



Your Ref.

Our Ref. 4110419-0491

Date 28 May 2026

BY EMAIL AND POST

Town Planning Board
15/F, North Point Government Offices
333 Java Road
North Point, Hong Kong

Dear Sir/Madam,

Agreement No. CE 82/2022 (WS)
In-situ Reprovisioning of Tsuen Wan Water Treatment Works – Investigation, Design and Construction
Further Information of S.16 Application

Further to S.16 Planning Application No. A/TW/549, we would like to enclose the following documents for further information of the S.16 Application:

1. Replacement pages of Application Form
2. Replacement pages of Planning Statement
3. Replacement pages of Figures
4. R-to-C Table

For your easy reference, pages to be replaced for each document are list in below table.

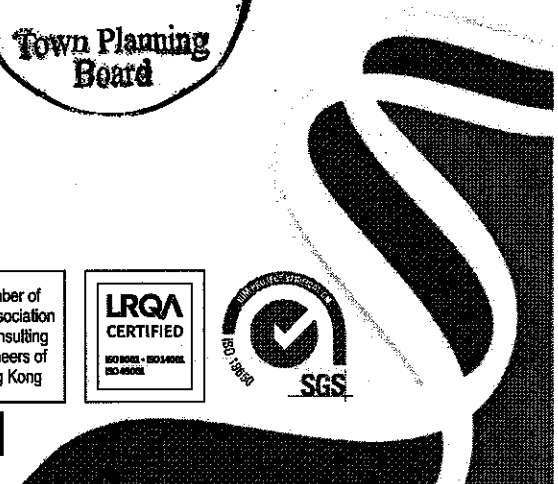
Document	Replacement Page/Figure
Application Form	2, 10, 14
Figures	1-5, 22, 26, 28, 32, 34
Planning Study Report	i, ii, 1, 3-23

Should you have any queries, please feel free to contact our Mr. Anthony Leung at [REDACTED]

Yours faithfully,
for and on behalf of
BINNIES HONG KONG LIMITED

Augustine Li
PROJECT MANAGER

SKL/YTC



Responses to Comments

Comments received from:

1.	PlanD/UD&L	2
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1. PlanD/UD&L

Section/ Para.	Comment(s)	Response(s)
Application Form - Section 9	(a) "no tree felling" is selected in the tick box but two trees will be affected and felled due to the development. Please review.	Please note that there would be no tree felling in our application site. Application form is revised.
Planning Statement - Section 3.1.7	(b)(i).The consultant is stated that T380 and T381 are within the Application Site. However, referring to Figure 35, neither of mentioned trees are within the application site. Please verify.	As there is no tree felling, Figure 35 is deleted.
	(b)(ii). According to DEVB TC(W) No. 4/2020, the Tree Preservation and Removal Proposal (TPRP) shall be prepared and submitted to the Tree Works Vetting Panel (TWVP) of the project proponent or project department, instead of being submitted directly to DEVB. For details, please refer to paragraph 13 of the Circular."	As there is no tree felling, clause 3.1.7 is deleted.
Planning Statement - Section 3.1.8	(b)(iii). It is noted that the consultant proposed "Landscape features are designed to achieve maximum convenience and efficiency for the usage of water treatment works areas ...Photomontages of the overall Proposed Development is provided in Figure 36 to 40." However, the stated landscape features could not be found in the mentioned figures. The proposed landscape feature should be indicated in a landscape plan for reference.	Clause 3.1.8 is revised below "...Photomontages of the overall Proposed Development is provided in Figure 22." (revised to A4 size)
Planning Statement - Section 4.3.3.2	(b)(iv). Please refer to comment item (b)(ii) above and review accordingly.	As there is no tree felling, clause 4.3.3.2 is revised. We would also like to clarify the status of the GLA is proposed. Relevant replacement drawings are attached.

2. Public Comments

Section/ Para.	Comment(s)	Response(s)
	It is high time that we be provided with a clear definition of what exactly MINOR means. In this instance it is actually an increase of 100% so the term is clearly a misrepresentation. There should be a limit to the abuse of this term.	Comparing the total GFA of the proposed sludge treatment plants (i.e. 4,136m ²) which is about 12% of the total GFA of the Project (around 34,600m ²), among which the major facilities will allow up to 4-story buildings high on the OZP. Each application for minor relaxation of

Section/ Para.	Comment(s)	Response(s)
		<p>building height restriction will be considered by the Town Planning Board on a case-by-case basis subject to the individual planning circumstances and merits of the proposals. The proposed minor relaxation of building height restriction for sludge treatment plants are integral to the reprovisioning and upgrading of Tsuen Wan Water Treatment Works, providing an essential infrastructure to serve the public while addressing various operational and site constraints. The comprehensive project scope encompasses the East Wing, West Wing, Staff Quarters, Administration Building, and the peripheral areas adjacent to the TWWTW. Given that the proposed height restriction relaxation applies to only a small percentage of this aggregate site area, the modification should be formally categorized as minor in scope. We therefore consider the proposal is acceptable.</p>
<p>Planning Statement</p>	<p>No images provided of the finished building, one has to rely on the as ever effusive description provided on page 21. The steel fins sound dodgy. Steel can corrode and rust in harsh conditions and the location is on a hill side so subject to the impact of heavy rainfall and storms. But then Binnies is not big visuals.</p>	<p>Please note that a photomontage of the proposed development is incorporated in Figure 22 to show the finished building.</p> <p>For the appearance of the proposed development, materials with higher resistance to corrosion will be adopted at the detailed design stage.</p>

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1 INTRODUCTION

1.1 Objective of the Application

1.1.1 This application is prepared by Binnies Hong Kong Limited (Binnies) on behalf of the Applicant, Water Supplies Department (WSD) of the Government of the HKSAR, to seek approval from the Town Planning Board (TPB) under Section 16 of the Town Planning Ordinance (TPO) for the proposed minor relaxation of the height restriction for the proposed Sludge Treatment Plants (STPs) under the reprovisioning works of Tsuen Wan Water Treatment Works (Proposed Development). To maintain continuous supply of freshwater, the operation of existing TWWTW shall be maintained during construction, the Proposed Development will be constructed in 2 phases. The proposed facilities under the Proposed Development in different phases are listed below.

- Main Building (East Wing) Phase 1
- Main Building (West Wing) Phase 2
- Administration Building (Phase 1)
- Hypochlorite Storage Tanks (Phase 1)
- Valve Inlet House (Phase 1)
- Chemical Storage (Phase 1 and Phase 2) and
- Sludge Treatment Plant (Phase 1 and Phase 2)

1.1.2 Most of the Proposed Development fulfills the current requirement as specified in the Draft Tsuen Wan Outline Zoning Plan No. S/TW/40 except the height restrictions of the proposed two blocks of 4-storey Sludge Treatment Plants as shown in the **Figure 1**. This report will illustrate the reasons for increasing the height restrictions.

1.1 Project Background

1.1.1 Tsuen Wan Water Treatment Works (TWWTW) was commissioned in 1957. It treats raw water from Shing Mun Reservoir (SMR), Tai Lam Chung Reservoir (TLCR) and raw water through Lower Shing Mun Raw Water Pumping Station (LSM RWPS). Currently, its supply zone mainly covers Kwai Chung and part of Tsuen Wan areas.

1.1.2 Considering the deteriorating condition due to aging of the existing TWWTW, to ensure the reliability of freshwater supply in Tsuen Wan and Kwai Tsing areas in future, the existing water treatment works are required to uprate its associated raw and freshwater facilities in phases to meet the current water treatment standards.

1.1.3 An upgrade and reprovision of the existing TWWTW is thus necessary to enhance the reliability of freshwater supply in Kwai Tsing and Tsuen Wan areas. The TWWTW is a major water treatment facility in New Territories West. Uninterrupted operation of the TWWTW is required throughout the implementation of the upgrading and reprovisioning, which is the need for the In-situ Reprovisioning of the TWWTW by phase (herein after referred as the “Project”).

1.1.4 On 19 June 2023, WSD appointed Binnies Hong Kong Limited (Binnies) to undertake an investigation study, design and construction supervision of the (hereinafter

2 PLANNING AND SITE CONTEXT

2.1 Statutory Plan

2.1.1 The Application Site (Sludge Treatment Plants) falls within Draft Tsuen Wan Outline Zoning Plan No. S/TW/40 as shown in **Figure 1**. The Application Site falls within “Government, Institution or Community” (G/IC).

2.2 Site Location and Existing Condition

2.2.1 The Application Site (Sludge Treatment Plants) is located in the existing TWWTW – Sheung Kwai Chung, as shown in **Figure 2**. It sits at an approximate ground level of +105mPD on a hill between Castle Peak Road – Kwai Chung and Cheung Pei San Road. To the north and west of the Site lies the Shing Mun Valley Park. There are some village-type housing and high-rise residential buildings to the south and east of the site. Access to the Application Site is from the northeast via Shing Mun Road, leading of Wo Yi Hop Road. While exiting from the Application Site would be through Shing Mun Road and junction into Texaco Road North to the West of Site. Site access is shown in **Figure 4**.

2.2.2 TWWTW was built in 1957. The treatment works is divided into two streams, referred to as the East Wing and West Wing respectively. The existing Site condition is also shown with photos in **Figure 5** to **Figure 21**.

2.2.3 Currently, washwater from the existing TWWTW is handled by the existing sludge treatment facility (i.e. Washwater Recovery System) and the thickened sludge is discharged to the public sewer.

2.2.4 As shown in **Figure 22**, only central part of the East Wing and West Wing are 3 storeys while the remaining parts are 2 storeys. In the Proposed Development of TWWTW, the proposed new East Wing and West Wing have fully utilized its footprint to 4 storeys, which aligns with the height limitation specified in the Draft Tsuen Wan Outline Zoning Plan (OZP) No. S/TW/40.

2.3 Surrounding Land Uses

2.3.1 The Application Site (Sludge Treatment Plants) is located at government land while there are some village-type housing and high-rise residential buildings to the south and east of the Application Site (Sludge Treatment Plants).

2.4 Land Status

2.4.1 The Application Site (Sludge Treatment Plants) falls within government lands (proposed GLA-TW-491), which its area is about 2,392m² as shown in **Figure 1**.

2.4.2 Currently, GLA-TW-491 is permanently assigned to WSD for water treatment works use. Therefore, neither resumption nor clearance or re-provisioning of private land is required.

3 INDICATIVE DEVELOPMENT PROPOSAL

3.1 Proposed Sludge Treatment Plants of the TWWTW

- 3.1.1 The proposed STPs within the TWWTW would be part of the Proposed Development. The area of the Application Site is about 2,392m². The overall Master Layout Plan (MLP) is shown in **Figure 3**.
- 3.1.2 Most of the reprovisioned structures fulfill the requirements as specified in the Outline Zoning Plan (OZP) except the two STPs. The two proposed STPs (4-storey buildings) which exceed the height restriction as specified in the approved OZP. Thus, the following sections will mainly focus on the details of the STPs for the height restriction.

Table 3-1: Building Height of Proposed Facilities

Facilities	Building Heights (storey, excluding basement)	Building Height Restrictions on OZP (storey, excluding basement)
Proposed Sludge Treatment Plants of TWWTW		
Sludge Treatment Building (Phase 1)	4	2
Sludge Treatment Plant (Phase 2)	4	2
Other proposed buildings of the Re-provisioning of TWWTW (comply with OZP BH restriction)		
East Wing (Phase 1)	4	4
West Wing (Phase 2)	4	4
Administration Building (Phase 1)	3	4
Inlet Valve House (Phase 1)	1	2
Chemical Storage (Phase 1)	1	2
Chemical Storage (Phase 2)	2	2
Hypochlorite Storage Tanks	1	2

- 3.1.3 As shown in **Table 3-2**, the following facilities of proposed STPs would be constructed in phase 1 and phase 2 respectively. The underground structure could be accessed by staircase within the above ground structure. The sizes and internal layout of the Proposed Development, as well as the above ground structures, would be subject to review at the detailed design stage. The layout arrangements and sectional view of STPs are shown in **Figure 23** to **Figure 34**.

