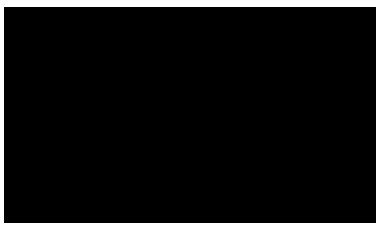
Appendix 9

Geotechnical Planning Review Report

BEN TSE & ASSOCIATES LTD

GEOTECHNICAL PLANNING REVIEW REPORT
FOR
PROPOSED COMBINED SITE
AT
NOS. 1-1A KOTEWALL ROAD AND 64 CONDUIT ROAD
MID-LEVELS WEST, HONG KONG

REF. NO : KWR01/PR001



June 2026

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1. Introduction

The site is located at No. 1-1A Kotewall Road and No. 64 Conduit Road, Mid-Levels West, Hong Kong (IL 8314, IL 946 S.B ss.1, IL 946 S.B ss.2 & IL 2387 S.A RP). The proposed residential development combines the aforementioned lots. The redevelopment consists of a 4-storey building at No. 64 Conduit Road and a 27-storey residential tower, including two levels of lower ground floors at No. 1 and 1A Kotewall Road.

The combined site is located in Scheduled Area No.1 (Zone 1 – 7.5m below the pre-development topographic and partially within the 30m transition zone. The design strategy and design criteria specific to the above-mentioned areas are discussed in this report.

The development meets the following criteria:

1) Maximum gradient across the site from boundary to boundary/ across 50m long strip greater than 15°;
2) Height of retaining wall within the site/ within 6m of the site is greater than 6m;
3) The ground outside the site at an angular elevation of more than 20° and there is ground sloping at more than 15° within 50m upslope of the site.

Hence, this geotechnical planning review report discuss its geotechnical feasibility.

The proposed site area has a total area of approximately 1,674.6m^2. A location plan of the site on 1:5000-scale topographical map is shown in Figure 1. The site plan also included the development site boundary, the location of geotechnical feature within and outside site as mentioned above, the layout plan of the proposed development.

Master layout plans with 1:5000 topographical map and section are attached in **Appendix A**. The proposed development plan and sections are attached in **Appendix B**.

In this report, the retaining walls and slopes which may affect or be affected by the proposed development will be reviewed and discussed. Hence, the geotechnical feasibility of the proposed development would be assessed and finally outline required further study.

A list of data sources used in this report would be summarized at the end of this report.

2. Site Conditions

2.1 Site Description

The site comprises the existing sites at No. 1-1A Kotewall Road and No. 64 Conduit Road. Currently, the site at No. 1-1A Kotewall Road is under construction, with foundation works in progress, while No. 64 Conduit Road accommodates an existing 5-storey residential building without a basement (with ground level at approximately +132.60 mPD).

The site is accessible from the northwest via Kotewall Road and from the southwest via the elevated road adjacent to King's Road (66 Conduit Road). It is bounded to the south by Conduit Road, which separates the site from the existing building known as Peace Court (64A Conduit Road), and to the north by Kotewall Road.

Surrounding buildings include Richmond Court (111–113 Robinson Road) and Villa Veneto (3 Kotewall Road), located to the northeast and northwest of the site respectively, as well as Imperial Court (62G Conduit Road) and King's Garden (66 Conduit Road), situated to the southeast and southwest respectively.

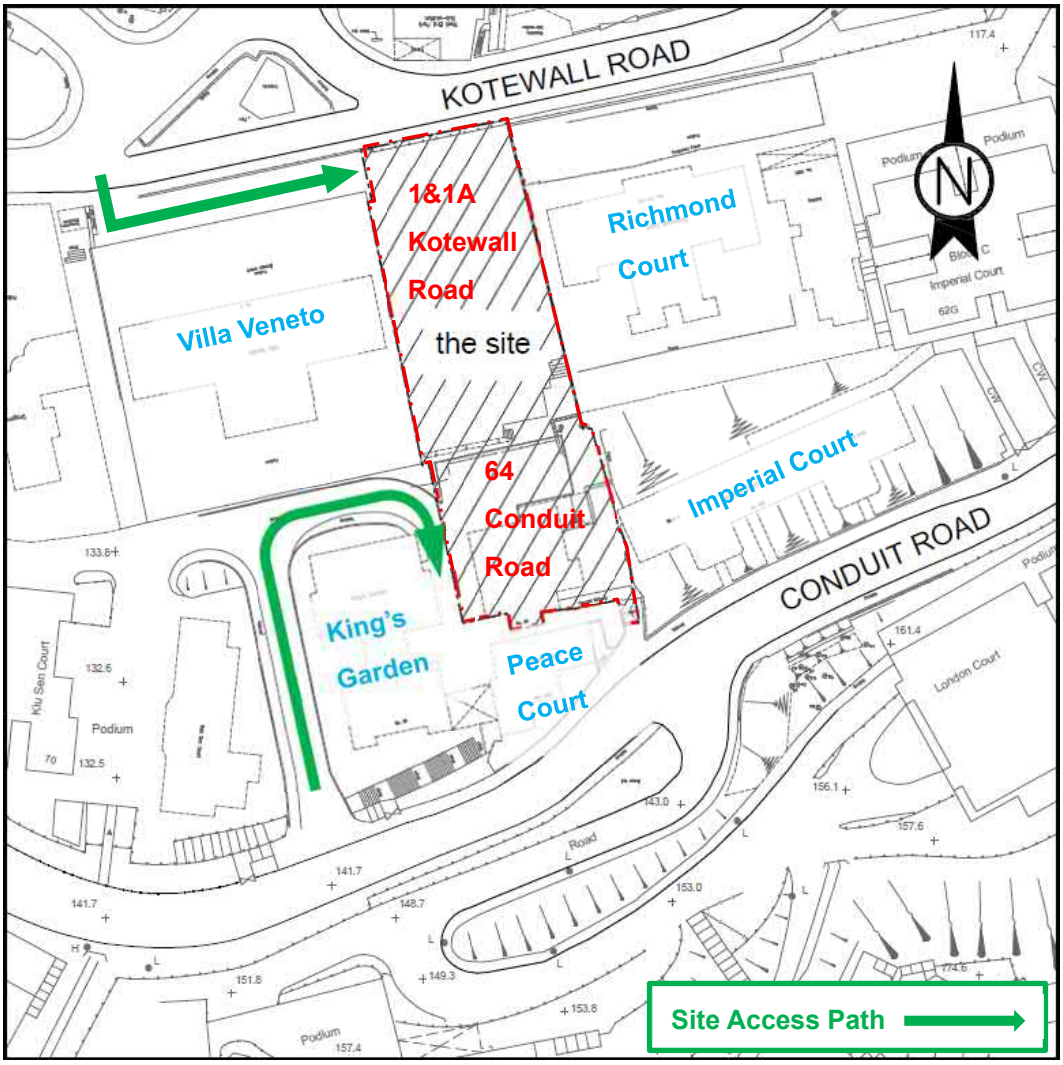


Figure 1: Site Plan of Proposed Site (North sign towards upward).

The site is located partially within Zone I of Mid-levels Scheduled Area No.1 and the the site falls partially within Zone II (the 30m transition zone).

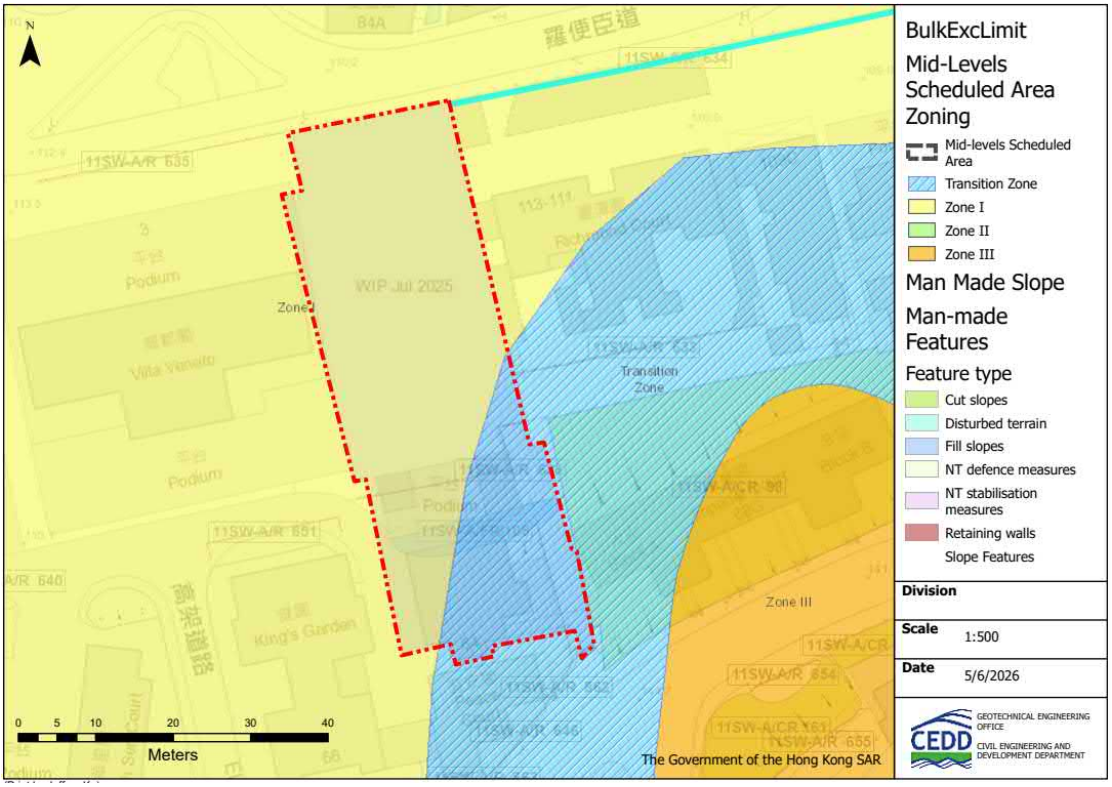


Figure 2: Site Location Plan within Scheduled Area 1 (as extracted from GInfo)

2.2 The Proposed Development

The proposed residential development comprises a 4-storey building at No. 64 Conduit Road and a 27-storey residential tower, including two levels of lower ground floors, at No. 1 and 1A Kotewall Road. Each building will be supported by an independent foundation system. Between the two buildings, the existing elevated carport, which is supported by caissons, will be retained as part of the proposed development. The proposed development layout and section are shown in **Appendix B**.

2.3 Subject Site Geology

To reveal the geological information for the site, the following information was reviewed and collected:

- 1:20 000 – scale geological map
- Geotechnical Area Studies Programme (GASP)
- Enhanced Natural Terrain Landslide (ENTLI)
- Existing Borehole records
- Adjacent Approved Plan and As-Built Record Plan

2.3.1. Geological Map

The 1:20,000 scale geological map published by the Geotechnical Engineering Office entitled Hong Kong Geological Survey; Hong Kong and Kowloon, Sheet 11, Series HGM20, indicates the site area to be underlain by Debris Flow Deposits (primarily composed of unsorted sand, gravel, cobbles and boulders. A part plan and legend of the 1:20,000 Geological Survey Sheet 11 are attached in *Figure 3* and *Figure 4*.

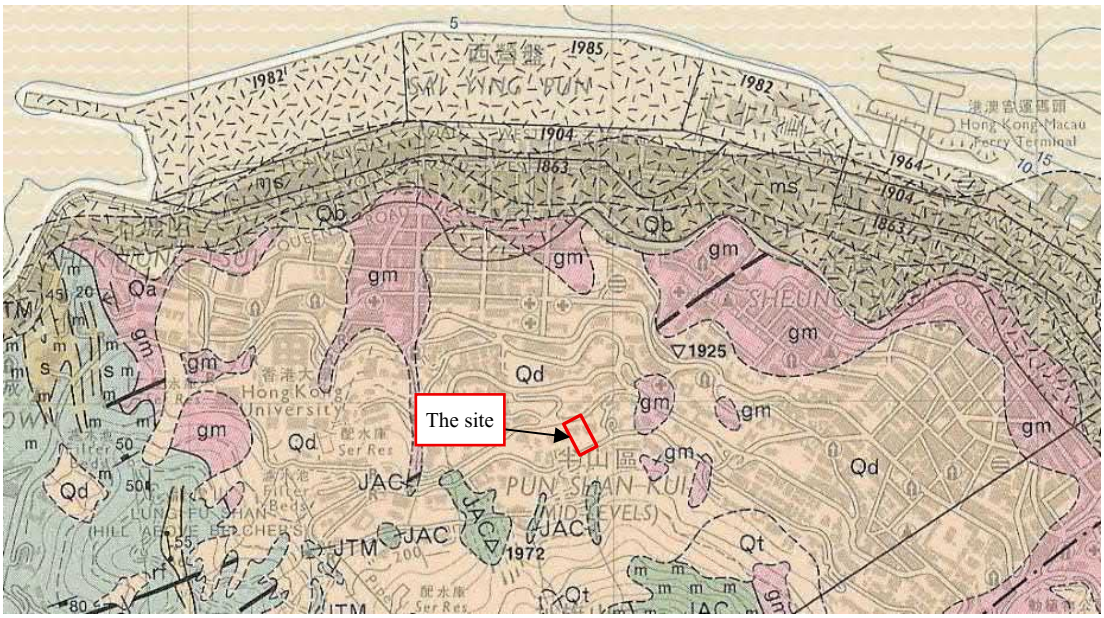


Figure 3: Part Plan of 1:20,000 Geological Survey Sheet 11

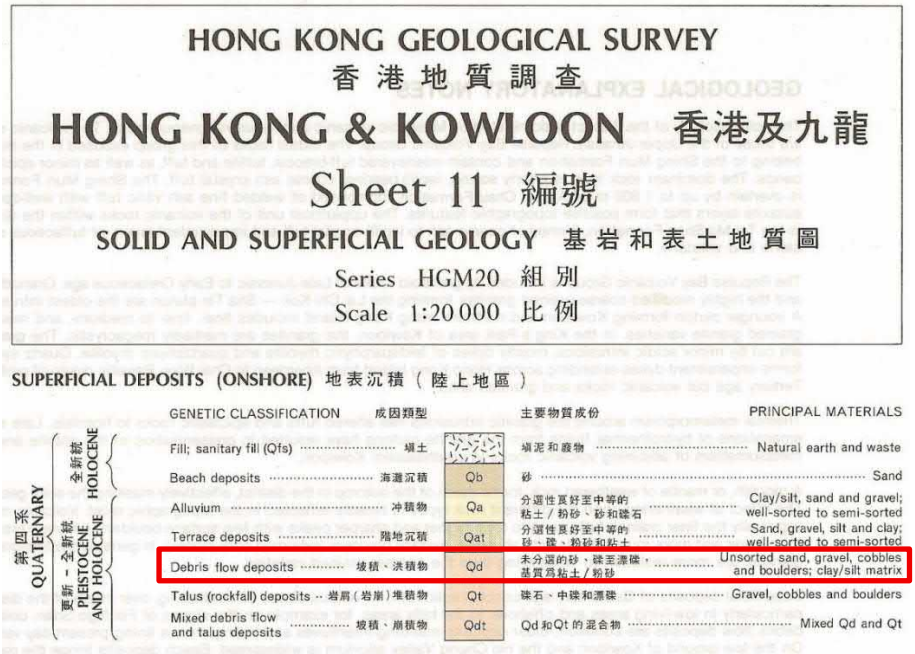


Figure 4: Legend of 1:20,000 Geological Survey Sheet 11

2.3.2. Geotechnical Area Studies Programme (GASP)

According to Geotechnical Area Studies Programme (GASP), Geotechnical Land Use Map (Map Ref No. GASP/20/I/1), the site is in generally classified as Class III with high geotechnical limitation, High engineering cost and Intensive site investigation works envisaged. Engineering Geological Map (Map Ref No. GASP/20/I/2) indicates the site geology is dominantly Colluvium and Hong Kong Granite. The extracted plan and legend are attached in *Figure 4, Figure 5, Figure 6 & Figure 7*.

