77		1			1			1				1	1		Not listed			1	E	Codominant stems, weedy species, uprooted
T378	T378	Area A I	*Leucaena leucocephala*	銀合歡	197	6	5	4.88			1		1				1			1	1		Not listed			1	E	Uprooted, leaning 10(15), weedy species, trunk wound
T381	T381	Area A I	*Leucaena leucocephala*	銀合歡	153	10	4	5.34			1		1				1			1	1		Not listed			1	E	Leaning 15(15), weedy species
T381A	T381A	Area A I	*Leucaena leucocephala*	銀合歡	140	8	4	5.35			1		1			1				1	1		Not listed			1	E	Leaning 10(10), weedy species
T382	T382	Area A I	*Delonix regia*	鳳凰木	293	13	6	5.40		1			1			1			1		1		Not listed		1		C	Crown close to other trees foliage, wound
T383	T383	Area A I	*Leucaena leucocephala*	銀合歡	207	11	5	5.70			1		1				1			1	1		Not listed			1	E	Leaning, trunk cross with T384, weeding species, weedy species
T384	T384	Area A I	*Leucaena leucocephala*	銀合歡	185	9	5	5.66			1		1				1			1	1		Not listed			1	E	Trunk cross with T383, uprooted, weeding species
T385	T385	Area A I	*Delonix regia*	鳳凰木	427	15	8	5.58		1			1			1			1		1		Not listed		1		C	Crown close to other tree foliage, codominant branches
T386	T386	Area A I	*Leucaena leucocephala*	銀合歡	137	7	4	5.61			1		1			1				1	1		Not listed			1	E	Crooked trunk, weedy species, broken top
T387	T387	Area A I	*Delonix regia*	鳳凰木	407	14	8	5.63		1			1			1			1		1		Not listed		1		C	Crown close to other trees foliage
T388	T388	Area A I	*Delonix regia*	鳳凰木	439	12	10	5.75		1			1			1			1		1		Not listed		1		C	Crown close to other tree foliage

Tree ID	Photo No.	Current	Scientific Name	Chinese Name	Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
					Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T389	T389	Area A I	*Leucaena leucocephala*	銀合歡	337	8	5	5.62			1			1			1			1	1		Not listed			1	E	Various, root close to T390, restricted root by fence, abnormal bark crack at trunk, weedy species, branch wound
T390	T390	Area A I	*Leucaena leucocephala*	銀合歡	169	9	5	5.58			1			1			1			1	1		Not listed			1	E	Broken trunk top, crown from epicormics, weedy species
T391	T391	Area A I	*Leucaena leucocephala*	銀合歡	280	8	6	5.18			1		1				1			1	1		Not listed			1	E	Included bark at branches, broken scaffold branch, weedy species
T392	T392	Area A I	*Macaranga tanarius var.tomentosa*	血桐	309	5	6	5.16		1			1			1				1		1	Not listed	1			A	Imbalance crown, included bark
T393	T393	Area A I	*Ficus hispida*	對葉榕	153	3	2	5.63			1		1				1			1		1	Not listed			1	B,E	Split at trunk base, decaying trunk
T394	T394	Area A I	*Macaranga tanarius var.tomentosa*	血桐	325	7	5	3.78		1			1			1				1		1	Not listed	1			A	Low branching, crossed with T396
T395	T395	Area A I	*Ficus hispida*	對葉榕	102	5	4	4.92		1			1			1				1		1	Not listed	1			A	Bending trunk
T396	T396	Area A I	*Leucaena leucocephala*	銀合歡	302	9	6	4.99			1		1				1			1		1	Not listed			1	E	Nesting on T394, root plate movement, weedy species
T397	T397	Area A I	*Ficus hispida*	對葉榕	178	5	3	5.25		1			1			1				1		1	Not listed	1			A	Low branching, included bark at branch, on slop crest
T398	T398	Area A I	*Macaranga tanarius var.tomentosa*	血桐	248	8	5	5.10		1			1			1				1		1	Not listed	1			A	various, root close to T399, on slope crest, trunk crossed with T399
T399	T399	Area A I	*Leucaena leucocephala*	銀合歡	153	9	5	4.96			1		1				1			1		1	Not listed			1	E	various, root close to T398, nesting on T398, broken scaffold, on slope crest, weedy species
T400	T400	Area A I	*Leucaena leucocephala*	銀合歡	299	14	7	6.05			1		1			1				1		1	Not listed			1	E	Weedy species
T401	T401	Area A I	*Celtis sinensis*	朴樹	401	12	6	5.80		1			1			1				1		1	Not listed	1			A	
T403	T403	Area A I	*Leucaena leucocephala*	銀合歡	290	10	6	4.95			1		1				1			1		1	Not listed			1	E	Uprooted before, new leader formed from epicormics, weedy species
T404	T404	Area A I	*Macaranga tanarius var.tomentosa*	血桐	264	8	6	3.79		1			1			1				1		1	Not listed	1			A	One scaffold broken
T406	T406	Area A I	*Leucaena leucocephala*	銀合歡	245	13	7	6.15			1		1			1				1	1		Not listed			1	E	Crown close to other tree foliage, crooked lower trunk, weedy species, leaning 15
T407	T407	Area A I	*Leucaena leucocephala*	銀合歡	258	10	5	6.15			1		1			1				1	1		Not listed			1	E	Close to foliage , imbalance crown, weedy species
T408	T408	Area A I	*Leucaena leucocephala*	銀合歡	296	11	7	7.30			1		1				1			1		1	Not listed			1	E	Broken leader, crown close to other tree foliage, weedy species, bending trunk
T408A	T408A	Area A I	*Ficus variegata*	青果榕	261	7	4	5.26		1			1			1				1		1	Not listed			1	E	On wall, low branching, restricted root
T408B	T408B	Area A I	*Ficus variegata*	青果榕	127	6	3	4.37		1			1			1				1		1	Not listed			1	E	On wall toe, restricted root
T409	T409	Area A I	*Macaranga tanarius var.tomentosa*	血桐	372	9	6	6.19		1			1			1				1		1	Not listed	1			A	excessive epicormics, on slope crest
T410	T410	Area A I	*Cleistocalyx nervosum*	水翁	904	12	9	5.66		1			1			1				1		1	Not listed	1			A	Broken branch, Ficus circling branch, uprooted
T411	T411	Area A I	*Macaranga tanarius var.tomentosa*	血桐	286	10	5	6.28		1			1			1				1		1	Not listed	1			A	Bending trunk
T412	T412	Area A I	*Ficus hispida*	對葉榕	137	5	4	5.91			1			1		1				1		1	Not listed			1	E	Broken branch, codominant scaffold branches, low fork, crack at union
T412A	T412A	Area A I	*Leucaena leucocephala*	銀合歡	240	12	5	6.50			1			1			1			1	1		Not listed			1	E	Trunk wound, leaning 15(20)
									0	191	351	0	512	30	0	398	144	0	51	491	439	103		45	4	493		**542**
									0%	35%	65%	0%	94%	6%	0%	73%	27%	0%	9%	91%	81%	19%		8%	1%	91%		**Total of existing trees surveyed in Area A Phase I**
									Good	**Fair**	**Poor**	**Good**	**Fair**	**Poor**	**Good**	**Fair**	**Poor**	**High**	**Med**	**Low**	**Flat**	**Slope**		**Retain**	**Trans**	**Fell**		

Summary Table

	Area A Phase I	Area A Phase II	Area B
Tree to be Retained	**45**	**0**	**15**
Tree to be Transplanted	**4**	**0**	**6**
Tree to be Felled (excluded *Leucaena leucocephala)*	**399**	**88**	**9**
***Leucaena leucocephala* to be removed**	**94**	**0**	**24**
Total Number of Existing Tree(s)	**542**	**88**	**54**

Tree ID	Photo No.	Current			Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		

Legend

Tree Species

Guidance on proper use of scientific name of plants is give in the AFCD's Nature Conservation Practice Note (NCPN) No. 3 "The Use of Plant Names"

DBH

DBH of a tree refers to its diameter at breast height (i.e. measured at 1.3m above ground level).
"mm" stands for millimeter and "m" stands for meter.

Top of soil level above root collar

This figure provides the existing soil level; when trees retained in-situ, the soil level should be maintained and not cover the root collar.

Tree Form/ Health Condition/ Structural Condition

- **G** Good
- **F** Fair
- **P** Poor

Form of a tree will take account of the overall tree size, shape and any special feature

Anticipated Survival Rate after Transplanting

- High Very likely to survive after transplant
- Medium >50% possibility of survival after transplantation
- Low Unlikely to survive due to poor health/form; or tree species has little tolerance to the effects of transplanting; or difficult to transplar

Location

Location of tree if it is growing on flat or sloping location.

Justification for Tree Recommendation

- A Tree retention recommended
- B Felling recommended as tree is directly in conflict with the building and/or site formation works
- C Tree transplanting recommended as affected by building/site formation works
- D Dead tree to be removed
- E Weedy species or tree has unrecoverable defect

Remarks

The tree status whether whether the OVT, potentially registrable OVT, the Precious or rare or endangered species; conservation status; amenity or ecological value; anticipated root-ball size to be preserved (with O. x depth in mm); historical significance and any other on-site conditions, etc. within and/or adjacent to the site is likely to be affected by the proposed developmen
Special characteristics of tree form and health condition, any evidence of broken trunk/ leaning trunk/ trunk decay or water sprouts will be recorded in the remarks of the Tree Survey Schedul

Tree Treatment Schedule - AREA (A) Phase II

Address: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territorie

Prepared by Pang Shun Chin, Howard Pang (Certified ISA No. HK-0520A)

Field Survey conducted in June 202

To be read in conjunction with drawing numbers: CKPL58A-TT00 and TT1

Tree ID	Photo No.	Development Area	Tree Species		Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T44A	T44A	Area A II	*Macaranga tanarius var.tomentosa*	血桐	178	3	7	7.87			1		1				1			1	1		Not listed			1	B	Leaning 20(10)
T58	T58	Area A II	*Morus alba*	桑	204	9	4	7.09		1				1		1				1	1		Not listed			1	B	Codominant trunks, sign of borer, sap flow
T59	T59	Area A II	*Morus alba*	桑	226	8	5	7.45		1			1			1				1	1		Not listed			1	B	Leaning 5(20), imbalance crown, sign of borer, sap flow
T60	T60	Area A II	*Morus alba*	桑	293	7	5	7.46		1			1				1			1	1		Not listed			1	B	Leaning 5(5), codominant branch
T61	T61	Area A II	*Dimocarpus longan*	龍眼	216	6	5	7.56		1			1			1				1	1		Not listed			1	B	Root close to paving, imbalance crown
T62	T62	Area A II	*Dimocarpus longan*	龍眼	146	5	3	7.85			1		1				1			1	1		Not listed			1	B,E	Bending trunk, imbalance crown, root close to T63
T63	T63	Area A II	*Citrus maxima*	柚	290	7	6	7.74			1		1			1				1	1		Not listed			1	B	Codominant trunks, included bark, root close to T62
T64	T64	Area A II	*Litchi chinensis*	荔枝	277	6	5	8.51			1		1			1				1	1		Not listed			1	B,E	Imbalance crown, bending trunk
T65	T65	Area A II	*Dimocarpus longan*	龍眼	261	6	6	8.47		1			1			1				1	1		Not listed			1	B	Multiple-stems
T66	T66	Area A II	*Litchi chinensis*	荔枝	140	3	3	7.69			1		1			1				1	1		Not listed			1	B	Imbalance crown, crooked trunk
T67	T67	Area A II	*Litchi chinensis*	荔枝	264	6	5	7.58			1		1			1				1	1		Not listed			1	B	Restricted root by paving, crown space limited, adjacent
T68	T68	Area A II	*Litchi chinensis*	荔枝	274	6	6	7.59			1		1			1				1	1		Not listed			1	B	Imbalance crown, codominant branches with included bark
T70	T70	Area A II	*Litchi chinensis*	荔枝	134	5	4	7.54			1		1			1				1	1		Not listed			1	B	Bending trunk, imbalance crown
T71	T71	Area A II	*Litchi chinensis*	荔枝	153	7	5	7.74			1		1			1				1	1		Not listed			1	B	Imbalance crown, root not accessible
T72	T72	Area A II	*Dimocarpus longan*	龍眼	194	7	5	7.74			1			1		1				1	1		Not listed			1	B,E	Slightly imbalance crown, dieback, root not accessible
T104	T104	Area A II	*Ficus hispida*	對葉榕	185	3	3	7.80			1		1			1				1		1	Not listed			1	B,E	Restricted root by concrete structure, imbalance crown, topped, crown from epicormics
T105	T105	Area A II	*Dimocarpus longan*	龍眼	201	6	5	7.69			1		1			1				1	1		Not listed			1	B	imbalance crown
T106	T106	Area A II	*Litchi chinensis*	荔枝	124	5	3	7.35		1			1			1				1	1		Not listed			1	B	
T109	T109	Area A II	*Syzygium jambos*	蒲桃	385	8	9	7.31			1		1			1				1	1		Not listed			1	B,E	Restricted root by paving, codominant trunks, leaning 15(10), included bark, trunk wound
T113	T113	Area A II	*Litchi chinensis*	荔枝	474	11	7	7.08		1			1			1				1	1		Not listed			1	B	Restricted root by weir structure, codominant branch
T114	T114	Area A II	*Litchi chinensis*	荔枝	401	12	6	7.13			1		1			1				1	1		Not listed			1	B	Restricted root by paving, imbalance crown
T115	T115	Area A II	*Litchi chinensis*	荔枝	481	12	6	7.31		1			1			1				1	1		Not listed			1	B	Restricted root by paving, root close to T114, imbalance crown
T116	T116	Area A II	*Sterculia lanceolata*	假蘋婆	535	8	6	7.05		1			1			1				1		1	Not listed			1	B	leaning 10(5)
T117	T117	Area A II	*Litchi chinensis*	荔枝	433	11	9	7.26		1				1		1				1	1		Not listed			1	B,E	Large branch wound, branch cavity
T118	T118	Area A II	*Cinnamomum camphora*	樟	519	12	7	6.82		1			1			1				1		1	Not listed			1	B	Codominant branch, close to T119 and T123
T119	T119	Area A II	*Sterculia lanceolata*	假蘋婆	267	8	6	7.02			1		1			1				1		1	Not listed			1	B,E	Leaning 30(40), imbalance crown, root close to T118 and T123
T120	T120	Area A II	*Macaranga tanarius var.tomentosa*	血桐	134	6	4	6.70			1		1			1				1	1		Not listed			1	B	Unbalanced crown, leaning 5(15)
T120A	T120A	Area A II	*Macaranga tanarius var.tomentosa*	血桐	110	4	3	6.96		1			1			1				1	1		Not listed			1	B,E	Imbalance crown
T121	T121	Area A II	*Litchi chinensis*	荔枝	528	9	7	7.18			1		1				1			1		1	Not listed			1	B	On slope crest, Leaning 5(10), bending trunk
T122	T122	Area A II	*Macaranga tanarius var.tomentosa*	血桐	296	4	6	6.99			1		1			1				1	1		Not listed			1	B,E	Imbalance crown, leaning 50(45), exposed root, codominant stems (1 broken)
T123	T123	Area A II	*Sterculia lanceolata*	假蘋婆	366	7	6	6.23			1		1			1				1		1	Not listed			1	B,E	Growth at water shore, leaning 20(30), imbalance crown, root close to T118 and T119
T124	T124	Area A II	*Macaranga tanarius var.tomentosa*	血桐	436	9	7	7.32		1			1			1				1		1	Not listed			1	B	Root restricted by concrete
T125	T125	Area A II	*Macaranga tanarius var.tomentosa*	血桐	172	6	5	6.96			1		1			1				1	1		Not listed			1	B,E	Leaning 5(5)
T126	T126	Area A II	*Macaranga tanarius var.tomentosa*	血桐	99	4	3	6.83			1			1		1				1	1		Not listed			1	B,E	Leaning, topped
T126A	T126A	Area A II	*Ficus hispida*	對葉榕	95	4	3	6.80			1		1			1				1	1		Not listed			1	B,E	Unbalanced crown, leaning 10(10), restricted root
T126B	T126B	Area A II	*Ficus hispida*	對葉榕	156	4	5	6.80			1		1			1				1	1		Not listed			1	B,E	Unbalanced crown, crooked trunk
T127	T127	Area A II	*Macaranga tanarius var.tomentosa*	血桐	185	8	6	6.94		1			1			1				1	1		Not listed			1	B	Multiple attachment
T128	T128	Area A II	*Macaranga tanarius var.tomentosa*	血桐	140	9	5	6.99		1				1		1				1	1		Not listed			1	B	Trunk wound
T128A	T128A	Area A II	*Macaranga tanarius var.tomentosa*	血桐	210	10	6	7.00			1		1			1				1	1		Not listed			1	B	Crooked trunk
T128B	T128B	Area A II	*Ficus hispida*	對葉榕	100	5	4	7.17			1		1			1				1	1		Not listed			1	B,E	Poor taper
T128C	T128C	Area A II	*Ficus hispida*	對葉榕	100	5	3	7.09			1		1			1				1	1		Not listed			1	B,E	Crooked trunk
T128D	T128D	Area A II	*Macaranga tanarius var.tomentosa*	血桐	120	7	4	7.05			1		1			1				1	1		Not listed			1	B	Poor taper
T128E	T128E	Area A II	*Macaranga tanarius var.tomentosa*	血桐	150	8	4	7.01			1		1			1				1	1		Not listed			1	B	Poor taper
T128F	T128F	Area A II	*Macaranga tanarius var.tomentosa*	血桐	120	8	4	7.07			1		1			1				1	1		Not listed			1	B	Poor taper
T128G	T128G	Area A II	*Macaranga tanarius var.tomentosa*	血桐	120	8	3	6.99			1		1			1				1	1		Not listed			1	B	Poor taper
T128H	T128H	Area A II	*Macaranga tanarius var.tomentosa*	血桐	100	6	4	7.26			1		1			1				1	1		Not listed			1	B	Poor taper
T128J	T128J	Area A II	*Macaranga tanarius var.tomentosa*	血桐	120	7	4	7.24			1		1			1				1	1		Not listed			1	B	Poor taper
T128K	T128K	Area A II	*Macaranga tanarius var.tomentosa*	血桐	180	8	5	7.11			1		1			1				1	1		Not listed			1	B	Codominant stems, low fork
T129	T129	Area A II	*Macaranga tanarius var.tomentosa*	血桐	146	6	4	6.78			1			1		1				1	1		Not listed			1	B,E	Unbalanced crown, leaning 5(5), topped

Tree ID	Photo No.	Development Area	Tree Species		Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T130	T130	Area A II	*Ficus hispida*	對葉榕	131	5	4	6.91			1		1			1				1	1		Not listed			1	B,E	Unbalanced crown, leaning 40(40)
T130A	T130A	Area A II	*Macaranga tanarius var.tomentosa*	血桐	120	5	4	7.05			1		1			1				1	1		Not listed			1	B,E	Leaning, imbalance crown, codominant stems, low fork
T130B	T130B	Area A II	*Macaranga tanarius var.tomentosa*	血桐	120	5	4	6.93			1		1				1			1	1		Not listed			1	B,E	Leaning, imbalance crown
T131	T131	Area A II	*Macaranga tanarius var.tomentosa*	血桐	216	6	5	7.03			1		1			1				1	1		Not listed			1	B	Unbalanced crown, leaning 5(5)
T132	T132	Area A II	*Ficus variegata*	青果榕	299	9	6	6.94			1			1		1				1	1		Not listed			1	B	Root restricted by concrete, growth at water shore, dense climber
T136	T136	Area A II	*Macaranga tanarius var.tomentosa*	血桐	185	7	5	5.91		1			1			1				1	1		Not listed			1	B	Root restricted by manhole
T136C	T136C	Area A II	*Macaranga tanarius var.tomentosa*	血桐	120	5	5	6.70			1		1			1				1	1		Not listed			1	B	Multi-branches
T137	T137	Area A II	*Macaranga tanarius var.tomentosa*	血桐	175	8	7	6.42		1			1			1				1	1		Not listed			1	B	Close to other tree
T137A	T137A	Area A II	*Macaranga tanarius var.tomentosa*	血桐	120	6	5	6.26			1		1			1				1	1		Not listed			1	B	Imbalanced crown, leaning, close to other tree
T137B	T137B	Area A II	*Macaranga tanarius var.tomentosa*	血桐	140	6	4	6.37			1		1			1				1	1		Not listed			1	B,E	Bending trunk
T137C	T137C	Area A II	*Macaranga tanarius var.tomentosa*	血桐	110	6	4	6.49			1		1			1				1	1		Not listed			1	B	Imbalanceed crown, close to other tree
T137D	T137D	Area A II	*Macaranga tanarius var.tomentosa*	血桐	150	6	5	6.40			1		1			1				1	1		Not listed			1	B	Imbalanceed crown, close to other tree
T137E	T137E	Area A II	*Macaranga tanarius var.tomentosa*	血桐	140	6	4	6.37			1		1			1				1	1		Not listed			1	B	Imbalanceed crown, close to other tree
T137F	T137F	Area A II	*Macaranga tanarius var.tomentosa*	血桐	170	6	5	6.42			1		1			1				1	1		Not listed			1	B	Imbalanceed crown, close to other tree
T137G	T137G	Area A II	*Macaranga tanarius var.tomentosa*	血桐	120	5	4	6.34			1		1			1				1	1		Not listed			1	B	Leaning 15(15), imbalance crown
T138	T138	Area A II	*Spondias lakonensis*	嶺南酸棗	302	9	6	6.42		1				1		1				1	1		Not listed			1	B,E	Crossing branches to adjacent tree, root decay
T139	T139	Area A II	*Macaranga tanarius var.tomentosa*	血桐	210	7	6	6.41			1			1		1				1	1		Not listed			1	B,E	Unbalanced crown, leaning 30(20), crossing branches to adjacent tree, attached to temperory structure
T140	T140	Area A II	*Bischofia javanica*	秋楓	608	12	8	6.16			1		1			1				1	1		Not listed			1	B,E	Codominant stems with included bark, exposed root, root restricted by concrete, root girdling with T141
T141	T141	Area A II	*Mangifera indica*	杧果	551	10	8	6.37		1				1		1				1	1		Not listed			1	B,E	Root girdling with T140, decay wound, sprouts
T141A	T141A	Area A II	*Spondias lakonensis*	嶺南酸棗	200	10	5	6.46		1			1			1				1	1		Not listed			1	B,E	Exposed root
T142	T142	Area A II	*Bischofia javanica*	秋楓	166	9	5	6.34			1			1		1				1	1		Not listed			1	B,E	Unbalanced crown, bending trunk
T144	T144	Area A II	*Bischofia javanica*	秋楓	315	14	8	6.78		1			1			1				1	1		Not listed			1	B	Multiple-stems, dense climber. Suckers at base. Crossing branches with adjacent tree, trunk wound with
T144A	T144A	Area A II	*Macaranga tanarius var.tomentosa*	血桐	312	10	7	6.80			1			1			1			1	1		Not listed			1	B,E	Uprooted, toppled
T144B	T144B	Area A II	*Macaranga tanarius var.tomentosa*	血桐	261	10	7	6.80			1			1			1			1	1		Not listed			1	B,E	Uprooted, toppled
T145	T145	Area A II	*Bischofia javanica*	秋楓	162	9	4	6.49			1			1		1				1	1		Not listed			1	B,E	Dense climber, poor taper
T145A	T145A	Area A II	*Macaranga tanarius var.tomentosa*	血桐	180	8	4	6.67			1		1			1				1	1		Not listed			1	B	Codominant stems, low fork
T145B	T145B	Area A II	*Ficus hispida*	對葉榕	120	6	4	6.39			1			1		1				1	1		Not listed			1	B,E	Codominant stems, low fork, deformed crown, sparse foilage
T147	T147	Area A II	*Ficus hispida*	對葉榕	264	8	4	6.35			1			1		1				1	1		Not listed			1	B,E	Imbalance crown, climber, trunk wound
T148	T148	Area A II	*Litchi chinensis*	荔枝	357	9	7	6.72		1			1			1				1	1		Not listed			1	B,E	Codominant branch, branch wound, basal cavity
T148A	T148A	Area A II	*Spondias lakonensis*	嶺南酸棗	130	8	5	6.65			1		1			1				1	1		Not listed			1	B,E	Leaning 10(10), bending trunk, sprout
T149	T149	Area A II	*Litchi chinensis*	荔枝	388	7	6	6.58		1				1		1				1		1	Not listed			1	B,E	Branch broken, wound decay
T149A	T149A	Area A II	*Ficus hispida*	對葉榕	120	3	3	7.22			1			1		1				1		1	Not listed			1	B,E	Dense climber and sparse foliage, crown deformed
T150	T150	Area A II	*Ficus hispida*	對葉榕	130	6	4	6.68			1		1			1				1	1		Not listed			1	B,E	Topped, climber, codominant branches
T150A	T150A	Area A II	*Macaranga tanarius var.tomentosa*	血桐	110	5	5	6.81			1		1			1				1	1		Not listed			1	B	Imbalance crown

Tree ID	Photo No.	Development Area	Tree Species		Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T201	T201	Area A II	*Litsea monopetala*	假柿木薑子	156	7	5	5.63			1		1			1				1		1	Not listed			1	B	Leaning 15(20), low branching
T201A	T201A	Area A II	*Spondias lakonensis*	嶺南酸棗	180	10	4	6.39		1			1			1				1		1	Not listed			1	B	Climbers
T201B	T201B	Area A II	*Mangifera indica*	杧果	420	10	7	5.39			1			1		1				1		1	Not listed			1	B,E	Collapsed
T201C	T201C	Area A II	*Ficus hispida*	對葉榕	160	6	5	5.47			1		1				1			1		1	Not listed			1	B,E	Leaning, crossing branches
T218	T218	Area A II	*Psidium guajava*	番石榴	232	8	5	6.78			1			1		1				1		1	Not listed			1	B,E	Codominant stems, included bark, restricted root , branch broken, decay
									0	24	64	0	68	20	0	80	8	0	0	88	74	14		0	0	88		**88**
									0%	27%	73%	0%	77%	23%	0%	91%	9%	0%	0%	100%	84%	16%		0%	0%	100%		**Total of existing trees surveyed in Area A Phase II**
									Good	**Fair**	**Poor**	**Good**	**Fair**	**Poor**	**Good**	**Fair**	**Poor**	**High**	**Med**	**Low**	**Flat**	**Slope**		**Retain**	**Trans**	**Fell**		

Summary Table

	Area A Phase I	Area A Phase II	Area B
Tree to be Retained	**45**	**0**	**15**
Tree to be Transplanted	**4**	**0**	**6**
Tree to be Felled (excluded *Leucaena leucocephala)*	**399**	**88**	**9**
***Leucaena leucocephala* to be removed**	**94**	**0**	**24**
Total Number of Existing Tree(s)	**542**	**88**	**54**

Legend

Tree Species

Guidance on proper use of scientific name of plants is give in the AFCD's Nature Conservation Practice Note (NCPN) No. 3 "The Use of Plant Names"

DBH

DBH of a tree refers to its diameter at breast height (i.e. measured at 1.3m above ground level).
"mm" stands for millimeter and "m" stands for meter.

Top of soil level above root collar

This figure provides the existing soil level; when trees retained in-situ, the soil level should be maintained and not cover the root collar.

Tree Form/ Health Condition/ Structural Condition

- **G** Good
- **F** Fair
- **P** Poor

Form of a tree will take account of the overall tree size, shape and any special feature

Anticipated Survival Rate after Transplanting

- High Very likely to survive after transplant
- Medium >50% possibility of survival after transplantation
- Low Unlikely to survive due to poor health/form; or tree species has little tolerance to the effects of transplanting; or difficult to transplar

Location

Location of tree if it is growing on flat or sloping location.

Justification for Tree Recommendation

- A Tree retention recommended
- B Felling recommended as tree is directly in conflict with the building and/or site formation works
- C Tree transplanting recommended
- D Dead tree to be removed
- E Weedy species or tree has unrecoverable defect

Remarks

The tree status whether whether the OVT, potentially registrable OVT, the Precious or rare or endangered species; conservation status; amenity or ecological value; anticipated root-ball size to be preserved (with O. x depth in mm); historical significance and any other on-site conditions, etc. within and/or adjacent to the site is likely to be affected by the proposed development.

Special characteristics of tree form and health condition, any evidence of broken trunk/ leaning trunk/ trunk decay or water sprouts will be recorded in the remarks of the Tree Survey Schedul

Tree Treatment Schedule - AREA (B)
Address: Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories
Prepared by Pang Shun Chin, Howard Pang (Certified ISA No. HK-0520A)
Field Survey conducted in June 2025
To be read in conjunction with drawing numbers: CKPL58A-TT00 and TT13

Tree ID	Photo No.	Current	Tree Species		Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T418	T418	Area B	*Delonix regia*	鳳凰木	385	17	8	4.77		1			1				1			1	1		Not listed			1	B	Included bark at scaffold branches, crown close to other tree crown
T419	T419	Area B	*Delonix regia*	鳳凰木	372	18	7	4.79		1			1			1			1		1		Not listed		1		C	close to other tree crown
T420	T420	Area B	*Delonix regia*	鳳凰木	350	18	7	4.80		1			1			1				1	1		Not listed			1	B	close to other tree crown, bark peeled at trunk base
T422	T422	Area B	*Leucaena leucocephala*	銀合歡	140	5	4	4.91			1		1			1				1	1		Not listed			1	E	On berm, bending trunk, weedy species
T422A	T422A	Area B	*Leucaena leucocephala*	銀合歡	110	6	4	4.81			1		1			1				1	1		Not listed			1	E	Bending top, weedy species
T422B	T422B	Area B	*Leucaena leucocephala*	銀合歡	150	9	5	4.66			1		1				1			1	1		Not listed			1	E	Embedded with fence, weedy species
T423	T423	Area B	*Delonix regia*	鳳凰木	398	13	7	4.76		1			1			1			1		1		Not listed		1		C	Stub, crown close to other tree crown
T424	T424	Area B	*Delonix regia*	鳳凰木	417	13	7	4.71		1			1			1			1		1		Not listed		1		C	Close to other tree crown
T425	T425	Area B	*Leucaena leucocephala*	銀合歡	188	8	4	5.17			1		1				1			1	1		Not listed			1	E	Uprooted, nesting on fence, weedy species, leaning
T425A	T425A	Area B	*Leucaena leucocephala*	銀合歡	100	8	4	5.14			1			1		1				1	1		Not listed			1	E	Crown loss
T426	T426	Area B	*Leucaena leucocephala*	銀合歡	204	11	6	4.78			1		1				1			1	1		Not listed			1	E	Codominant trunks, with included bark, imbalance crown, weedy species
T427	T427	Area B	*Delonix regia*	鳳凰木	347	14	6	4.78		1			1			1			1		1		Not listed		1		C	Close to other tree crown and kerb, root close to T426, restricted root
T428	T428	Area B	*Leucaena leucocephala*	銀合歡	197	11	9	4.95			1		1			1				1	1		Not listed			1	E	Imbalance crown, leaning, weedy species
T429	T429	Area B	*Leucaena leucocephala*	銀合歡	178	10	5	4.87			1		1			1				1	1		Not listed			1	E	Crooked upper trunk, weedy species
T430	T430	Area B	*Delonix regia*	鳳凰木	353	13	8	4.77		1			1			1			1		1		Not listed		1		C	Imbalance crown, dead branch, restricted root
T431	T431	Area B	*Leucaena leucocephala*	銀合歡	162	8	5	5.26			1		1			1				1	1		Not listed			1	E	Leaning 15(15), weedy species
T432	T432	Area B	*Delonix regia*	鳳凰木	417	14	8	4.85			1		1			1				1	1		Not listed			1	B,E	Imbalance crown, bark crack, restricted root, near small tree and kerb
T433	T433	Area B	*Delonix regia*	鳳凰木	385	14	7	4.83		1			1			1			1		1		Not listed		1		C	Slightly imbalance crown, broken branch, restricted root, root close to kerb
T434	T434	Area B	*Leucaena leucocephala*	銀合歡	172	6	6	4.98			1		1				1			1	1		Not listed			1	E	Unbalanced crown, leaning, weedy species, root plate moved
T434A	T434A	Area B	*Leucaena leucocephala*	銀合歡	160	5	5	5.00			1		1				1			1	1		Not listed			1	E	Toppled, broken top, weedy species
T435	T435	Area B	*Delonix regia*	鳳凰木	439	14	9	4.96		1			1			1				1	1		Not listed	1			A	Imbalance crown, restricted root, root close to kerb
T436	T436	Area B	*Leucaena leucocephala*	銀合歡	156	8	4	5.20			1		1			1				1	1		Not listed			1	E	On berm, crooked trunk, weedy species
T437	T437	Area B	*Leucaena leucocephala*	銀合歡	178	7	4	5.14			1		1			1				1	1		Not listed			1	E	Root place movement before, cross branch, leaning, weedy species
T437A	T437A	Area B	*Leucaena leucocephala*	銀合歡	130	10	5	5.18			1		1			1				1	1		Not listed			1	E	Crooked trunk, weedy species
T437B	T437B	Area B	*Leucaena leucocephala*	銀合歡	100	6	3	4.89			1		1				1			1	1		Not listed			1	E	Lying on fence, leaning 20(20)
T438	T438	Area B	*Leucaena leucocephala*	銀合歡	175	10	4	5.09			1		1				1			1	1		Not listed			1	E	Broken top, leaning, weedy species, root plate moved
T438A	T438A	Area B	*Leucaena leucocephala*	銀合歡	100	8	4	5.15			1		1				1			1	1		Not listed			1	E	Broken top, uprooted, weedy species
T439	T439	Area B	*Leucaena leucocephala*	銀合歡	172	8	5	5.05			1		1				1			1	1		Not listed			1	E	Crooked trunk, leaning, uprooted, weedy species
T440	T440	Area B	*Leucaena leucocephala*	銀合歡	166	6	3	5.29			1		1			1				1	1		Not listed			1	E	Root plate moved, lying on fence, weedy species
T441	T441	Area B	*Leucaena leucocephala*	銀合歡	95	6	4	5.20			1		1			1				1	1		Not listed			1	E	Uprooted, leaning, lying on fence, weedy species
T441A	T441A	Area B	*Leucaena leucocephala*	銀合歡	140	8	6	5.16		1			1			1				1	1		Not listed			1	E	Root plate moved, lying on fence, weedy species
T442	T442	Area B	*Schefflera heptaphylla*	鴨腳木	153	5	4	5.06		1			1			1				1		1	Not listed	1			A	Low fork, multi-stems, imbalance crown
T443	T443	Area B	*Macaranga tanarius var.tomentosa*	血桐	178	7	5	3.74			1		1				1			1	1		Not listed			1	E	Bending trunk, various epicormics along trunk, leaning
T444	T444	Area B	*Celtis sinensis*	朴樹	337	9	8	4.76		1			1			1				1	1		Not listed	1			A	Codominant scaffold branches at low fork
T445	T445	Area B	*Delonix regia*	鳳凰木	894	17	11	5.25		1			1			1			1		1		Not listed	1			A	Epiphyte at branch union, cavity at branch union, multi-stems restricted root, near kerb and fence
T446	T446	Area B	*Delonix regia*	鳳凰木	551	14	8	5.42		1			1			1			1		1		Not listed	1			A	close to kerb and fence, close to voltage box, close to other tree crown, Ficus at trunk base
T447	T447	Area B	*Macaranga tanarius var.tomentosa*	血桐	188	9	5	4.83		1			1			1				1		1	Not listed	1			A	On gentle sloping ground, root close to T446
T448	T448	Area B	*Macaranga tanarius var.tomentosa*	血桐	137	7	6	3.59			1			1		1				1	1		Not listed			1	E	Crooked trunk, dying bark and abnormal bark peeling
T449	T449	Area B	*Macaranga tanarius var.tomentosa*	血桐	118	9	3	4.89		1			1			1			1		1		Not listed	1			A	Close to fence, crooked trunk
T450	T450	Area B	*Macaranga tanarius var.tomentosa*	血桐	115	8	4	4.75		1			1			1			1		1		Not listed	1			A	Close to fence, on sloping ground

Tree ID	Photo No.	Current	Tree Species		Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		
T458	T458	Area B	*Celtis sinensis*	朴樹	242	7	6	2.80			1		1			1				1		1	Not listed			1	B,E	Codominant trunks bending, close to stream, fungal fruting bodies on trunk base
T459	T459	Area B	*Leucaena leucocephala*	銀合歡	140	6	4	3.23			1			1			1			1		1	Not listed			1	E	Uprooted, lying on ground, lager wound on trunk, weedy species
T460	T460	Area B	*Leucaena leucocephala*	銀合歡	181	7	4	2.14			1		1				1			1		1	Not listed			1	E	Multi-stems with included bark, leaning, weedy species
T461	T461	Area B	*Macaranga tanarius var.tomentosa*	血桐	185	5	7	3.24			1		1				1			1	1		Not listed			1	B,E	Crooked trunk, crossing T462 at two points, close to stream
T462	T462	Area B	*Celtis sinensis*	朴樹	330	5	6	3.36			1		1				1			1		1	Not listed			1	E	Codominant stems, cross T461, wound abnormal bark cark at branch union
T463	T463	Area B	*Macaranga tanarius var.tomentosa*	血桐	245	7	7	3.37		1			1			1				1	1		Not listed	1			A	Codominant branch
T464	T464	Area B	*Macaranga tanarius var.tomentosa*	血桐	210	9	8	3.46			1		1			1				1	1		Not listed	1			A	Cross branch, broken branch decaying, restricted root, exposed root, branch embedded
T465	T465	Area B	*Bischofia javanica*	秋楓	229	8	5	3.47		1			1			1				1	1		Not listed	1			A	branch was girding by climbers, restricted root, root close to T464.
T466	T466	Area B	*Leucaena leucocephala*	銀合歡	350	16	8	3.21			1		1			1				1	1		Not listed			1	E	Bending trunk, decaying trunk wound multi-stem, weedy species, root close wall
T467	T467	Area B	*Bischofia javanica*	秋楓	140	7	3	5.02			1			1		1				1	1		Not listed	1			A	
T468	T468	Area B	*Macaranga tanarius var.tomentosa*	血桐	364	6	10	3.28			1		1			1				1	1		Not listed			1	E	Multi-stem, included bark, on slope cert, branch cross with T466, restricted root
T470	T470	Area B	*Macaranga tanarius var.tomentosa*	血桐	201	6	4	5.05		1			1			1				1		1	Not listed	1			A	Leaning 15(15), restricted root, root close to T471 and T472, root near to railing, suckers
T471	T471	Area B	*Macaranga tanarius var.tomentosa*	血桐	286	5	8	5.01		1			1			1				1		1	Not listed	1			A	Root near railing , restricted root, root close to T470 and T472
T472	T472	Area B	*Macaranga tanarius var.tomentosa*	血桐	201	5	7	5.25		1			1			1				1		1	Not listed	1			A	Root near railing, restricted root, root close to T470 and T471, suckers
									0	22	32	0	50	4	0	39	15	0	10	44	45	9		15	6	33		**54**
									0%	41%	59%	0%	93%	7%	0%	72%	28%	0%	19%	81%	83%	17%		28%	11%	61%		**Total of existing trees surveyed in Area B (G/IC)**
									Good	**Fair**	**Poor**	**Good**	**Fair**	**Poor**	**Good**	**Fair**	**Poor**	**High**	**Med**	**Low**	**Flat**	**Slope**		**Retain**	**Trans**	**Fell**		

Summary Table

	Area A Phase I	Area A Phase II	Area B
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This figure provides the existing soil level; when trees retained in-situ, the soil level should be maintained and not cover the root collar.

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G Good
F Fair
P Poor
Form of a tree will take account of the overall tree size, shape and any special feature.

Anticipated Survival Rate after Transplanting
High Very likely to survive after transplant
Medium >50% possibility of survival after transplantation
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Tree ID	Photo No.	Current	Tree Species		Tree Size			Top of soil level above root collar (mPD)	Form			Health Condition			Structural Condition			Anticipated Survival Rate after Transplanting			Location		Conservation Status	Proposed Treatment			Justification	Remarks
			Scientific Name	Chinese Name	Trunk Diameter (mm)	Overall Height (m)	Average Crown Spread (m)		Good	Fair	Poor	Good	Fair	Poor	Good	Fair	Poor	High	Med	Low	Flat	Slope		Retain	Transplant	Fell		

Location
Location of tree if it is growing on flat or sloping location.

Justification for Tree Recommendation

- A Tree retention recommended
- B Felling recommended as tree is directly in conflict with the building and/or site formation works
- C Tree transplanting recommended as affected by building/site formation works
- D Dead tree to be removed
- E Weedy species or tree has unrecoverable defect

Remarks
The tree status whether whether the OVT, potentially registrable OVT, the Precious or rare or endangered species; conservation status; amenity or ecological value; anticipated root-ball size to be preserved (with O. x depth in mm); historical significance and any other on-site conditions, etc. within and/or adjacent to the site is likely to be affected by the proposed development.
Special characteristics of tree form and health condition, any evidence of broken trunk/ leaning trunk/ trunk decay or water sprouts will be recorded in the remarks of the Tree Survey Schedule

Annex III

Photographic Record of Existing Trees



A1 (OVERALL)



A1 (BASE)



A1 (TRUNK)



A1 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS01		REV -

ADI



A1A (OVERALL)



A1A (BASE)



A1A (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS02	REV	-

ADI



A1A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS03	REV	-

ADI



A1B (OVERALL)



A1B (BASE)



A1B (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS04	REV	-

ADI



A1B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS05	REV	-

ADI



A2 (OVERALL)



A2 (BASE)



A2 (TRUNK)



A2 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS06	REV	-

ADI



A2A (OVERALL)



A2A (BASE)



A2A (TRUNK)

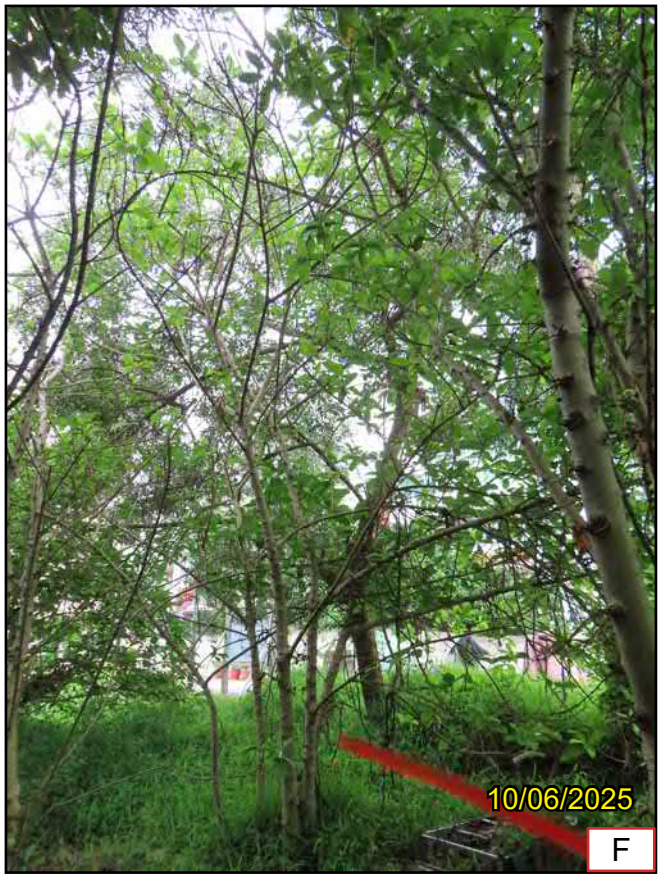


A2A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS07	REV	-

ADI



A2C (OVERALL)



A2C (BASE)



A2C (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS08	REV	-

ADI



A2C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS09	REV	-

ADI



A3 (OVERALL)



A3 (BASE)



A3 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS10	REV	-

ADI



A3 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS11	REV	-

ADI



A3A (OVERALL)



A3A (BASE)



A3A (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS12	REV	-

ADI



A3A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS13		REV -

ADI



A3B (OVERALL)



A3B (BASE)



A3B (TRUNK)



A3B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS14		REV -

ADI



A4 (OVERALL)



A4 (BASE)



A4 (TRUNK)



A4 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS15	REV	-

ADI



A4A (OVERALL)



A4A (BASE)



A4A (TRUNK)

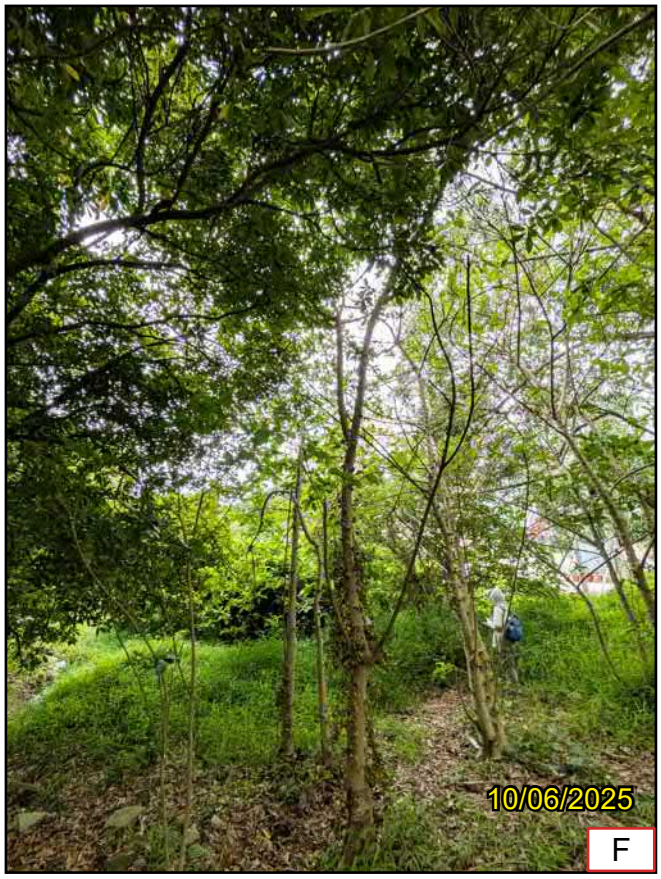


A4A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS16		REV -

ADI



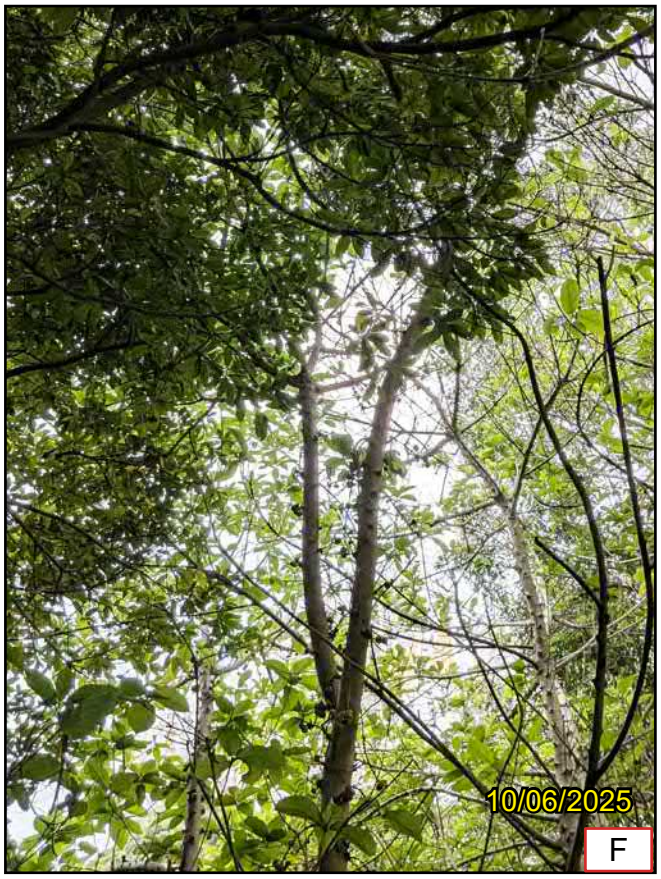
A4B (OVERALL)



A4B (BASE)



A4B (TRUNK)



A4B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS17	REV	-

ADI



A5 (OVERALL)



A5 (BASE)



A5 (TRUNK)



A5 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS18	REV	-

ADI



A5A (OVERALL)



A5A (BASE)



A5A (TRUNK)

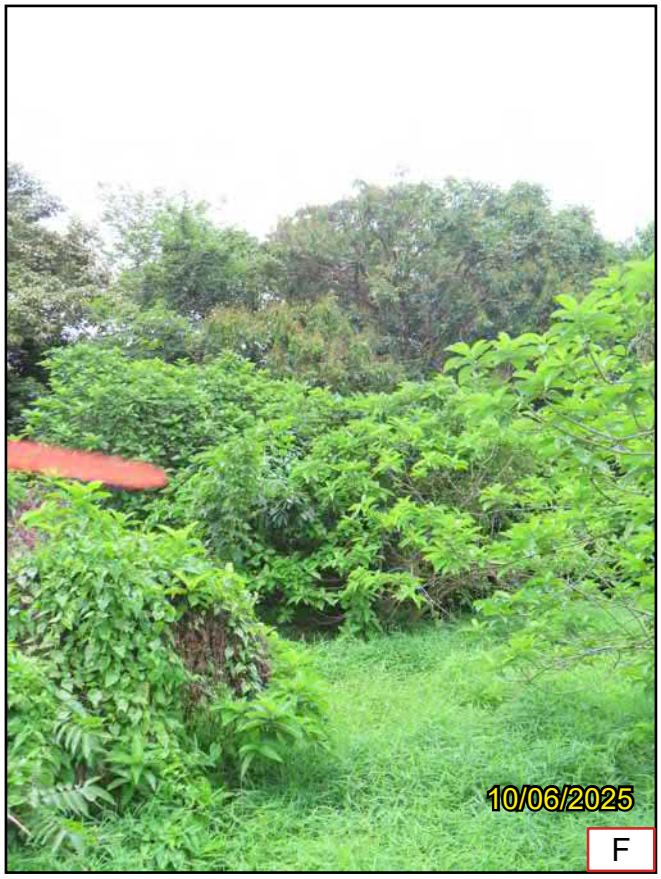


A5A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS19		REV -

ADI



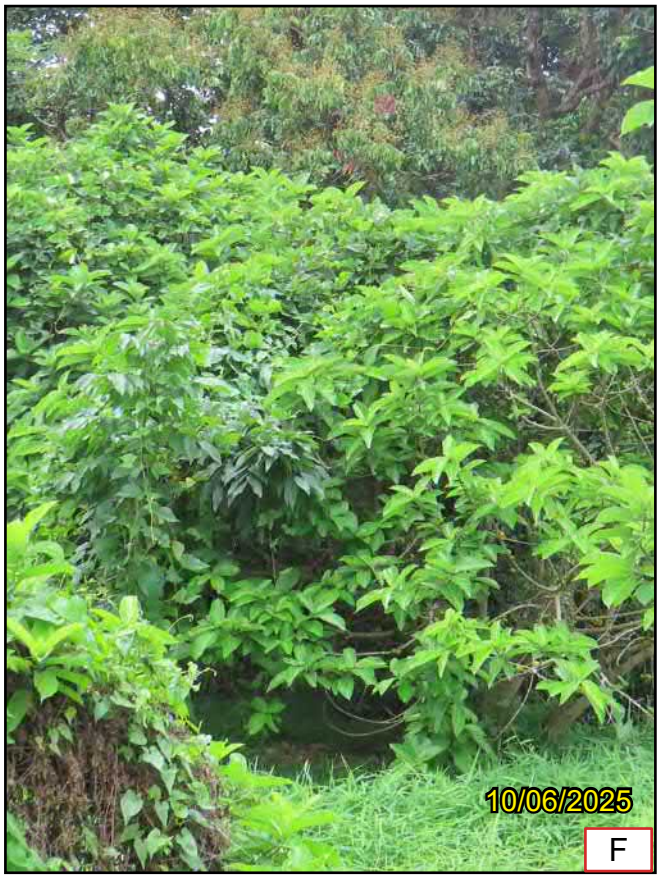
A5B (OVERALL)



A5B (BASE)



A5B (TRUNK)



A5B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS20	REV	-

ADI



A7 (OVERALL)



A7 (BASE)



A7 (TRUNK)



A7 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS21	REV	-

ADI



A7 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS22	REV	-

ADI



A8 (OVERALL)



A8 (BASE)



A8 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS23	REV	-

ADI



A8 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS24	REV	-

ADI



A9 (OVERALL)



A9 (BASE)



A9 (TRUNK)



A9 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS25	REV	-

ADI



A10 (OVERALL)



A10 (BASE)



A10 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS26	REV	-

ADI



A10 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS27	REV	-

ADI



A10A (OVERALL)



A10A (BASE)



A10A (TRUNK)



A10A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS28		REV -

ADI



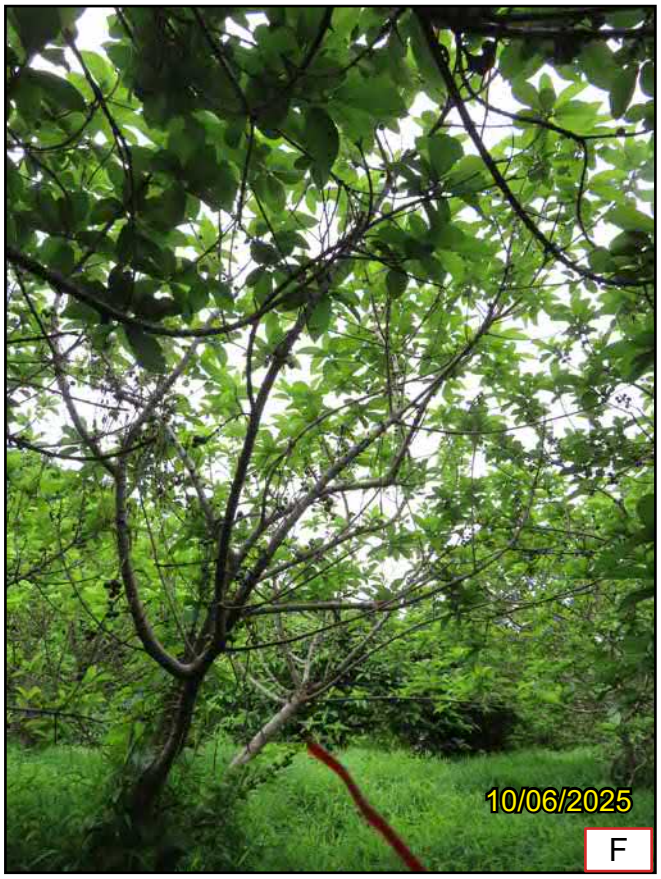
A10B (OVERALL)



A10B (BASE)



A10B (TRUNK)



A10B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS29		REV -

ADI



A11 (OVERALL)



A11 (BASE)



A11 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS30		REV -

ADI



A11(CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS31	REV	-

ADI



A11A (OVERALL)



A11A (BASE)



A11A (TRUNK)



A11A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS32		REV -

ADI



A12 (OVERALL)



A12 (BASE)



A12 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS33	REV	-

ADI



A12 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS34		REV -

ADI



A12A (OVERALL)



A12A (BASE)



A12A (TRUNK)



A12A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS35		REV -

ADI



A12B (OVERALL)



A12B (BASE)



A12B (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS36	REV	-

ADI



A12B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS37	REV	-

ADI



A12C (OVERALL)



A12C (BASE)



A12C (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS38	REV	-

ADI



A12C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS39	REV	-

ADI



A12D (OVERALL)



A12D (BASE)



A12D (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS40	REV	-

ADI

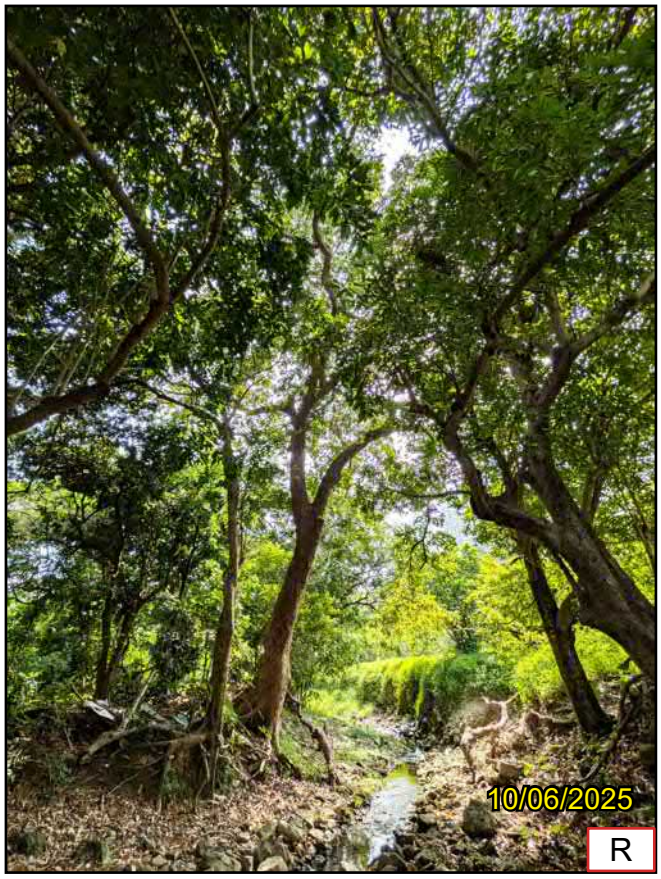


A12D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS41		REV -

ADI



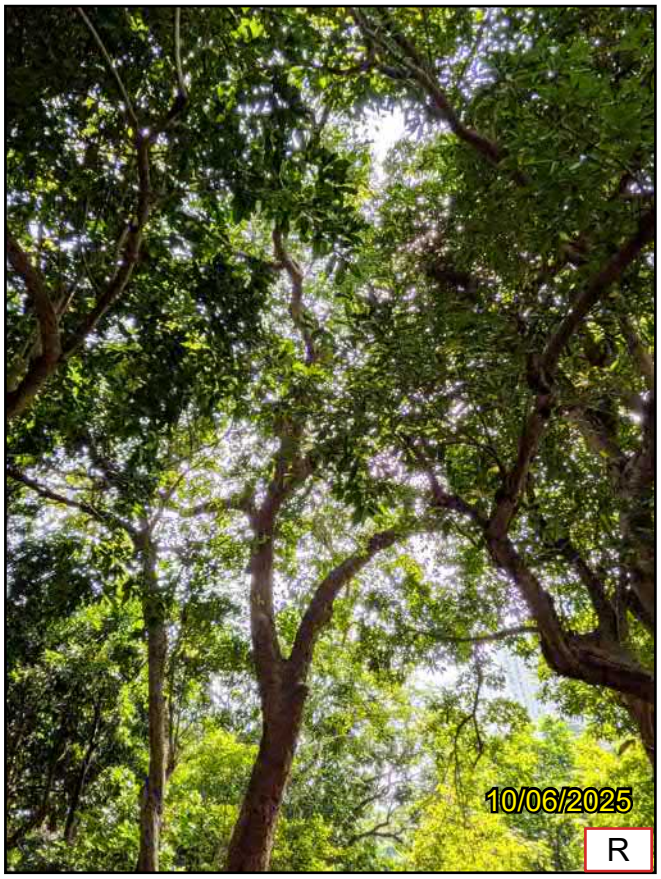
A13 (OVERALL)



A13 (BASE)



A13 (TRUNK)



A13 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS42		REV -

ADI



A14 (OVERALL)



A14 (BASE)



A14 (TRUNK)



A14 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS43	REV	-

ADI



A15 (OVERALL)



A15 (BASE)



A15 (TRUNK)



A15 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS44	REV	-

ADI



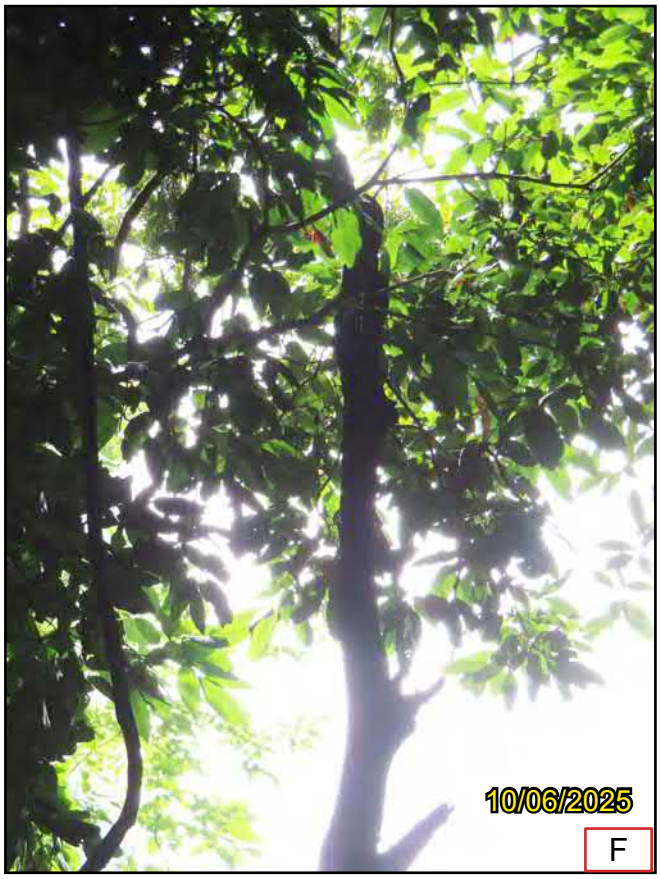
A16 (OVERALL)



A16 (BASE)



A16 (TRUNK)



A16 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS45		REV -

ADI



A17 (OVERALL)