Table 3-2: Proposed Facilities in the Application Site

	Facilities Above Ground Storey	Facilities Below Ground Storey
Proposed STP (Phase 1)	Motor Control Centre Hall, Thickened Sludge Holding Tank, Filter Press and Pump Hall, Transformer Room, Switch Room, Thickener Storage Tank	Polymer Room and Sludge Balancing Tank

	Facilities Above Ground Storey	Facilities Below Ground Storey
Proposed STP (Phase 2)	Motor Control Centre Hall, Thickened Sludge Holding Tank, Filter Press and Pump Hall, Transformer Room, Switch Room, Thickener Storage Tank	Polymer Room and Sludge Balancing Tank

3.1.4 A 3.5 m to 4.5 m width loading/unloading area is provided within the proposed STPs at the ground floor. Routine maintenance works, such as extraction of sludge to maintenance vehicle for disposal off site, will be carried out within the proposed STPs. The proposed STPs could be accessed by maintenance vehicle via Shing Mun Road. The maximum height of storeys above ground of the STPs is 4 storeys and the details of storey arrangement of the proposed STPs is shown in **Table 3-3**.

Table 3-3: Development Schedule for the STPs (Phase 1 and Phase 2)

Facilities	Building Height (top roof level), mPD	Floor Area (m ²)	Total GFA (m ²)	No. of Storey (above ground)	Basement (below ground)
Proposed STP (Phase 1)	138.10	435	2,076	4	1
Proposed STP (Phase 2)	138.10	432	2,060	4	1
Total Floor Area of STPs (m²)			867		
The Application Site (Sludge Treatment Plants) Area (m²)			About 2,392		

3.1.5 The proposed STPs (Phase 1 and Phase 2) will have a founding depth of 8m, similar to that of the proposed East Wing and West Wing. Since the construction of the proposed STPs are founded close to the existing slope, and in close proximity to the existing operating facilities, pile foundation will be adopted to minimise the impact to the existing slopes and operating facilities.

3.1.6 Compared to the existing TWWTW, the proposed STPs would include sludge thickening and dewatering facilities which will further enhance the water recovery rate (i.e. reduce the volume of sewage to be discharged to public sewer). By considering the hydraulic condition, the height of the proposed STPs is required to have 4 storeys to accommodate sludge thickening tanks, filter press and associated chemical dosing system.

3.1.7 Landscape features are designed to achieve maximum convenience and efficiency for the usage of water treatment works areas with the adoption of tree planting, ground cover and shrubs to minimise visual impact. Photomontages of the overall Proposed Development is provided in **Figure 22**.

- 3.1.8 The Proposed Development at TWWTW associated with the access road abuts Shing Mun Road (as shown in **Figure 4**). Site ingress and egress will be provided through the entrance gate at Shing Mun Road. The entrance gate is required to guard against illegal entrance to the Application Site (Sludge Treatment Plants).

4 JUSTIFICATIONS

4.1 Benefits to the Tsuen Wan and Kwai Chung Area from the In-situ Reprovision Work

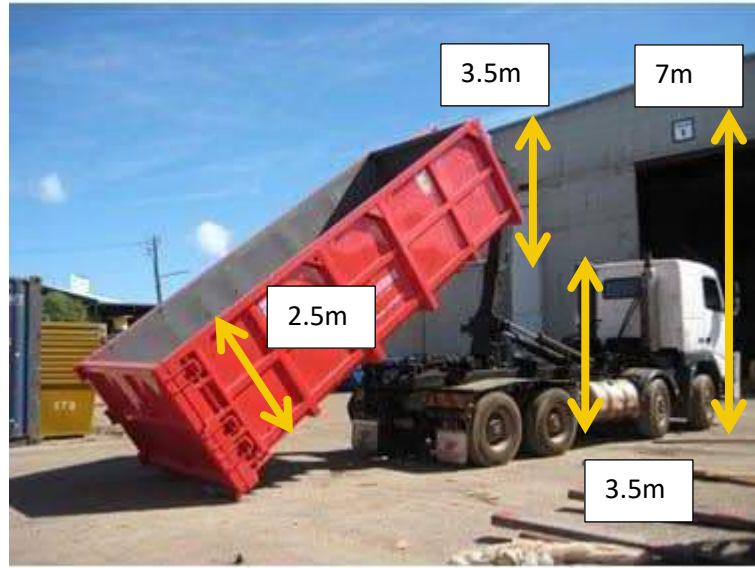
- 4.1.1 As mentioned in **Section 3.1.6**, the proposed STPs is to enhance the water recovery rate to form sludge cake with dry solid content $\geq 30\%$ (i.e. less sewage would be generated and discharge to the public sewer). The existing water recovery rate is about 98% while the reprovisioned TWWTW will enhance the water recovery rate to 99.5%. Upgrading treatment processes and infrastructure will ensure operational resilience and support long-term sustainability of the regional water supply network.

4.2 Necessary to Relax the Building Height to Accommodate Design Operation Requirements and Site Constraints

- 4.2.1 The existing two-storey height limit restricts the available floor area, which leads to insufficient floor area to accommodate the full range of treatment facilities, equipment, and support spaces required for the sludge treatment plant. To meet operational needs, additional storeys are thus necessary.
- 4.2.2 Sludge treatment at water treatment works in Hong Kong is an essential process to manage sludge generated during water purification. The reasons to have sludge treatment are listed below.
- (1) Volume reduction and Cost Efficiency
Sludge from water treatment processes has a very high water content which making it bulky and difficult to handle. Gravity thickeners and filter presses are adopted to remove excessive water, pressing the sludge into dry cakes. Dry sludge cakes (solid content $\geq 30\%$) would have significant small volume which lowers the cost of transporting waste to disposal sites and minimizes the use of limited landfill space. The excessive water content will be recirculated to the water treatment process.
 - (2) Legal and Environmental Compliance
Hong Kong has strict regulations regarding waste disposal to prevent secondary pollution. The Environmental Protection Department (EPD) requires that sludge must reach a minimum of 30% dryness before it can be accepted at landfills since early 1993.
- 4.2.3 The sludge treatment of the existing TWWTW is simple sedimentation process which is still bulky with high water content. The simple sedimentation process only requires a tank for gravity sedimentation with less equipment as shown **Figure 40**. The sludge will be directly discharged to public sewers currently. Therefore, 1 storey structure would be good enough. As mentioned in **Clause 4.2.2**, additional equipment such as gravity thickener, filter presses and associated pumps & power cabinets would be required to generate sludge cakes with solid contents $\geq 30\%$ for landfill dumping. This process fosters the goal of zero net discharge to the public sewerage system. Therefore, additional storeys are required to accommodate these equipments within the Application Site (Sludge Treatment Plants).

4.2.4 There are 4 storeys of the proposed STPs above ground. Due to the limited area in TWWTW and hydraulic consideration, liquid sludge generated from the water treatment building will be transferred to the sludge balancing tank in the basement for flow equalization. Liquid sludge will then be pumped into sludge thickener with polymer dosing at roof for thickening process. The thickened sludge will be temporary stored in the thickened sludge holding tank and then pumped into filter press located at 1st floor. Sludge cake with solid content > 30% formed in the filter press will be transferred through conveyor to the sludge skip at ground floor. facilities including tanks, chemical storage & preparation, thickening and compressing are accommodated in these 4 storeys buildings. Facilities accommodate in each storey with the justification of each storey height is shown in **Table 4-1**. Similar installations (sludge thickener, sludge holding tank, filter press system), equipment dimensions (with about 13m in height for filter press system and 6m to 7m in height for other installations) and operation arrangements are also found in Siu Ho Wan Water Treatment Works.

Table 4-1: Facilities in Proposed STPs

	Facilities	Height	Justification on Height	Function of Storey
Basement	Polymer Room and Sludge Balancing Tank	8m	Due to the available area in the basement (i.e. 13m x 10m), the height of sludge balancing tank is 8m to cater for about 1,005m ³ /day of sludge from the main treatment building.	Chemical preparation and waste flow equalizing from water treatment works
Gloor Floor	Transformer Room, Switch Room, Polymer Room	7m	<p>The height of 7m is provided to allow the sludge collection vehicles for loading and unloading works at Ground floor (i.e. including mobile arm taking up & down of the skip). In general, the height of sludge skip is about 2.5m and the height of collection vehicles is about 3.5m. Example of collection vehicles lifting up the sludge skip is shown below for reference. Additional 3.5m head room is reserved for lifting up the sludge skip. Therefore, the total heigh of 7m is required.</p> 	Chemical storage and Electrical room

	Facilities	Height	Justification on Height	Function of Storey
1st Floor	Filter Press Hall	13m	<p>The height of filter press is about 5m with additional 2.5m head room including moving crane installation to facilitate the future maintenance works. About 5.5m is reserved for sludge conveyor under the filter press to transfer the sludge to skip at Ground floor.</p> <p>The requirement for a 13-metre headroom on the 1/F arises from the combined operational and maintenance needs of filter press and associated equipment. The overhead crane is the primary driver, as it must safely lift and manoeuvre heavy components such as filter press plates and conveyor assemblies. This requires significant hook travel, clearance above the highest lifted load, and structural depth for crane beams, resulting in a vertical demand of 13 meters (i.e. 5m+2.5m+5.5m) on its own.</p> <p>The filter press system further contributes to the height requirement. Large presses need additional space above the machine for plate opening sequences, cake discharge, and maintenance access to the hydraulic system. Below the press, a free fall zone for sludge cake and the installation of multi-level conveyors add further vertical layering.</p> <p>When combined with space for ducting, pipework, and maintenance walkways, these elements collectively justify the need for an overall 13-metre headroom to ensure safe and efficient plant operation.</p>	Compressing sludge into sludge cake to meet solid content >30% for landfill disposal
2nd Floor	Polymer Storage Rooms, Motor Control Center (MCC)	6m	Due to limited area (i.e. 7.6m x 8m) and hydraulic consideration, the height of holding tank is about 6m to cater for the storage of daily flow of thickened sludge (i.e. 308 m ³ /day) from the sludge thickener located at roof.	Polymer storage room, MCC room and storing thickened sludge before compressing

	Facilities	Height	Justification on Height	Function of Storey
	Hall, Thickened Sludge Holding Tank			
Roof	Sludge Thickener	6.5m	By considering sufficient access in the roof area, the width of access between sludge thickeners is 1.5m while the diameter and height of sludge thickener is 6.7m and 6.5m respectively to cater for the daily flow of sludge thickener (i.e. ~1,005 m ³ /day) from the sludge balancing tank at the basement. Supernatant will be transferred back the main treatment building (i.e. only 308m ³ /day of thickened sludge will be passed to thickened sludge holding tank).	The sludge thickener is to concentrate the sludge (i.e. increasing solid content from 0.2% to 5%). The concentrated sludge will then be passed to the thickened sludge holding tank located at 2/F.

