Temporary Logistics Centre and Vehicle Inspection Service Centre for a Period of 3 Years in "Comprehensive Development Area" Zone, Various Lots in D.D. 122 and Adjoining Government Land, Ping Shan, Yuen Long, New Territories (S.16 Planning Application) **Appendix 1** Approval Letter of Planning Application No. A/YL-PS/706 Supporting Planning Statement

城市規劃委員會

香港北角渣華道三百三十三號 北角政府合署十五樓

TOWN PLANNING BOARD

15/F., North Point Government Offices 333 Java Road, North Point, Hong Kong.

19 April 2024

By Post & Fax

直 Fax: 2877 0245 / 2522 8426 似

話 Tel: 2231 4810 電

來函檔號 Your Reference:

覆函請註明本會檔號

In reply please quote this ref.: TPB/A/YL-PS/706

KTA Planning Ltd.

(Attn.: Pauline Lam / Benjamin Tung)

Dear Sir/Madam.

Proposed Temporary Logistics Centre and Vehicle Inspection Service Centre for a Period of 3 Years in "Comprehensive Development Area" Zone, Lots 105 RP (Part), 107 (Part), 108 (Part), 111 (Part), 112, 113, 114, 115, 116, 118, 119 (Part), 120 (Part), 124 (Part), 127 (Part), 128 (Part), 154 (Part) and 155 (Part) in D.D.122 and adjoining Government Land, Ping Shan, Yuen Long

I refer to my letter to you dated 19.2.2024.

After giving consideration to the application, the Town Planning Board (TPB) approved the application for permission under section 16 of the Town Planning Ordinance (the Ordinance) on the terms of the application as submitted to the TPB. The permission shall be valid on a temporary basis for a period of 3 years until 5.4.2027 and is subject to the following conditions:

- no operation of the logistics centre between 11:00 p.m. and 7:00 a.m., as (a) proposed by you, is allowed on the site during the planning approval period;
- no operation of the vehicle inspection service centre between 5:00 p.m. and (b) 9:00 a.m., as proposed by you, is allowed on the site during the planning approval period;
- no operation on Sundays and public holidays, as proposed by you, is allowed on the site during the planning approval period;
- no vehicle without valid licence issued under the Road Traffic Ordinance is allowed to be parked/stored on the site at any time during the planning approval period;
- no vehicle washing, repairing, dismantling, car beauty and other workshop (e) activity, as proposed by you, is allowed on the site at any time during the planning approval period;

- (f) the submission of a drainage proposal within 6 months from the date of planning approval to the satisfaction of the Director of Drainage Services or of the TPB by 5.10.2024;
- (g) in relation to (f) above, the implementation of the drainage proposal within 9 months from the date of planning approval to the satisfaction of the Director of Drainage Services or of the TPB by 5.1.2025;
- (h) the existing boundary fencing shall be maintained during the planning approval period;
- (i) the submission of a fire service installations proposal within 6 months from the date of the planning approval to the satisfaction of the Director of Fire Services or of the TPB by 5.10.2024;
- (j) in relation to (i) above, the implementation of the fire service installations proposal within 9 months from the date of the planning approval to the satisfaction of the Director of Fire Services or of the TPB by 5.1.2025;
- (k) if any of the above planning condition (a), (b), (c), (d), (e) or (h) is not complied with during the planning approval period, the approval hereby given shall cease to have effect and shall be revoked immediately without further notice; and
- (l) if any of the above planning condition (f), (g), (i) or (j) is not complied with by the specified date, the approval hereby given shall cease to have effect and shall on the same date be revoked without further notice.

The TPB also agreed to advise you to note the advisory clauses as set out at Appendix VI of the TPB Paper.

You are reminded to strictly adhere to the time limit for complying with the above planning conditions. If any of the above planning conditions are not complied with by the specified time limit, the permission given shall be revoked without further notice and the development will be subject to enforcement action. If you wish to apply for extension of time for compliance with planning conditions, you should submit a section 16A application to the TPB no less than six weeks before the expiry of the specified time limit. This is to allow sufficient time for processing of the application in consultation with the concerned departments. The TPB will not consider any application for extension of time if the time limit specified in the permission has already expired at the time of consideration by the TPB. For details, including the total time period for compliance that might be granted, please refer to the TPB Guidelines No. 34D and 36C. The Guidelines, application form (Form No. S16A) and the for applications are available at the Guidance Notes (https://www.tpb.gov.hk/en/resources/index.html), the Planning Enquiry Counters of the Planning Department (Hotline: 2231 5000) at 17/F, North Point Government Offices, 333 Java Road, North Point; 14/F, Sha Tin Government Offices, 1 Sheung Wo Che Road, Sha Tin; and the Secretariat of the TPB at 15/F, North Point Government Offices.

This temporary permission will lapse on <u>6.4.2027</u>. You may submit an application to the TPB for renewal of the temporary permission no less than two months and normally no more than four months before its expiry by completing an application form (Form No. S16-III).

Application submitted more than four months before expiry of the temporary approval may only be considered based on the individual merits and exceptional circumstances of each case. For details, please refer to TPB Guidelines No. 34D. However, the TPB is under no obligation to renew the temporary permission.

For amendments to the approved development that may be permitted with or without application under section 16A, please refer to TPB Guidelines No. 36C for details.

The TPB Paper in respect of the application is available at this link (https://www.tpb.gov.hk/en/meetings/RNTPC/Agenda/739_rnt_agenda.html) and the relevant extract of minutes of the TPB meeting held on 5.4.2024 is enclosed herewith for your reference.

Under section 17(1) and 17(1A) of the Ordinance, an applicant aggrieved by a decision of the TPB may in writing apply to the TPB for a review of the decision and set out the grounds for the review. If you wish to seek a review, you should inform me and provide the grounds for the review within 21 days from the date of this letter (on or before 10.5.2024). I will then contact you to arrange a hearing before the TPB which you and/or your authorized representative will be invited to attend. The TPB is required to consider a review application within three months of receipt of the application for review. Please note that any review application will be published for three weeks for public comments.

This permission by the TPB under section 16 of the Ordinance should not be taken to indicate that any other government approval which may be needed in connection with the development, will be given. You should approach the appropriate government departments on any such matter.

If you have any queries regarding this planning permission, please contact Mr. Alexander Mak of the Tuen Mun & Yuen Long West District Planning Office at 2158 6283. In case you wish to consult the relevant Government departments on matters relating to the above approval conditions, a list of the concerned Government officers is attached herewith for your reference.

Yours faithfully,

(Leticia LEUNG)

for Secretary, Town Planning Board

LL/CN/cl

Temporary Logistics Centre and Vehicle Inspection Service Centre for a Period of 3 Years in "Comprehensive Development Area" Zone, Various Lots in D.D. 122 and Adjoining Government Land, Ping Shan, Yuen Long, New Territories (S.16 Planning Application)

Appendix 2

Letters from Planning Department for Compliance with Approval Conditions (i) and (j) under Planning Application No. A/YL-PS/706

屯門及元朗西規劃處 香港新界沙田上禾輋路一號 沙田政府合署 14 樓



By Post & Fax

Planning Department

Tuen Mun and Yuen Long West District Planning Office 14/F., Sha Tin Government Offices, 1 Sheung Wo Che Road, Sha Tin, N.T. Hong Kong

來函檔號

Your Reference S3113/DD122PS B/24/011Lg

本署檔號

Our Reference () in TPB/A/YL-PS/706

電話號碼

Tel. No.:

2158 6362

傳直機號碼

Fax No.:

2489 9711

13 December 2024

KTA Planning Limited

(Attn.: Mr. Benjamin TUNG)

Dear Sir/Madam,

Compliance with Approval Condition (i) Planning Application No. A/YL-PS/706

I refer to your submission dated 21.11.2024 for compliance with the captioned approval condition on the submission of a fire services installation proposal. The Fire Services Department (FSD) has been consulted on your submission. Your submission is considered:

- The captioned condition has been complied with. Please find detailed departmental comments at APPENDIX.
- ☐ Acceptable. Since the captioned condition requires both the submission and implementation of the proposal, it has not been fully complied with. Please proceed to implement the accepted proposal for full compliance with the approval condition.
- ☐ Not acceptable. The captioned condition has **not** been complied with.

Should you have any queries on the departmental comments, please contact Mr. CHEUNG Wing-hei (Tel: 2733 7737) or Mr. YUEN Tsz-fung (Tel: 2733 7781) of FSD.

Yours faithfully,

(Max YL WONG)

for District Planning Officer/ Tuen Mun and Yuen Long West Planning Department

C.C.

DofFS

(Attn.: Mr. CHEUNG Wing-hei)

Internal

CTP/TPB (2)

透過規劃工作,使香港成為一個宜居、具競爭力和可持續發展的亞洲國際都會 We plan to make Hong Kong a Liveable . Competitive . Sustainable ASIA'S WORLD CITY

屯門及元朗西規劃處 香港新界沙田上禾鲞路-沙田政府合署 14 樓



By Post & Fax

Planning Department

Tuen Mun and Yuen Long West District Planning Office 14/F., Sha Tin Government Offices, 1 Sheung Wo Che Road, Sha Tin, N.T. Hong Kong

來函檔號

Your Reference S3113/DD122PS B/24/013Lg

本署檔號

Our Reference () in TPB/A/YL-PS/706

電話號碼

Tel. No.:

2158 6362

傳真機號碼

Fax No.:

2489 9711

12 June 2025

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KTA Planning Limited

(Attn.: Mr. Benjamin TUNG)

Dear Sir/Madam,

Compliance with Approval Condition (i) Planning Application No. A/YL-PS/706

I refer to your submission dated 25.4.2025 for compliance with the captioned approval condition on the implementation of the fire services installation proposal. The Fire Services Department (FSD) has been consulted on your submission. Your submission is considered:

> Acceptable. The captioned condition has been complied with.

- ☐ Acceptable. Since the captioned condition requires both the submission and implementation of the proposal, it has not been fully complied with. Please proceed to implement the accepted proposal for full compliance with the approval condition.
- ☐ Not acceptable. The captioned condition has **not** been complied with.

Should you have any queries on the departmental comments, please contact Mr. CHEUNG Wing-hei (Tel: 2733 7737) or Mr. YUEN Tsz-fung (Tel: 2733 7781) of FSD.

Yours faithfully,

(Max YL WONG)

for District Planning Officer/ Tuen Mun and Yuen Long West

Planning Department

c.c.