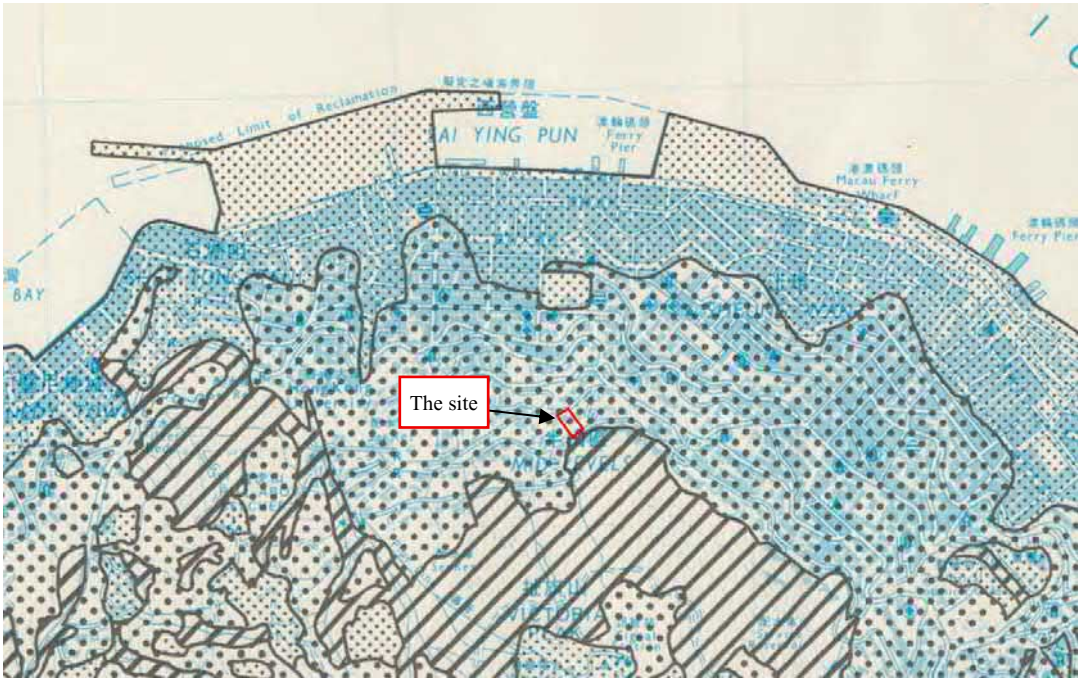


Figure 5: Part Plan of Geotechnical Land Use Map (Map Ref No. GASP/20/I/1)

LEGEND

CLASS	CODE	GEOTECHNICAL LIMITATIONS	SUITABILITY FOR DEVELOPMENT	ENGINEERING COST FOR DEVELOPMENT	INTENSITY OF SITE INVESTIGATION REQUIRED
I		Low	High	Low	Normal
II		Moderate	Moderate	Normal	Normal
IIs		Moderate	Moderate - Low	Normal - High	Normal
III		High	Low	High	Intensive
IV		Extreme	Probably Unsuitable	Very High	Very Intensive

Figure 6: Legend of Geotechnical Land Use Map (Map Ref No. GASP/20/I/1)

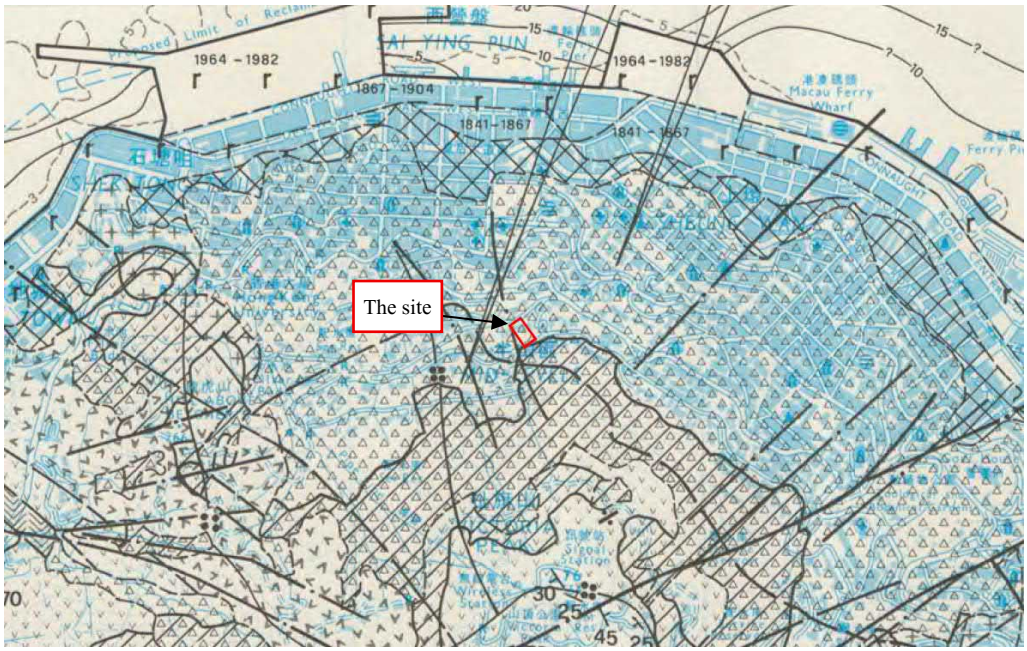


Figure 7: Engineering Geological Map (Map Ref No. GASP/20/I/2)

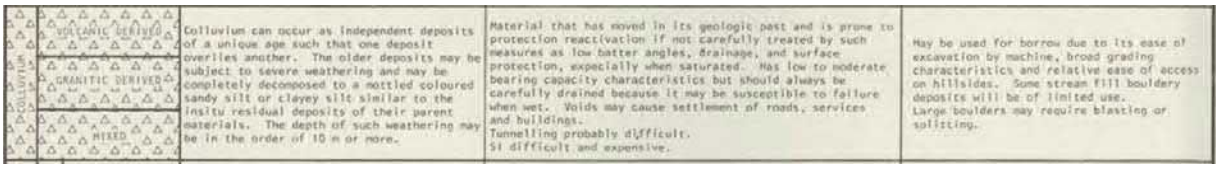


Figure 8: Legend of Engineering Geological Map (Map Ref No. GASP/20/I/2)

2.3.3. Ground Investigation Records

Ground Investigation (GI) works at No. 1-1A Kotewall Road were carried out by Wing Wo Geotechnical Engineering Ltd. between June and August 2022. The available GI information indicates that the site is underlain by Fill, Colluvium, Completely Decomposed Granite (CDG), Highly Decomposed Granite (HDG), and subsequently Moderately to Slightly Decomposed Granite bedrock. Beneath the site, the subsoil profile generally comprises a layer of sandy Fill ranging from approximately 4 m to 9 m in thickness, underlain by sandy Colluvium ranging from about 3 m to 12 m thick. The CDG/HDG layer is encountered at depths varying from approximately 8 m to 35 m. Bedrock was encountered at depths of about 50 m to 62 m below the existing ground level. The relevant GI records are presented in **Appendix C**.

GI works at No. 64 Conduit Road were carried out by City Geotechnical Engineering Ltd. between April and May 2026. The GI results similarly indicate that the site is underlain by Fill, Colluvium, CDG, HDG, and Moderately to Slightly Decomposed Granite bedrock. The subsoil profile beneath this portion of the site comprises sandy Fill ranging from approximately 1 m to 4 m thick, underlain by sandy Colluvium ranging from about 5.8 m to 17.9 m thick. The CDG/HDG layer is encountered at depths of approximately 35 m to 41 m. Bedrock was encountered at depths ranging from about 48 m to 62 m below the existing ground level. The GI records are also included in **Appendix D**.

Based on the available GI data, the rockhead level across the site varies from approximately +84.25 mPD to +50.61 mPD, generally decreasing from the southeast towards the northwest.

2.3.4. Groundwater

According to the groundwater monitoring records obtained from the site-specific ground investigation works at 1-1A Kotewall Road, the highest measured groundwater level is encountered at approximately +118.75mPD. The lowest measured groundwater level at approximately +95.80mPD. The groundwater dipping northerly from +118.75mPD at the southwestern portion to +95.80mPD at the northeastern portion of 1-1A Kotewall Road.

It is found that there is a great difference between the highest and lowest measured groundwater levels from the site-specific GI, implying that the natural fluctuation of the groundwater level for the site is great. The groundwater profile is considered to align with the profile of the sloping terrain of the hill side at which the site is located.

For No. 64 Conduit Road, groundwater monitoring records from the corresponding GI works indicate that the highest measured groundwater level is approximately +125.91mPD, while the lowest measured groundwater level is approximately +120.27mPD. The groundwater table similarly dips in a northerly direction, from approximately +125.91mPD at the southern portion of the site to approximately +120.27mPD at the northern portion. This trend is also consistent with the local topography.

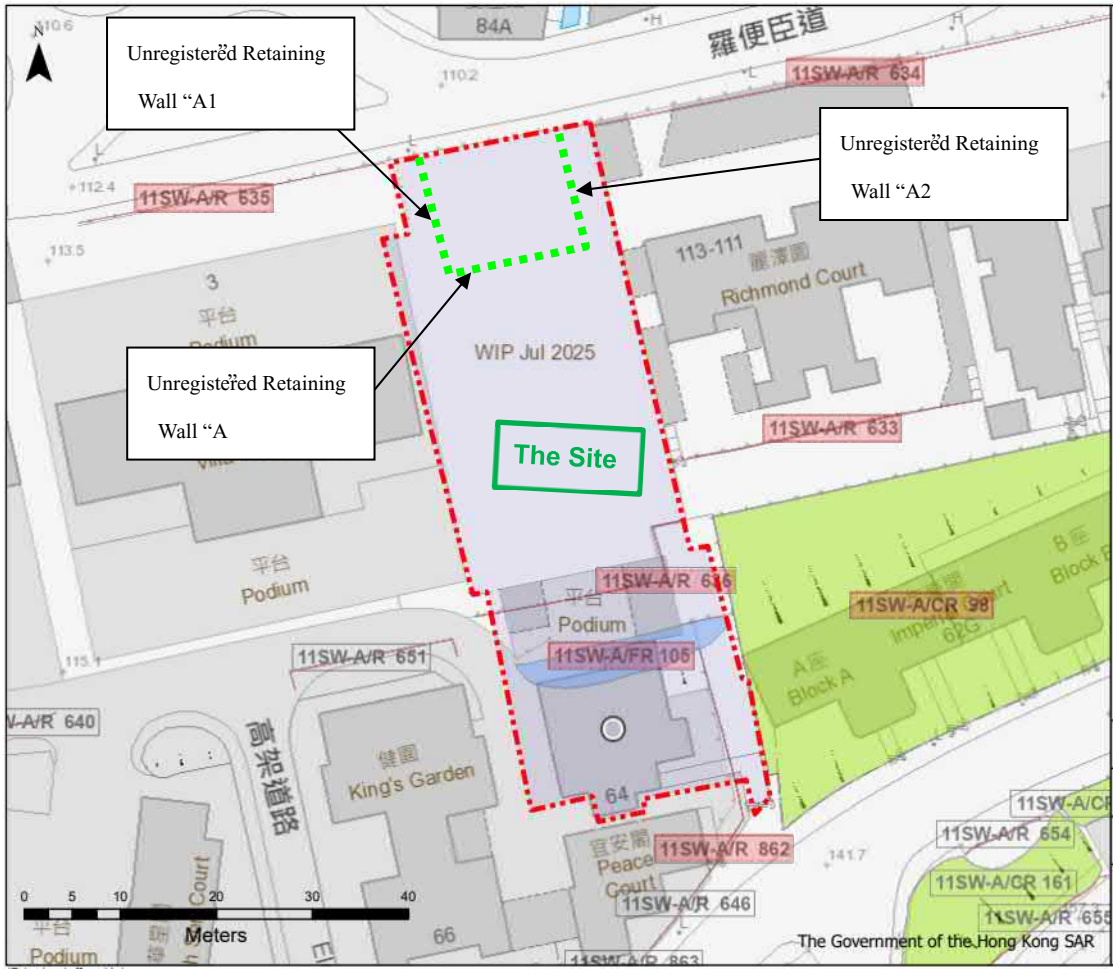
Hydrogeological profile would be further review. Groundwater monitoring records for No. 1-1A Kotewall Road and No. 64 Conduit Road are presented in **Appendix C** and **Appendix D**, respectively. In general, the regional groundwater level decreases from the southern portion of the site (approximately +125.91 mPD) towards the northern portion (approximately +95.80 mPD).

2.4 Existing Man-made Feature

The general information of the geotechnical feature within or in the vicinity of the subject site is summarized below:-

The slope basic information and the maintenance information extracted from Lands Department (hereinafter refer as LandsD), Geotechnical Engineering Office (hereinafter refer as GEO) and Building Department (hereinafter refer as BD) are presented in **Appendix E1 and E2**. The information retrieved from the desk study of the relevant features are summarised below: -

Feature No.	Sub-division No.	Maintenance Responsibility
11SW-A/R 636	1	IL 2387 S.A ss.1
	2	IL 2387 S.A RP **(Lot Owner)**
	3	IL 946 S.B ss.1 **(Lot Owner)**
	4	IL 8314 **(Lot Owner)**
11SW-A/R 635	-	IL 946
11SW-A/R 634	1	IL 946 A,3
	2	IL 946 A,1,A
	3	IL 946 A,1,B
	4	IL 946 A,1,C
	5	IL 946 A,1,RP
	6	IL8323
11SW-A/R 633	-	IL 946A,3
Unregistered Feature “A”	-	IL 946 S.B ss.1 & IL 946 S.B ss.2 **(Lot Owner)**
Unregistered Feature “A1”	-	IL 946 S.B ss.2 **(Lot Owner)**
Unregistered Feature “A2”	-	IL 946 S.B ss.1 **(Lot Owner)**
11SW-A/FR 105	-	IL 2387 S.A RP **(Lot Owner)**
11SW-A/CR 98	1	IL 7956
	2	Highways Department
11SW-A/R 862	1	IL 2387 S.A RP **(Lot Owner)**
	2	IL 2387 S.A ss.2



Feature No. 11SW-A/R 636 (Sub-division No. 2, 3 & 4)

This masonry retaining wall was constructed before 1976, with a maximum height of 3m, length of 30m, and a face angle of 85°. This feature is located within the subject site, beneath the suspended platform of 64 Conduit Road. The platform is supported by caisson piles constructed as part of the 64A Conduit Road development. These 3 portions located within the site. The maintenance responsibility belongs to the subject lot owner. The registered features will be retained as part of the proposed development.

Information from eLPMIS obtained via GINFO

No checking records were found.

Feature No. 11SW-A/R 636 (Sub-division No. 1)

ThIS potions is similar to the above mentioned sub-division no. 2, 3 & 4. But these portions are located outside the subjected site and below the suspended platform of 64 Conduit Road. The platform was supported by caisson piles which constructed under 64A Conduit Road Development. The maintenance responsibility belongs to IL 2387 S.A ss1.

Information from eLPMIS obtained via GINFO

No checking records were found.

Feature No. 11SW-A/R 635 (by the side of northwestern boundary of the subject site and along Kotewall Road)

Refer to slope information system, this retaining wall was constructed in pre-1977 times, with a maximum height of 7m, length of 25m, and a face angle of 90°. However, refer to the record drawings from Building Department, the nearest portion (showed in Ginfo) shall be demolished and constructed as lower ground floor under 3 Kotewall Road development. Only small portion of retaining wall was retained. Maintenance responsibility belongs to the lot owner of IL946.

Information from eLPMIS obtained via GINFO

No checking records were found.

Feature No. 11SW-A/R 634 (by the side of northeastern boundary of the subject site and along Kotewall Road)

This masonry retaining wall was constructed in pre-1977 times, with a maximum height of 7.4m, length of 68m, and a face angle of 85°. Richmond Court (111 – 113 Robinson Road) is located at the level platform at the crest of the retaining wall. The residential building block is located at around 13m away from the wall face. Maintenance responsibility is shared by the adjacent lot owners (detail refers to above summary table).

Information from eLPMIS obtained via GINFO

It is found that Stage 2 Study has been completed (Study Report No.: S2R 229/2008) in 2009; DH order (DH0011/HK/11/C, DH0027/HK/21/C, DH0052/HK/11/C, DH0010/HK/11/C, DH0026/HK/21/C, DH0051/HK/11/C, DH0012/HK/11/C and DH0025/HK/21/C) were issued to related lot owner. 3 of them (DH0026/HK/21/C (SD1) DH0025/HK/21/C (SD2) and DH0027/HK/21/C (SD6)) issued on 16/07/2021.

Feature No. 11SW-A/R 633 (by the side of eastern boundary of the subject site and behind Richmond Court)

This concrete retaining wall was constructed before 1977, with a maximum height of 4m, length of 25m, and a face angle of 90°. The residential building Richmond Court is located at the level platform at the toe side of the retaining wall. Maintenance responsibility belongs to the lot owner of IL946A,3.

Information from eLPMIS obtained via GINFO

It is found that Stage 2 Study was completed for this feature (Study Report No.: S2R 8/92). Report recommends DH order. DH013/HK/93/C was issued on 26 Feb 1993.

Unregistered Feature "A" (within site)

The masonry retaining wall has a height of approx. 10.684m. This wall was constructed of granite stone and concrete bonding and retain the level difference between two existing platform at the site.

Refer to record plan, part of the portion B structure (beams and slab) attached on the retaining wall at +115.39mPD and +112.95mPD (using the exiting retaining wall as support). A demarcation plan is attached below for the ease of reference.

This retaining wall is proposed to be demolished under this development.



Unregistered Feature "A1" (within site)

The retaining wall has a height of approx. 7m. This wall was constructed of granite stone and concrete bonding and retain the level difference between existing platform at the site and ground level of the adjacent building (also act as the right of way of the site. The retained side of this feature is already developed as lower ground floor of the adjacent development (3 Kotewall Road – Villa Veneto). Therefore, this retaining wall would be demolished as no longer need to retain the adjacent ground.

Unregistered Feature "A2" (within site)

The retaining wall has a height of approx. 7m. This wall was constructed of granite stone and concrete bonding and retain the level difference between existing platform at the site and the adjacent ground. This retaining wall would be retained under this development.