- 4.2.5 The Application Site (Sludge Treatment Plants) designated for the proposed STPs has a limited footprint, which restricts horizontal expansion. An access road located immediately adjacent to the STP (Phase 1) imposes a physical constraint that prevents the consolidation of the Phase 1 and Phase 2 STPs into a single building. To optimize land use and accommodate operational requirements, the proposed STPs is divided into two buildings across two phases.
- 4.2.6 The proposed East Wing and West Wing will fully utilize the 4-storey restriction zone, thereby eliminating the option of accommodating the proposed STPs within the new East Wing and new West Wing.
- 4.2.7 Due to the sloping topography of the Application Site, the inclusion of the northern portion of the Sludge Treatment Plant (Phase 2) within the site boundary is to provide flexibility for the future construction of Phase 2 Works, which preserves the potential of adjustment of the footprint of the Sludge Treatment Plant (Phase 2) subject to future site conditions and construction sequence proposed by the contractor. In addition, the site boundary includes the existing fencing and filter beds for comprehensiveness to replace the existing filter beds.

4.3 No Insurmountable Technical Issues

4.3.1 Traffic Impact Review

- 4.3.1.1 Traffic impact assessment has been carried out to review potential traffic impacts which might arise from the latest development parameters of the Proposed Development.
- 4.3.1.2 As the existing use of the Application Site aligns with the proposed use, it is anticipated the Proposed Development would not induce insurmountable traffic impact onto adjacent road network. The Proposed Development is acceptable from traffic point of view.
- 4.3.1.3 The Application Site (Sludge Treatment Plants) is part of the development site area while it is expected that only a few vehicles (about 2 vehicles/day) will be induced due to the operation of STPs. Therefore, there would be no specific traffic impact.

4.3.2 Preliminary Environmental Review

- 4.3.2.1 The Project is not a designated project under the Environmental Impact Assessment Ordinance (Cap 499).
- 4.3.2.2 There is insignificant odour impact arising from the Application Site. The sludge from drinking water treatment has low organic content, providing minimal substrates for microbial decomposition, which is a primary source of odors. Additionally, lime dosing is implemented in the sludge treatment plant to raise the pH of the sludge, creating an alkaline environment that inhibits odor-producing anaerobic bacteria. The lime-treated sludge is chemically stable, minimizing decomposition and odor generation during storage.
- 4.3.2.3 A Preliminary Environmental Review (PER) has been conducted and concluded that the proposed works will not cause any long-term adverse environmental impacts.

- The PER has recommended suitable measures to mitigate short-term environmental impacts during construction.
- 4.3.2.4 Most of the noisy equipment in the proposed Water Treatment Works are fully enclosed underground or enclosed by concrete structure. No unacceptable operational noise impact is anticipated.
- 4.3.2.5 The operation of plants and the handling of chemicals at the reprovisioned TWWTW (including proposed Sludge Treatment Plants) will be conducted in a controlled environment designed to prevent emissions or leaks. This includes the use of enclosed treatment units to contain chemical processes, filtered ventilation systems to remove potential airborne pollutants, and monitoring systems to detect and address any irregularities. Additionally, no chlorine gas or ozone will be stored on site. Consequently, no adverse air quality impact is anticipated during the operation of the Project.
- 4.3.2.6 The use of powered mechanical equipment during the construction phase of the Project is expected to create noise impact to the nearby NSRs. Assessment indicates that the construction noise level at the representative NSRs can be complied with the required noise criteria in the Environmental Impact Assessment Ordinance - Technical Memorandum by use of quiet construction equipment, erecting noise barriers / enclosures and implementing good site practices.
- 4.3.2.7 Potential water quality impact associated with land-based construction works for the Project would be generated from site run-off, wastewater from construction activities, and sewage from workforce. With the implementation of the recommended mitigation measures, no adverse water quality impacts would be expected during the construction phase of the Project. Regular site inspection would be conducted to ensure the recommended mitigation measures are properly implemented.
- 4.3.2.8 During the operation phase of the Project, major sources of water quality impact would be washwater effluent, overflow, emergency discharge, and chemical spillage from treatment works components. Proper mitigation measures will implemented to fulfill the requirements as specified in discharge license avoiding discharge of washwater effluent, overflow, emergency discharge, and chemical spillage into the nearby water environment and hence no adverse water quality would be expected.
- 4.3.2.9 Waste types generated by the construction activities are considered to include inert and non-inert C&D materials, general refuse and chemical waste. Provided that these identified wastes would be handled, transported and disposed of using the recommended methods and that good site practices would be strictly followed, adverse environmental impacts are not expected.
- 4.3.2.10 A review of the past and present land use of the Project Site was conducted. Based on the desktop appraisal and site walkover, potential land contamination issues are not anticipated from the construction works within TWWTW.
- 4.3.3 Landscape and Visual Appraisal
- 4.3.3.1 As mentioned in **Section 4.3.2**, the Proposed Development will be confined to developed and localized areas, with minimal disruption to the surrounding environment and nearby residents. The rendering is presented in **Figure 22**.
-

4.3.3.2 Upon completion, the works area will be properly cleaned and reinstated. With the implementation of good site practices, no adverse landscape or visual impacts are anticipated during the operation phase.

Visual Appraisal

4.3.3.3 An visual appraisal according to TPB PG-No. 41A has been carried out to evaluate the visual impacts of increasing the building height restriction (BHR) to 4 storeys as compared with existing condition for the two blocks of proposed sludge treatment plants. There are no significant visual impacts to the nearby environments.

Identified Viewpoints (VPs)

4.3.3.4 The following 4 VPs, as listed in **Table 4-2** and shown in **Figure 35 to 39**, are selected to assess the potential visual impacts. Selected VPs cover public views from easily accessible and popular area from north, northeast and southeast of the Application Site (Sludge Treatment Plants)

- i. VP1 – Shing Mun Valley Sports Grounds: VP1 is a public space containing a standard soccer pitch, 10 runways with 400m, audience stands. It is located at the north of the Application Site (Sludge Treatment Plants) where the topography is 43.2mPD and approximately 250m away. The viewers will mainly be the users of the Sports Grounds for active recreational activities, who will be potentially affected by the proposed STPs visually.
- ii. VP2 – Junction at Sheung Kwai Chung Children Playground: VP2 is at Sheung Kwai Chung Road, which is located at the northeast of the Application Site (Sludge Treatment Plants) with a topography of 56.6mPD and a distance of approx. 560m. The viewers will mainly be pedestrians passing through the junction and users of the playground. This VP is in close proximity to Sheung Kwai Chung.
- iii. VP3 – Kwok Shui Road Park near Tai Wo Hau Station: VP3 is located at the southwestern of Application Site (Sludge Treatment Plants) where the topography is 9.3mPD and approximately 420m away. This VP is selected to represent the view of users of Kwok Shui Road Park and pedestrians of Kwok Shui Road.
- iv. VP4 – Near the Entrance Gate at Shing Mun Valley Swimming Pool: VP4 is located at the entrance gate of Shing Mun Valley Swimming Pool where the topography is 20 mPD and approximately 470m away. The viewers of this VP will be mainly users of Shing Mun Valley Swimming Pool and pedestrians of Shing Mun Road.

4.3.3.5 Although there is “SLIGHT” impact in VP1 and VP4 as shown in **Table 4-4**, all edges of the façade feature rounded corners, creating a smooth flow and enhancing the overall sense of movement (see Photomontages in **Figure 35 to 39**).

4.3.3.6 The Magnitude of Change and Sensitivity of VPs/Viewers is presented in **Table 4-2**, while the sensitivity of VPs is summarized in **Table 4-3**.

Table 4-2: Magnitude of Visual Change

VP Location	Source of Visual Impact	Visual Composition, Visual Obstruction and Visual Change	Magnitude of Change
1. Shing Mun Valley Sports Grounds	Aboveground Structures of Proposed STPs	<p>Before the Proposed Development, the value of this view is primarily attached to the open sky view.</p> <p>The Proposed Development would maintain the foreground and midground. It will only alter the character of the background of this view which results in slight blockage to the mountain ridgeline and the sky view.</p> <p>Degree of visibility: Partial</p> <p>No designated landmark or heritage feature is visually lost</p> <p>Viewing distance: Far</p>	Slight
2. Junction at Sheung Kwai Chung Children Playground	Aboveground Structures of Proposed STPs	<p>Before the Proposed Development, the value of this view is primarily attached to the open sky view and vegetated hills.</p> <p>The Proposed Development will not obstruct the sky view and the vegetated hills.</p> <p>No designated landmark or heritage feature is visually lost.</p> <p>Viewing distance: Far</p>	Negligible

VP Location	Source of Visual Impact	Visual Composition, Visual Obstruction and Visual Change	Magnitude of Change
3. Kwok Shui Road Park	Aboveground Structures of Proposed STPs	<p>Before the Proposed Development, the value of this view is primarily attached to the open sky view.</p> <p>The Proposed Development will not obstruct the sky view.</p> <p>No designated landmark or heritage feature is visually lost.</p> <p>Viewing distance: Far</p>	Negligible
4. Near the Entrance Gate at Shing Mun Valley Swimming Pool	Aboveground Structures of Proposed STPs	<p>Before the Proposed Development, the value of this view is primarily attached to the sky view and vegetated hill sides.</p> <p>The Proposed Development would maintain the foreground and midground. It will only alter the character of the background of this view which results in slight blockage to the mountain ridgeline and the sky view.</p> <p>Degree of visibility: Partial</p> <p>No designated landmark or heritage feature is visually lost</p> <p>Viewing distance: Far</p>	Slight

Table 4-3: VPs for Visual Assessment

VP Location	Distance/ Direction (Approx.)	Height in mPD (Approx.)	Viewers	Nature of VP	Popularity by Public	Visual Sensitivity ^[1]
Shing Mun Valley Sports Grounds	250m/ North	+43.2	Athletes/ People doing exercises/Audi ence	Active Recreation	Frequent	Low
Junction at Sheung Kwai Chung Children Playground	560m/ Northeastern	+56.6	Pedestrians, Playground Users	Transient, Passive Recreation	Occasional	Low
Kwok Shui Road Park	420m/ Southwester n	+9.3	Pedestrians	Transient	Frequent	Low
Near the Entrance Gate at Shing Mun Valley Swimming Pool	470m/ Southwester n	+20	Pedestrians	Transient	Frequent	Low

Note [1]: Visual sensitivity is determined by the activity/type of the viewers and the public perception of value attached to the views being assessed. 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.

4.3.3.7 The visual assessment results of each VP are summarized in **Table 4-4**. Therefore, the visual impact arising from the Site (Phase 1 & 2) to the surrounding is considered insignificant.

Table 4-4: Summary of Significance of Visual Impact

VP ID	Magnitude of Change	Sensitivity of VPs/Viewer	Impact Significance
1	Slight	Low	Slight
2	Negligible	Low	Negligible
3	Negligible	Low	Negligible
4	Slight	Low	Slight

4.3.4 Other Design Measures to Minimise Visual Impacts

4.3.4.1 The façade design enables the water treatment facilities to integrate harmoniously with the surrounding environment through its restrained material palette, softened geometry, and modulation of scale. The light grey painted aluminum fins and concrete external walls adopt neutral tones that complement the natural greenery and sky backdrop, allowing the buildings to recede visually rather than dominate the landscape. The vertical fins, arranged in varying rhythms, subtly echo the verticality of nearby trees, creating a visual dialogue with the surrounding vegetation. There are no adverse visual impacts.

4.3.4.2 The incorporation of rounded corners and curved façade elements reduces the perceived bulk of the building mass, softening its institutional character and enhancing visual permeability. These flowing forms respond sensitively to the natural contours of the site, creating a smoother transition between the built structure and the landscape. Furthermore, the integration of planter bands at terrace levels introduces greenery onto the façade, reinforcing the connection with the adjacent natural environment and contributing to a layered, landscape-responsive architectural expression.