DofFS

(Attn.: Mr. CHEUNG Wing-hei)

Internal

CTP/TPB (2)

Temporary Logistics Centre and Vehicle Inspection Service Centre for a Period of 3 Years in "Comprehensive Development Area" Zone, Various Lots in D.D. 122 and Adjoining Government Land, Ping Shan, Yuen Long, New Territories (S.16 Planning Application)

Appendix 3

Fire Service Installation Proposal (Same Layout with the Approved Scheme under Planning Application No. A/YL-PS/706)

F.S.NOTES: 1. GENERAL No. of Storey (s) (about) Height (m) Structure No. 1.1 FIRE SERVICE INSTALLATIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE CODES OF PRACTICE FOR MINIMUM FIRE SERVICE INSTALLATIONS AND EQUIPMENT AND INSPECTION, TESTING AND MAINTENANCE OF INSTALLATIONS AND EQUIPMENT 2022 (COP 2022), FSD CIRCULAR LETTERS AND THE 9,750 Logistics Centre HONG KONG WATERWORKS STANDARD REQUIREMENTS. Ancillary Office Centre 1.2 ALL TUBES AND FITTINGS SHALL BE G.M.S. TO BS1387 MEDIUM GRADE WHERE PIPEWORK UP TO Ø150mm. 40 Ancillary Toilet 45 Water Tank Room for FSIs 40 Pump Room for FSIs 1.3 ALL TUBES AND FITTINGS SHALL BE DUCTILE IRON TO BS EN545 K12 WHERE PIPEWORK ABOVE Ø150mm. 10 Guard Room 1,890 Logistics Centre 218 Loading/Unloading Area 1.4 ALL DRAIN PIPES SHALL BE DISCHARGED TO A CONSPICUOUS POSITION WITHOUT THE POSSIBILITY OF BEING SUBMERGED. Structure A2 1/F 213.5 Vehicle Inspection Area 213.5 Vehicle Inspection Area 213.5 Vehicle Inspection Area 1.5 ALL PUDDLE FLANGES SHALL BE MADE OF DUCTILE IRON 186 Ancillary Office 36 E&M Room 1.6 SMOKE EXTRACTION SYSTEM(S) SHALL NOT BE PROVIDED AS THE AGGREGATE AREA OF OPERABLE WINDOW OF STRUCTURE A1 & B1 C6 27 E&M Room EXCEEDS 6.25% OF THE FLOOR AREA OF THE COMPARTMENT. 27 E&M Room C8 17.5 | Security Room 1.7 VENTILATION/AIR CONDITIONING SYSTEM NOT TO BE PROVIDED. 32 x 2 Staff Changing Room Structure C9 1/F 12000 12000 12000 12000 12000 12000 C10 27.5 Ancillary Toilet 2. HOSE REEL SYSTEM C11 20.5 Reception Room Total GFA: 13,399 2.1 HOSE REEL SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH THE FSI CODES OF PRACTICE 2022 2.2 NEW FIRE HOSE REEL SHALL BE PROVIDED AS INDICATED ON PLAN TO ENSURE THAT EVERY PART OF THE BUILDING CAN BE REACHED BY A Structure A2 G/F LENGTH OF NOT MORE THAN 30m HOSE REEL TUBING. Structure C9 G/F 2.3 THE WATER SUPPLY FOR HOSE REEL SYSTEM WILL BE FED FROM A NEW 2m3 F.S. FIBREGLASS WATER TANK VIA TWO HOSE REEL PUMPS (DUTY/ Section drawing of window opening for the structure A1 STANDBY) LOCATED INSIDE FS PUMP ROOM AT EXTERNAL AREA. 2.4 HOSE REEL PUMPS SHALL BE STARTED BY ACTUATION OF ANY BREAKGLASS UNIT FITTED ASIDE EACH HOSE REEL SETS 2.5 ALL FIRE HOSE REEL OUTLETS SHOULD BE HOUSED IN GLASS FRONTED CABINET SECURED UNDER LOCK & KEY. 2.6 ALL FIRE HOSE REEL SHOULD BE PROVIDED WITH FSD APPROVED TYPE INSTRUCTION PLATE & WSD WARNING PLATE Structure A1 Openable Windows Calculation Area of Structure A1 = 9750 sq.m. Area of High Bay Window (H.B.W.) = 2.0m(H) x 18m = 36 sq.m. 2.7 SECONDARY ELECTRICITY SUPPLY DIRECTLY TEE OFF BEFORE CLP'S INCOMING MAIN SWITCH SHALL BE PROVIDED FOR THE FS PUMPS. Area of High Bay Window (H.B.W.) = $3.0m(H) \times 276m = 828 \text{ sg.m.}$ Total openable window area = 36 + 828 = 864 sq.m. = 8.86% of floor area C5 C6 C7 3. AUTOMATIC SPRINKLER SYSTEM 3.1 NEW AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH LPC RULES FOR AUTOMATIC SPRINKLER INSTALLATIONS INCORPORATING BS EN 12845: 2015 (INCLUDING TECHNICAL BULLETINS, NOTES, COMMENTARY AND RECOMMENDATIONS) AND FSD CIRCULAR LETTER NO. 5/2020. THE CLASSIFICATION OF THE OCCUPANCIES WILL BE ORDINARY HAZARD GROUP III. 3.2 ONE NEW 90m3 SPRINKLER WATER TANK WILL BE PROVIDED AS INDICATED ON PLAN. THE TOWN MAIN WATER SUPPLY WILL BE FED FROM SINGLE END. 3.3 TWO NEW SPRINKLER PUMPS (DUTY/STANDBY) AND ONE JOCKEY PUMP SHALL BE PROVIDED IN FS PUMP ROOM LOCATED AT EXTERNAL AREA. LOGISTICS CENTRE (A) 3.4 NEW SPRINKLER CONTROL VALVE SET AND SPRINKLER INLET SHALL BE PROVIDED AS INDICATED ON PLAN. VEHICLE INSPECTION SERVICE CENTRE (C) 3.5 A TEST VALVE SHALL BE PROVIDED FOR EACH ZONE OF SPRINKLER PIPE. THIS VALVE SHALL BE AT A CONSPICUOUS POSITION THAT WATER CAN BE DRAINED AWAY EASILY. 3.6 ALL SUBSIDIARY STOP VALVES TO BE ELECTRIC MONITORING TYPE. Section drawing of window opening for the structure A1 3.7 ALL ELECTRIC TYPE VALVES SHOULD GIVE VISUAL SIGNALS TO FIRE SERVICE MAIN SUPERVISORY CONTROL PANEL TO INDICATE THE STATUS (OPEN/CLOSE) OF THE VALVES. 3.8 SECONDARY ELECTRICITY SUPPLY DIRECTLY TEE OFF BEFORE CLP'S INCOMING MAIN SWITCH SHALL BE PROVIDED FOR THE SPRINKLER PUMPS. 3.9 THE SPRINKLER SYSTEM DESIGN IS BASED ON THE FOLLOWINGS: LOGISTICS CENTRE (B) HAZARD CLASS: ORDINARY HAZARD GROUP III TYPE OF STORAGE : POST-PALLET (ST2) STORAGE CATEGORY: CATEGORY I MAXIMUM STORAGE HIEGHT: 3.5m SPRINKLER PROTECTION: CEILING PROTECTION ONLY MAXIMUM STORAGE AREA: 50m2 Section drawing of window opening for the structure B1 MINIMUM CLEARANCE AROUND : 2.4m 4. FIRE ALARM SYSTEM 4.1 NEW FIRE ALARM SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH BS 5839 PART 1: 2017 AND FSD CIRCULAR LETTERS 6/2021 Section drawing of window opening for the structure A1 4.2 NEW BREAKGLASS UNITS AND FIRE ALARM BELLS SHALL BE PROVIDED AT ALL NEW FIRE HOSE REEL POINTS. THE FIRE ALARM INTALLATION WILL BE INTEGRATED WITH THE HOSE REEL SYSTEM. 4.3 A NEW FIRE ALARM CONTROL PANEL SHALL BE PROVIDED TO RECEIVE ALL FIRE ALARM SIGNALS FROM BREAKGLASS UNITS AND SPRINKLER FLOW SWITCHES AND TRANSMIT THE SAME TO THE CFATS VIA DIRECT LINK. Section drawing of window opening for the structure B1 5. EMERGENCY LIGHTING Water Tank **SPRINKLER** 5.1 EMERGENCY LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH 'BS 5266-PART 1:2016 AND BS EN 1838:2013", FSD CIRCULAR LETTER 4/2021, Room For FSIs COVERING ALL AREA. EMERGENCY LIGHTINGS SHALL BE BACKED UP BY BUILT-IN BATTERY AND CAPABLE OF MAINTAINING FUNCTION OF NOT LESS THAN Structure B1 Openable Windows Calculation SPRINKLER INLET 2 HOURS IN CASE OF POWER FAILURE Area of Structure 1 = 1890 sq.m. 12000 12000 12000 12000 12000 12000 Area of High Bay Window (H.B.W.) = 1.0m(H) x 120m = 120 sq.m. SPRINKLER CONTROL VALVE SET **FS PUMP** Total openable window area = 120 sq.m. 6. EXIT SIGN = 6.34% of floor area 6.1 ALL EXIT SIGNS/DIRECTIONAL EXIT SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH 'BS 5266-PART 1:2016 AND FSD CIRCULAR LETTER NO. 5/2008, FOR THE BUILDING. EXIT SIGNS/DIRECTIONAL EXIT SIGNS SHALL BE BACKED UP BY BUILT-IN BATTERY AND CAPABLE OF MAINTAINING FUNCTION OF NOT LESS THAN 2 HOURS IN CASE OF POWER FAILURE. 90 cu.m. EFFECTIVE CAPACITY RCC SPRINKLER WATER TANK INTERNAL SIZE : 7m x 5m x 3m(H) 7. PORTABLE APPLIANCES Section drawing of window opening for the structure A1 7.1 PORTABLE HAND OPERATED APPLIANCES SHALL BE PROVIDED AS INDICATED ON PLAN. LEGEND EMERGENCY LIGHT HR HOSE REEL SPRINKLER CONTROL VALVE SET 5KG CO2 FIRE EXTINGUISHER — PUMP SET PRESSURE GAUGE 2000 LIT. FIBREGLASS F.S. WATER TANK BREAK GLASS UNIT EXIT EXIT SIGN 90000 LIT. RCC SAND BUCKET GATE VALVE Y-TYPE STRAINER SPRINKLER WATER TANK FIRE ALARM BELL NON-RETURN VALVE SUBSIDIARY VALVE / FLOW SWITCH GATE TYPE (With MONITORING) 5KG DRY POWDER SPRINKLER INLET FIRE EXTINGUISHER PROJECT : DRAWING TITLE : ARCHITECT CONSULTANT FIRE SERVICE CONTRACTOR DRAWING NO NAME DATE PROPOSED TEMPORARY LOGISTICS CENTRE AND VEHICLE F.S. Notes, Legend, FS-01 INSPECTION SERVICE CENTRE FOR A PERIOD OF 3 YEARS C.K. NG 21 Nov 2024 DRAWN BY Century Fire Service Fire Service Installation Layout VARIOUS LOTS IN D.D. 122 AND ADJOINING GOVERNMENT SCALE: 1:500 (A0) Engineering Co., Ltd. Plan CHECKED BY LAND, PING SHAN, YUEN LONG B.O.O. Ref. BD APPROVED BY REV DESCRIPTION DATE F.S.D. Ref. FP