Feature No. 11SW-A/FR 105 (located within the site)

This masonry retaining wall with an adjoining fill slope was constructed after 1977 and has a maximum height of approximately 6 m, comprising a 2 m-high slope portion and a 4 m-high vertical wall portion. The slope section has a length of about 4 m with an average inclination of 25°, while the wall section has a length of approximately 20 m with a face angle of about 85°. The feature is situated beneath the suspended platform of 64 Conduit Road, which is supported by caisson piles. The maintenance responsibility for this feature belongs to the subject lot owner. The feature are located at the northern part of the site, and this portion are proposed to be retained.

Information from eLPMIS obtained via GINFO

No checking records were found.

Feature No. 11SW-A/CR 98 (located along the southeastern boundary)

This masonry retaining wall, together with the adjoining cut slope, was constructed after 1977 and has a maximum overall height of approximately 21 m, comprising a slope portion up to about 15 m high and a vertical masonry wall portion up to about 6 m high. The slope section extends for approximately 85 m with an average inclination of about 35°, while the retaining wall section has an approximate length of 75 m with a face angle of roughly 90°. This composite feature is located along the eastern boundary of the site. The maintenance responsibility for the feature belongs to IL 7956.

Information from eLPMIS obtained via GINFO

DH Order DH2/HK/86A (ref. DH/0258/77/HK(SS) A5) was issued to the relevant lot owner on 20 June 1986. Subsequent upgrading works were carried out, and the slope has since been upgraded to the current standard through the construction of a caisson wall as part of the site formation works for Imperial Court.

Feature No. 11SW-A/R 862 (Sub-division No. 1, within the site)

This masonry retaining wall was constructed after 1977 and has a maximum height of approximately 5 m, a length of about 30 m, and a face angle of around 85°. This feature is located within the subject site, with the existing building situated at the toe of the wall. The maintenance responsibility for this feature rests with the subject lot owner. This portion is located at the east of the site and is proposed to be retained.

Information from eLPMIS obtained via GINFO

No checking records were found.

Feature No. 11SW-A/R 862 (Sub-division No. 2)

This portion is similar to the above mentioned sub-division no. 1. But this portion is located outside the subjected site and the subjected site is located at the toe of the retaining wall. This portion (approx. 8.5m long) located outside the site. The maintenance responsibility belongs to IL 2387 S.A ss.2.

Information from eLPMIS obtained via GINFO

No checking records were found.

Summary of Existing Geotechnical Features

Feature No. 11SW-A/	Maintenance Responsibility	Type of Feature	Dimension (Length x Max. Height)	Average Angle
R 636	IL 2387 S.A ss.1 **IL2387 S.A RP** **IL 946 S.B ss. 1** **IL 8314**	Mansory Wall	30m x 3m	85°
R 635	IL946	Concrete Wall	25m x 7m	90°
R 634	IL 946 A,3 IL 946 A,1,A IL 946 A,1,B IL 946 A,1,C IL 946 A,1,RP	Masonry Wall	68m x 7.4m	85°
R 633	IL 946A,3	Concrete Wall	25m x 4m	90°

Feature No. 11SW-A/	Maintenance Responsibility	Type of Feature	Dimension (Length x Max. Height)	Average Angle
Unregistered Feature "A"	**IL 946 S.B ss.1** **IL 946 S.B ss.2**	Masonry Wall	Max Retaining Height: 10.7m	-
Unregistered Feature "A1"	**IL 946 S.B ss.2**	Masonry Wall	Max Retaining Height: 7m	-
Unregistered Feature "A2"	**IL 946 S.B ss.1**	Masonry Wall	Max Retaining Height: 7m	-
FR 105	**IL 2387 S.A RP**	Fill Slope associated with mansory wall	Slope : 4m x 2m Wall: 20m x 4m	Slope : 25° Wall: 85°
CR 98	IL 7956 HyD	Cut Slope associated with mansory wall	Slope : 85m x 15m Wall: 75m x 6m	Slope : 35° Wall: 90°
R 862	**IL 2387 S.A RP** IL 2387 S.A ss.2	Mansory Wall-	30m x 5m	85°

Notes: Based on Information from eLPMIS obtained via GINFO

The following Registered Features' MR belong to the subject Site

1. ***11SW-A/R 636 (Sub-division 2, 3 & 4)***
2. ***11SW-A/FR 105***
3. ***11SW-A/R 862 (Sub-division 1)***

2.5 Existing Structures

Imperial Court Block A & B (62G Conduit Road) - Footing

(Adjacent (0m) to Site / Building at approximately 0.6m away from site boundary)

The existing building is located to the East of the Site in the adjoining lot. Refer to the building plan record, this 8-storey building is supported by footing.

King's Garden (66 Conduit Road) - Footing

(Adjacent (0m) to Site / Building at approximately 2.9m away from site boundary)

The existing 8-storey high residential building is located to the west of the Site in the adjoining lot. The building is supported by footing.

Peace Court (64A Conduit Road)

(Adjacent (0m) to Site / caisson piles and footing)

The nearest 5-storey residential building is located south of the Site and 8m away from the site boundary. However, the lower platform which supported by caisson pile is located by the side of the site (southern boundary).

Richmond Court (111 – 113 Robinson Road)

(Adjacent (0m) to Site / Building at approximately 2m away from site boundary)

The existing building is located to the East of the Site in the adjoining lot. No foundation record was found. Refer to the building plan record, this 12-storey building foundation is found on solid ground.

Villa Veneto (3 Kotewall Road) – Caisson Pile

(Adjacent (0m) to Site / Piles at approximately 1m away from site boundary)

The existing 35-storey high residential building is located to the west of the Site in the adjoining lot. The building is support by caisson pile except the lower ground floor. The lower ground floor and right of way are supported by footing.

Related record drawings are enclosed in **Appendix F**.

2.6 Existing Utilities

Relevant government departments and private utility companies have been contacted for information regarding their installations in the vicinity of the Site. The detail information of underground utilities would be presented in detail design stage. A summary of the water-carrying utilities, gas pipelines and power cables for 1-1A Kotewall Road is given below. The utilities records are attached in **Appendix G**.

Department / Company	Records	Location
HKE	Ducts / Cables	- Along Kotewall Road
WSD	Fresh Water Mains (200 dia.)	- Across Kotewall Road
	Salt Water Mains (200 dia.)	- Along Kotewall Road
DSD	Storm Pipe (375 dia.)	- Along Kotewall Road
	Storm Drainage Tunnel (2500 dia.)	- Along Kotewall Road
	Storm Water Chamber	- Northwest of subject site
HGC	Duct Route	- Along Kotewall Road
HKBN	Duct Route	- Along Kotewall Road

3. Proposed Geotechnical Related Works

3.1. General

Refer to Section 2.3.2, the GASP report classified the area as high Geotechnical Limitation, types of geotechnical related works are limited. The major concerns for the subject development would be follow:

i) Numbers of geotechnical features surrounding the site boundary;

ii) Existing geotechnical features located within site boundary; and

iii) Located at Schedule Area No.1

The effect on the adjacent building or features mainly due to the proposed excavation works of the pile caps. However, it is normally can be catered by use of pre-stress on struts during excavation stage. The effect (e.g. surcharge or lateral load) due to the adjacent structures or features would be considered in Foundation and ELS submission.

The existing geotechnical features, which located within the site boundary, would be upgraded to current standard or to be demolished under ELS/ Site Formation works. If found necessary, the geotechnical feature would be upgraded before the construction works for safety reasons.

As the proposed development is located within Scheduled Area No. 1, there are restrictions on bulk excavation for the proposed substructure works. Based on the General Building Plans (GBP), the proposed development does not require bulk excavation below the bulk excavation limit, except for the two proposed lift pits at No. 1-1A Kotewall Road, which will involve localized excavation extending below the bulk excavation limit. For the development at No. 64 Conduit Road, **no bulk excavation** below **the bulk excavation limit** is anticipated."

Due to the site of 1-1A Kotewall Road being located on a sloping terrain, the 2 levels of lower ground floor are to be constructed below the existing ground level and is technically a 3-sided semi-basement. These 2 lower ground levels will retain the level difference of the adjacent ground levels of 64 Conduit Road, Richmond Court and Villa Veneto. Top-down method is proposed for the tower portion of the proposed building for G/F and below as an alternative to the conventional bottom-up construction. For the remaining portion of the building at 1-1A Kotewall Road and for the building at 64 Conduit Road, conventional bottom-up construction method would be adopted.

3.2. Proposed Foundation

The proposed residential development comprises a 4-storey building at No. 64 Conduit Road and a 27-storey residential tower, including two levels of lower ground floors, at No. 1 and 1A Kotewall Road. Each building will be supported by an independent foundation system.

The foundation systems for the above structures are designed to resist the following loads:

- Gravity load (dead and live load) from the proposed building.
- Lateral wind load acting on the proposed building.
- Lateral load acting on the structure exerted by soil retained by existing retaining wall
- Uplift load due to groundwater pressure.
- Adjacent Building Load/Unregistered Feature Surcharge

Piles founded on solid bedrock would be the most suitable foundation type in view of the site geology. The detailed foundation design for the proposed development will be submitted separately based on the findings of the site-specific ground investigation field works.

The following foundation options are considered feasible:

Bored Pile foundation

Large-diameter bored pile is proposed as the foundation scheme to support the tower. 2m to 3m diameter bored would be founded at category 1(c)/1(d) bedrock according to Code of Practice for Foundation 2017. The allowable bearing pressure of the bored pile should be followed according to Code of Practice for Foundation 2017. The lateral loading will be resisted by the bending capacity of the piles.

Socketed Steel H-Pile foundation

Socketed H-piles are considered to be a feasible option for supporting the proposed development. All socketed piles would be embedded into the Grade III or better rock with total core recovery greater than 85%.

Sleeve would be provided on piles to prevent adverse lateral load added on adjacent geotechnical features if found necessary. The adverse effect of foundation works on the existing features and structures would be considered in detail design stage and will not be rendered to an unacceptable level.

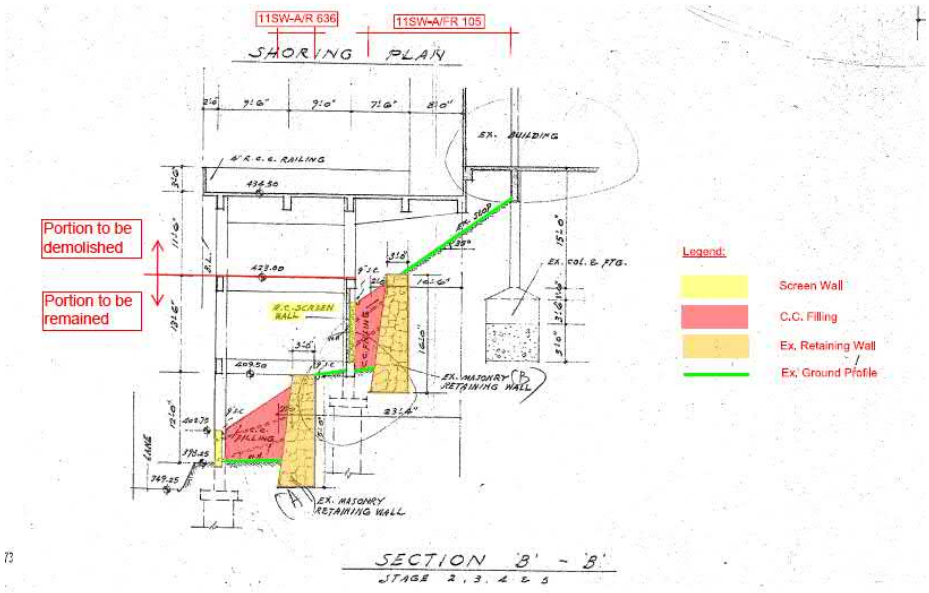
3.3. Proposed Site Formation Works

As mentioned in Section 2.2 of this report, the maintenance responsibilities of un-registered retaining walls, Feature No. 11SW-A/FR 105, Sub-division 2 - 4 of Feature No. 11SW-A/R 636, and Sub-division 1 of Feature No. 11SW-A/R 862 lie within the site boundary.

For un-registered retaining wall “A”, “A1” and “A2”, temporary mass concrete is constructed in front of the walls as precautionary measures for the demolition works and these unregistered retaining wall and mass concrete are proposed to be demolished for the lower ground floor construction.

For the portions of Feature No. 11SW-A/R 636 located within the site and Feature No. 11SW-A/FR 105, slope upgrading works or wall stabilization works (eg. wall thickening, soil nail installation etc.) will be carried out where found necessary. These features will be upgraded to the current standard should their factors of safety be found inadequate.

Referring to the section shown below, the existing ground between Features 11SW-A/R 636 and 11SW-A/FR 105 is generally flat, with a ground inclination not exceeding 5 degrees. This location would be further reviewed using the topographical survey data during the detailed design stage to determine whether it should be classified as a “feature” under current standards. If it is determined to be a feature, slope modification works (e.g., slope trimming) would be carried out to ensure that the feature complies with current standard.



For the portion of Feature No. 11SW-A/R 862 located within the site, the section falling within the proposed building footprint will be partially trimmed down to facilitate pile cap and superstructure construction. The level difference currently retained by the existing wall will be taken up by the proposed building through a screen wall. The portion of the feature outside the building footprint will remain unexcavated under the proposed development; wall stabilization works will be carried out if considered necessary to meet the current standard.

3.4. Proposed Excavation and Lateral Support Works

The excavation works can be mainly divided into 2 portions: 1-1A Kotewall Road portion and 64 Conduit Road portion.

1-1A Kotewall Road Portion

As mentioned previously, top-down construction method is proposed for this development as an alternative to the conventional construction method. The top-down method is ideal for minimizing the effects of ELS works by providing a rigid structural frame which utilizes the permanent structure in resisting the lateral earth load. Bulk excavation work is not carried out until the permanent structural frame has achieved sufficient concrete strength. Staged excavation will be carried out subsequent to the construction of the permanent structures floor by floor. The permanent building frame will act as strutting to the pipe pile wall. Nonetheless provision of temporary steel strutting as in conventional ELS schemes is also feasible if found necessary. Since that the lowermost floor is supported hanger from the floors above, the slab thickness required is much shallower than that of a pile cap, reducing the excavation depth of the proposed ELS works.

Pipe piles will be proposed as the vertical elements for the ELS works for the construction of the lower ground floors. The vertical pile walls will be constructed prior to the construction and installation of pile foundation as a precautionary measure to shield off and minimize any construction nuisance. For the bulk excavation works, the pipe piles would be designed to resist the lateral earth load with the surcharge from the adjacent ground and buildings taken into considerations in the ELS design. The ELS works will be designed in a manner to not impose any adverse effects on the surrounding ground, adjacent buildings, features and underground utilities. Dewatering works will be carried out as necessary.

64 Conduit Road Portion

Excavation and lateral support works will be proposed to facilitate the construction of bored pile foundation and pile cap. In view of the level difference between the existing ground level and the excavation level, cantilevered pipe pile/soldier pile wall would be installed. Based on the GBP submission, no basement structures are proposed. Hence, it is anticipated that the max excavation is about 3m. Actual excavation depth will be subject to calculations and design requirement in detail design stage. Pumping test will be proposed if any dewatering works are found necessary in detailed design stage. The effect of the proposed excavation and lateral support works will be assessed in the detail design of the ELS submission. The ELS work is to be designed to not impose any adverse effect on the surrounding buildings, underground structures and utilities. Dewatering works will be carried out during ELS works as necessary.

Potential settlement due to dewatering shall also be considered. Grout curtain would be provided to control the groundwater drawdown due to ELS works. The adverse effect of ELS works on the existing features and structures would be considered in detail design stage and will not be rendered to an unacceptable level.

The schematic plan and sections are enclosed in **Appendix A.**

4. Geotechnical Constraint and Assessment

4.1 Existing Geotechnical Features

Existing man-made slopes are located within or in close proximity of the Site. The ELS/ Foundation works shall be designed in a manner not to impose any adverse effect on the surrounding geotechnical features and the geotechnical features within the site. The stability of the adjoining slopes and retaining walls within the development and maintained by the lot owner will be further reviewed during the detailed design stage.