4.3.4.3 Overall, the combination of muted colours, textured vertical articulation, softened edges, and integrated planting ensures that the façade achieves visual compatibility with its context while maintaining a contemporary and refined architectural identity.

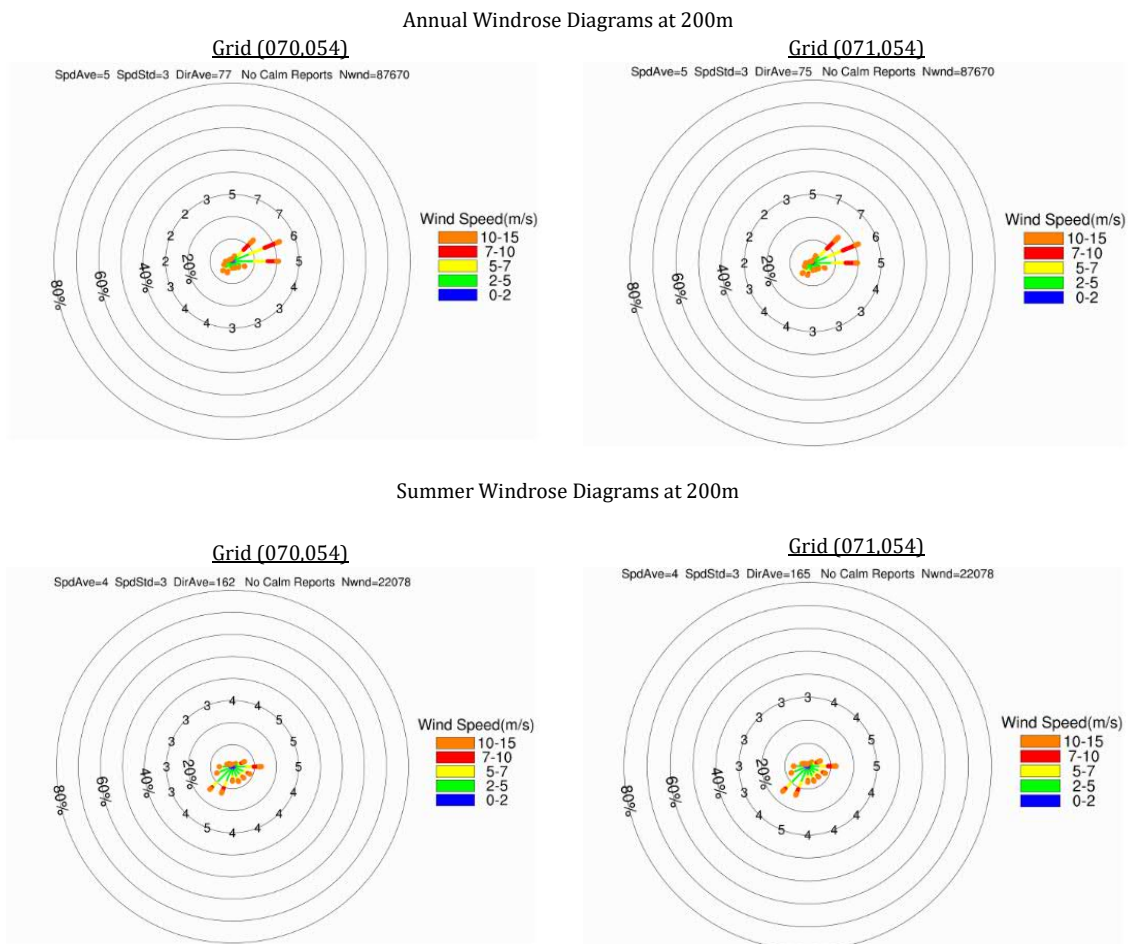
4.3.5 Air Ventilation Appraisal

4.3.5.1 According to an Expert Evaluation on Advisory Report for an Instructed Project for Tsuen Wan by PlanD in 2012, the Application Site lies within annual and summer air paths for the Sheung Kwai Chung and Shing Mun Valley areas. It acts as the gateway to the breeze for downhill wind and easterlies. The evaluation recommended maintaining the existing green belt to preserve and improve air ventilation for the wider Tsuen Wan area.

4.3.5.2 Site wind availability is analyzed using Regional Atmospheric Modelling System (RAMS) data and experimental wind studies adopted in AVR/G/65. The latest two RAMS data of the grid (071,054) & (070,054) are extracted from the Site Wind Availability Data of Planning Department’s website are used for the assessment.

4.3.5.3 **Table 4-5** shows the relevant windrose diagrams representing the frequency and wind speed distribution at 200m height of the district concerned during the annual condition and summer condition (i.e. June – August) respectively. The wind frequency data under the annual and summer conditions at 200m are shown in **Table 4-6**.

Table 4-5: Annual and Summer Windrose Diagrams at Grids (070,054) & (071,054) at 200 m



4.3.5.4 According to the two set of RAMS wind data, the annual prevailing winds are coming from NE, ENE and E, whereas the summer prevailing winds are coming from E, SSW and SW directions.

Table 4-6: Summary of RAMS Data at 200m under Annual and Summer Conditions

Wind Direction	Wind Rose (071,054)		Wind Rose (070,054)	
	Probability for Annual Condition	Probability for Summer Condition	Probability for Annual Condition	Probability for Summer Condition
N	1.0%	0.7%	1.3%	0.7%
NNE	3.6%	1.1%	2.7%	0.9%
NE	16.0%*	2.5%	13.5%*	2.1%
ENE	21.7%*	6.0%	23.1%*	6.1%
E	19.6%*	12.4%*	20.8%*	13.2%*
ESE	5.9%	8.2%	6.1%	8.6%
SE	3.6%	6.7%	3.9%	7.2%
SSE	3.2%	7.1%	3.3%	7.3%
S	3.2%	6.9%	3.1%	6.6%
SSW	5.8%	13.6%*	5.6%	13.0%*
SW	6.4%	15.5%*	6.0%	14.6%*
WSW	3.9%	7.9%	4.0%	7.8%
W	3.1%	6.2%	3.0%	6.1%
WNW	1.4%	2.7%	1.4%	2.8%
NW	0.9%	1.6%	1.1%	2.0%
NNW	0.7%	0.9%	0.9%	1.1%

Note:

- (a) * Denotes: Selected prevailing wind directions for evaluation.
- (b) RAMS = Regional Atmospheric Modelling System

- 4.3.5.5 According to the Expert Evaluation and Advisory Report for an Instructed Project for Tsuen Wan Area, the site is also subject to annual prevailing wind from the north. Hence, the annual prevailing winds are mainly from North (N), Northeast (NE), East (E), East-Northeast (ENE), while the summer prevailing winds are mainly from East (E), South-Southwest (SSW), Southwest (SW).
- 4.3.5.6 The Application Site sits on a 105mPD hill. To the immediate surrounding of the Application Site are structures of the reprovisioned TWWTW as permitted on the OZP; surrounding high-rise and low-rise developments are at least 100–200 meters away, with open areas and hills influencing wind flow. No significant topographical barriers exist for summer wind directions.
- 4.3.5.7 While the development of the proposed STPs of four-storey high may limit the wind availability at the surrounding area as compared with the existing condition with minor structures of one storey in height, it is likely to cause insignificant and localized obstruction of prevailing winds.
- 4.3.5.8 In addition, the nearest surrounding sensitive area is located at more than 100 m away from the Application Site (Sludge Treatment Plants). It is anticipated that there will be insignificant impact to the wind environment in the surrounding area associated with the Proposed Development.

4.3.5.9 Considering the scale of the Proposed Development and the distance to sensitive receivers, no significant impact on air ventilation will be anticipated from the proposed increase in building height.

4.3.6 Drainage and Sewerage

4.3.6.1 A drainage system in line with the Proposed Development within the development site area would be designed during the detailed design stage and the proposed drain would be connected to the nearby drainage system.

4.3.6.2 After the review of Drainage Impact Assessment and Sewerage Impact Assessment, no significant impact on both drainage and sewerage will be anticipated.

4.3.7 Geotechnical Impact Assessment

4.3.7.1 Feature No. 7SW-C/F90 is located West to the Sludge Treatment Facilities (Phase 1). It is a 40m long, maximum 5m high with an average angle of 32 degrees. The location of this feature exposes it to risks from water-carrying services, fill replacement by no-fines concrete is proposed for the upgrading of the slope.

4.3.7.2 An unregistered fill slope is located to the North of the Sludge Treatment Facilities (Phase 2). The slope has a maximum height of about 5m and a gradient of about 35 degrees. Failure of the slope may impact on the Sludge Treatment Facilities. To facilitate the proposed new development, the Slope will be upgraded with a retaining along the interface line between the new access road and the slope itself.

4.3.7.3 The assessment of the slopes has been approved by CEDD/GEO through the finalised Geotechnical Assessment Report. The associated slope improvement works, if any, will also be subject to agreement with the Geotechnical Engineering Office (GEO) of the Civil Engineering and Development Department (CEDD) at a later stage.

4.3.8 Minimum Disruption to Existing/Planned Uses

4.3.8.1 The Application Site (Sludge Treatment Plants) falls within Government land and no insurmountable constraint on land ownership is envisaged for the proposed Treatment Plant. The Application Site is distant from village house area. This would avoid any impact to the adjoining existing and potential village houses development.

4.4 Better Utilization of Scarce Land Resources

4.4.1 The Application Site (Sludge Treatment Plants) is located at a government land away from village area that does not reclaim private or occupied land. The proposed planning facilitates better utilization of scarce land resources.