A17 (BASE)



A17 (TRUNK)



A17 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS46		REV -

ADI



A18 (OVERALL)



A18 (BASE)



A18 (TRUNK)



A18 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS47	REV	-

ADI



A19 (OVERALL)



A19 (BASE)



A19 (TRUNK)



A19 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS48	REV	-

ADI



A20 (OVERALL)



A20 (BASE)



A20 (TRUNK)



A20 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS49	REV	-

ADI



A21 (OVERALL)



A21 (BASE)



A21 (TRUNK)

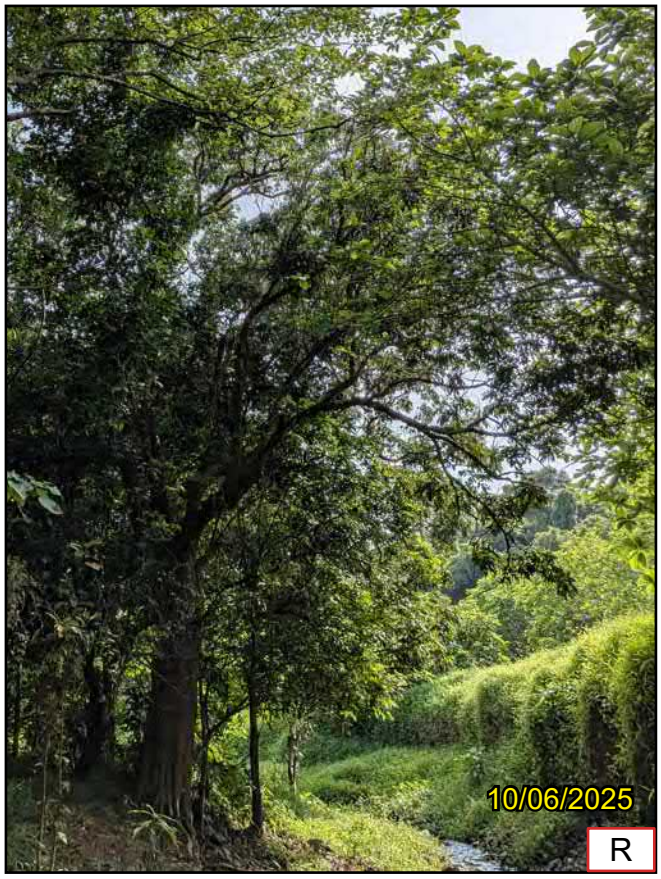


A21 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS50	REV	-

ADI



A22 (OVERALL)



A22 (BASE)



A22 (TRUNK)



A22 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS51		REV -

ADI



A23 (OVERALL)



A23 (BASE)



A23 (TRUNK)

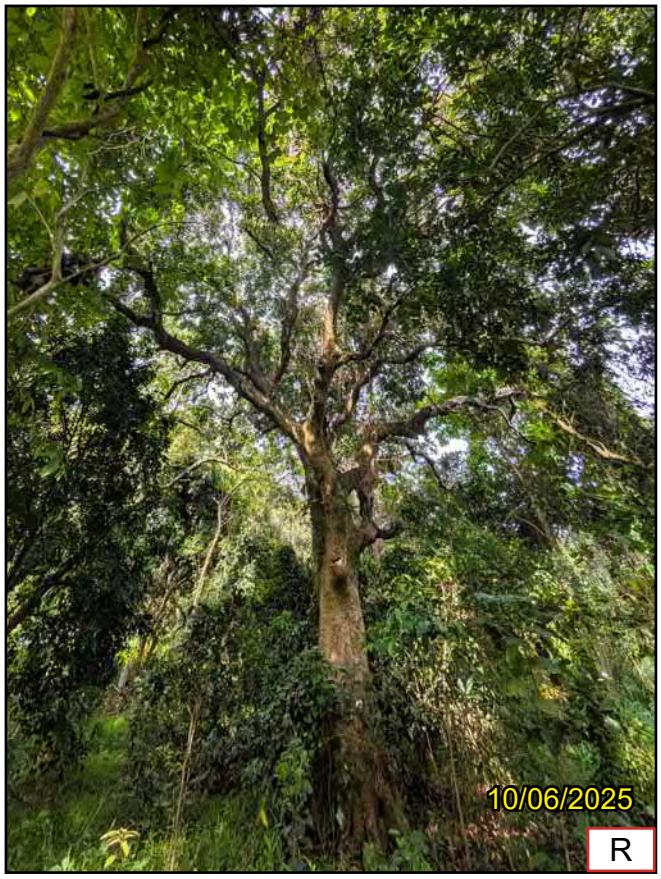


A23 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS52	REV	-

ADI



A24 (OVERALL)



A24 (BASE)



A24 (TRUNK)

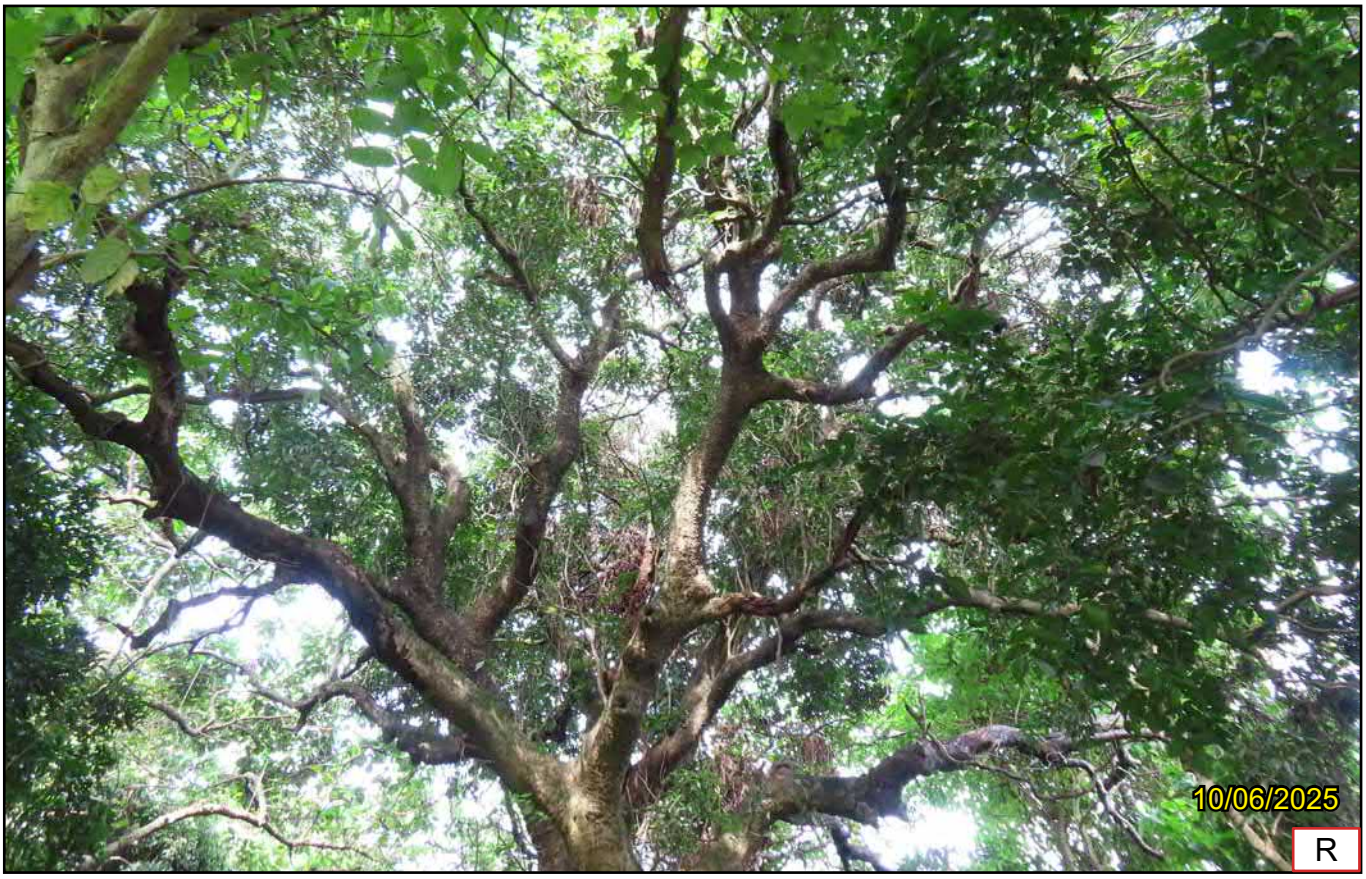


A24 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS53		REV -

ADI



A24 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS54	REV	-

ADI



A25 (OVERALL)



A25 (BASE)



A25 (TRUNK)



A25 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS55		REV -

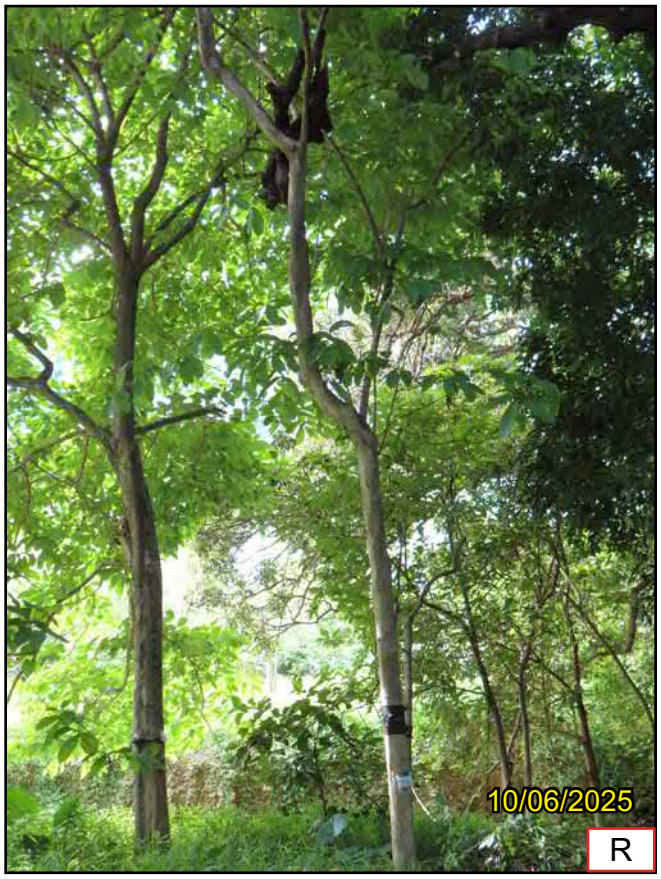
ADI



A26 (OVERALL)



A26 (BASE)



A26 (TRUNK)



A26 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS56		REV -

ADI



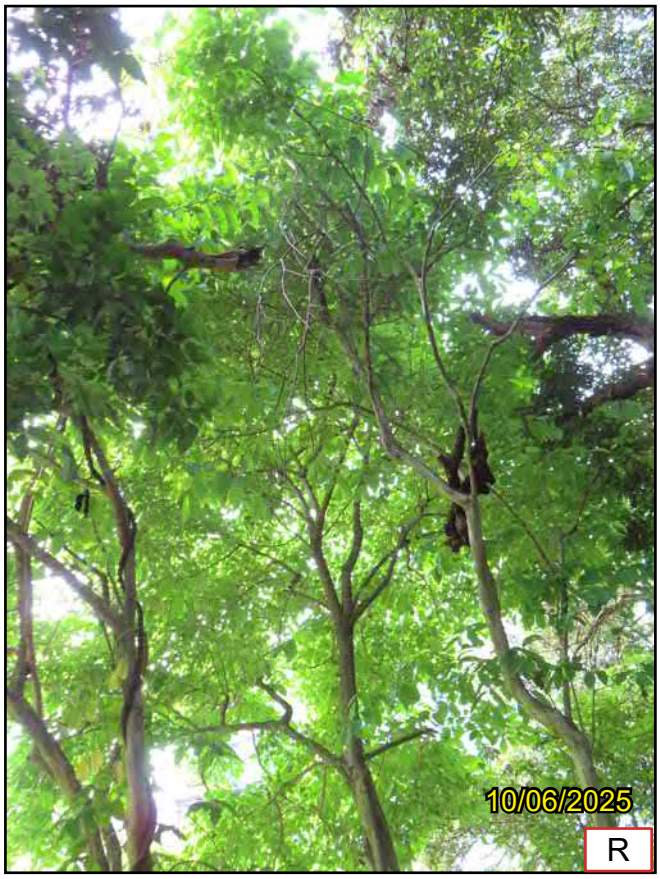
A27 (OVERALL)



A27 (BASE)



A27 (TRUNK)



A27 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS57	REV	-

ADI



A27A (OVERALL)



A27A (BASE)



A27A (TRUNK)



A27A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS58		REV -

ADI



A28 (OVERALL)



A28 (BASE)



A28 (TRUNK)



A28 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS59		REV -

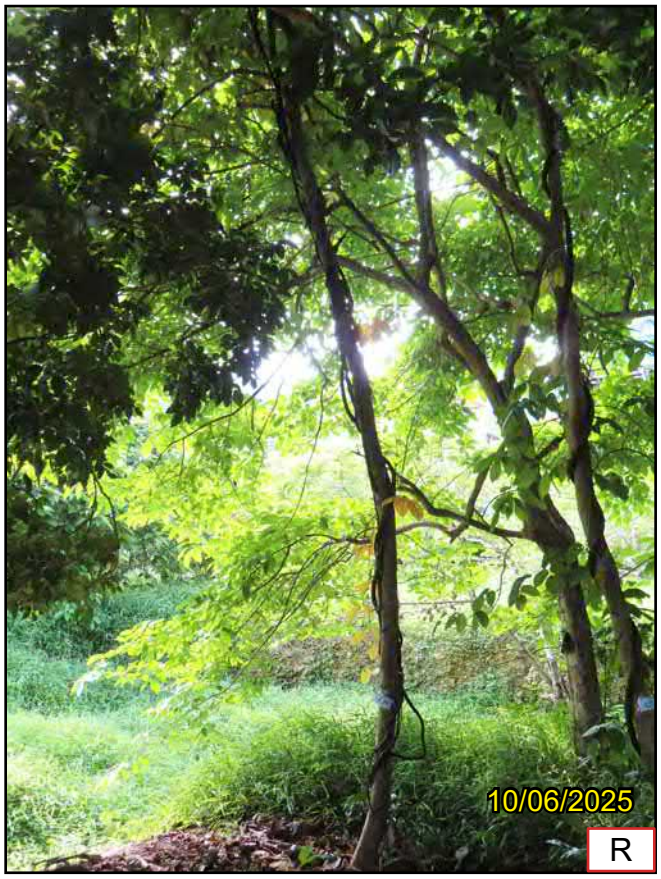
ADI



A29 (OVERALL)



A29 (BASE)



A29 (TRUNK)



A29 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS60	REV	-

ADI



A30 (OVERALL)



A30 (BASE)



A30 (TRUNK)



A30 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS61	REV	-

ADI



A31 (OVERALL)



A31 (BASE)



A31 (TRUNK)



A31 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS62		REV -

ADI



A32 (OVERALL)



A32 (BASE)



A32 (TRUNK)



A32 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS63	REV	-

ADI



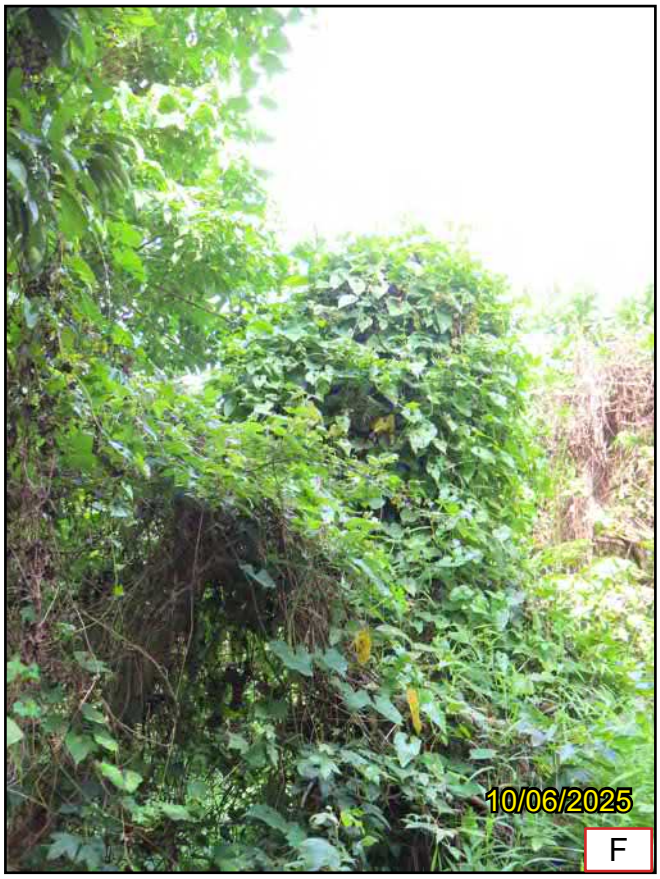
A33 (OVERALL)



A33 (BASE)



A33 (TRUNK)



A33 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS64		REV -

ADI



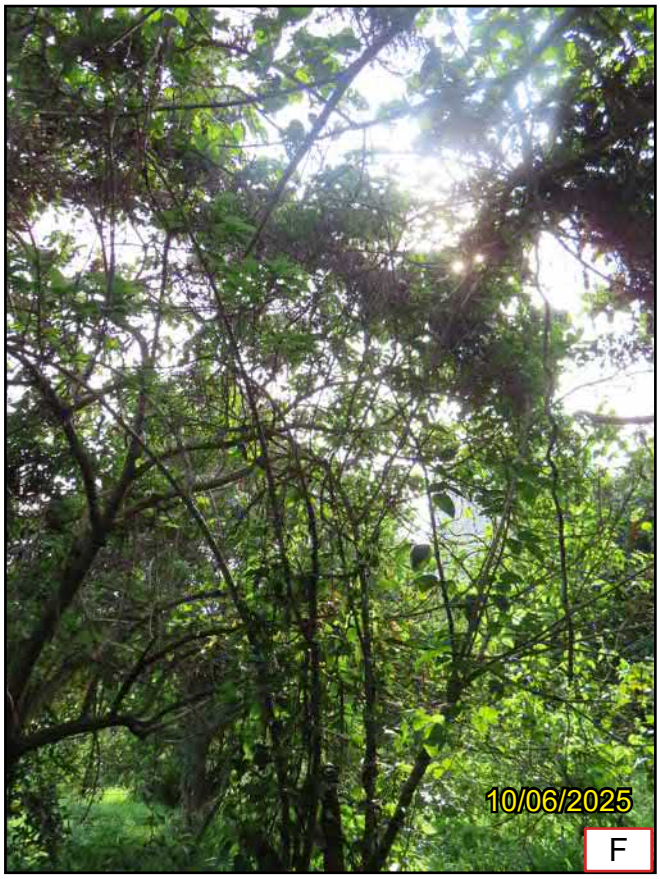
A34 (OVERALL)



A34 (BASE)



A34 (TRUNK)



A34 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS65		REV -

ADI



A35 (OVERALL)



A35 (BASE)



A35 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS66	REV	-

ADI



A35 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS67	REV	-

ADI



A36 (OVERALL)



A36 (BASE)



A36 (TRUNK)



A36 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS68		REV -

ADI



A36A (OVERALL)



A36A (BASE)



A36A (TRUNK)



A36A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS69		REV -

ADI



A36B (OVERALL)



A36B (BASE)



A36B (TRUNK)



A36B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS70	REV	-

ADI



A37 (OVERALL)



A37 (BASE)



A37 (TRUNK)



A37 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS71		REV -

ADI



A37A (OVERALL)



A37A (BASE)



A37A (TRUNK)



A37A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS72		REV -

ADI



A38 (OVERALL)



A38 (BASE)



A38 (TRUNK)



A38 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS73	REV	-

ADI



A39 (OVERALL)



A39 (BASE)



A39 (TRUNK)



A39 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS74		REV -

ADI



A40 (OVERALL)



A40 (BASE)



A40 (TRUNK)

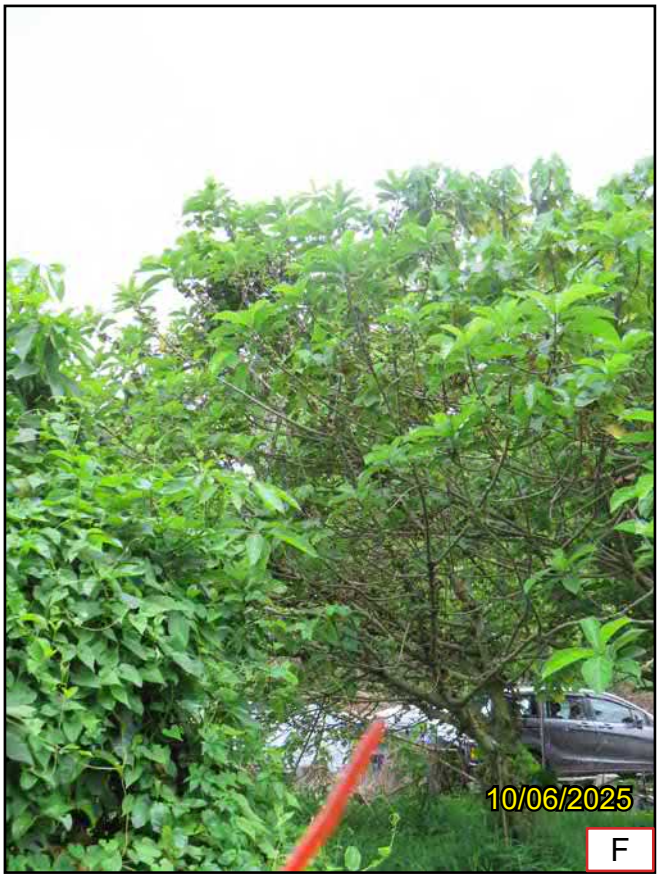


A40 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS75		REV -

ADI



A40A (OVERALL)



A40A (BASE)



A40A (TRUNK)



A40A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS76		REV -

ADI



A40B (OVERALL)



A40B (BASE)



A40B (TRUNK)



A40B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS77		REV -

ADI



A41 (OVERALL)



A41 (BASE)



A41 (TRUNK)



A41 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS78		REV -

ADI



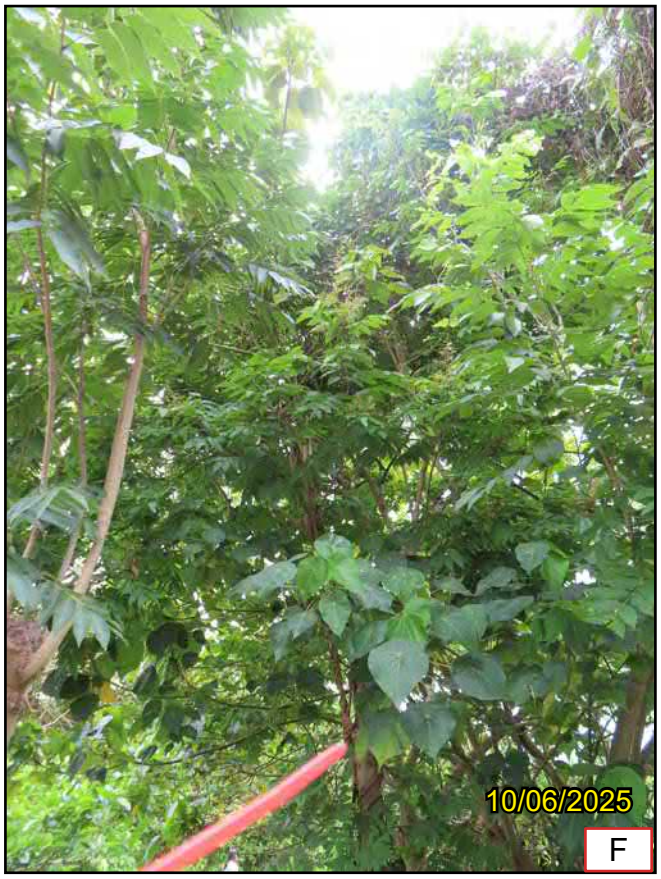
A42 (OVERALL)



A42 (BASE)



A42 (TRUNK)



A42 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS79		REV -

ADI



A43 (OVERALL)



A43 (BASE)



A43 (TRUNK)



A43 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS80		REV -

ADI



A44 (OVERALL)



A44 (BASE)



A44 (TRUNK)



A44 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS81		REV -

ADI



A45 (OVERALL)



A45 (BASE)



A45 (TRUNK)



A45 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS82		REV -

ADI



A47 (OVERALL)



A47 (BASE)



A47 (TRUNK)



A47 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS83	REV	-

ADI



A48 (OVERALL)



A48 (BASE)



A48 (TRUNK)



A48 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS84		REV -

ADI



A48A (OVERALL)



A48A (BASE)



A48A (TRUNK)



A48A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS85		REV -

ADI



A49 (OVERALL)



A49 (BASE)



A49 (TRUNK)



A49 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS86	REV	-

ADI



A49A (OVERALL)



A49A (BASE)



A49A (TRUNK)



A49A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS87		REV -

ADI



A50 (OVERALL)



A50 (BASE)



A50 (TRUNK)



A50 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS88	REV	-

ADI



A51 (OVERALL)



A51 (BASE)



A51 (TRUNK)



A51 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS89	REV	-

ADI



A51A (OVERALL)



A51A (BASE)



A51A (TRUNK)



A51A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS90		REV -

ADI



A51B (OVERALL)



A51B (BASE)



A51B (TRUNK)



A51B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS91		REV -

ADI



A52 (OVERALL)



A52 (BASE)



A52 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS92		REV -

ADI



A52 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS93	REV	-

ADI



A53 (OVERALL)



A53 (BASE)



A53 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS94	REV	-

ADI



A53 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS95		REV -

ADI



A53A (OVERALL)



A53A (BASE)



A53A (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS96	REV	-

ADI



A53A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS97	REV	-

ADI



A53B (OVERALL)



A53B (BASE)



A53B (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS98		REV -

ADI



A53B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS99	REV	-

ADI



A54 (OVERALL)



A54 (BASE)



A54 (TRUNK)



A54 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS100		REV -

ADI



A55 (OVERALL)



A55 (BASE)



A55 (TRUNK)



A55 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS101		REV -

ADI



A55A (OVERALL)



A55A (BASE)



A55A (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS102	REV	-

ADI



A55A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS103		REV -

ADI



A55B (OVERALL)



A55B (BASE)



A55B (TRUNK)



A55B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS104	REV	-

ADI



A55C (OVERALL)



A55C (BASE)



A55C (TRUNK)



A55C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS105		REV -

ADI



A55D (OVERALL)



A55D (BASE)



A55D (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS106	REV	-

ADI



A55D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS107		REV -

ADI



A55E (OVERALL)



A55E (BASE)



A55E (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS108	REV	-

ADI



A55E (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS109		REV -

ADI



A55F (OVERALL)



A55F (BASE)



A55F (TRUNK)



A55F (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS110		REV -

ADI



A55G (OVERALL)



A55G (BASE)



A55G (TRUNK)



A55G (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS111		REV -

ADI



A55H (OVERALL)



A55H (BASE)



A55H (TRUNK)



A55H (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS112		REV -

ADI



A56 (OVERALL)



A56 (BASE)



A56 (TRUNK)



A56 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS113		REV -

ADI



A57 (OVERALL)



A57 (BASE)



A57 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS114	REV	-

ADI



A57 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS115		REV -

ADI



A57A (OVERALL)



A57A (BASE)



A57A (TRUNK)



A57A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS116		REV -

ADI



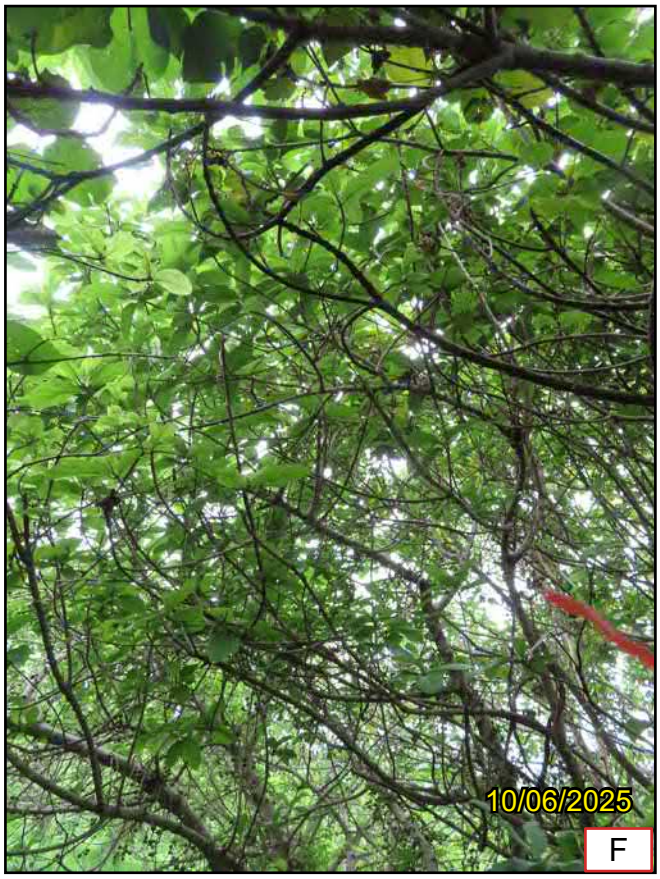
A57B (OVERALL)



A57B (BASE)



A57B (TRUNK)



A57B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS117		REV -

ADI



A58 (OVERALL)



A58 (BASE)



A58 (TRUNK)



A58 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS118	REV	-

ADI



A59 (OVERALL)



A59 (BASE)



A59 (TRUNK)



A59 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS119		REV -

ADI



A59A (OVERALL)



A59A (BASE)



A59A (TRUNK)



A59A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS120		REV -

ADI



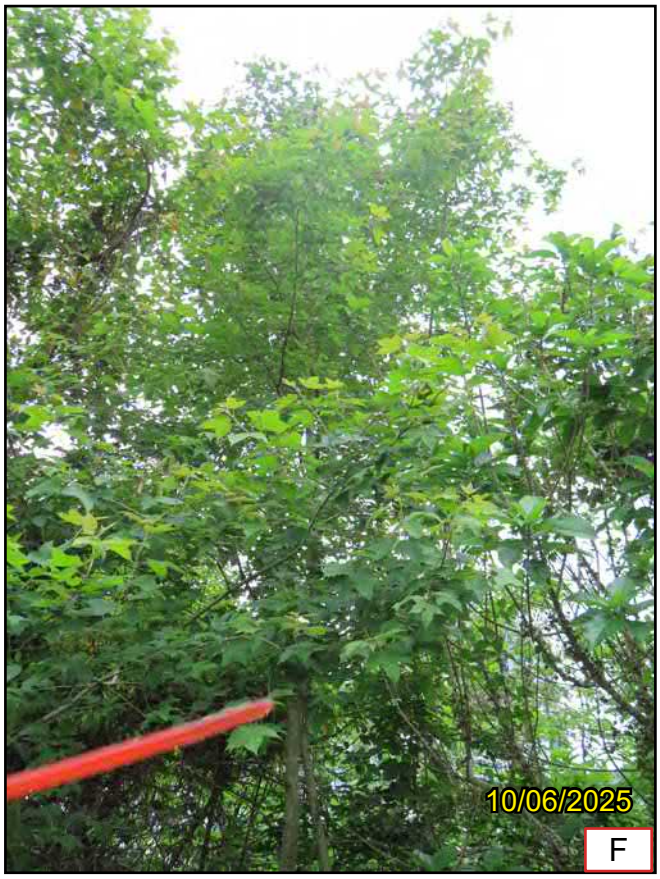
A59B (OVERALL)



A59B (BASE)



A59B (TRUNK)



A59B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS121		REV -

ADI



A59C (OVERALL)



A59C (BASE)



A59C (TRUNK)



A59C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS122		REV -

ADI



A59D (OVERALL)



A59D (BASE)



A59D (TRUNK)



A59D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS123	REV	-

ADI



A60 (OVERALL)



A60 (BASE)



A60 (TRUNK)

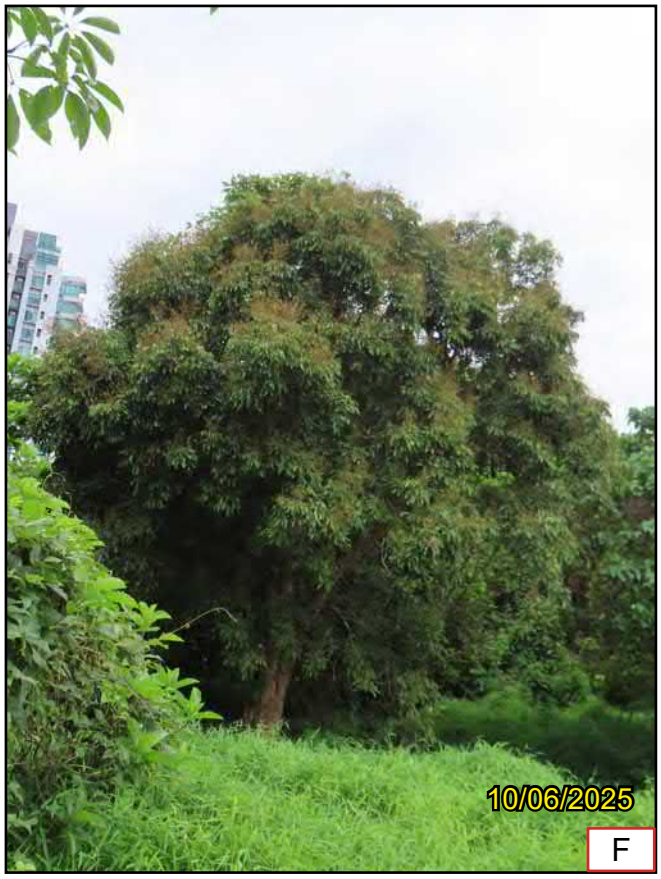


A60 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS124	REV	-

ADI



A62 (OVERALL)



A62 (BASE)



A62 (TRUNK)



A62 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS125	REV	-

ADI



A62 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS126		REV -

ADI



A62A (OVERALL)



A62A (BASE)



A62A (TRUNK)



A62A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS127	REV	-

ADI



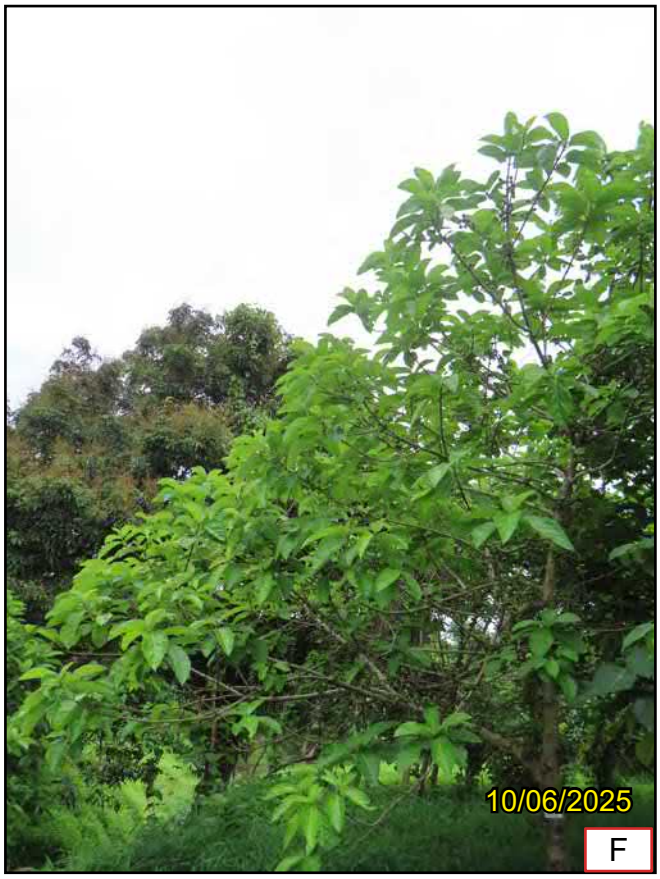
A62B (OVERALL)



A62B (BASE)



A62B (TRUNK)



A62B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS128	REV	-

ADI



A62C (OVERALL)



A62C (BASE)



A62C (TRUNK)



A62C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS129	REV	-

ADI



A62D (OVERALL)



A62D (BASE)



A62D (TRUNK 1)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS130	REV	-

ADI



A62D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS131		REV -

ADI



A62E (OVERALL)



A62E (BASE)



A62E (TRUNK)



A62E (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS132		REV -

ADI



A63 (OVERALL)



A63 (BASE)



A63 (TRUNK)



A63 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS133	REV	-

ADI



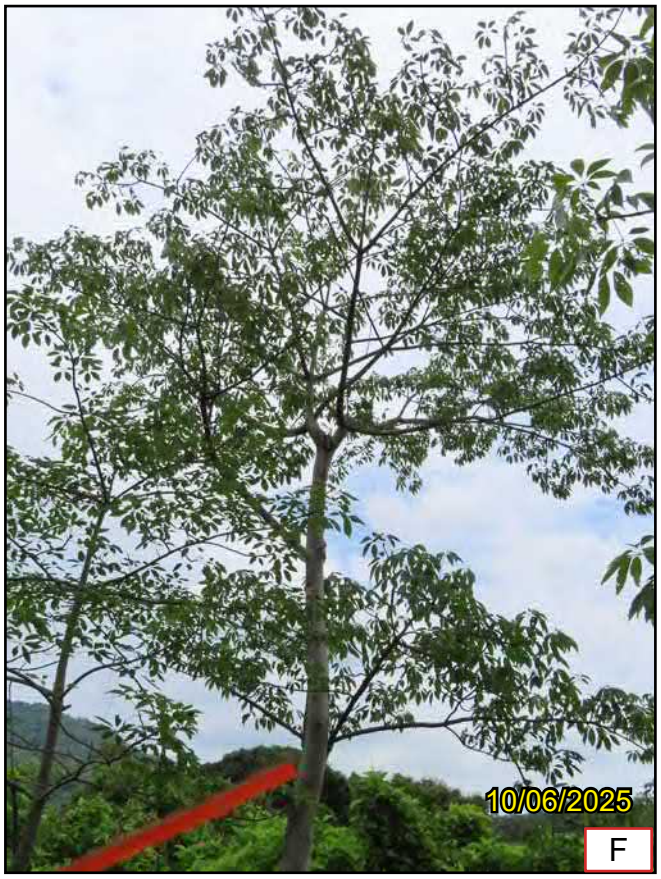
A64 (OVERALL)



A64 (BASE)



A64 (TRUNK)



A64 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS134		REV -

ADI



A64A (OVERALL)



A64A (BASE)



A64A (TRUNK 1)



A64A (TRUNK 2)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS135		REV -

ADI



A64A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025	ADI
	CHECKED	ELK	DRAWN	TEAM	
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS136		REV -	



A64B (OVERALL)



A64B (BASE)



A64B (TRUNK)



A64B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS137		REV -

ADI



A64C (OVERALL)



A64C (BASE)



A64C (TRUNK)



A64C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS138		REV -

ADI



A64D (OVERALL)



A64D (BASE)



A64D (TRUNK)



A64D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS139		REV -

ADI



A64E (OVERALL)



A64E (BASE 1)



A64E (BASE 2)



A64E (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS140		REV -

ADI



A64E (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS141		REV -

ADI



A64F (OVERALL)



A64F (BASE)



A64F (TRUNK)



A64F (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS142		REV -

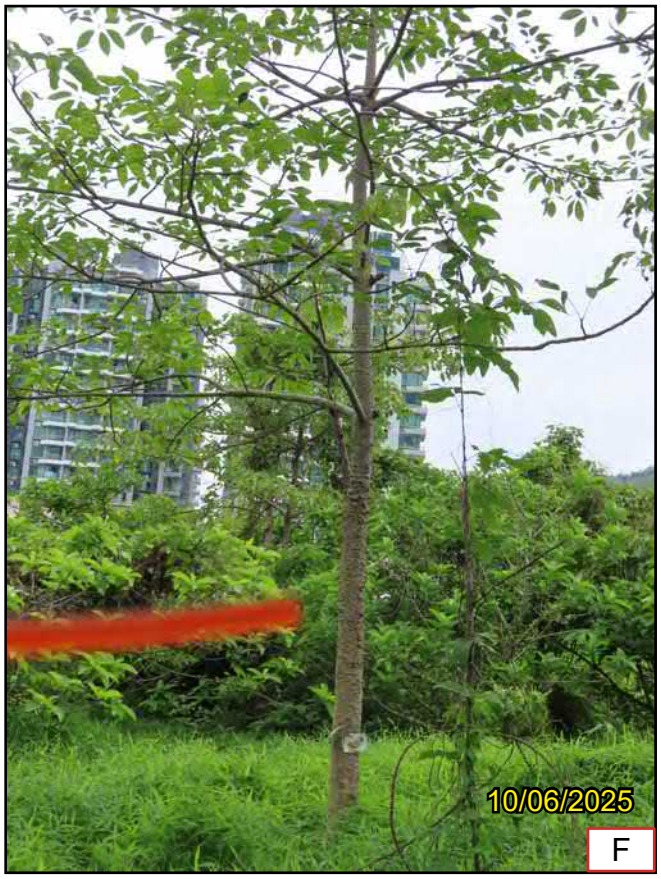
ADI



A65 (OVERALL)



A65 (BASE)



A65 (TRUNK)

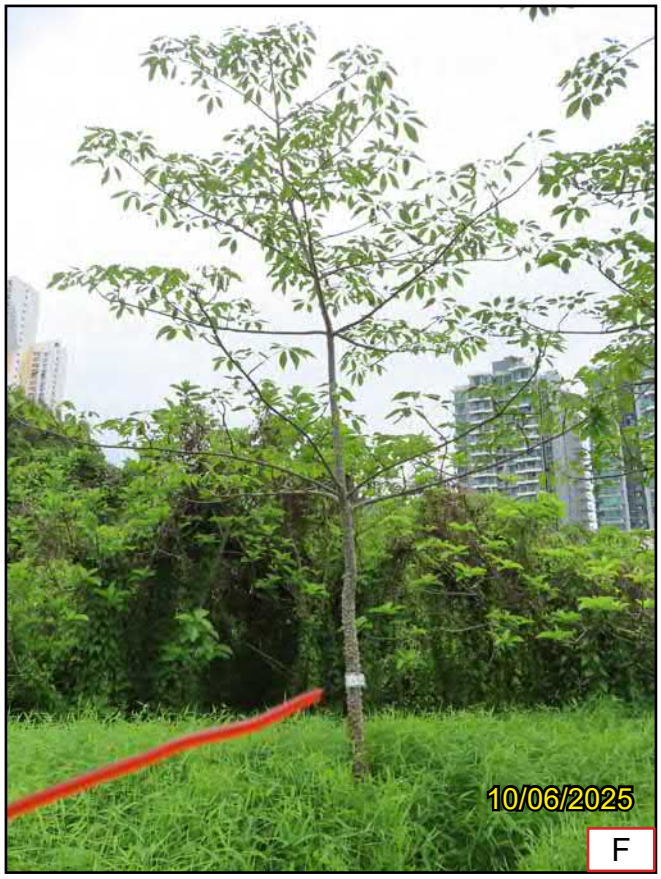


A65 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS143	REV	-

ADI



A65A (OVERALL)



A65A (BASE)



A65A (TRUNK)



A65A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS144		REV -

ADI



A66 (OVERALL)



A66 (BASE)



A66 (TRUNK)



A66 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS145		REV -

ADI



A66A (OVERALL)



A66A (BASE)



A66A (TRUNK)



A66A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS146		REV -

ADI



A67A (OVERALL)



A67A (BASE)



A67A (TRUNK)



A67A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS147	REV	-

ADI



A67B (OVERALL)



A67B (BASE)



A67B (TRUNK)



A67B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS148		REV -

ADI



A67C (OVERALL)



A67C (BASE)



A67C (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS149		REV -

ADI



A67C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS150	REV	-

ADI



A68 (OVERALL)



A68 (BASE)



A68 (TRUNK)



A68 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS151	REV	-

ADI



T1 (OVERALL)



T1 (BASE)



T1 (TRUNK)



T1 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS152	REV	-

ADI



T2 (OVERALL)



T2 (BASE)



T2 (TRUNK 1)



T2 (TRUNK 2)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS153	REV	-

ADI



T2 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS154		REV -

ADI



T4 (OVERALL)



T4 (BASE)



T4 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS155	REV	-

ADI



T4 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS156		REV -

ADI



T6 (OVERALL)



T6 (BASE)



T6 (TRUNK)



T6 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS157		REV -

ADI



T7 (OVERALL)



T7 (BASE)



T7 (TRUNK)



T7 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS158	REV	-

ADI



T8 (OVERALL)



T8 (BASE)



T8 (TRUNK)



T8 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS159	REV	-

ADI



T8 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS160	REV	-

ADI



T9 (OVERALL)



T9 (BASE)



T9 (TRUNK)



T9 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS161	REV	-

ADI



T10 (OVERALL)



T10 (BASE)



T10 (TRUNK)



T10 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS162		REV -

ADI



T11 (OVERALL)



T11 (BASE)



T11 (TRUNK)

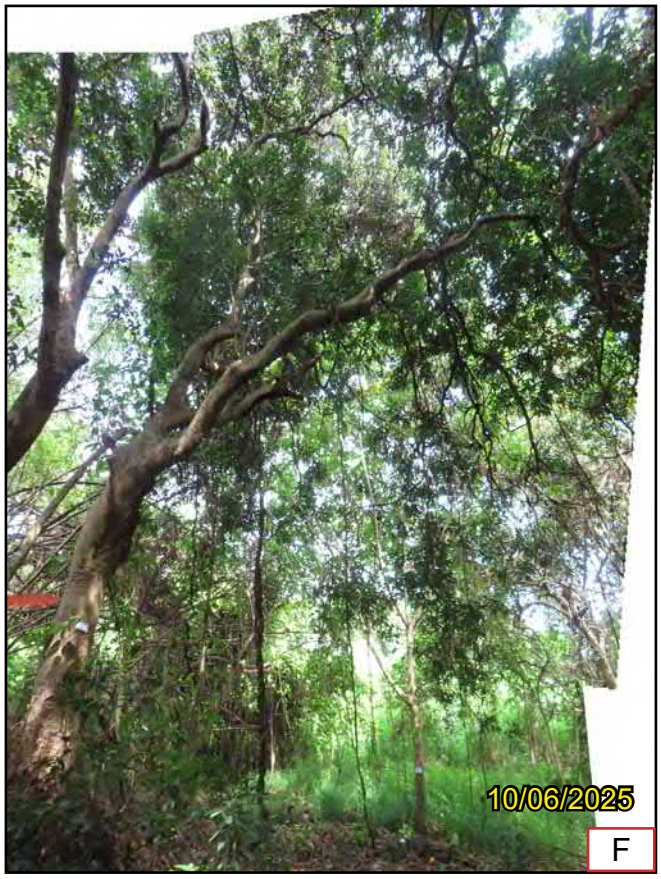


T11 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS163	REV	-

ADI



T12 (OVERALL)



T12 (BASE)



T12 (TRUNK)



T12 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS164	REV	-

ADI



T13 (OVERALL)



T13 (BASE)



T13 (TRUNK)

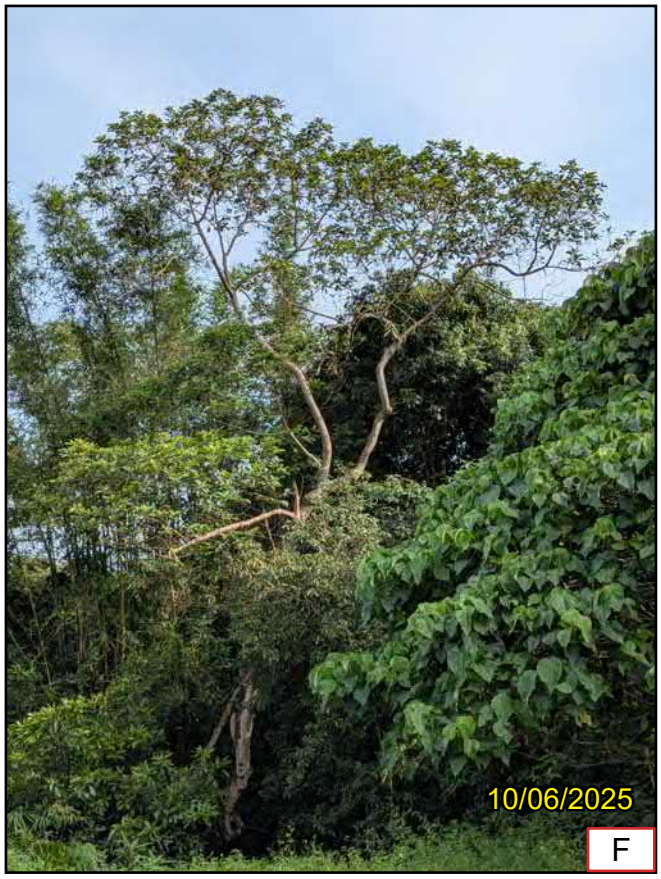


T13 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS165		REV -

ADI



T14 (OVERALL)



T14 (BASE)



T14 (TRUNK)

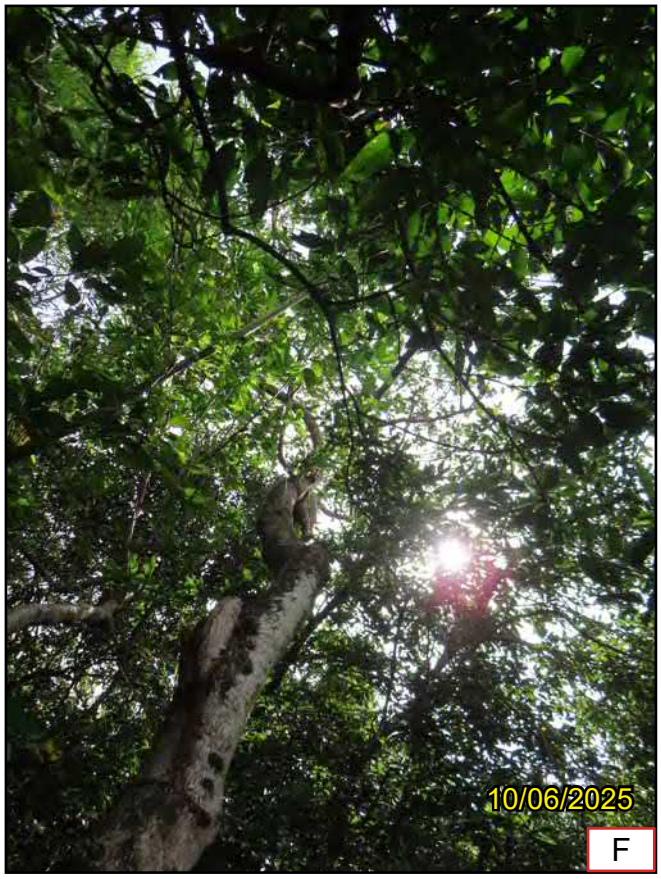


T14 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS166		REV -

ADI



T14 (CROWN 1)



T14 (CROWN 2)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS167		REV -

ADI



T15 (OVERALL)



T15 (BASE)



T15 (TRUNK 1)



T15 (TRUNK 2)

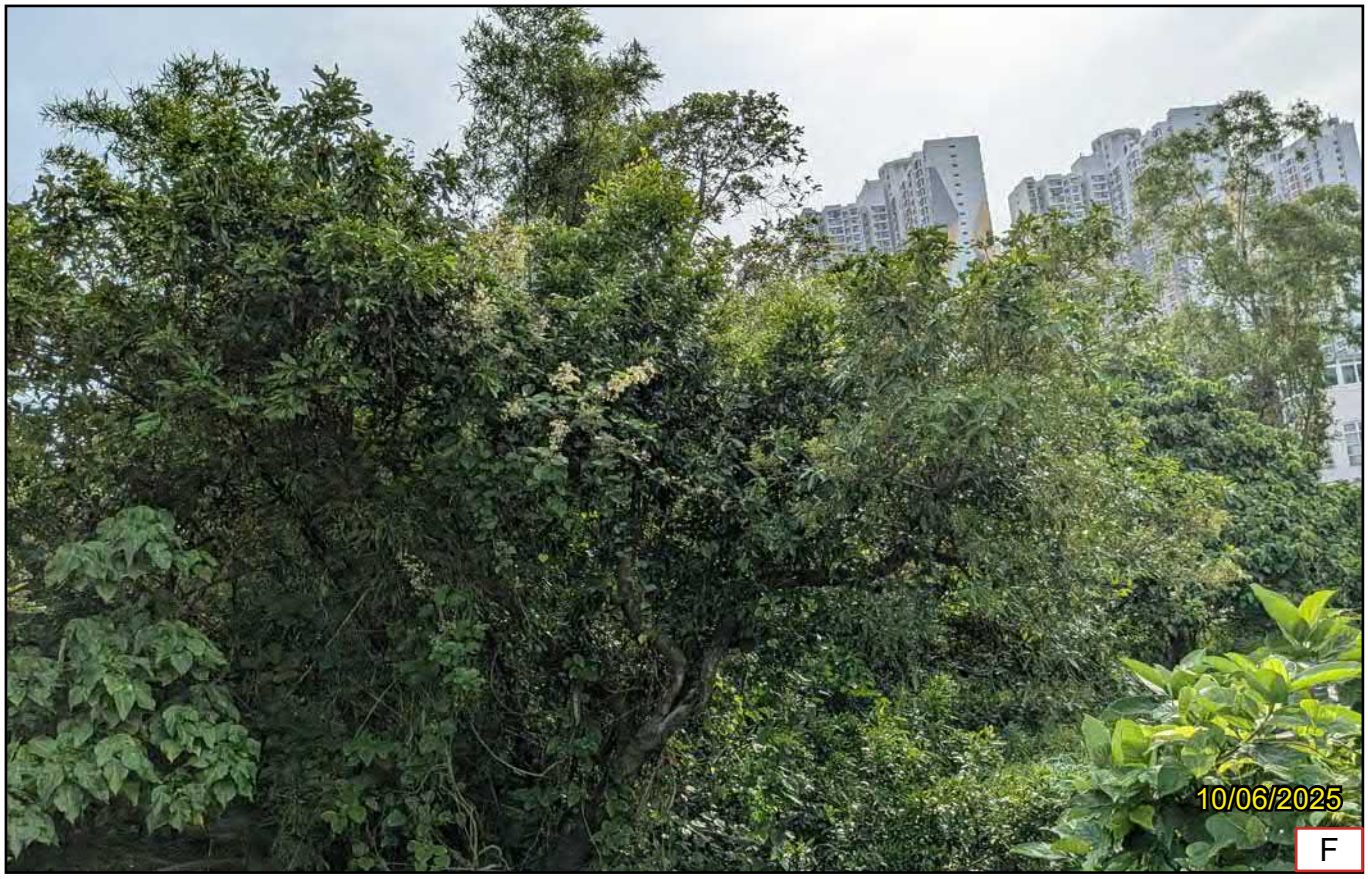
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS168	REV	-

ADI



T15 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS169	REV	-

ADI



T16 (OVERALL)



T16 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS170		REV -

ADI



T16 (BASE)



T16 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS171		REV -

ADI



T18 (OVERALL)



T18 (BASE)



T18 (TRUNK)



T18 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS172		REV -

ADI



T18A (OVERALL)



T18A (BASE)



T18A (TRUNK)



T18A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS173	REV	-

ADI



T19 (OVERALL)



T19 (BASE)



T19 (TRUNK)



T19 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS174		REV -

ADI



T20 (OVERALL)



T20 (BASE)



T20 (TRUNK)



T20 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS175	REV	-

ADI



T21 (OVERALL)



T21 (BASE)



T21 (TRUNK)



T21 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS176		REV -

ADI



T22 (OVERALL)



T22 (BASE)



T22 (TRUNK)



T22 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS177	REV	-

ADI



T22A (OVERALL)



T22A (BASE)



T22A (TRUNK)



T22A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS178		REV -

ADI



T23 (OVERALL)



T23 (BASE)



T23 (TRUNK)



T23 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS179		REV -

ADI



T24 (OVERALL)



T24 (BASE)



T24 (TRUNK)



T24 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS180		REV -

ADI



T24A (OVERALL)



T24A (BASE)



T24A (TRUNK)



T24A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS181		REV -

ADI



T25 (OVERALL)



T25 (BASE)



T25 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS182		REV -

ADI



T25 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS183		REV -

ADI



T26 (OVERALL)



T26 (BASE)



T26 (TRUNK)

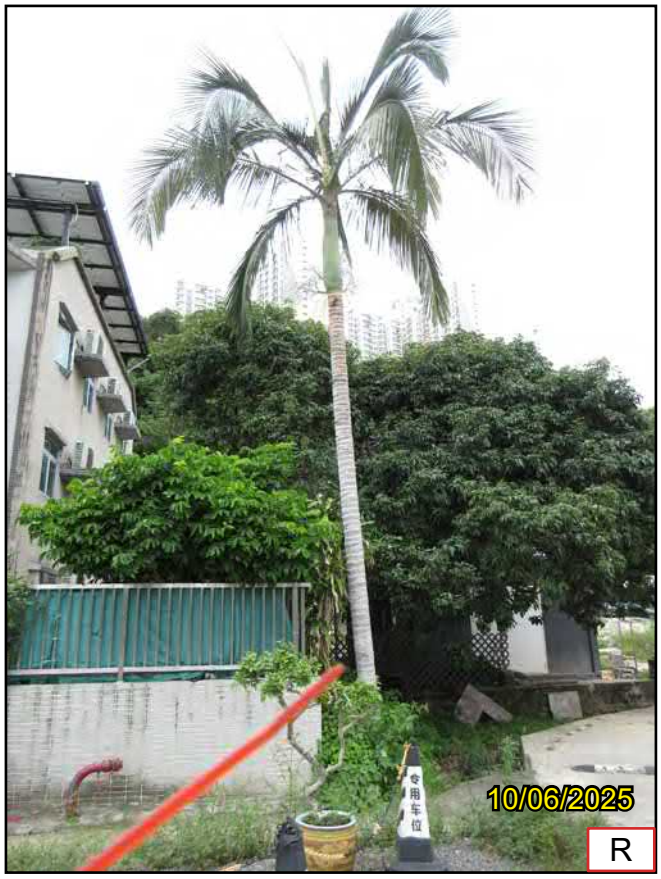


T26 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS184	REV	-

ADI



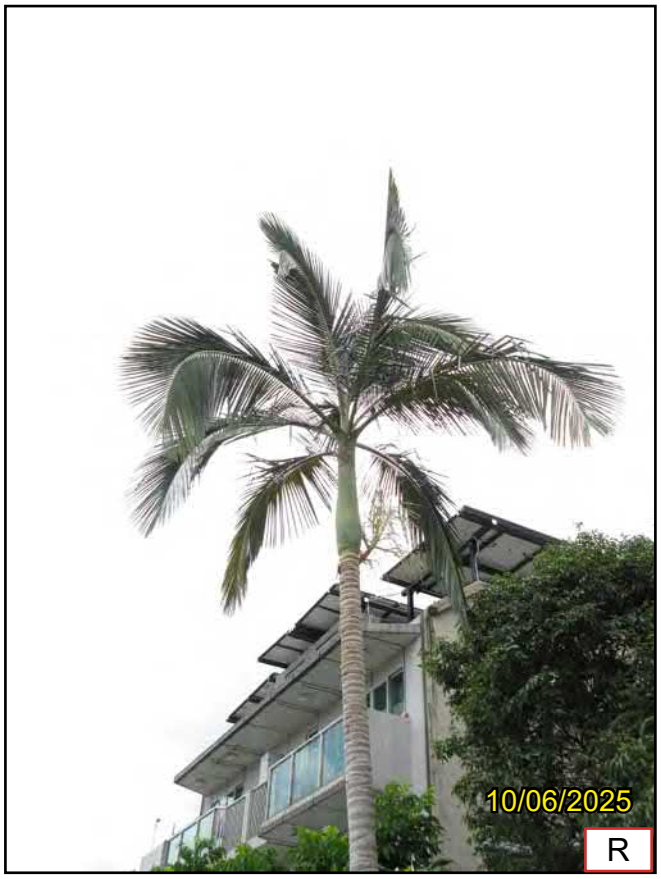
T27 (OVERALL)



T27 (BASE)



T27 (TRUNK)



T27 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS185	REV	-

ADI



T32 (OVERALL)



T32 (BASE)



T32 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS186	REV	-

ADI



T32 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS187	REV	-

ADI



T32A (OVERALL)



T32A (BASE)



T32A (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS188		REV -

ADI



T32A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS189		REV -

ADI



T32B (OVERALL)



T32B (BASE)



T32B (TRUNK)



T32B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS190		REV -

ADI



T32C (OVERALL)



T32C (BASE)



T32C (TRUNK)



T32C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS191		REV -

ADI



T32D (OVERALL)



T32D (BASE)



T32D (TRUNK)



T32D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS192	REV	-

ADI



T33 (OVERALL)



T33 (BASE)



T33 (TRUNK)



T33 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS193	REV	-

ADI



T34 (OVERALL)



T34 (BASE)



T34 (TRUNK)



T34 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS194		REV -

ADI



T35 (OVERALL)



T35 (BASE)



T35 (TRUNK)



T35 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS195	REV	-

ADI



T36 (OVERALL)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS196		REV -

ADI



T36 (CROWN)



T36 (BASE)



T36 (TRUNK 1)