A summary table on the aniticipated works and possible measures on the geotechnical features is presented below:

Feature No. 11SW-A/	Maintenance Responsibility	Anticipated Works	Possible Measures
R 636 (sub-division no. 1)	IL 2387 S.A ss.1	To be retained	The ELS works will be designed such that no adverse impacts on the stability of the features will be induced
R 636 (sub-division no. 2~4)	Subject Lot	To be retained	The stability checking of feature, and upgrade the feature to meet the current geotechnical safety standard would be considered in detail design.
R 635	IL946	To be retained	The stability checking of feature, and upgrade the feature to meet the current geotechnical safety standard would be considered in detail design.
R 634	Various	To be retained	The ELS works will be designed such that no adverse impacts on the stability of the features will be induced
R 633	IL 946A,3	To be retained	The ELS works will be designed such that no adverse impacts on the stability of the features will be induced

Feature No. 11SW-A/	Maintenance Responsibility	Anticipated Works	Possible Measures
Unregistered Feature “A"	Subject Lot	Retaining walls to be demolished	N/A (Retaining walls to be demolished)
Unregistered Feature “A1"	Subject Lot		
Unregistered Feature “A2"	Subject Lot	To be retained	The stability checking of feature, and upgrade the feature (eg. wall thickening) to meet the current geotechnical safety standard would be considered in detail design.
FR 105	Subject Lot	To be retained	The stability checking of feature, and upgrade the feature to meet the current geotechnical safety standard would be considered in detail design.
CR 98	Various	To be retained	The ELS works will be designed such that no adverse impacts on the stability of the features will be induced
R 862 (sub-division no. 1)	Subject Lot	Partially demolished to facilitate pile cap and superstructure construction; partially retained.	The stability checking of feature, and upgrade the feature to meet the current geotechnical safety standard would be considered in detail design.
R 862 (sub-division no. 2)	IL 2387 S.A ss.2	To be retained	The ELS works will be designed such that no adverse impacts on the stability of the features will be induced

4.2 Adjacent Building Structures

Imperial Court Block A & B (62G Conduit Road) - Footing

(Adjacent (0m) to Site / Building at approximately 0.6m away from site boundary)

The existing building is located to the East of the Site in the adjoining lot.

King's Garden (66 Conduit Road) - Footing

(Adjacent (0m) to Site / Building at approximately 2.9m away from site boundary)

The existing 8-storey high residential building is located to the west of the Site in the adjoining lot. The building is supported by footing. **The ELS and foundation works will be designed such that no adverse effects on the stability of the existing structures will be induced.**

Peace Court (64A Conduit Road)

(Adjacent (0m) to Site / caisson piles and footing)

The nearest 5-storey residential building is located south of the Site. **The ELS and foundation works will be designed such that no adverse effects on the stability of the existing structures will be induced.**

Richmond Court (111 – 113 Robinson Road)

(Adjacent (0m) to Site / Building at approximately 2m away from site boundary)

The existing building is located to the East of the Site in the adjoining lot. No foundation record was found. Refer to the building plan record, this 12-storey building foundation is found on solid ground. **The ELS and foundation works will be designed such that no adverse effects on the stability of the existing structures will be induced.**

Villa Veneto (3 Kotewall Road) – Caisson Pile

(Adjacent (0m) to Site / Piles at approximately 1m away from site boundary)

The existing 35-storey high residential building is located to the west of the Site in the adjoining lot. The building is support by caisson pile except the lower ground floor. The lower ground floor and right of way are supported by footing. **The ELS and foundation works will be designed such that no adverse effects on the stability of the existing structures will be induced.**

4.3 Determined Bulk Excavation Limit

For the proposed development, the Determined Bulk Excavation Limit will be further reviewed during the detailed design stage based on information obtained from the proposed ground investigation (GI) works and the associated laboratory tests. In this Geotechnical Planning Review Report, the Tentative Bulk Excavation Limit has been adopted with reference to the Tentative Bulk Excavation Limit (Drawing No. TBEL 474) enclosed in **Appendix H1** of the Approval Letter for the GI works of the subject site issued by the Buildings Authority dated 14 April 2022 and Determined Bulk Excavation Limit (Drawing No. DBEL 145) enclosed in **Appendix H1**. According to the General Building Plans (GBP), the proposed development does not require any bulk excavation works below the Tentative Bulk Excavation Limit, with only 2 localized areas intended as the lift pits at 1-1A Kotewall Road being the exceptions. Justifications on the plan layout arrangement having the lift pits located deeper than the BEL are provided by the AP and attached in **Appendix H2**.

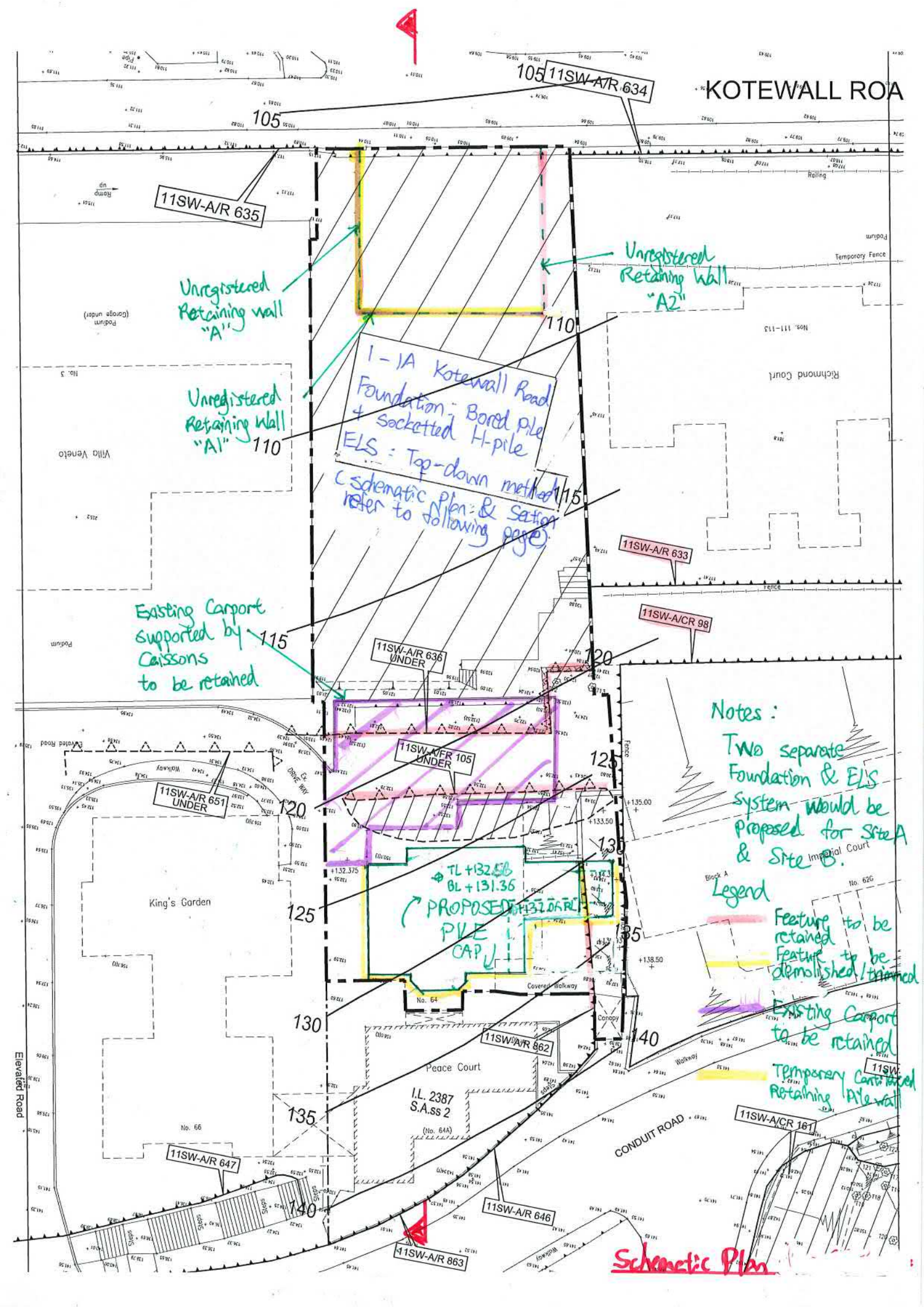
The Tentative Bulk Excavation Limit presented in this assessment report does not represent or imply a safe excavation surface. The Bulk Excavation Limit will be determined separately during the detailed design stage.

5. Conclusions

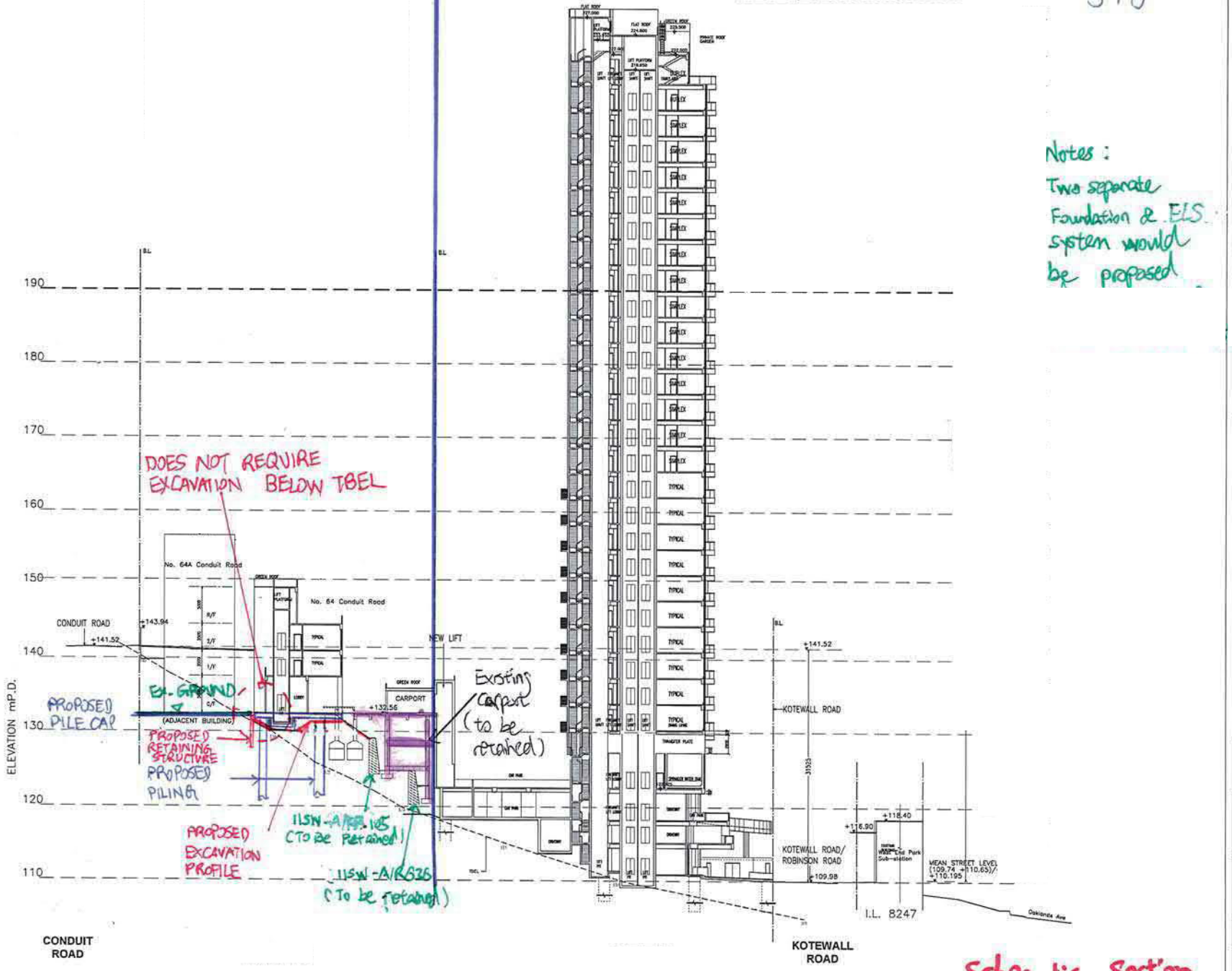
- Based on the above discussion, it can be concluded that proposed development at this site is considered to be geotechnically feasible.
- Site formation / Slope stabilization works may be required for this development for upgrading the existing slope/retaining wall to **meet the current geotechnical safety standard** which maintained by the lot owner.
- The proposed foundation shall involve piling foundation. The adverse effect of foundation works on the existing feature and structure would be considered in detail design stage and will not be rendered to an unacceptable level.
- The proposed ELS works shall involve Bored pile wall and pipe pile wall with consideration of Top-down method. The great level difference can be retained by the R.C. frame and Bored Pile of the proposed development. The potential effects of ELS works on the existing facilities outside the lot boundaries are expected to be minimal if shoring system/R.C. framing with sufficient stiffness is provided. Grout curtain would be provided to minimize the induced settlement if found necessary in detail design stage. The adverse effect of works on the existing feature would be considered in detail design stage and will not be rendered to an unacceptable level.
- The Bulk Excavation Limit will be determined during the detailed design stage.

APPENDIX A

Master Layout Plan with 1:5000 Topographical Map & Section


KOTEWALL ROA
11SW-A/R 634
11SW-A/R 635
Unregistered Retaining Wall "A"
Unregistered Retaining Wall "A2"
Unregistered Retaining Wall "A1"
1 - 1A Kotewall Road
Foundation - Bored pile + Socketted H-pile
ELS : Top-down method
(Schematic Plan & Section refer to following page)
11SW-A/R 633
11SW-A/CR 98
Existing Carport supported by Caissons to be retained
11SW-A/R 636 UNDER
11SW-A/FR 105 UNDER
11SW-A/R 651 UNDER
TL +132.56
BL +131.36
PROPOSED PILE CAP
Notes :
Two separate Foundation & ELS system would be Proposed for Site A & Site B.
Legend
Feature to be retained
Feature to be demolished / trimmed
Existing Carport to be retained
Temporary Cantilevered Retaining Pile wall
11SW-A/R 862
11SW-A/R 647
11SW-A/R 646
11SW-A/R 863
11SW-A/CR 161
CONDUIT ROAD
Peace Court
I.L. 2387
S.A.ss 2
King's Garden
Schematic Plan

64 Conduit Road ⟷ 1-1A Kotewall Road (schematic plan & section refer to following page)



Notes :
Two separate Foundation & ELS system would be proposed

Schematic Section

DLN Architects Limited

PROJECT
RESIDENTIAL DEVELOPMENT AT 1 & 1A, KOTEWALL ROAD, & 64 CONDUIT ROAD, MID-LEVELS WEST.

DRAWING TITLE
SECTION A-A
COMBINED SITE

SCALE	DATE
1:250(A1)	DEC 2025

DRAWN BY — CHECKED BY: HK

JOB NO.	DRAWING NO.
NJ202-H	SK-2B

FEATURE NO. 11SW-A/R636
(SUB-DIVISION NO. 3-4) TO BE RETAINED
UPGRADING WORKS WOULD BE CARRIED OUT IF FOUND NECESSARY

FEATURE NO. 11SW-A/R633

RICHMOND COURT
(SUPPORTED BY RAFT FOOTING)
ELS DESIGN IN A MANNER THAT NOT POSE ADVERSE EFFECT ON THE ADJOINING FEATURES/BUILDING

麗澤園
Richmond Court

FEATURE NO. 6SW-A/R636
(SUB-DIVISION NO. 1-2)
ELS DESIGN IN A MANNER THAT NOT POSE ADVERSE EFFECT ON THE ADJOINING FEATURES/BUILDING

平台
Podium

VILLA VENETO (SUPPORTED BY CAISSON PILE)
ELS DESIGN IN A MANNER THAT NOT POSE ADVERSE EFFECT ON THE ADJOINING FEATURES/BUILDING

威都閣
Villa Veneto

UNREGISTERED RETAINING WALL TO BE RETAINED UNDER THIS DEVELOPMENT

FEATURE NO. 11SW-A/R634

THIS PORTION OF FEATURE NO. 11SW-A/R635 SHALL BE LG/F OF EXTERNAL WALL OF VILLA VENETO

UNREGISTERED RETAINING WALL TO BE DEMOLISHED UNDER THIS DEVELOPMENT

平台
Podium

斜路
Ramp

羅便臣道 ROBINSON ROAD

KOTEWALL ROAD

GROUND FLOOR PLAN

NOTES : (1) AUTOMATIC SPRINKLER SYSTEM TO BE FULLY PROVIDED EXCEPT E&M ROOMS.
(2) ALL PARKING SPACES ARE PROVIDED W/EV CHARGER AS SHOWN

TOTAL NUMBERS OF CAR PARKING SPACES PROVISION
- PRIVATE CAR PARKING SPACES [SIZE : 2.5m(w.) x 5.0m(L)]
- RESIDENT : P1 TO P16 = 16 NOS.
- TOTAL NUMBERS OF PRIVATE CAR PARKING SPACES = 16 NOS.
- TOTAL NUMBERS OF MOTORCYCLE PARKING [SIZE : 1.0m(W) x 2.4m(L)]
: M01 = 1 NOS.

LEGEND : (FOR DLO ONLY)
I.L. 8314 SITE AREA = 124.83 s.m.
AREA = 32.782 s.m.

B.D. REFERENCE	屋宇署檔案
F.S.D. REFERENCE	消防處檔案
W.W.O. REFERENCE	水務署檔案
CAD FILE NAME	檔案編號
NOTES	注釋

NO. 修定號	REVISIONS 修定內容	DATE 日期	BY 經手人
–	1ST Re-submission	20-1-2023	

DLN
DLN Architects Limited
劉荣廣伍景民建築師有限公司

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DO NOT SCALE FROM DRAWINGS 尺寸不應由圖紙直接量度

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PROJECT 項目名稱

RESIDENTIAL DEVELOPMENT
AT 1 & 1A, KOTEWALL ROAD,
MID-LEVELS WEST.