5 CONCLUSION

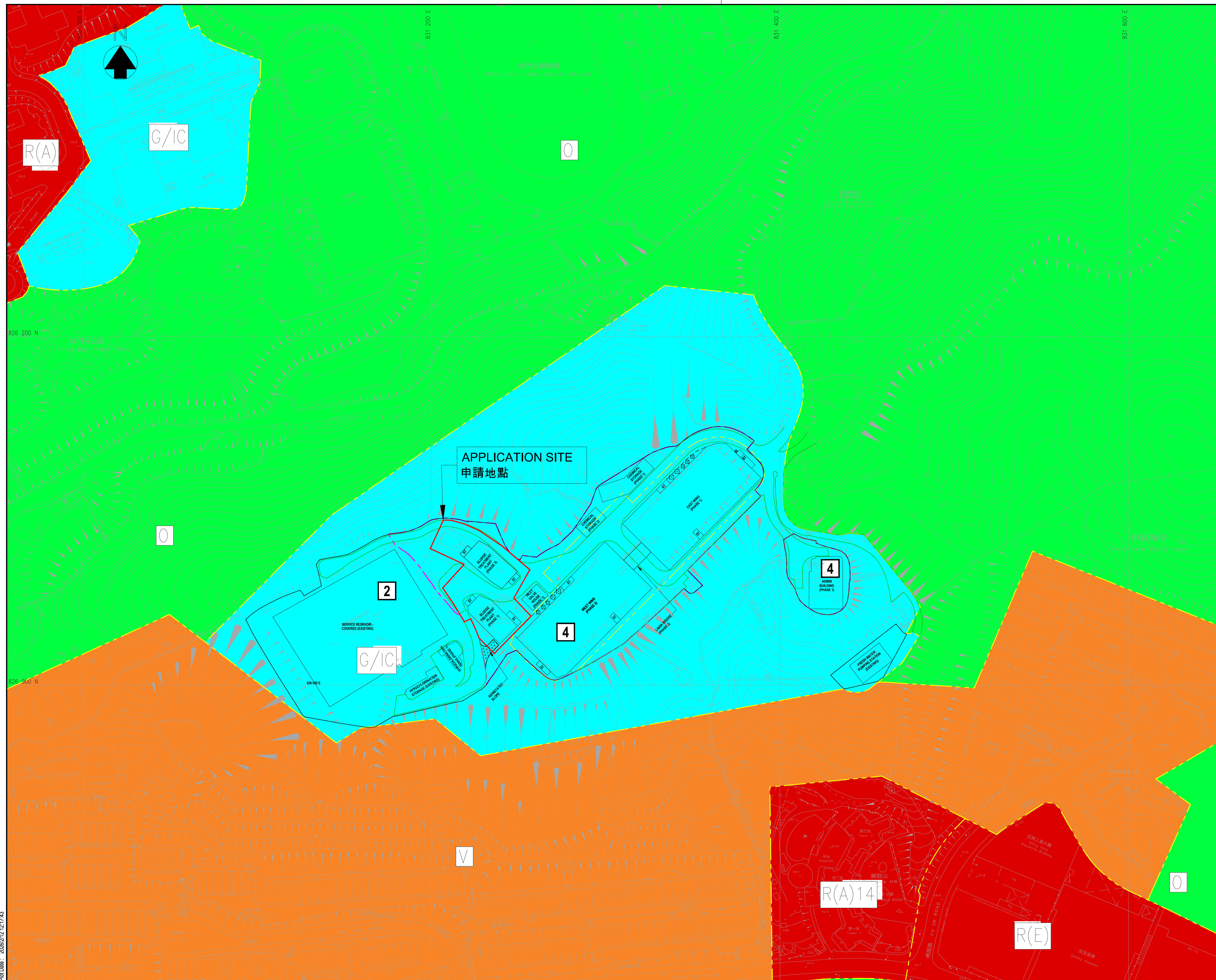
5.1 Conclusion and Recommendations

- 5.1.1 The proposed increase of building height involves increasing the maximum building height of the proposed STPs (Phase 1 and Phase 2) from current limit of two storeys to four storeys.
- 5.1.2 It has been demonstrated in this Planning Statement that the proposed increase in building height restrictions will facilitate reducing sewage discharge from the reprovisioned TWWTW.
- 5.1.3 As demonstrated in the justifications, it is anticipated that the Proposed Development of the Application Site will not induce adverse landscape, visual, traffic, air ventilation, environmental, sewerage and other engineering impacts to the area.
- 5.1.4 In light of the planning merits and justifications put forward in this Planning Statement, we sincerely seek for the favourable consideration from the TPB to give its support to this S16 Application.

END OF TEXT

LEGENDS

- VILLAGE
- G/IC GOVERNMENT, INSTITUTION OR COMMUNITY
- O OPEN SPACE
- R RESIDENTIAL
- REINSTATED SLOPE
- OXYGEN TANK (OUTDOOR AREA)
- CURRENT OZP BOUNDARY
- APPLICATION SITE BOUNDARY
- OVERALL DEVELOPMENT SITE BOUNDARY FOR REPROVISION OF TSUEN WAN WATER TREATMENT WORKS
- PROPOSED GLA BOUNDARY
- PAVED CONCRETE ROAD



Revision	Date	Description			Initial
		Designed	Checked	Drawn	
Initial					
Date					

Approved

Agreement No. CE 82/2022 (WS)

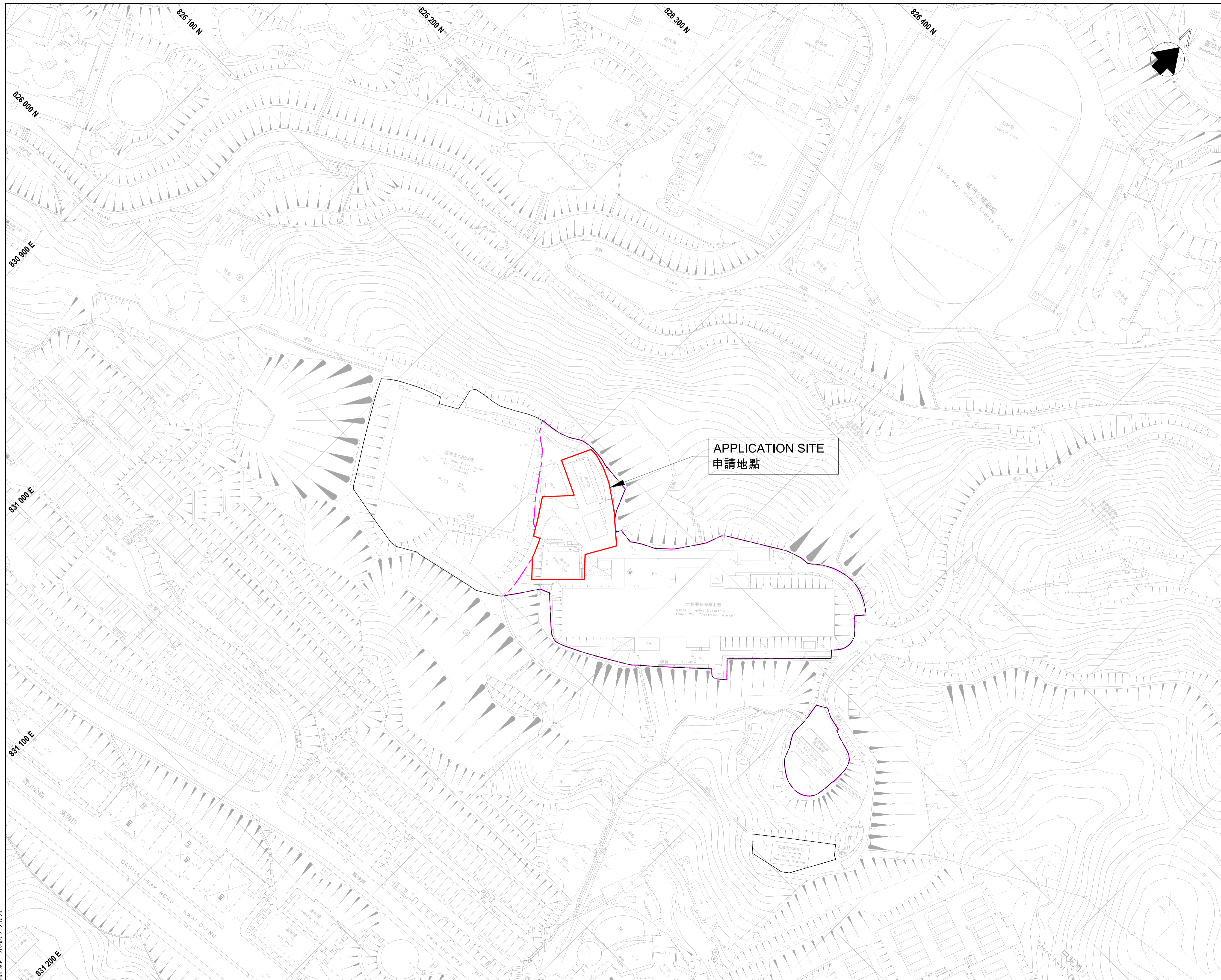
Contract Title
IN - SITU REPROVISIONING OF TSUEN WAN WATER TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
MASTER LAYOUT PLAN WITH OUTLINE ZONING PLAN

Drawing No. **FIGURE 1** Revision -

Scale
A1 1 : 500
A3 1 : 1000





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LEGENDS:

- APPLICATION SITE BOUNDARY
- OVERALL DEVELOPMENT SITE BOUNDARY FOR REPOSITIONING OF TSUEN WAN WATER TREATMENT WORKS
- PROPOSED GLA BOUNDARY

Revision	Date	Description			Initial
		Designed	Checked	Drawn	

Approved

Agreement No. CE 82/2022 (WS)

Contract Title
IN - SITU REPOSITIONING OF TSUEN WAN WATER TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION

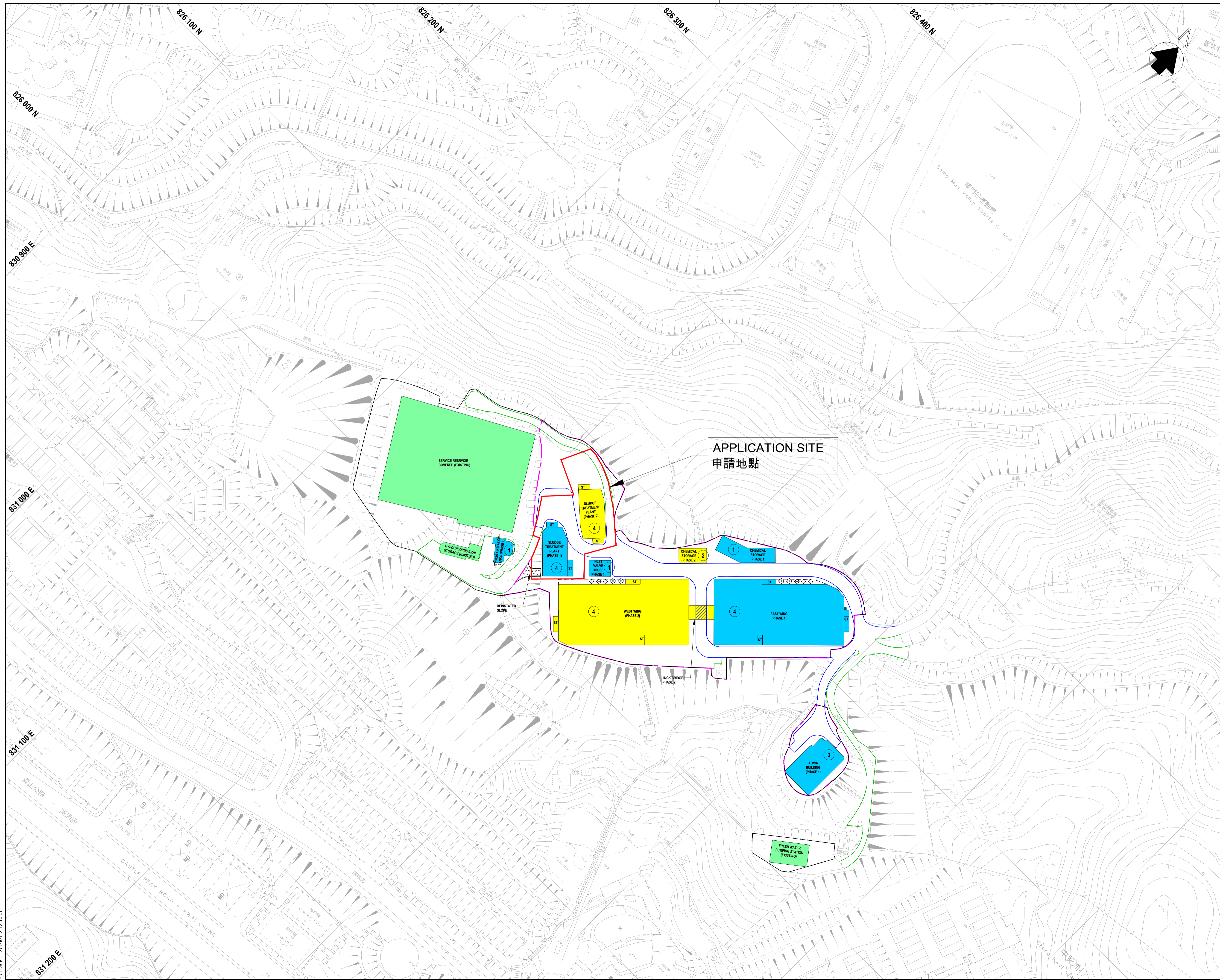
Drawing Title
LOCATION PLAN

Drawing No. **FIGURE 2** Revision -

Scale
A1 1 : 1000
A3 1 : 2000



Plot Date : 2026/01/12 16:28



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- LEGENDS**
- EXISTING FACILITIES
 - NEW FACILITIES (PHASE 1)
 - NEW FACILITIES (PHASE 2)
 - REINSTATED SLOPE
 - DRIVEWAY UNDER BUILDING
 - PAVED CONCRETE BOUNDARY
 - PERMANENT DRIVEWAY
 - OXYGEN TANK (OUTDOOR AREA)
 - APPLICATION SITE BOUNDARY
 - OVERALL DEVELOPMENT SITE BOUNDARY FOR REPROVISION OF TSUEN WAN WATER TREATMENT WORKS
 - PROPOSED GLA BOUNDARY
 - BUILDING HEIGHT (NO. OF STORES)