Temporary Logistics Centre and Vehicle Inspection Service Centre for a Period of 3 Years in "Comprehensive Development Area" Zone, Various Lots in D.D. 122 and Adjoining Government Land, Ping Shan, Yuen Long, New Territories (S.16 Planning Application) **Appendix 4** Copy of Certificate of Fire Service Installation and Equipment (FS251) Supporting Planning Statement

FIRE SERVICE (INSTALLATIONS AND EQUIPMENT) REGULATIONS

消防(裝置及設備)規例

(Regulation 9(1)) (第九條(1)款) A 9395631

FSD Ref.: 消防處檔號

CERTIFICATE OF FIRE SERVICE INSTALLATION AND EQUIPMENT

			消 的 袋	及設備證書				
Name of 顧客姓名		115-1110-1						
Name of 婁宇名和	Building:				The second of th			
Street No./Town Lot: DD122 Street/Road/Estate Name: 街道/屋苑名稱								
Block: 座		District 分區	: Yuen Lon		ea: HK 压	NT 九龍 ☑ 新界		
ype of E	Building 樓宇類型:□Ind	ustrial工業 Comn	nercial商業 D	omestic住宅 Composit	e綜合 Licensed premis	es持牌處所 Institutio		
	t 1 Annual Inspection (一部 只適用於年檢	車面 once	ment which is installed in in every 12 months. 相	any premises shall have such fire ser	nd Equipment) Regulations, the own vice installation or equipment inspect 條(b)款,擁有裝置在任何處所內5少一次。	ed by a registered contractor at leas		
ode編碼 (1-35)	Type of FSI 裝置類型	Location(s) 位置	Comment on	Condition 狀況評述	Completion Date 完成日期(DD/MM/YY)	Next Due Date 下次到期日(DD/MM/Y)		
	я							
28	Sprinkler System	G/F	Conforms w	ith FSD Requirements	11/4/2025	10/4/2026		
23	Hose Reel	G/F		ith FSD Requirements	11/4/2025	10/4/2026		
11	Emergency Lighting	G/F		ith FSD Requirements	11/4/2025	10/4/2026		
13	Fire Alarm System	G/F	5	ith FSD Requirements	11/4/2025	10/4/2026		
12	Exit Sign	G/F		ith FSD Requirements	11/4/2025	10/4/2026		
						1377200		
art 2 第	三部 Installation / Mod	lification / Repair	r / Inspection	work 裝置/改裝/修	理/檢查工作			
ode編碼 (1-35)	Type of FSI 裝置類型	Location(s) 位置	Nature of Work	Carried out 完成之工作內容	Comment on Condition #	Completion Date 完成日期(DD/MM/		
Part 3 第	三部 Defects 損壞事項	<u> </u>						
Code編碼 (1-35)	Type of FSI 裝置類型	Location(s) 位置	Outstandin	g Defects 未修缺點	Comment on D	efects 缺點評述		
Va hasahu sa	prife that the show in tall the same			cient Authorized	SENII H	E Ello		
rking order uipment and	ertify that the above installations/equ in accordance with the Codes of P d Inspection, Testing and Maintenanc Director of Fire Services. Defects are I	ractice for Minimum Fire of Installations and Equip	Service Installations	and Signature :	M	For F use of		
消防處	證明以上之消防裝置及設 處長不時公佈的最低限度 檢查測試及保養守則的規;	之消防裝置及設作	前守則與裝置	姓名 FSD/RC No.: 消防處註冊號碼	RC1/389 RC2/	G YIN Inspec		
如i	盘書涉及年檢事 處所當眼處以供	項,應張貼	於大廈	Company Name: 公司名稱	Century Fire Service			
	is certificate should be displayed at prom for FSD's inspection if any annua	inent location of the building	or premises	Telephone: 聯絡電話	Engineering Co.			
251 (Rev. 1	/2016)			Date: 日期	11/4/2025 Ve			

11/4/2025

FSI 251 No.: A 9395631

The Detail Address:

Temporary Logistics Centre and Vehicle Inspection Service Centre For a Period of 3 Years Various Lots 105 RP (Part), 107 (Part), 108 (Part), 111 (Part), 112, 113, 114, 115, 116, 118, 119 (Part), 120 (Part), 124 (Part), 127 (Part), 128 (Part), 154 (Part) & 155 (Part) in DD 122 and Adjoining Government Land, Ping Shan, Yuen Long, N.T.

Century Fire Service Engineering Co. Ltd RC1 / 389, RC2 / 554



FIRE SERVICE (INSTALLATIONS AND EQUIPMENT) REGULATIONS 消防(裝置及設備)規例 (Regulation 9(1)) (第九條(1)款)

A 9395630

FSD Ref.: _ 消防處檔號

CERTIFICATE OF FIRE SERVICE INSTALLATION AND EQUIPMENT

		消	防裝置及影	及備 證 書		
Name of 顧客姓4	[3-11-3-11-11-11-11-11-11-11-11-11-11-11-			11/11/2017		
Name of 樓宇名種	Building: 偁				(4)	
	o./Town Lot: DDI 數/市地段	22 s	treet/Road/Esta 街道/屋苑		*	
Block : 座	Series - Ser	District: 分區 Y	uen Long (Pi		ea: HK 唇港	K NT 新界
Type of E	Building 樓宇類型:□In	dustrial工業 Commercial	商業 Domestic	住宅 Composit	te綜合 Licensed premise	es持牌處所 Institutiona
	t 1 Annual Inspection 一部 只適用於年材	equipment wi 合事。百 once in every	nich is installed in any pren 12 months. 根據消防	nises shall have such fire ser	and Equipment) Regulations, the own rvice installation or equipment inspecte 條(b)款,擁有裝置在任何處所內 区少一次。	d by a registered contractor at least
Code編碼 (1-35)	Type of FSI 裝置類型	Location(s) 位置 (Comment on Condit	ion 狀況評述	Completion Date 完成日期(DD/MM/YY)	Next Due Date 下次到期日(DD/MM/YY)
Part 2 第	三部 Installation / Mo	dification / Repair / In	aspection work	裝置/改裝/修	理/檢查工作	
Code綱碼 (1-35)	Type of FSI 裝置類型	Location(s) 位置 Nat	ure of Work Carrie	d out 完成之工作內容	Comment on Condition 狀	况評述 Completion Date 完成日期(DD/MM/Y)
24	Portable Fire Extinguisher	G/F Supp	oly 35 Nos of 5Kg F.E	Dry Powder	Conforms with	11/4/2025
		消防泵房 Supp	oly 1 Nos of 5Kg (Conforms with FSD Requirements	11/4/2025
Part 3 第	三部 Defects 損壞事	Į Ą				
Code編碼 (1-35)	Type of FSI 裝置類型	Location(s) 位置	Outstanding Defe	cts 未修缺點	Comment on D	efects 缺點評述
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orking order quipment and time by the I	ertify that the above installations/eq in accordance with the Codes of I disspection, Testing and Maintenan Director of Fire Services. Defects are	Practice for Minimum Fire Service of Installations and Equipment listed in Part 3.	e Installations and published from time	Authorized Signature: 受權人簽署 Name:	Au Yeung Chi N	For FSI use only
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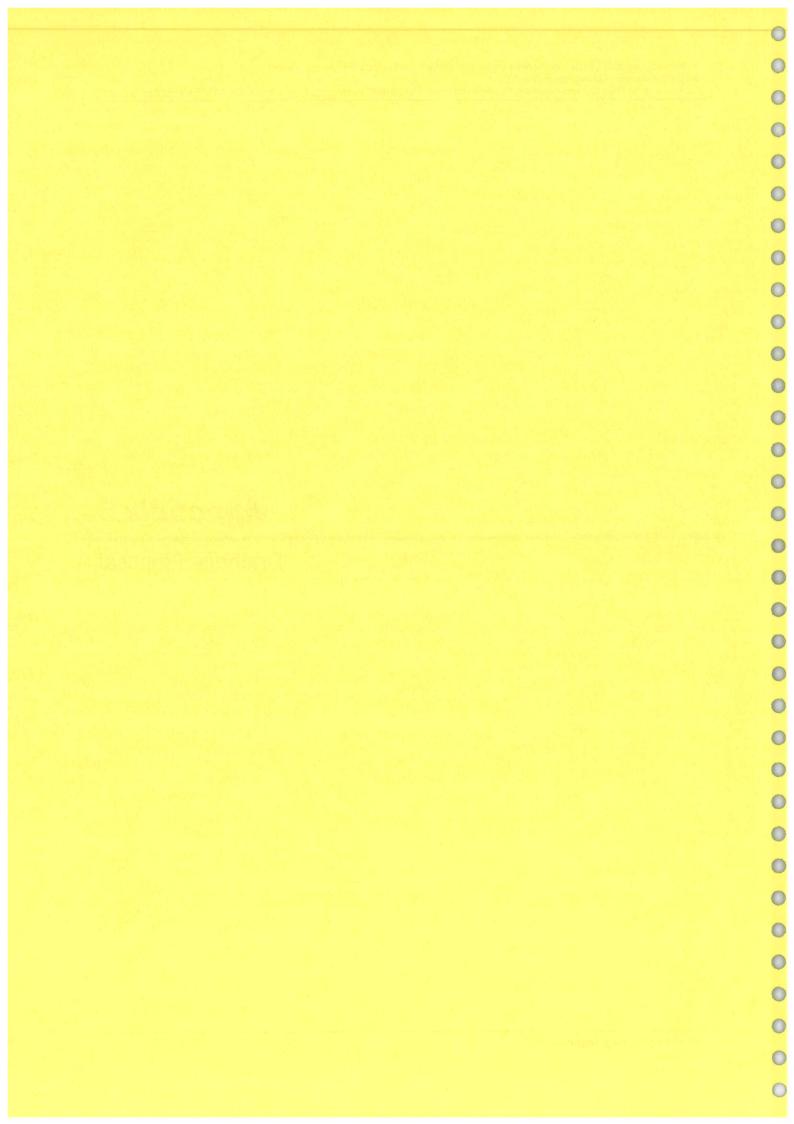
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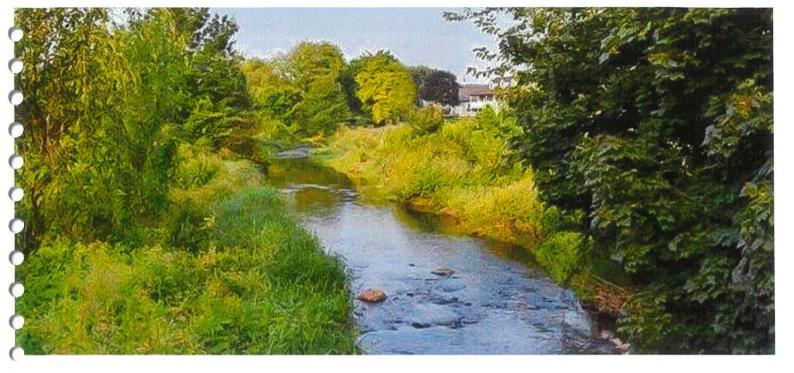
Temporary Logistics Centre and Vehicle Inspection Service Centre For a Period of 3 Years Various Lots 105 RP (Part), 107 (Part), 108 (Part), 111 (Part), 112, 113, 114, 115, 116, 118, 119 (Part), 120 (Part), 124 (Part), 127 (Part), 128 (Part), 154 (Part) & 155 (Part) in DD 122 and Adjoining Government Land, Ping Shan, Yuen Long, N.T.