DRAWING TITLE 標題

GROUND FLOOR PLAN

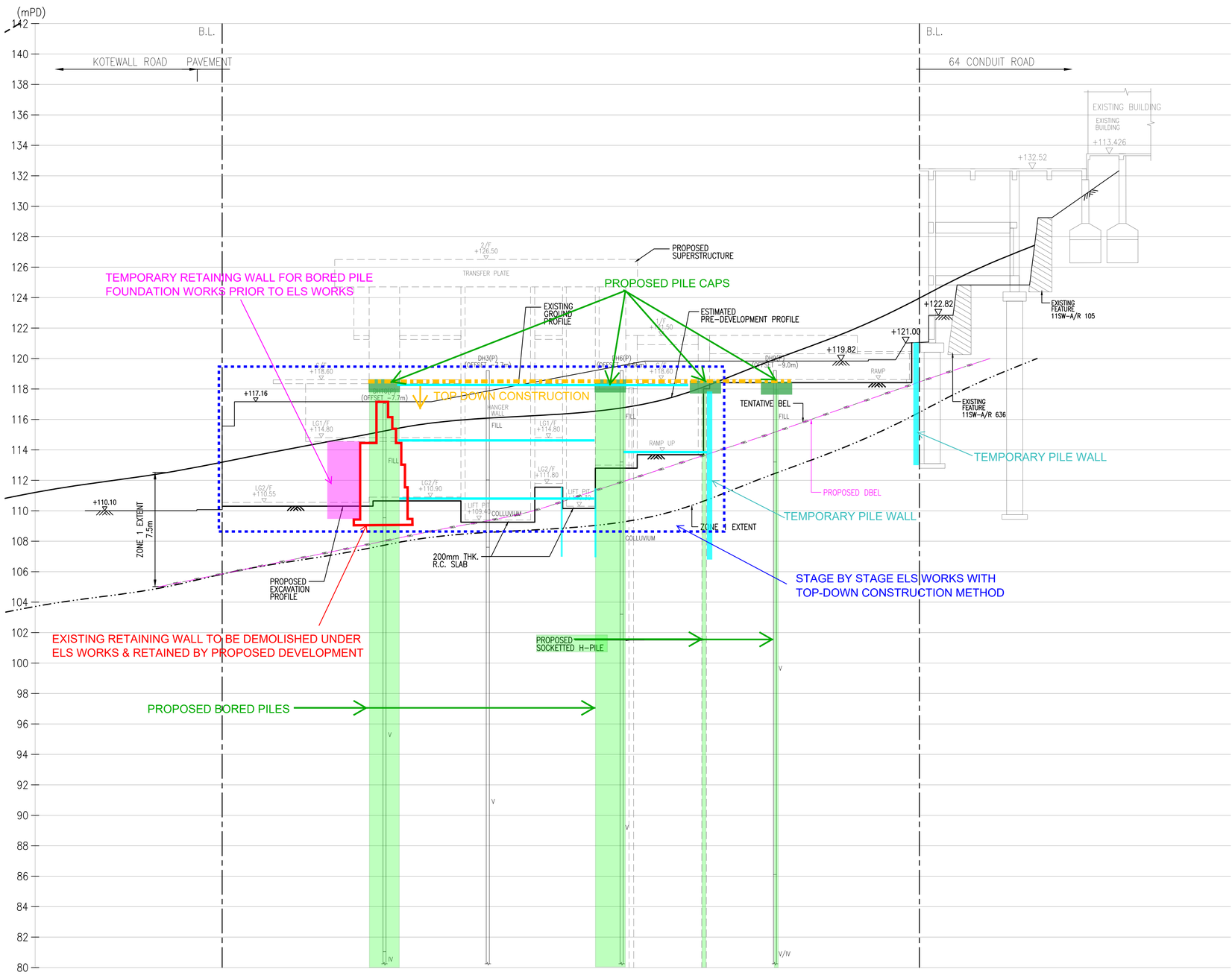
FOR OFFICIAL USE

SCALE 比例	DATE 日期
1:100(A1)	JUN 2022
DRAWN BY 製作人	CHECKED BY 檢查
SZ	––
JOB NO. 工程項目	DRAWING NO. 圖號
N3202–H	A–04

DLN ARCHITECTS LIMITED
WONG MING-YIM (王明炎)
BA(Arch)HKU, BArch(BATH), HKIA, RIBA, AHKAA, AP(Architect), Registered Architect, LEED AP, BEAM Professional, BEAM Pro (ND), China Green Building Council GBL Manager
Certificate of Registration No.: AP(A) 65/80

H:\Dwgs\ACAD\Submission Plans (GBP)\2023-01 GBP Re-submission\From S.Z\2023-01-19(last draft)\send out folder\A-04 (GF).dwg, 1:100, Project No.: N3202-H

BD REF NO: 3/2002/22



SECTION Y3–Y3
(SCALE 1:150@A1, 1:300@A3)

LEGEND:

	LOT BOUNDARY
	EXISTING GROUND
	PROPOSED DBEL
	TENTATIVE BEL
	ZONE 1 EXTENT
CONC.	CONCRETE
FILL	FILL
COLLUVIUM	COLLUVIUM
V	COMPLETELY DECOMPOSED GRANITE
IV	HIGHLY DECOMPOSED GRANITE
III	MODERATELY DECOMPOSED GRANITE
II	SLIGHTLY DECOMPOSED GRANITE

REVISION	DATE	DESCRIPTION	BY	CHK

GOVERNMENT APPROVAL

SIGN BY RSE/RGE

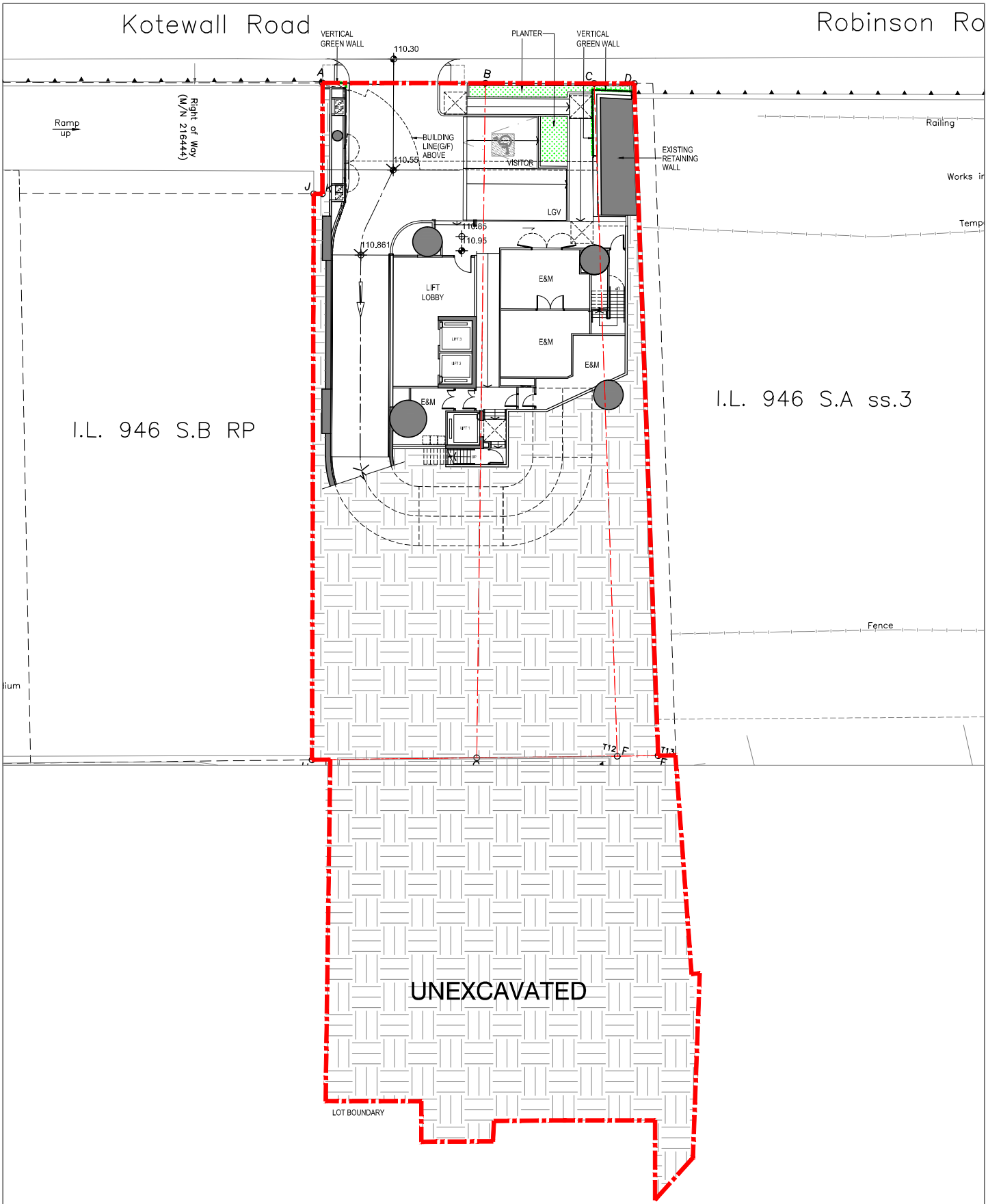
BEN W K TSE
BSc(Eng) MSc(Eng) MIStructE
FHKIE CEng RPE(STL GEL)
Registered Structural Engineer
Registered Geotechnical Engineer

PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT AT 1 & 1A KOTEWALL ROAD MID-LEVEL WEST HONG KONG	SCALE	AS SHOWN
	DATE	SEP 2022
	DESIGNED	CCL
	DRAWN	PAK
DRG. TYPE: DETERMINED BULK EXCAVATION LIMIT	CHECKED	CCL
	APPROVED	BT
DRG. TITLE: SECTION Y3-Y3	DRG. NO	DB-06

BEN TSE & ASSOCIATES LTD

APPENDIX B

Proposed Development Plan and Sections



SK-4

LG2 FLOOR PLAN

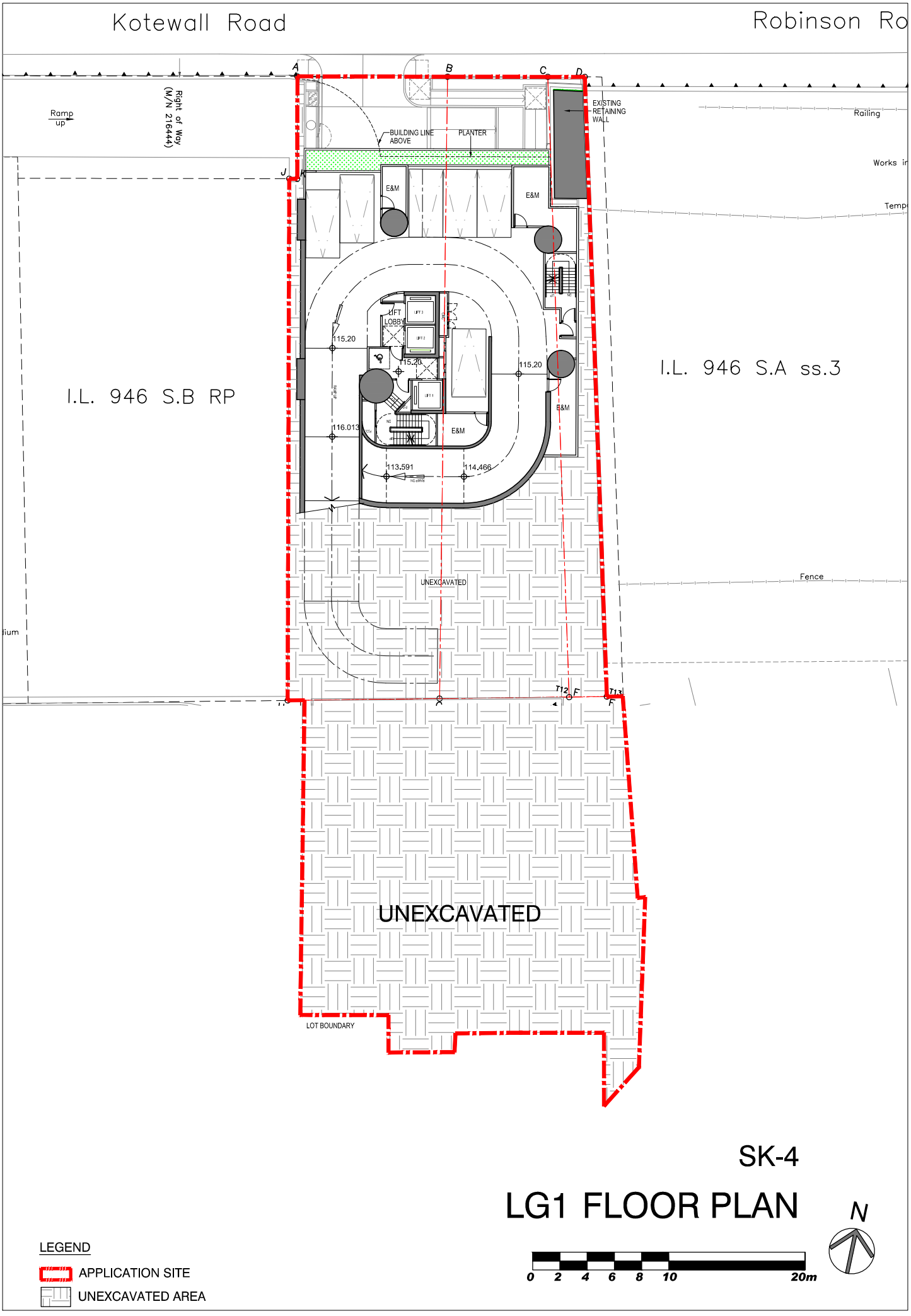
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0 2 4 6 8 10 20m

LEGEND

APPLICATION SITE

UNEXCAVATED AREA



SK-4

LG1 FLOOR PLAN

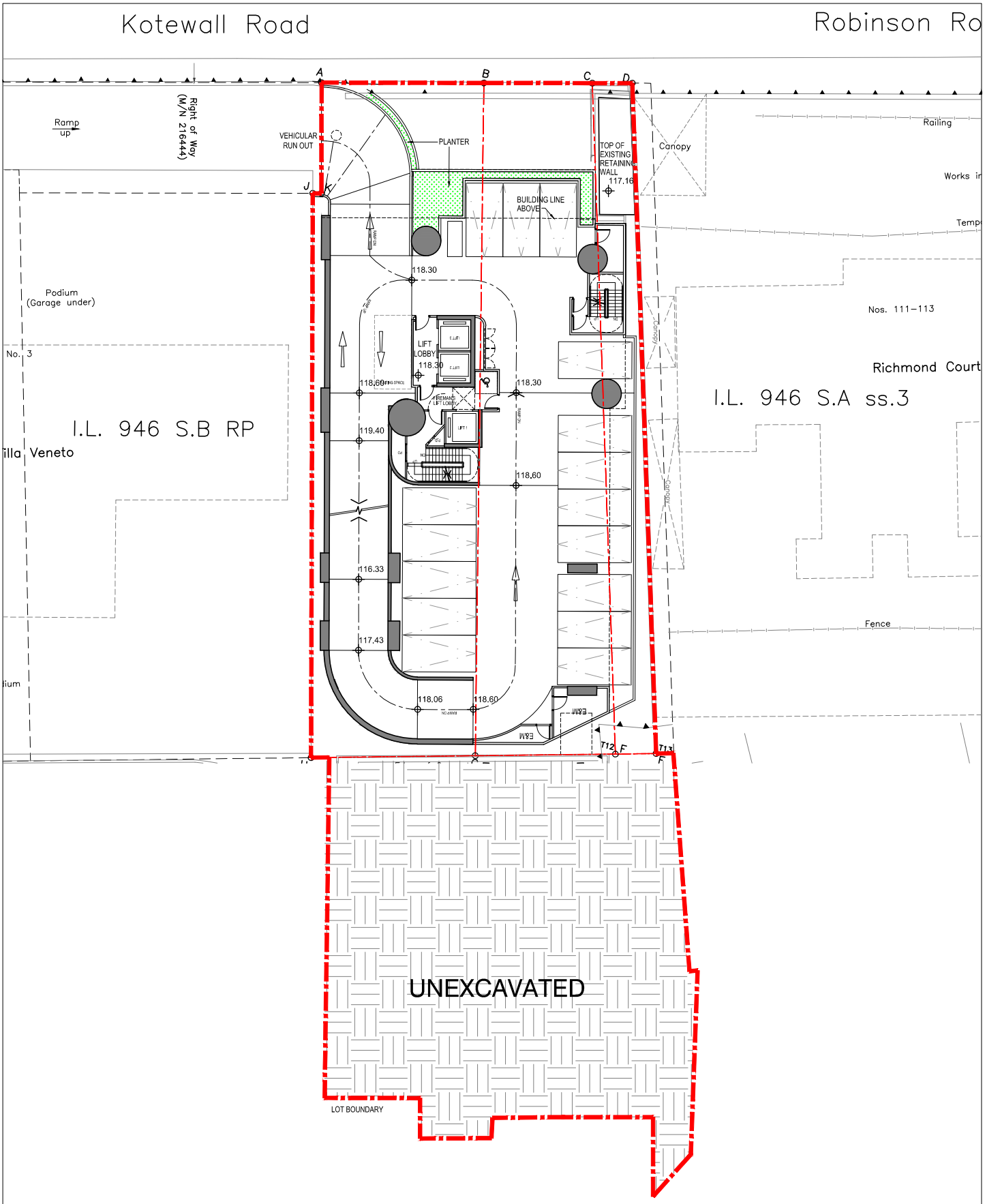
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0 2 4 6 8 10 20m