T36 (TRUNK 2)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS197	REV	-

ADI



T37 (OVERALL)



T37 (BASE)



T37 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS198		REV -

ADI



T37 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS199	REV	-

ADI



T38 (OVERALL)



T38 (BASE)



T38 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS200	REV	-

ADI



T38 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS201	REV	-

ADI



T39 (OVERALL)



T39 (BASE)



T39 (TRUNK)



T39 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS202		REV -

ADI



T39 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS203		REV -

ADI



T39A (OVERALL)



T39A (BASE)



T39A (TRUNK)



T39A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS204		REV -

ADI



T40 (OVERALL)



T40 (BASE)



T40 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS205	REV	-

ADI



T40 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS206		REV -

ADI



T41 (OVERALL)



T41 (BASE)



T41 (TRUNK)



T41 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS207		REV -

ADI



T42 (OVERALL)



T42 (BASE)



T42 (TRUNK)



T42 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS208		REV -

ADI



T43 (OVERALL)



T43 (BASE)



T43 (TRUNK)



T43 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025	ADI
	CHECKED	ELK	DRAWN	TEAM	
	FIGURE NO.	CKPL58A - TS209		REV -	



T43A (OVERALL)



T43A (BASE)



T43A (TRUNK)



T43A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS210		REV -

ADI



T43B (OVERALL)



T43B (BASE)



T43B (TRUNK)



T43B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS211		REV -

ADI



T43C (OVERALL)



T43C (BASE)



T43C (TRUNK)



T43C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS212		REV -

ADI



T43D (OVERALL)



T43D (BASE)



T43D (TRUNK)



T43D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS213	REV	-

ADI



T43E (OVERALL)



T43E (BASE)



T43E (TRUNK)



T43E (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS214		REV -

ADI



T44 (OVERALL)



T44 (BASE)



T44 (TRUNK)



T44 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS215		REV -

ADI



T44B (OVERALL)



T44B (BASE)



T44B (TRUNK)



T44B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS216		REV -

ADI



T45 (OVERALL)



T45 (BASE)



T45 (TRUNK)



T45 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS217	REV	-

ADI



T45 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS218		REV -

ADI



T47 (BASE)



T47 (TRUNK)



T47 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS219		REV -

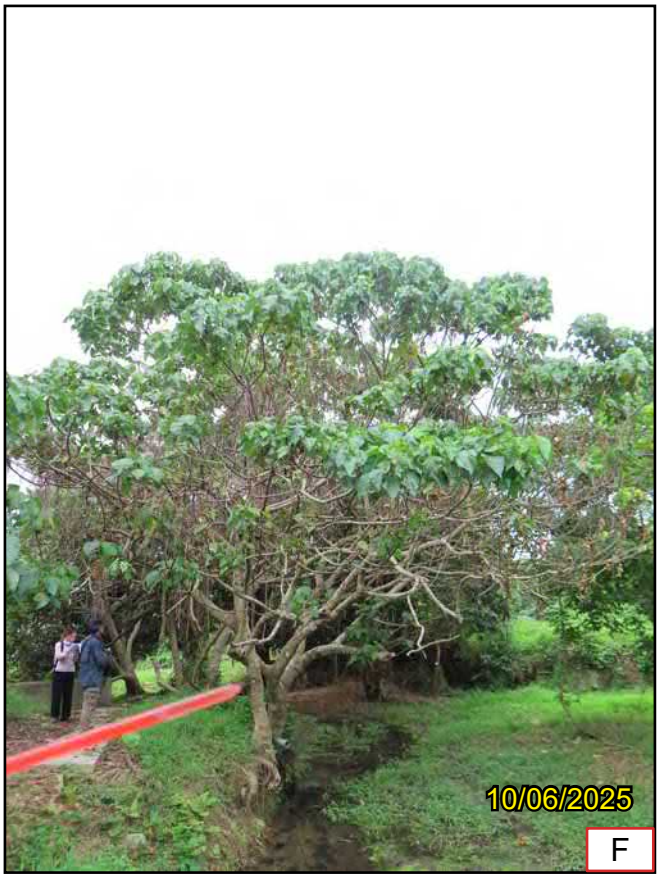
ADI



T47 (OVERALL)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025	ADI
	CHECKED	ELK	DRAWN	TEAM	
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS220		REV -	



T48 (OVERALL)



T48 (BASE)



T48 (TRUNK)



T48 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS221		REV -

ADI



T48A (OVERALL)



T48A (BASE)



T48A (TRUNK)



T48A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS222		REV -

ADI



T48B (OVERALL)



T48B (BASE)



T48B (TRUNK)



T48B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS223		REV -

ADI



T48C (OVERALL)



T48C (BASE)



T48C (TRUNK)



T48C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS224		REV -

ADI



T48D (OVERALL)



T48D (BASE)



T48D (TRUNK)



T48D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS225	REV	-

ADI



T48E (OVERALL)



T48E (BASE)



T48E (TRUNK)



T48E (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS226	REV	-

ADI



T48F (OVERALL)



T48F (BASE)



T48F (TRUNK)



T48F (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS227		REV -

ADI



T49 (OVERALL)



T49 (BASE)



T49 (TRUNK)



T49 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS228	REV	-

ADI



T49A (OVERALL)



T49A (BASE)



T49A (TRUNK)



T49A (CROWN)

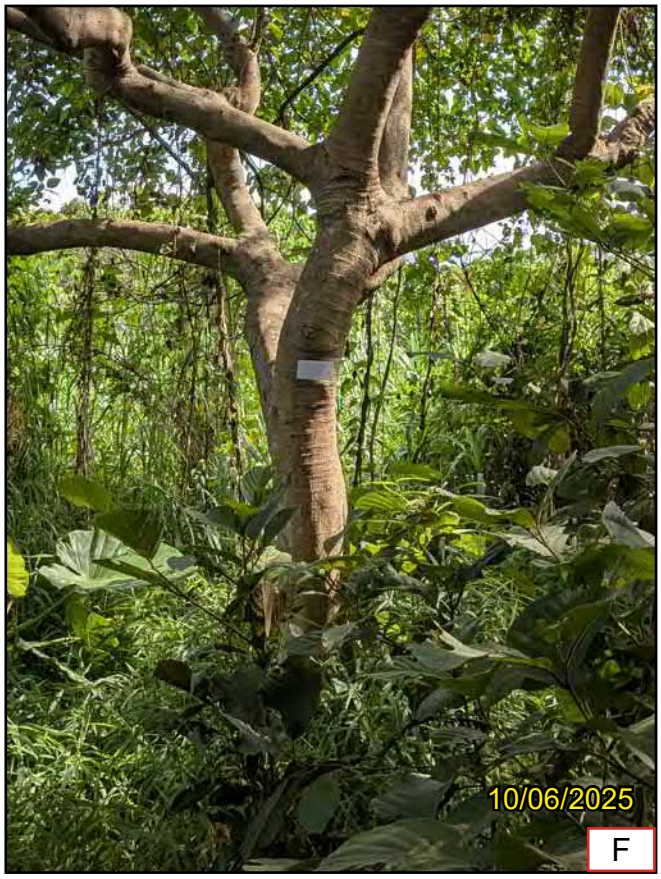
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS229		REV -

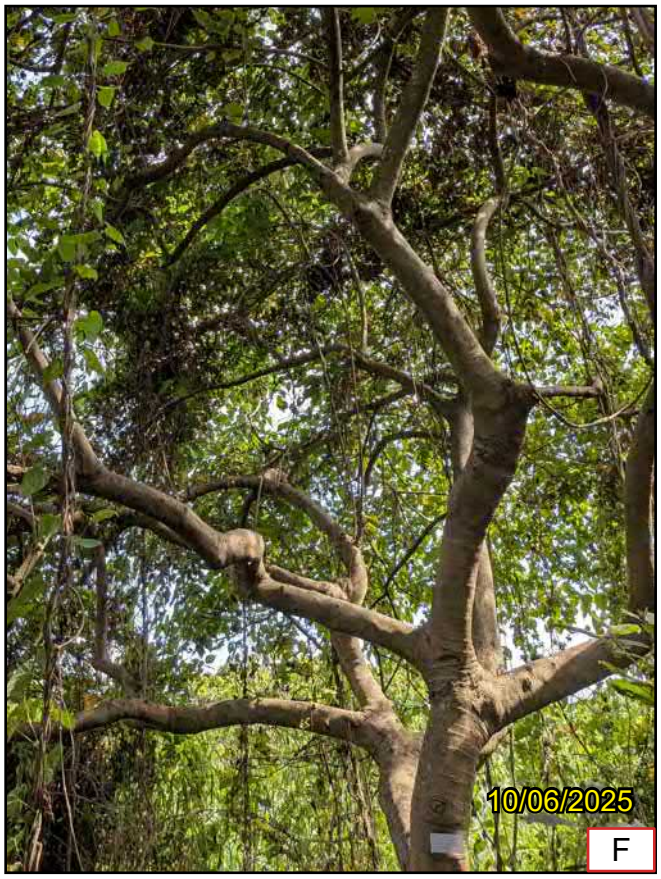
ADI



T50 (OVERALL)



T50 (BASE)



T50 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS230	REV	-

ADI



T50 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS231		REV -

ADI



T51 (OVERALL)



T51 (BASE)



T51 (TRUNK)



T51 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS232	REV	-

ADI



T51A (OVERALL)



T51A (BASE)



T51A (TRUNK)



T51A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS233		REV -

ADI



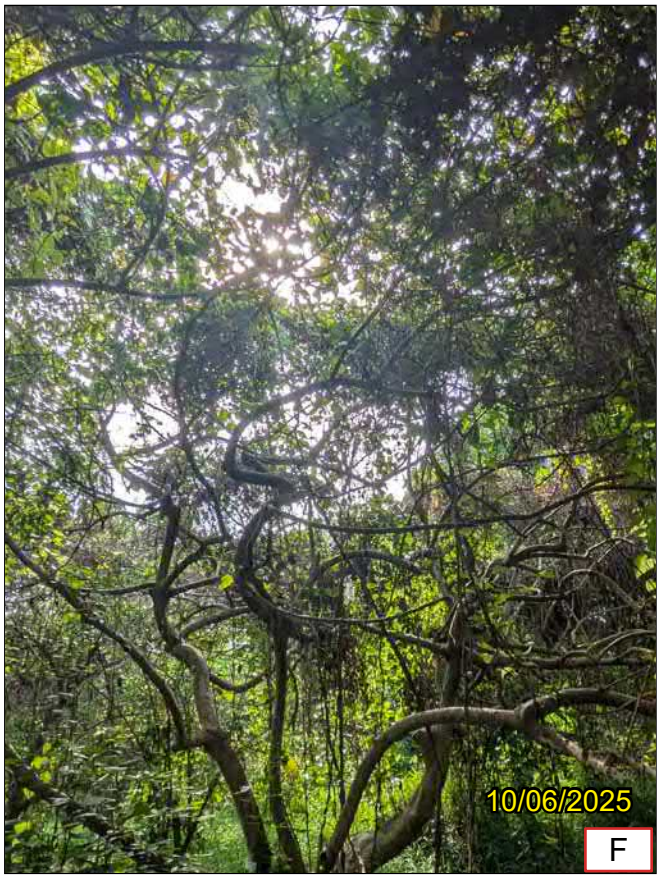
T52 (OVERALL)



T52 (BASE)



T52 (TRUNK)



T52 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS234		REV -

ADI



T52A (OVERALL)



T52A (BASE)



T52A (TRUNK)



T52A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS235		REV -

ADI



T52B (OVERALL)



T52B (BASE)



T52B (TRUNK)



T52B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS236		REV -

ADI



T53 (OVERALL)



T53 (BASE)



T53 (TRUNK)



T53 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS237		REV -

ADI



T54 (OVERALL)



T54 (BASE)



T54 (TRUNK)

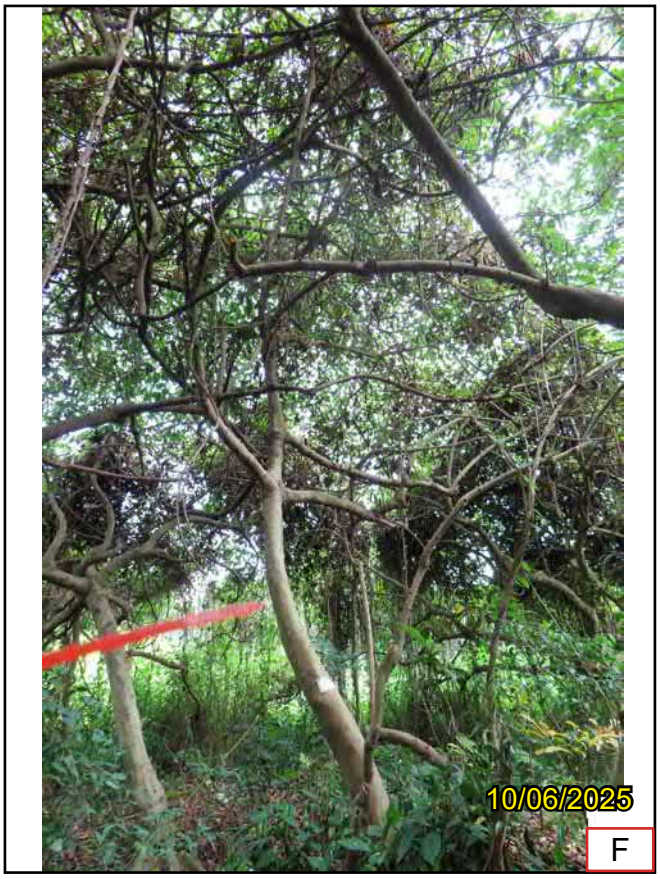


T54 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS238		REV -

ADI



T55 (OVERALL)



T55 (BASE)



T55 (TRUNK)



T55 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS239		REV -

ADI



T56 (OVERALL)



T56 (BASE)



T56 (TRUNK)



T56 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS240		REV -

ADI



T57 (OVERALL)



T57 (BASE)



T57 (TRUNK)



T57 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS241		REV -

ADI



T75 (OVERALL)



T75 (BASE)



T75 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS242	REV	-

ADI



T75 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS243	REV	-

ADI



T76 (OVERALL)



T76 (BASE)



T76 (TRUNK)

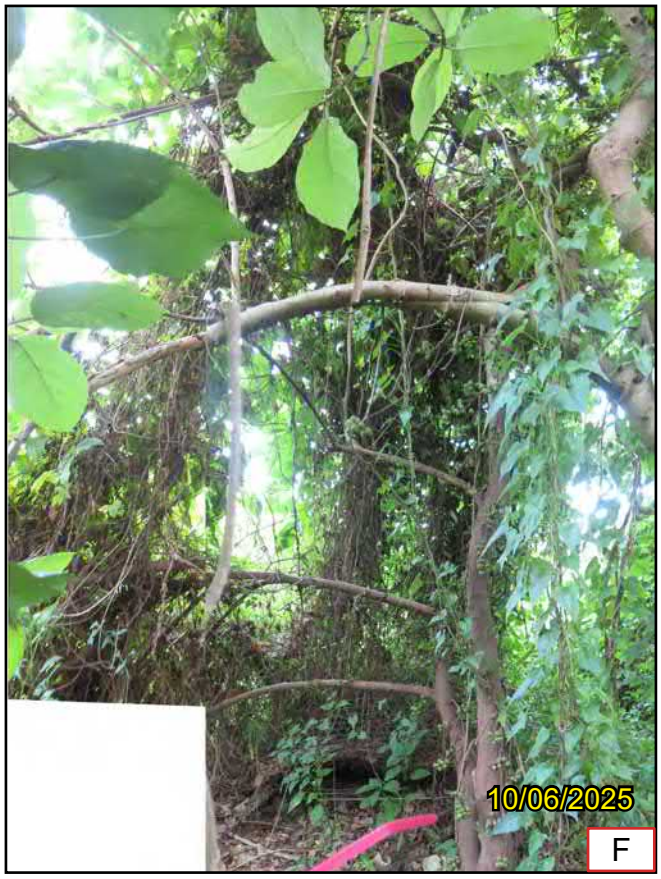


T76 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS244		REV -

ADI



T76A (OVERALL)



T76A (BASE)



T76A (TRUNK)

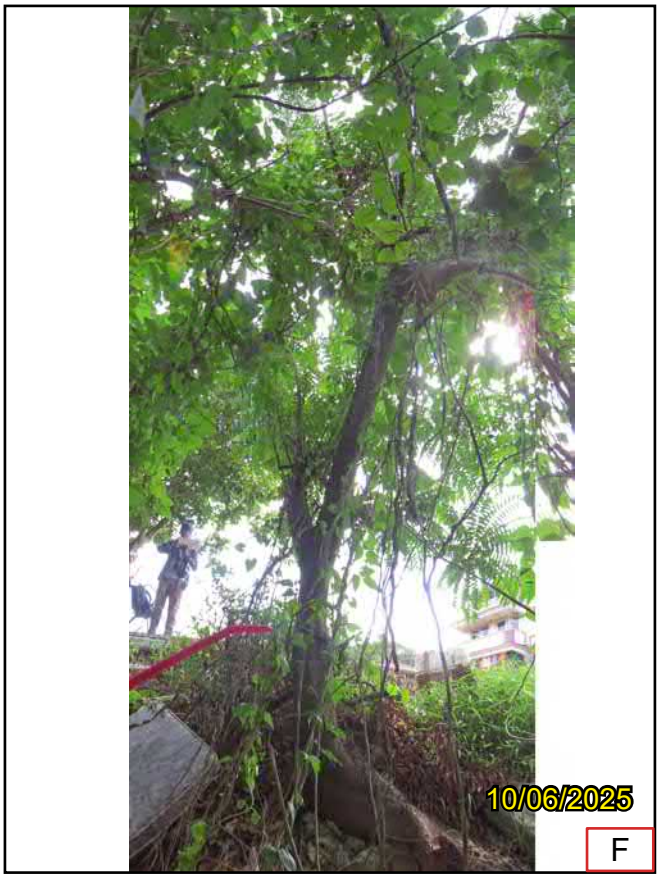


T76A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS245	REV	-

ADI



T77 (OVERALL)



T77 (BASE)



T77 (TRUNK)



T77 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS246		REV -

ADI



T77A (OVERALL)



T77A (BASE)



T77A (TRUNK)



T77A (CROWN 1)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS247	REV	-

ADI



T77A (CROWN 2)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS248		REV -

ADI



T78 (OVERALL)



T78 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS249		REV -

ADI



T78 (BASE)



T78 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS250		REV -

ADI



T80 (OVERALL)



T80 (BASE)



T80 (TRUNK)



T80 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS251	REV	-

ADI



T80A (OVERALL)



T80A (BASE)



T80A (TRUNK)



T80A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS252	REV	-

ADI



T80B (OVERALL)



T80B (BASE)



T80B (TRUNK)



T80B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS253		REV -

ADI



T81 (OVERALL)



T81 (BASE)



T81 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS254	REV	-

ADI



T81 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS255		REV -

ADI



T82 (OVERALL)



T82 (BASE)



T82 (TRUNK)

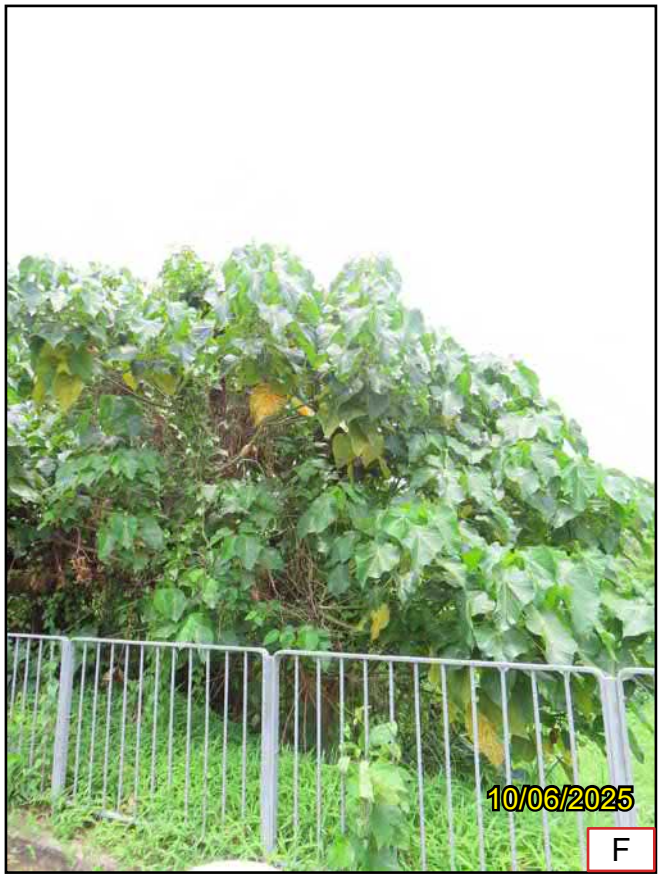


T82 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS256	REV	-

ADI



T83 (OVERALL)



T83 (BASE)



T83 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS257	REV	-

ADI



T83 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS258		REV -

ADI



T84 (OVERALL)



T84 (BASE)



T84 (TRUNK)



T84 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS259		REV -

ADI



T84 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS260		REV -

ADI



T84A (OVERALL)



T84A (BASE)



T84A (TRUNK)



T84A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS261		REV -

ADI



T84B (OVERALL)



T84B (BASE)



T84B (TRUNK)



T84B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS262	REV	-

ADI



T84C (OVERALL)



T84C (BASE)



T84C (TRUNK)



T84C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS263		REV -

ADI



T84D (OVERALL)



T84D (BASE)



T84D (TRUNK)



T84D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS264	REV	-

ADI



T84E (OVERALL)



T84E (BASE)



T84E (TRUNK)



T84E (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS265	REV	-

ADI



T84F (OVERALL)



T84F (BASE)



T84F (TRUNK)



T84F (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS266	REV	-

ADI



T88 (OVERALL)



T88 (BASE)



T88 (TRUNK)



T88 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS267	REV	-

ADI



T88 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS268	REV	-

ADI



T88A (OVERALL)



T88A (BASE)



T88A (TRUNK)



T88A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS269	REV	-

ADI



T88B (OVERALL)



T88B (BASE)



T88B (TRUNK)



T88B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS270		REV -

ADI



T89 (OVERALL)



T89 (BASE)



T89 (TRUNK)



T89 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS271		REV -

ADI



T91 (OVERALL)



T91 (BASE)



T91 (TRUNK)



T91 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS272	REV	-

ADI



T92 (OVERALL)



T92 (BASE)



T92 (TRUNK)



T92 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS273		REV -

ADI



T93 (OVERALL)



T93 (BASE)



T93 (TRUNK)



T93 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS274		REV -

ADI



T94 (OVERALL)



T94 (BASE)



T94 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS275		REV -

ADI



T94 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS276		REV -

ADI



T94A (OVERALL)



T94A (BASE)



T94A (TRUNK)



T94A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS277		REV -

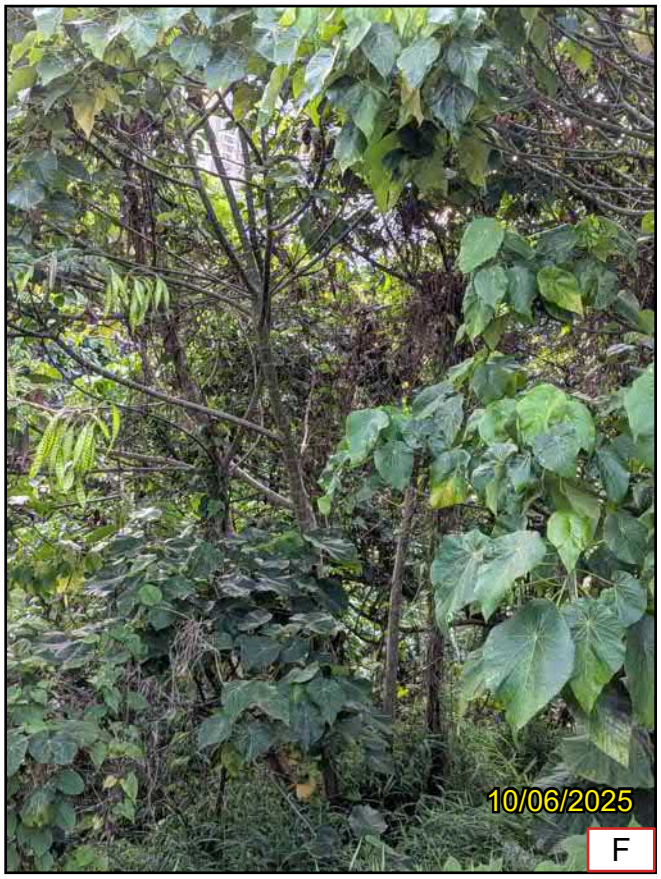
ADI



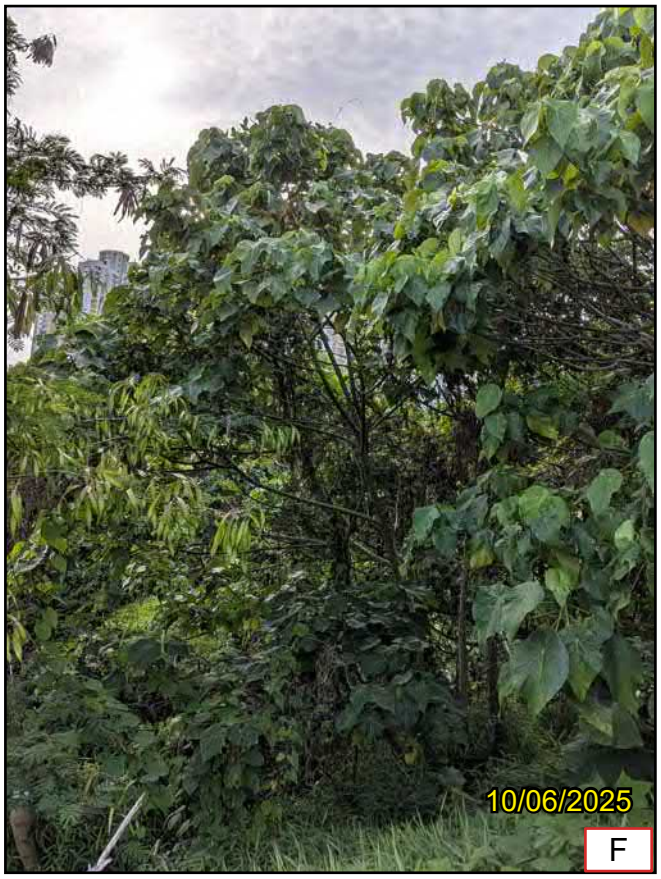
T94B (OVERALL)



T94B (BASE)



T94B (TRUNK)



T94B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS278		REV -

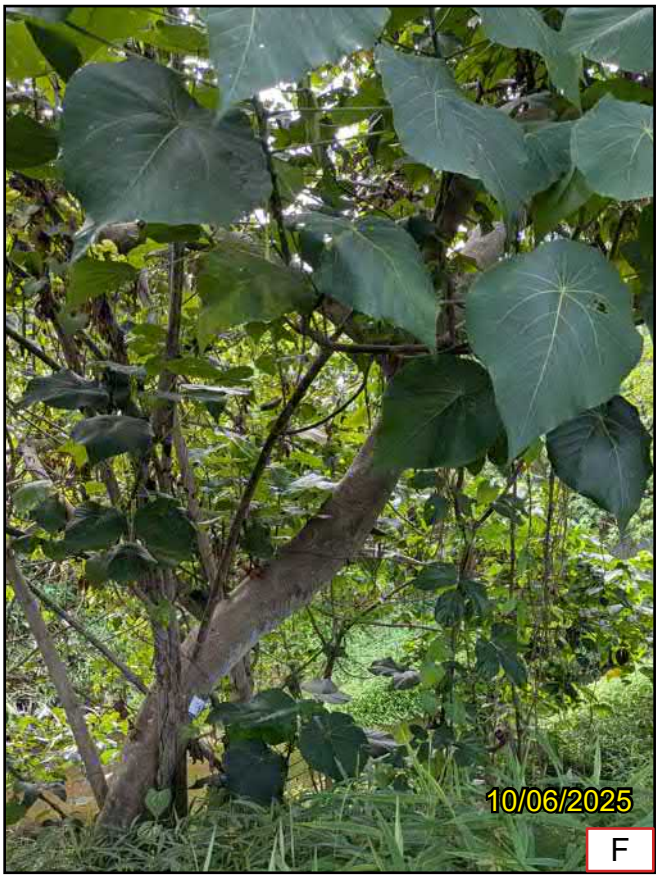
ADI



T96 (OVERALL)



T96 (BASE)



T96 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS279	REV	-

ADI



T96 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS280		REV -

ADI



T96A (OVERALL)



T96A (BASE)



T96A (TRUNK)

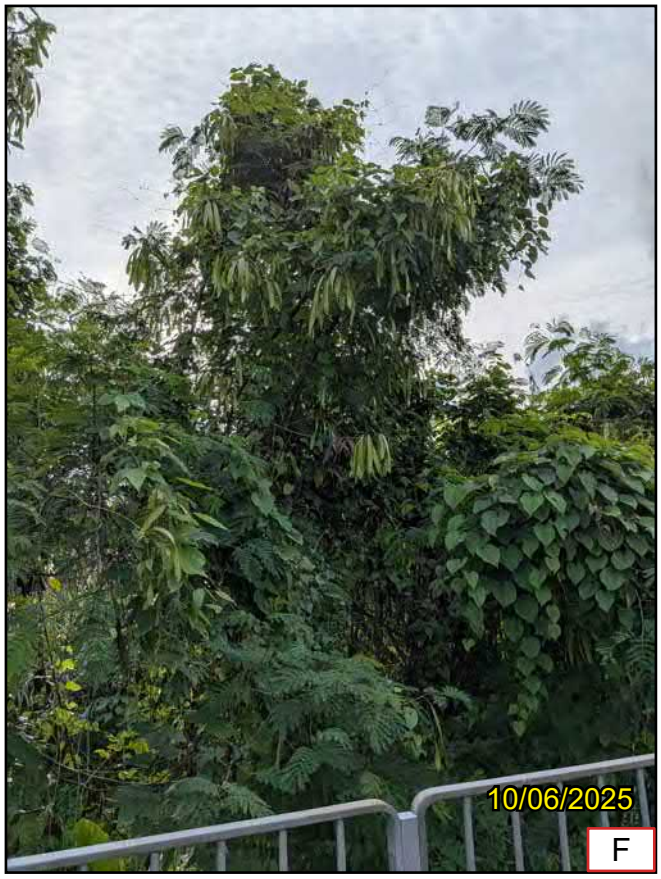


T96A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS281		REV -

ADI



T96B (OVERALL)



T96B (BASE)



T96B (TRUNK)



T96B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS282	REV	-

ADI



T97 (OVERALL)



T97 (BASE)



T97 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS283		REV -

ADI

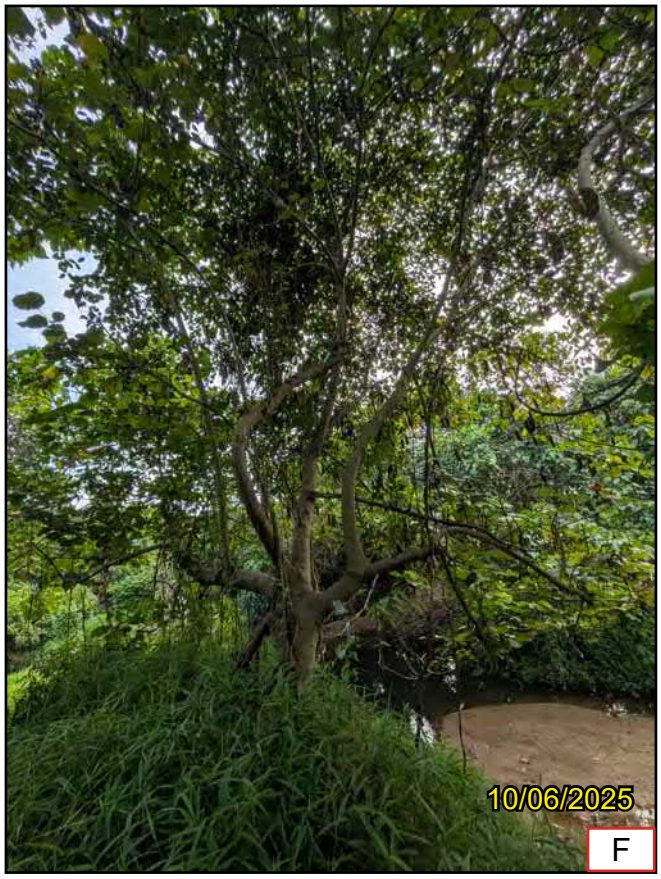


T97 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS284		REV -

ADI



T98 (OVERALL)



T98 (BASE)



T98 (TRUNK)



T98 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS285		REV -

ADI



T99 (OVERALL)



T99 (BASE)



T99 (TRUNK)



T99 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS286		REV -

ADI



T100 (OVERALL)



T100 (BASE)



T100 (TRUNK)

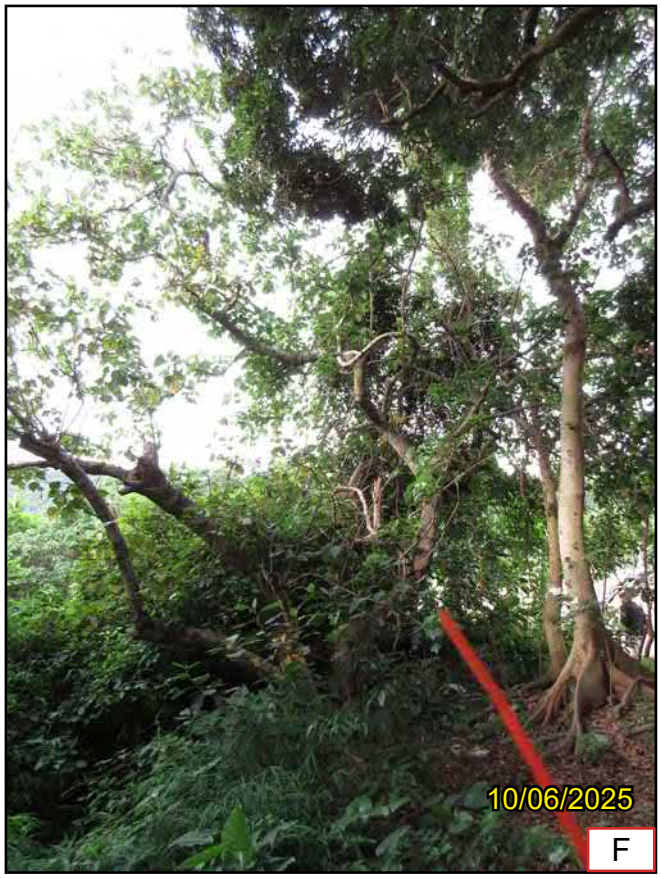


T100 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS287	REV	-

ADI



T101 (OVERALL)



T101 (BASE)



T101 (TRUNK)



T101 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS288		REV -

ADI



T101 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS289		REV -

ADI



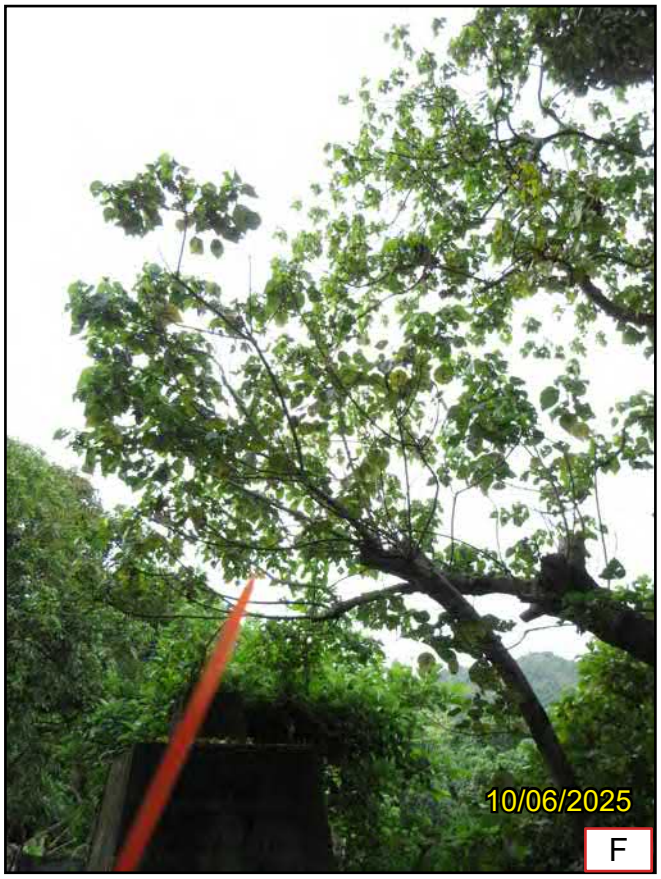
T101A (OVERALL)



T101A (BASE)



T101A (TRUNK)



T101A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS290		REV -

ADI



T102 (OVERALL)



T102 (BASE)



T102 (TRUNK)



T102 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS291		REV -

ADI



T107 (OVERALL)



T107 (BASE)



T107 (TRUNK)



T107 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS292	REV	-

ADI



T110 (OVERALL)



T110 (BASE)



T110 (TRUNK)



T110 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS293		REV -

ADI



T111 (OVERALL)



T111 (BASE)



T111 (TRUNK)



T111 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS294		REV -

ADI



T112 (OVERALL)



T112 (BASE)



T112 (TRUNK)



T112 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS295		REV -

ADI



T134 (OVERALL)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS296		REV -

ADI



T134 (TRUNK)



T134 (BASE)

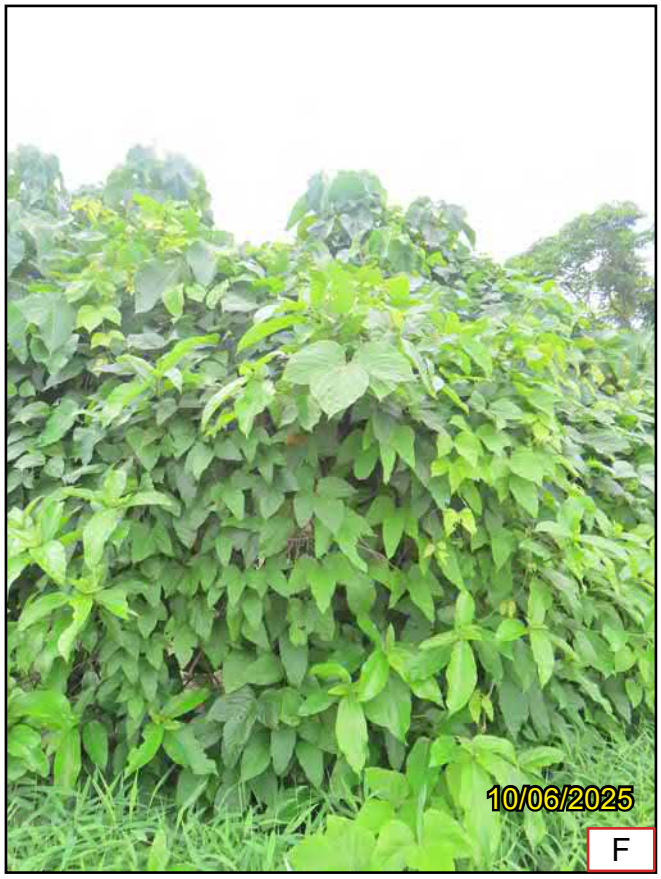


T134 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS297		REV -

ADI



T135 (OVERALL)



T135 (BASE)



T135 (TRUNK)



T135 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS298		REV -

ADI



T136A (OVERALL)



T136A (BASE)



T136A (TRUNK)



T136A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS299		REV -

ADI



T136B (OVERALL)



T136B (BASE)



T136B (TRUNK)



T136B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS300		REV -

ADI



T138A (OVERALL)



T138A (BASE)



T138A (TRUNK)



T138A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS301		REV -

ADI



T138B (OVERALL)



T138B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS302		REV -

ADI



T138B (BASE)



T138B (TRUNK)



T138B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS303		REV -

ADI



T138C (OVERALL)



T138C (BASE)



T138C (TRUNK)



T138C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS304	REV	-

ADI



T138D (OVERALL)



T138D (BASE)



T138D (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS305		REV -

ADI



T138D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS306		REV -

ADI



T138E (OVERALL)



T138E (BASE)



T138E (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS307		REV -

ADI



T138E (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS308		REV -

ADI



T138F (OVERALL)



T138F (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A - Phase 1)	FIGURE NO.	CKPL58A - TS309		REV -

ADI



T138F (CROWN)



T138F (BASE)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS310		REV -

ADI



T152 (OVERALL)



T152 (BASE)



T152 (TRUNK)



T152 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS311	REV	-

ADI



T152 (CROWN 1)



T152 (CROWN 2)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS312		REV -

ADI



T152A (OVERALL)



T152A (BASE)



T152A (TRUNK)



T152A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS313		REV -

ADI



T153 (OVERALL)



T153 (BASE)



T153 (TRUNK)



T153 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS314		REV -

ADI



T154 (OVERALL)



T154 (BASE)



T154 (TRUNK)



T154 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS315	REV	-

ADI



T154 (DEFECT1)



T154 (DEFECT 2)



T154 (DEFECT 3)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS316		REV -

ADI



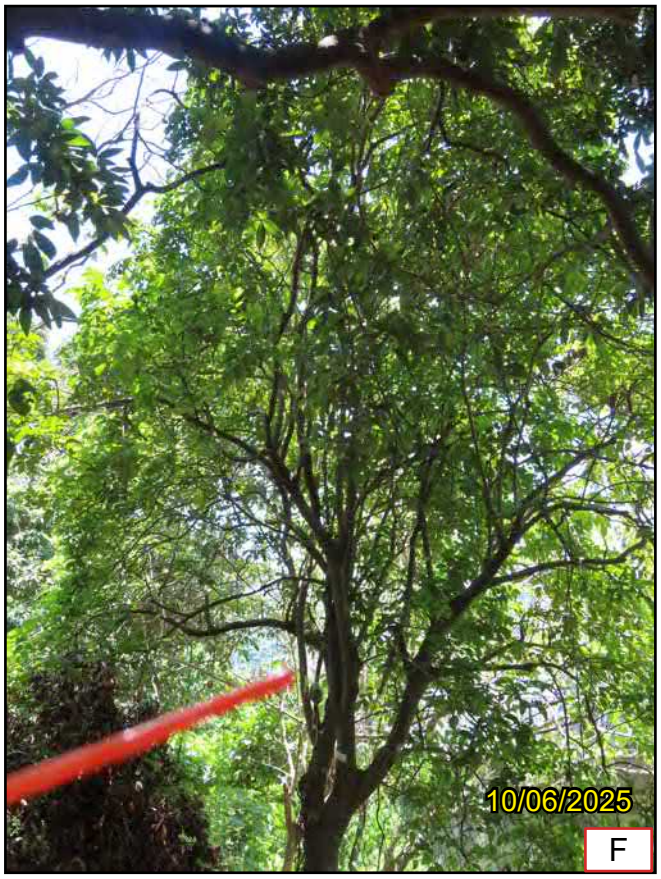
T155 (OVERALL)



T155 (BASE)



T155 (TRUNK)



T155 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS317		REV -

ADI



T156 (OVERALL)



T156 (BASE)



T156 (TRUNK)



T156 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS318		REV -

ADI



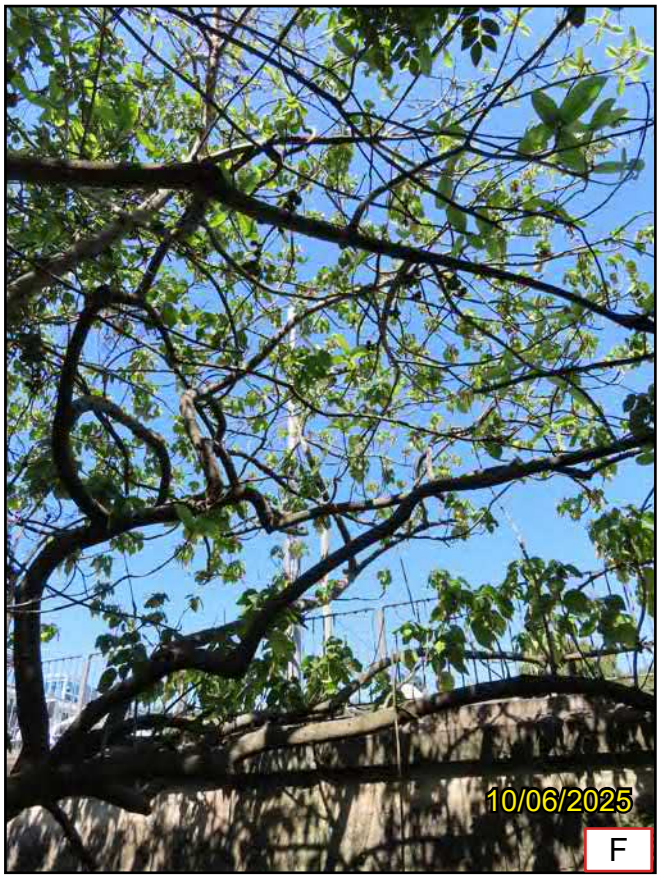
T157 (OVERALL)



T157 (BASE)



T157 (TRUNK)



T157 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS319	REV	-

ADI



T160 (OVERALL)



T160 (BASE)



T160 (TRUNK)



T160 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS320	REV	-

ADI



T160A (OVERALL)



T160A (BASE)



T160A (TRUNK)



T160A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS321		REV -

ADI



T161 (OVERALL)



T161 (BASE)



T161 (TRUNK)

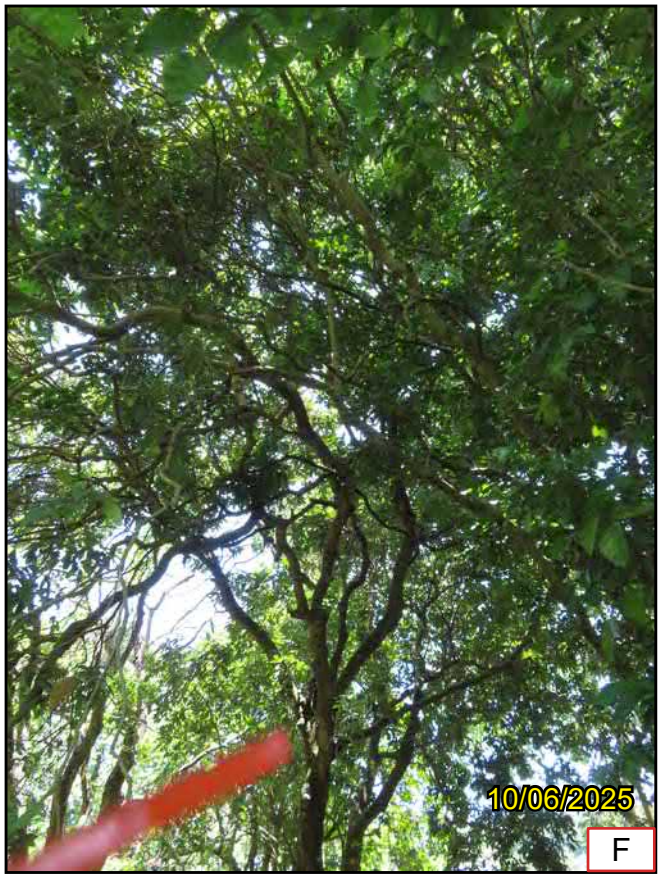


T161 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS322		REV -

ADI

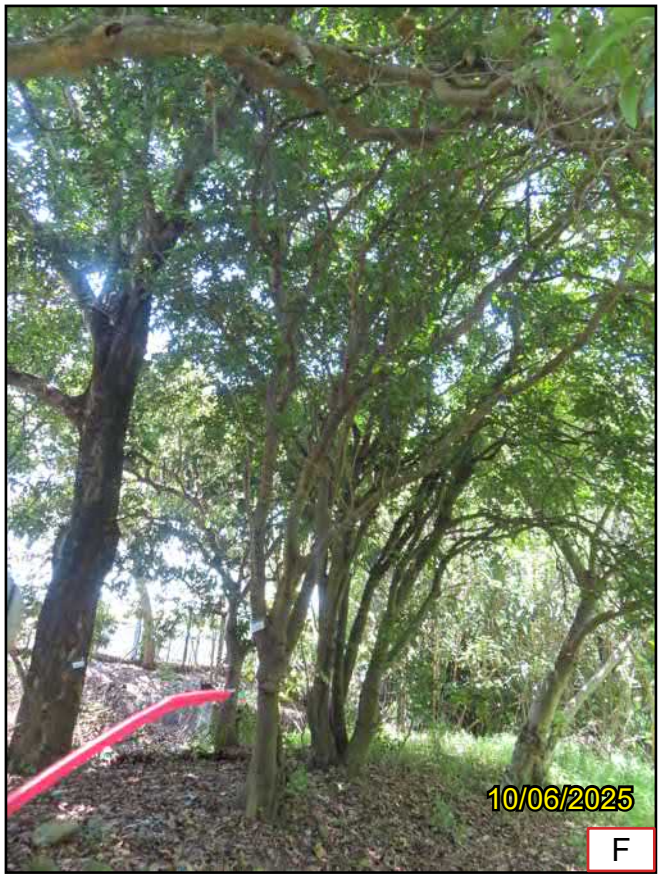


T161 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS323	REV	-

ADI



T162 (OVERALL)



T162 (BASE)



T162 (TRUNK)

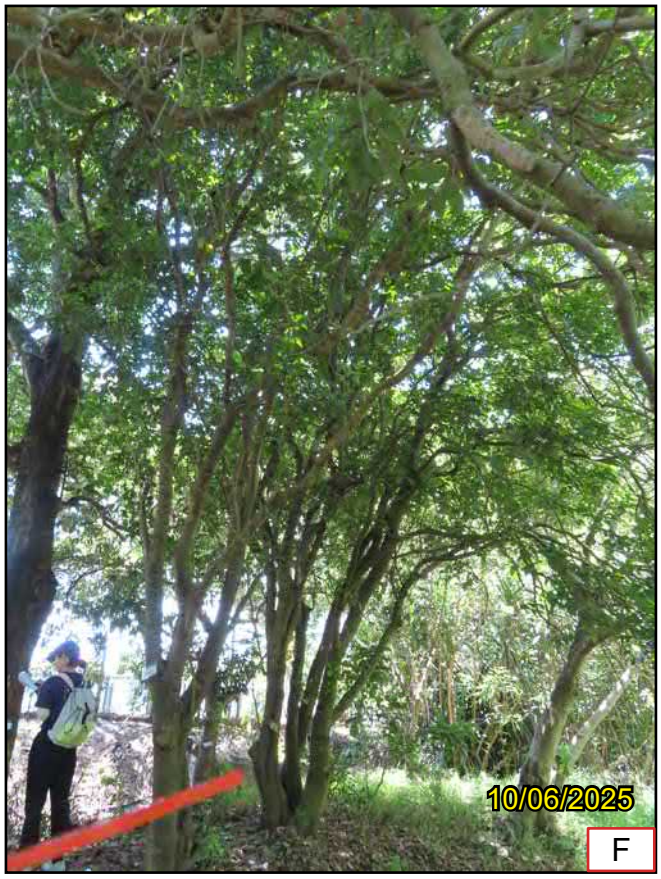


T162 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS324		REV -

ADI



T163 (OVERALL)



T163 (BASE)



T163 (TRUNK)



T163 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS325		REV -

ADI



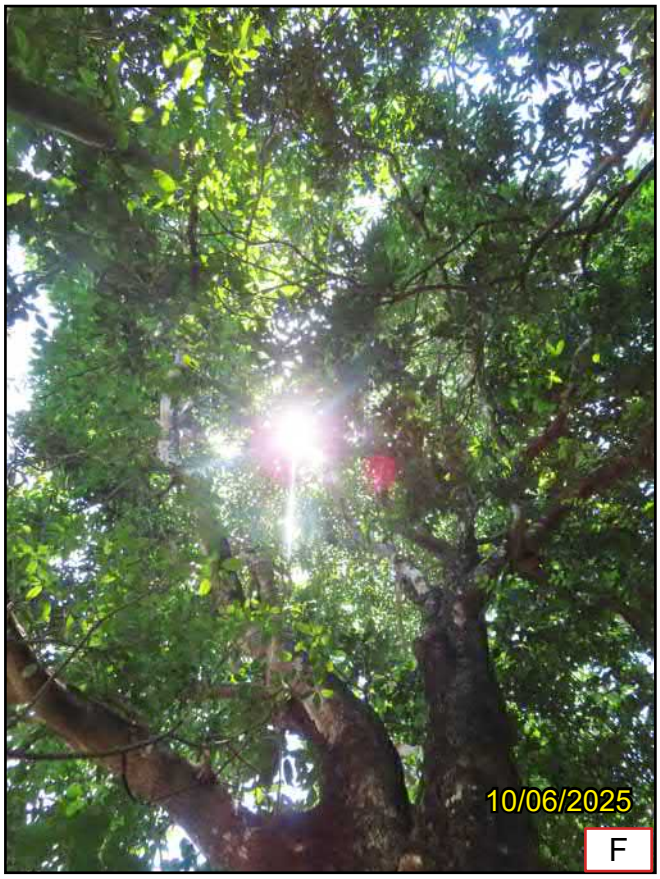
T164 (OVERALL)



T164 (BASE)



T164 (TRUNK)



T164 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS326	REV	-

ADI



T165 (OVERALL)



T165 (BASE)



T165 (TRUNK)



T165 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS327	REV	-

ADI



T166 (OVERALL)



T166 (BASE)



T166 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS328		REV -

ADI



T166 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS329		REV -

ADI



T167 (OVERALL)



T167 (BASE)



T167 (TRUNK)



T167 (CROWN)

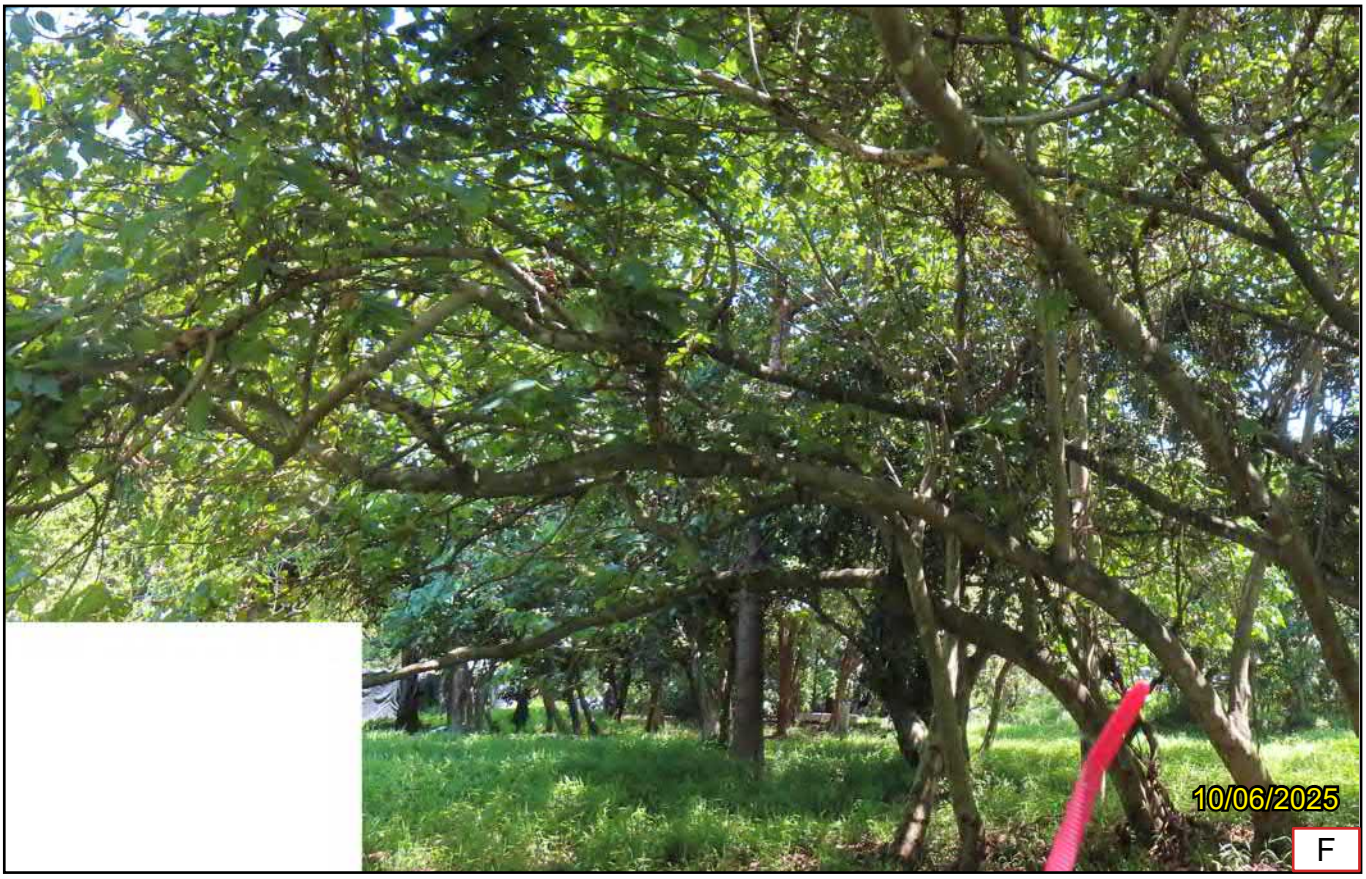
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS330	REV	-

ADI



T168 (OVERALL)



T168 (BASE)

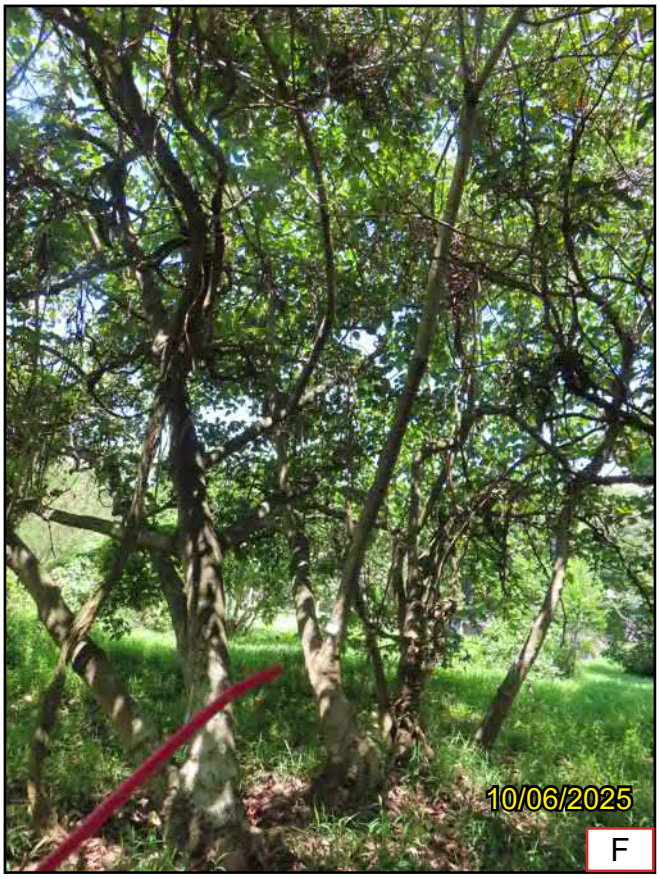


T168 (TRUNK1)

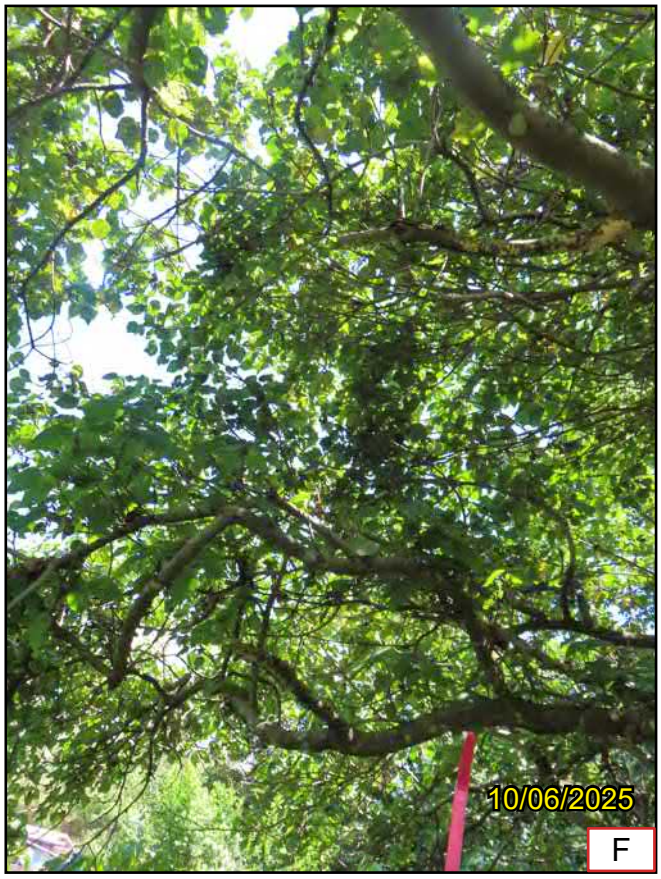
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS331		REV -

ADI



T168 (TRUNK2)



T168 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS332		REV -

ADI



T169 (OVERALL)



T169 (BASE)



T169 (TRUNK)