New Power Fire Eng. Co. RC3 / 474



Temporary Logistics Centre and Vehicle Inspection Service Centre for a Period of 3 Years in "Comprehensive Development Area" Zone,
Various Lots in D.D. 122 and Adjoining Government Land, Ping Shan, Yuen Long, New Territories (S.16 Planning Application) **Appendix 5 Drainage Proposal** Supporting Planning Statement





Drainage Proposal For Proposed Temporary Logistics Center and Vehicle Inspection Center in D.D. 122 and Adjoining Government Land, Ping Shan, Yuen Long

Planning Application No. A/YL-PS/706

Report No.

: DIA_YL01

Revision

: 4

Date

: 16 October 2025



Ir. YIP WAN FUNG DAVID Registered Professional Engineer RP0305741

CONTENT

- 1. Introduction
- 2. Objectives
- 3. Proposed Development
- 4. General Site Conditions
- 5. Existing Stormwater Drainage System
- 6. Potential Drainage Impacts and Mitigation Measures
- 7. Conclusion

FIGURE

A1.	S2D003A	: Runoff Flow Direction Plan
A2.	MST-02-14	: Runoff Flow Direction Plan for Area 1
A3 & A4.	1144/DR1	: Drainage Proposal DD126
A5.		: GeoMap for Water Discharge Points
B1.	S2D005A	: Catchpit, U-Channel with Grassgrid Details
B2.	C2406/1	: Catchpit with Sand Trap
C.	DP01	: Drainage Proposal
D1	A/YL-PS/633	: As-Built Drainage Plan
D2	A/YL-PS/ 659	: As-Built Drainage Plan
Е	CCTV/01	: CCTV Survey Extent

Site Photos

- A. General View of the Site
- B. Existing and Proposed Drainage System of the Site

Appendix

Appendix 1: Hydraulic Calculation

Appendix 2: Consent Letter by 朗天停車場管理有限公司

1. Introduction

Reference is made to the S16 Planning Application, which was approved with condition by the Town Planning Board (TPB) at its meeting on 5th April 2024. For compliance with Approval Condition (f), a Drainage Impact Assessment for proposed Temporary Logistics Center and Vehicle Inspection Center in D.D. 122 and adjoining Government Land, Ping Shan, Yuen Long has been carried out. In the meantime, the comments from Drainage Services Department (DSD) dated on 13 August 2025 is incorporated in this Drainage Proposal.

2. Objectives

The objectives of the drainage impact assessment study are to:

- Indicate the changes of the drainage characteristics due to developments;
- Assess the potential drainage impacts which might arise as a result of changes to the drainage characteristics caused by the development;
- > Establish adequate drainage provisions required within the development site;
- Propose mitigation measures which are to prevent detrimental flooding effects on surrounding areas if necessary.

3. Proposed Development

The site is developed as proposed temporary logistics center and vehicle inspection service center for a peric of 3 years.

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4. General Site Conditions

The site occupied approximately 30,000 sq.m and is situated near Yung Yuen Road, Ping Shan, Yuen Long.

Currently the site is paved with asphalt, concrete and gravel which is suitable for the proposed development and hence no upgrading of the road surface of the land is required.

There is a entrance at the northern of the site linking to the access road.

The ground level of the site range from about +8.5 mPD to about +6.1 mPD.

5. Existing Stormwater Drainage System

At present, an existing buried 750mm diameter concrete pipe located in the middle of the site, which collects overland runoff from existing 900mm diameter underground pipe in the northern side of the site (refer to Figure A4). The overland runoff of the bottom half of the site is collected from peripheral drains and then divert to existing catchpit no. EXCP1. The existing drainage pipe is connecting to an existing 1350mm diameter buried concrete pipe and discharged runoff into the existing public drain at the west of the site. The overland runoff of the upper half of the site is collected from peripheral drains and then divert to existing catchpit no. EXCPA. The existing catchpit no. EXCPA is connecting to an existing 525mm U-channel and discharged runoff into the existing public drain at the west of the site.

Catchment areas and the runoff flow direction plan are shown in Figure No. A1 to A5. The existing drainage systems is shown in the as-built drainage plans submitted in Application No. A/YL-PS633 and 659 (Figure No. D1 and D2) respectively.

The owner of existing drainage facilities belongs to 朗天停車場管理有限公司. The owner is consulted and agrees the applicant to discharge stormwater from the applicant site. The consent letter from the owner is attached in Appendix.

6. Potential Drainage Impact and Mitigation Measure

The proposed site was a paved area and the development will not alter the type of surface of the development site, no increase in surface runoff will be caused by the development.

Based on our site inspections and measurements, it is expected that upon site development, flow pattern and flow characteristics of the concerned area will not be adversely affected. The surface runoff will be discharged into an existing public stormwater drainage system as the case at present.

The proposed development will not change the current rainfall-runoff conditions within the site and its adjacent areas. However, in order to improve existing drainage conditions on site, new 450mm U-shaped surface channel will be constructed along the boundary of the site to discharge the runoff within the site and the surrounding efficiently.

Upon discharge into an existing buried 750mm diameter buried pipe, the surface runoff will be diverted to an existing buried 1350mm diameter buried pipe. Flow in the buried pipe will eventually be diverted to an existing 1200mm open channel before connected to the existing public stormwater drainage system. The capacity of the existing drainage system outside the site has been checked to be satisfactory.

CCTV survey shall be carried out for the existing underground pipes (i.e. 750mm dia. and 1350mm dia. pipes) to show its latest condition. The CCTV survey record shall be submitted for review during implementation stage. The extent of CCTV survey for existing underground pipes is shown in Figure E.

Hydraulic calculation of the existing 1350mm diameter pipe, existing 450mm and 525mm U-channel are shown in Appendix A.

Standard catchpit, catchpit with sand trap and u-channel (shown in Figure No. S2D005A) will be provide to connect the flow from the site to the existing buried pipes.

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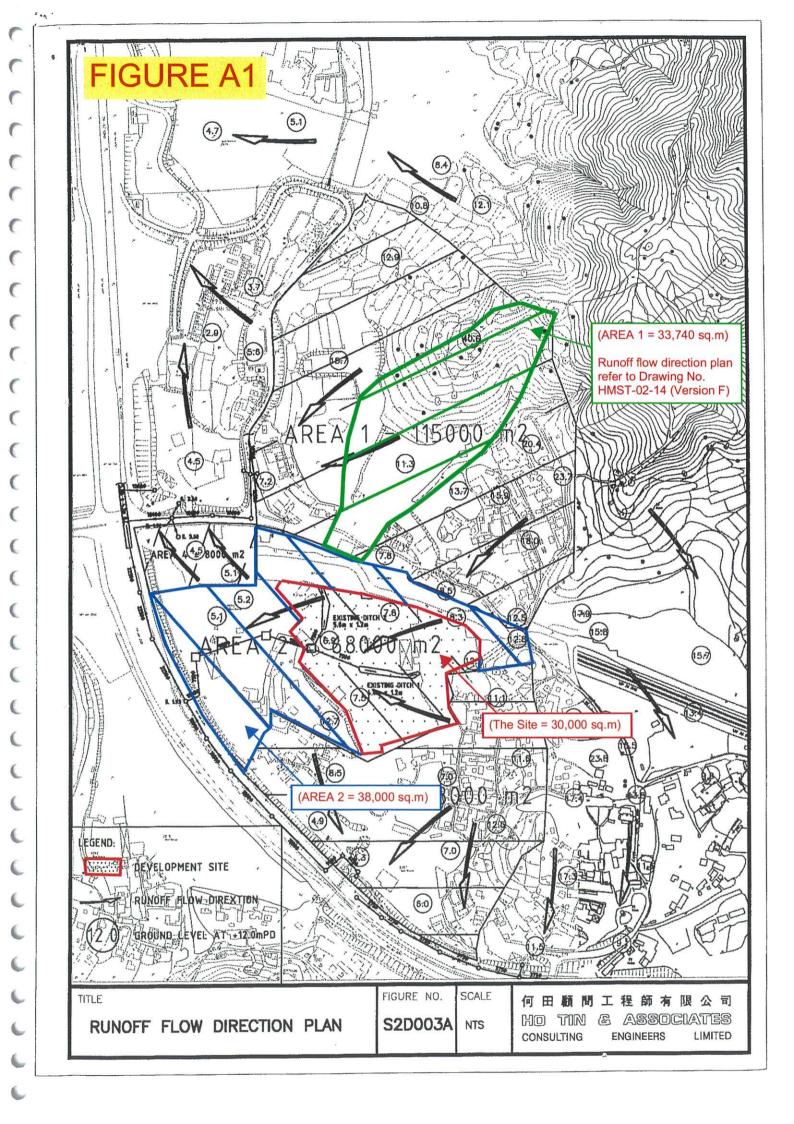
7. Conclusion