LEGEND

APPLICATION SITE

UNEXCAVATED AREA



SK-4

GROUND FLOOR PLAN

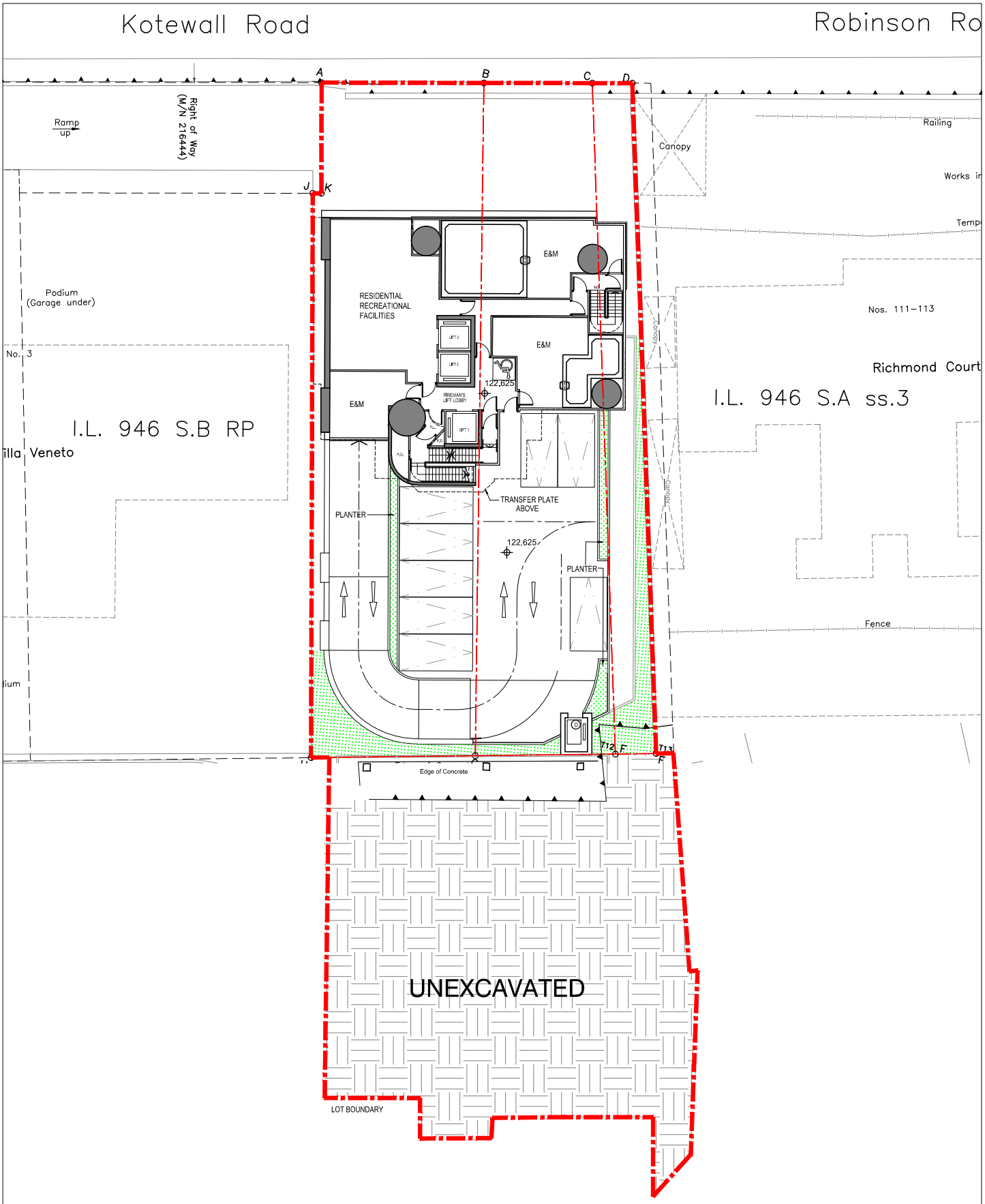
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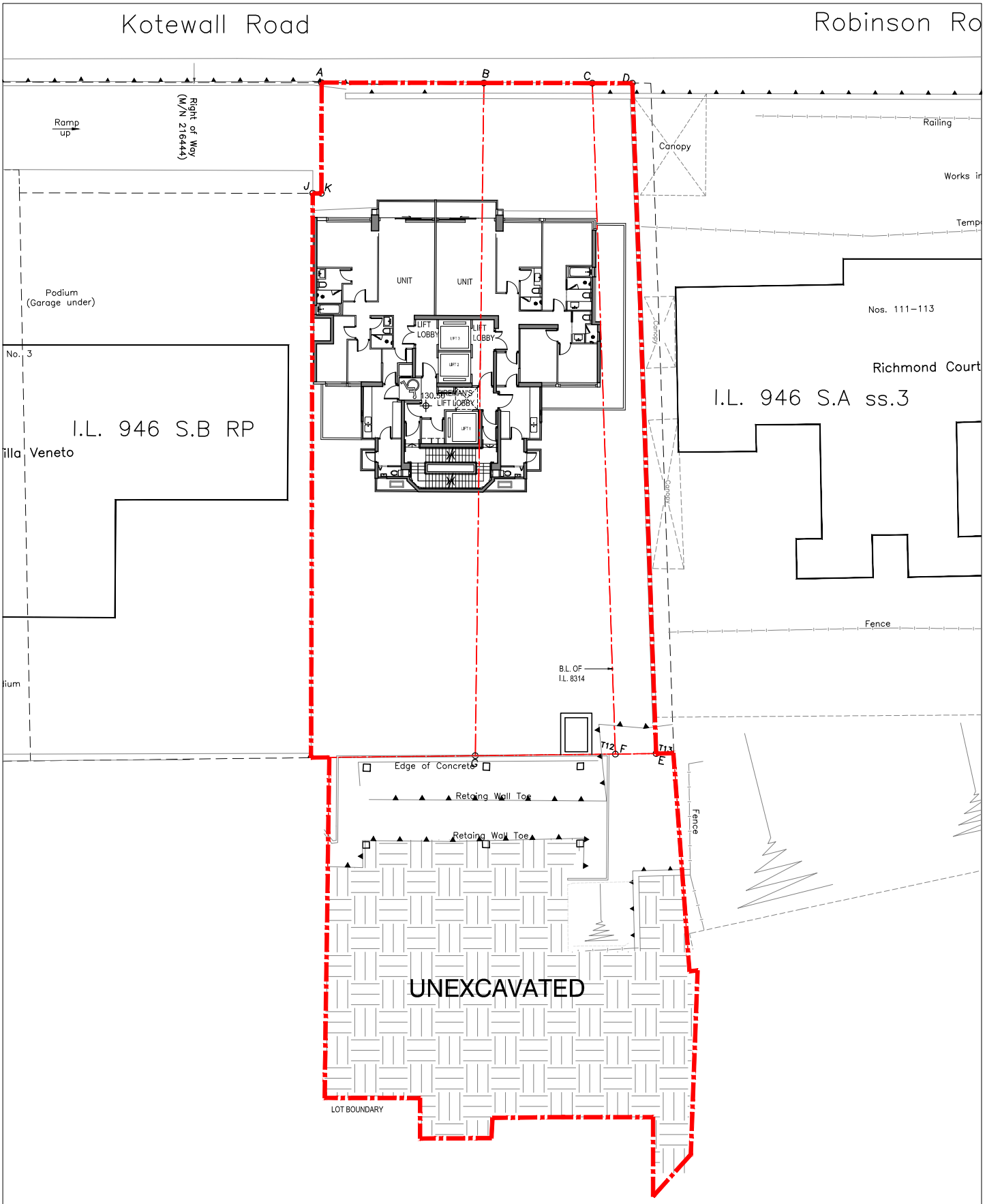
LEGEND

APPLICATION SITE

UNEXCAVATED AREA

0 2 4 6 8 10 20m


Kotewall Road
Robinson Ro
Ramp up
Right of Way (M/N 216444)
A
B
C
D
J
K
Canopy
Railing
Works in
Temp
Podium (Garage under)
RESIDENTIAL RECREATIONAL FACILITIES
E&M
E&M
E&M
LIFT 3
LIFT 2
LIFT 1
FIREMAN'S LIFT LOBBY
122.625
122.625
PLANTER
PLANTER
TRANSFER PLATE ABOVE
Canopy
Canopy
Nos. 111–113
Richmond Court
I.L. 946 S.A ss.3
No. 3
I.L. 946 S.B RP
illa Veneto
ium
Fence
T13.F
T13
F
Edge of Concrete
UNEXCAVATED
LOT BOUNDARY
SK-4
1ST FLOOR PLAN
N
LEGEND
APPLICATION SITE
UNEXCAVATED AREA
0 2 4 6 8 10 20m



SK-4

2ND FLOOR PLAN

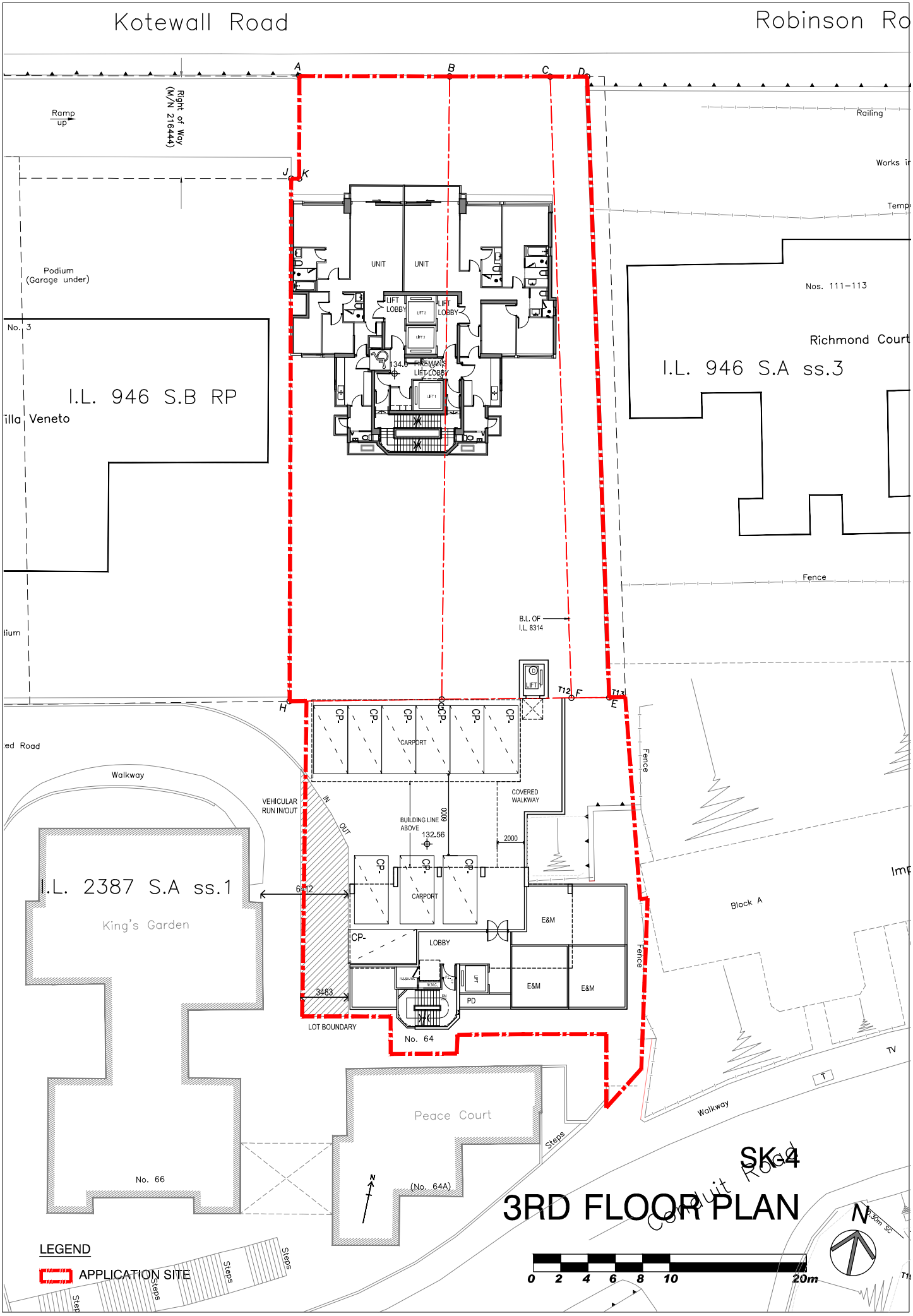
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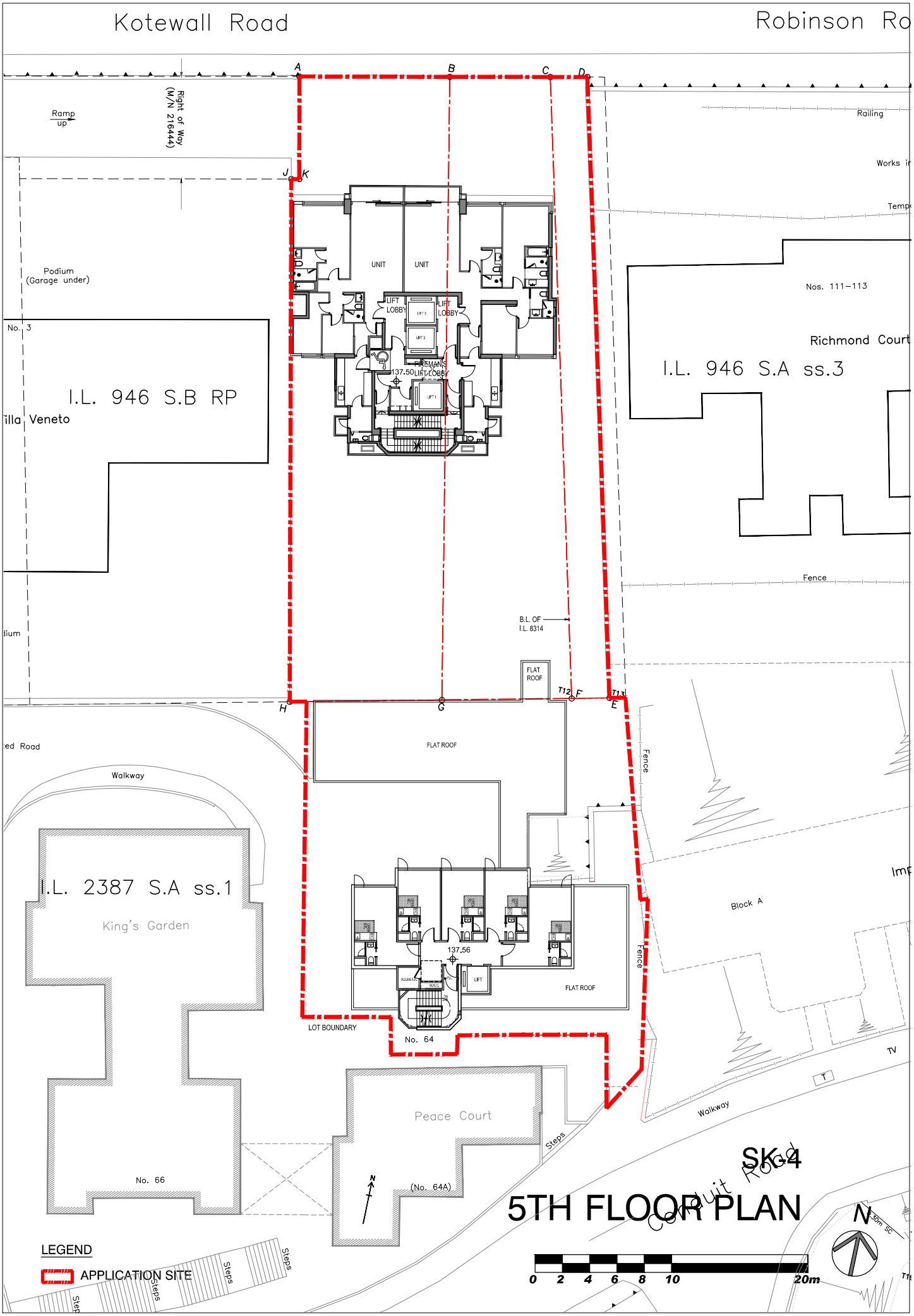
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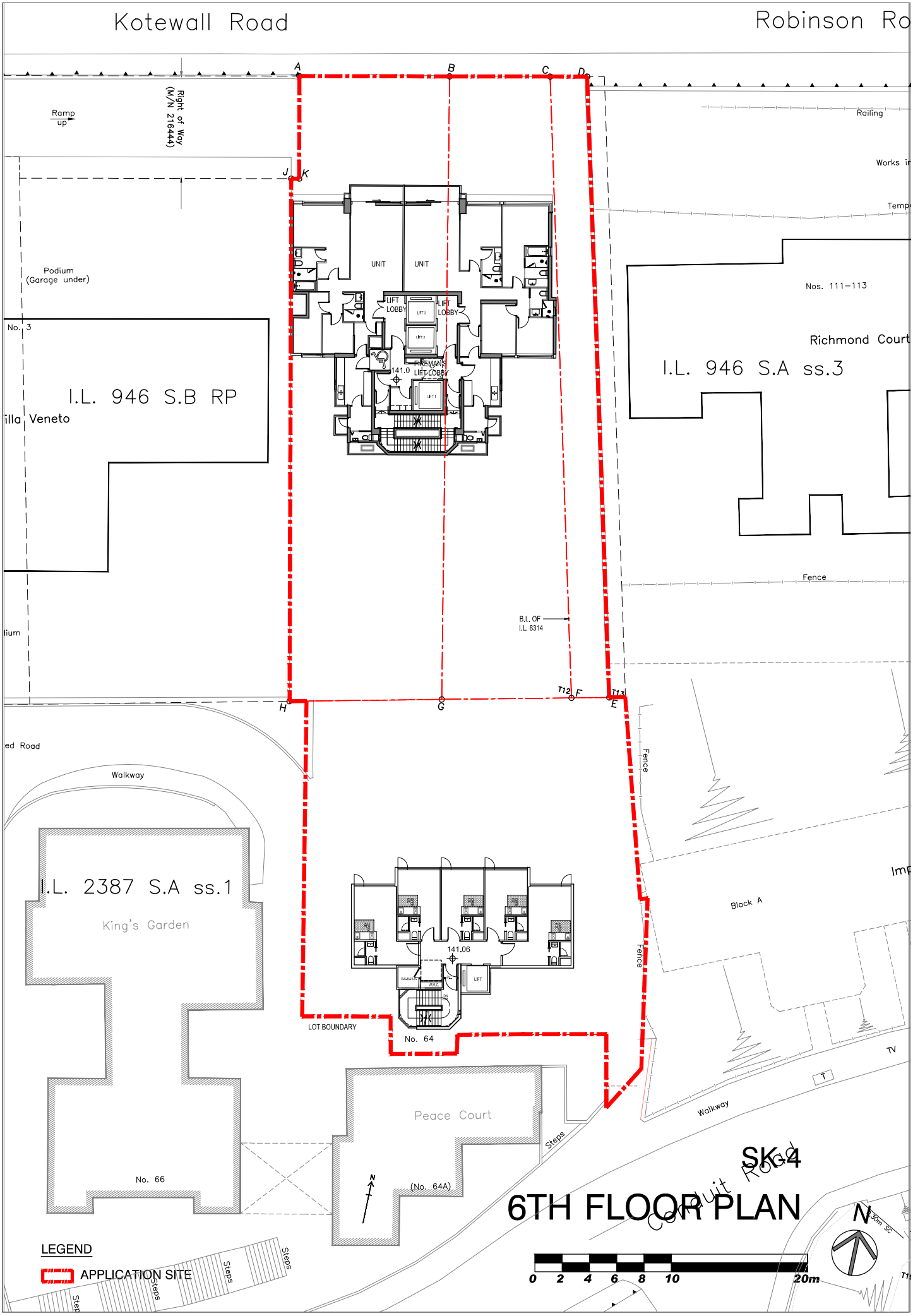
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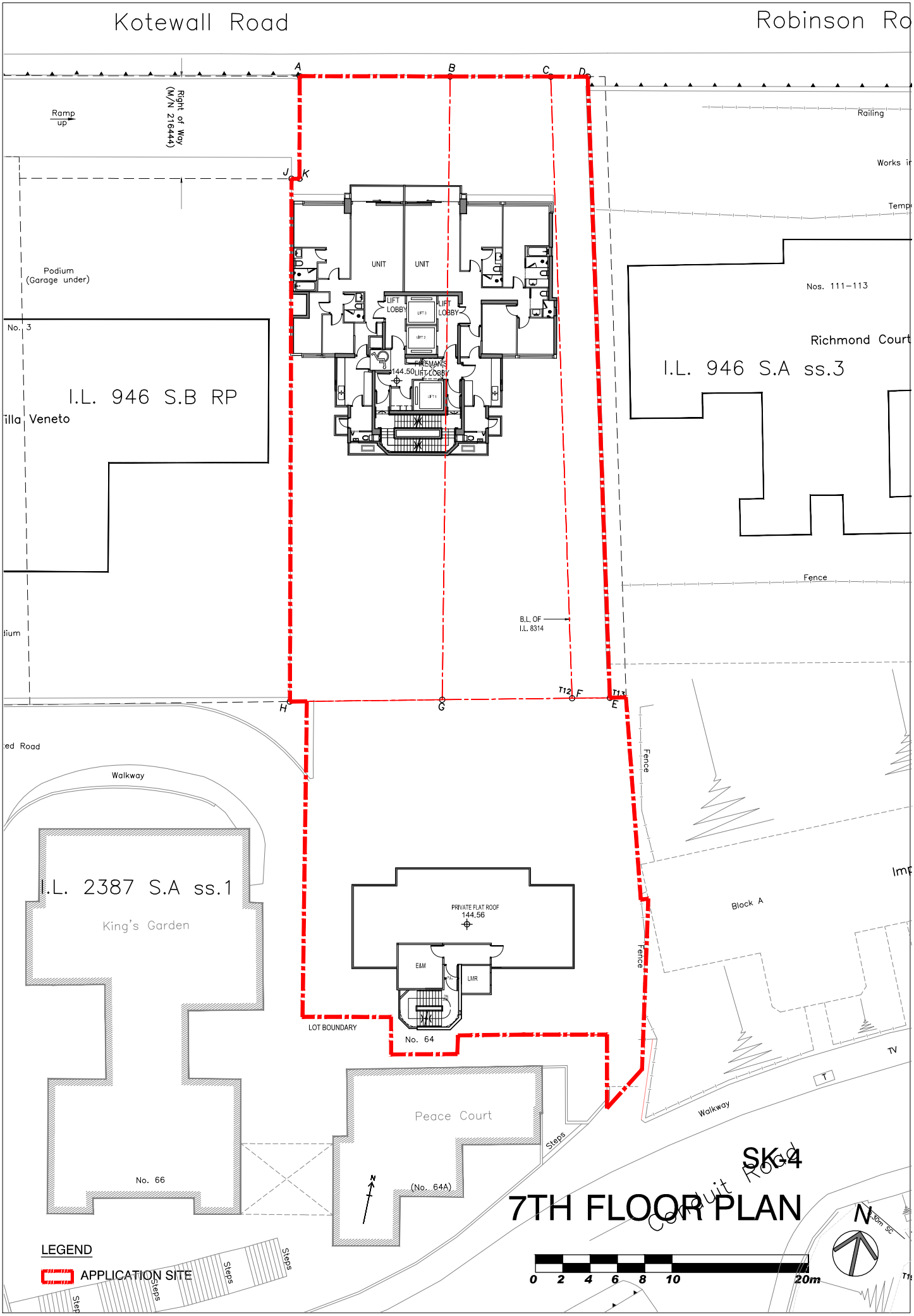
APPLICATION SITE