T169 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS333	REV	-

ADI



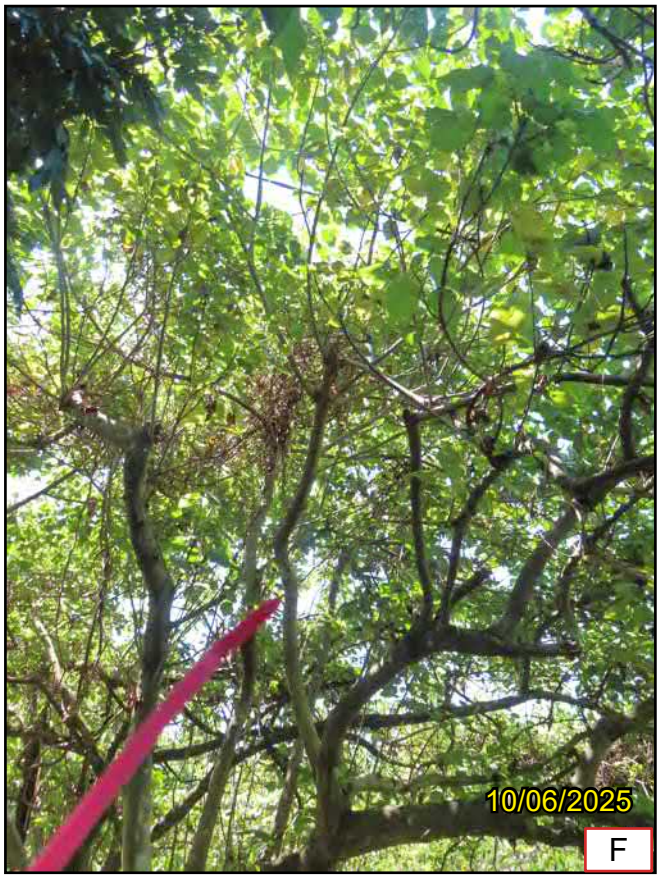
T170 (OVERALL)



T170 (BASE)



T170 (TRUNK)



T170 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS334	REV	-

ADI



T170A (OVERALL)



T170A (BASE)



T170A (TRUNK)



T170A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS335		REV -

ADI



T170B (OVERALL)



T170B (BASE)



T170B (TRUNK)



T170B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS336		REV -

ADI



T171 (OVERALL)



T171 (BASE)



T171 (TRUNK)



T171 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS337		REV -

ADI



T172 (OVERALL)



T172 (BASE)



T172 (TRUNK)



T172 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS338		REV -

ADI



T172 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS339	REV	-

ADI



T173 (OVERALL)



T173 (BASE)



T173 (TRUNK)



T173 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS340		REV -

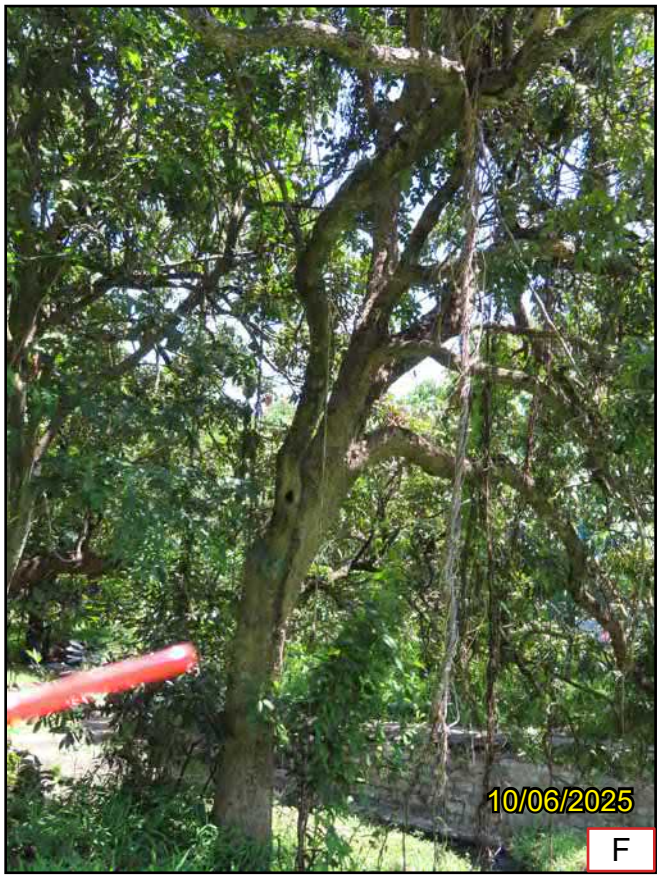
ADI



T175 (OVERALL)



T175 (BASE)



T175 (TRUNK)



T175 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS341		REV -

ADI



T176 (OVERALL)



T176 (BASE)



T176 (TRUNK)



T176 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS342		REV -

ADI



T177 (OVERALL)



T177 (BASE)



T177 (TRUNK)



T177 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS343	REV	-

ADI



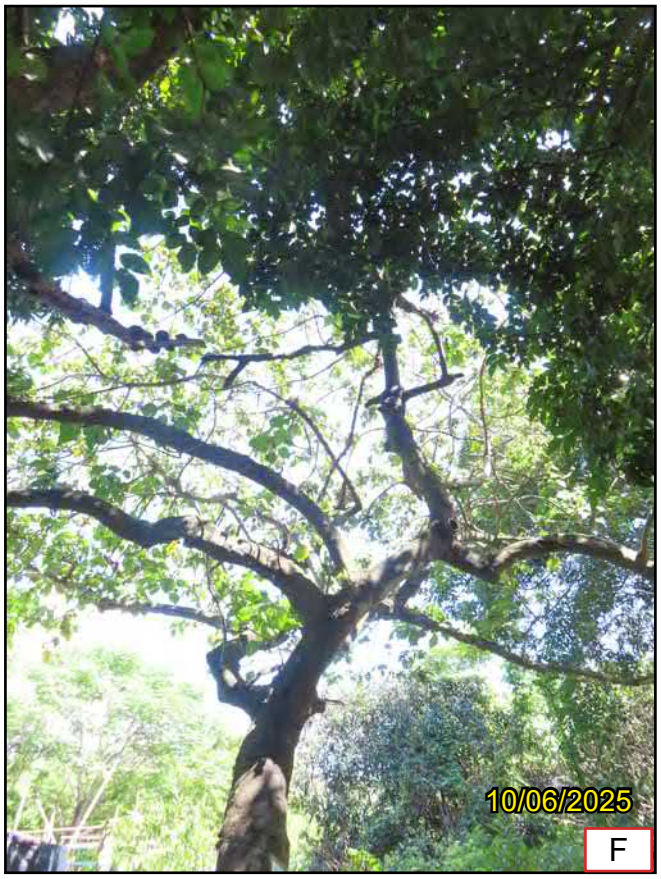
T178 (OVERALL)



T178 (BASE)



T178 (TRUNK)



T178 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS344		REV -

ADI



T179 (OVERALL)



T179 (BASE)



T179 (TRUNK)



T179 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS345		REV -

ADI



T180 (OVERALL)



T180 (BASE)



T180 (TRUNK)

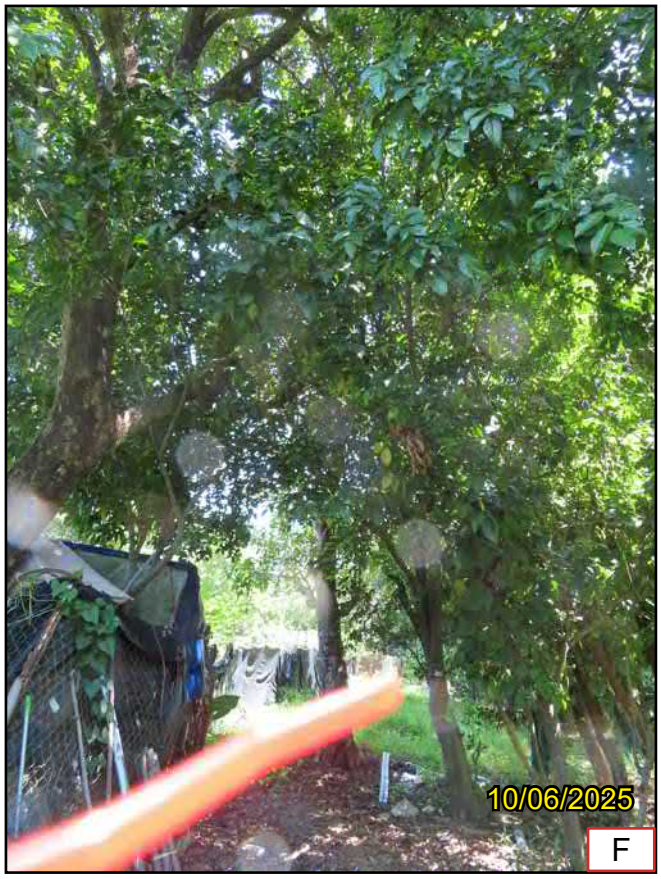


T180 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS346		REV -

ADI



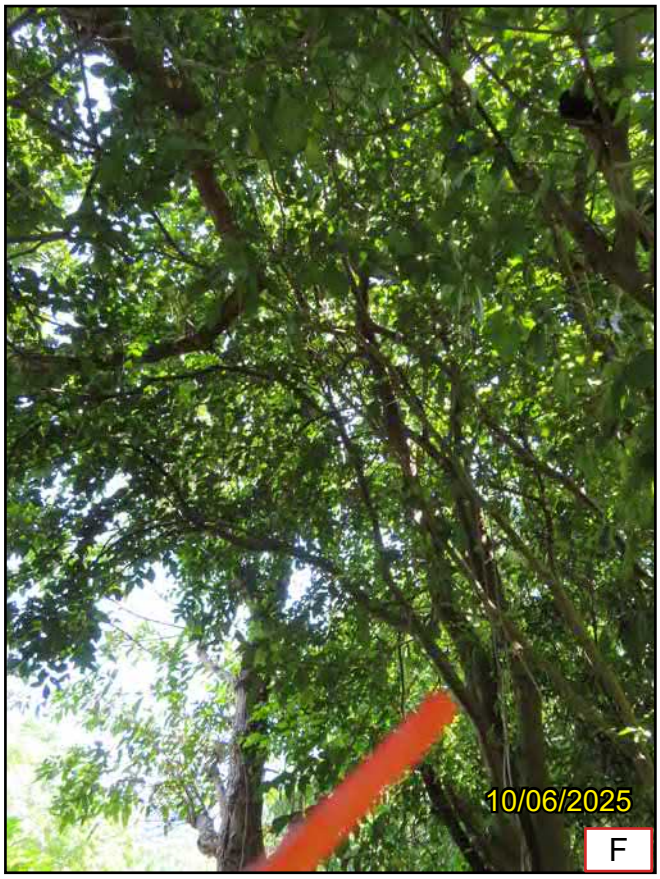
T181 (OVERALL)



T181 (BASE)



T181 (TRUNK)



T181 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS347	REV	-

ADI



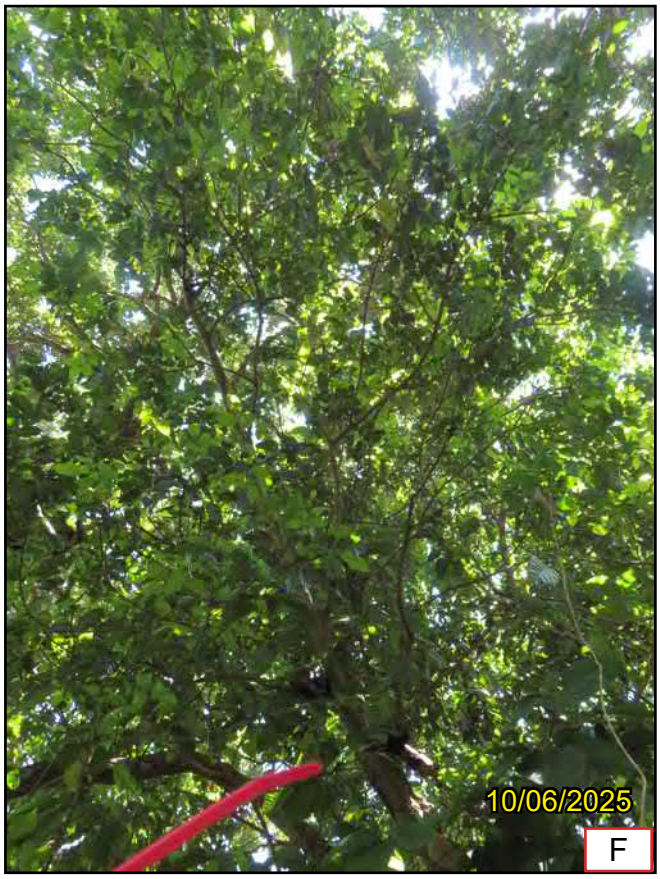
T182 (OVERALL)



T182 (BASE)



T182 (TRUNK)



T182 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS348		REV -

ADI



T183 (OVERALL)



T183 (BASE)



T183 (TRUNK)



T183 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS349	REV	-

ADI



T185 (OVERALL)



T185 (BASE)



T185 (TRUNK)



T185 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS350	REV	-

ADI



T186 (OVERALL)



T186 (BASE)



T186 (TRUNK)



T186 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS351	REV	-

ADI



T187 (OVERALL)



T187 (BASE)



T187 (TRUNK)



T187 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS352		REV -

ADI



T187 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS353	REV	-

ADI



T188 (OVERALL)



T188 (BASE)



T188 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS354	REV	-

ADI



T188 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS355		REV -

ADI



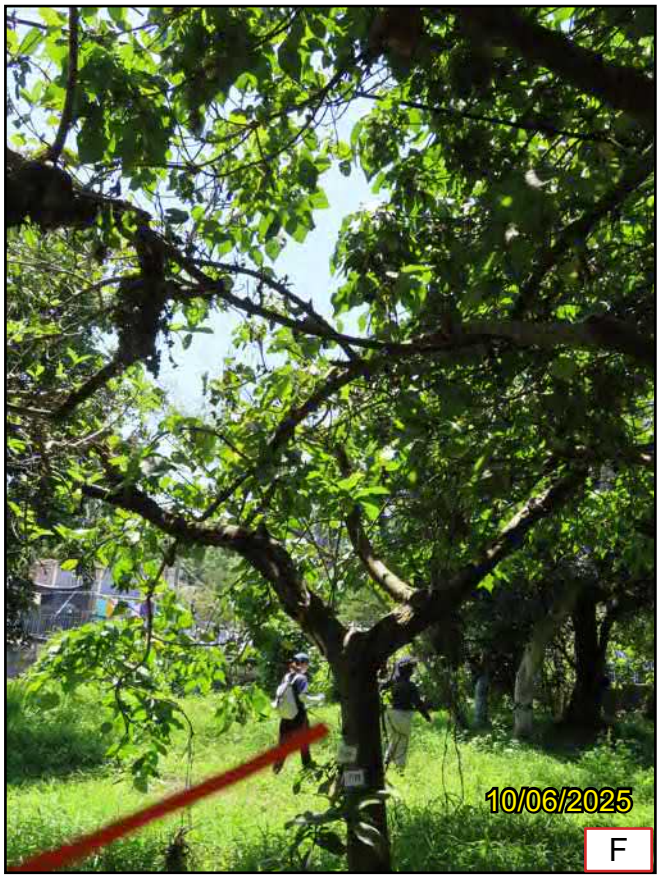
T189 (OVERALL)



T189 (BASE)



T189 (TRUNK)



T189 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS356		REV -

ADI



T190 (OVERALL)



T190 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS357		REV -

ADI



T190 (BASE)



T190 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS358		REV -

ADI



T191 (OVERALL)



T191 (BASE)



T191 (TRUNK)

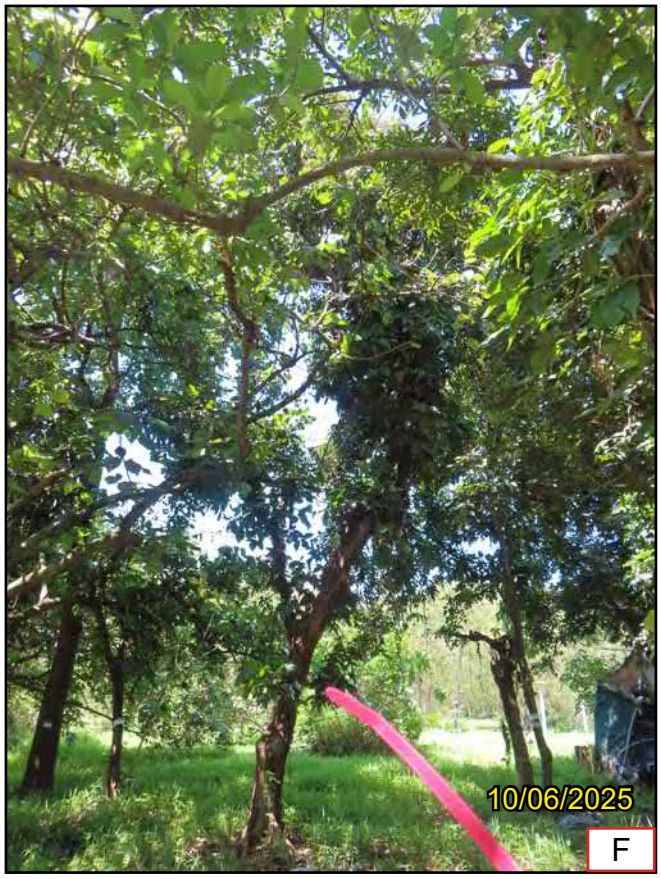


T191 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS359	REV	-

ADI



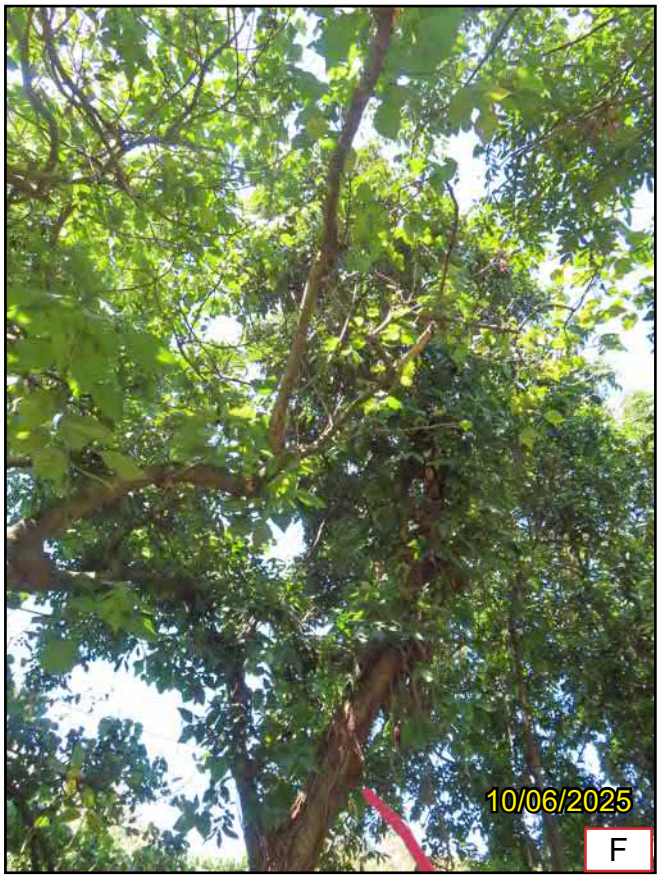
T192 (OVERALL)



T192 (BASE)



T192 (TRUNK)



T192 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS360		REV -

ADI



T193 (OVERALL)



T193 (BASE)



T193 (TRUNK)



T193 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS361		REV -

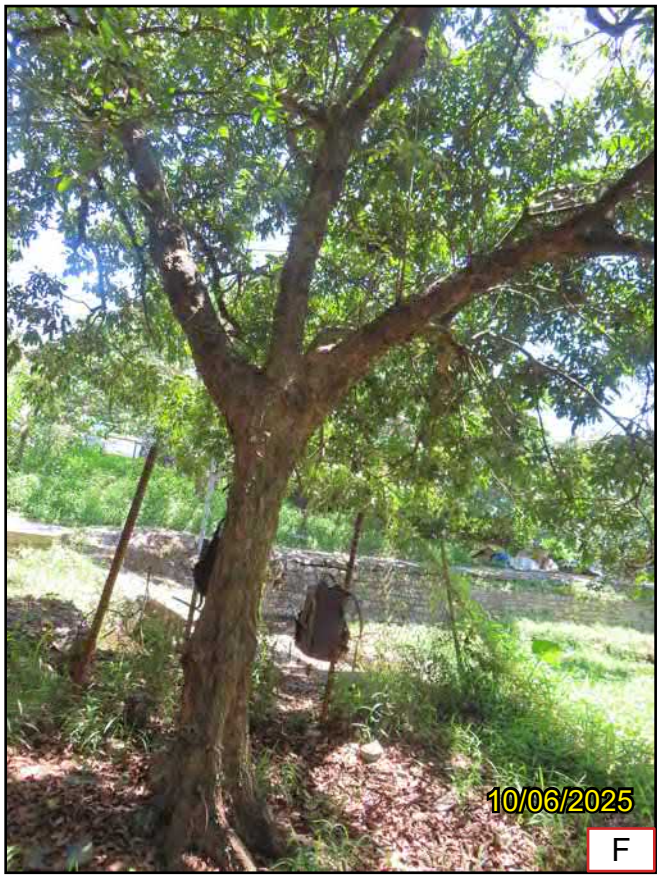
ADI



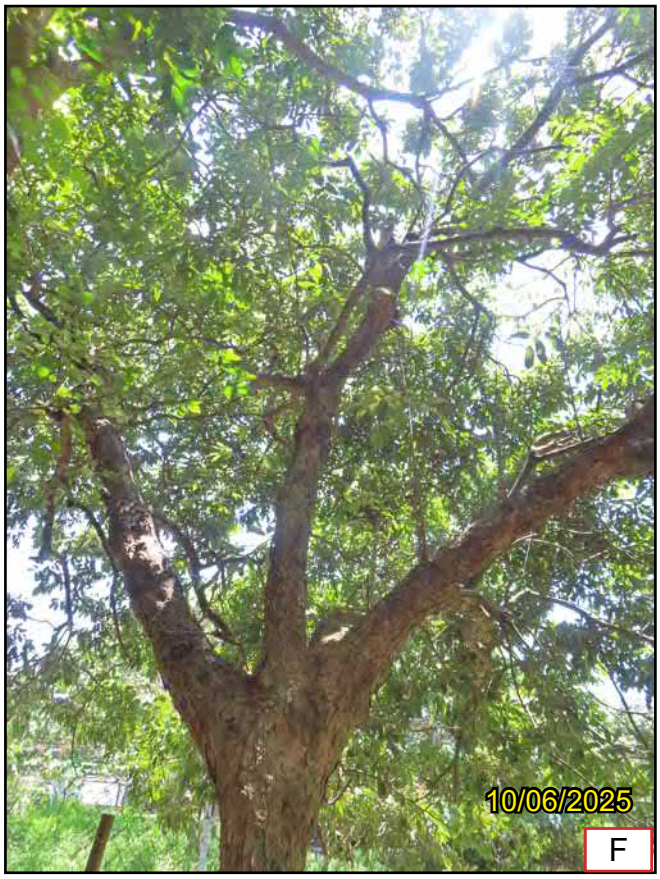
T194 (OVERALL)



T194 (BASE)



T194 (TRUNK)



T194 (CROWN 1)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS362		REV -

ADI

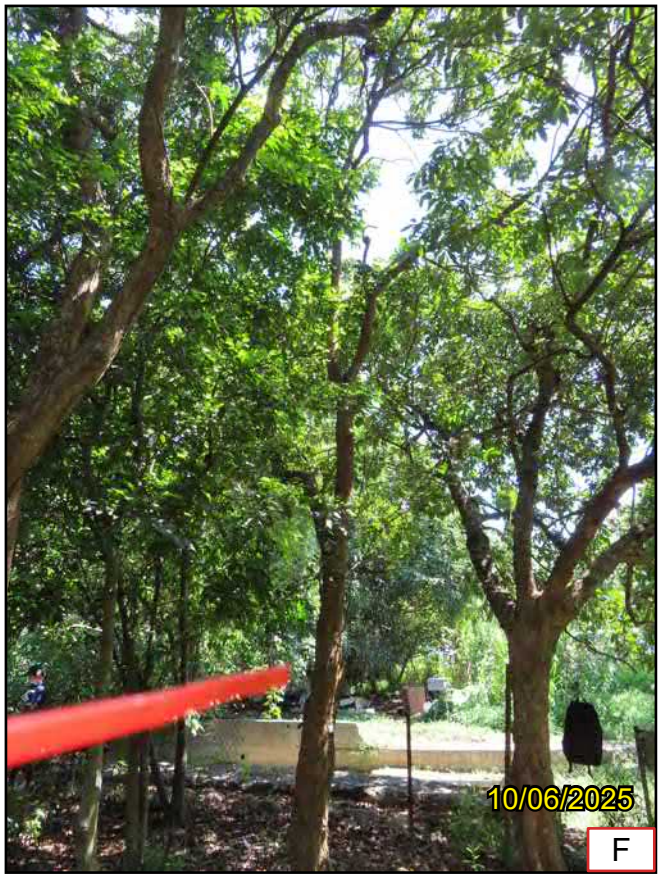


T194 (CROWN 2)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS363		REV -

ADI



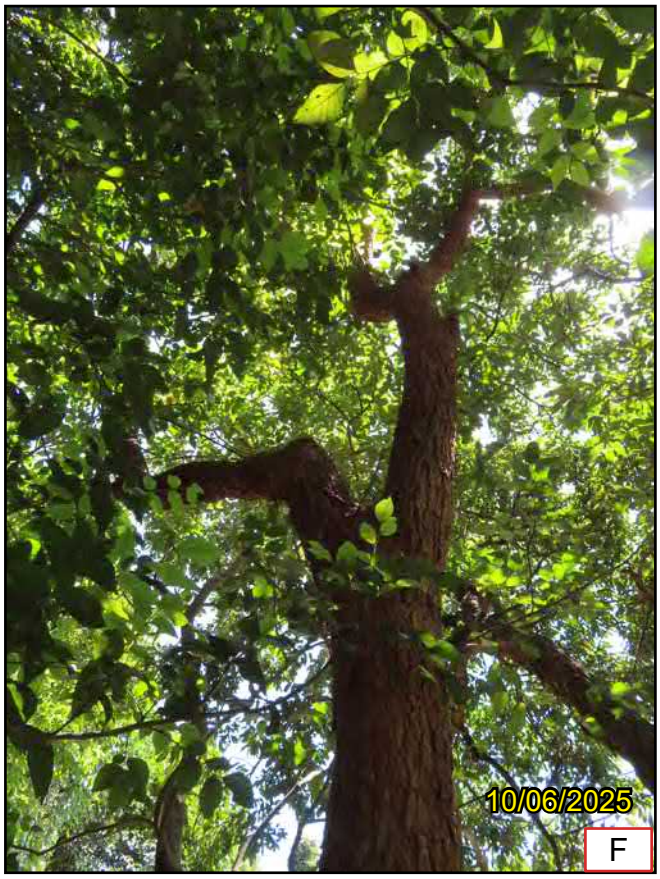
T195 (OVERALL)



T195 (BASE)



T195 (TRUNK)



T195 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS364	REV	-

ADI



T196 (OVERALL)



T196 (BASE)



T196 (TRUNK)



T196 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS365	REV	-

ADI



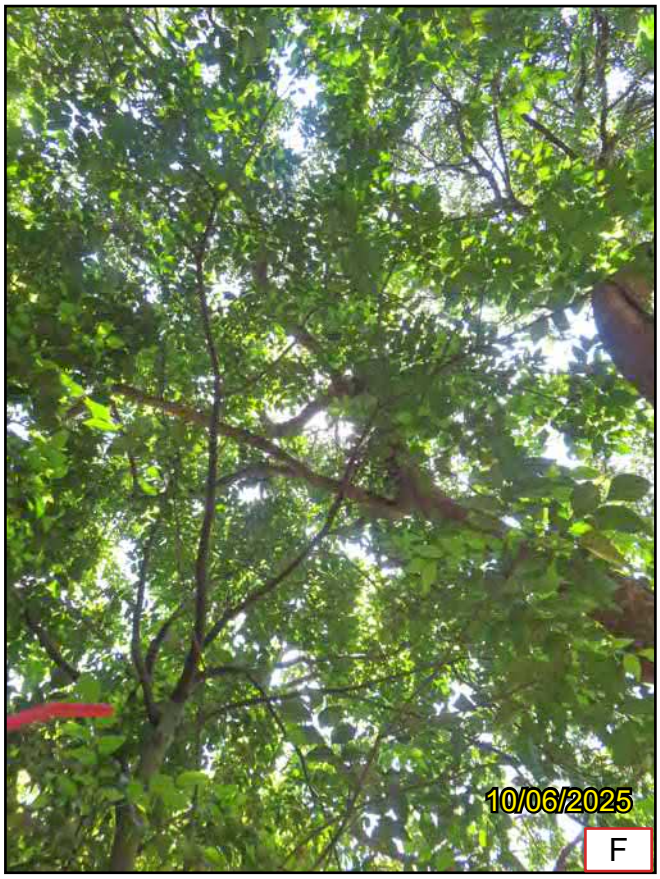
T196A (OVERALL)



T196A (BASE)



T196A (TRUNK)



T196A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS366	REV	-

ADI



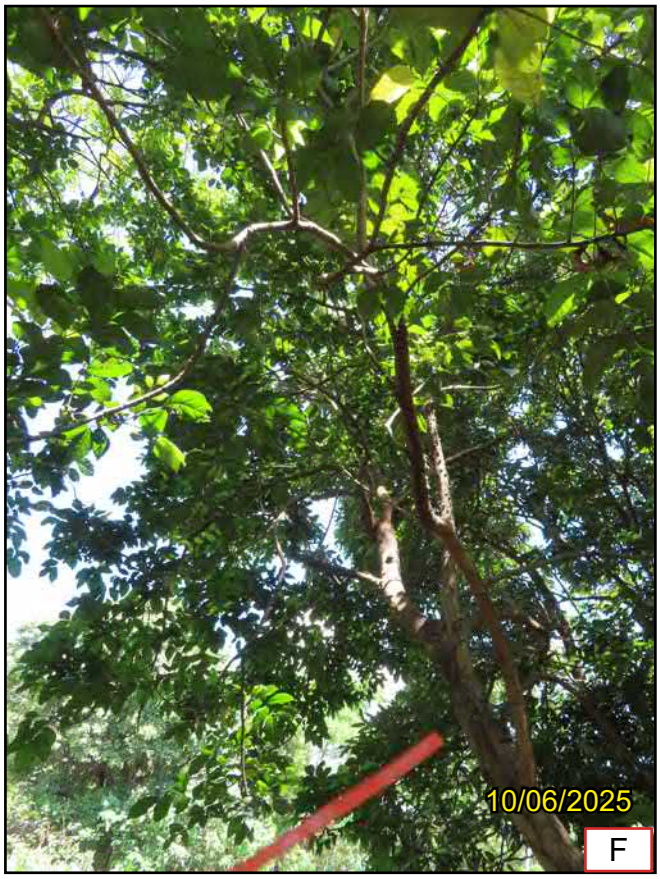
T197 (OVERALL)



T197 (BASE)



T197 (TRUNK)



T197 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS367		REV -

ADI



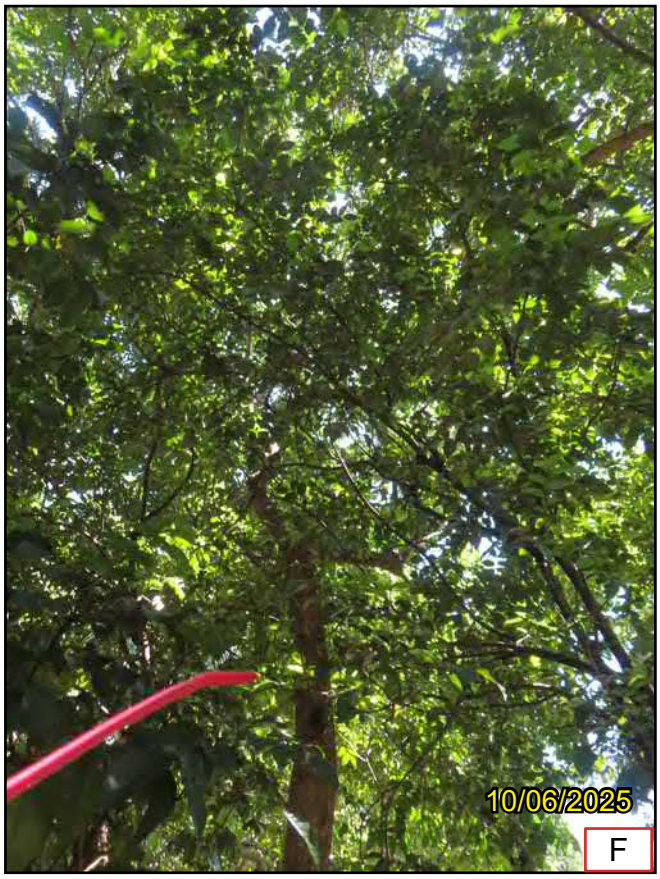
T198 (OVERALL)



T198 (BASE)



T198 (TRUNK)



T198 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS368	REV	-

ADI



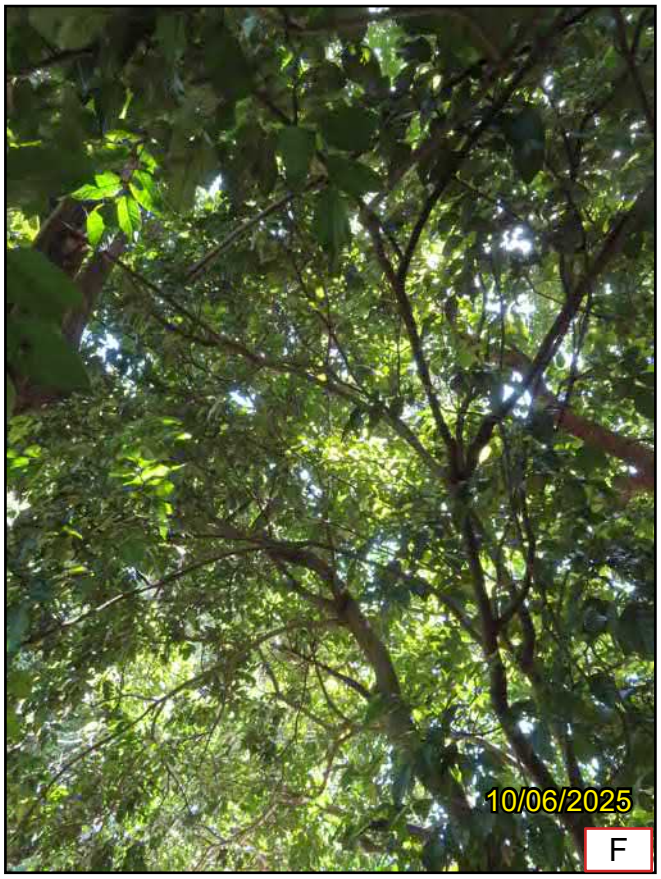
T199 (OVERALL)



T199 (BASE)



T199 (TRUNK)



T199 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS369		REV -

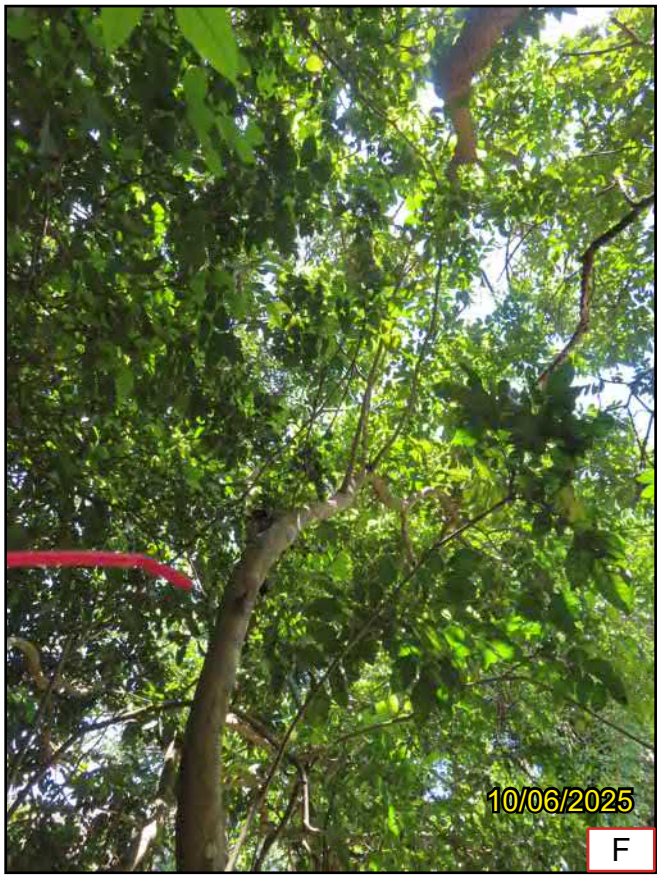
ADI



T200 (OVERALL)



T200 (BASE)



T200 (TRUNK)



T200 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS370		REV -

ADI



T203 (OVERALL)



T203 (BASE)



T203 (TRUNK)



T203 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS371	REV	-

ADI



T203A (OVERALL)



T203A (BASE)



T203A (TRUNK)



T203A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS372		REV -

ADI



T203B (OVERALL)



T203B (BASE)



T203B (TRUNK)



T203B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS373		REV -

ADI



T203C (OVERALL)



T203C (BASE)



T203C (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS374	REV	-

ADI



T203C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS375		REV -

ADI



T203D (OVERALL)



T203D (BASE)



T203D (TRUNK)

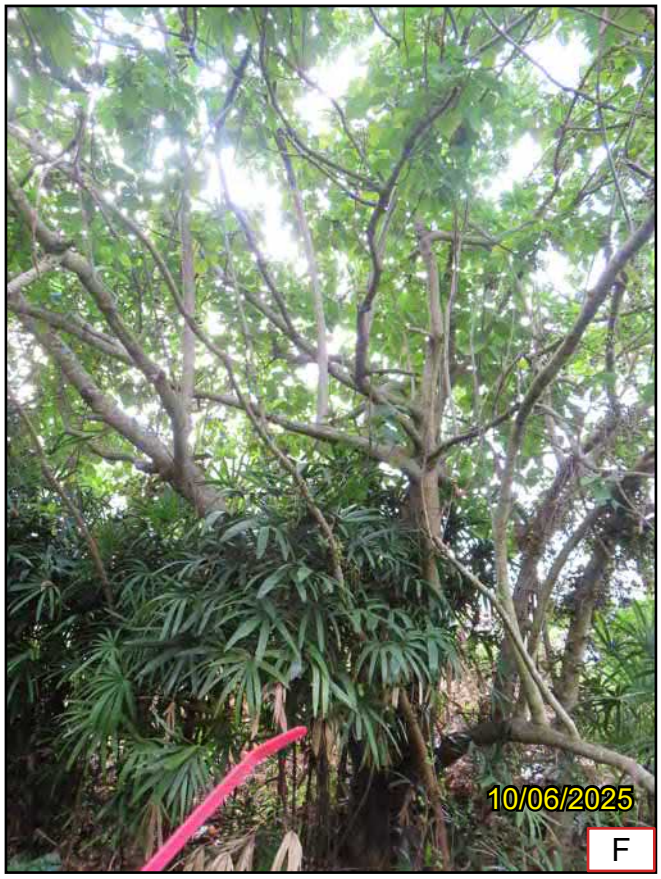


T203D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS376		REV -

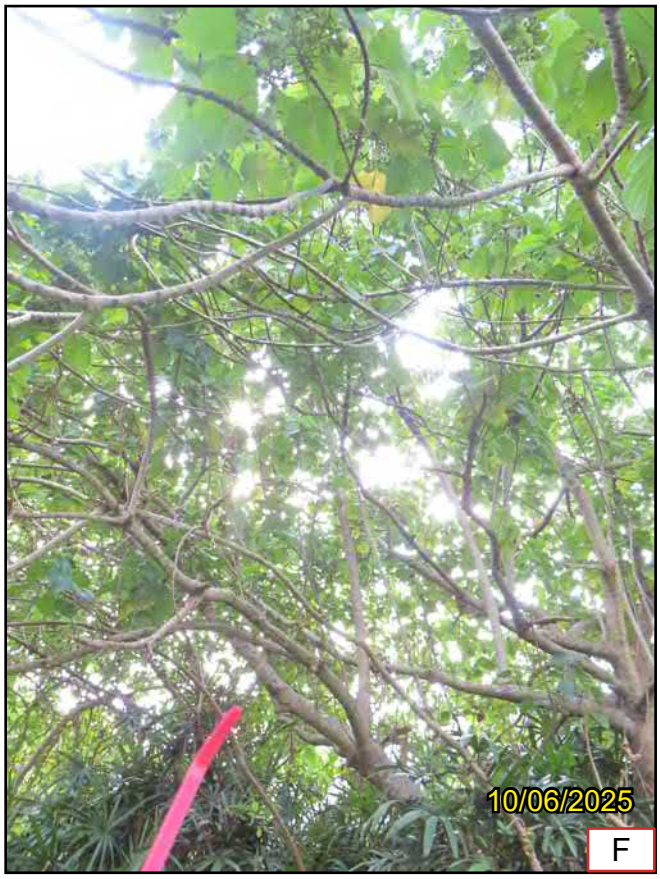
ADI



T205 (OVERALL)



T205 (BASE)



T205 (TRUNK)



T205 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS377		REV -

ADI



T206 (OVERALL)



T206 (BASE)



T206 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS378		REV -

ADI



T206 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS379		REV -

ADI



T207 (OVERALL)



T207 (BASE)



T207 (TRUNK)

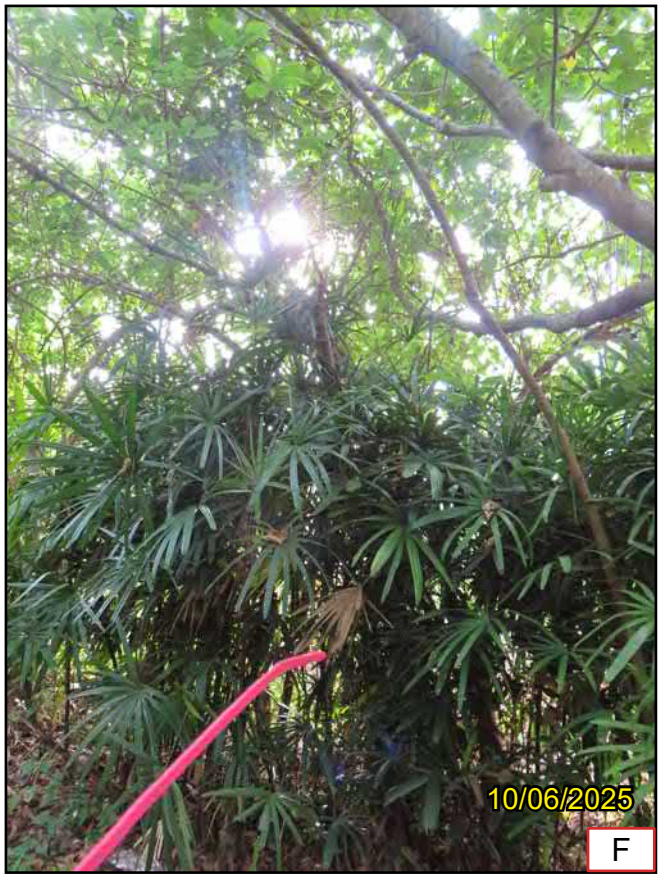


T207 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS380		REV -

ADI



T208 (OVERALL)



T208 (BASE)

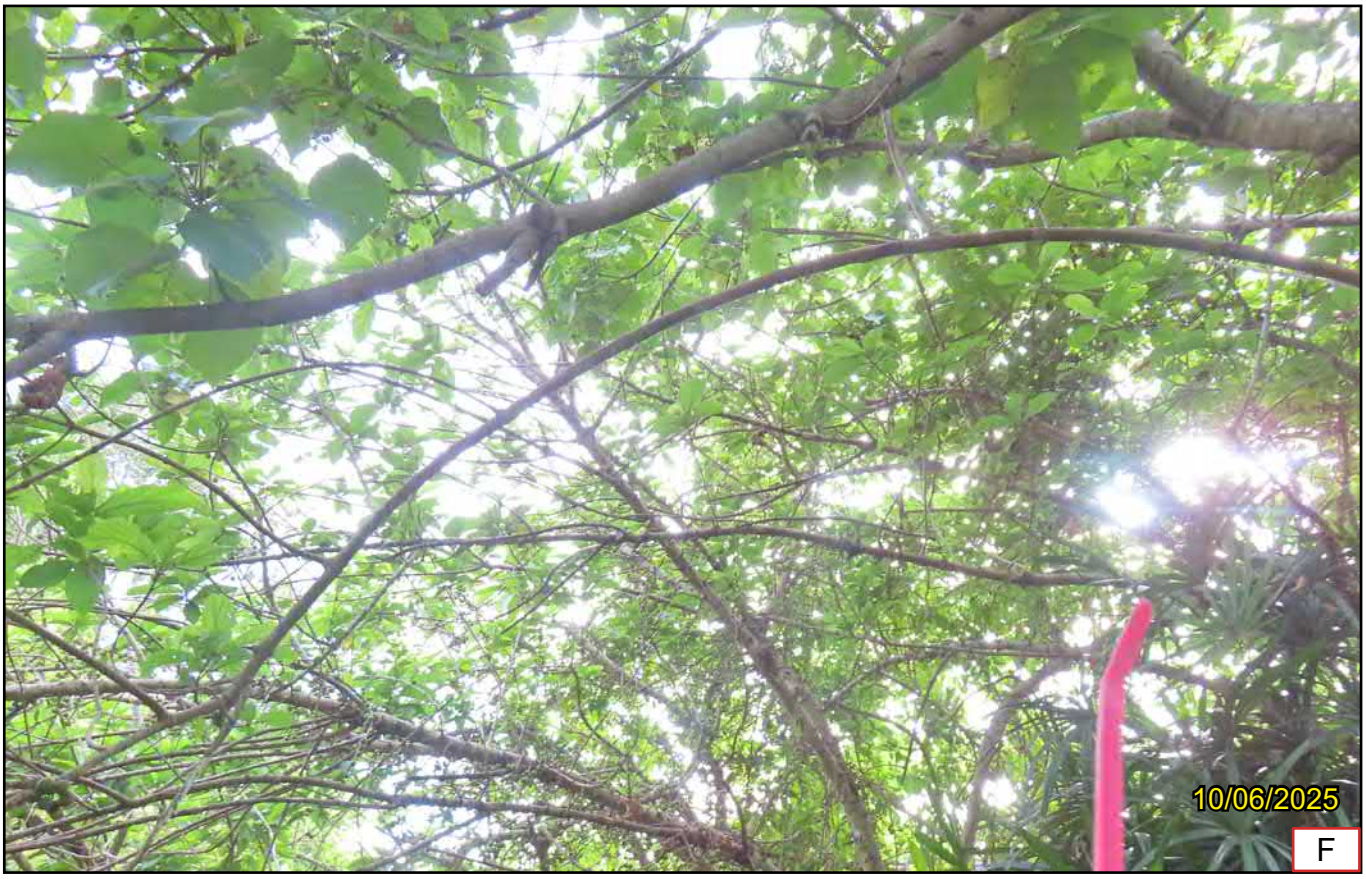


T208 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS381		REV -

ADI



T208 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS382		REV -

ADI



T209 (OVERALL)



T209 (BASE)



T209 (TRUNK 1)



T209 (TRUNK 2)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS383		REV -

ADI



T209 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS384		REV -

ADI



T210 (OVERALL)



T210 (BASE)



T210 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS385	REV	-

ADI



T210 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS386		REV -

ADI



T212 (OVERALL)



T212 (BASE)



T212 (TRUNK)



T212 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS387	REV	-

ADI



T212 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS388	REV	-

ADI



T213 (OVERALL)



T213 (BASE)



T213 (TRUNK)



T213 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS389		REV -

ADI



T215 (OVERALL)



T215 (BASE)



T215 (TRUNK)



T215 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS390	REV	-

ADI



T215A (OVERALL)



T215A (BASE)



T215A (TRUNK)



T215A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS391		REV -

ADI



T216 (OVERALL)



T216 (BASE)



T216 (TRUNK)



T216 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS392	REV	-

ADI



T216A (OVERALL)



T216A (BASE)



T216A (TRUNK)



T216A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS393		REV -

ADI



T217 (OVERALL)



T217 (BASE)



T217 (TRUNK)



T217 (DEFECT 1)

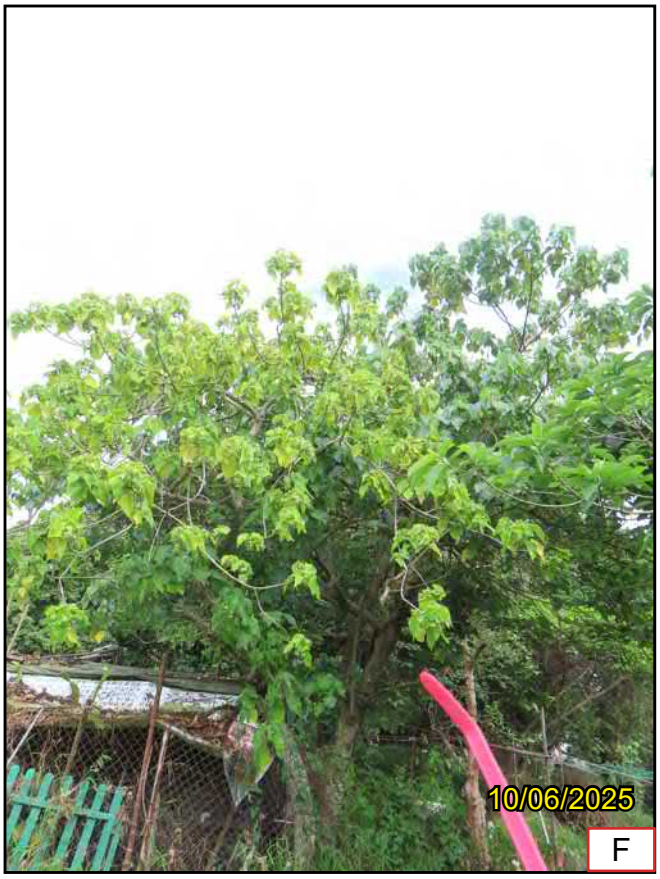
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS394	REV	-

ADI



T217 (DEFECT 2)



T217 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS395	REV	-

ADI



T219 (OVERALL)



T219 (BASE)



T219 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS396		REV -

ADI



T219 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS397		REV -

ADI



T220 (OVERALL)



T220 (BASE)



T220 (TRUNK)



T220 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS398		REV -

ADI



T220 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS399	REV	-

ADI



T220A (OVERALL)



T220A (BASE)



T220A (TRUNK)



T220A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS400		REV -

ADI



T221 (OVERALL)



T221 (BASE)



T221 (TRUNK)



T221 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS401	REV	-

ADI



T221 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS402		REV -

ADI



T222 (OVERALL)



T222 (BASE)



T222 (TRUNK)

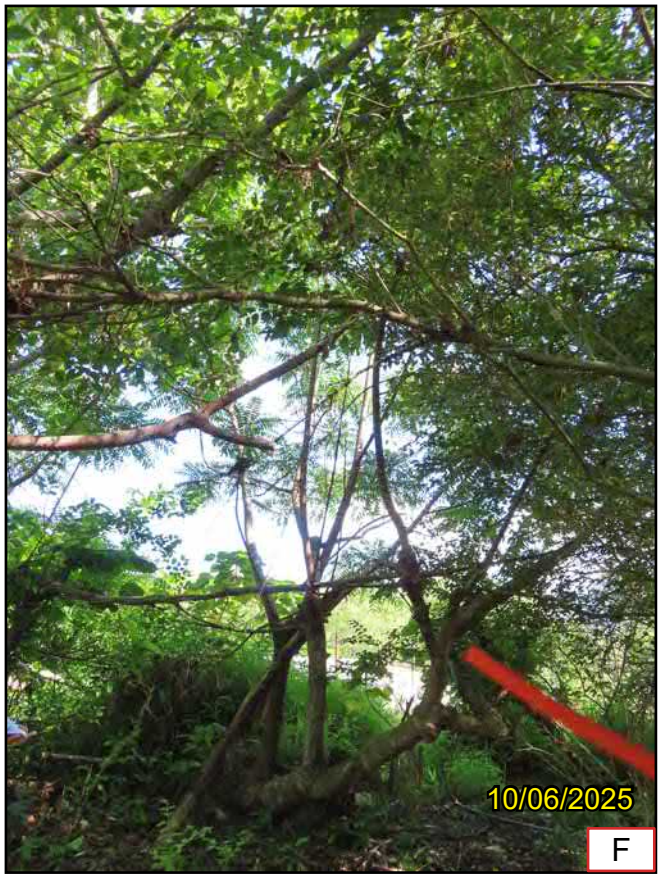


T222 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS403	REV	-

ADI



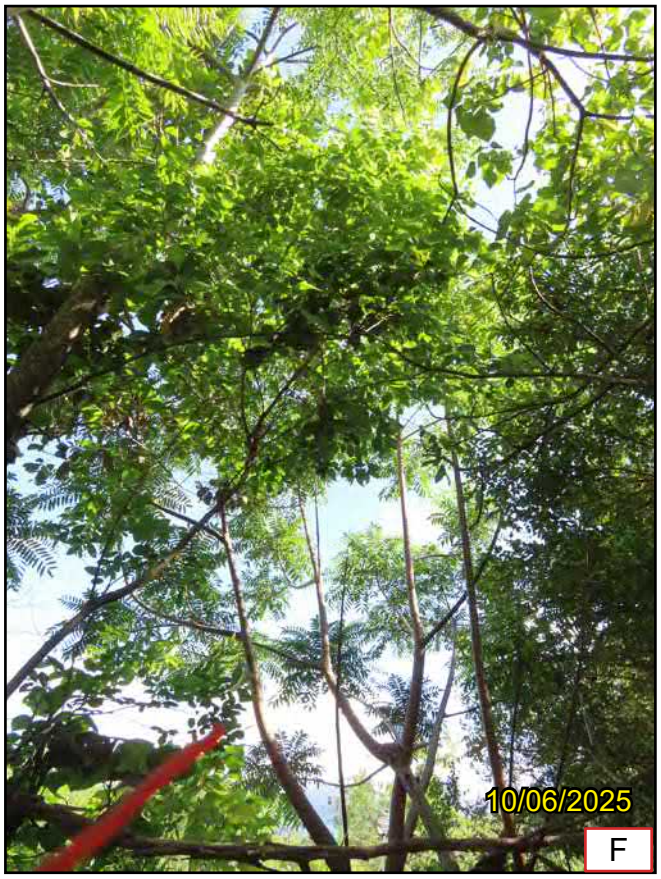
T223 (OVERALL)



T223 (BASE)



T223 (TRUNK)



T223 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS404		REV -

ADI



T223A (OVERALL)



T223A (BASE)



T223A (TRUNK)



T223A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS405		REV -

ADI



T224 (OVERALL)



T224 (BASE)



T224 (TRUNK)



T224 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS406		REV -

ADI



T225 (OVERALL)



T225 (BASE)



T225 (TRUNK)



T225 (DEFECT 1)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS407		REV -

ADI



T225 (DEFECT 2)



T225 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS408		REV -

ADI



T225A (OVERALL)



T225A (BASE)



T225A (TRUNK)



T225A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS409		REV -

ADI



T226 (OVERALL)



T226 (BASE)



T226 (TRUNK)



T226 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS410		REV -

ADI



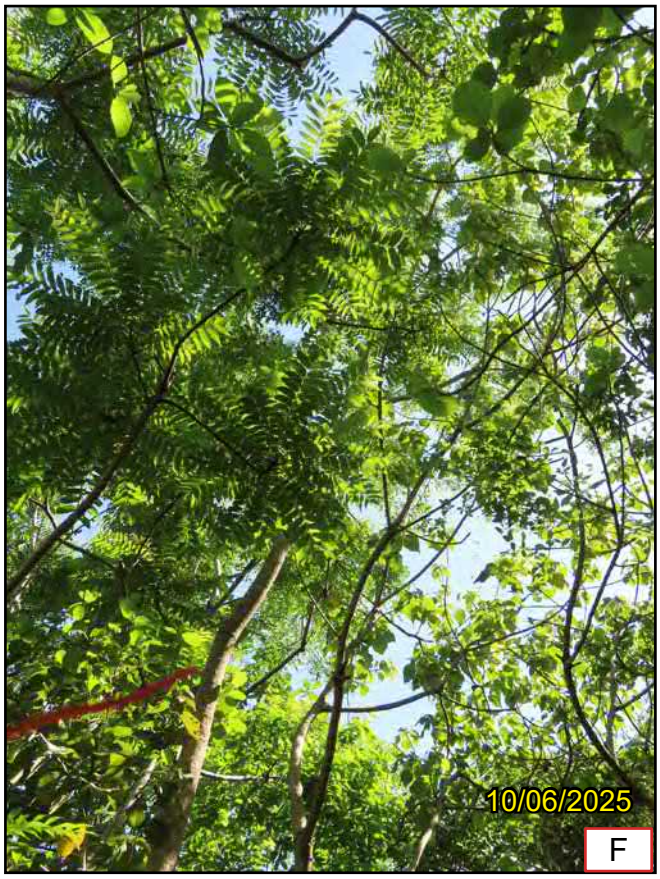
T226A (OVERALL)



T226A (BASE)



T226A (TRUNK)



T226A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS411		REV -

ADI



T227 (OVERALL)



T227 (BASE)



T227 (TRUNK)

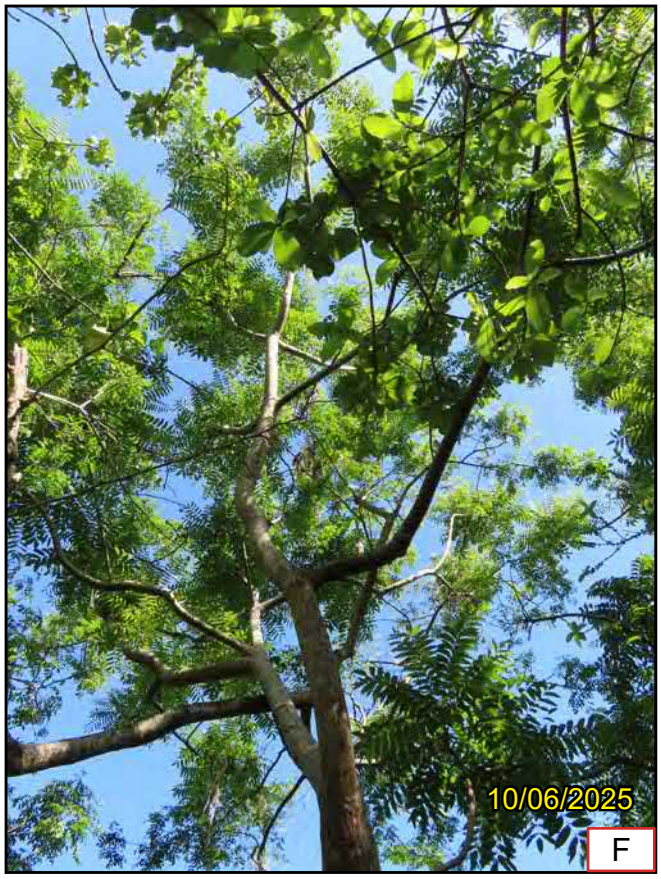


T227 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS412		REV -

ADI



T227 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS413	REV	-

ADI



T227A (OVERALL)



T227A (BASE)



T227A (TRUNK)



T227A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS414		REV -

ADI



T228 (OVERALL)



T228 (BASE)



T228 (TRUNK)



T228 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS415		REV -

ADI



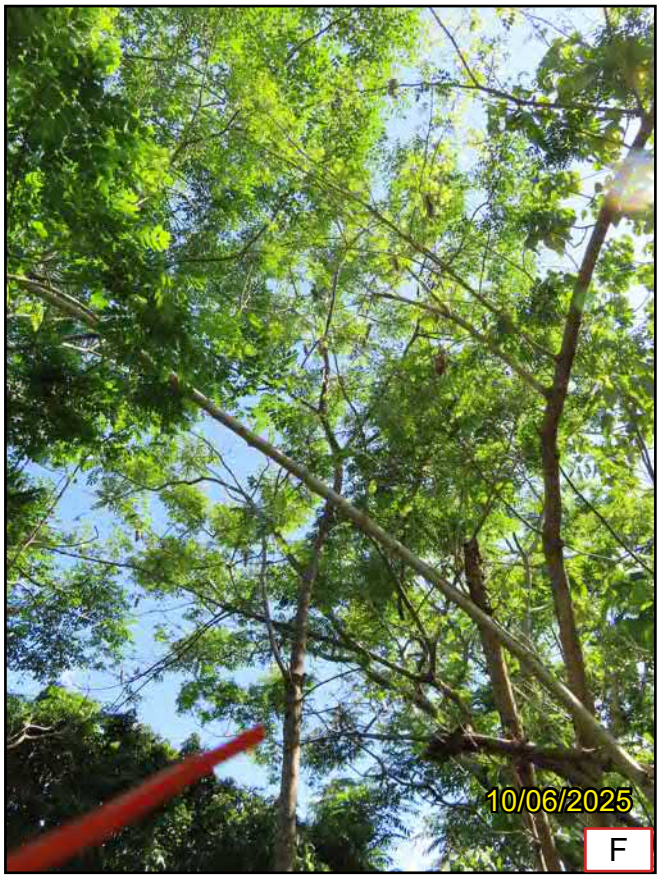
T228A (OVERALL)