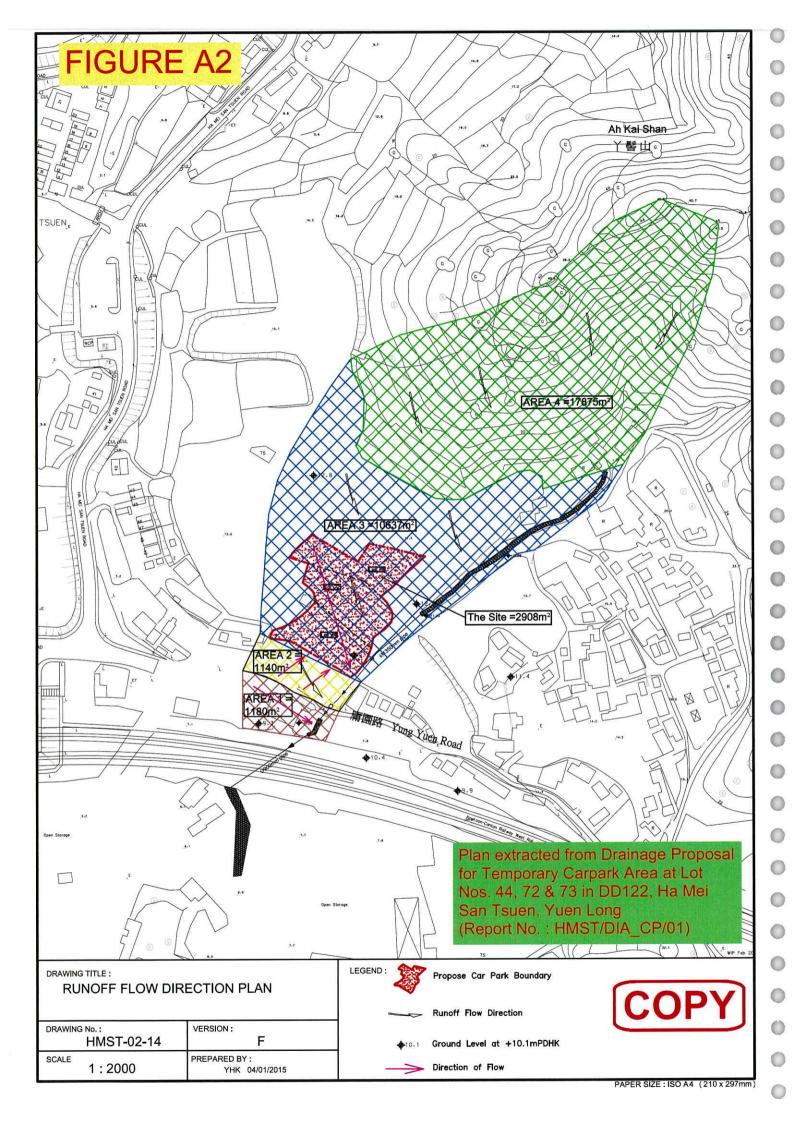
The development will not change the surface type of the site. Besides, no land or pond filling will be carried out in the proposed site and hence no alternation or increment in the surface runoff and the flow pattern will result.

Based on the site topography, it is expected that there will be minimal overland flow from adjacent area and therefore the proposed boundary is adequate to intercept the overland flow.

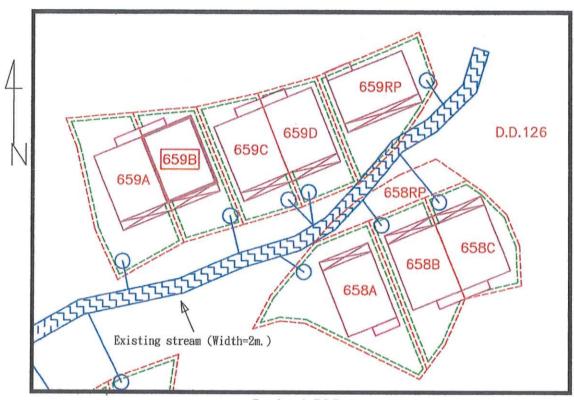
The proposed development will not cause adverse impacts on the existing drainage system and its surrounding areas and hence it will not cause any increase in the flooding susceptibility of the adjacent areas.

The proposal is considered technically feasible with respect to drainage matter.





Drainage Proposal D.D. 126 Lot 659B



Scale 1:500

659B Proposed House

Septic Tank

Balcony

1

Existing stream(Width=2m.)

Lot Boundary

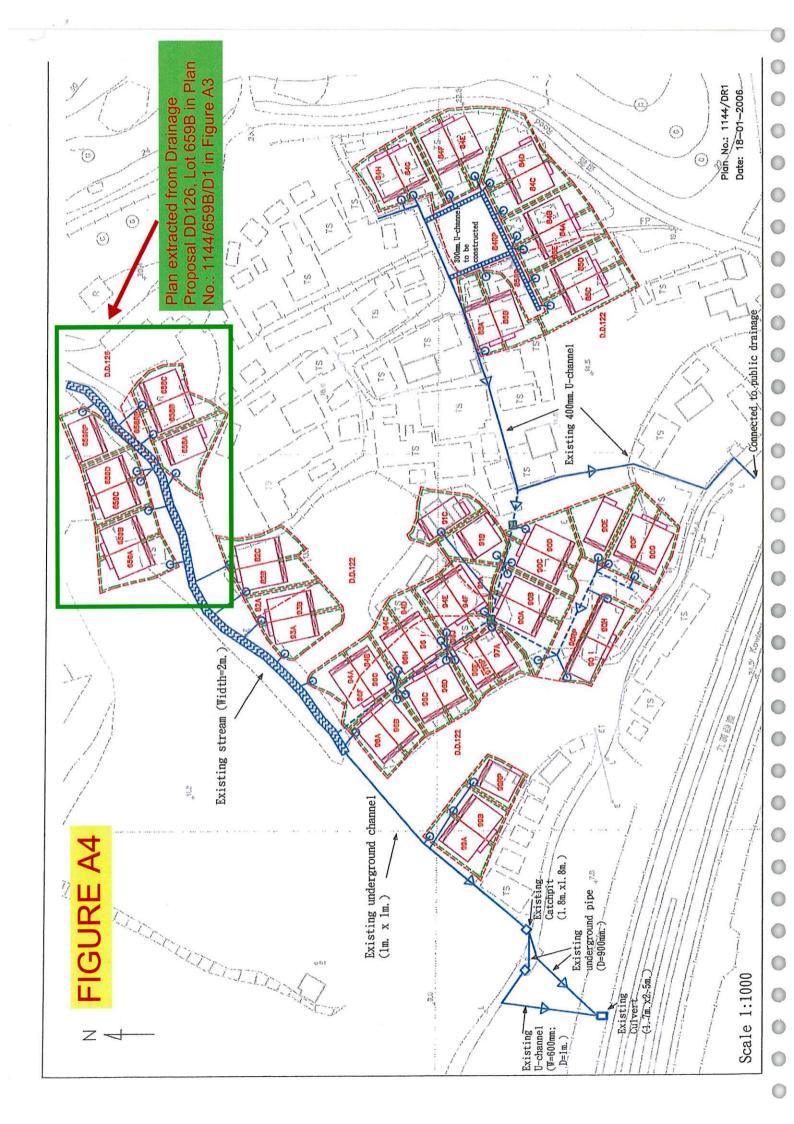
225U—Channel will be built along each lot boundary to collect surface run off