Revision	Date	Description			Initial
		Designed	Checked	Drawn	
Initial					
Date					

Approved

Agreement No. CE 82/2022 (WS)

Contract Title
IN - SITU REPROVISIONING OF TSUEN WAN WATER TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
MASTER LAYOUT PLAN

Drawing No. **FIGURE 3** Revision -

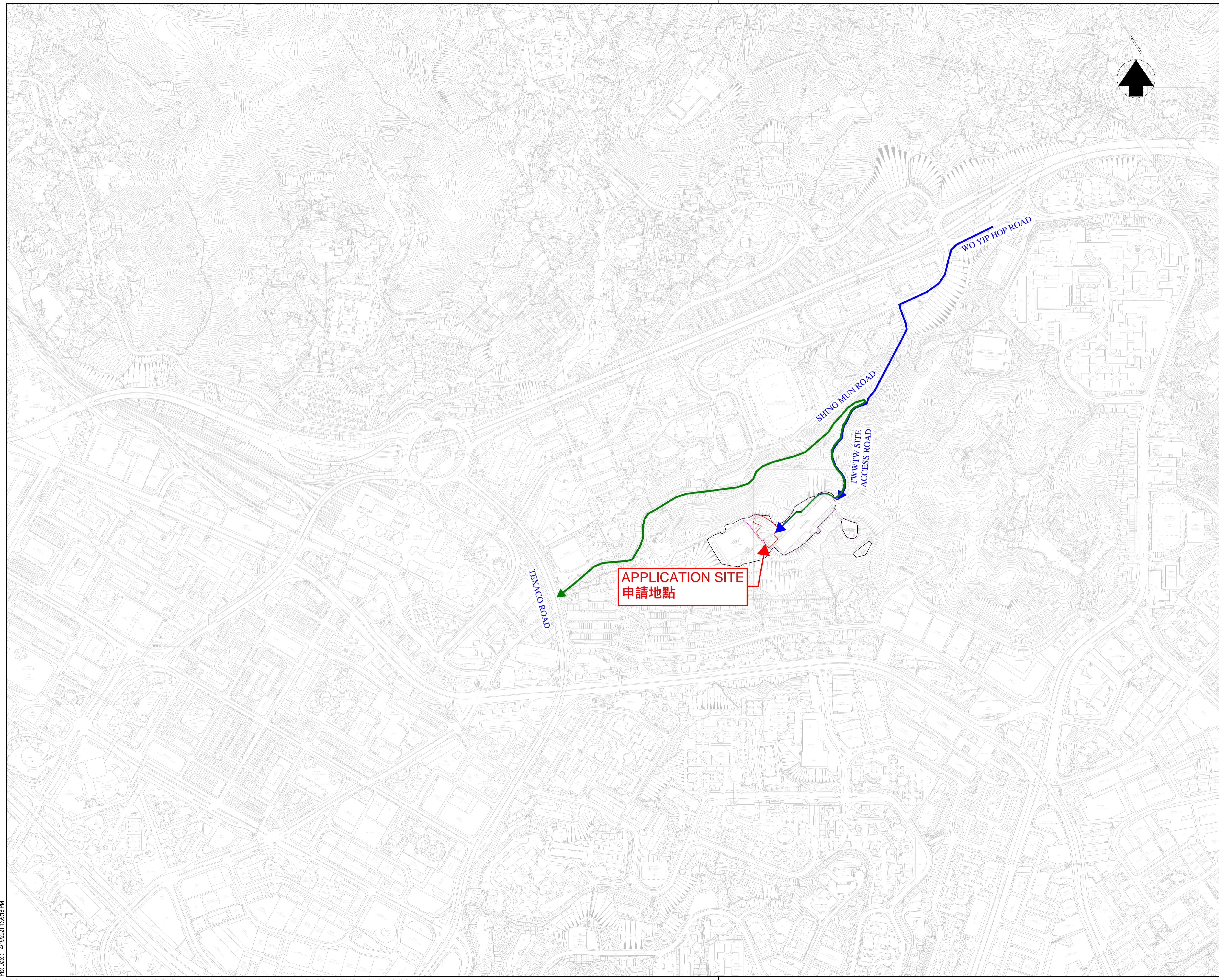
Scale
A1 1 : 1000
A3 1 : 2000



Plot Date : 2026/01/12 16:57



- LEGEND:**
- APPLICATION SITE BOUNDARY
 - OVERALL DEVELOPMENT SITE BOUNDARY FOR REPROVISION OF TSUEN WAN WATER TREATMENT WORKS
 - PROPOSED GLA BOUNDARY
 - ACCESS FROM MAIN ROAD TO THE APPLICATION SITE
 - ACCESS FROM THE APPLICATION SITE TO MAIN ROAD



Revision	Date	Description			Initial
		Designed	Checked	Drawn	
Initial	LYS	SFL	SZ	SFL	
Date	02/24	02/24	02/24	02/24	

Approved

Contract No. CE 82/2022 (WS)

Contract Title
IN - SITU REPROVISIONING OF TSUEN WAN WATER TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title

SITE ACCESS PLAN

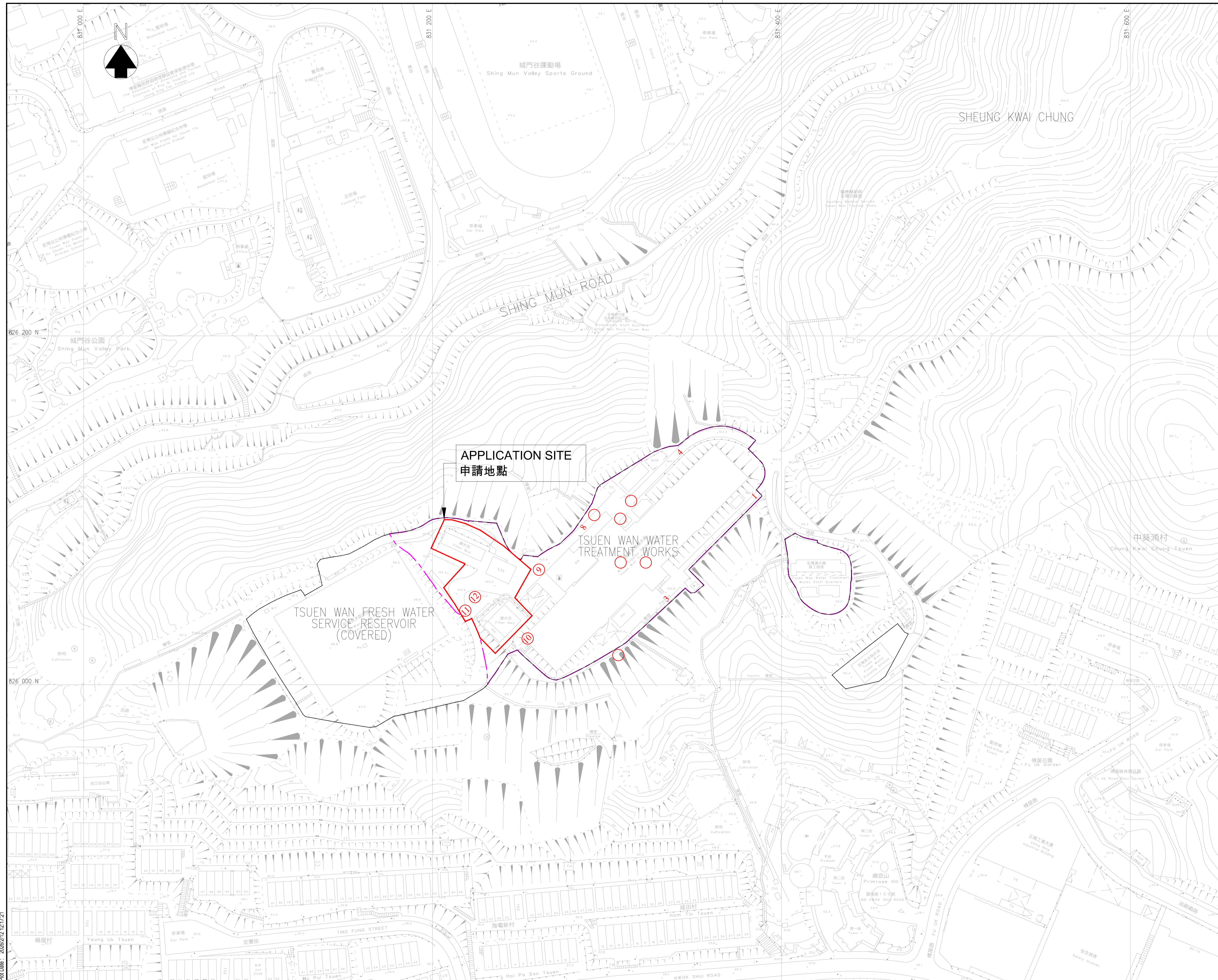
Drawing No. **FIGURE 4** Revision -

Scale A1 1:4000
A3 1:8000



LEGEND:

- APPLICATION SITE BOUNDARY
- DEVELOPMENT SITE AREA BOUNDARY
- PROPOSED GLA BOUNDARY
- → FIGURE NUMBER AND VIEW DIRECTION



Revision	Date	Description			Initial
		Designed	Checked	Drawn	
Initial	—	—	—	SZ	LB
Date	08/25	08/25	08/25	08/25	08/25

Approved

Agreement No. CE 82/2022 (WS)

Contract Title
IN - SITU REPROVISIONING OF TSUEN WAN WATER TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
EXISTING SITE PHOTO RECORD PLAN