T228A (BASE)



T228A (TRUNK)



T228A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS416		REV -

ADI



T229 (OVERALL)



T229 (BASE)



T229 (TRUNK)



T229 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS417		REV -

ADI



T230 (OVERALL)



T230 (BASE)



T230 (TRUNK)



T230(CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS418		REV -

ADI



T231 (OVERALL)



T231 (BASE)



T231 (TRUNK)



T231 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS419		REV -

ADI



T231A (OVERALL)



T231A (BASE)



T231A (TRUNK)



T231A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS420	REV	-

ADI



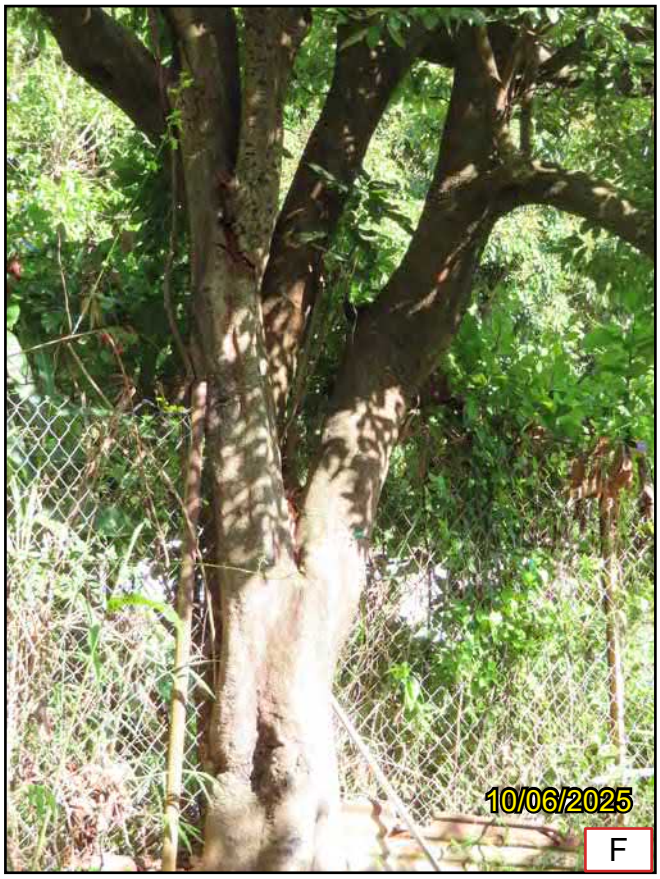
T231D (OVERALL)



T231D (BASE)



T231D (TRUNK 1)



T231D (TRUNK 2)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS421		REV -

ADI



T231D (CROWN)

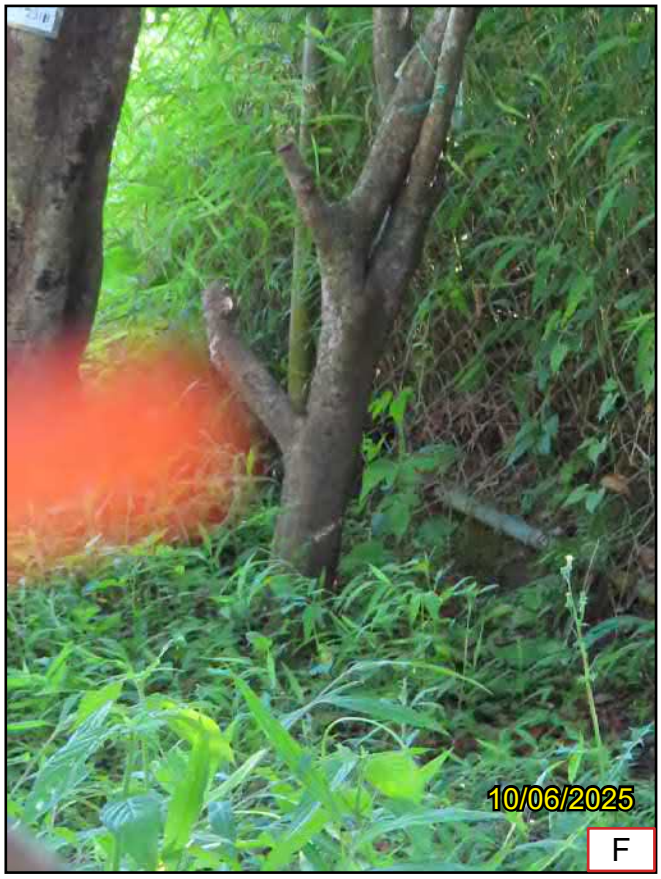
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS422		REV -

ADI



T231F (OVERALL)



T231F (BASE)



T231F (TRUNK)



T231F (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS423	REV	-

ADI



T232 (OVERALL)



T232 (BASE)



T232 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS424		REV -

ADI



T232 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS425		REV -

ADI



T232A (OVERALL)



T232A (BASE)



T232A (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS426		REV -

ADI



T232A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS427		REV -

ADI



T233 (OVERALL)



T233 (BASE)



T233 (TRUNK)



T233 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS428		REV -

ADI



T233 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS429	REV	-

ADI



T234 (OVERALL)



T234 (BASE)



T234 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I - Residential)	FIGURE NO.	CKPL58A - TS430		REV -

ADI



T234 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS431		REV -

ADI



T234A (OVERALL)



T234A (BASE)



T234A (TRUNK)



T234A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS432		REV -

ADI



T234B (OVERALL)



T234B (BASE)



T234B (TRUNK)



T234B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS433		REV -

ADI



T235 (OVERALL)



T235 (BASE)



T235 (TRUNK)



T235 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS434	REV	-

ADI



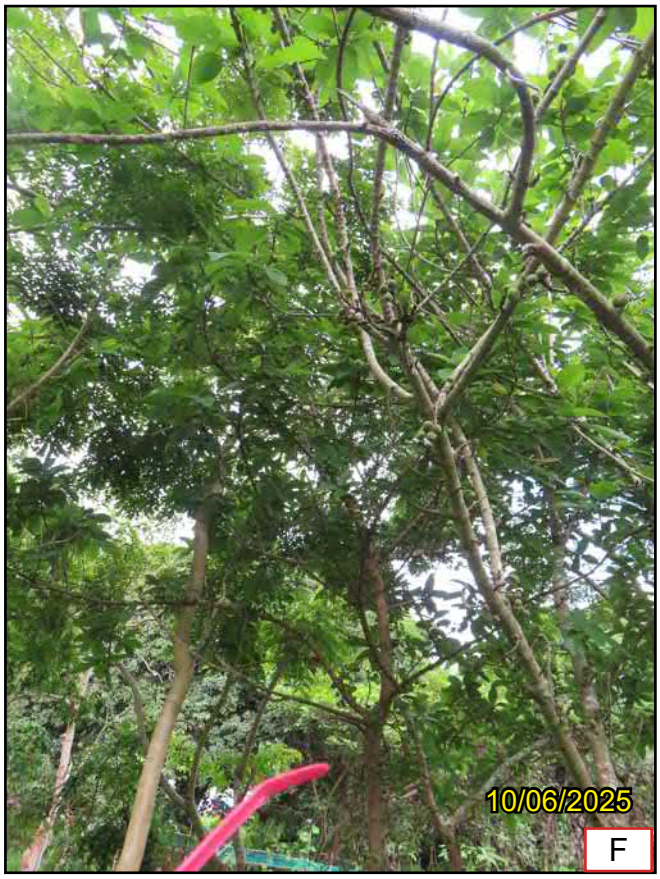
T235A (OVERALL)



T235A (BASE)



T235A (TRUNK)



T235A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS435		REV -

ADI



T236 (OVERALL)



T236 (BASE)



T236 (TRUNK)



T236 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS436		REV -

ADI



T237 (OVERALL)



T237 (BASE)



T237 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS437		REV -

ADI



T237 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS438		REV -

ADI



T237A (OVERALL)



T237A (BASE)



T237A (TRUNK)



T237A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS439	REV	-

ADI



T238 (OVERALL)



T238 (BASE)



T238 (TRUNK)



T238 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS440		REV -

ADI



T238A (OVERALL)



T238A (BASE)



T238A (TRUNK)



T238A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS441		REV -

ADI



T239 (OVERALL)



T239 (BASE)



T239 (TRUNK)



T239 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS442	REV	-

ADI



T240 (OVERALL)



T240 (BASE)



T240 (TRUNK)



T240 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS443	REV	-

ADI



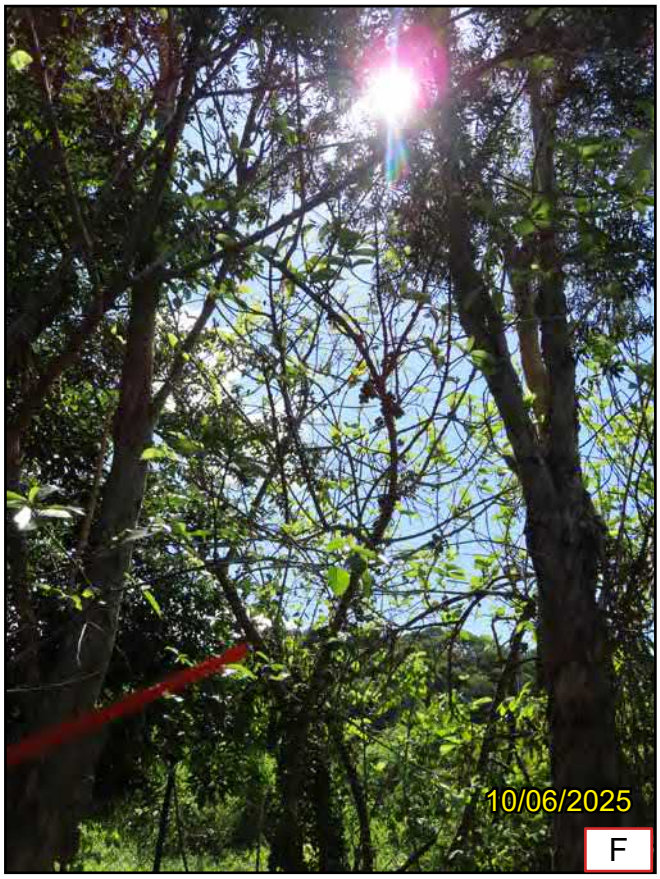
T241 (OVERALL)



T241 (BASE)



T241 (TRUNK)



T241 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS444		REV -

ADI



T242 (OVERALL)



T242 (BASE)



T242 (TRUNK)



T242 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS445		REV -

ADI



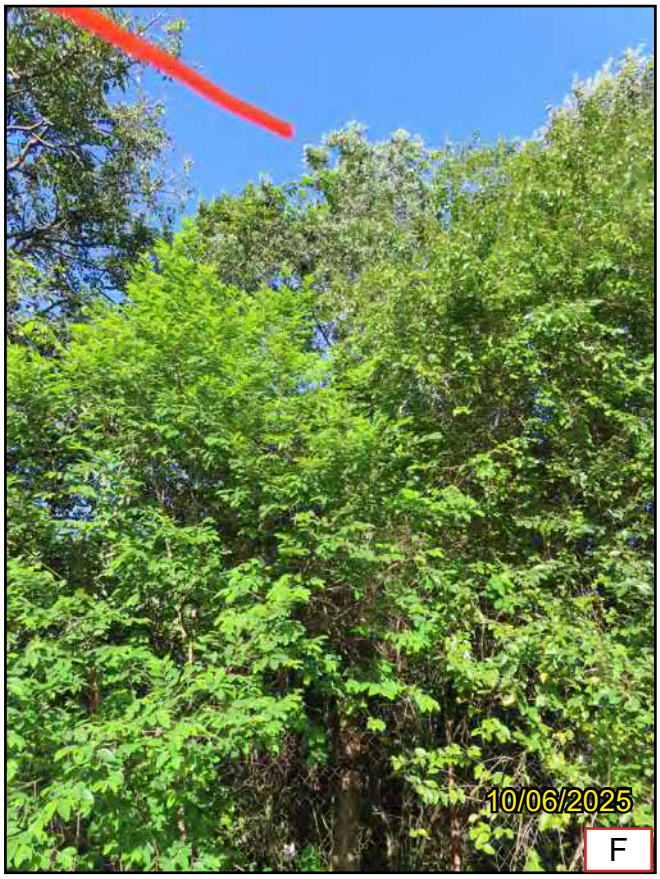
T243 (OVERALL)



T243 (BASE)



T243 (TRUNK)



T243 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS446	REV	-

ADI



T244 (OVERALL)



T244 (BASE)



T244 (TRUNK)



T244 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS447	REV	-

ADI



T244A (OVERALL)



T244A (BASE)



T244A (TRUNK)



T244A (CROWN)

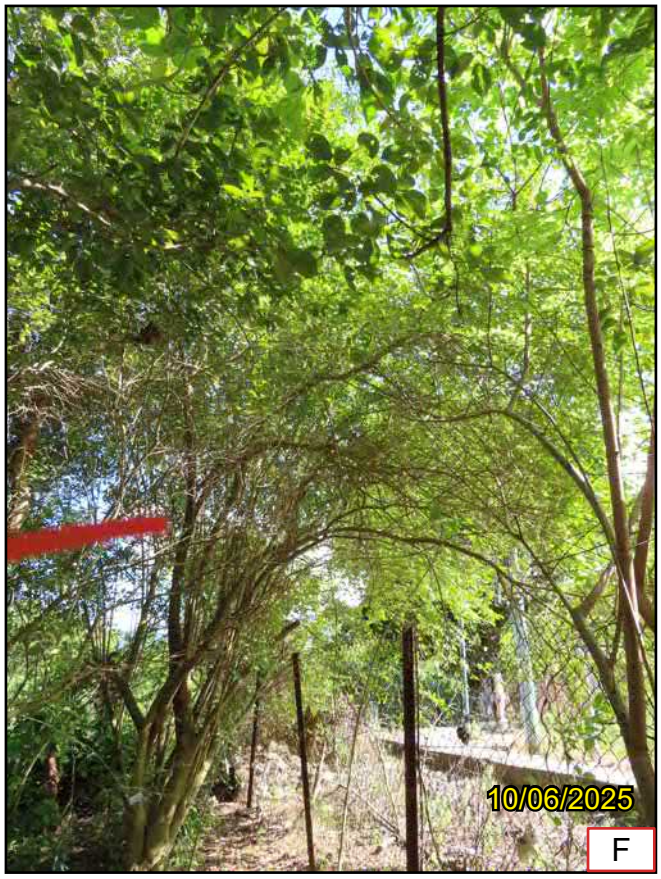
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS448	REV	-

ADI



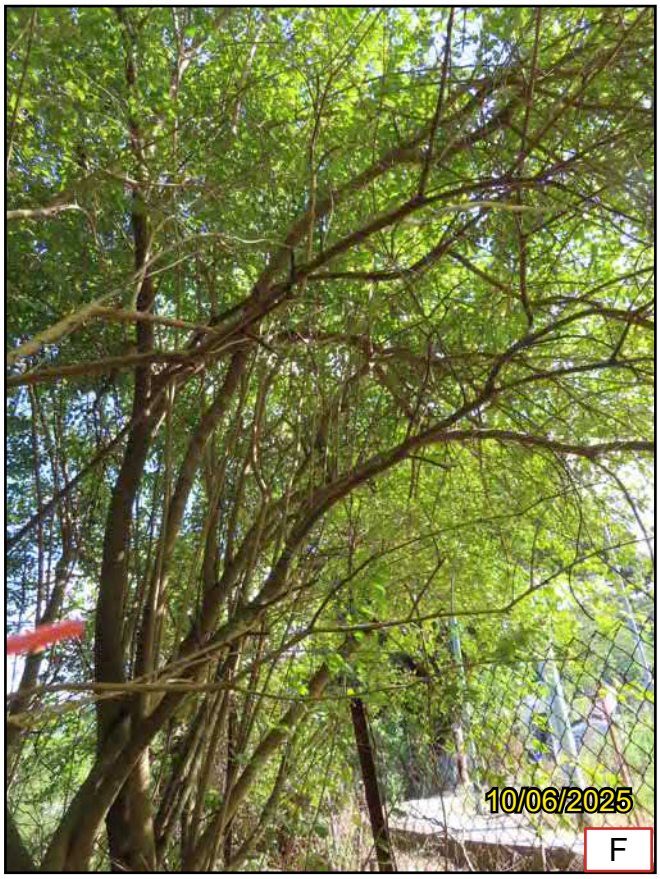
T244B (OVERALL)



T244B (BASE)



T244B (TRUNK)



T244B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS449		REV -

ADI



T245 (OVERALL)



T245 (BASE)



T245 (TRUNK)



T245 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS450	REV	-

ADI



T246 (OVERALL)



T246 (BASE)



T246 (TRUNK)



T246 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS451		REV -

ADI



T247 (OVERALL)



T247 (BASE)



T247 (TRUNK)



T247 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS452		REV -

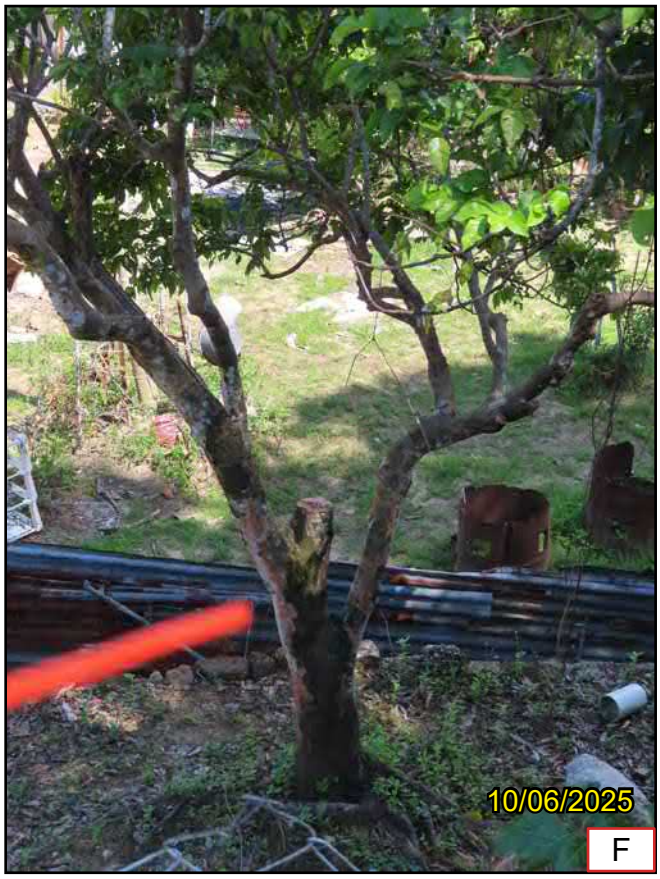
ADI



T247A (OVERALL)



T247A (BASE)



T247A (TRUNK)



T247A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS453		REV -

ADI



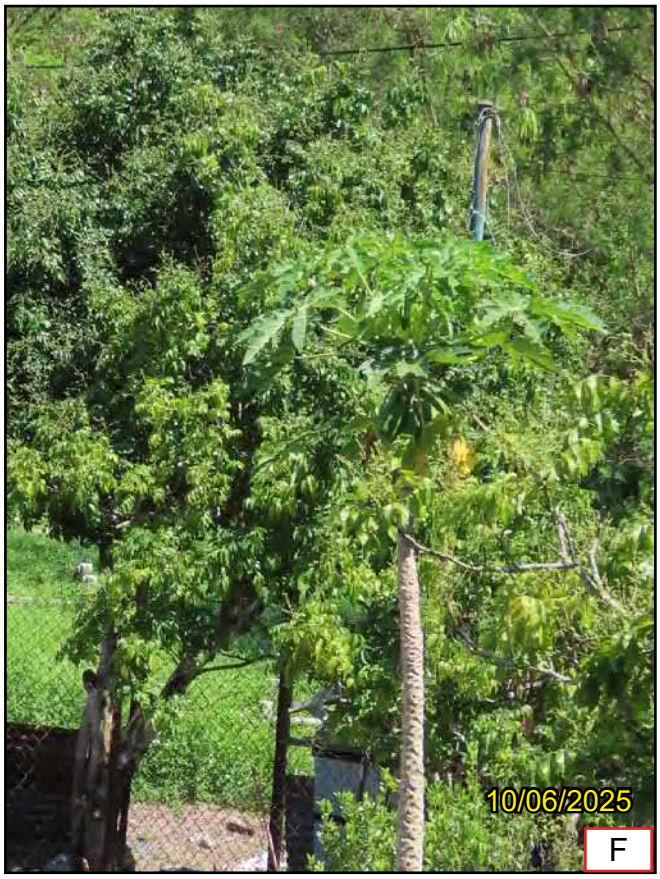
T247B (OVERALL)



T247B (BASE)



T247B (TRUNK)



T247B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS454		REV -

ADI



T248 (OVERALL)



T248 (BASE)



T248 (TRUNK)



T248 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS455		REV -

ADI



T249 (OVERALL)



T249 (BASE)



T249 (TRUNK)



T249 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS456		REV -

ADI



T249A (OVERALL)



T249A (BASE)



T249A (TRUNK)

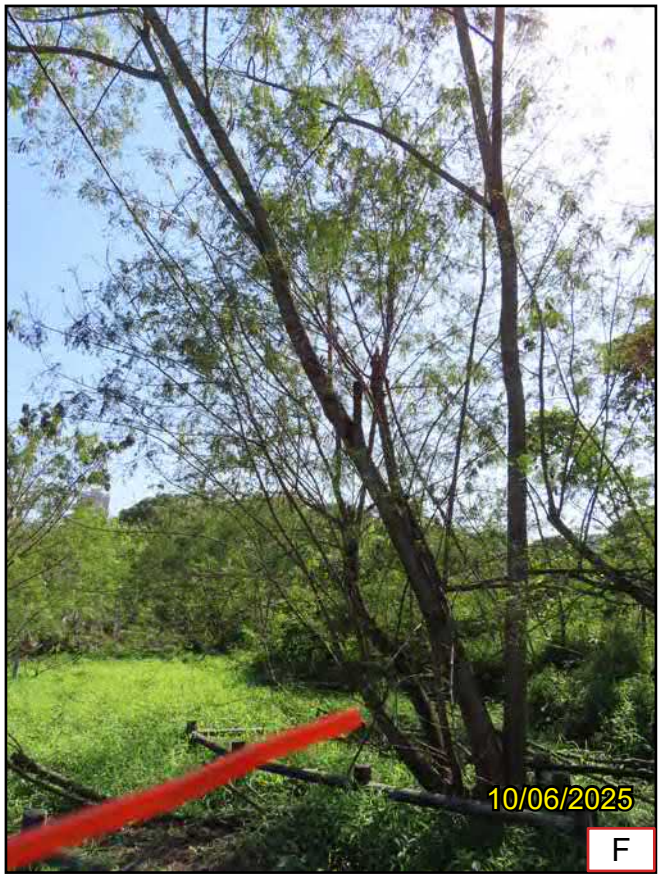


T249A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS457	REV	-

ADI



T249B (OVERALL)



T249B (BASE)



T249B (TRUNK)



T249B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS458	REV	-

ADI



T249C (OVERALL)



T249C (BASE)



T249C (TRUNK)



T249C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS459		REV -

ADI



T250 (OVERALL)



T250 (BASE)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS460		REV -

ADI



T250 (TRUNK)



T250 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS461		REV -

ADI



T251 (OVERALL)



T251 (BASE)



T251 (TRUNK)



T251 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS462		REV -

ADI



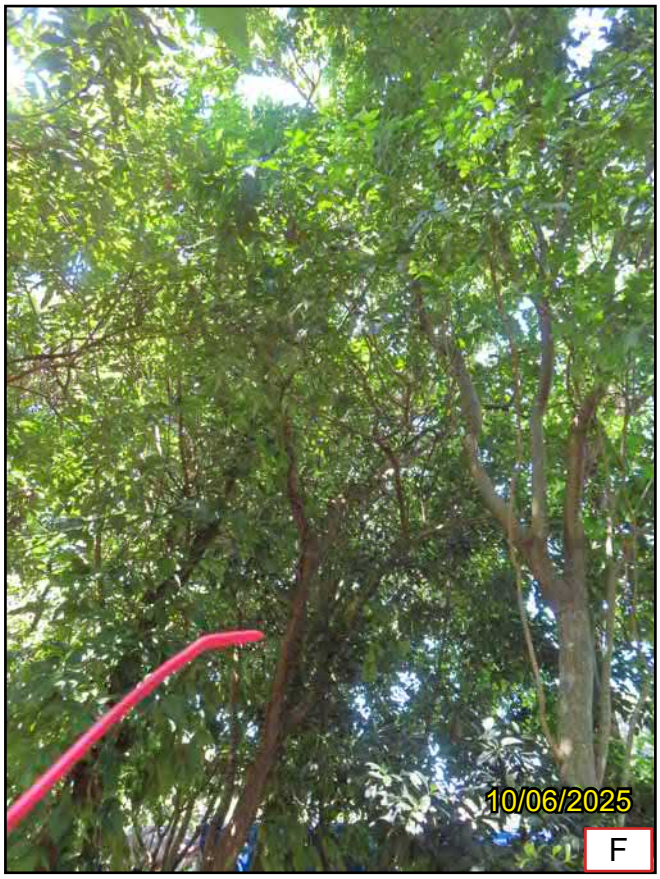
T252 (OVERALL)



T252 (BASE)



T252 (TRUNK)



T252 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS463		REV -

ADI



T253 (OVERALL)



T253 (BASE)



T253 (TRUNK)

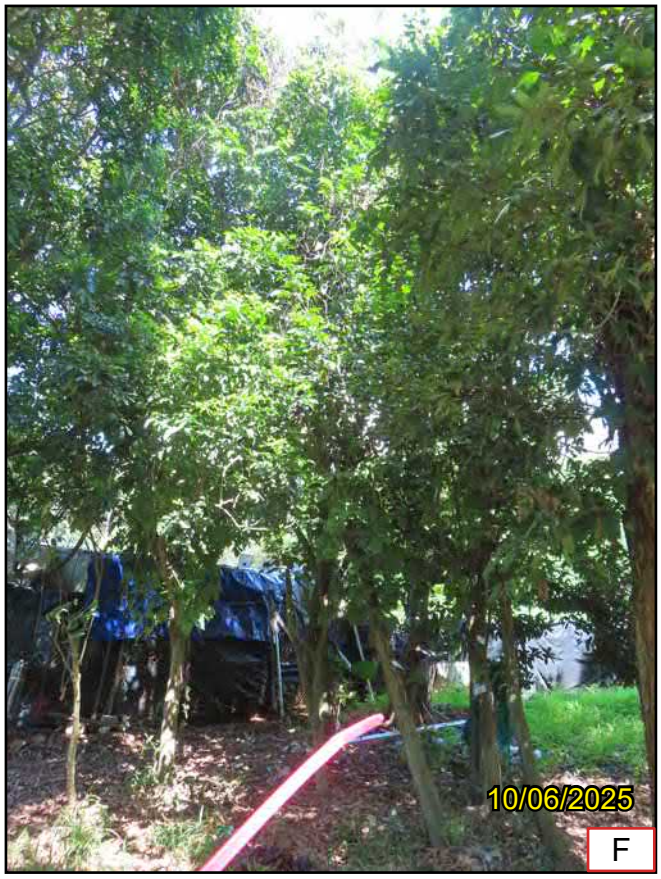


T253 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS464	REV	-

ADI



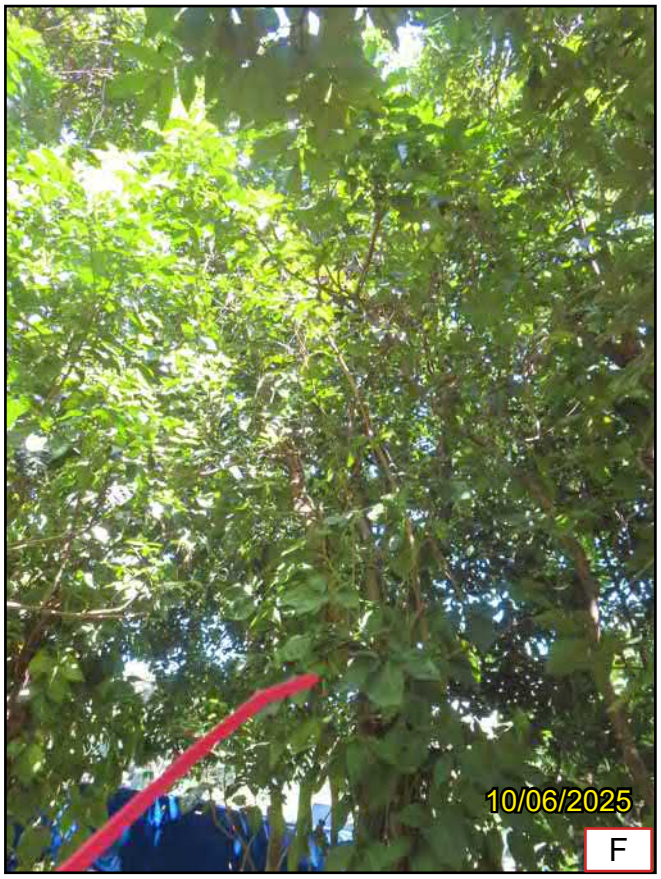
T254 (OVERALL)



T254 (BASE)



T254 (TRUNK)



T253 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS465	REV	-

ADI



T256 (OVERALL)



T256 (BASE)



T256 (TRUNK)

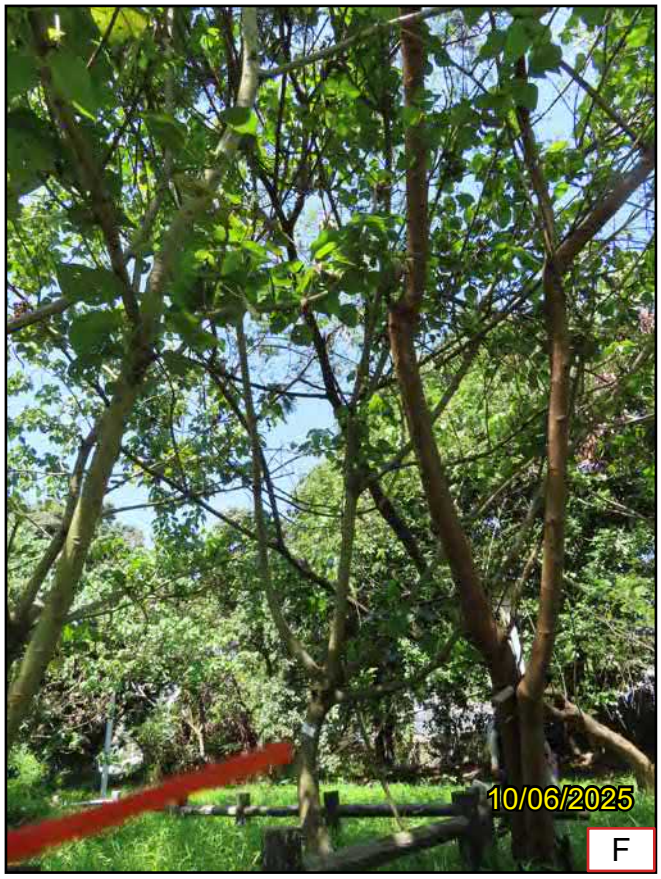


T256 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS466	REV	-

ADI



T257 (OVERALL)



T257 (BASE)



T257 (TRUNK)



T257 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS467	REV	-

ADI



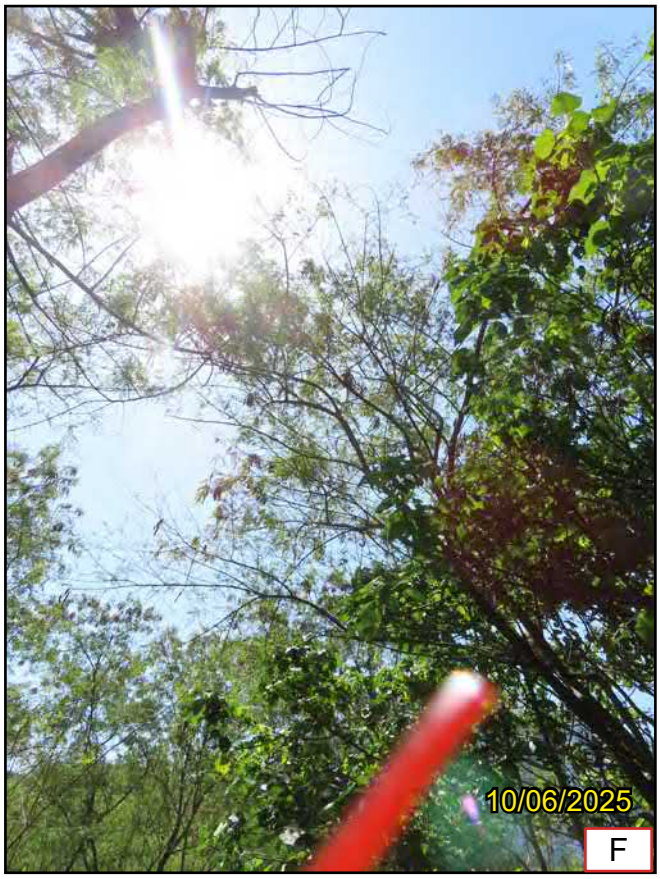
T257A (OVERALL)



T257A (BASE)



T257A (TRUNK)



T257A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS468		REV -

ADI



T257B (OVERALL)



T257B (BASE)



T257B (TRUNK)



T257B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS469		REV -

ADI



T258 (OVERALL)



T258 (BASE)



T258 (TRUNK)

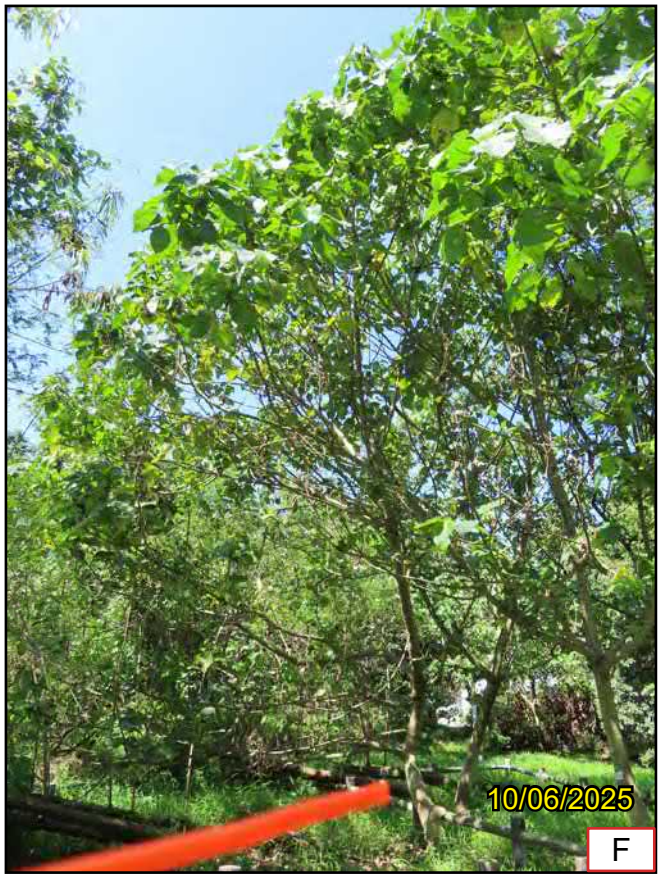


T258 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS470		REV -

ADI



T259 (OVERALL)



T259 (BASE)



T259 (TRUNK)



T259 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS471		REV -

ADI



T259A (OVERALL)



T259A (BASE)



T259A (TRUNK)



T259A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS472		REV -

ADI



T260 (OVERALL)



T260 (BASE)



T260 (TRUNK 1)



T260 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS473		REV -

ADI



T260A (OVERALL)



T260A (BASE)



T260A (TRUNK)



T260A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS474		REV -

ADI



T261 (OVERALL)



T261 (BASE)



T261 (TRUNK)



T261 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS475		REV -

ADI



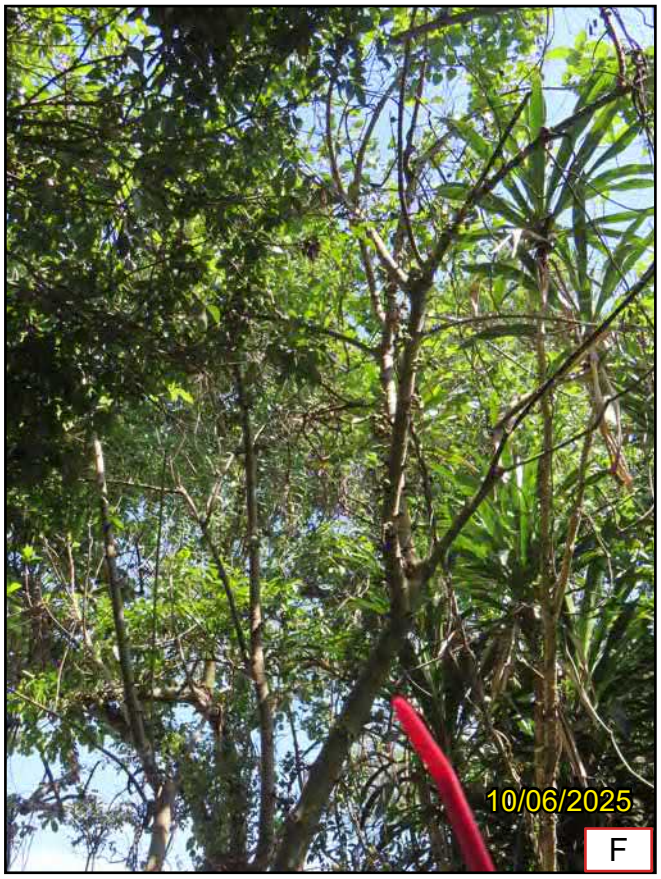
T262 (OVERALL)



T262 (BASE)



T262 (TRUNK)



T262 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS476		REV -

ADI



T263 (OVERALL)



T263 (BASE)



T263 (TRUNK)



T263 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS477	REV	-

ADI



T263A (OVERALL)



T263A (BASE)



T263A (TRUNK)



T263A (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS478		REV -

ADI



T263A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS479	REV	-

ADI



T263B (OVERALL)



T263B (BASE)



T263B (TRUNK)



T263B (CROWN)

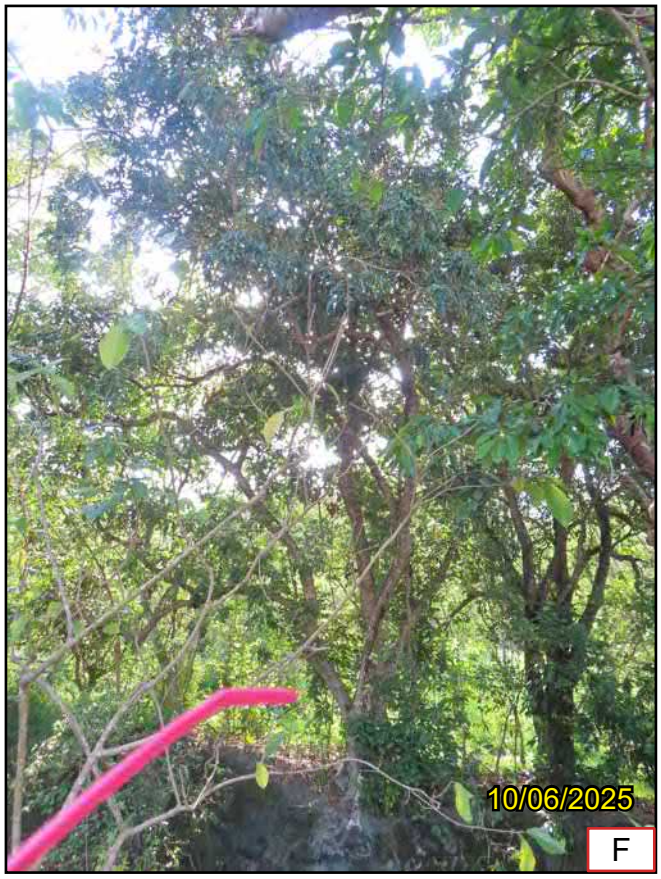
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS480	REV	-

ADI



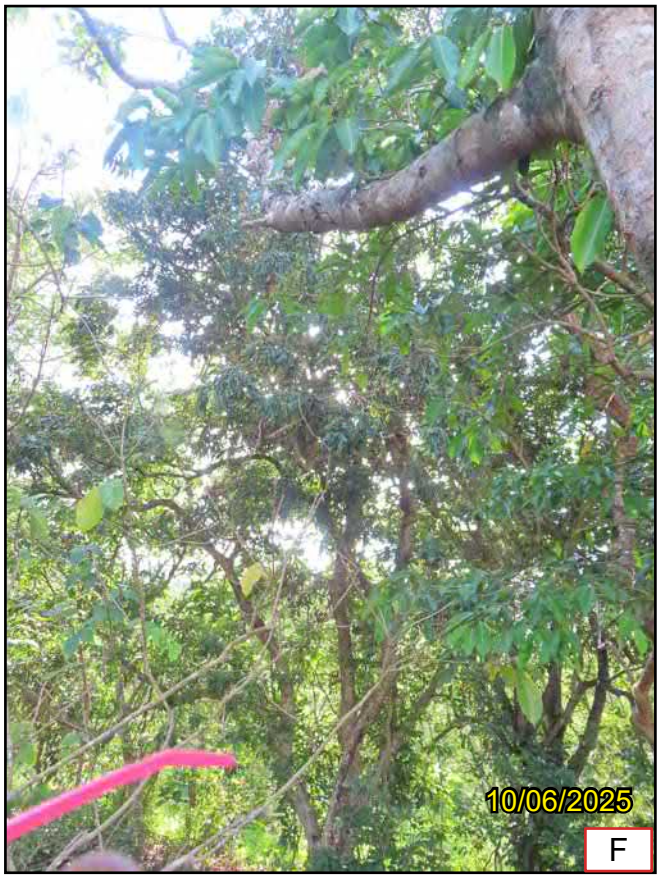
T264 (OVERALL)



T264 (BASE)



T264 (TRUNK)



T264 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS481		REV -

ADI



T265 (OVERALL)



T265 (BASE)



T265 (TRUNK)



T265 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS482		REV -

ADI



T266 (OVERALL)



T266 (BASE)



T266 (TRUNK)



T266 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS483		REV -

ADI



T267 (OVERALL)



T267 (BASE)



T267 (TRUNK)

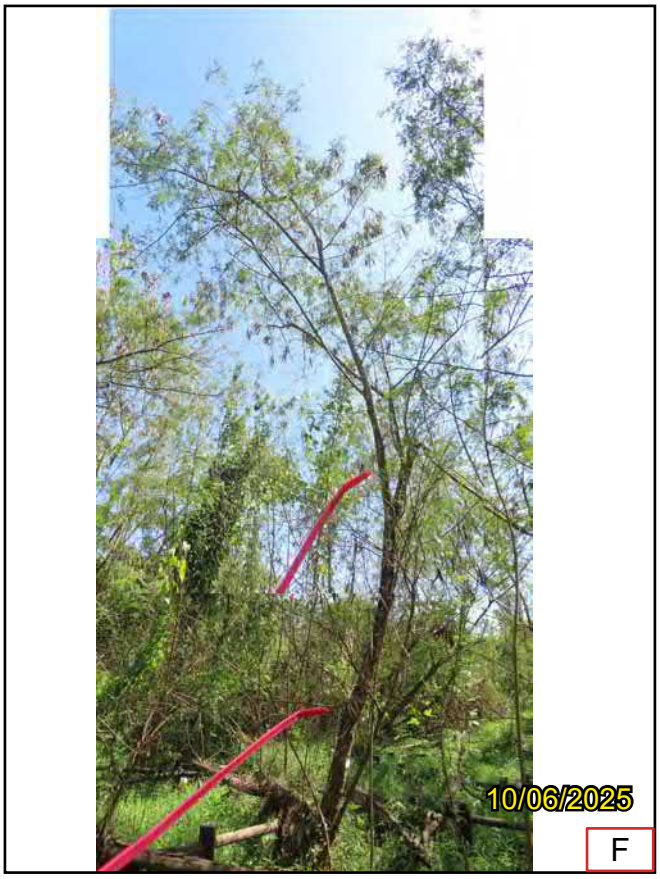


T267 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS484		REV -

ADI



T268 (OVERALL)



T268 (BASE)



T268 (TRUNK)



T268 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS485	REV	-

ADI



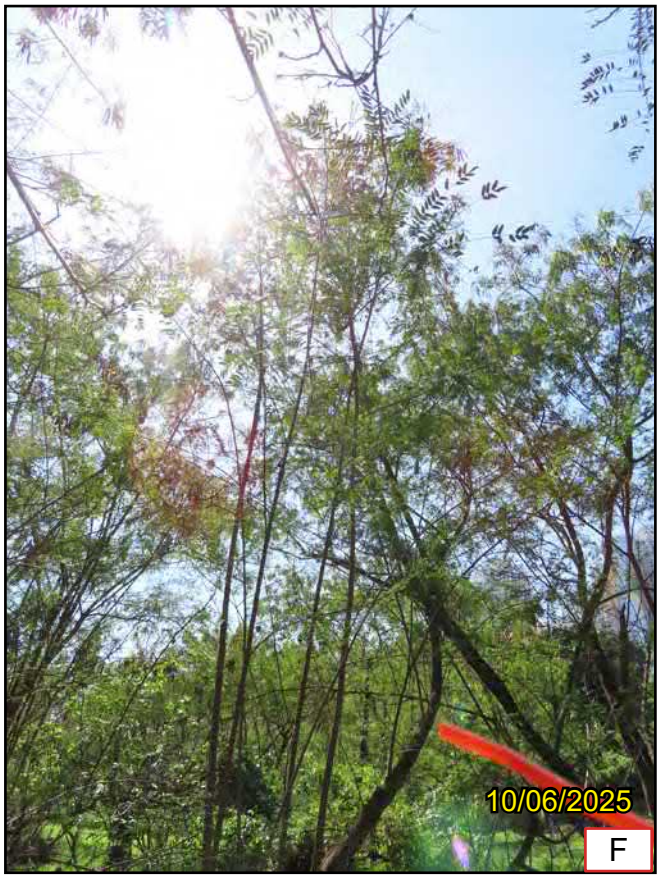
T269 (OVERALL)



T269 (BASE)



T269 (TRUNK)



T269 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS486		REV -

ADI



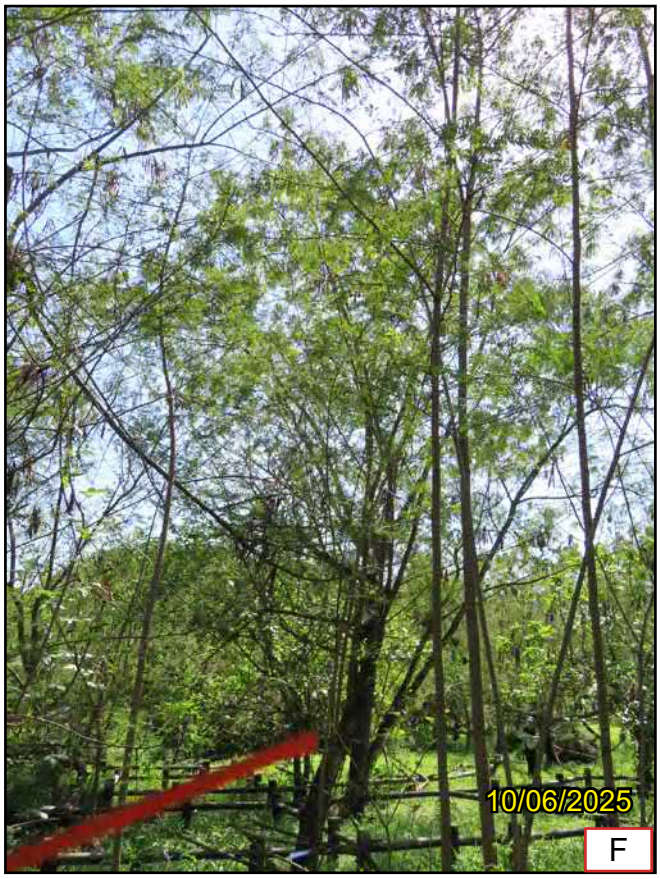
T269A (OVERALL)



T269A (BASE)



T269A (TRUNK)



T269A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS487	REV	-

ADI



T269B (OVERALL)



T269B (BASE)



T269B (TRUNK)



T269B (CROWN)

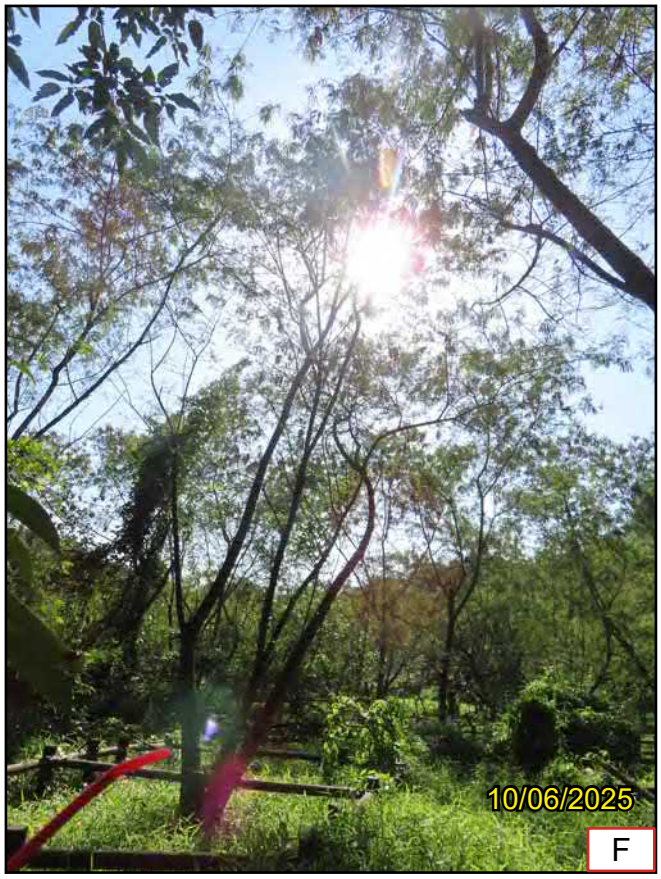
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS488	REV	-

ADI



T270 (OVERALL)



T270 (BASE)



T270 (TRUNK)

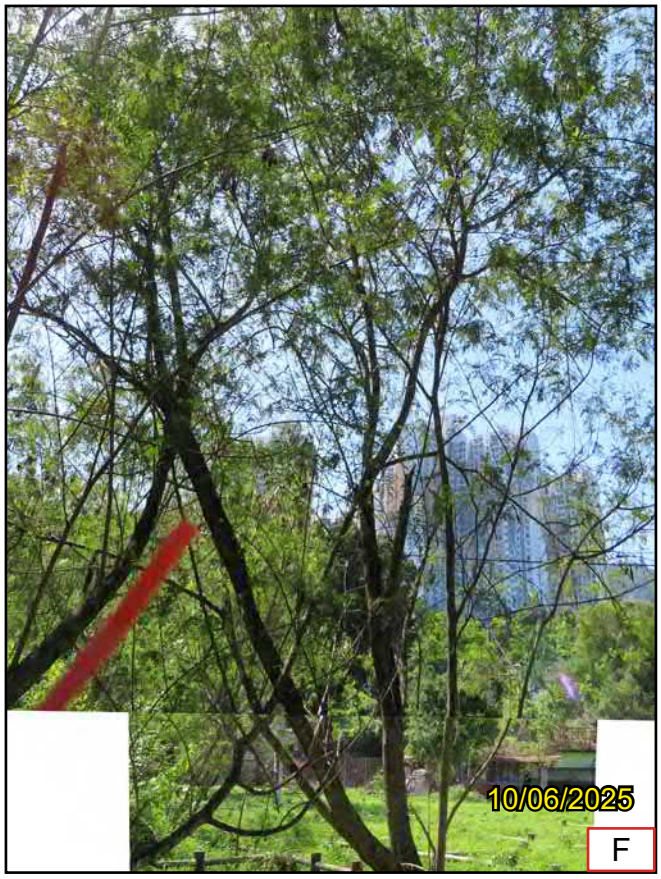


T270 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS489	REV	-

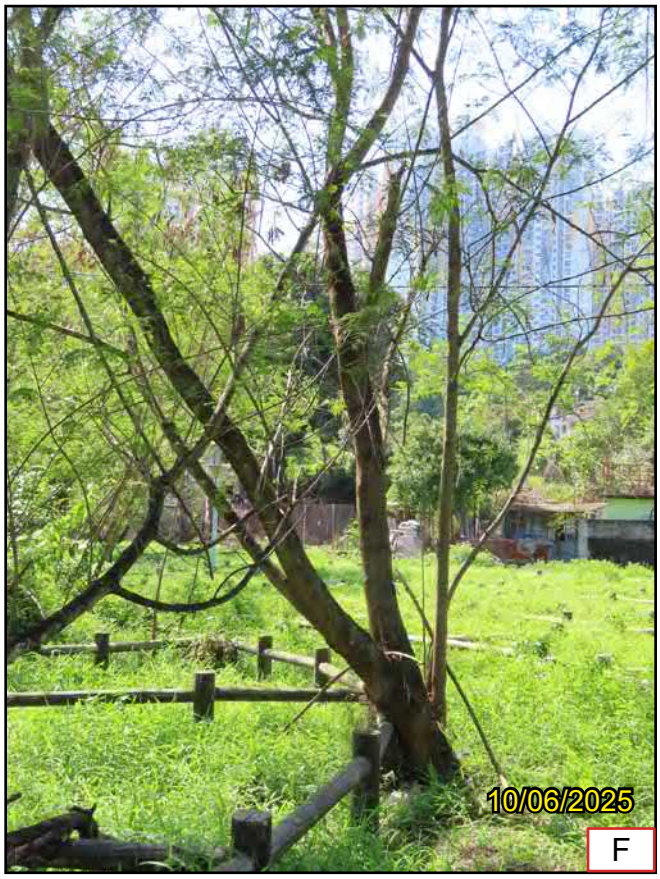
ADI



T271 (OVERALL)



T271 (BASE)



T271 (TRUNK)



T271 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS490		REV -

ADI



T272 (OVERALL)



T272 (BASE)



T272 (TRUNK)

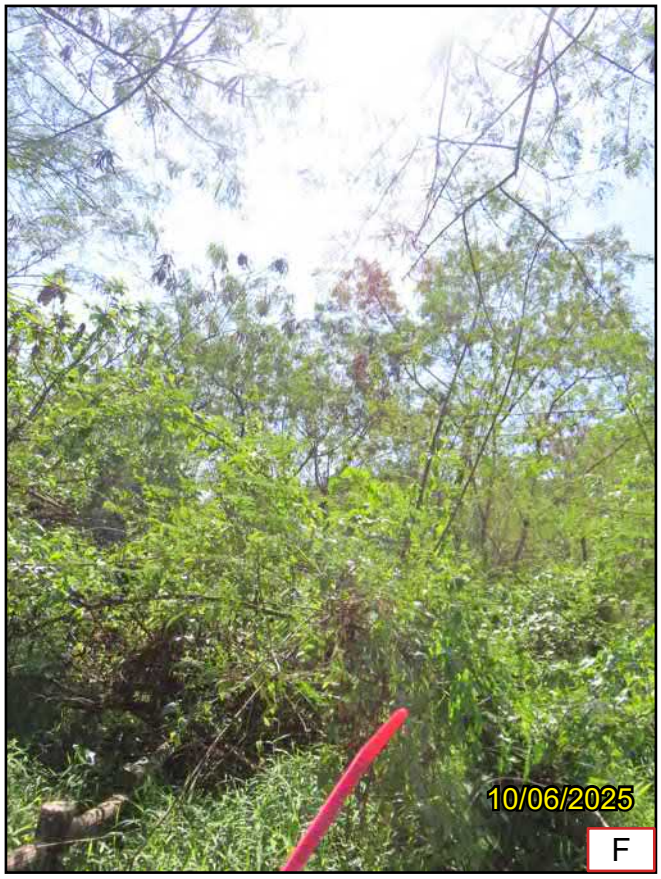


T272 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS491	REV	-

ADI



T272A (OVERALL)



T272A (BASE)



T272A (TRUNK)



T272A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS492		REV -

ADI



T273 (OVERALL)



T273 (BASE)



T273 (TRUNK)



T273 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS493	REV	-

ADI



T274 (OVERALL)



T274 (BASE)



T274 (TRUNK)



T274 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS494		REV -

ADI



T275 (OVERALL)



T275 (BASE)



T275 (TRUNK)



T275 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS495		REV -

ADI



T275A (OVERALL)



T275A (BASE)



T275A (TRUNK)



T275A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS496		REV -

ADI



T275B (OVERALL)



T275B (BASE)



T275B (TRUNK)

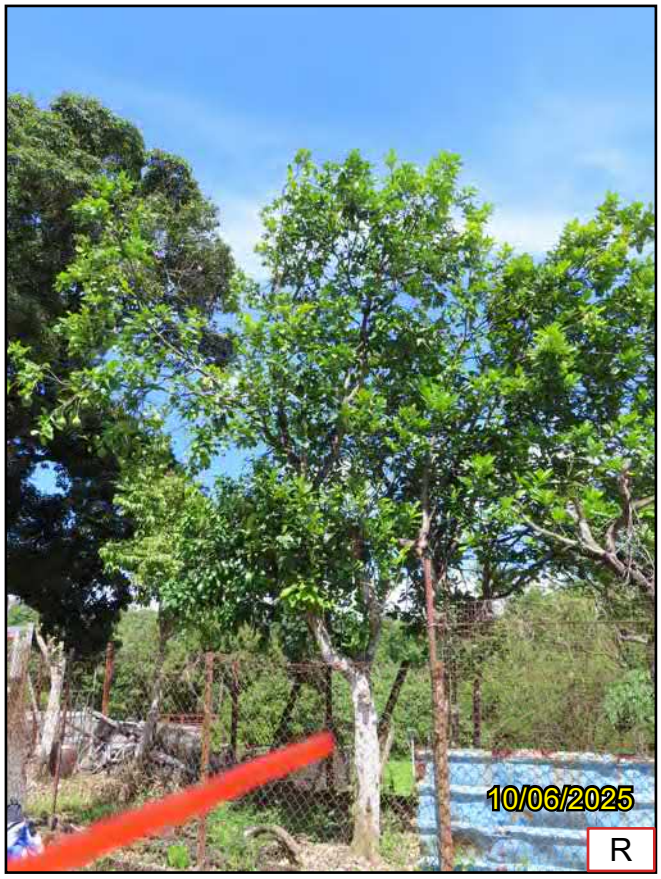


T275B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS497		REV -

ADI



T275C (OVERALL)



T275C (BASE)



T275C (TRUNK)



T275C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS498	REV	-

ADI



T275D (OVERALL)



T275D (BASE)



T275D (TRUNK)



T275D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS499	REV	-

ADI



T276 (OVERALL)



T276 (BASE)



T276 (TRUNK)



T276 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS500		REV -

ADI



T278 (OVERALL)



T278 (BASE)



T278 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS501	REV	-

ADI



T278 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS502	REV	-

ADI



T279 (OVERALL)



T279 (BASE)



T279 (TRUNK)



T279 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS503		REV -

ADI



T280 (OVERALL)



T280 (BASE)



T280 (TRUNK)



T280 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS504	REV	-

ADI



T281 (OVERALL)



T281 (BASE)



T281 (TRUNK)



T281 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS505	REV	-

ADI



T282 (OVERALL)



T282 (BASE)



T282 (TRUNK)



T282 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS506		REV -

ADI



T283 (OVERALL)



T283 (BASE)



T283 (TRUNK)



T283 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS507	REV	-

ADI



T284 (OVERALL)



T284 (BASE)



T284 (TRUNK)



T284 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS508		REV -

ADI



T285 (OVERALL)



T285 (BASE)



T285 (TRUNK)



T285 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS509	REV	-

ADI



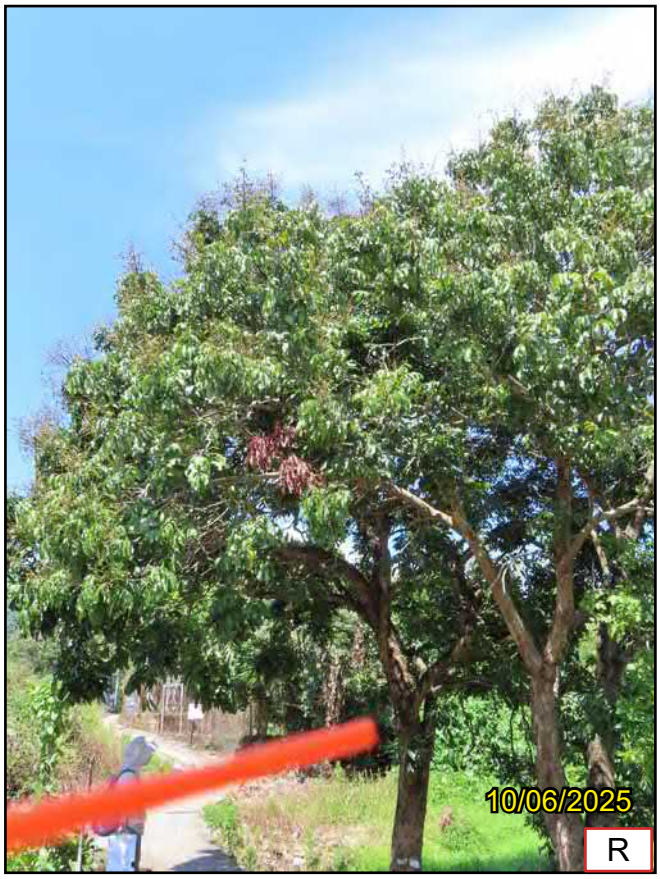
T286 (OVERALL)