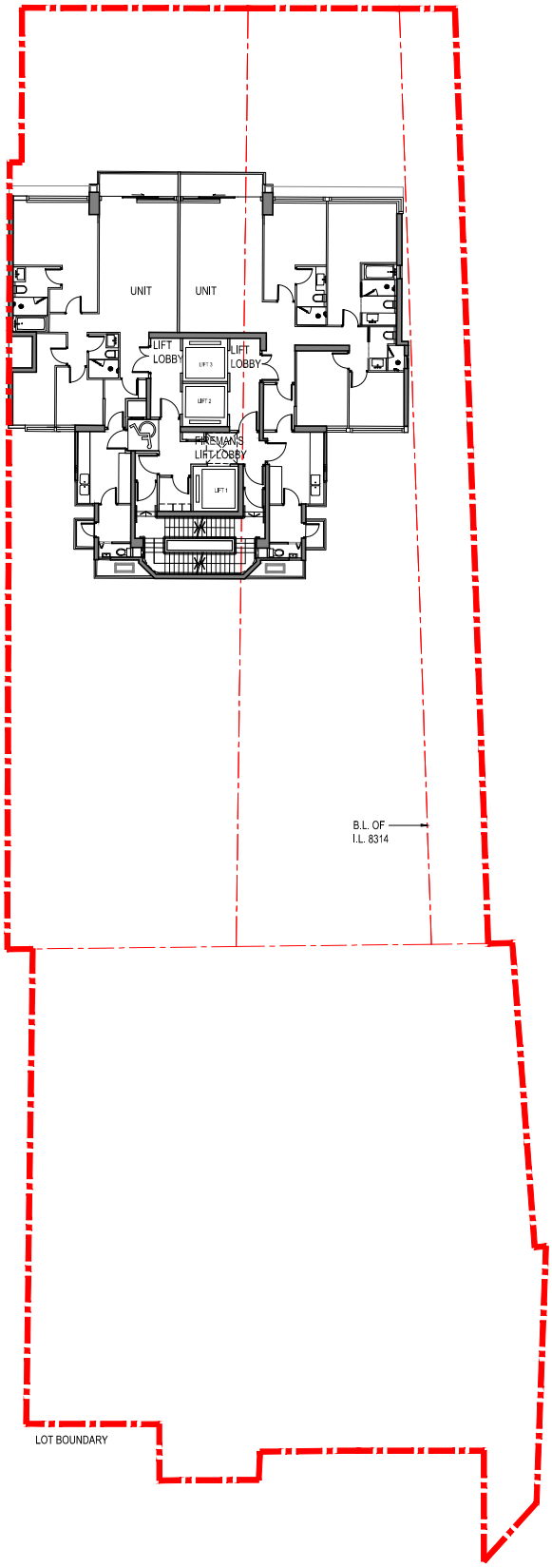
UNEXCAVATED AREA


Kotewall Road
Robinson Ro
Ramp up
Right of Way (M/N 216444)
A
B
C
D
J
K
Railing
Works in
Temp
Podium (Garage under)
UNIT
UNIT
LIFT LOBBY
LIFT LOBBY
FIREMAN'S LIFT LOBBY
134.6
No. 3
I.L. 946 S.B RP
illa Veneto
Nos. 111–113
Richmond Court
I.L. 946 S.A ss.3
Fence
B.L. OF I.L. 8314
LIFT
T12
F
T13
E
H
G
CP-
CARPORT
ed Road
Walkway
VEHICULAR RUN IN/OUT
IN
OUT
COVERED WALKWAY
BUILDING LINE ABOVE
600
132.56
2000
I.L. 2387 S.A ss.1
King's Garden
6.12
CP-
CARPORT
E&M
LOBBY
CP-
E&M
E&M
PD
3483
LOT BOUNDARY
No. 64
Block A
Fence
Peace Court
Steps
No. 66
(No. 64A)
N
TV
T
Walkway
SK4
3RD FLOOR PLAN
LEGEND
APPLICATION SITE
Steps
Steps
Steps
0 2 4 6 8 10 20m
N


Kotewall Road
Robinson Ro
Ramp up
Right of Way (M/N 216444)
A
B
C
D
J
K
Railing
Works in
Temp
Podium (Garage under)
UNIT
UNIT
LIFT LOBBY
LIFT LOBBY
FIREMAN'S LIFT LOBBY
137.50
No. 3
I.L. 946 S.B RP
Villa Veneto
Nos. 111-113
Richmond Court
I.L. 946 S.A ss.3
Fence
B.L. OF I.L. 8314
FLAT ROOF
T12
F
T13
E
H
G
Road
Walkway
FLAT ROOF
Fence
I.L. 2387 S.A ss.1
King's Garden
137.56
LIFT
FLAT ROOF
Block A
LOT BOUNDARY
No. 64
Peace Court
Steps
TV
T
Walkway
No. 66
N
(No. 64A)
SK4
5TH FLOOR PLAN
LEGEND
APPLICATION SITE
Steps
Steps
Steps
0 2 4 6 8 10 20m
N


Kotewall Road
Robinson Ro
Ramp up
Right of Way (M/N 216444)
A
B
C
D
J
K
Railing
Works in
Temp
Podium (Garage under)
UNIT
UNIT
LIFT LOBBY
LIFT LOBBY
FIREMAN'S LIFT LOBBY
141.0
No. 3
I.L. 946 S.B RP
illa Veneto
Nos. 111–113
Richmond Court
I.L. 946 S.A ss.3
Fence
B.L. OF I.L. 8314
ium
T12
F
T13
H
G
E
ed Road
Walkway
Fence
I.L. 2387 S.A ss.1
King's Garden
141.06
LIFT
Block A
Imp
LOT BOUNDARY
No. 64
Fence
TV
T
Walkway
Peace Court
Steps
No. 66
N
(No. 64A)
SK4
6TH FLOOR PLAN
LEGEND
APPLICATION SITE
Steps
Steps
Steps
Steps
0 2 4 6 8 10 20m
N


Kotewall Road
Robinson Ro
Ramp up
Right of Way (M/N 216444)
A
B
C
D
J
K
Railing
Works in
Temp
Podium (Garage under)
UNIT
UNIT
LIFT LOBBY
LIFT LOBBY
FIREMAN'S LIFT LOBBY
144.50
No. 3
I.L. 946 S.B RP
Villa Veneto
Nos. 111–113
Richmond Court
I.L. 946 S.A ss.3
Fence
B.L. OF I.L. 8314
H
G
F
E
T12
T13
Walkway
I.L. 2387 S.A ss.1
King's Garden
PRIVATE FLAT ROOF
144.56
E&M
LMR
LOT BOUNDARY
No. 64
Block A
Fence
Peace Court
Steps
No. 66
(No. 64A)
Walkway
TV
T
LEGEND
APPLICATION SITE
Steps
Steps
Steps
SK4
7TH FLOOR PLAN
N
0 2 4 6 8 10 20m