Last manhole of each house and the 9-inches pipe

800mm x 800mm Underground box channel to be built

1m. x 1m. Manhole Plan No.: 1144/659B/D1

Date: 18-01-2006





RUNOFF FLOW DIRECTION LEGEND



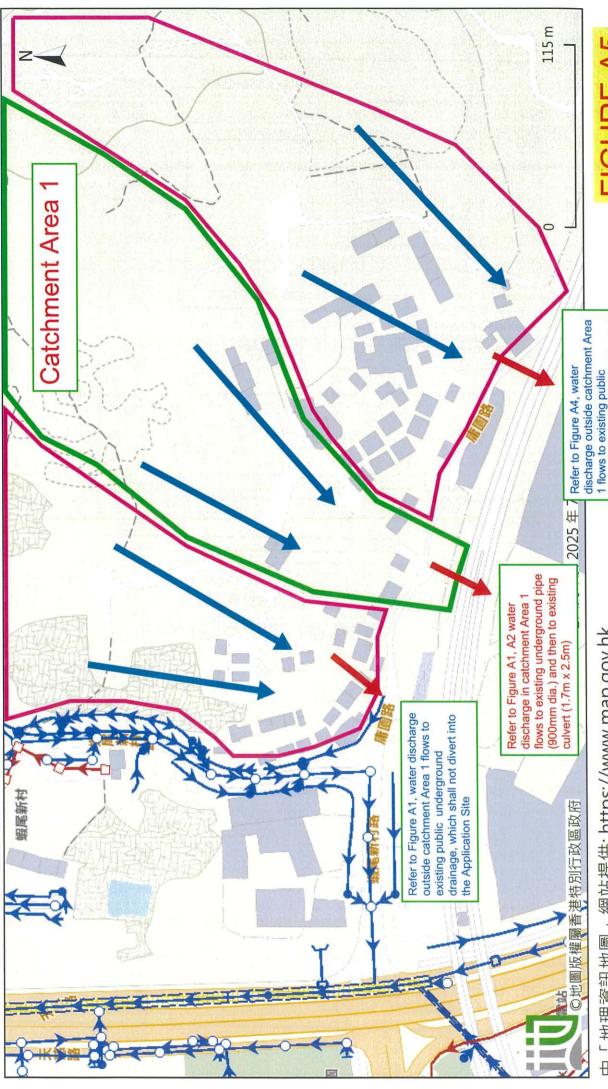
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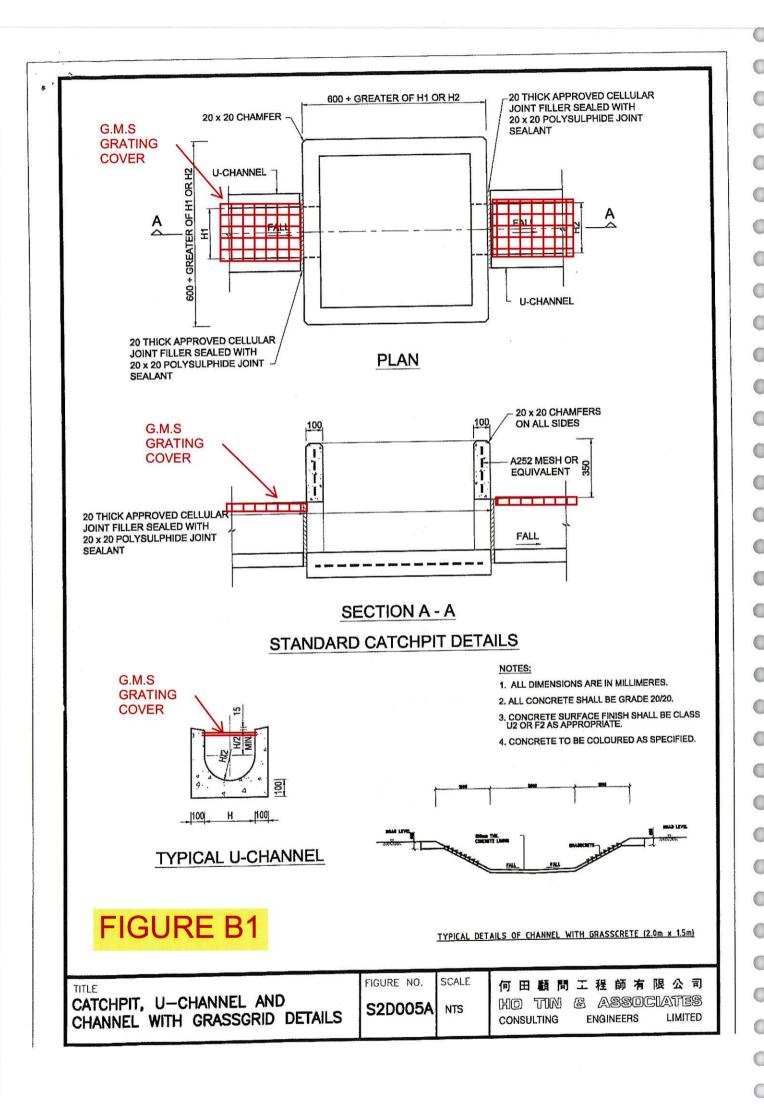


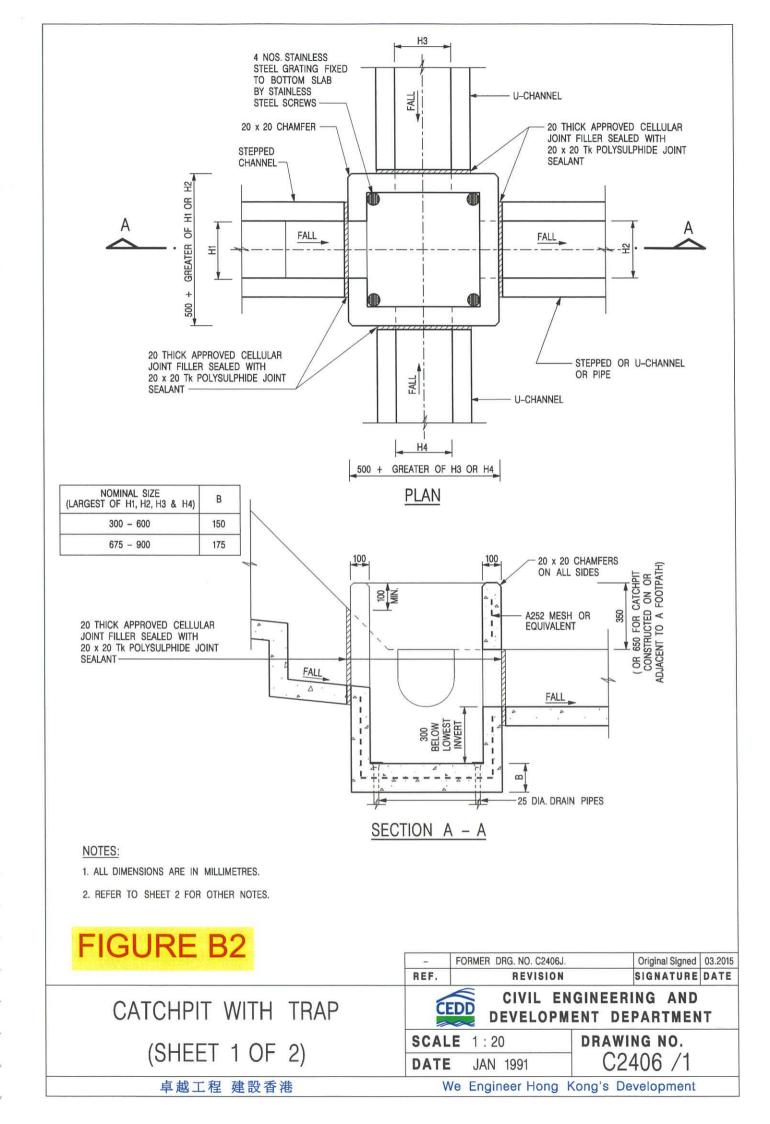
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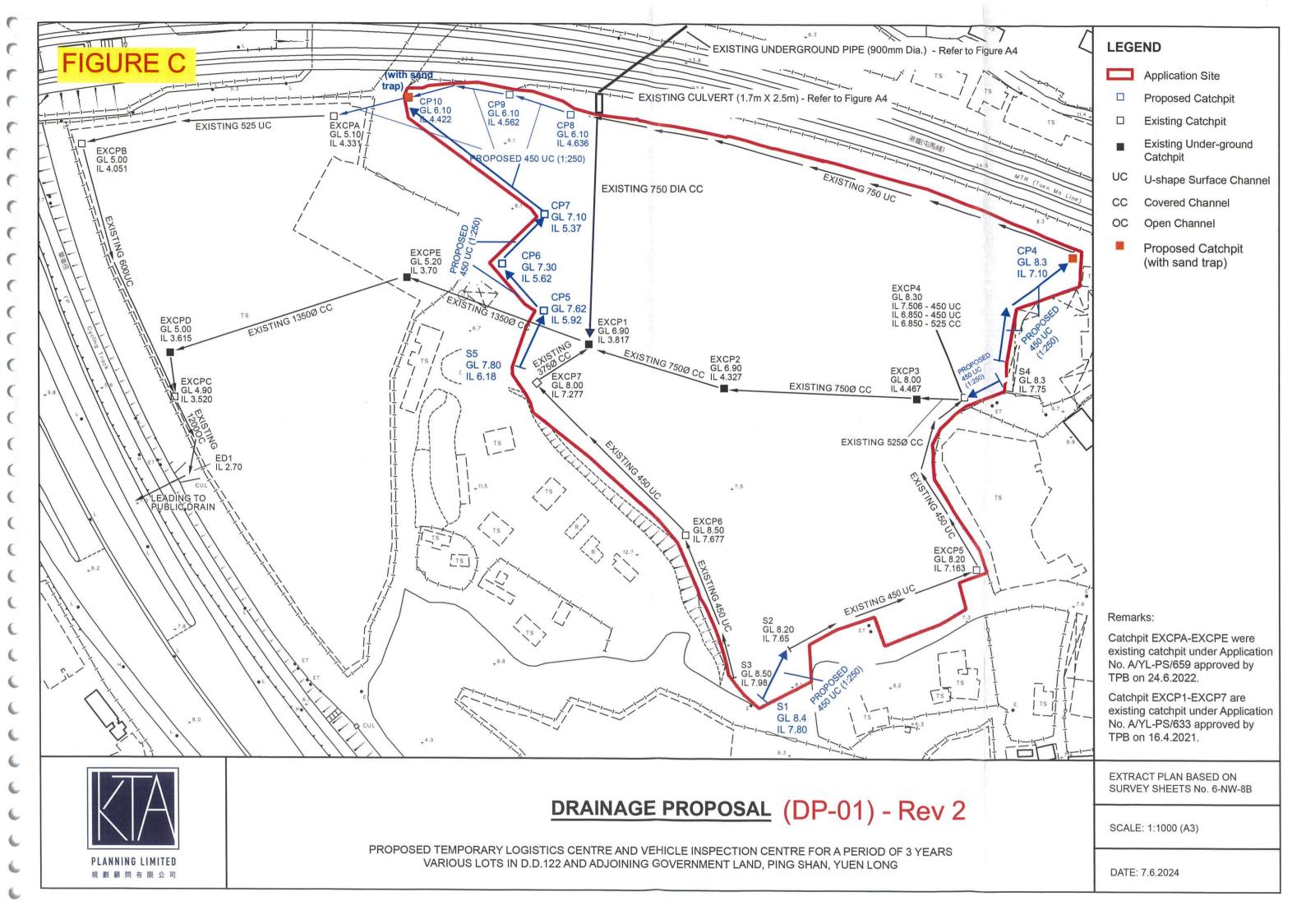
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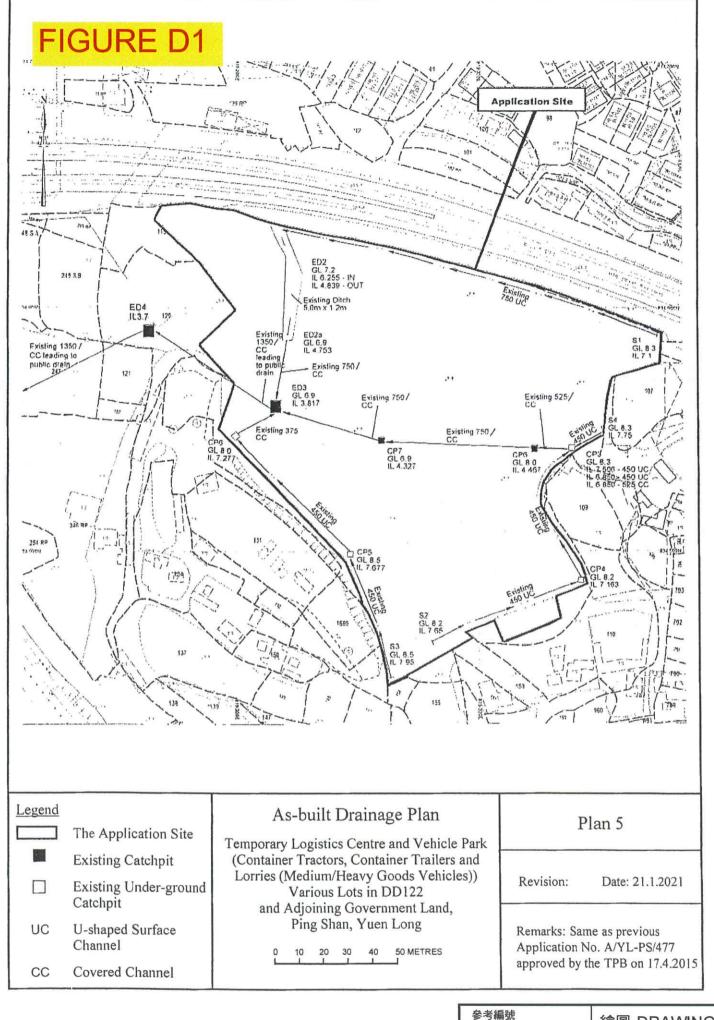
FIGURE A5