T286 (BASE)



T286 (TRUNK)



T286 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS510	REV	-

ADI



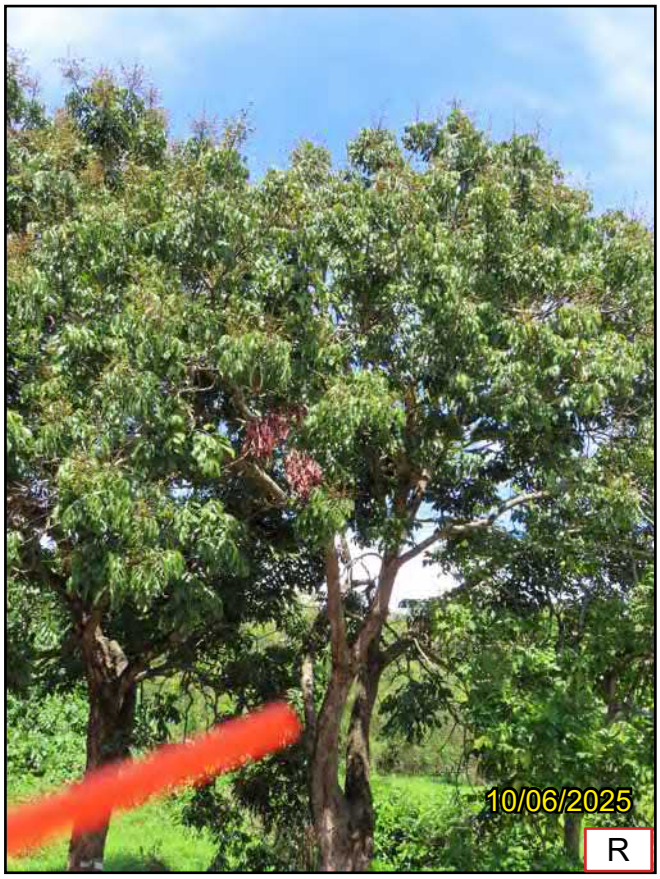
T287 (OVERALL)



T287 (BASE)



T287 (TRUNK)



T287 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS511	REV	-

ADI



T288 (OVERALL)



T288 (BASE)



T288 (TRUNK)

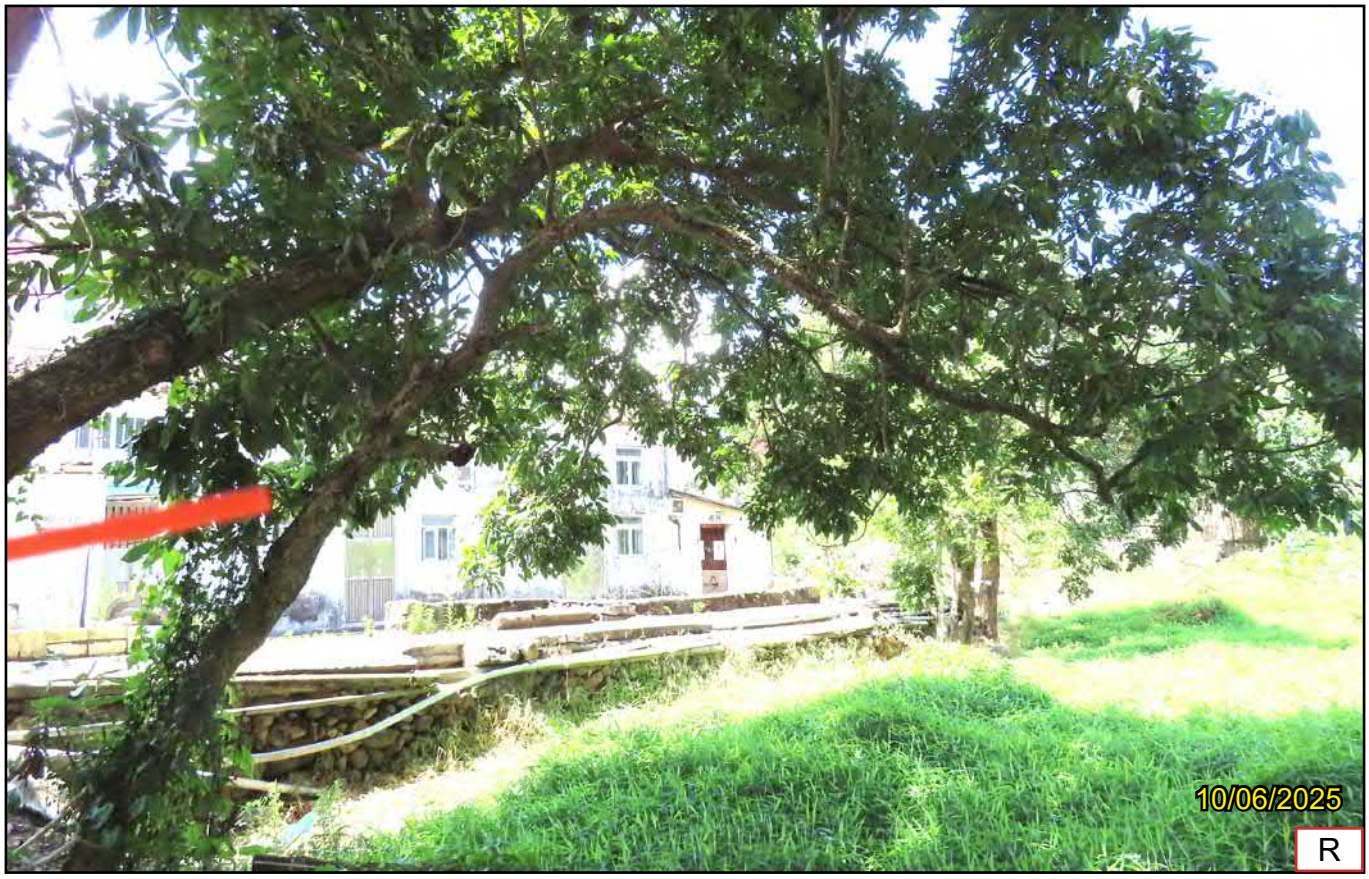


T288 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS512		REV -

ADI



T289 (OVERALL)



T289 (BASE)



T289 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD 10 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS513		REV -

ADI



T289 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS514	REV	-

ADI



T290 (OVERALL)



T290 (BASE)



T290 (TRUNK)



T290 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS515	REV	-

ADI



T291 (OVERALL)



T291 (BASE)



T291 (TRUNK)



T291 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS516	REV	-

ADI



T292 (OVERALL)



T292 (BASE)



T292 (TRUNK)



T292 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS517	REV	-

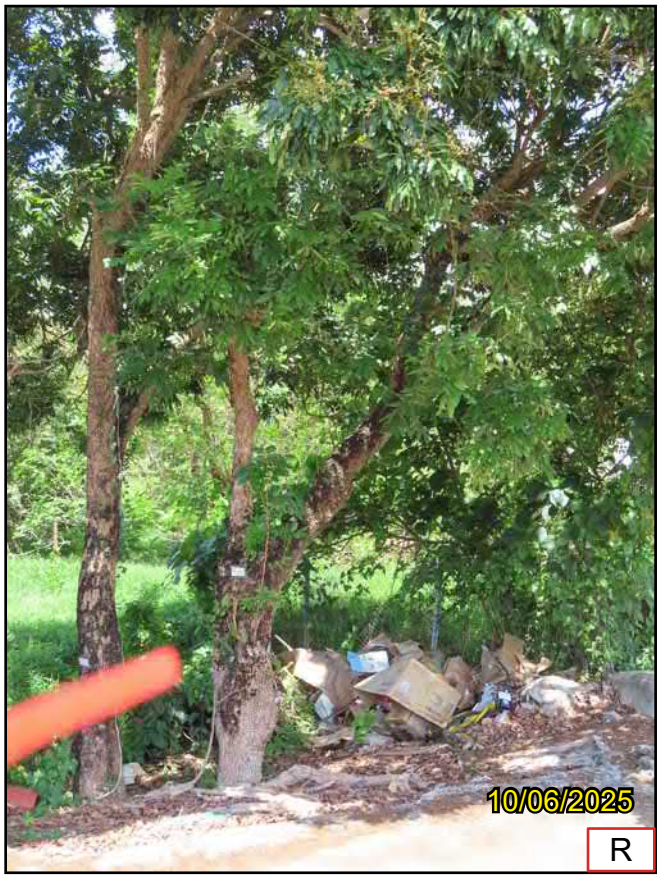
ADI



T293 (OVERALL)



T293 (BASE)



T293 (TRUNK)



T293 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS518		REV -

ADI



T294 (OVERALL)



T294 (BASE)



T294 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD 104 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025 JUNE 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I - Residential)	FIGURE NO.	CKPL58A - TS519		REV -

ADI



T294 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS520	REV	-

ADI



T294A (OVERALL)



T294A (BASE)



T294A (TRUNK)



T294A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS521	REV	-

ADI



T295 (OVERALL)



T295 (BASE)



T295 (TRUNK)



T295 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS522		REV -

ADI



T295B (OVERALL)



T295B (BASE)



T295B (TRUNK)



T295B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS523		REV -

ADI



T295C (OVERALL)



T295C (BASE)



T295C (TRUNK)

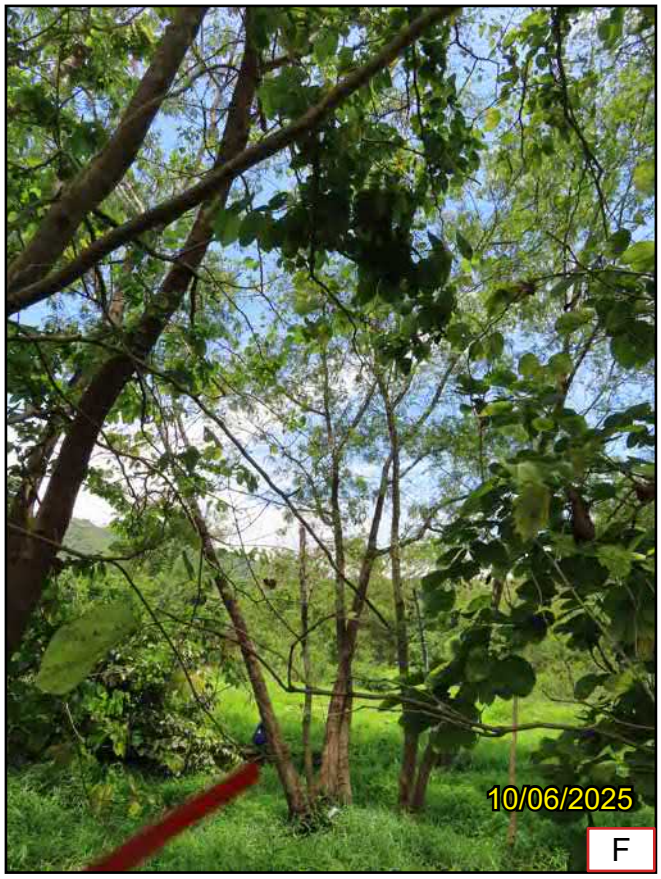


T295C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS524	REV	-

ADI



T296 (OVERALL)



T296 (BASE)



T296 (TRUNK)



T296 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS525		REV -

ADI



T296A (OVERALL)



T296A (BASE)



T296A (TRUNK)

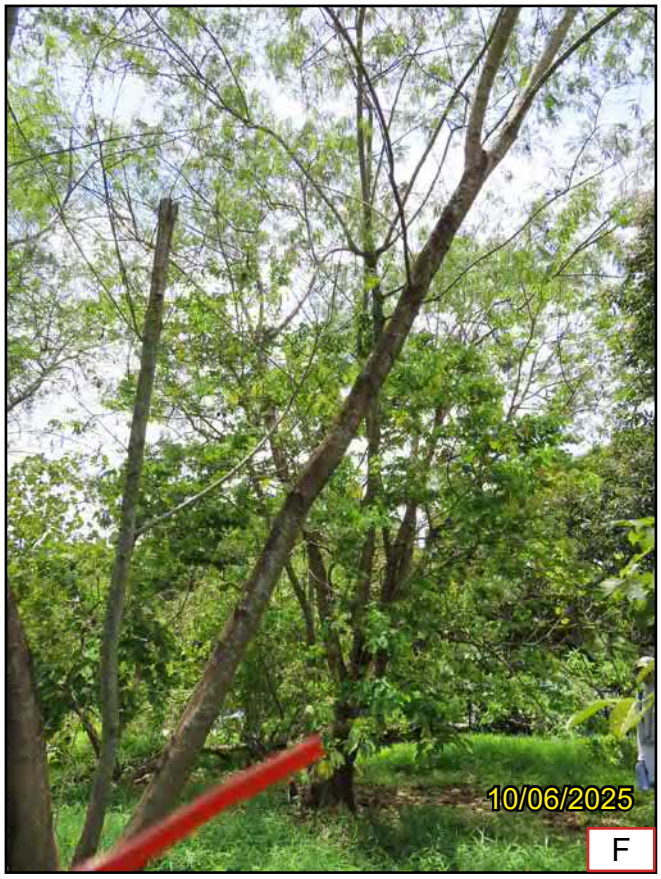


T296A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS526		REV -

ADI



T297 (OVERALL)



T297 (BASE)



T297 (TRUNK)

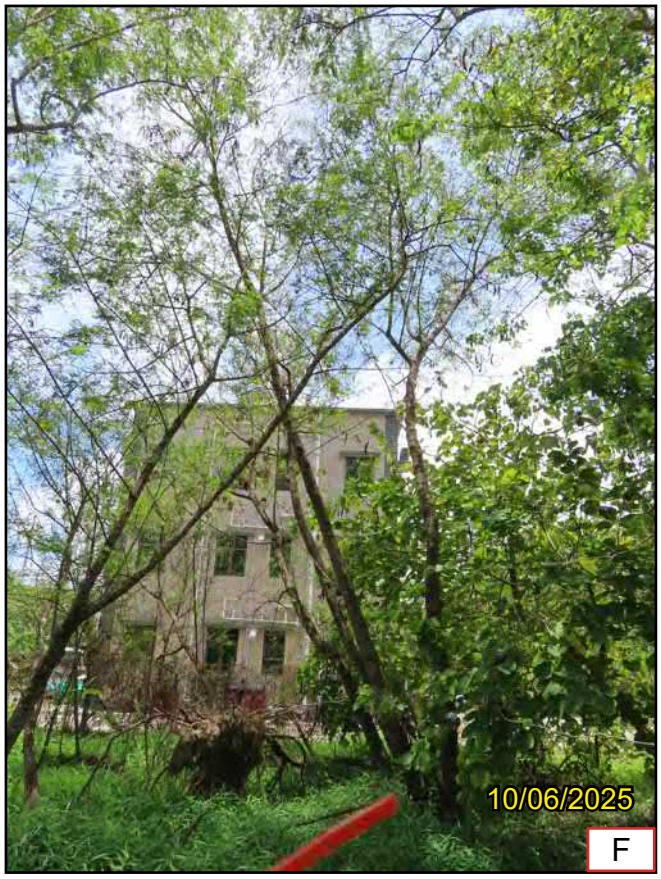


T297 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS527		REV -

ADI



T299 (OVERALL)



T299 (BASE)



T299 (TRUNK)



T299 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS528	REV	-

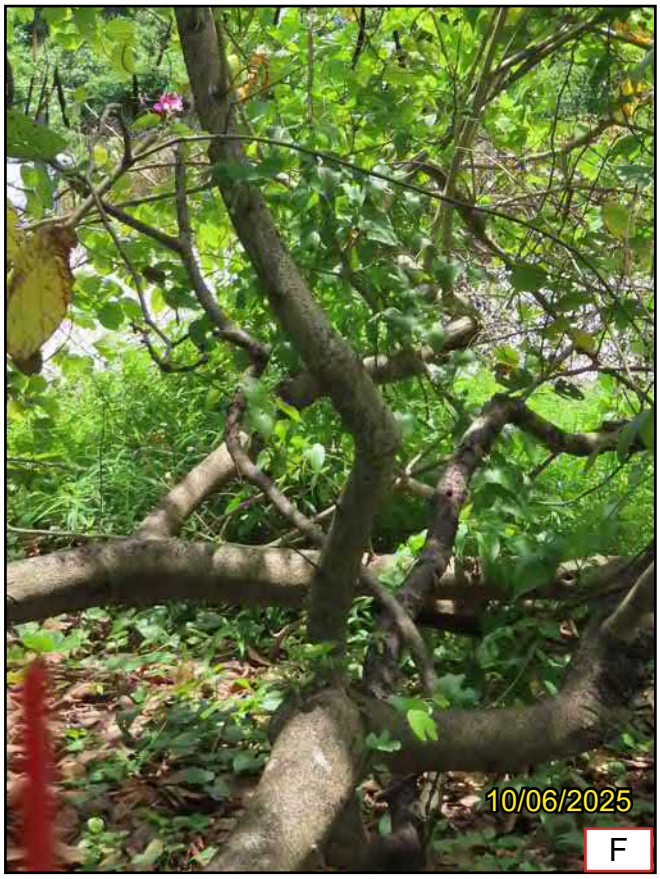
ADI



T299A (OVERALL)



T299A (BASE)



T299A (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS529	REV	-

ADI



T299A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS530	REV	-

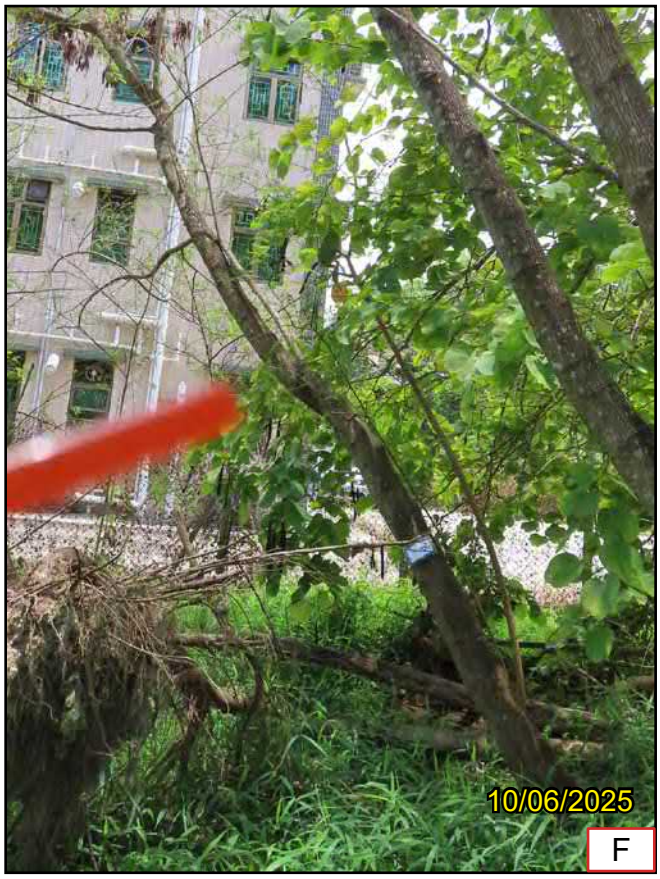
ADI



T300 (OVERALL)



T300 (BASE)



T300 (TRUNK)



T300 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS531	REV	-

ADI



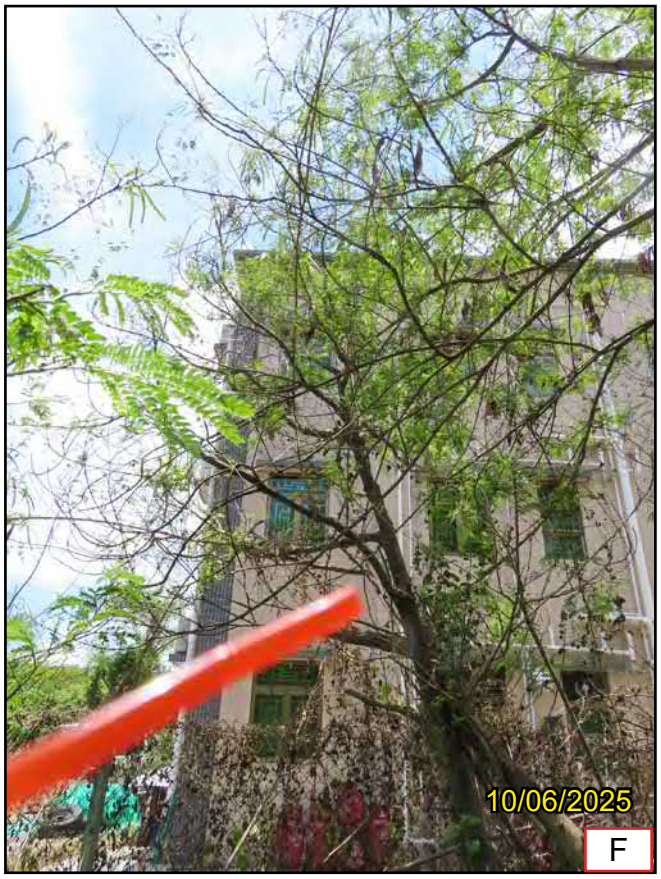
T300A (OVERALL)



T300A (BASE)



T300A (TRUNK)



T300A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS532		REV -

ADI



T300B (OVERALL)



T300B (BASE)



T300B (TRUNK)



T300B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS533	REV	-

ADI



T301 (OVERALL)



T301 (BASE)



T301 (TRUNK)



T301 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS534		REV -

ADI



T302 (OVERALL)



T302 (BASE)



T302 (TRUNK)



T302 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS535		REV -

ADI



T302A (OVERALL)



T302A (BASE)



T302A (TRUNK)



T302A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS536	REV	-

ADI



T302B (OVERALL)



T302B (BASE)



T302B (TRUNK)



T302B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS537	REV	-

ADI



T303 (OVERALL)



T303 (BASE)



T303 (TRUNK)



T303 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS538		REV -

ADI



T305 (OVERALL)



T305 (BASE)



T305 (TRUNK)



T305 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS539		REV -

ADI



T306 (OVERALL)



T306 (BASE)



T306 (TRUNK)



T306 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS540	REV	-

ADI



T307 (OVERALL)



T307 (BASE)



T307 (TRUNK)



T307 (DEFECT 1)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS541		REV -

ADI



T307 (DEFECT 2)



T307 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS542		REV -

ADI



T307A (OVERALL)



T307A (BASE)



T307A (TRUNK)



T307A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS543		REV -

ADI



T307B (OVERALL)



T307B (BASE)



T307B (TRUNK)



T307B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS544		REV -

ADI



T307C (OVERALL)



T307C (BASE)



T307C (TRUNK)



T307C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS545		REV -

ADI



T311 (OVERALL)



T311 (BASE)



T311 (TRUNK)



T311 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS546		REV -

ADI



T311A (OVERALL)



T311A (BASE)



T311A (TRUNK)

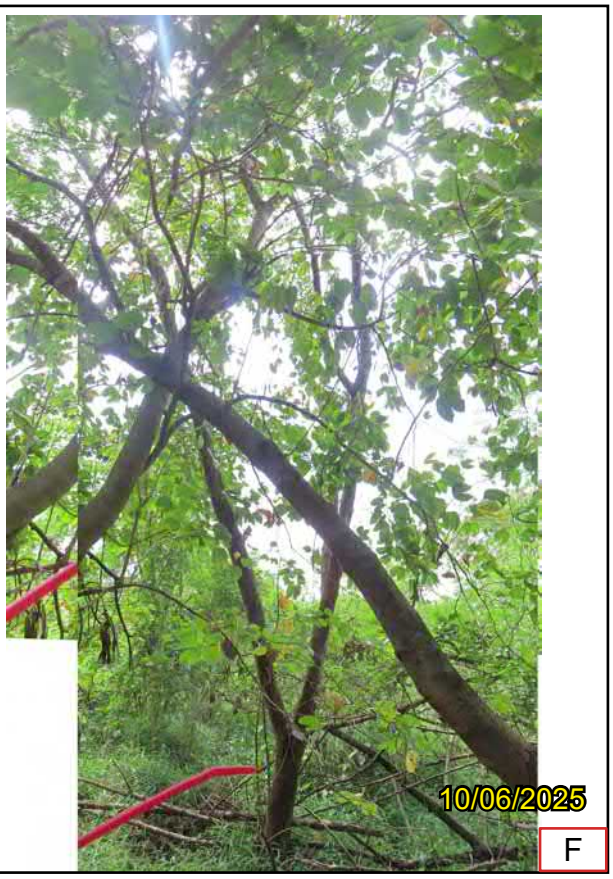


T311A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS547		REV -

ADI



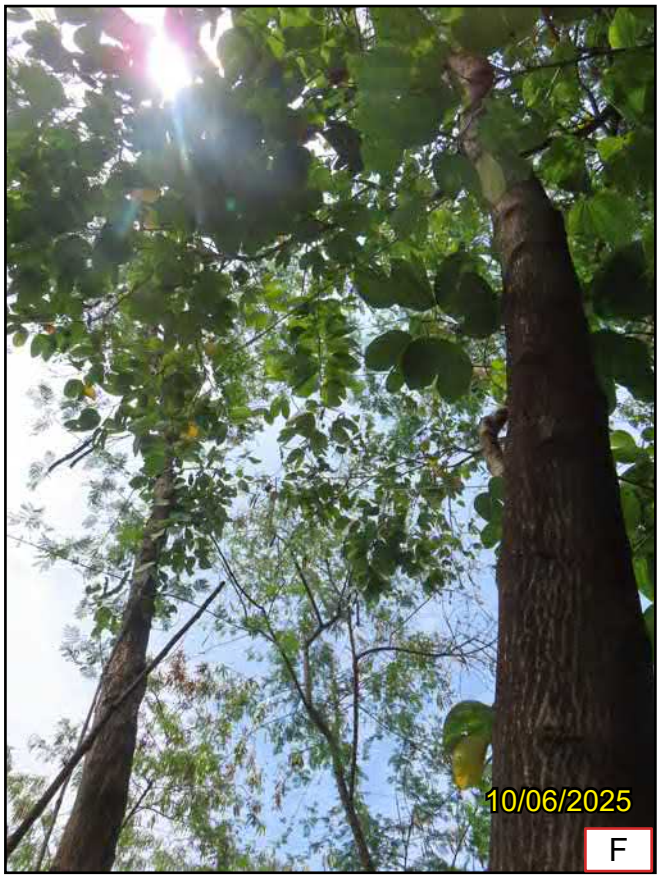
T312 (OVERALL)



T312 (BASE)



T312 (TRUNK)

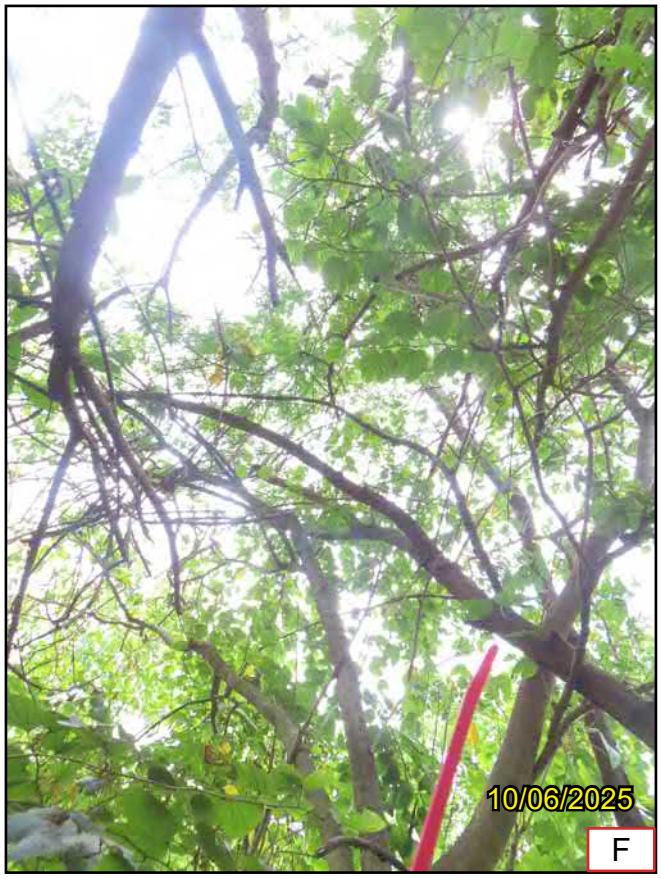


T312 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS548		REV -

ADI



T313 (OVERALL)



T313 (BASE)



T313 (TRUNK)



T313 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS549		REV -

ADI



T314 (OVERALL)



T314 (BASE)



T314 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS550	REV	-

ADI



T314 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS551	REV	-

ADI



T316 (OVERALL)



T316 (BASE)



T316 (TRUNK)



T316 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS552		REV -

ADI



T317 (OVERALL)



T317 (BASE)



T317 (TRUNK)



T317 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS553		REV -

ADI



T318 (OVERALL)



T318 (BASE)



T318 (TRUNK)



T318 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS554		REV -

ADI



T319 (OVERALL)



T319 (BASE)



T319 (TRUNK)



T319 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS555	REV	-

ADI



T320 (OVERALL)



T320 (BASE)



T320 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS556	REV	-

ADI



T320 (DEFECT)



T320 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS557		REV -

ADI



T321 (OVERALL)



T321 (BASE)



T321 (TRUNK)



T320 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS558		REV -

ADI



T322 (OVERALL)



T322 (BASE)



T322 (TRUNK)



T322 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS559		REV -

ADI



T323 (OVERALL)



T323 (BASE)



T323 (TRUNK)



T323 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS560	REV	-

ADI



T325 (OVERALL)



T325 (BASE)



T325 (TRUNK)



T325 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS561		REV -

ADI



T326 (OVERALL)



T326 (BASE)



T326 (TRUNK)



T326 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS562	REV	-

ADI



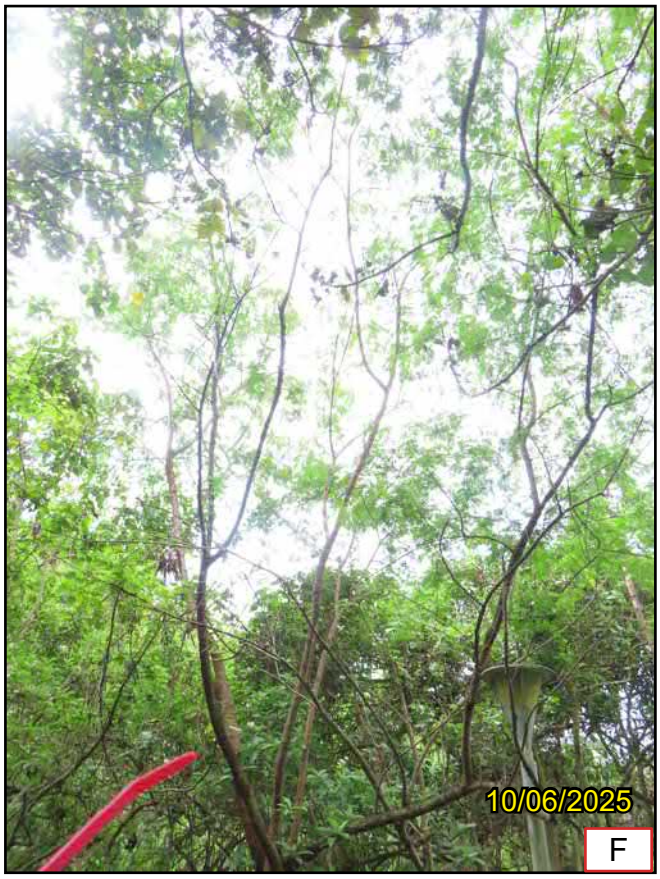
T327 (OVERALL)



T327 (BASE)



T327 (TRUNK)



T327 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS563		REV -

ADI



T328 (OVERALL)



T328 (BASE)



T328 (TRUNK)



T328 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS564		REV -

ADI



T329 (OVERALL)



T329 (BASE)



T329 (TRUNK)



T329 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS565	REV	-

ADI



T330 (OVERALL)



T330 (BASE)



T330 (TRUNK)

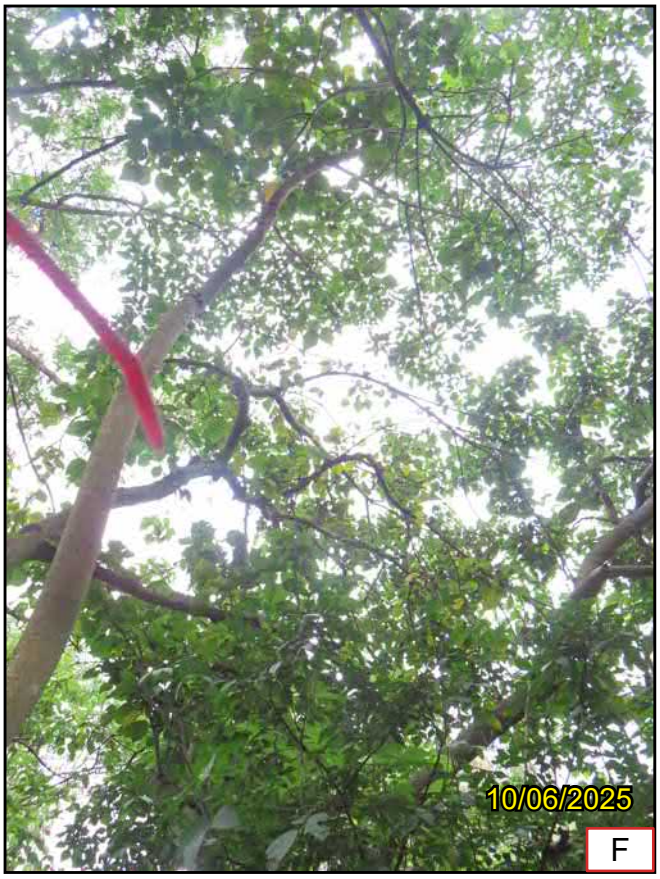


T330 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS566	REV	-

ADI



T330 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS567	REV	-

ADI



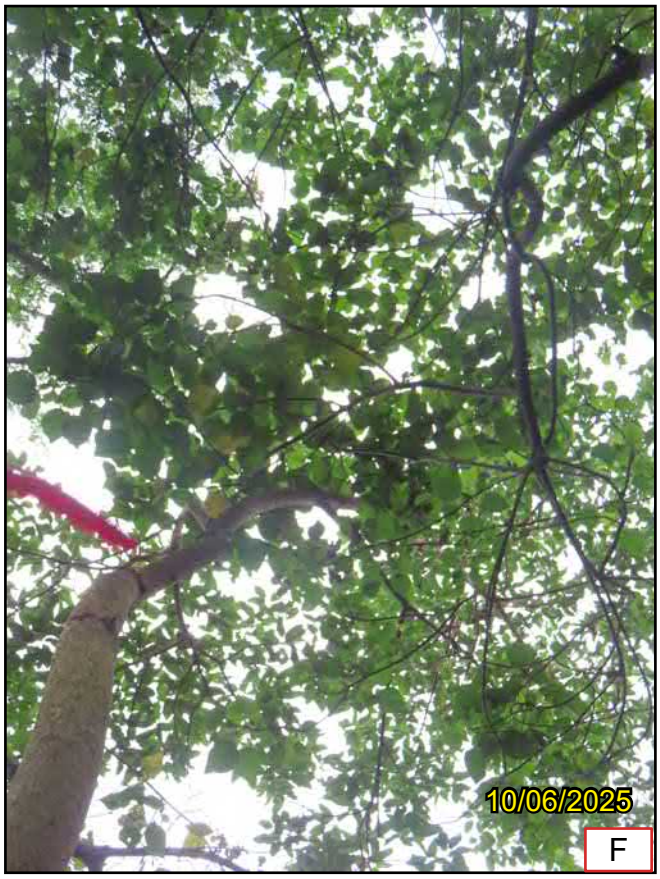
T331 (OVERALL)



T331 (BASE)



T331 (TRUNK)



T331 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS568		REV -

ADI



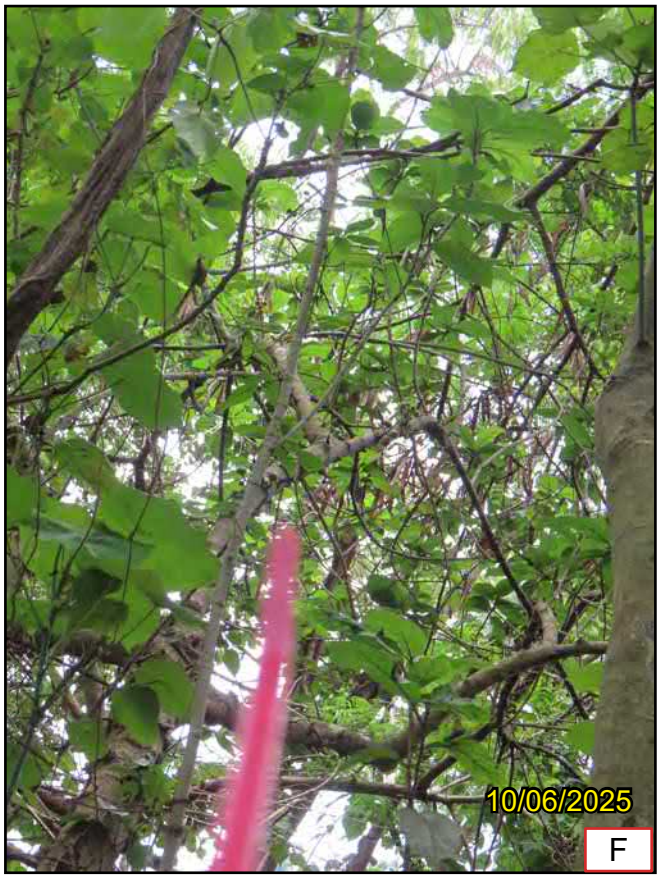
T332 (OVERALL)



T332 (BASE)



T332 (TRUNK)



T332 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS569	REV	-

ADI



T333 (OVERALL)



T333 (BASE)



T333 (TRUNK)



T333 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS570		REV -

ADI



T334 (OVERALL)



T334 (BASE)



T334 (TRUNK)

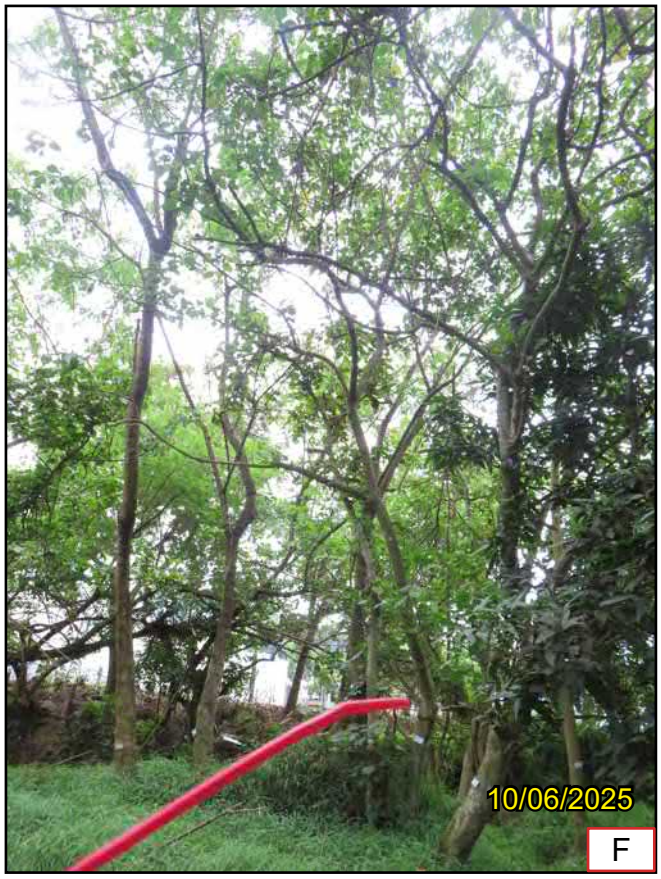


T334 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS571	REV	-

ADI



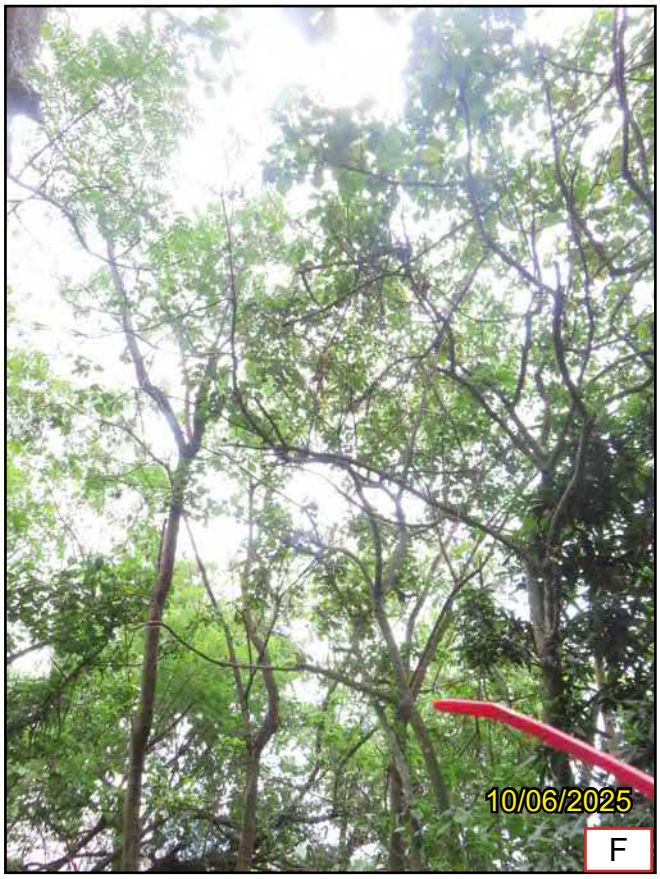
T335 (OVERALL)



T335 (BASE)



T335 (TRUNK)



T335 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS572	REV	-

ADI



T336 (OVERALL)



T336 (BASE)



T336 (TRUNK)



T336 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS573	REV	-

ADI



T337 (OVERALL)



T337 (BASE)



T337 (TRUNK)



T337 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS574		REV -

ADI



T338 (OVERALL)



T338 (BASE)



T338 (TRUNK)



T338 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS575		REV -

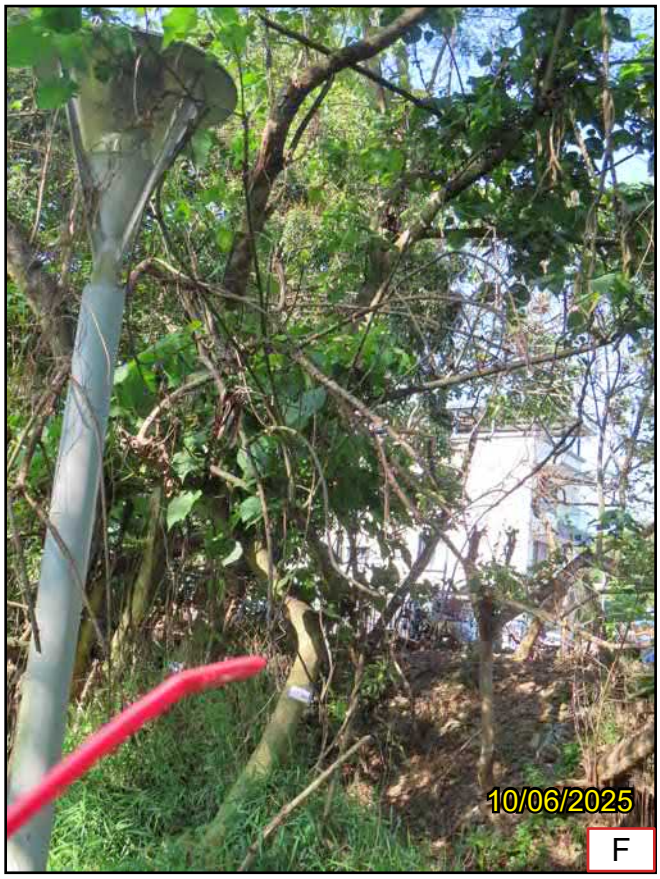
ADI



T340 (OVERALL)



T340 (BASE)



T340 (TRUNK)



T340 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS576		REV -

ADI



T341 (OVERALL)



T341 (BASE)



T341 (TRUNK)



T341 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS577		REV -

ADI



T341 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS578	REV	-

ADI



T342 (OVERALL)



T342 (BASE)



T342 (TRUNK)



T342 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS579		REV -

ADI



T343 (OVERALL)



T343 (BASE)



T343 (TRUNK)



T343 (DEFECT 1)

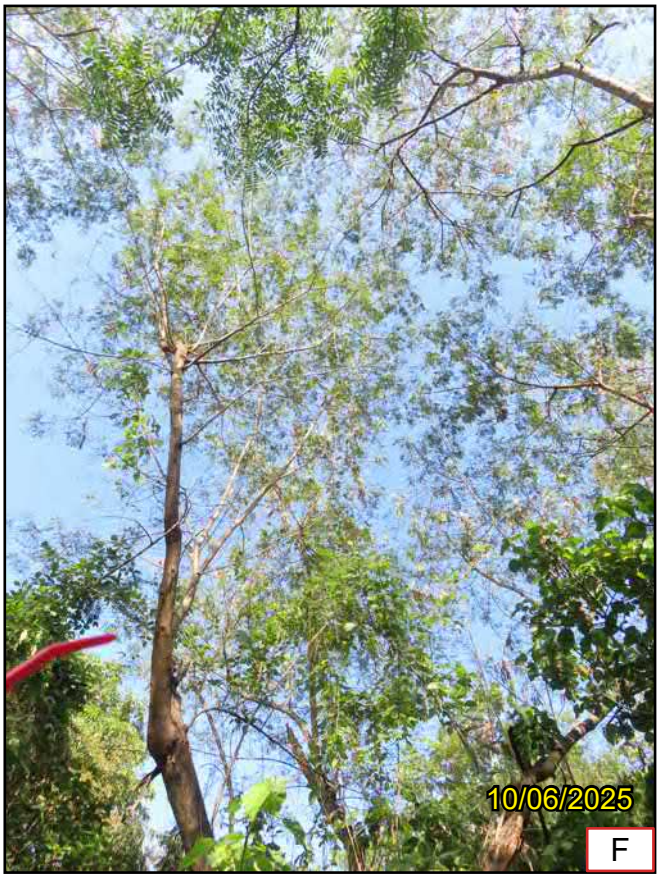
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS580		REV -

ADI



T343 (DEFECT 2)



T343 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS581		REV -

ADI



T344 (OVERALL)



T344 (BASE)



T344 (TRUNK)



T344 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS582		REV -

ADI



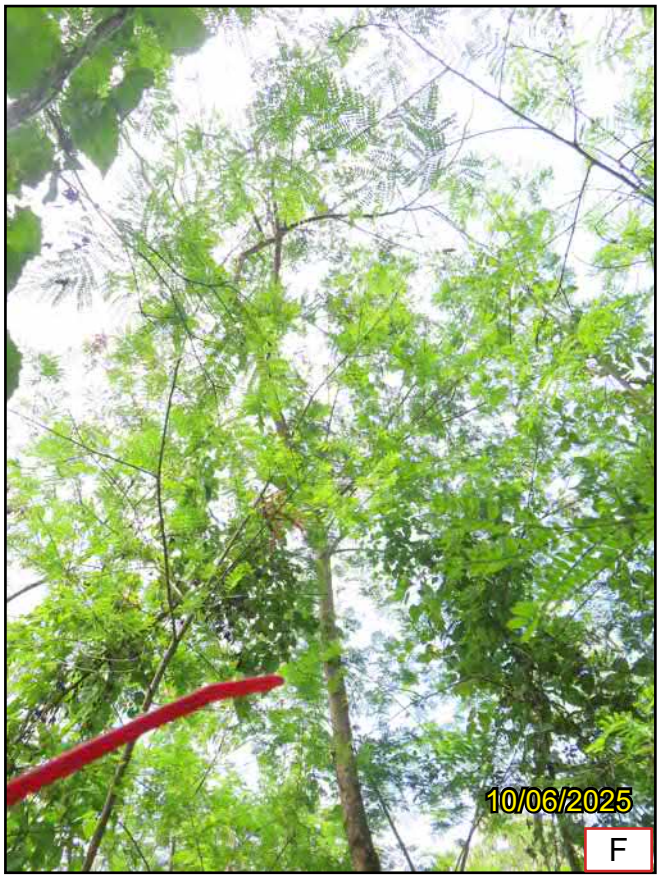
T346 (OVERALL)



T346 (BASE)



T346 (TRUNK)



T346 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS583		REV -

ADI



T347 (OVERALL)



T347 (BASE)



T347 (TRUNK)



T347 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS584		REV -

ADI



T347A (OVERALL)



T347A (BASE)



T347A (TRUNK)



T347A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS585		REV -

ADI



T351 (OVERALL)



T351 (BASE)



T351 (TRUNK)



T351 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS586		REV -

ADI



T352 (OVERALL)



T352 (BASE)



T352 (TRUNK)



T352 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS587		REV -

ADI



T353 (OVERALL)



T353 (BASE)



T353 (TRUNK)

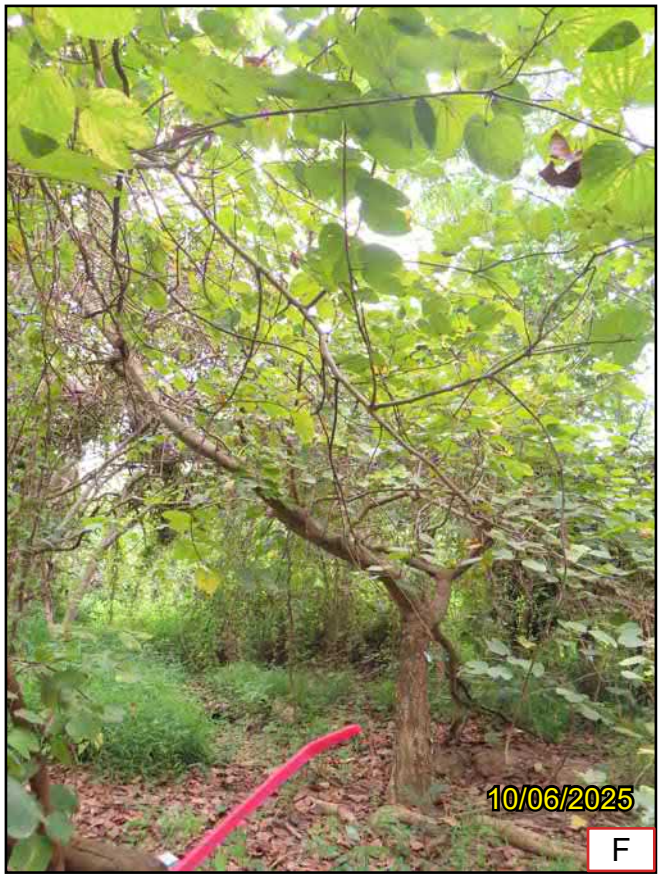


T353 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS588	REV	-

ADI



T354 (OVERALL)



T354 (BASE)



T354 (TRUNK)



T354 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS589	REV	-

ADI



T355 (OVERALL)



T355 (BASE)



T355 (TRUNK)



T355 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS590		REV -

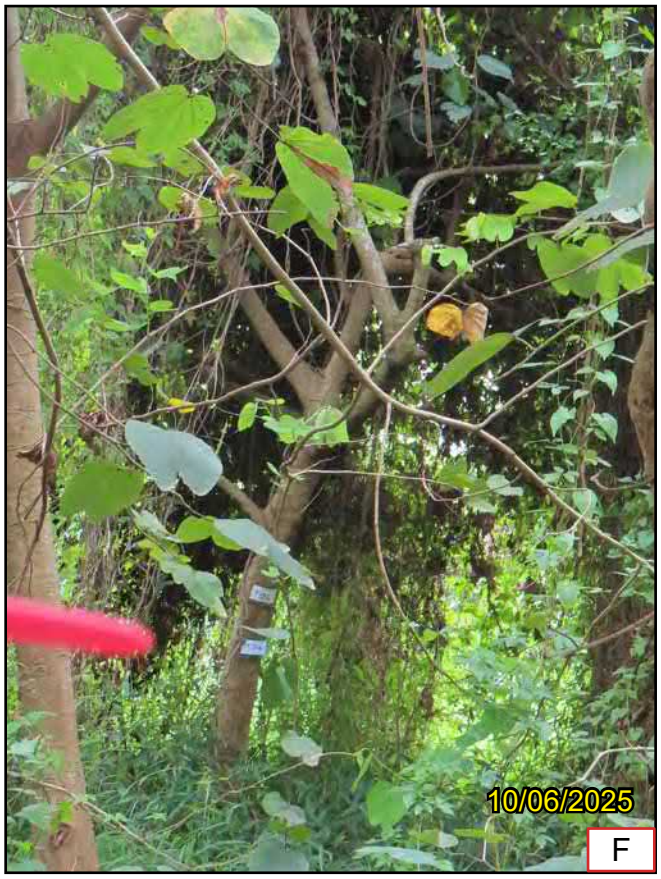
ADI



T356 (OVERALL)



T356 (BASE)



T356 (TRUNK)



T356 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS591		REV -

ADI



T358 (OVERALL)



T358 (BASE)



T358 (TRUNK)



T358 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS592		REV -

ADI



T359 (OVERALL)



T359 (BASE)



T359 (TRUNK)



T359 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS593		REV -

ADI



T361 (OVERALL)



T361 (BASE)



T361 (TRUNK)



T361 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS594		REV -

ADI



T362 (OVERALL)



T362 (BASE)



T362 (TRUNK)



T362 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS595		REV -

ADI



T363 (OVERALL)



T363 (BASE)



T363 (TRUNK)



T363 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS596		REV -

ADI



T364 (OVERALL)



T364 (BASE)



T364 (TRUNK)



T364 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS597	REV	-

ADI



T365 (OVERALL)



T365 (BASE)



T365 (TRUNK)



T365 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS598		REV -

ADI



T367 (OVERALL)



T367 (BASE)



T367 (TRUNK)

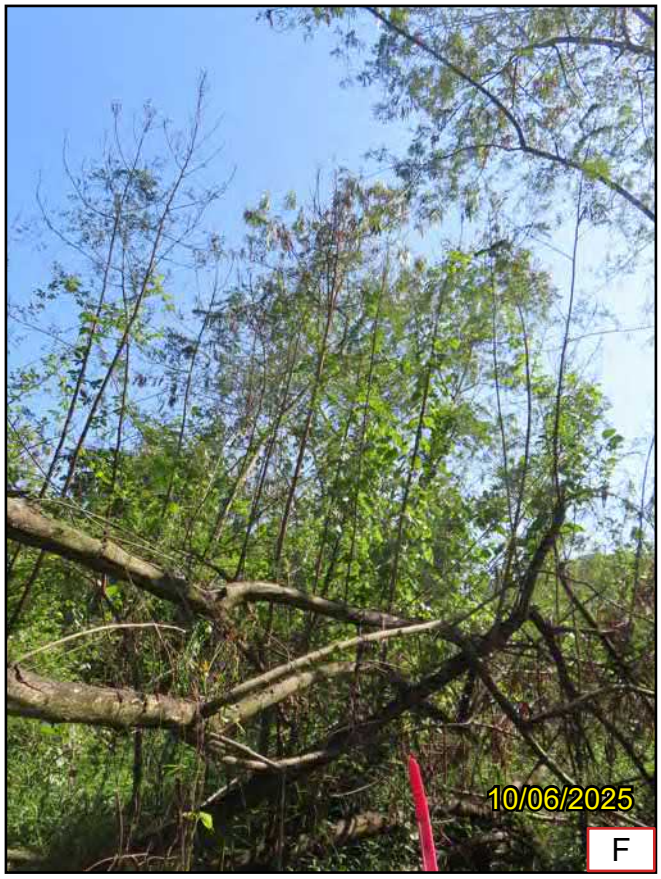


T367 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS599		REV -

ADI



T368 (OVERALL)



T368 (BASE)



T368 (TRUNK)



T368 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS600		REV -

ADI



T370 (OVERALL)



T370 (BASE)



T370 (TRUNK)



T370 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS601		REV -

ADI



T371 (OVERALL)



T371 (BASE)



T371 (TRUNK)



T371 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS602		REV -

ADI



T372 (OVERALL)



T372 (BASE)



T372 (TRUNK)

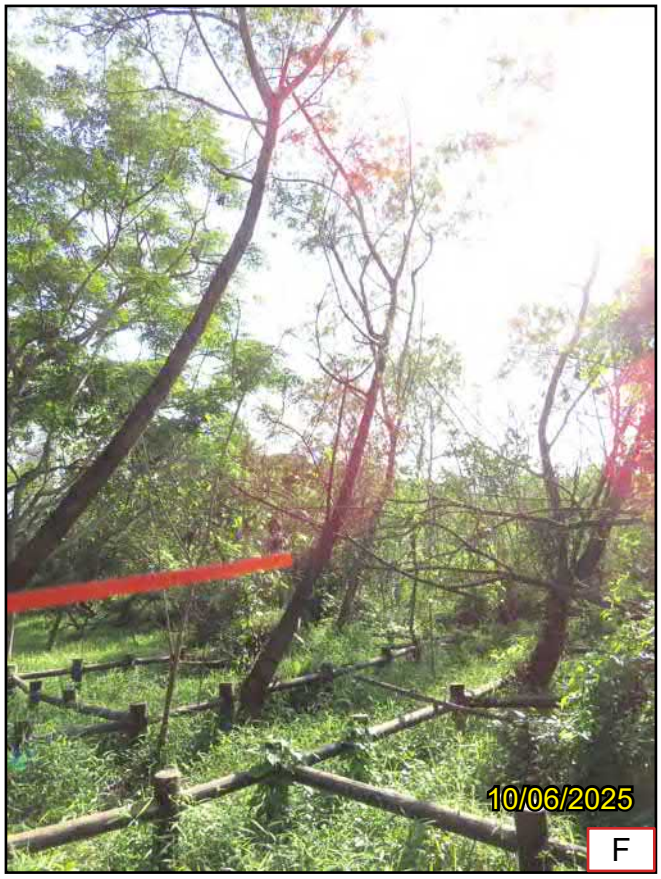


T372 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS603		REV -

ADI



T373 (OVERALL)



T373 (BASE)



T373 (TRUNK)



T373 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS604		REV -

ADI



T374 (OVERALL)



T374 (BASE)



T374 (TRUNK)



T374 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS605		REV -

ADI



T375 (OVERALL)



T375 (BASE)



T375 (TRUNK)



T375 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS606		REV -

ADI



T376 (OVERALL)



T376 (BASE)



T376 (TRUNK)



T376 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS607		REV -

ADI



T377 (OVERALL)



T377 (BASE)



T377 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in DD [illegible] Adjoining Government Land, Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I - Residential)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS608	REV	-

ADI



T377 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS609	REV	-

ADI



T378 (OVERALL)



T378 (BASE)



T378 (TRUNK)



T378 (DEFECT 1)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS610		REV -

ADI



T378 (DEFECT 2)



T378 (DEFECT 3)



T378 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS611		REV -

ADI



T381 (OVERALL)



T381 (BASE)



T381 (TRUNK)

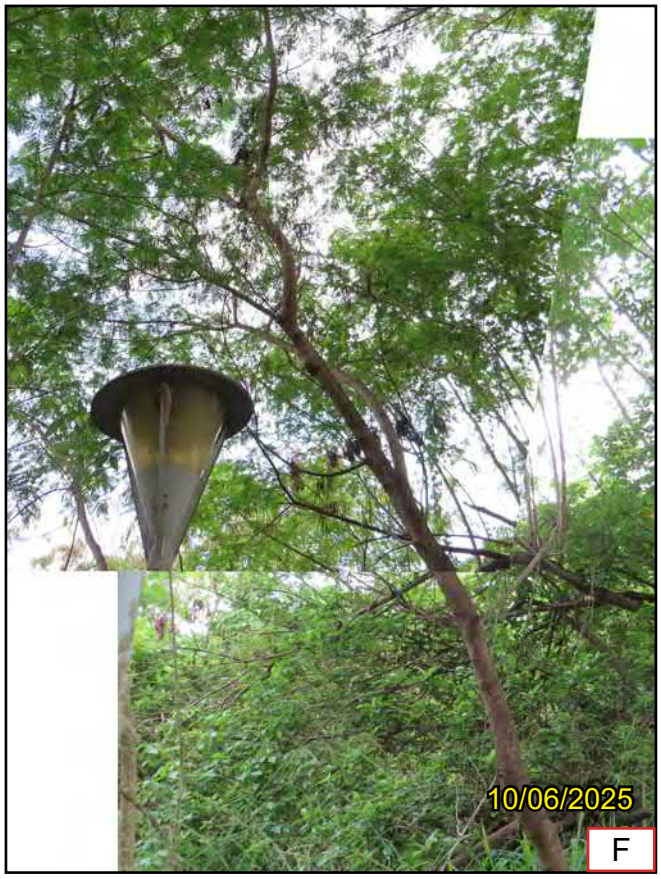


T381 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS612		REV -

ADI



T381A (OVERALL)



T381A (BASE)