Drawing No. **FIGURE 5** Revision —

Scale A1 1 : 1000 A3 1 : 2000





Existing Condition



Proposed Development


Two Facade design measures (for illustration purpose only) are shown below

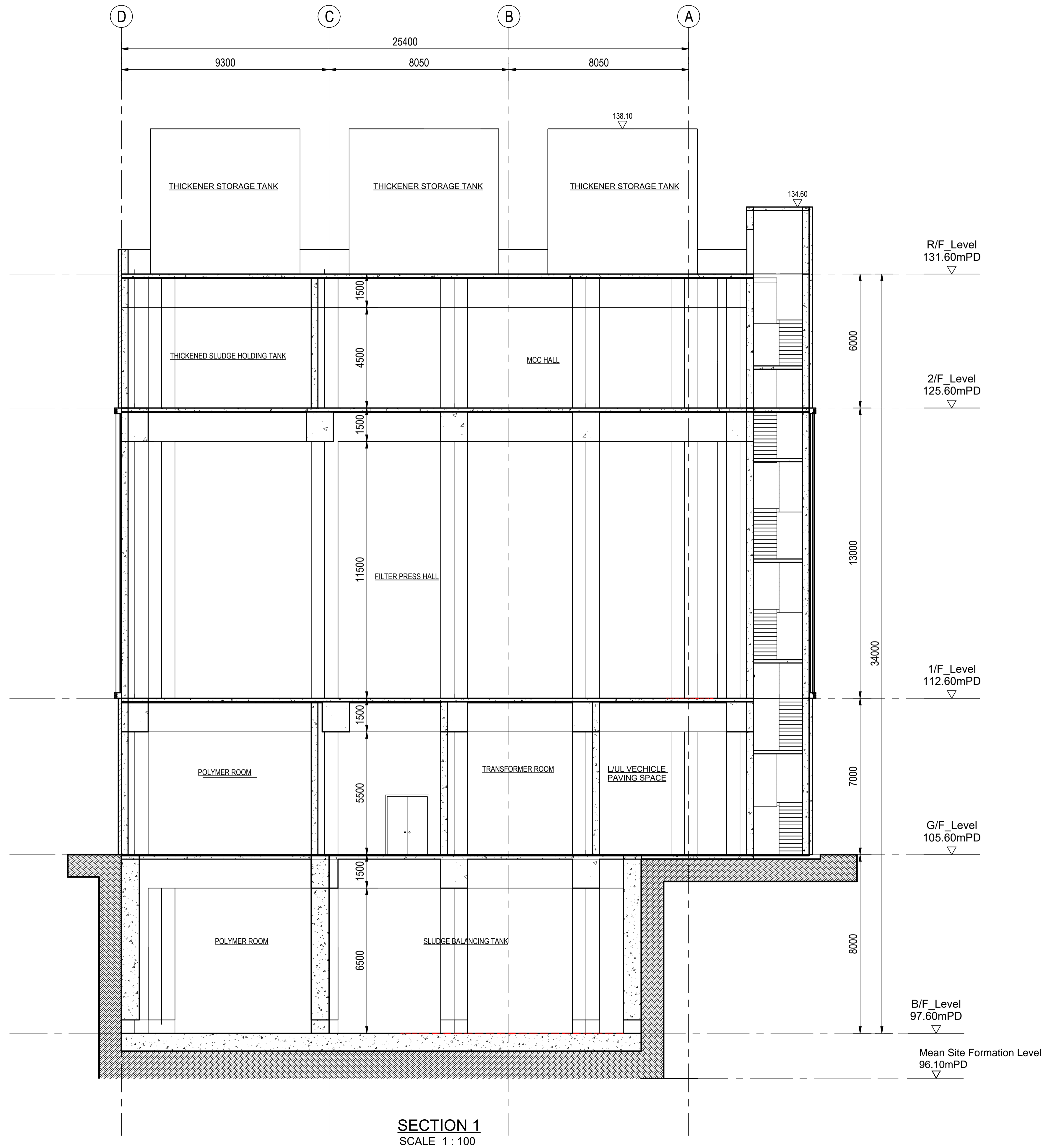


(1) Vertical Architectural Fins



(2) Soften Treatment Edge

Figure No.	Scale	Figure Title
22	-	RENDERING
	Date May 2026	Source Photomontage for illustrative purpose



Revision	Date	Description			Initial
		Designed	Checked	Drawn	
Initial		Designer	Checker	Author	

Approved

Agreement No. CE 82 / 2022 (WS)

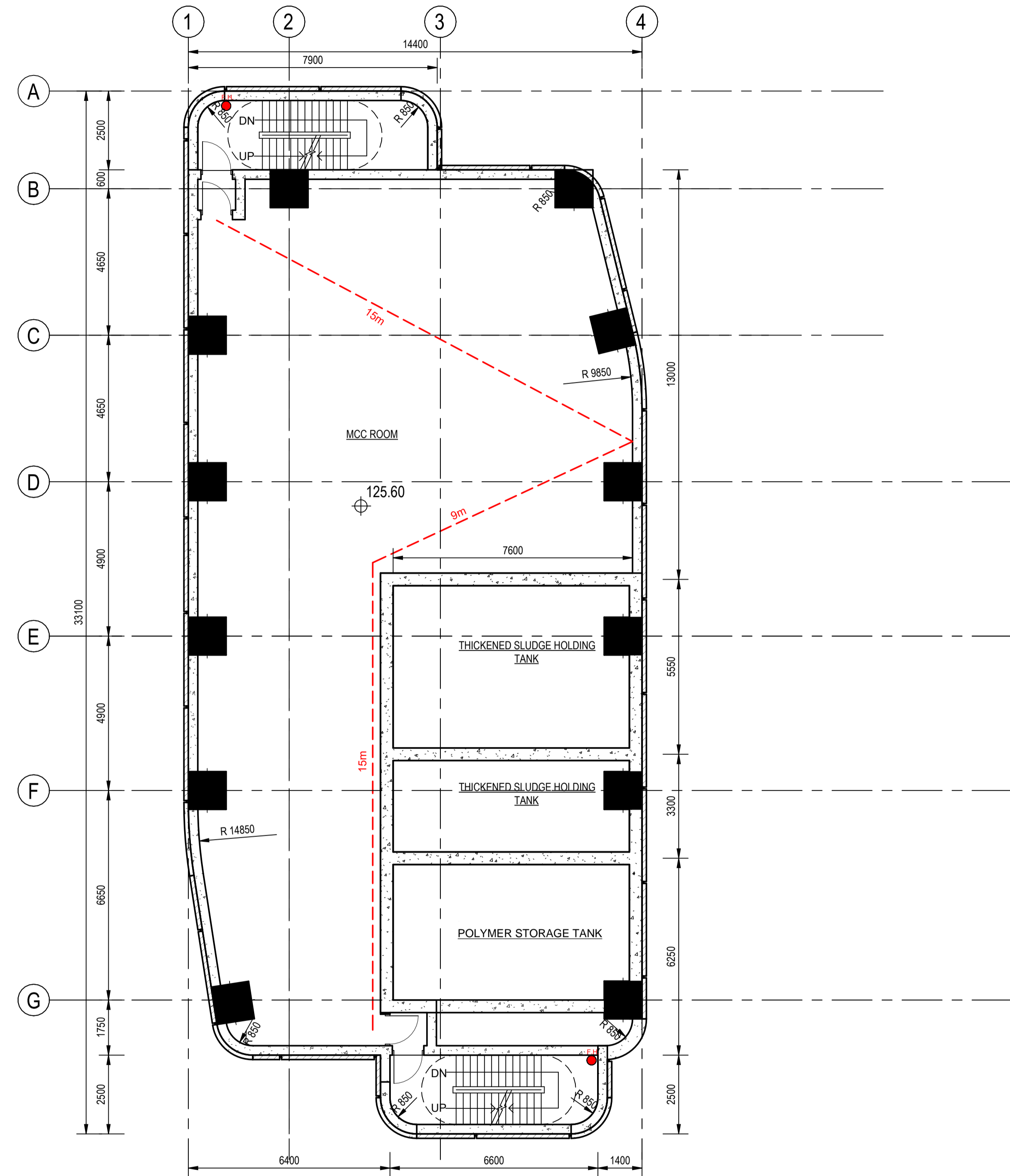
Contract Title
 IN - SITU REPROVISIONING OF TSUEN WAN WATER TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION -

Drawing Title
 GENERAL ARRANGEMENT - SLUDGE TREATMENT PLANT (PHASE 1) - SECTION 1

Drawing No. FIGURE 28

Scale A1 1 : 100





SECOND FLOOR
SCALE 1 : 100

Revision	Date	Description			Initial
		Designed	Checked	Drawn	
Initial	Designer	Checker	Author		

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CE 82 / 2022 (WS)

Contract Title
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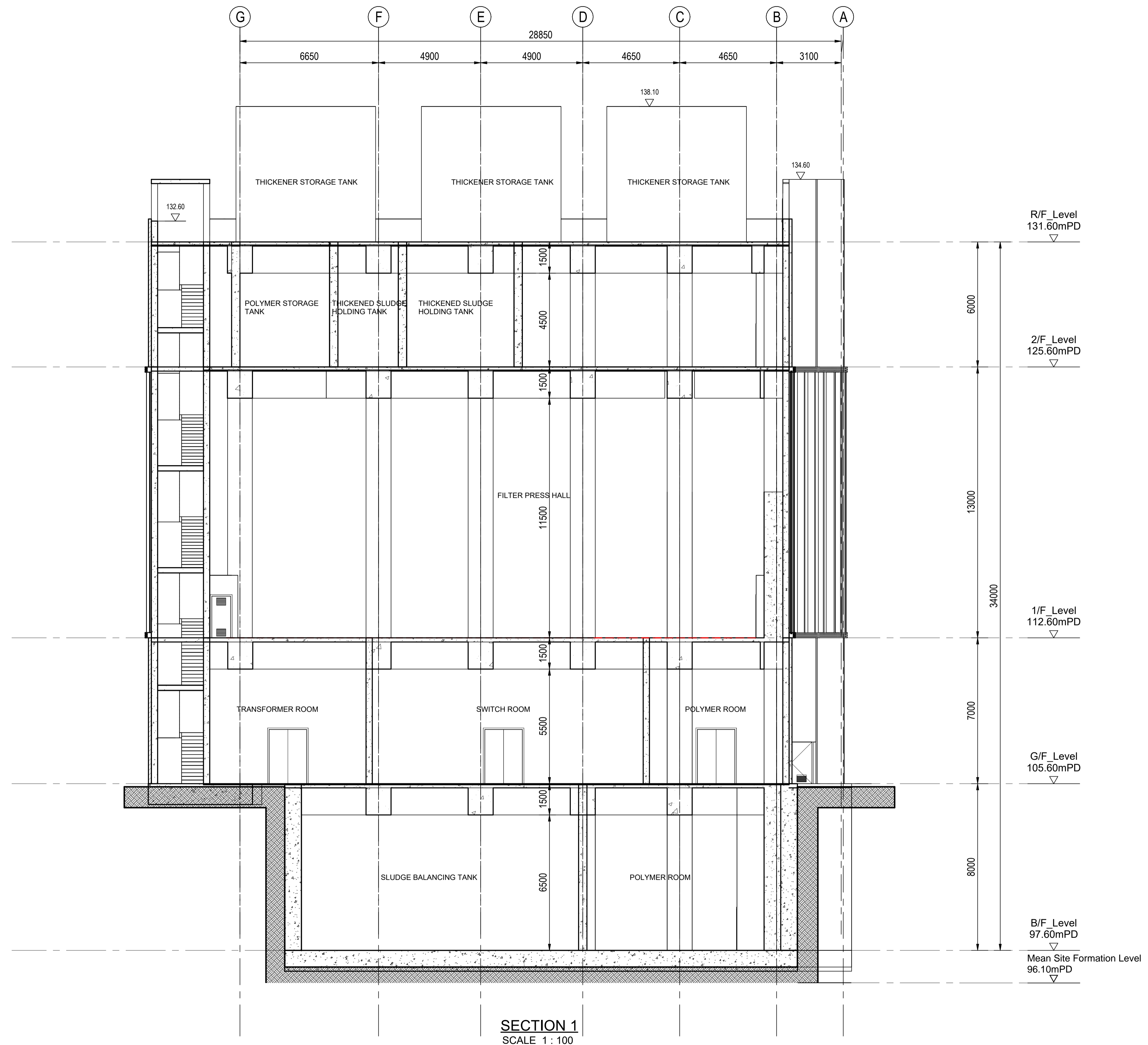
Drawing Title
GENERAL ARRANGEMENT - SLUDGE TREATMENT PLANT (PHASE 2) - SECOND FLOOR

Drawing No. **FIGURE 32** Revision

Scale
A1 1 : 100

Client
 水務署
Water Supplies Department

Consultant
 **binnies**
BINNIES HONG KONG LIMITED
賓尼斯工程顧問有限公司



Revision	Date	Description			Initial
		Designed	Checked	Drawn	
Initial	Designer	Checker	Author		