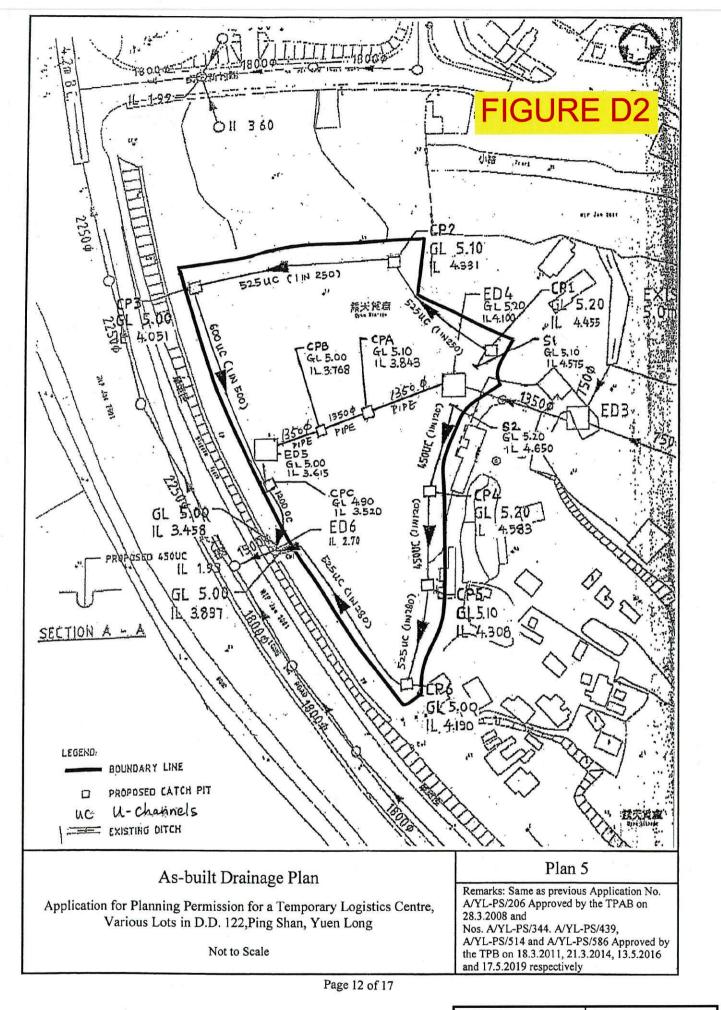
underground drainage, which shall not divert into the Application Site

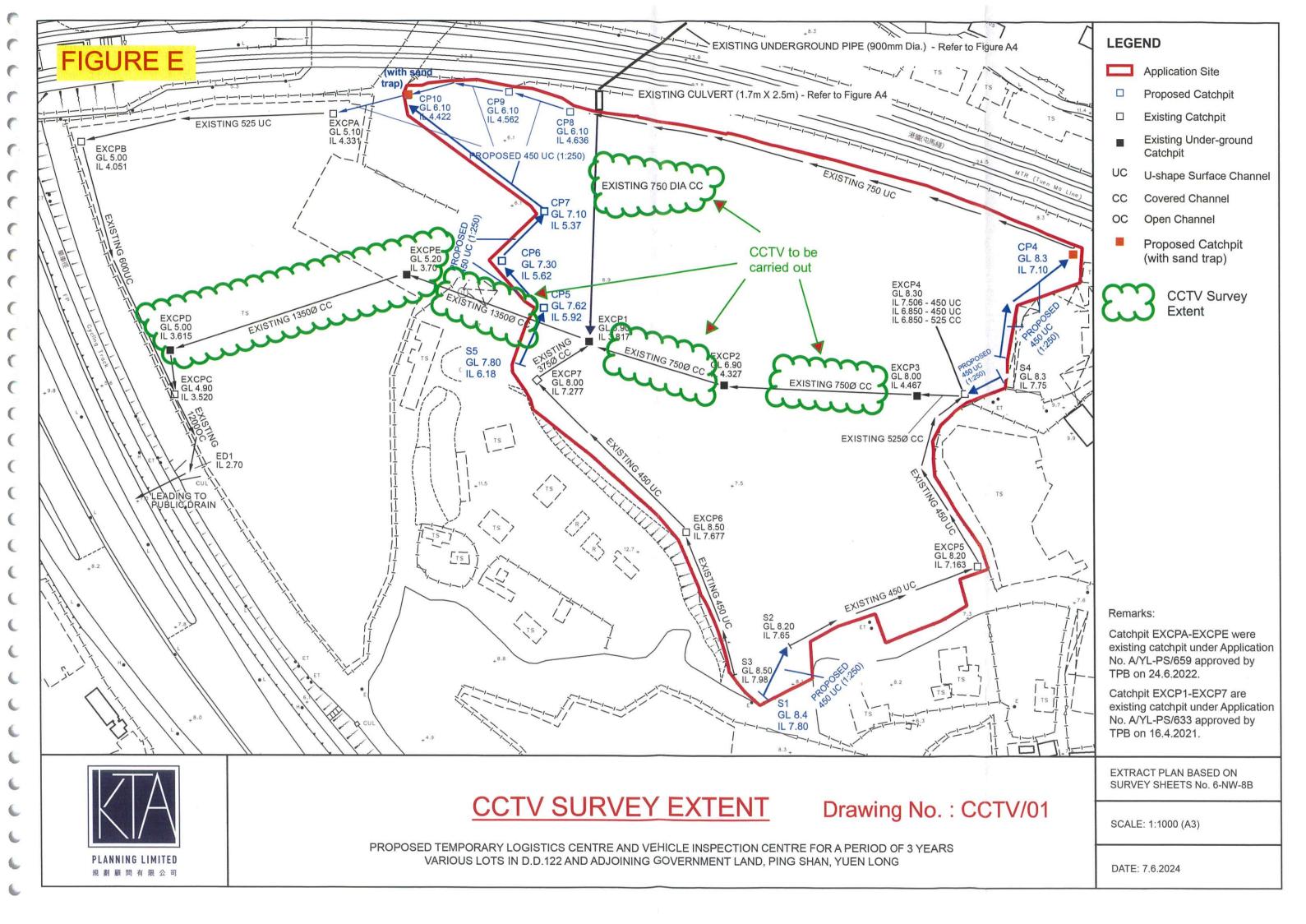












<u>Site Photos – General View</u>

The location plan and general view at the site is shown in the following site photos (with viewing direction).



General View of Application Site (with view direction)



Location Plan of Application Site



General View - 01



General View - 02



General View - 03



General View - 04

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General View - 05



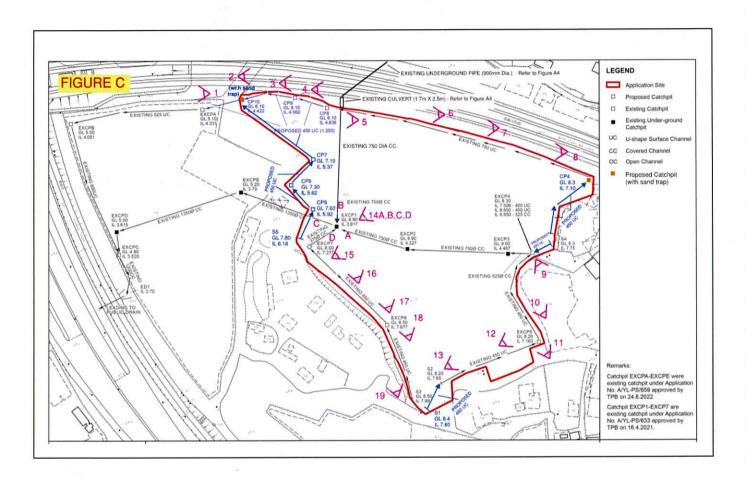
General View - 06



General View - 07

Site Photos - Drainage System

The current condition of existing drainage system and proposed drainage system at the development site is shown in the following site photos (with viewing direction).