T381A (TRUNK)



T381A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS613		REV -

ADI



T382 (OVERALL)



T382 (BASE)



T382 (TRUNK)



T382 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS614		REV -

ADI



T383 (OVERALL)



T383 (BASE)



T383 (TRUNK)



T383 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS615	REV	-

ADI



T384 (OVERALL)



T384 (BASE)



T384 (TRUNK)



T384 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS616	REV	-

ADI



T385 (OVERALL)



T385 (BASE)



T385 (TRUNK)



T385 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS617	REV	-

ADI



T386 (OVERALL)



T386 (BASE)



T386 (TRUNK)



T386 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS618		REV -

ADI



T387 (OVERALL)



T387 (BASE)



T387 (TRUNK)



T387 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS619		REV -

ADI



T388 (OVERALL)



T388 (BASE)



T388 (TRUNK)



T388 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS620		REV -

ADI



T389 (OVERALL)



T389 (BASE)



T389 (TRUNK)



T389 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS621		REV -

ADI



T389 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS622		REV -

ADI



T390 (OVERALL)



T390 (BASE)



T390 (TRUNK)



T390 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS623		REV -

ADI



T390 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS624	REV	-

ADI



T391 (OVERALL)



T391 (BASE)



T391 (TRUNK)



T391 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS625		REV -

ADI



T392 (OVERALL)



T392 (BASE)



T392 (TRUNK)



T392 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS626		REV -

ADI



T393 (OVERALL)



T393 (BASE)



T393 (TRUNK)



T393 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS627		REV -

ADI



T393 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS628	REV	-

ADI



T394 (OVERALL)



T394 (BASE)



T394 (TRUNK)



T394 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS629		REV -

ADI



T395 (OVERALL)



T395 (BASE)



T395 (TRUNK)



T395 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS630		REV -

ADI



T396 (OVERALL)



T396 (BASE)



T396 (TRUNK)



T396 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS631		REV -

ADI



T397 (OVERALL)



T397 (BASE)



T397 (TRUNK)



T397 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS632		REV -

ADI



T398 (OVERALL)



T398 (BASE)



T398 (TRUNK)



T398 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS633	REV	-

ADI



T399 (OVERALL)



T399 (BASE)



T399 (TRUNK)



T399 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS634		REV -

ADI



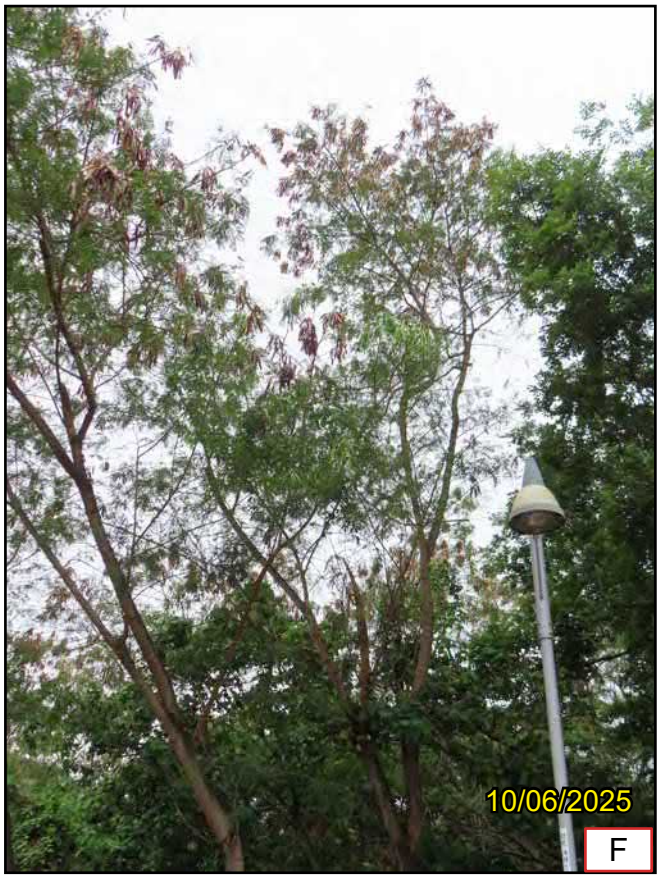
T400 (OVERALL)



T400 (BASE)



T400 (TRUNK)



T400 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS635		REV -

ADI



T401 (OVERALL)



T401 (BASE)



T401 (TRUNK)



T401 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS636		REV -

ADI



T403 (OVERALL)



T403 (BASE)



T403 (TRUNK)



T403 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS637		REV -

ADI



T404 (OVERALL)



T404 (BASE)



T404 (TRUNK)



T404 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS638		REV -

ADI



T406 (OVERALL)



T406 (BASE)



T406 (TRUNK)



T406 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS639	REV	-

ADI



T407 (OVERALL)



T407 (BASE)



T407 (TRUNK)



T407 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS640		REV -

ADI



T408 (OVERALL)



T408 (BASE)



T408 (TRUNK)



T408 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase I)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS641	REV	-

ADI



T408 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS642	REV	-

ADI



T408A (OVERALL)



T408A (BASE)



T408A(TRUNK)



T408A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS643		REV -

ADI



T408B (OVERALL)



T408B (BASE)



T408B (TRUNK)



T408B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS644		REV -

ADI



T409 (OVERALL)



T409 (BASE)



T409 (TRUNK)



T409 (CROWN)

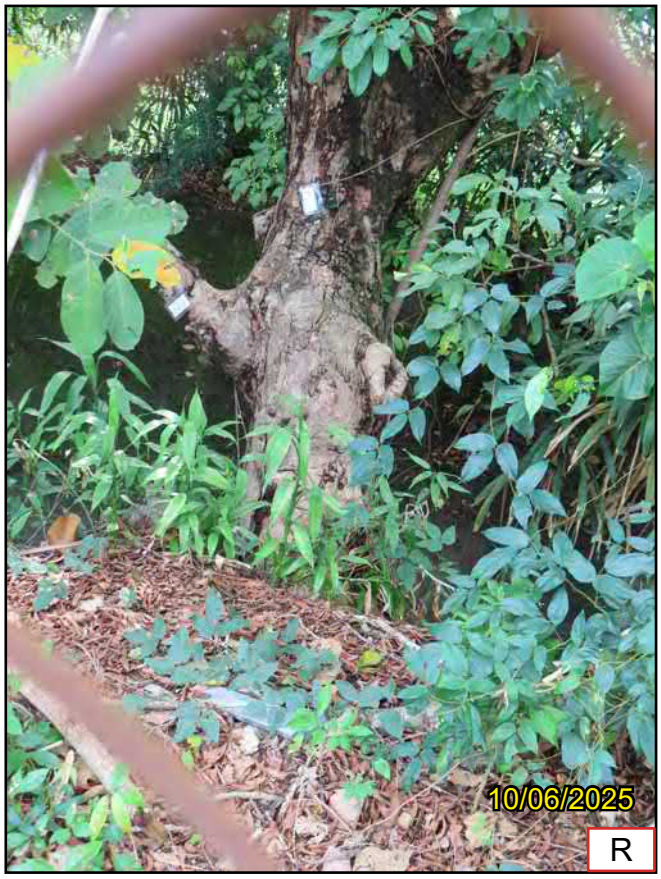
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS645		REV -

ADI



T410 (OVERALL)



T410 (BASE)



T410 (TRUNK)



T410 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS646	REV	-

ADI



T411 (OVERALL)



T411 (BASE)



T411 (TRUNK)



T411 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS647		REV -

ADI



T412 (OVERALL)



T412 (BASE)



T412 (TRUNK)



T412 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase I)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS648		REV -

ADI



T412A (OVERALL)



T412A (BASE)



T412A (TRUNK)



T412A (DEFECT 1)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS649	REV	-

ADI



T412A (DEFECT 2)



T412A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase I)	FIGURE NO.	CKPL58A - TS650		REV -

ADI



T44A (OVERALL)



T44A (BASE)



T44A (TRUNK)

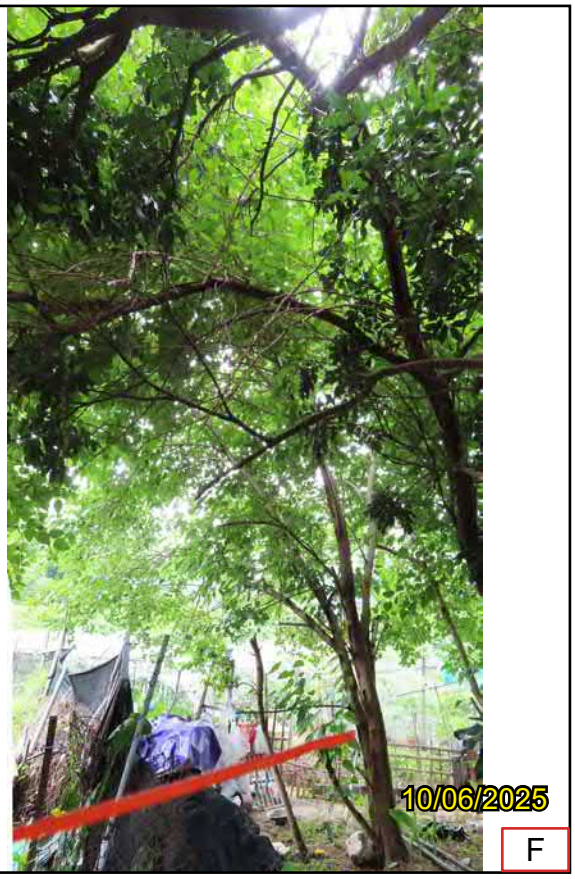


T44A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS01	REV	-

ADI



T58 (OVERALL)



T58 (BASE)



T58 (TRUNK)



T58 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase II)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS02	REV	-

ADI



T58 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS03	REV	-

ADI



T59 (OVERALL)



T59(BASE)



T59 (TRUNK)



T59 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase II)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS04	REV	-

ADI



T59 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS05	REV	-

ADI



T60 (OVERALL)



T60 (BASE)



T60 (TRUNK)



T60 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase II)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS06	REV	-

ADI



T60 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS07	REV	-

ADI



T61 (OVERALL)



T61 (BASE)



T61 (TRUNK)



T61 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS08	REV	-

ADI



T62 (OVERALL)



T62 (BASE)



T62 (TRUNK)



T62 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase II)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS09	REV	-

ADI



T63 (OVERALL)



T63 (BASE)



T63 (TRUNK)



T63 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS10		REV -

ADI



T64 (OVERALL)



T64 (BASE)



T64 (TRUNK)



T64 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS11	REV	-

ADI



T65 (OVERALL)



T65 (BASE)



T65 (TRUNK)



T65 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS12		REV -

ADI



T66 (OVERALL)



T66 (BASE)



T66 (TRUNK)



T66 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS13	REV	-

ADI



T67 (OVERALL)



T67 (BASE)



T67 (TRUNK)



T67 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase II)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS14		REV -

ADI



T68 (OVERALL)



T68 (BASE)



T68 (TRUNK)



T68 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS15	REV	-

ADI



T68 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS16	REV	-

ADI



T70 (OVERALL)



T70 (BASE)



T70 (TRUNK)



T70 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS17	REV	-

ADI



T71 (OVERALL)



T71 (BASE)



T71 (TRUNK)



T71 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS18	REV	-

ADI



T104 (OVERALL)



T104 (BASE)



T104 (TRUNK)



T104 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS19	REV	-

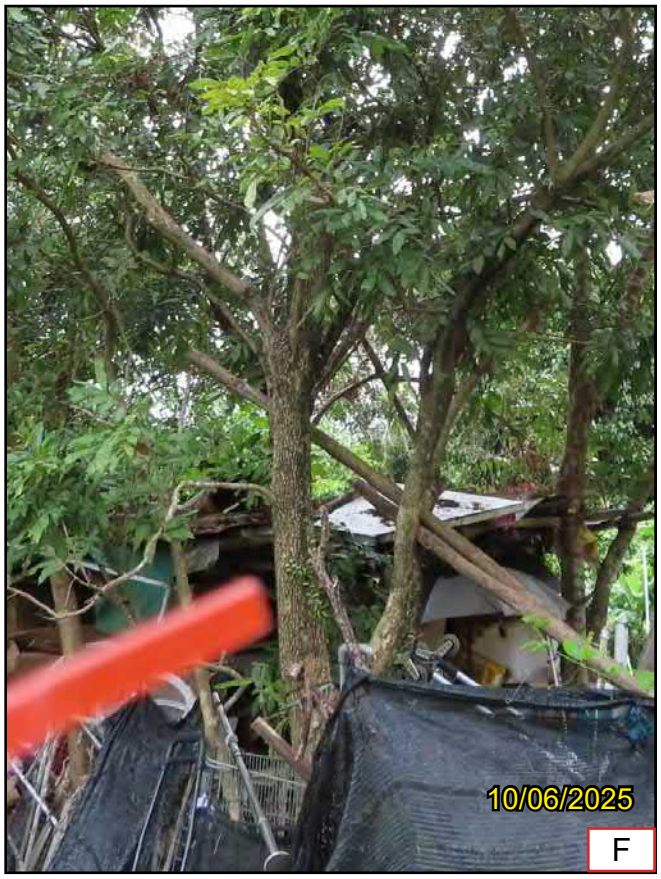
ADI



T105 (OVERALL)



T105 (BASE)



T105 (TRUNK)



T105 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase II)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS20	REV	-

ADI



T106 (OVERALL)



T106 (BASE)



T106 (TRUNK)



T106 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase II)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS21	REV	-

ADI



T109 (OVERALL)



T109 (BASE)



T109 (TRUNK)



T109 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS22	REV	-

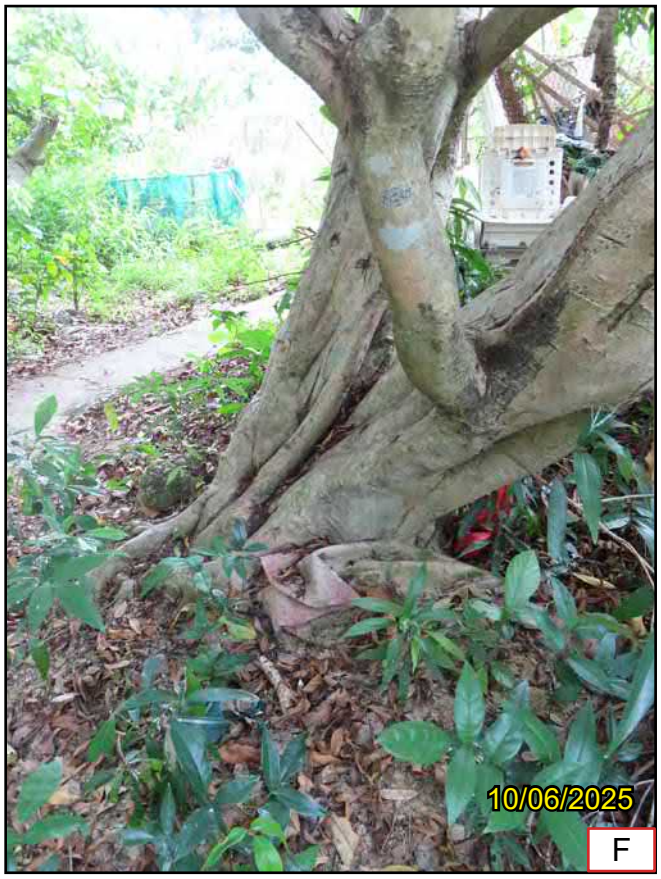
ADI



T109 (DEFECT)



T109 (DEFECT)



T109 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS23	REV	-

ADI



T113 (OVERALL)



T113 (BASE)



T113 (TRUNK)



T113 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS24	REV	-

ADI



T114 (OVERALL)



T114 (BASE)



T114 (TRUNK)



T114 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS25	REV	-

ADI



T115 (OVERALL)



T115 (BASE)



T115 (TRUNK)



T115 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS26	REV	-

ADI



T116 (OVERALL)



T116 (BASE)



T116 (TRUNK)



T116 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS27	REV	-

ADI



T117 (OVERALL)



T117 (BASE)



T117 (TRUNK)



T117 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS28	REV	-

ADI

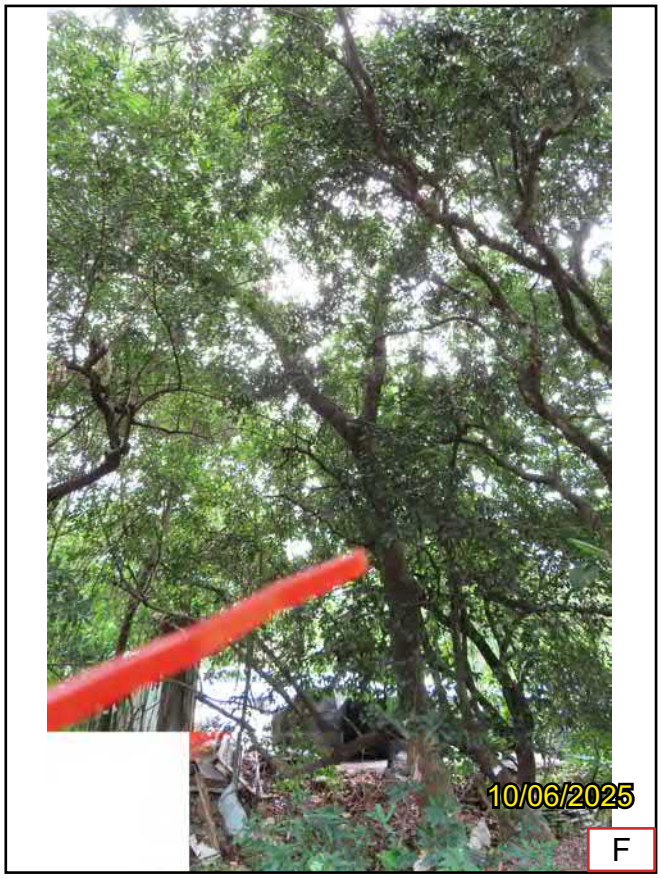


T117 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS29	REV	-

ADI



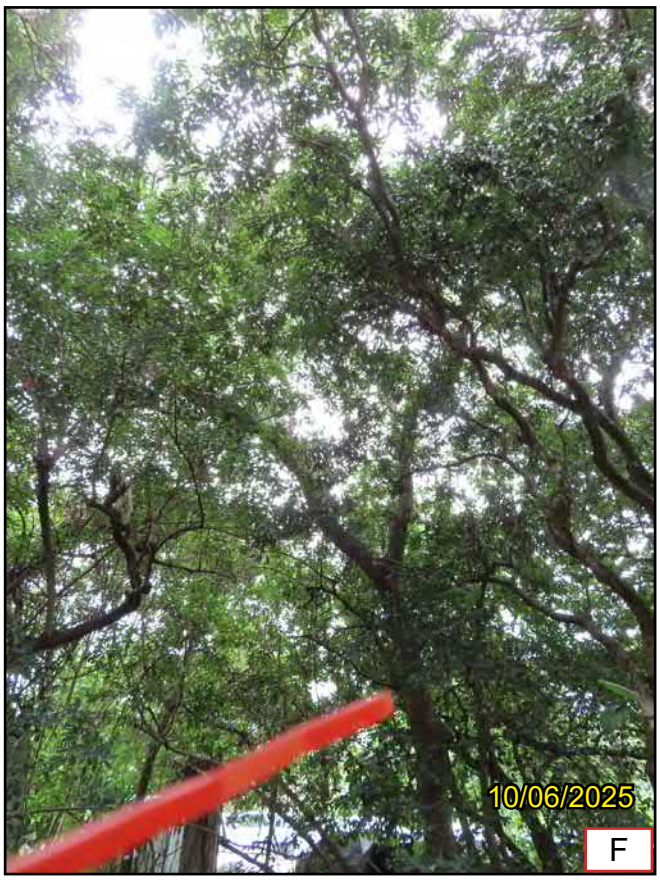
T118 (OVERALL)



T118 (BASE)



T118 (TRUNK)



T118 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS30		REV -

ADI



T119 (OVERALL)



T119 (BASE)



T119 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS31	REV	-

ADI

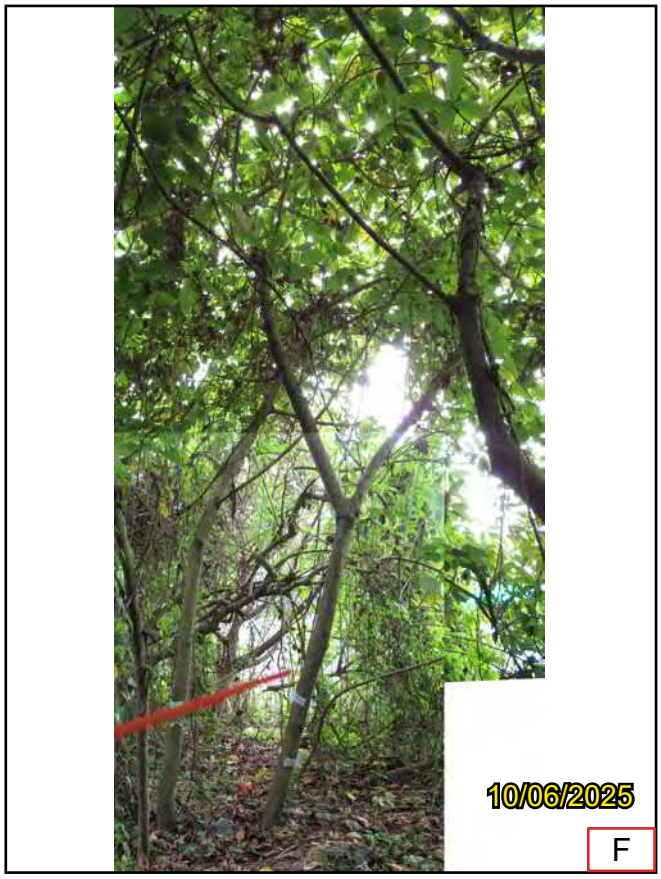


T119 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS32	REV	-

ADI



T120 (OVERALL)



T120 (BASE)



T120 (TRUNK)



T120 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS33	REV	-

ADI



T120A (OVERALL)



T120A (BASE)



T120A (TRUNK)



T120A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase II)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS34	REV	-

ADI



T121 (OVERALL)



T121 (BASE)



T121 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS35	REV	-

ADI



T121 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS36		REV -

ADI



T122 (OVERALL)



T122 (BASE)



T122 (TRUNK)



T122 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS37	REV	-

ADI



T122 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS38	REV	-

ADI



T123 (OVERALL)



T123 (BASE)



T123 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS39	REV	-

ADI



T123 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS40	REV	-

ADI



T124 (OVERALL)



T124 (BASE)



T124 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS41	REV	-

ADI



T124 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS42	REV	-

ADI



T125 (OVERALL)



T125 (BASE)



T125 (TRUNK)



T125 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS43	REV	-

ADI



T126 (OVERALL)



T126 (BASE)



T126 (TRUNK)



T126 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS44	REV	-

ADI



T126A (BASE)



T126A (TRUNK)



T126A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS45	REV	-

ADI



T126A (OVERALL)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS46	REV	-

ADI



T126B (OVERALL)



T126B (BASE)



T126B (TRUNK)



T126B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS47		REV -

ADI



T127 (OVERALL)



T127 (BASE)



T127 (TRUNK)



T127 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS48	REV	-

ADI



T128 (OVERALL)



T128 (BASE)



T128 (TRUNK)



T128 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS49	REV	-

ADI



T128A (OVERALL)



T128A (BASE)



T128A (TRUNK)



T128A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS50	REV	-

ADI



T128B (OVERALL)



T128B (BASE)



T128B (TRUNK)



T128B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS51	REV	-

ADI



T128C (OVERALL)



T128C (BASE)



T128C (TRUNK)



T128C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS52	REV	-

ADI

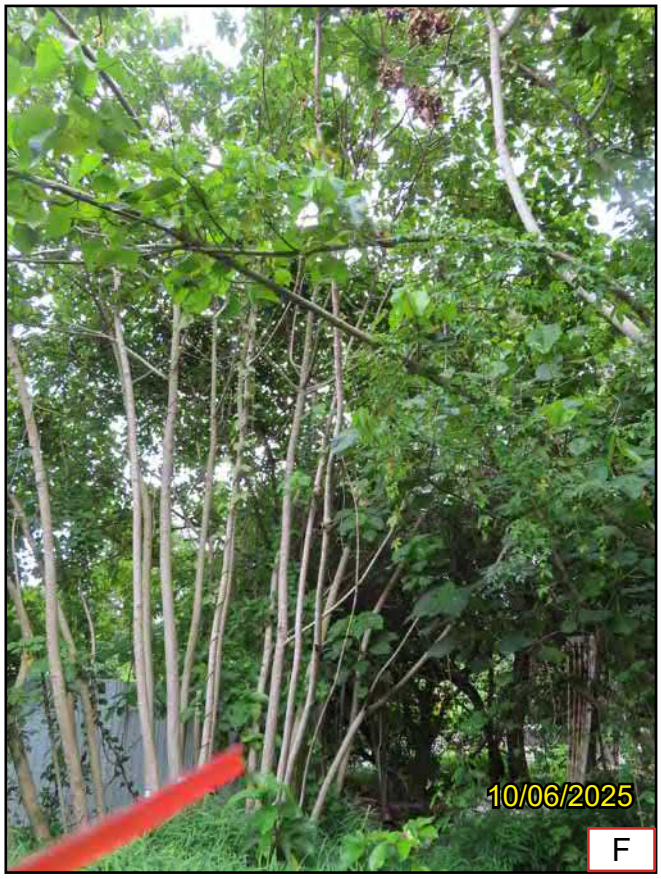


T128C (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS53	REV	-

ADI



T128D (OVERALL)



T128D (BASE)



T128D (TRUNK)



T128D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS54	REV	-

ADI



T128E (OVERALL)



T128E (BASE)



T128E (TRUNK)



T128E (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS55	REV	-

ADI



T128F (OVERALL)



T128F (BASE)



T128F (TRUNK)



T128F (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS56	REV	-

ADI



T128G (OVERALL)



T128G (BASE)



T128G (TRUNK)



T128G (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS57	REV	-

ADI



T128H (OVERALL)



T128H (BASE)



T128H (TRUNK)



T128H (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS58	REV	-

ADI



T128J (OVERALL)



T128J (BASE)



T128J (TRUNK)



T128J (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS59		REV -

ADI



T128K (OVERALL)



T128K (BASE)



T128K (TRUNK)



T128K (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS60	REV	-

ADI



T129 (OVERALL)



T129 (BASE)



T129 (TRUNK)



T129 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS61	REV	-

ADI



T129 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS62	REV	-

ADI



T130 (OVERALL)



T130 (BASE)



T130 (TRUNK)



T130 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories Photographic Record of Existing Trees (Area A Phase II)	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
	FIGURE NO.	CKPL58A - TS63		REV -

ADI



T130A (OVERALL)



T130A (BASE)



T130A (TRUNK)



T130A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS64	REV	-

ADI



T130B (OVERALL)



T130B (BASE)



T130B (TRUNK)

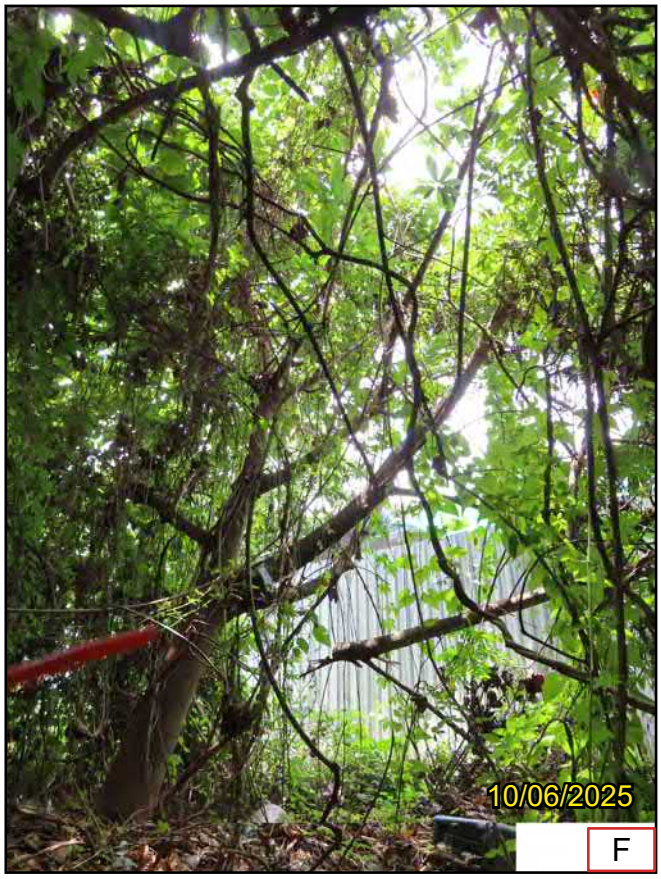


T130B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS65		REV -

ADI



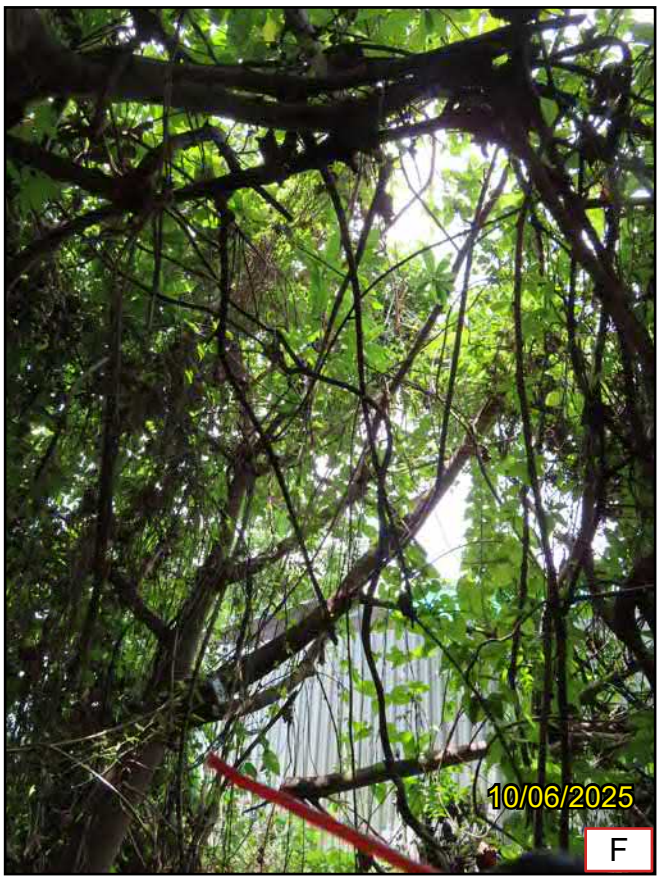
T131 (OVERALL)



T131 (BASE)



T131 (TRUNK)



T131 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS66	REV	-

ADI



T132 (OVERALL)



T132 (BASE)



T132 (TRUNK)



T132 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS67	REV	-

ADI



T136 (OVERALL)



T136 (BASE)



T136 (TRUNK)



T136 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS68	REV	-

ADI



T136C (OVERALL)



T136C (BASE)



T136C (TRUNK)



T136C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS69		REV -

ADI



T137 (OVERALL)



T137 (BASE)



T137 (TRUNK)

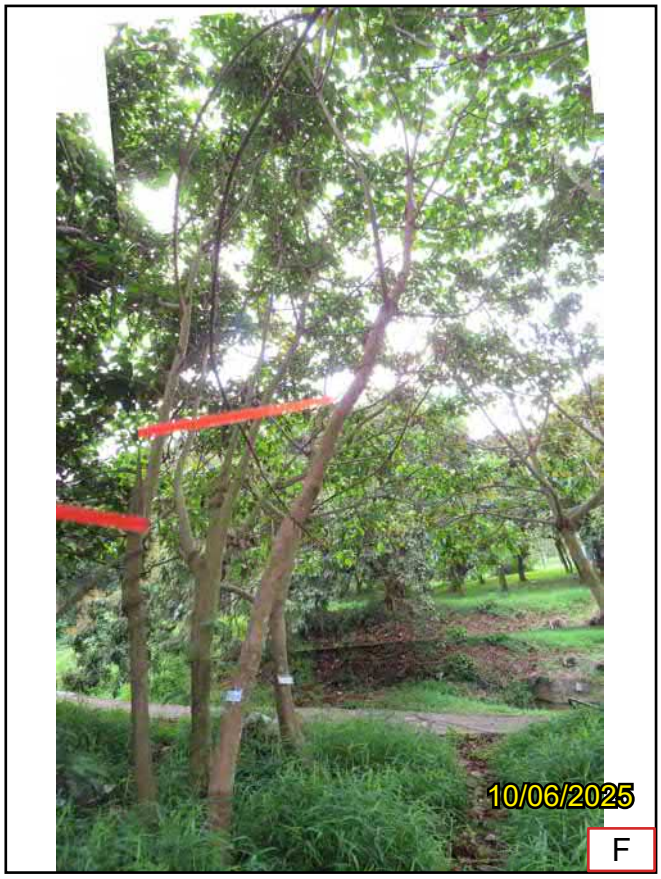


T137 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS70	REV	-

ADI



T137A (OVERALL)



T137A (BASE)



T137A (TRUNK)



T137A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS71		REV -

ADI



T137B (OVERALL)



T137B (BASE)



T137B (TRUNK)



T137B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS72		REV -

ADI



T137C (OVERALL)



T137C (BASE)



T137C (TRUNK)



T137C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS73	REV	-

ADI



T137D (OVERALL)



T137D (BASE)



T137D (TRUNK)



T137D (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS74		REV -

ADI



T137E (OVERALL)



T137E (BASE)



T137E (TRUNK)



T137E (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase II)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS75	REV	-

ADI



T137F (OVERALL)



T137F (BASE)



T137F (TRUNK)



T137F (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase II)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS76	REV	-

ADI



T137G (OVERALL)



T137G (BASE)



T137G (TRUNK)



T137G (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS77	REV	-

ADI



T138 (OVERALL)



T138 (BASE)



T138 (TRUNK)



T138 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS78	REV	-

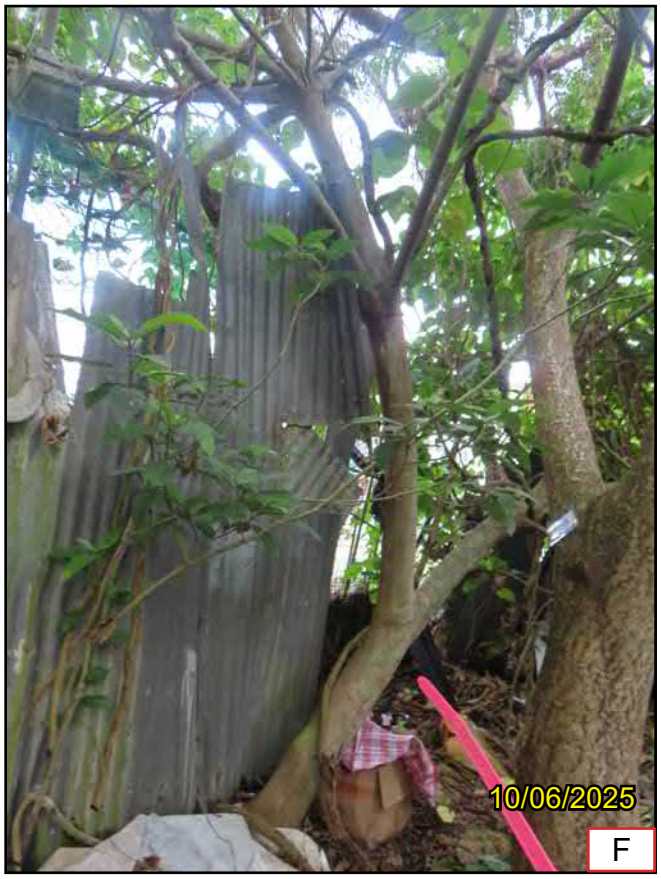
ADI



T139 (OVERALL)



T139 (BASE)



T139 (TRUNK)



T139 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees
(Area A Phase II)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A - TS79	REV	-

ADI



T140 (OVERALL)



T140 (BASE)



T140 (TRUNK)



T140 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS80		REV -

ADI



T141 (OVERALL)



T141 (BASE)



T141 (TRUNK)



T141 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS81	REV	-

ADI



T142 (OVERALL)



T142 (BASE)



T142 (TRUNK)



T142 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS82	REV	-

ADI



T144 (OVERALL)



T144 (BASE)



T144 (TRUNK)



T144 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS83	REV	-

ADI



T144 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS84	REV	-

ADI



T144A (OVERALL)



T144A (BASE)



T144A (TRUNK)



T144A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS85		REV -

ADI



T144A (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS86	REV	-

ADI



T144B (OVERALL)



T144B (BASE)



T144B (TRUNK)



T144B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS87	REV	-

ADI



T145 (OVERALL)



T145 (BASE)



T145 (TRUNK)



T145 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS88	REV	-

ADI



T145A (OVERALL)



T145A (BASE)



T145A (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS89	REV	-

ADI



T145A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS90	REV	-

ADI



T145B (OVERALL)



T145B (BASE)



T145B (TRUNK)



T145B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS91	REV	-

ADI



T147 (OVERALL)



T147 (BASE)



T147 (TRUNK)



T147 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS92	REV	-

ADI



T147 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS93	REV	-

ADI



T148 (OVERALL)



T148 (BASE)



T148 (TRUNK)



T148 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS94	REV	-

ADI



T148 (DEFECT)



T148 (DEFECT)



T148 (DEFECT)



T148 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS95	REV	-

ADI



T148A (OVERALL)



T148A (BASE)



T148A (TRUNK)



T148A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS96		REV -

ADI



T149 (BASE)



T149 (TRUNK)



T149 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS97	REV	-

ADI



T149 (OVERALL)



T149 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS98		REV -

ADI



T149A (OVERALL)



T149A (BASE)



T149A (TRUNK)



T149A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS99		REV -

ADI



T150 (OVERALL)



T150 (BASE)



T150 (TRUNK)



T150 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS100	REV	-

ADI



T150A (OVERALL)



T150A (BASE)



T150A (TRUNK)



T150A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS101		REV -

ADI



T201 (OVERALL)



T201 (BASE)



T201 (TRUNK)



T201 (CROWN)

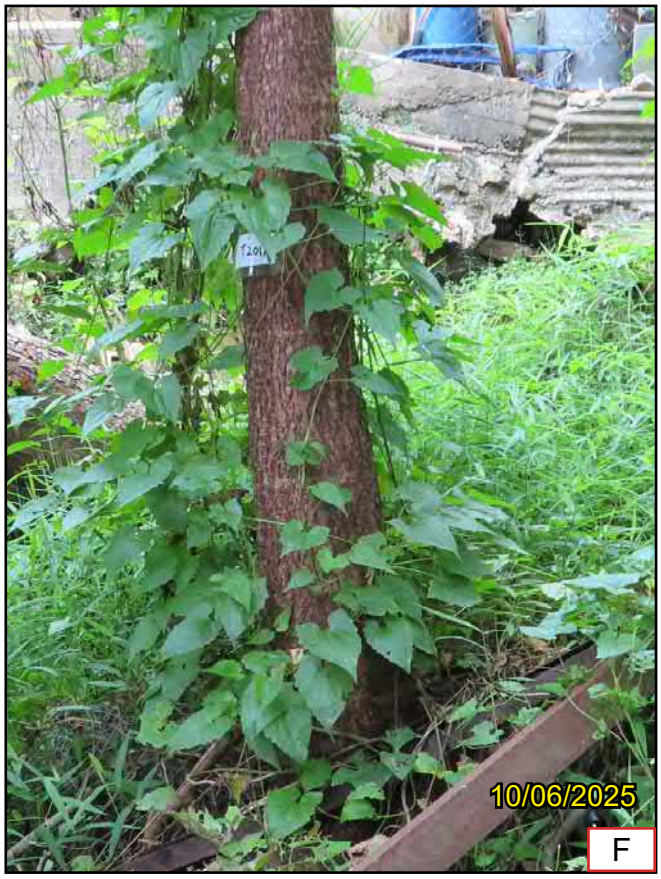
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS102	REV	-

ADI



T201A (OVERALL)



T201A (BASE)



T201A (TRUNK)



T201A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS103		REV -

ADI



T201B (OVERALL)



T201B (BASE)



T201B (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS104	REV	-

ADI



T201B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS105		REV -

ADI



T201C (OVERALL)



T201C (BASE)

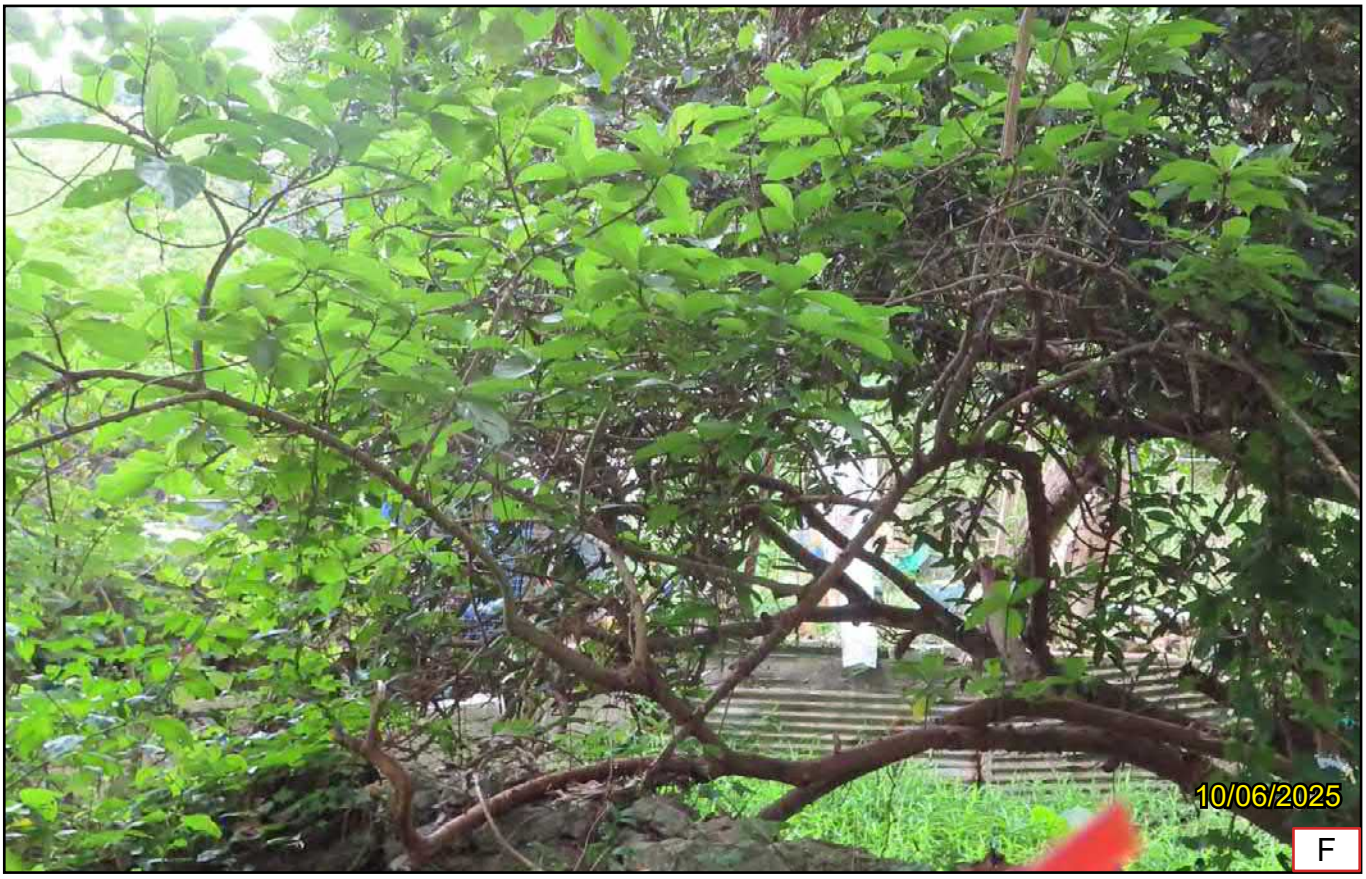


T201C (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS106	REV	-

ADI



T201C (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS107		REV -

ADI



T218 (OVERALL)



T218 (BASE)



T218 (TRUNK)



T218 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS108	REV	-

ADI



T218 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area A Phase II)	FIGURE NO.	CKPL58A - TS109	REV	-

ADI



T418 (OVERALL)



T418 (BASE)



T418 (TRUNK)



T418 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS01	REV	-

ADI



T419 (OVERALL)



T419 (BASE)



T419 (TRUNK)



T419 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS02	REV	-

ADI



T420 (OVERALL)



T420 (BASE)



T420 (TRUNK)



T420 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS03	REV	-

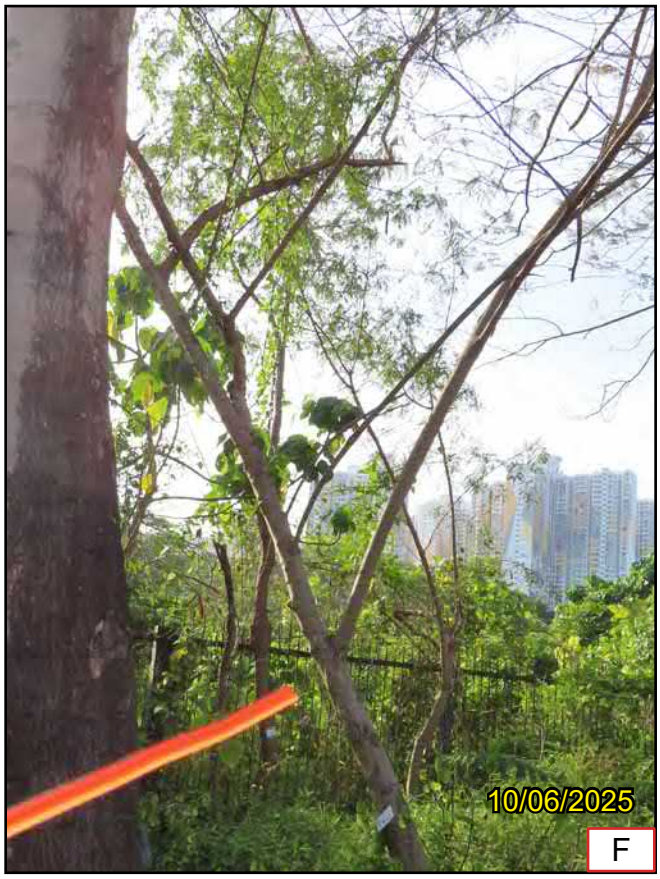
ADI



T422 (OVERALL)



T422 (BASE)



T422 (TRUNK)



T422 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS04	REV	-

ADI



T422A (OVERALL)



T422A (BASE)



T422A (TRUNK)



T422A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS05	REV	-

ADI



T422B (OVERALL)



T422B (BASE)



T422B (TRUNK)



T422B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS06	REV	-

ADI



T423 (OVERALL)



T423 (BASE)



T423 (TRUNK)



T423 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS07	REV	-

ADI



T424 (OVERALL)



T424 (BASE)



T424 (TRUNK)



T424 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS08	REV	-

ADI



T425 (OVERALL)



T425 (TRUNK)



T425 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS09		REV -

ADI



T425 (BASE)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS10	REV	-

ADI



T425A (OVERALL)



T425A (BASE)



T425A (TRUNK)



T425A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS11		REV -

ADI



T426 (OVERALL)



T426 (BASE)



T426 (TRUNK)



T426 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS12	REV	-

ADI



T427 (OVERALL)



T427 (BASE)



T427 (TRUNK)



T427 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS13	REV	-

ADI



T428 (OVERALL)



T428 (BASE)



T428 (TRUNK)



T428 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS14	REV	-

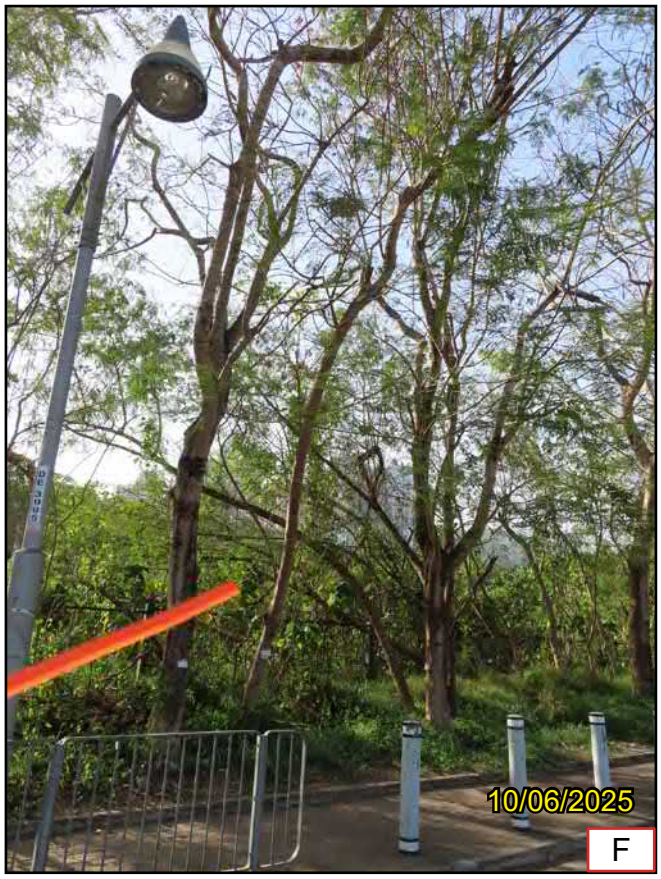
ADI



T429 (OVERALL)



T429 (BASE)



T429 (TRUNK)



T429 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS15	REV	-

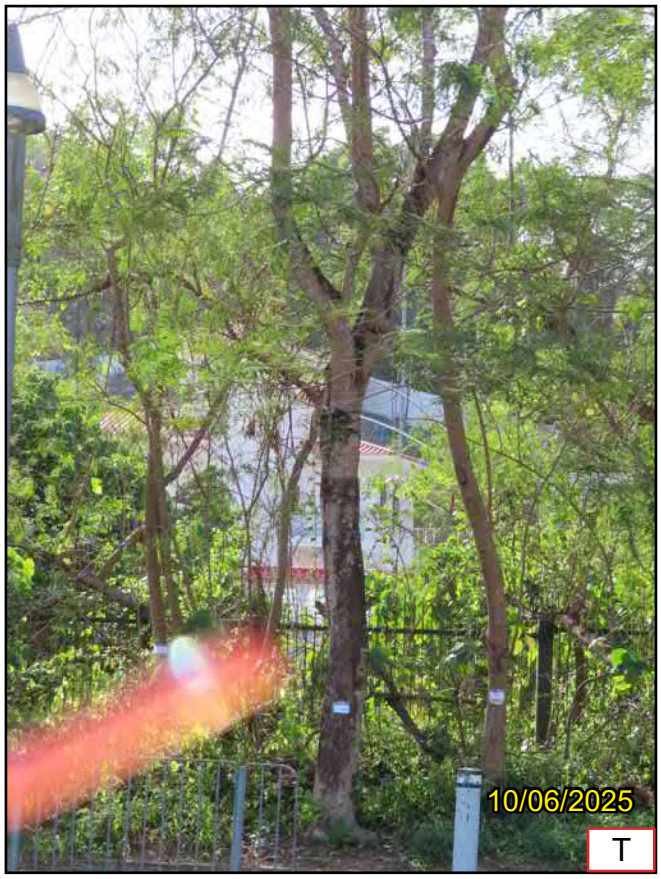
ADI



T430 (OVERALL)



T430 (BASE)



T430 (TRUNK)



T430 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS16	REV	-

ADI



T431 (OVERALL)



T431 (BASE)



T431 (TRUNK)



T431 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS17	REV	-

ADI



T432 (OVERALL)



T432 (BASE)



T432 (TRUNK)



T432 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS18	REV	-

ADI



T432 (CROWN)



T432 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS19	REV	-

ADI



T433 (OVERALL)



T433 (BASE)



T433 (TRUNK)



T433 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS20	REV	-

ADI



T434 (OVERALL)



T434 (BASE)



T434 (TRUNK)



T434 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS21	REV	-

ADI



T434A (OVERALL)



T434A (BASE)



T434A (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS22		REV -

ADI



T434A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS23	REV	-

ADI



T435 (OVERALL)



T435 (BASE)



T435 (TRUNK)



T435 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS24	REV	-

ADI



T436 (OVERALL)



T436 (BASE)



T436 (TRUNK)



T436 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS25	REV	-

ADI



T437 (OVERALL)



T437 (BASE)



T437 (TRUNK)



T437 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS26	REV	-

ADI



T437A (OVERALL)



T437A (BASE)



T437A (TRUNK)



T437A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS27	REV	-

ADI



T437B (OVERALL)



T437B (BASE)



T437B (TRUNK)



T437B (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS28	REV	-

ADI



T438 (OVERALL)



T438 (BASE)



T438 (TRUNK)



T438 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS29	REV	-

ADI



T438A (OVERALL)



T438A (BASE)



T438A (TRUNK)



T438A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS30		REV -

ADI



T439 (OVERALL)



T439 (BASE)



T439 (TRUNK)



T439 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS31	REV	-

ADI



T440 (OVERALL)



T440 (TRUNK)



T440 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS32	REV	-

ADI



T440 (TRUNK)



T440 (BASE)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS33	REV	-

ADI



T441 (OVERALL)



T441 (BASE)



T441 (TRUNK)



T441 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS34	REV	-

ADI



T441A (OVERALL)



T441A (BASE)



T441A (TRUNK)



T441A (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS35	REV	-

ADI



T442 (OVERALL)



T442 (BASE)



T442 (TRUNK)



T442 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees (Area B)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A- TS36	REV	-

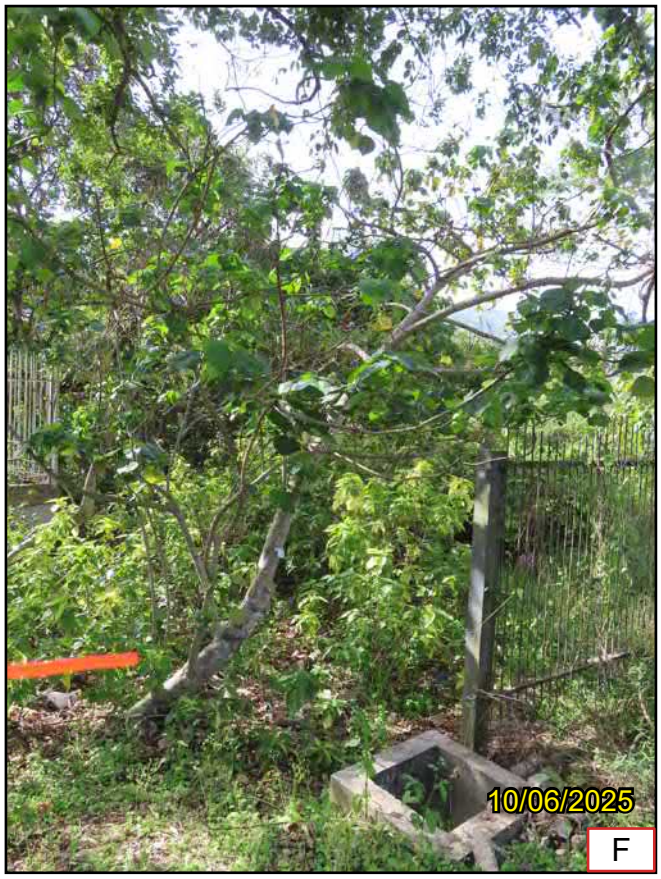
ADI



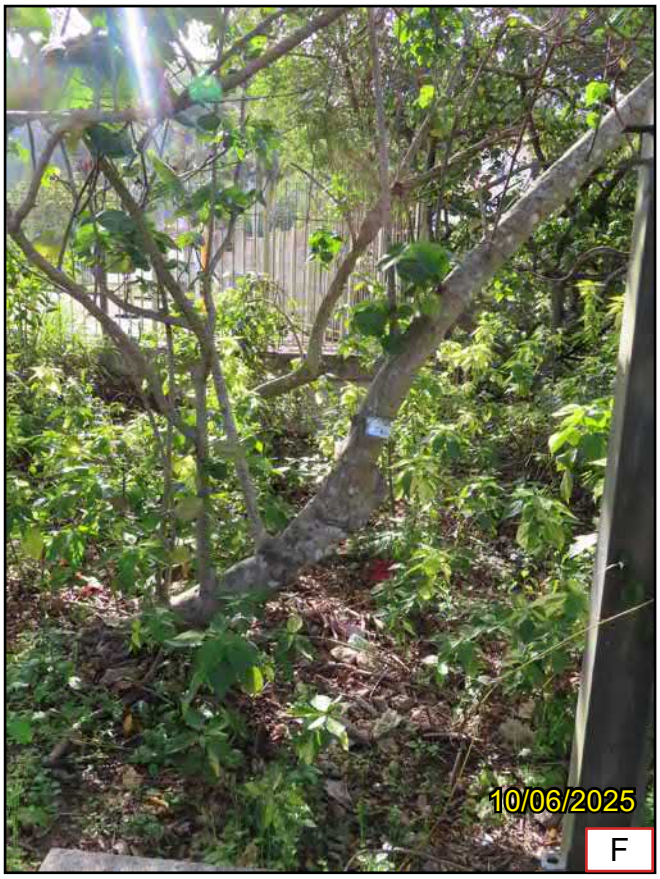
T443 (OVERALL)



T443 (BASE)



T443 (TRUNK)



T443 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees (Area B)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A- TS37	REV	-

ADI



T443 (CROWN)



T443 (BASE)

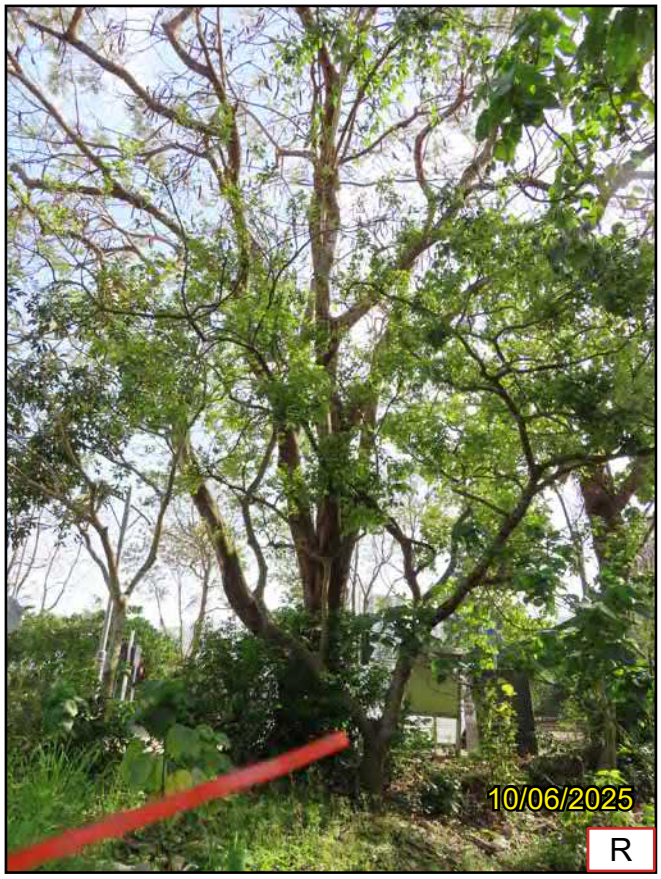


T443 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS38	REV	-

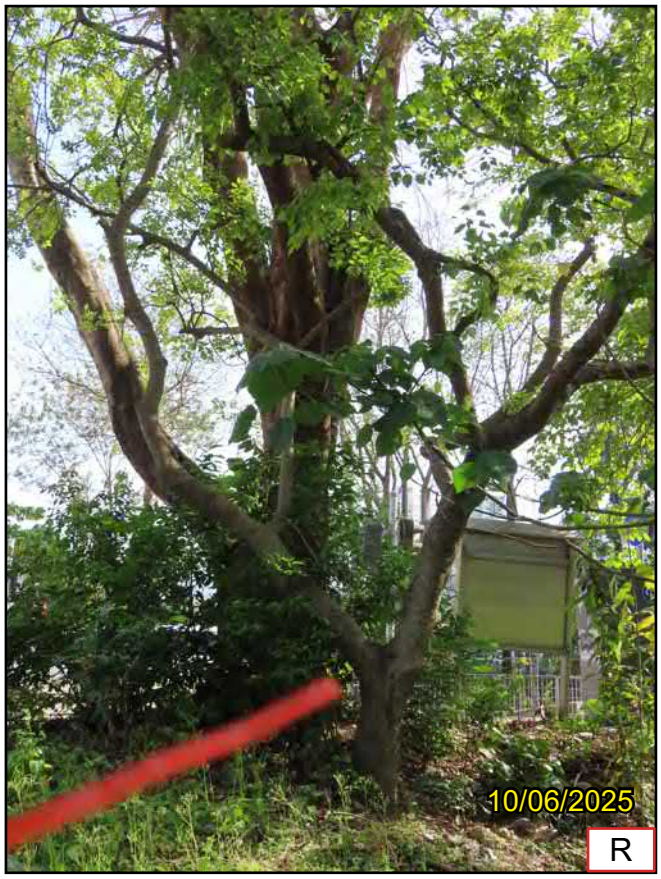
ADI



T444 (OVERALL)



T444 (BASE)



T444 (TRUNK)



T444 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees (Area B)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A- TS39	REV	-