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Agreement No. CE 82 / 2022 (WS)

Contract Title
 IN - SITU REPROVISIONING OF TSUEN WAN WATER TREATMENT WORKS - INVESTIGATION, DESIGN AND CONSTRUCTION -

Drawing Title
 GENERAL ARRANGEMENT - SLUDGE TREATMENT PLANT (PHASE 2) - SECTION 1

Drawing No. **FIGURE 34** Revision

Scale A1 1: 100



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	Date Received 收到日期	

- The completed form and supporting documents (if any) should be sent to the Secretary, Town Planning Board (the Board), 15/F, North Point Government Offices, 333 Java Road, North Point, Hong Kong.
申請人須把填妥的申請表格及其他支持申請的文件(倘有),送交香港北角渣華道333號北角政府合署15樓城市規劃委員會(下稱「委員會」)秘書收。
- Please read the "Guidance Notes" carefully before you fill in this form. The document can be downloaded from the Board's website at <http://www.tpb.gov.hk/>. It can also be obtained from the Secretariat of the Board at 15/F, North Point Government Offices, 333 Java Road, North Point, Hong Kong (Tel: 2231 4810 or 2231 4835), and the Planning Enquiry Counters of the Planning Department (Hotline: 2231 5000) (17/F, North Point Government Offices, 333 Java Road, North Point, Hong Kong and 14/F, Sha Tin Government Offices, 1 Sheung Wo Che Road, Sha Tin, New Territories).
請先細閱《申請須知》的資料單張,然後填寫此表格。該份文件可從委員會的網頁下載(網址:<http://www.tpb.gov.hk/>),亦可向委員會秘書處(香港北角渣華道333號北角政府合署15樓-電話:2231 4810或2231 4835)及規劃署的規劃資料查詢處(熱線:2231 5000)(香港北角渣華道333號北角政府合署17樓及新界沙田上禾輦路1號沙田政府合署14樓)索取。
- This form can be downloaded from the Board's website, and obtained from the Secretariat of the Board and the Planning Enquiry Counters of the Planning Department. The form should be typed or completed in block letters. The processing of the application may be refused if the required information or the required copies are incomplete.
此表格可從委員會的網頁下載,亦可向委員會秘書處及規劃署的規劃資料查詢處索取。申請人須以打印方式或以正楷填寫表格。如果申請人所提交的資料或文件副本不齊全,委員會可拒絕處理有關申請。

1. Name of Applicant 申請人姓名/名稱	
<input type="checkbox"/> Mr. 先生 / <input type="checkbox"/> Mrs. 夫人 / <input type="checkbox"/> Miss 小姐 / <input type="checkbox"/> Ms. 女士 / <input type="checkbox"/> Company 公司 / <input checked="" type="checkbox"/> Organisation 機構) Water Supplies Department New Works Branch Consultants Management Division	
2. Name of Authorised Agent (if applicable) 獲授權代理人姓名/名稱 (如適用)	
<input type="checkbox"/> Mr. 先生 / <input type="checkbox"/> Mrs. 夫人 / <input type="checkbox"/> Miss 小姐 / <input type="checkbox"/> Ms. 女士 / <input type="checkbox"/> Company 公司 / <input checked="" type="checkbox"/> Organisation 機構) Binnies Hong Kong Limited	
3. Application Site 申請地點	
(a) Full address / location / demarcation district and lot number (if applicable) 詳細地址/地點/丈量約份及地段號碼(如適用)	A government land (proposed GLA-TW-491) for Tsuen Wan Water Treatment Works, Tsuen Wan, N.T.
(b) Site area and/or gross floor area involved 涉及的地盤面積及/或總樓面面積	<input checked="" type="checkbox"/> Site area 地盤面積 2,392 sq.m 平方米 <input checked="" type="checkbox"/> About 約 <input checked="" type="checkbox"/> Gross floor area 總樓面面積 4,136 sq.m 平方米 <input checked="" type="checkbox"/> About 約
(c) Area of Government land included (if any) 所包括的政府土地面積(倘有) 2,392 sq.m 平方米 <input checked="" type="checkbox"/> About 約

9. Impacts of Development Proposal 擬議發展計劃的影響																															
<p>If necessary, please use separate sheets to indicate the proposed measures to minimise possible adverse impacts or give justifications/reasons for not providing such measures. 如需要的話，請另頁註明可盡量減少可能出現不良影響的措施，否則請提供理據/理由。</p>																															
Does the development proposal involve alteration of existing building? 擬議發展計劃是否包括現有建築物的改動?	Yes 是 <input checked="" type="checkbox"/> Please provide details 請提供詳情 The existing underground sludge holding tank and washwater recovery tank will be demolished to facilitate the construction of the proposed Sludge Treatment Plants. No 否 <input type="checkbox"/>																														
Does the development proposal involve the operation on the right? 擬議發展是否涉及右列的工程? (Note: where Type (ii) application is the subject of application, please skip this section. 註：如申請涉及第(ii)類申請，請跳至下一條問題。)	Yes 是 <input checked="" type="checkbox"/> (Please indicate on site plan the boundary of concerned land/pond(s), and particulars of stream diversion, the extent of filling of land/pond(s) and/or excavation of land) (請用地盤平面圖顯示有關土地/池塘界線，以及河道改道、填塘、填土及/或挖土的細節及/或範圍) <input type="checkbox"/> Diversion of stream 河道改道 <input type="checkbox"/> Filling of pond 填塘 Area of filling 填塘面積 sq.m 平方米 <input type="checkbox"/> About 約 Depth of filling 填塘深度 m 米 <input type="checkbox"/> About 約 <input type="checkbox"/> Filling of land 填土 Area of filling 填土面積 sq.m 平方米 <input type="checkbox"/> About 約 Depth of filling 填土厚度 m 米 <input type="checkbox"/> About 約 <input checked="" type="checkbox"/> Excavation of land 挖土 Area of excavation 挖土面積..... 1077 sq.m 平方米 <input checked="" type="checkbox"/> About 約 Depth of excavation 挖土深度 10m 米 <input checked="" type="checkbox"/> About 約 No 否 <input type="checkbox"/>																														
Would the development proposal cause any adverse impacts? 擬議發展計劃會否造成不良影響?	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">On environment 對環境</td> <td style="width: 10%;">Yes 會 <input type="checkbox"/></td> <td style="width: 10%;">No 不會 <input checked="" type="checkbox"/></td> </tr> <tr> <td>On traffic 對交通</td> <td>Yes 會 <input type="checkbox"/></td> <td>No 不會 <input checked="" type="checkbox"/></td> </tr> <tr> <td>On water supply 對供水</td> <td>Yes 會 <input type="checkbox"/></td> <td>No 不會 <input checked="" type="checkbox"/></td> </tr> <tr> <td>On drainage 對排水</td> <td>Yes 會 <input type="checkbox"/></td> <td>No 不會 <input checked="" type="checkbox"/></td> </tr> <tr> <td>On slopes 對斜坡</td> <td>Yes 會 <input type="checkbox"/></td> <td>No 不會 <input checked="" type="checkbox"/></td> </tr> <tr> <td>Affected by slopes 受斜坡影響</td> <td>Yes 會 <input type="checkbox"/></td> <td>No 不會 <input checked="" type="checkbox"/></td> </tr> <tr> <td>Landscape Impact 構成景觀影響</td> <td>Yes 會 <input type="checkbox"/></td> <td>No 不會 <input checked="" type="checkbox"/></td> </tr> <tr> <td>Tree Felling 砍伐樹木</td> <td>Yes 會 <input type="checkbox"/></td> <td>No 不會 <input checked="" type="checkbox"/></td> </tr> <tr> <td>Visual Impact 構成視覺影響</td> <td>Yes 會 <input type="checkbox"/></td> <td>No 不會 <input checked="" type="checkbox"/></td> </tr> <tr> <td>Others (Please Specify) 其他 (請列明)</td> <td>Yes 會 <input type="checkbox"/></td> <td>No 不會 <input checked="" type="checkbox"/></td> </tr> </table> <p>..... </p> <p>Please state measure(s) to minimise the impact(s). For tree felling, please state the number, diameter at breast height and species of the affected trees (if possible) 請註明盡量減少影響的措施。如涉及砍伐樹木，請說明受影響樹木的數目、及胸高度的樹幹直徑及品種(倘可)</p> <p>..... </p>	On environment 對環境	Yes 會 <input type="checkbox"/>	No 不會 <input checked="" type="checkbox"/>	On traffic 對交通	Yes 會 <input type="checkbox"/>	No 不會 <input checked="" type="checkbox"/>	On water supply 對供水	Yes 會 <input type="checkbox"/>	No 不會 <input checked="" type="checkbox"/>	On drainage 對排水	Yes 會 <input type="checkbox"/>	No 不會 <input checked="" type="checkbox"/>	On slopes 對斜坡	Yes 會 <input type="checkbox"/>	No 不會 <input checked="" type="checkbox"/>	Affected by slopes 受斜坡影響	Yes 會 <input type="checkbox"/>	No 不會 <input checked="" type="checkbox"/>	Landscape Impact 構成景觀影響	Yes 會 <input type="checkbox"/>	No 不會 <input checked="" type="checkbox"/>	Tree Felling 砍伐樹木	Yes 會 <input type="checkbox"/>	No 不會 <input checked="" type="checkbox"/>	Visual Impact 構成視覺影響	Yes 會 <input type="checkbox"/>	No 不會 <input checked="" type="checkbox"/>	Others (Please Specify) 其他 (請列明)	Yes 會 <input type="checkbox"/>	No 不會 <input checked="" type="checkbox"/>
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Gist of Application 申請摘要

(Please provide details in both English and Chinese as far as possible. This part will be circulated to relevant consultees, uploaded to the Town Planning Board's Website for browsing and free downloading by the public and available at the Planning Enquiry Counters of the Planning Department for general information.)

(請盡量以英文及中文填寫。此部分將會發送予相關諮詢人士、上載至城市規劃委員會網頁供公眾免費瀏覽及下載及於規劃署規劃資料查詢處供一般參閱。)

Application No. 申請編號	(For Official Use Only) (請勿填寫此欄)		
Location/address 位置/地址	A government land (proposed GLA-TW-491) for Tsuen Wan Water Treatment Works, Tsuen Wan, N.T.		
Site area 地盤面積	2,392	sq. m 平方米	<input checked="" type="checkbox"/> About 約
	(includes Government land of 包括政府土地	2,392	sq. m 平方米 <input checked="" type="checkbox"/> About 約)
Plan 圖則	Draft Tsuen Wan Outline Zoning Plan (OZP) No. S/TW/40		
Zoning 地帶	Government, Institution or Community (G/IC)		
Applied use/ development 申請用途/發展	Proposed Minor Relaxation of Building Height Restrictions for Permitted Government Use (Water Treatment Works)		
(i) Gross floor area and/or plot ratio 總樓面面積及/或 地積比率		sq.m 平方米	Plot Ratio 地積比率
	Domestic 住用	<input type="checkbox"/> About 約 <input type="checkbox"/> Not more than 不多於	<input type="checkbox"/> About 約 <input type="checkbox"/> Not more than 不多於
	Non-domestic 非住用	4,136 <input checked="" type="checkbox"/> About 約 <input type="checkbox"/> Not more than 不多於	1.73 <input checked="" type="checkbox"/> About 約 <input type="checkbox"/> Not more than 不多於
(ii) No. of blocks 幢數	Domestic 住用		
	Non-domestic 非住用	2	
	Composite 綜合用途		