Drainage Layout Plan of Application Site



Site Photo - 01

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Site Photo - 02



Site Photo - 03



Site Photo - 04



Site Photo - 05



Site Photo - 06



Site Photo - 07



Site Photo - 08



Site Photo - 09



Site Photo - 10



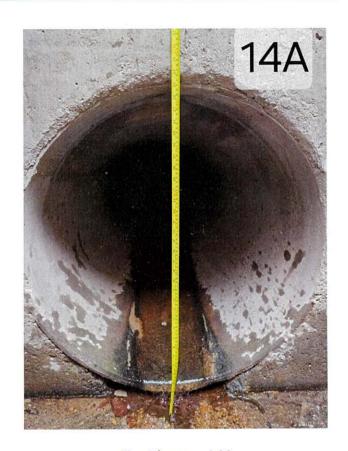
Site Photo - 11



Site Photo - 12

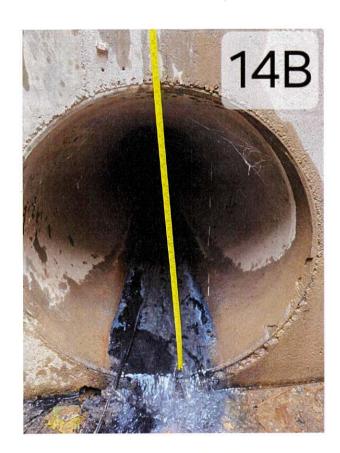


Site Photo - 13

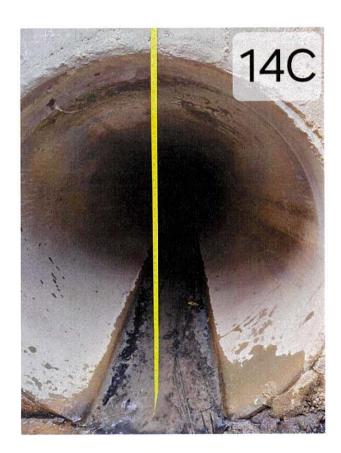


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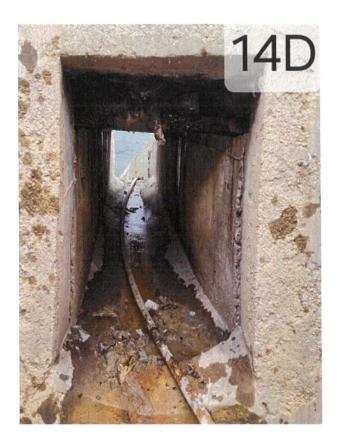
Site Photo – 14A



Site Photo – 14B

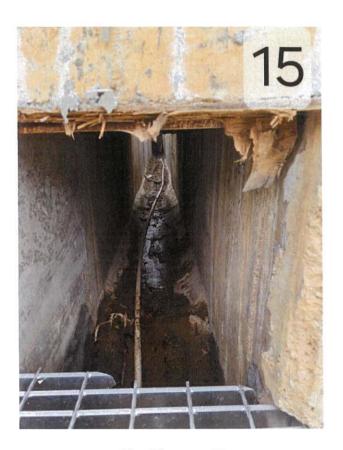


Site Photo - 14C



Site Photo – 14D

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Site Photo - 15



Site Photo - 16



Site Photo - 17



Site Photo - 18



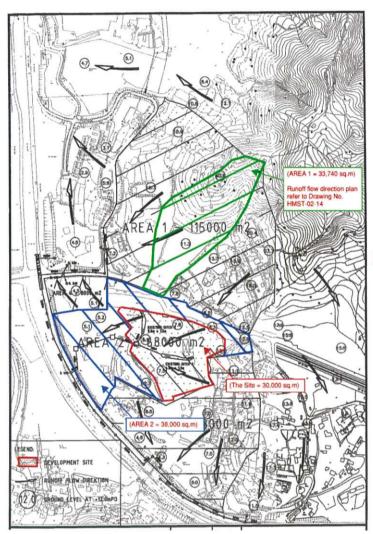
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Site Photo - 19

Project:		By:		Job Ref:	
	Drainage Impact Assessment		DY		APPENDIX A
Subject:		Page :		Date :	
- 5	Hydraulic Calculation (Revision 3)		HC-01		3/10/2025

Step 1 : Define Catchment (refer to Drawing No. S1D003A - Runoff Flow Direction Plan)



Surface characteristics	Runoff coefficient, C(#1)
Asphalt	0.70-0.95
Concrete	0.80-0.95
Brick	0.70-0.85
Grassland (heavy soil soil) (#2)	
Flat	0.13-0.25
Steep	0.25-0.35
Grassland (sandy soil)	
Flat	0.05-0.15
Steep	0.15-0.20

Remark:

#1 : For steep natural slopes or areas where a shallow soil surface is underlain by an impervious rock layer, a higher C value of 0.4-0.9 may be applicable.

#2 : Heavy soil refer to fine grain soil composed larged of silt and clay

(Extracted from Section 7.5.2 of Stormwater Drainage Manual ,DSD 201

(Plan extracted from Drawing No. S2D003A)

Catchment	Description	C Value	Area (sq.m)
Area 1	Natural Slope of Ah Kai Shan (丫髻山) and temporary carpark ^{#1}	0.8	33,740
Area 2	Existing paved logistic storage area	0.95	38,000
The Site	Area of proposed development	0.95	30,000

Project:		Ву:		Job Ref:	
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	Hydraulic Calculation (Revision 3)		HC-02		3/10/2025

Step 2 : Determine the Time of Concentration

time of Concentration $t_c = t_o + t_f$

Where

to = inlet time (time taken for flow from the remotest point to reach the most upsteam point of the

urban drainage system) t_f = flow time in drainage system

$$t_o = \frac{0.14465L}{H^{0.2}A^{0.1}}$$

Where

A = Catchment Area (m²)

H = average slope (m per 100m), measured along the line of natural flow, from the summit of the catchment to the point under consideration

L = distance (on plan) measured on the line of natural flow between the summit and the pont under consideration (m)

Catchment	Max. Elev. (m)	Max. Elev. (m)	L _A (m)	H _A (m/100m)	Area (sq.m)	t _o (min)
Area 1	45.5	8	310	12.10	33,740	9.60
Area 2	12.5	5.1	189.5	3.91	38,000	7.27
The Site	8.5	6.1	170	1.41	30,000	8.19

Where H_A <1, a conservative value of 1 has been assumed.

$$t_f = \sum_{j=1}^n \frac{L_j}{V_j}$$

Where

 L_j = length of jth reach of drain

V_j = flow velocity in jth reach of drain

Catchment	Catchment Drain		Flow Length (m)	t _f (min)	t _o (min)
Area 1	Nature ditch and 900mm diameter pipe		101.40	0.56	10.16
Area 2	Directly flow to critical drain	3	0.00	0.00	7.27
The Site	Directly flow to critical drain	3	0.00	0.00	8.19

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200	Drainage Impact Assessment		DY		APPENDIX A
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	Hydraulic Calculation (Revision 3)		HC-03		3/10/2025

Step 3: Determine Rainfall

According to the rainfall zone as shown in Figure 3 (Delineation of Rainfall Zones) of SDM, the Application Site is located in an area that adopts rainfall statistics of HKO Headquarters. Hence, the design strom constants are adopted in accordance with Table 3a of the SDM.

Storm Constants for Different Return Periods of HKO Headquarters

(Stormwater Drainage Manual - Table 3a) (in Corrigendum No.1-2024)

	Return Period T (Years)				
	10	20	50	100	
а	485	496	505.5	508.6	
b	3.11	3.17	3.29	3.38	
С	0.397	0.377	0.355	0.338	

Extreme Mean Intensity (under 50 years return period)

(Stormwater Drainage Manual - Section 4.3.2)

$$i = \frac{a}{(t_x + b)^c}$$
 x 1.16 (Climate Change Factor *)

Where

i = mean extreme intensity in mm/hr t_d = duration in minutes (td <= 240), and

Catchment	t _d	i
Area 1	10.16	233.04
Area 2	7.27	253.95
The Site	8.19	246.57

The effects of climate change are considered in accordance with Clause 6.8 and Table 28 of the SDM and Corrigendum No.1-2022

As catchment areas are < 25 sq.km, there is no need to use the Areal Reduction Factor (Stormwater Drainage Manual - Section 4.3.5)

Step 4: Determine Existing Catchment Runoff

Deterministic Peak Runoff Flow - Using the Rational Method

(Stormwater Drainage Manual - Section 7.5.2)

Q = 0.278 CiA

Where

Q = Peak runoff in m³/s

C = Runoff coefficient (dimensionless) i = Rainfall intensity in mm/hr

A = Catchment Area in Km²

Maximum Discharge from Catchment Areas

Catchment	C Value	Area (sq.km)	1	Q (cu.m / s)
Area 1	0.8	0.034	233.04	1.75
Area 2	0.95	0.038	253.95	2.55
The Site	0.95	0.030	246.57	1.95

Project:	:	By:		Job Ref:	
	Drainage Impact Assessment	<u> </u>	DY		APPENDIX A
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Step 5: Determine Drainage Capacity of Existing Drains

For Precast Concrete Pipe

Colebrook White Equation is used to calculate the full bore capacity of the existing concrete pipes

$$V = -2(2gDS)^{0.5} \log \left(\frac{k}{3.7D} + \frac{2.5v}{D(2gDS)^{0.5}} \right)$$

Where

V = Full bore pipe velocity (m/s)

k = Colebrook-White roughness coefficient (in metre)

D = Circular cross-section pipe diameter (m)

S = gradient (m per m)

v = kimematic viscosity of water (m²/s)

$$v = 0.000001 \text{ m}^2/\text{s}$$

Refer Table 14 of Stormwater Design Manual, Colebrook White roughness coefficient for precast concrete pipe in poor condition :

$$k = 0.6$$
 mm

Pipe	k (m)	D (m)	S	v (m²/s)	v (m/s)
1350	0.0006	1.35	0.0118	0.000001	4.38
900	0.0006	0.9	0.0183	0.000001	4.24

Pipe	Cross-section Area (sq.m)	Discharge Capacity (m ³ /s)		
1350	1.4	6.3		
900	0.6	2.7		

For Box Culvert and Open Channel

Manning's Equcation

$$V = \frac{R^{1/6}}{n} \sqrt{RS_f}$$

Where

V = Velocity (m/s)

R = Hydraulic Radius (m)

 $S_{\ell} = \text{slope (m per m)}$

n = Manning's Roughness Coefficient

Refer Table 13 of Stormwater Design Manual, Manning's roughness coefficient for concrete line channel in poor condition:

$$n = 0.018$$

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	Drainage Impact Assessment		DY		APPENDIX A
Subject:		Page :		Date :	
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For 525U-Channel is in full capacity,

Discharge Capacity = VA = 1.13 cu.m/s

For 450U-Channel is in full capacity,

Step 6: Determine the Occupied Percentage of Discharge Capacity

Refer to Figure C, bottom half of catchment area in the Application Site will be discharged to existing 1350mm diamter concrete pipe and 450 U-channel, upper half of catchment area in the Application Site will be discharged to existing 525 U-channel, therefore the corresponding occupied percentage of discharge capacity shall be as follows:

Drain	Related Catchment	Total Peak Runoff under 1:50 year return period (m³/s)	Maximum Discharge Capacity (m³/s)	Occupied Percentage
1350mm diameter Concrete Pipe	Area 1, 2 and the Bottom Half of Site	5.27	6.3	84%
525 U-Channel	Upper Half of the Site	1.02	1.13	90%
450 U-Channel	Bottom Half of the Site	0.94	1.05	89%

排水同意書

本公司現同意規畫申請號碼:A/YL-PS/706 之排水系統,經由附圖 DP-01,沙井 EXCP1 及 EXCPA 排方至公工排水系統。

上述沙井 EXCP1、EXCPA 及相關排水渠由本公司運作及維修。



朗天停車場管理有限公司 2025年1月2日