ADI



T444 (CROWN)

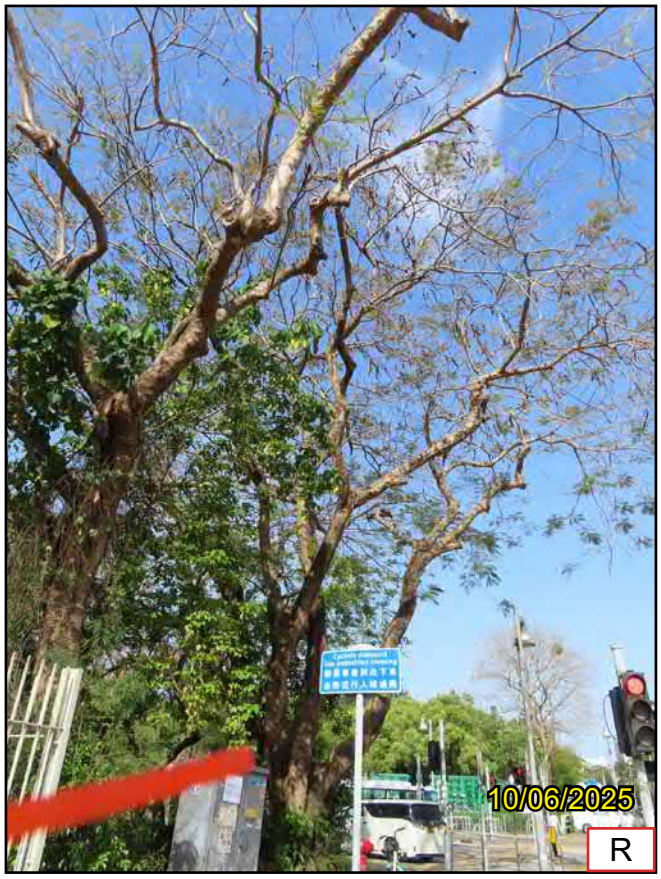


T444 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS40	REV	-

ADI



T445 (OVERALL)



T445 (BASE)



T445 (TRUNK)



T445 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS41	REV	-

ADI



T445 (CROWN)

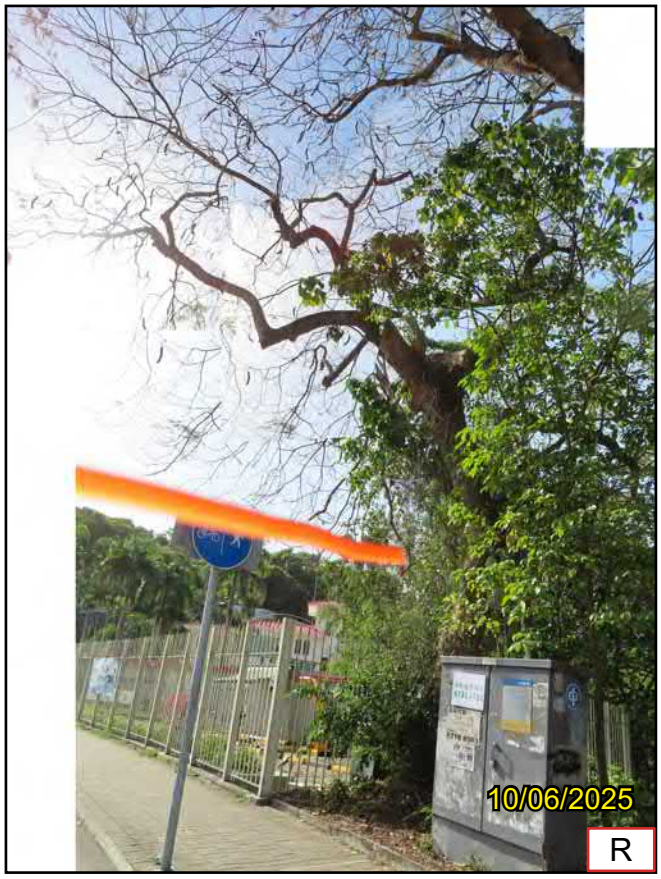


T445 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS42	REV	-

ADI



T446 (OVERALL)



T446 (BASE)



T446 (TRUNK)



T446 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS43	REV	-

ADI



T447 (OVERALL)



T447 (BASE)



T447 (TRUNK)



T447 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees (Area B)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A- TS44	REV	-

ADI



T448 (OVERALL)



T448 (BASE)



T448 (TRUNK)

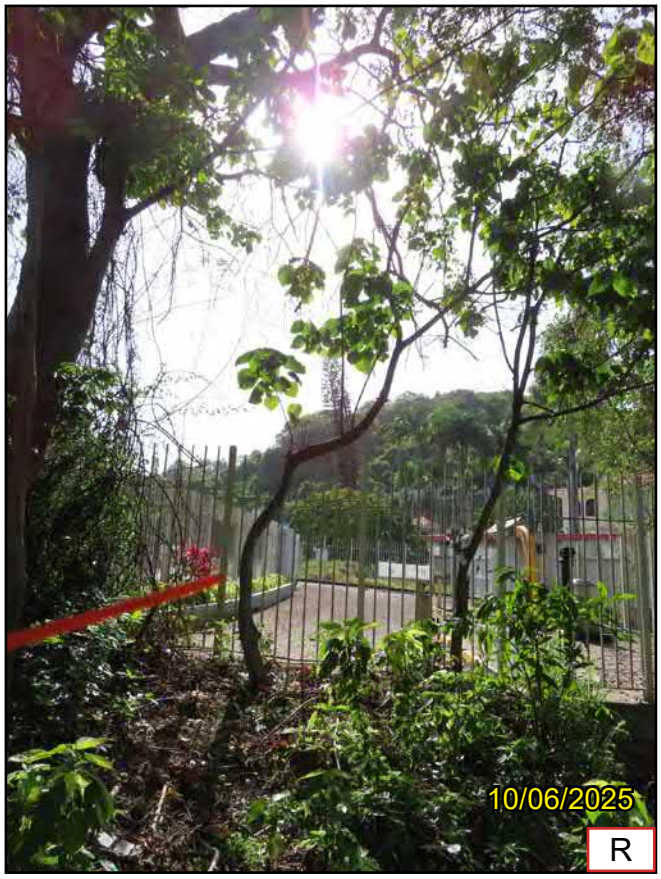


T448 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS45	REV	-

ADI



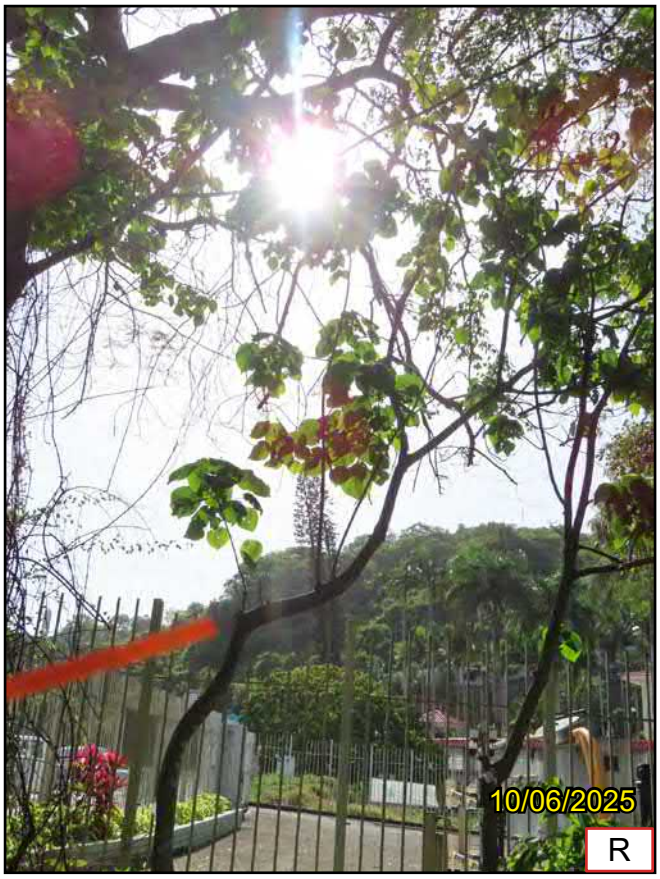
T449 (OVERALL)



T449 (BASE)



T449 (TRUNK)



T449 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS46		REV -

ADI



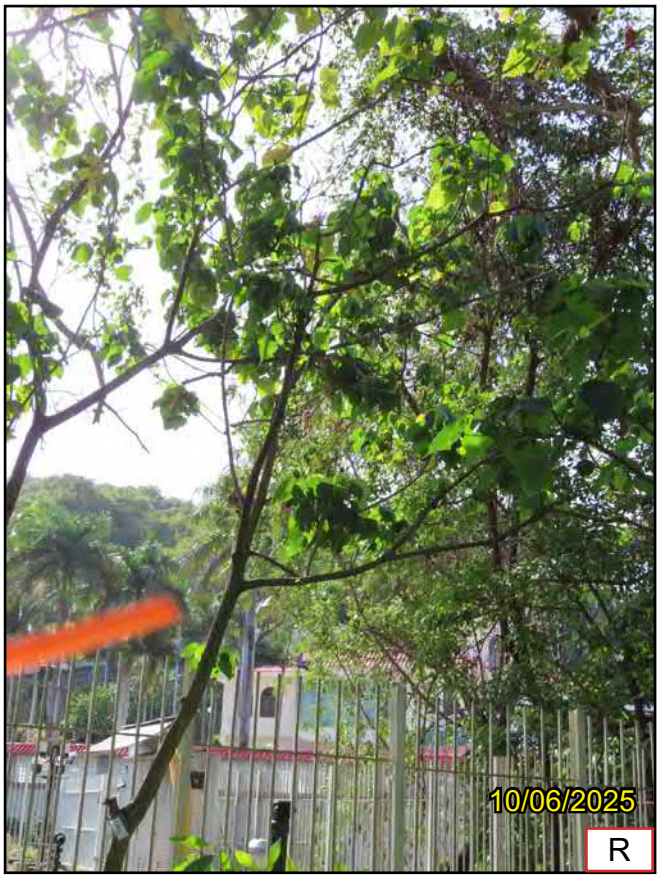
T450 (OVERALL)



T450 (BASE)



T450 (TRUNK)



T450 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS47	REV	-

ADI



T458 (OVERALL)



T458 (BASE)



T458 (TRUNK)



T458 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories

Photographic Record of Existing Trees (Area B)

SCALE	N.T.S.	DATE	AUGUST 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	CKPL58A- TS48	REV	-

ADI



T458 (DEFECT)



T458 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS49	REV	-

ADI



T459 (OVERALL)



T459 (TRUNK)



T459 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS50	REV	-

ADI



T459 (BASE)



T459 (BASE)



T459 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS51	REV	-

ADI



T460 (OVERALL)



T460 (TRUNK)



T460 (BASE)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS52	REV	-

ADI



T460 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS53	REV	-

ADI



T461 (OVERALL)



T461 (BASE)



T461 (TRUNK)



T461 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS54	REV	-

ADI



T461 (CROWN)



T461 (DEFECT)



T461 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS55	REV	-

ADI



T462 (OVERALL)



T462 (BASE)



T462 (TRUNK)



T462 (BASE)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS56	REV	-

ADI



T462 (CROWN)



T462 (DEFECT)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS57	REV	-

ADI



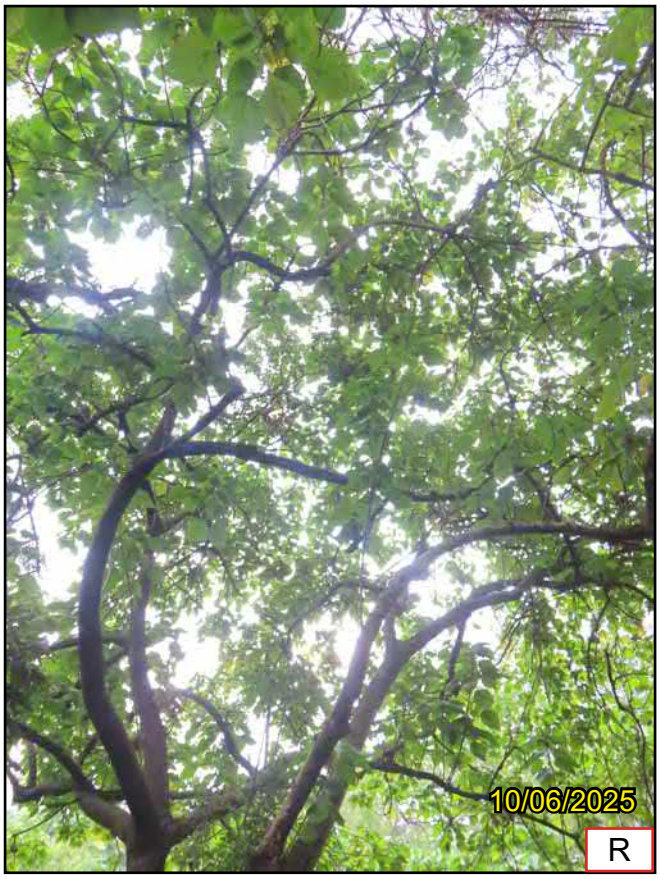
T463 (OVERALL)



T463 (BASE)



T463 (TRUNK)



T463 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS58	REV	-

ADI



T464 (OVERALL)



T464 (BASE)



T464 (TRUNK)



T464 (TRUNK)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS59	REV	-

ADI



T464 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS60	REV	-

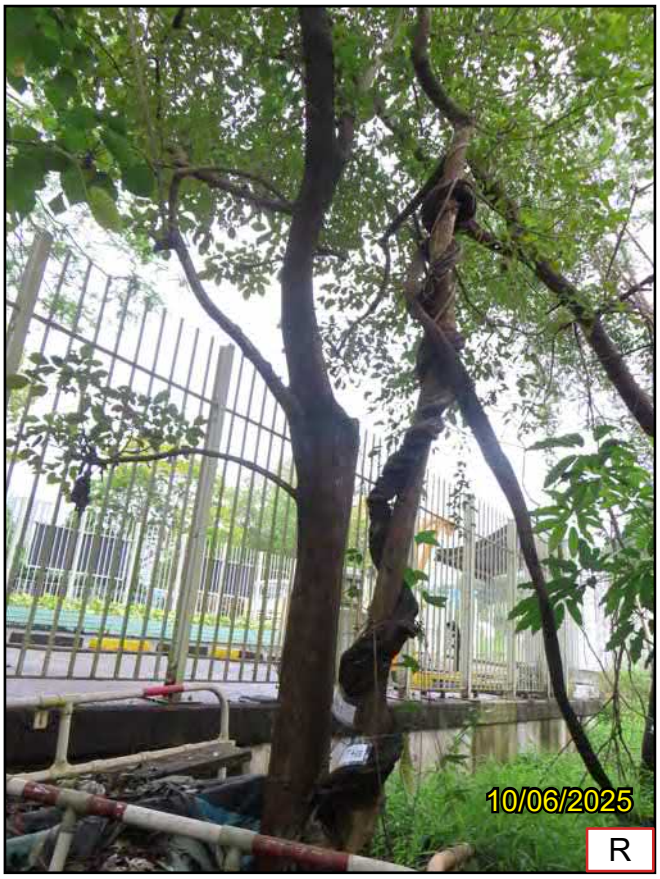
ADI



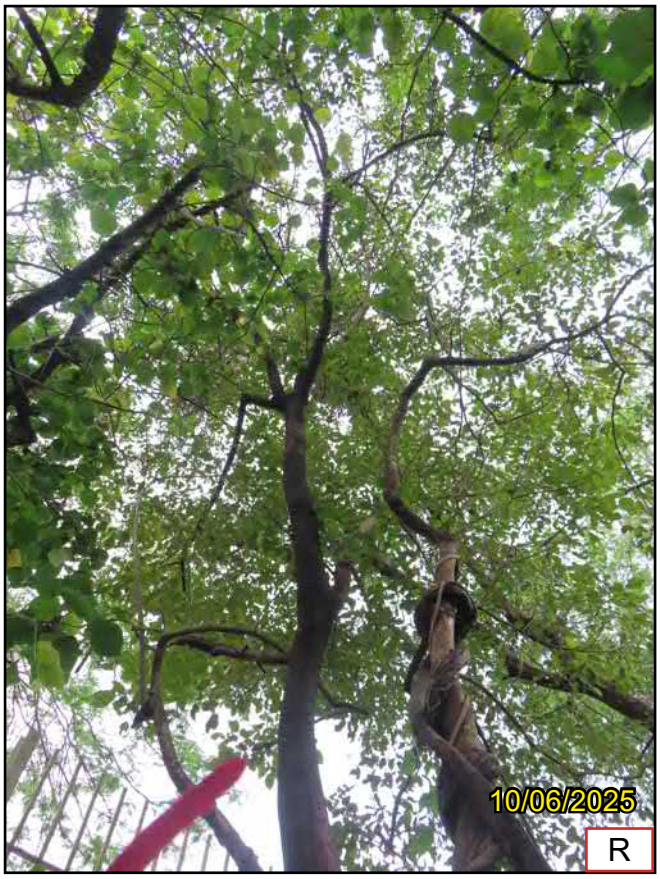
T465 (OVERALL)



T465 (BASE)



T465 (TRUNK)



T465 (CROWN)

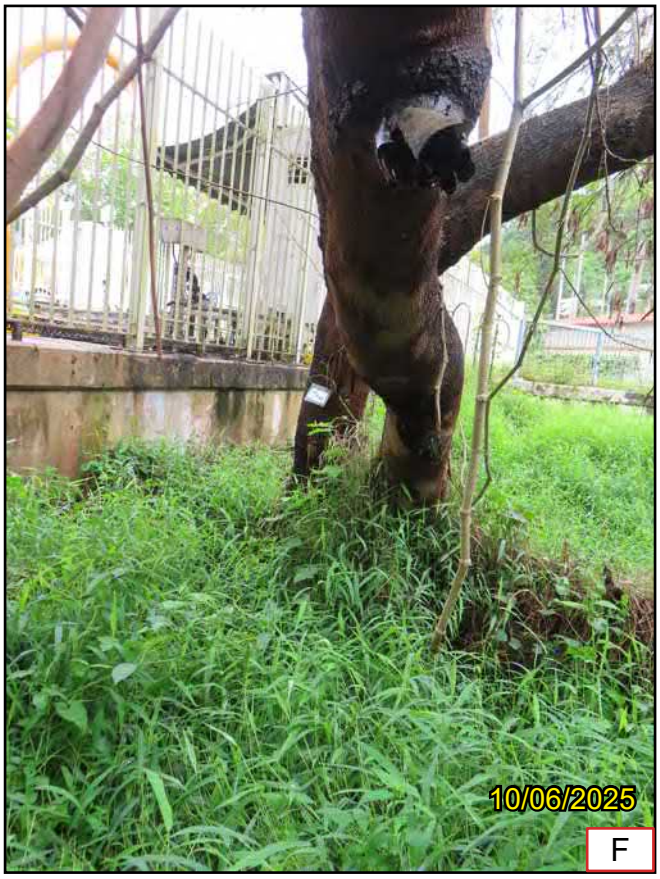
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS61	REV	-

ADI



T466 (OVERALL)



T466 (BASE)



T466 (TRUNK)



T466 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS62	REV	-

ADI



T467 (OVERALL)



T467 (BASE)



T467 (TRUNK)



T467 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS63	REV	-

ADI



T468 (OVERALL)



T468 (TRUNK)



T468 (BASE)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS64	REV	-

ADI



T468 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS65	REV	-



T470 (OVERALL)



T470 (BASE)



T470 (TRUNK)



T470 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS66	REV	-

ADI



T471 (OVERALL)



T471 (BASE)



T471 (TRUNK)



T471 (CROWN)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS67	REV	-

ADI



T472 (OVERALL)



T472 (TRUNK)



T472 (BASE)

R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS68	REV	-

ADI



T472 (CROWN)

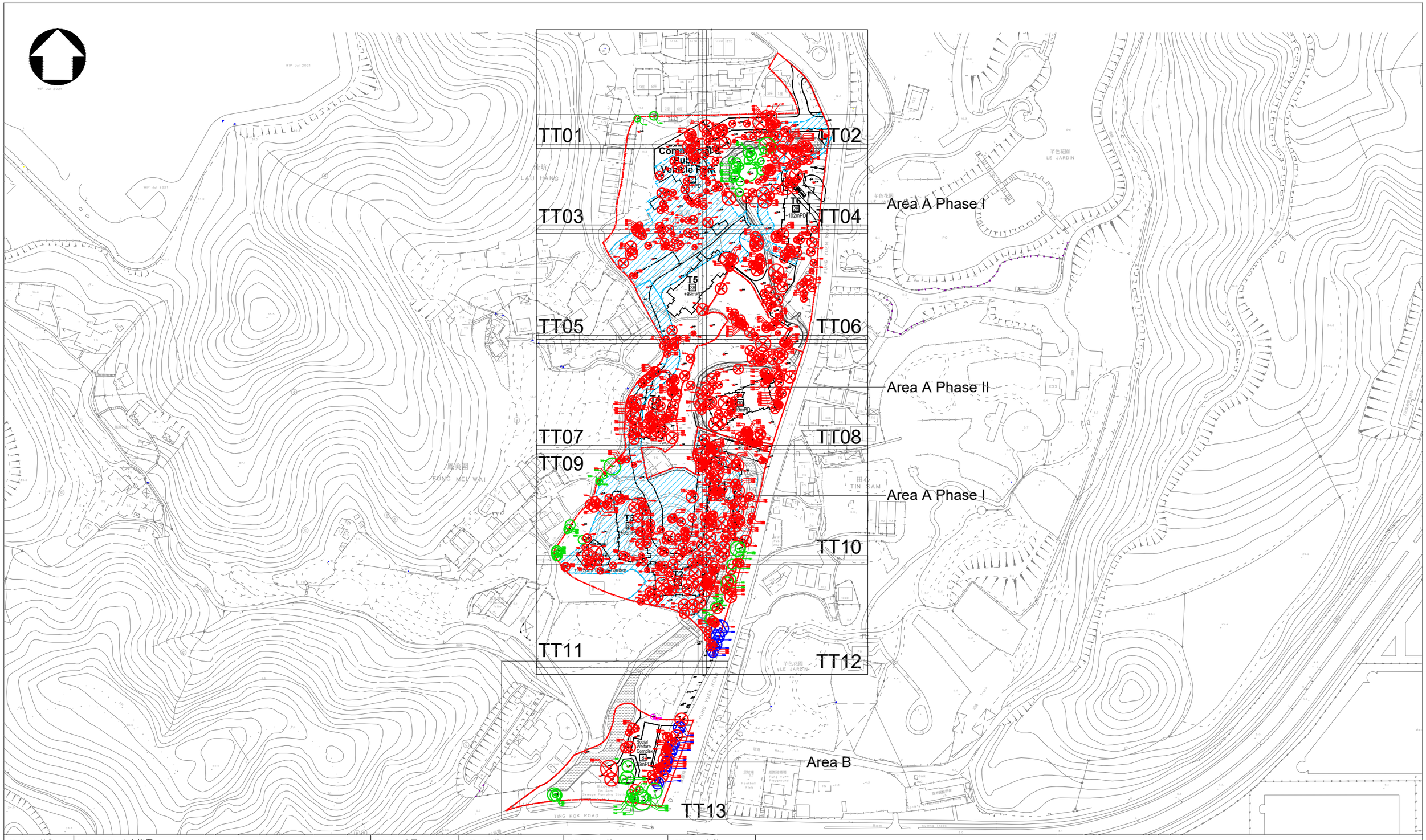
R-Retain T-Transplant F-Fell

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land at Fung Yuen, Tai Po, New Territories	SCALE	N.T.S.	DATE	AUGUST 2025
	CHECKED	ELK	DRAWN	TEAM
Photographic Record of Existing Trees (Area B)	FIGURE NO.	CKPL58A- TS69	REV	-

ADI

Annex IV

Tree Treatment Plan



REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN
(1 OF 14)

SCALE 比例 A3 1:2100
DATE 日期 SEPTEMBER 2025
REVISION 校訂
DRAWING NUMBER 圖號 CKPL58A-TT00

DESIGNED 設計 TEAM
DRAWN 繪圖 CADD
CHECKED 審核 ELK
APPROVED 審批 ALL

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TELEPHONE 2131 8630 FACSIMILE 2131 8609 電話: (八五二) 二一三一 八六三零 傳真: (八五二) 二一三一 八六零九

CAD FILENAME : TT_20250915.DWG

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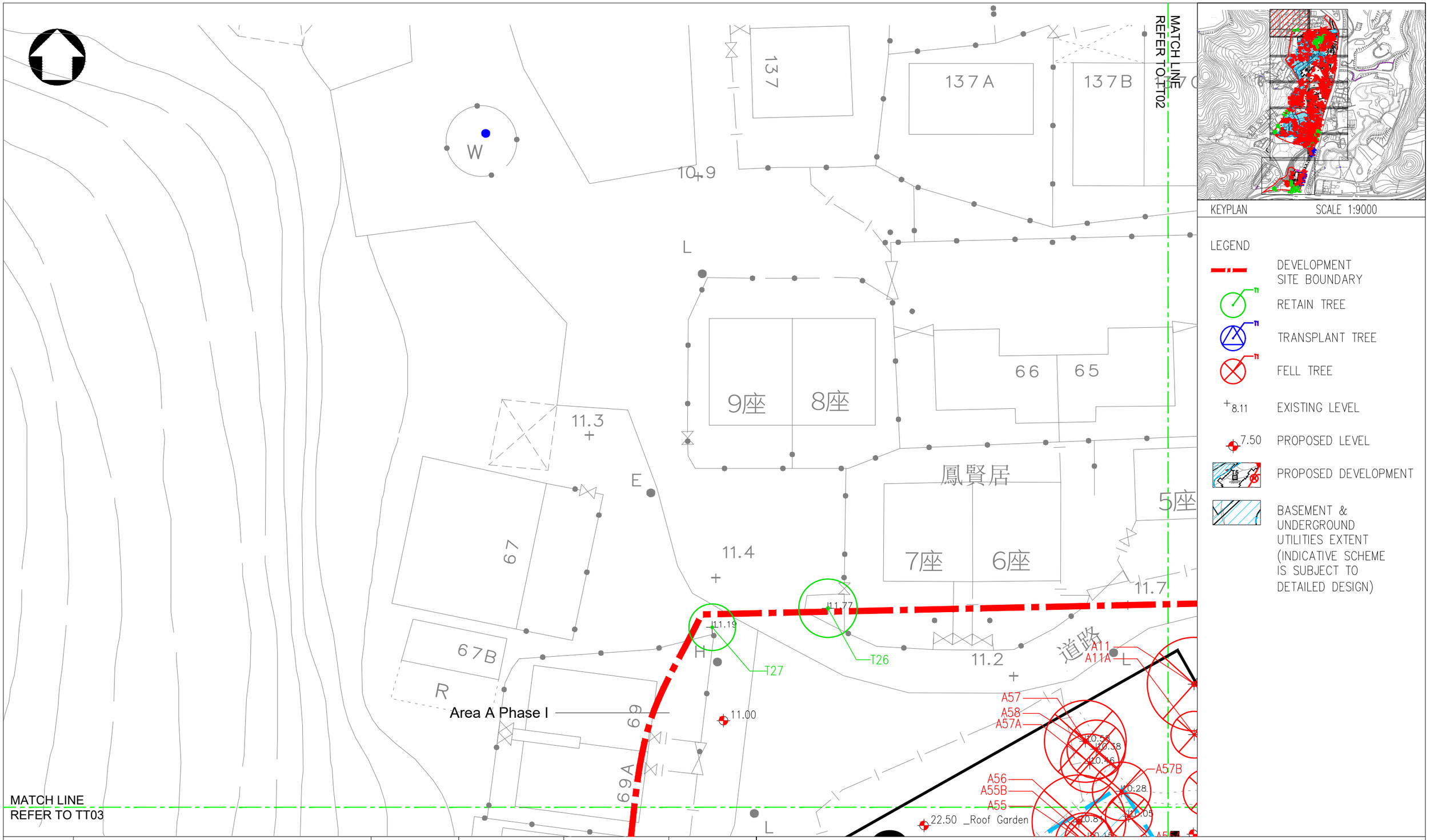

KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
- +8.11 EXISTING LEVEL
- 7.50 PROPOSED LEVEL
- PROPOSED DEVELOPMENT
- BASEMENT & UNDERGROUND UTILITIES EXTENT (INDICATIVE SCHEME IS SUBJECT TO DETAILED DESIGN)

REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (2 OF 14)

SCALE 比例: A3 1:300
DATE 日期: SEPTEMBER 2025
REVISION 校訂:
DRAWING NUMBER 圖號: CKPL58A–TT01

DESIGNED 設計: TEAM
DRAWN 繪圖: CADD
CHECKED 審核: ELK
APPROVED 審批: ALL

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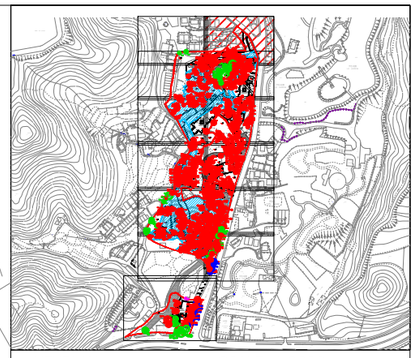
香港上環文咸西街十八號盤谷銀行大廈十樓
TELEPHONE 2131 8630 FACSIMILE 2131 8609
電話: (八五二) 二一三一 八六三零 傳真: (八五二) 二一三一 八六零九

CAD FILENAME : TT_20250915.DWG





KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
- +8.11 EXISTING LEVEL
- 7.50 PROPOSED LEVEL
- PROPOSED DEVELOPMENT
- BASEMENT & UNDERGROUND UTILITIES EXTENT (INDICATIVE SCHEME IS SUBJECT TO DETAILED DESIGN)

REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (3 OF 14)

SCALE 比例 A3 1:300
DATE 日期 SEPTEMBER 2025
REVISION 校訂
DRAWING NUMBER 圖號 CKPL58A-TT02

DESIGNED 設計 TEAM
DRAWN 繪圖 CADD
CHECKED 審核 ELK
APPROVED 審批 ALL

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10/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG 香港上環文咸西街十八號盤谷銀行大廈十樓
TELEPHONE 2131 8630 FACSIMILE 2131 8609 電話: (八五二) 二一三一 八六三零 傳真: (八五二) 二一三一 八六零九

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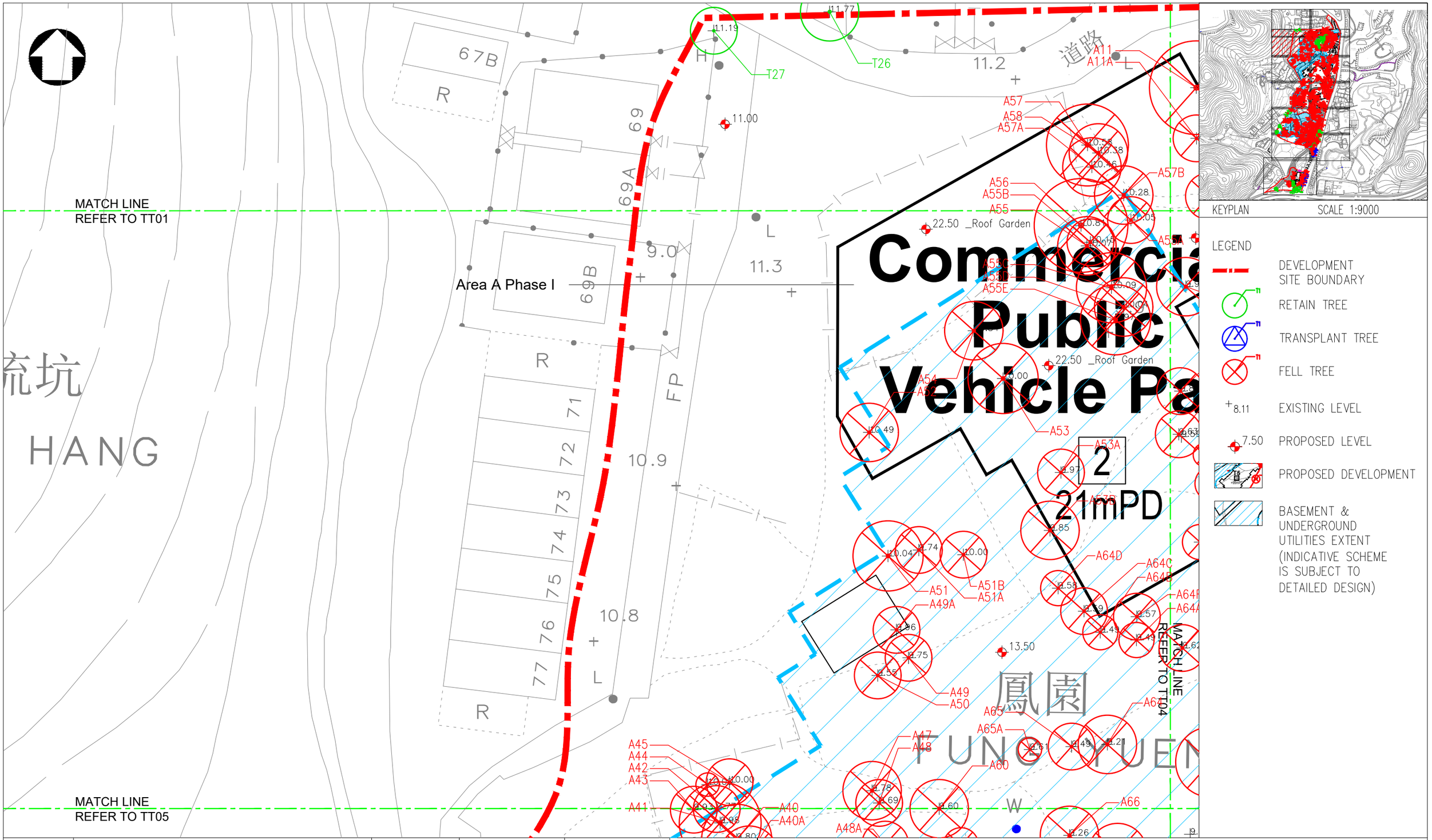

KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
- +8.11 EXISTING LEVEL
- 7.50 PROPOSED LEVEL
- PROPOSED DEVELOPMENT
- BASEMENT & UNDERGROUND UTILITIES EXTENT (INDICATIVE SCHEME IS SUBJECT TO DETAILED DESIGN)

REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (4 OF 14)

SCALE 比例 A3 1:300
DATE 日期 SEPTEMBER 2025
REVISION 校訂
DRAWING NUMBER 圖號 CKPL58A–TT03

DESIGNED 設計 TEAM
DRAWN 繪圖 CADD
CHECKED 審核 ELK
APPROVED 審批 ALL

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10/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG 香港上環文咸西街十八號盤谷銀行大廈十樓
TELEPHONE 2131 8630 FACSIMILE 2131 8609 電話: (八五二) 二一三一 八六三零 傳真: (八五二) 二一三一 八六零九

CAD FILENAME : TT_20250915.DWG

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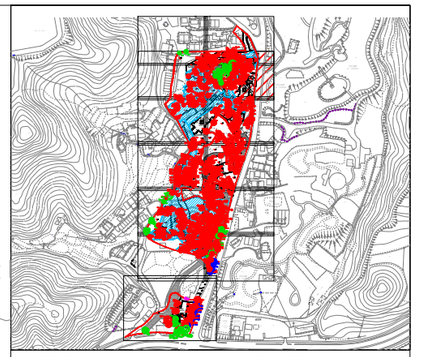

KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
- +8.11 EXISTING LEVEL
- 7.50 PROPOSED LEVEL
- PROPOSED DEVELOPMENT
- BASEMENT & UNDERGROUND UTILITIES EXTENT (INDICATIVE SCHEME IS SUBJECT TO DETAILED DESIGN)

MATCH LINE REFER TO TT02

Area A Phase I

T6

28

+102mPD

MATCH LINE REFER TO TT03

MATCH LINE REFER TO TT06

REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (5 OF 14)

SCALE 比例: A3 1:300
DATE 日期: SEPTEMBER 2025
REVISION 校訂:
DRAWING NUMBER 圖號: CKPL58A-TT04

DESIGNED 設計: TEAM
DRAWN 繪圖: CADD
CHECKED 審核: ELK
APPROVED 審批: ALL

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TELEPHONE 2131 8630 FACSIMILE 2131 8609 電話: (八五二) 二一三一 八六三零 傳真: (八五二) 二一三一 八六零九

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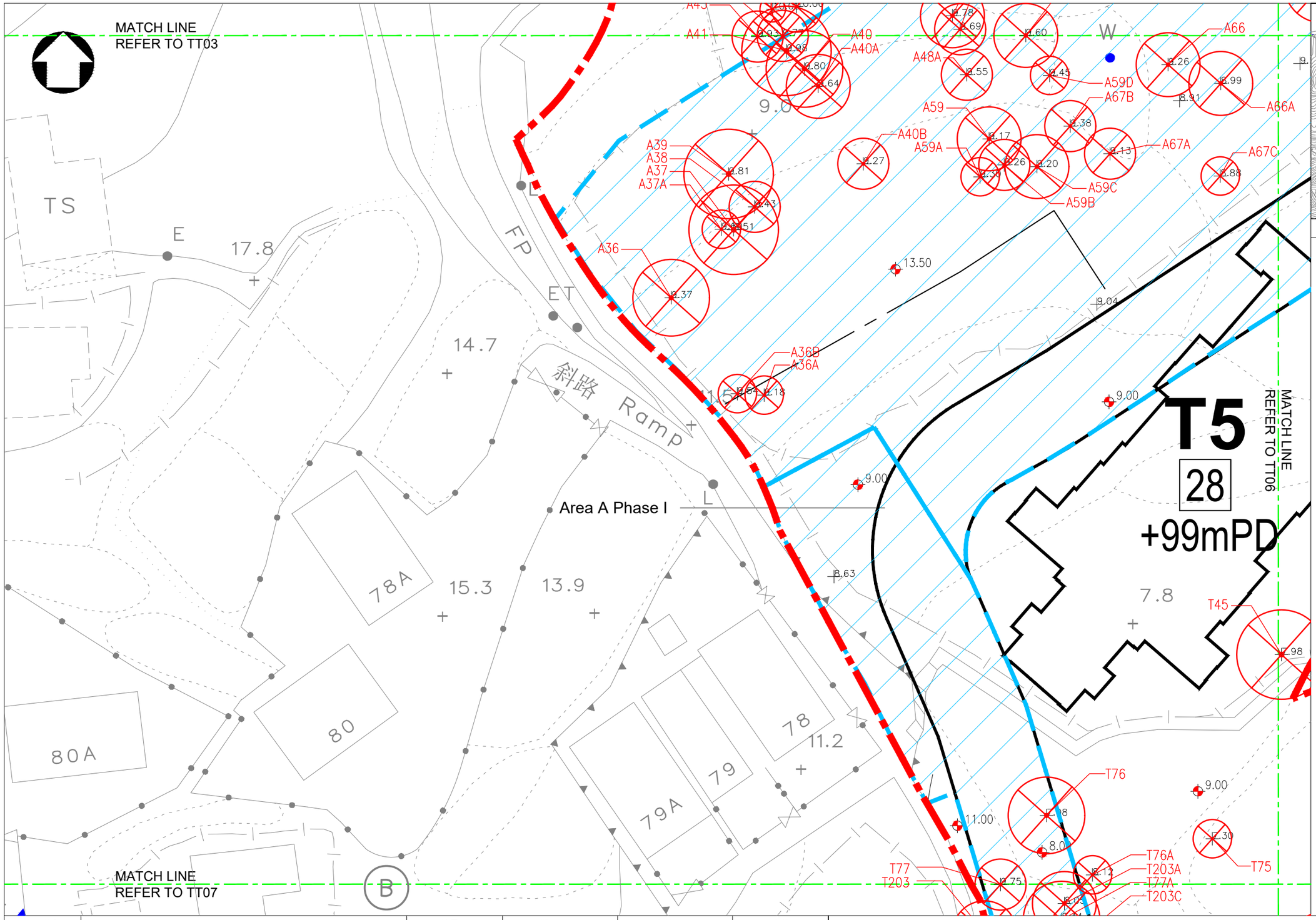

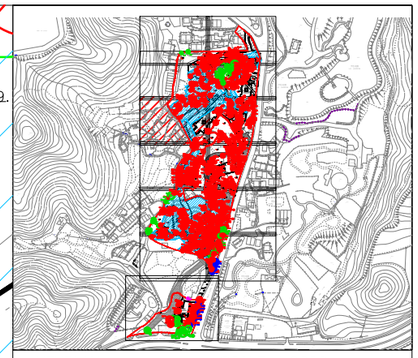

KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
- 8.11 EXISTING LEVEL
- 7.50 PROPOSED LEVEL
- PROPOSED DEVELOPMENT
- BASEMENT & UNDERGROUND UTILITIES EXTENT (INDICATIVE SCHEME IS SUBJECT TO DETAILED DESIGN)

REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (6 OF 14)

SCALE 比例: A3 1:300
DATE 日期: SEPTEMBER 2025
REVISION 校訂
DRAWING NUMBER 圖號: CKPL58A-TT05

DESIGNED 設計: TEAM
DRAWN 繪圖: CADD
CHECKED 審核: ELK
APPROVED 審批: ALL

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INTERNATIONAL SERVICES IN ENVIRONMENTAL MANAGMENT, PLANNING, URBAN DESIGN AND LANDSCAPE ARCHITECTURE 國際環境管理,城市規劃及設計,園境建築顧問服務
10/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG 香港上環文咸西街十八號盤谷銀行大廈十樓
TELEPHONE 2131 8630 FACSIMILE 2131 8609 電話: (八五二) 二一三一 八六三零 傳真: (八五二) 二一三一 八六零九

CAD FILENAME : TT_20250915.DWG

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MATCH LINE
REFER TO TT04

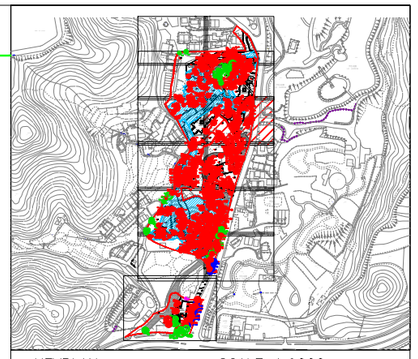
MATCH LINE
REFER TO TT05

MATCH LINE
REFER TO TT08

FUNG YUEN ROAD

Area A Phase I

Area A Phase II



KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
- +8.11 EXISTING LEVEL
- 7.50 PROPOSED LEVEL
- PROPOSED DEVELOPMENT
- BASEMENT & UNDERGROUND UTILITIES EXTENT (INDICATIVE SCHEME IS SUBJECT TO DETAILED DESIGN)

REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (7 OF 14)

SCALE 比例 A3 1:300
DATE 日期 SEPTEMBER 2025
REVISION 校訂
DRAWING NUMBER 圖號 CKPL58A–TT06

DESIGNED 設計 TEAM
DRAWN 繪圖 CADD
CHECKED 審核 ELK
APPROVED 審批 ALL

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TELEPHONE 2131 8630 FACSIMILE 2131 8609 電話: (八五二) 二一三一 八六三零 傳真: (八五二) 二一三一 八六零九

CAD FILENAME : TT_20250915.DWG

MATCH LINE
REFER TO TT05

MATCH LINE
REFER TO TT08

MATCH LINE
REFER TO TT09

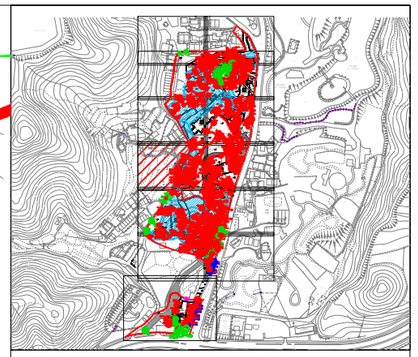
Area A Phase I

Area A Phase II

T4

29

+99mPD



KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
- +8.11 EXISTING LEVEL
- 7.50 PROPOSED LEVEL
- PROPOSED DEVELOPMENT
- BASEMENT & UNDERGROUND UTILITIES EXTENT (INDICATIVE SCHEME IS SUBJECT TO DETAILED DESIGN)

REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

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PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (8 OF 14)

SCALE 比例: A3 1:300
DATE 日期: SEPTEMBER 2025
REVISION 校訂:
DRAWING NUMBER 圖號: CKPL58A–TT07

DESIGNED 設計: TEAM
DRAWN 繪圖: CADD
CHECKED 審核: ELK
APPROVED 審批: ALL

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CAD FILENAME : TT_20250915.DWG

MATCH LINE
REFER TO TT07

MATCH LINE
REFER TO TT06

Area A Phase I

Area A Phase II

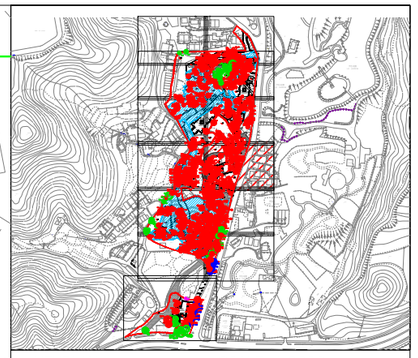
Area A Phase I

MATCH LINE
REFER TO TT10

T7

30

+99mPD



KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
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- 7.50 PROPOSED LEVEL
- PROPOSED DEVELOPMENT
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REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (9 OF 14)

SCALE 比例 A3 1:300
DATE 日期 SEPTEMBER 2025
REVISION 校訂
DRAWING NUMBER 圖號 CKPL58A-TT08

DESIGNED 設計 TEAM
DRAWN 繪圖 CADD
CHECKED 審核 ELK
APPROVED 審批 ALL

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TELEPHONE 2131 8630 FACSIMILE 2131 8609
電話: (八五二) 二一三一 八六三零 傳真: (八五二) 二一三一 八六零九

CAD FILENAME : TT_20250915.DWG

MATCH LINE
REFER TO TT07

Area A Phase II

Area A Phase I

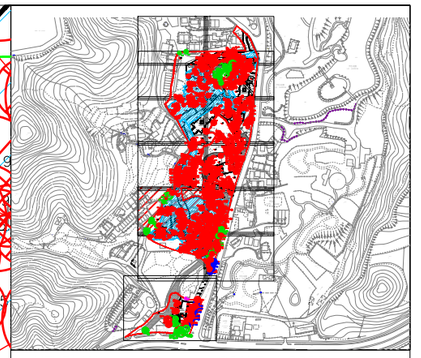
T3
28
+96mPD

Clubhouse

_Roof Garden

MATCH LINE
REFER TO TT11

MATCH LINE
REFER TO TT13



KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
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REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (10 OF 14)

SCALE 比例 A3 1:300
DATE 日期 SEPTEMBER 2025
REVISION 校訂
DRAWING NUMBER 圖號 CKPL58A-TT09

DESIGNED 設計 TEAM
DRAWN 繪圖 CADD
CHECKED 審核 ELK
APPROVED 審批 ALL

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TELEPHONE 2131 8630 FACSIMILE 2131 8609
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MATCH LINE
REFER TO TT08

MATCH LINE
REFER TO TT09

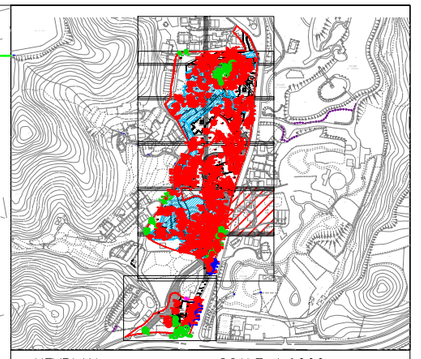
MATCH LINE
REFER TO TT12

T1

+96mPD

Area A Phase I

WIP
Feb
2021



KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
- +8.11 EXISTING LEVEL
- 7.50 PROPOSED LEVEL
- PROPOSED DEVELOPMENT
- BASEMENT & UNDERGROUND UTILITIES EXTENT (INDICATIVE SCHEME IS SUBJECT TO DETAILED DESIGN)

REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (11 OF 14)

SCALE 比例 A3 1:300
DATE 日期 SEPTEMBER 2025
REVISION 校訂
DRAWING NUMBER 圖號 CKPL58A–TT10

DESIGNED 設計 TEAM
DRAWN 繪圖 CADD
CHECKED 審核 ELK
APPROVED 審批 ALL

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10/F BANGKOK BANK BUILDING, 18 BONHAM STRAND WEST, HONG KONG 香港上環文咸西街十八號盤谷銀行大廈十樓
TELEPHONE 2131 8630 FACSIMILE 2131 8609 電話: (八五二) 二一三一 八六三零 傳真: (八五二) 二一三一 八六零九

CAD FILENAME : TT_20250915.DWG

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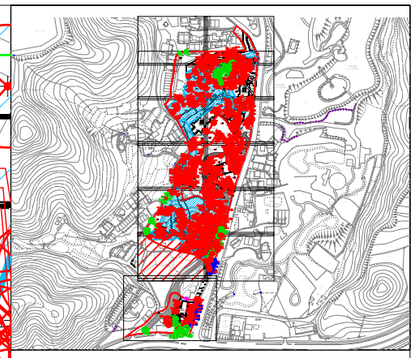

KEYPLAN SCALE 1:9000

+16.50mPD Roof Garden

+85mPD

T2

24

3

3B

Area A Phase I

MATCH LINE
REFER TO TT09

MATCH LINE
REFER TO TT12

MATCH LINE
REFER TO TT13

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
- +8.11 EXISTING LEVEL
- 7.50 PROPOSED LEVEL
- PROPOSED DEVELOPMENT
- BASEMENT & UNDERGROUND UTILITIES EXTENT (INDICATIVE SCHEME IS SUBJECT TO DETAILED DESIGN)

REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (12 OF 14)

SCALE 比例: A3 1:300
DATE 日期: SEPTEMBER 2025
REVISION 校訂:
DRAWING NUMBER 圖號: CKPL58A–TT11

DESIGNED 設計: TEAM
DRAWN 繪圖: CADD
CHECKED 審核: ELK
APPROVED 審批: ALL

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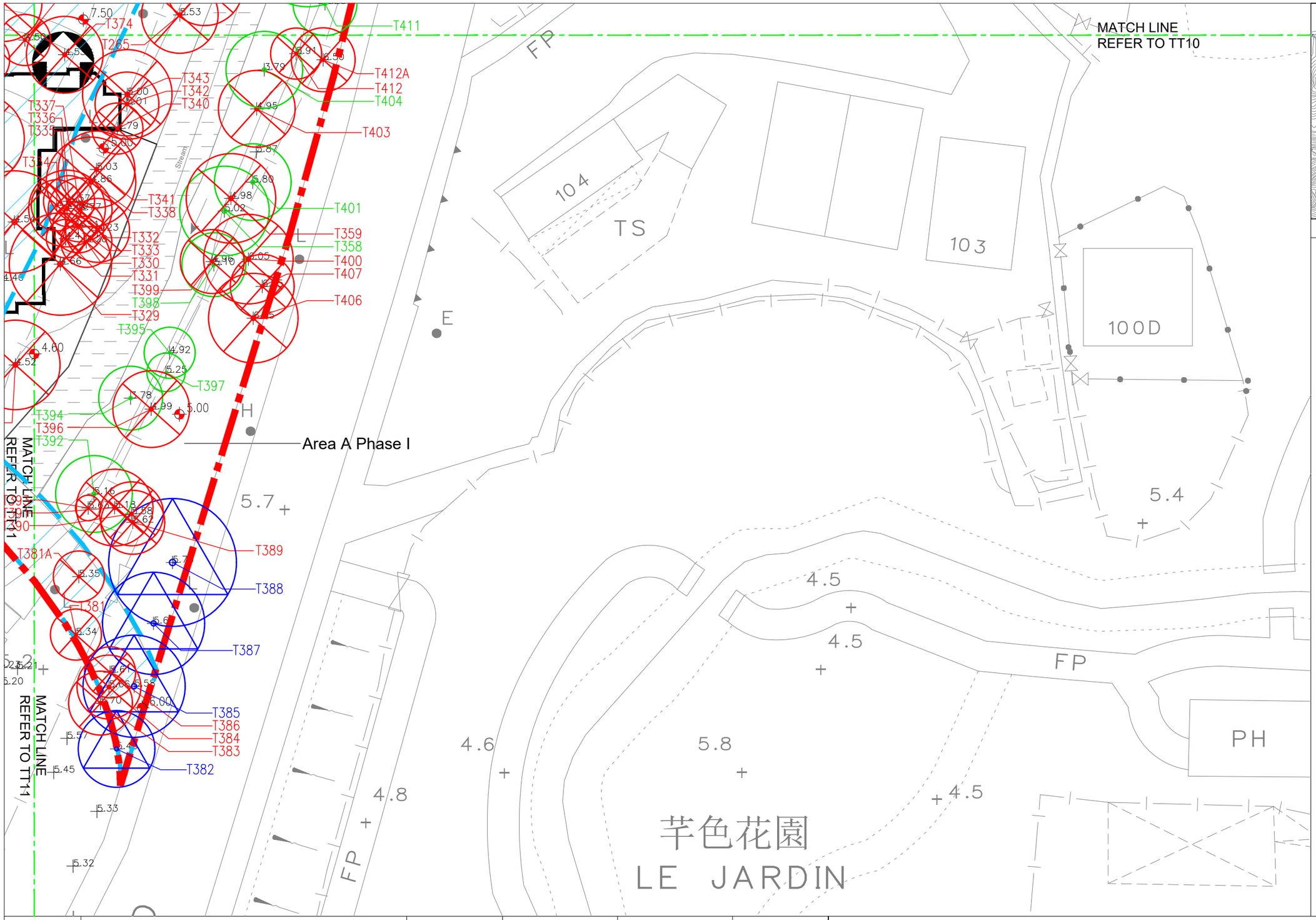
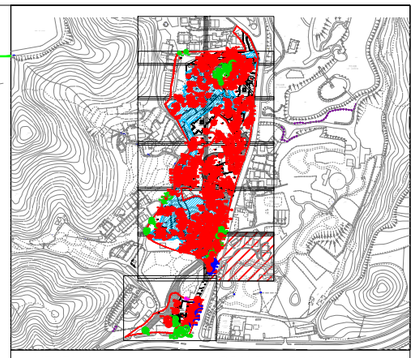
TELEPHONE 2131 8630 FACSIMILE 2131 8609 電話: (八五二) 二一三一 八六三零 傳真: (八五二) 二一三一 八六零九

CAD FILENAME : TT_20250915.DWG





KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
- RETAIN TREE
- TRANSPLANT TREE
- FELL TREE
- 8.11 EXISTING LEVEL
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REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目 Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories	SCALE 比例 A3 1:300	DESIGNED 設計 TEAM
	DATE 日期 SEPTEMBER 2025	DRAWN 繪圖 CADD
DRAWING TITLE 圖紙名稱 TREE TREATMENT PLAN (13 OF 14)	REVISION 校訂	CHECKED 審核 ELK
	DRAWING NUMBER 圖號 CKPL58A-TT12	APPROVED 審批 ALL

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CAD FILENAME : TT_20250915.DWG

G:\ADI\CKPL58A_New Fung Yuen S12A\CAD\Tree Survey\TT_20250915.dwg, 14/9/2025 11:55:43, ISO full bleed A3 (420.00 x 297.00 MM), 1:1

MATCH LINE
REFER TO TT11

FUNG YUEN ROAD

Social Welfare Complex
8
36.00
36mPD

Area B

TING KOK ROAD

道路 Road

田心污水泵房
Tin Sam
Sewage Pumping Station

T456 TREE FOUND

T459 T458 T460 T461 T462 T468 T466 T463 T465 T464 T448 T443 T472 T470 T471 T450 T449 T446 T467 T447 T435 T442 T444 T445

T422A T422B T437A T437B T438A T425A T434A T434 T418 T419 T420 T422 T423 T437 T438 T425 T436 T424 T428 T426 T427 T439 T440 T429 T441 T430 T431 T432 T433

KEYPLAN SCALE 1:9000

LEGEND

- DEVELOPMENT SITE BOUNDARY
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REVISION 校訂	DESCRIPTION 內容摘要	DRAWN 繪圖	DATE 日期	CHECKED 審核	APPROVED 審批

DO NOT SCALE FROM THIS DRAWING 勿按圖量比例

PROJECT 工程項目
Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

DRAWING TITLE 圖紙名稱
TREE TREATMENT PLAN (14 OF 14)

SCALE 比例 A3 1:400
DATE 日期 SEPTEMBER 2025
REVISION 校訂
DRAWING NUMBER 圖號 CKPL58A-TT13

DESIGNED 設計 TEAM
DRAWN 繪圖 CADD
CHECKED 審核 ELK
APPROVED 審批 ALL

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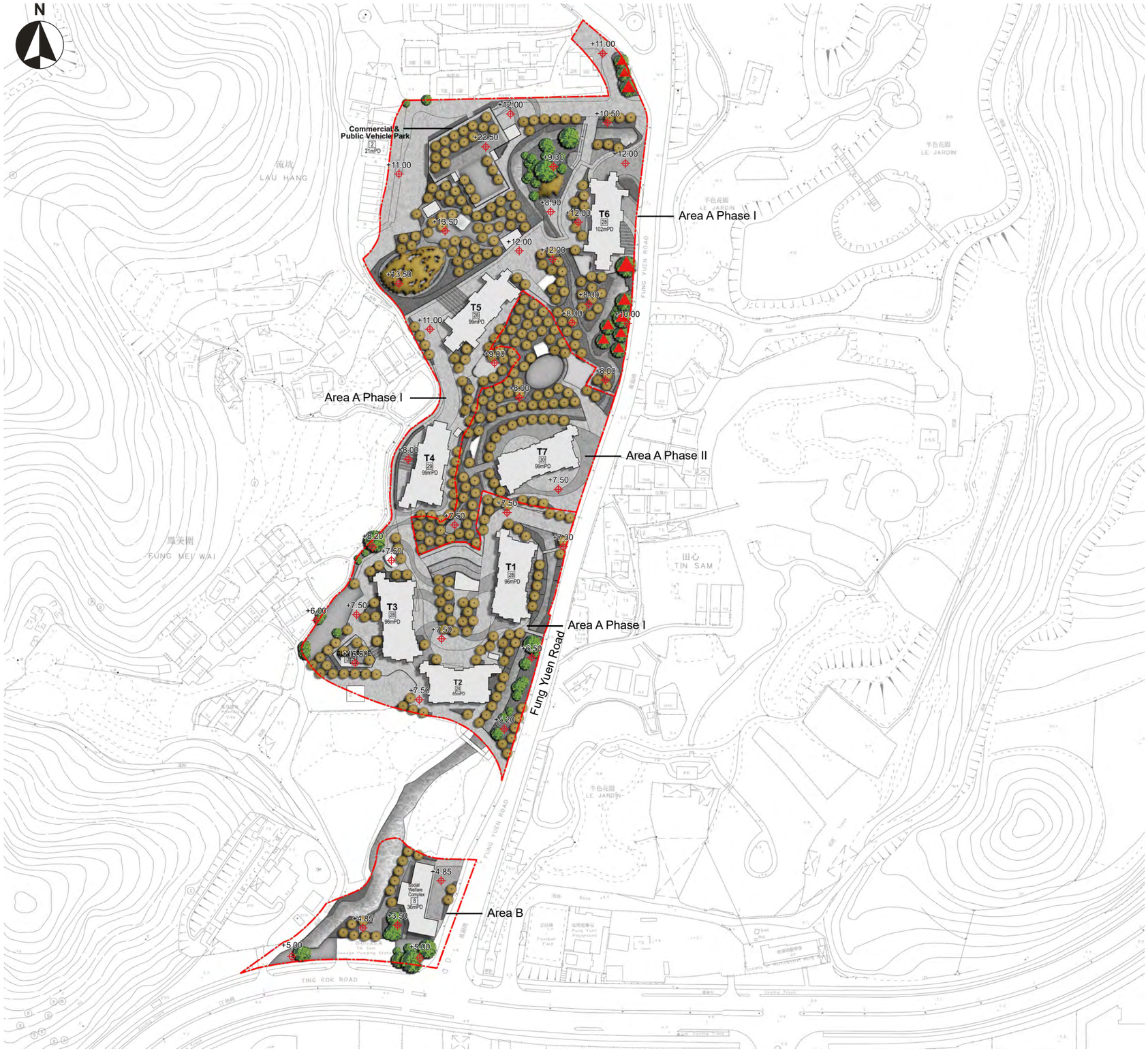
CAD FILENAME : TT_20250915.DWG

Annex V

New Tree Planting Concept



LEGEND

- Development Site Boundary
- +6.00 Proposed Level
- **Retained Tree**
  Area A Phase I: 45 nos.
  Area A Phase II: 0 nos.
  Area B: 15 nos.
- **Transplanted Tree**
  Area A Phase I: 4 nos.
  Area A Phase II: 0 nos.
  Area B: 6 nos.
- **New Tree Planting**
  Area A Phase I: 250 nos.
  Area A Phase II: 88 nos.
  Area B: 9 nos.
- **Whip Planting**
  Area A Phase I : 148 nos.

0 10 20 50m

Proposed Residential Development(s) with Retail, Public Vehicle Park and Social Welfare Facilities at Various Lots in D.D. 11 and Adjoining Government Land, Fung Yuen, Tai Po, New Territories

New Tree Planting Concept

SCALE	As Shown	DATE	September 2025
CHECKED	ELK	DRAWN	TEAM
FIGURE NO.	ANNEX V	REV	-

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