SK-4

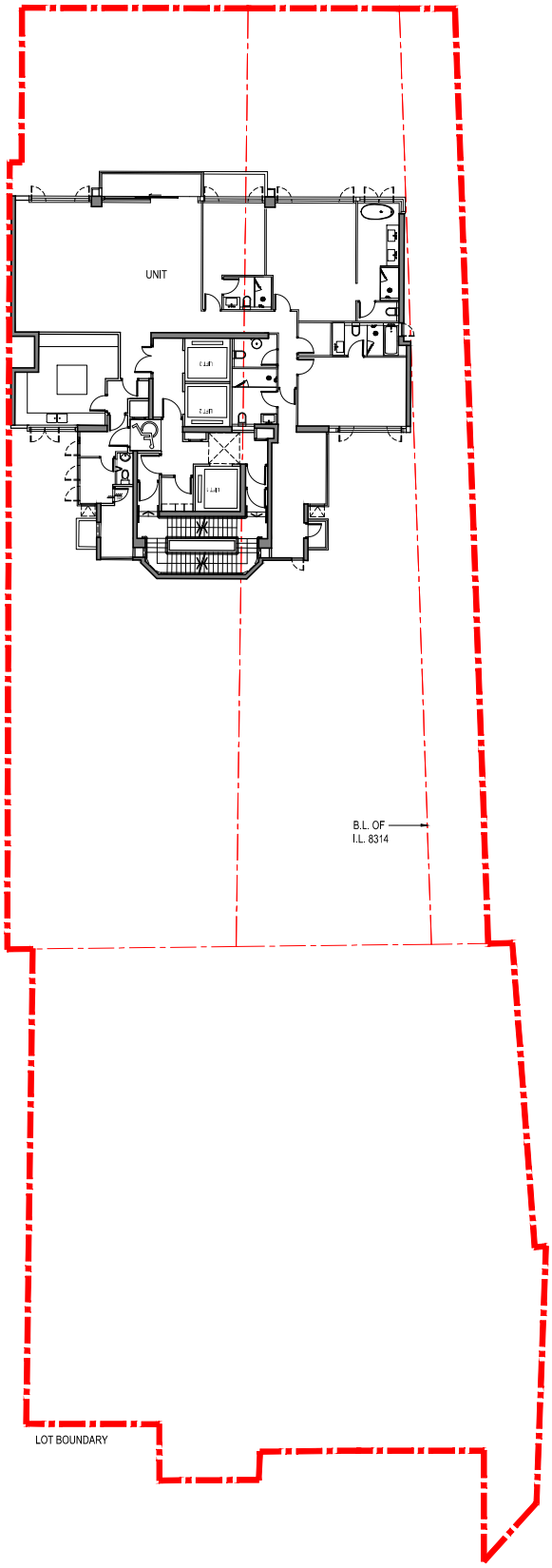
8-12TH FLOOR PLAN

N

LEGEND

APPLICATION SITE

0 2 4 6 8 10 20m



SK-4

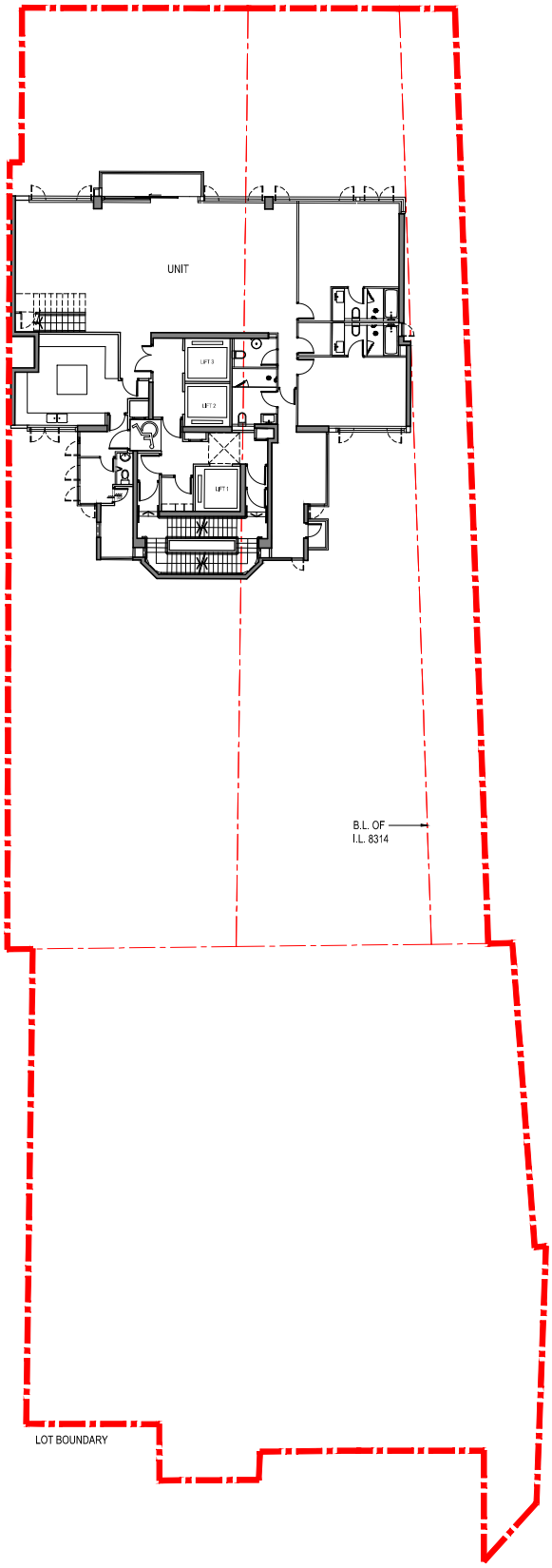
15-30TH FLOOR PLAN

N

LEGEND

APPLICATION SITE

0 2 4 6 8 10 20m



SK-4

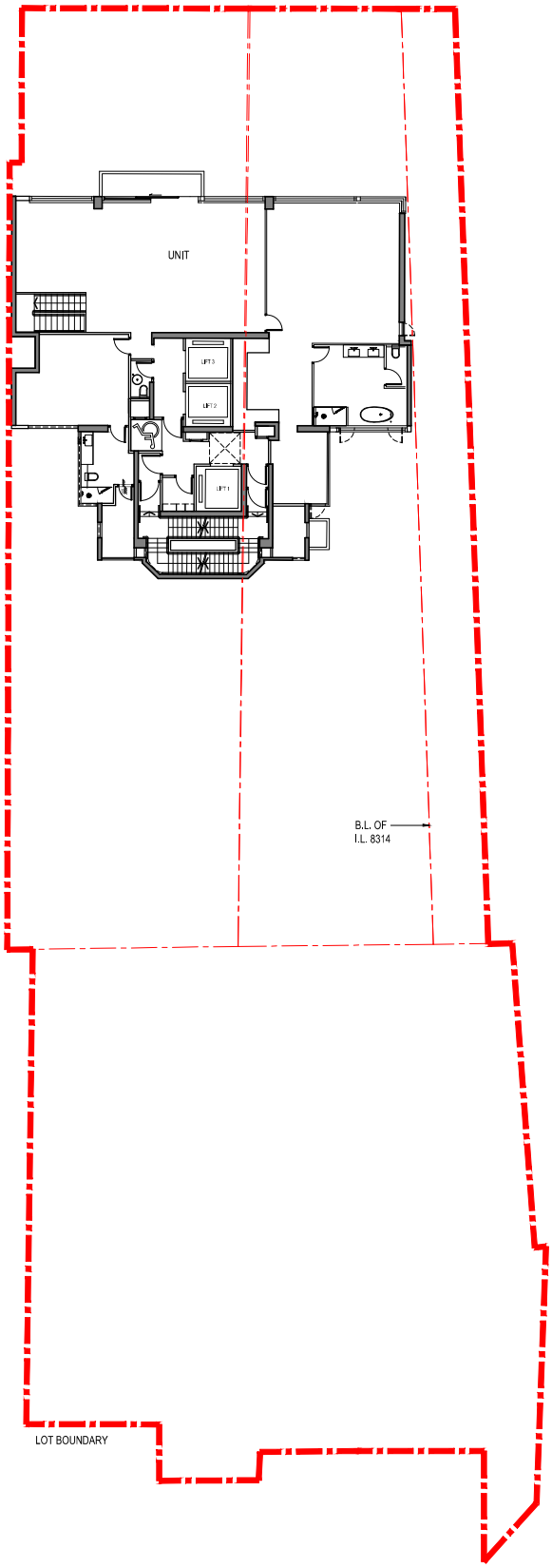
31st FLOOR PLAN

N

LEGEND

APPLICATION SITE

0 2 4 6 8 10 20m



SK-4

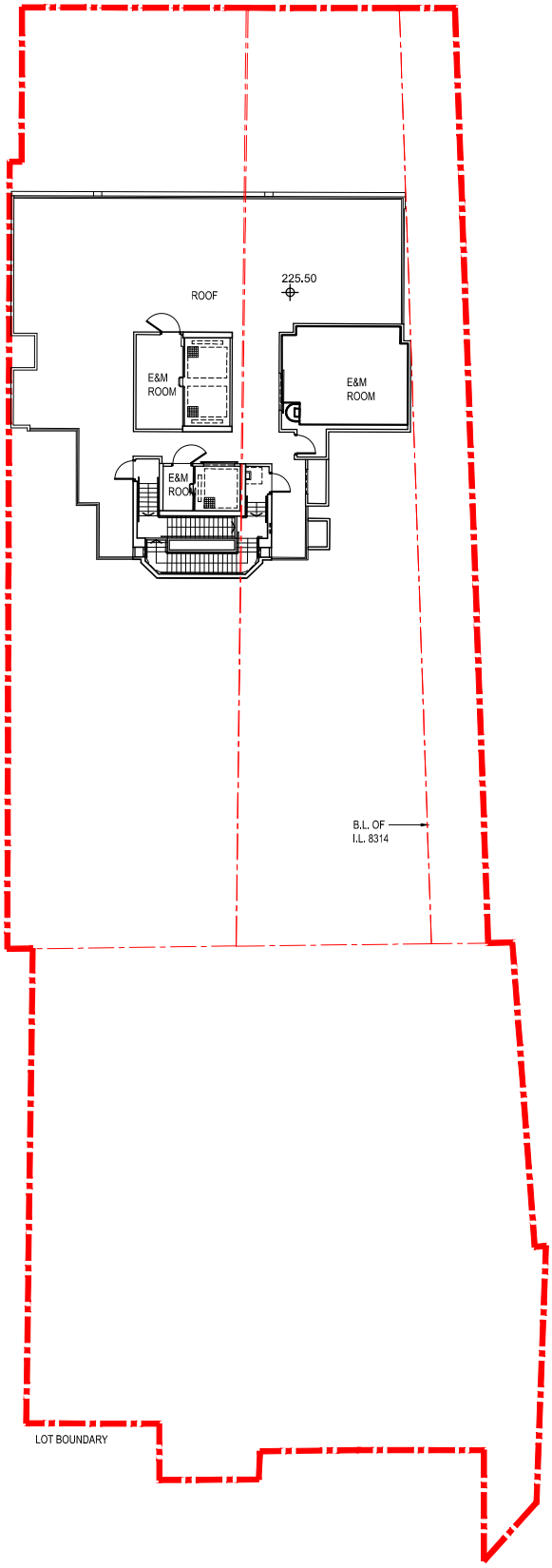
32nd FLOOR PLAN

N

LEGEND

APPLICATION SITE

0 2 4 6 8 10 20m



SK-4

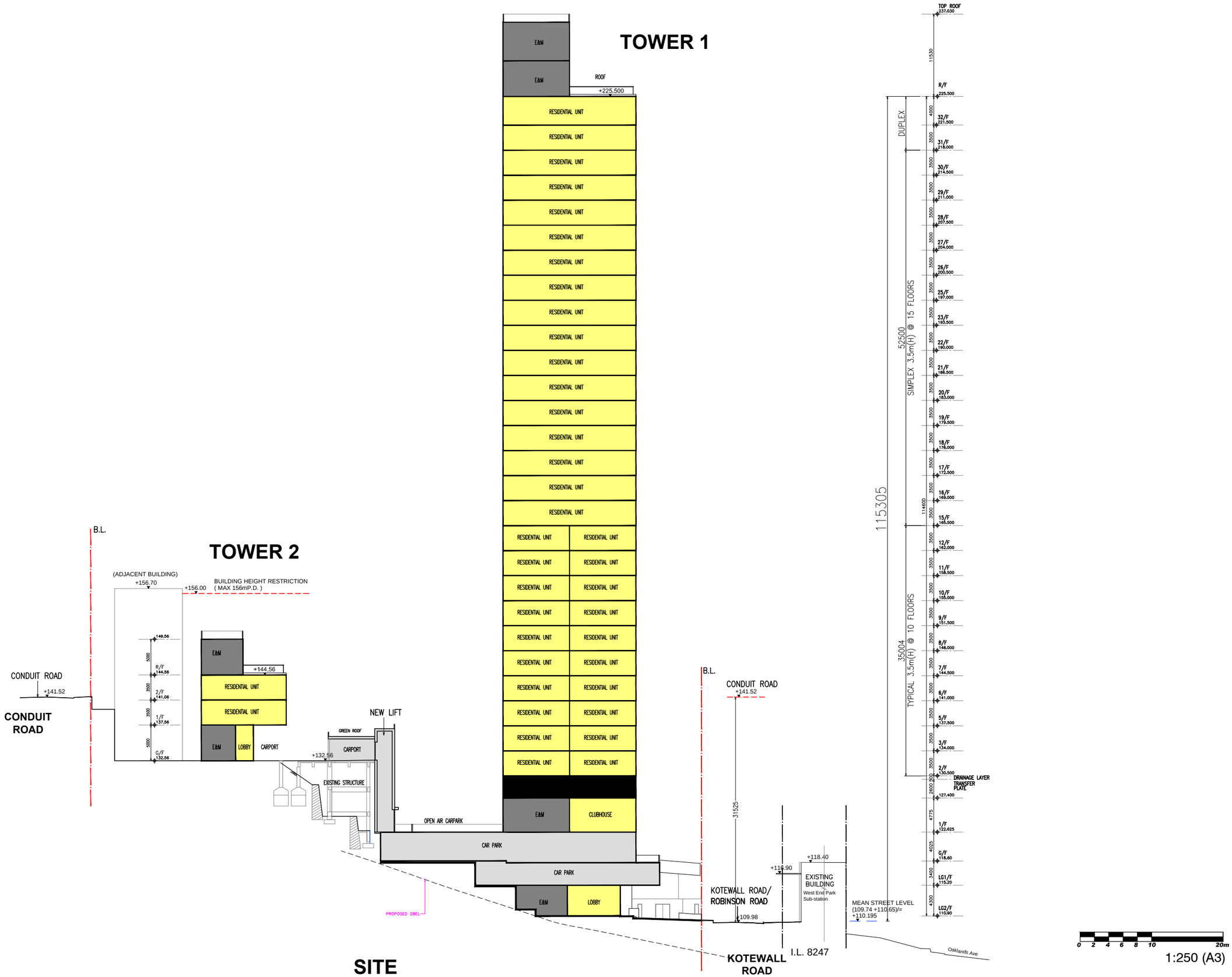
ROOF FLOOR PLAN

N

LEGEND

APPLICATION SITE

0 2 4 6 8 10 20m


TOWER 1
E&M
E&M
ROOF
+225.500
RESIDENTIAL UNIT
RESIDENTIAL UNIT
RESIDENTIAL UNIT

APPENDIX C

Relevant GI Logs at 1-1A Kotewall Road

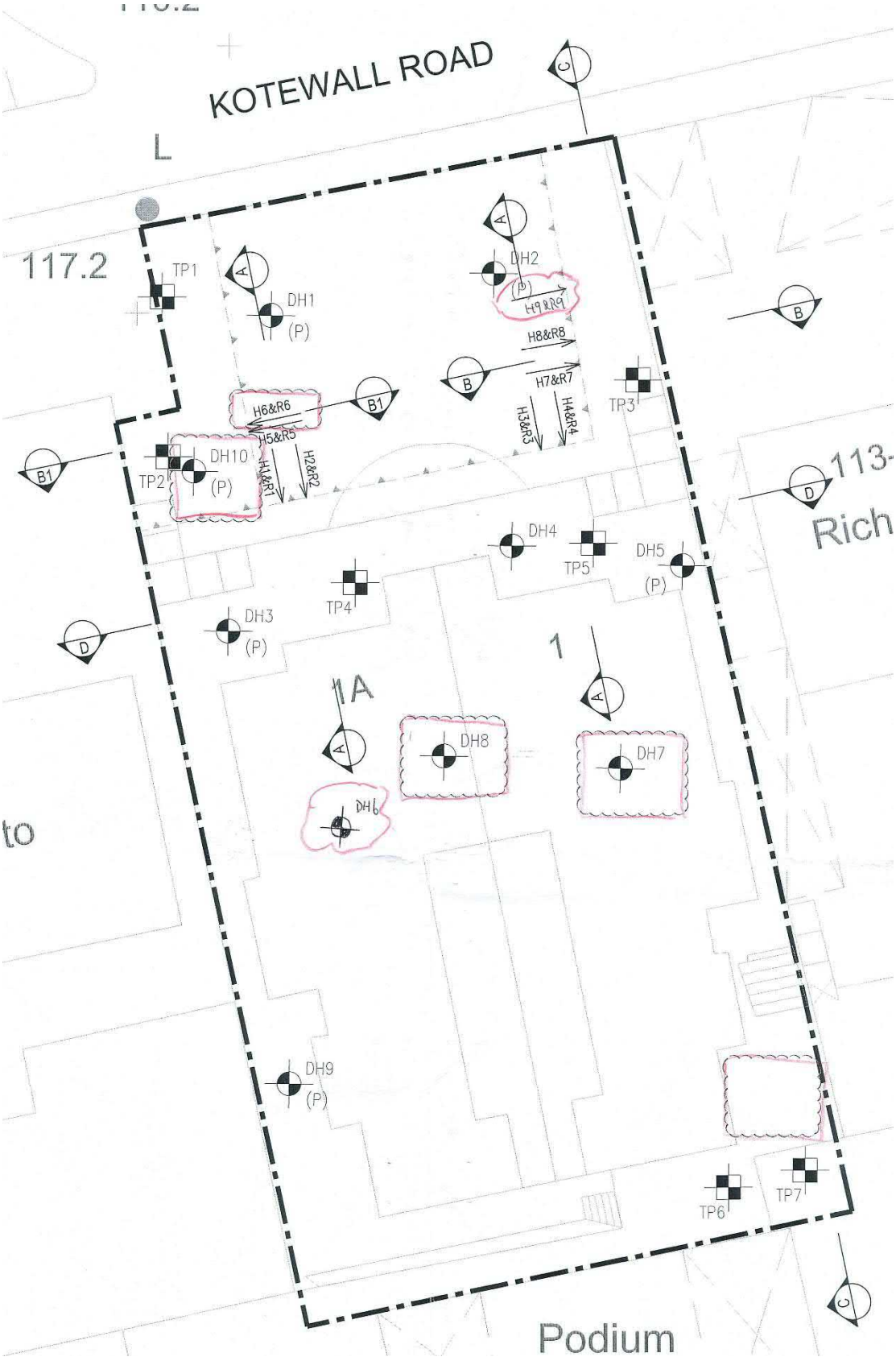


Figure 1. Drillhole Layout Plan

APPENDIX C

Drillhole Records

WING WO GEOTECHNICAL ENG. LIMITED

DRILLHOLE RECORD

HOLE NO. **DH1**

CONTRACT NO.

SHEET **1** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,878.93 N 815,948.20**	W.O. No
MACHINE & No. **CD7**		DATE: **24/06/2022** to **05/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
0									+109.90	0.00			
24.6.22	PX	NA at 08:00											Greyish brown, angular fine to coarse GRAVEL sized rock fragments in a sandy matrix. (FILL)
1								A 0.40 0.50 I.P. B 0.90 1.00 C 1.40 1.50	+108.40	1.50			
			68					T2-101 1.96 2.06	+107.94	1.96			Grey and brown, angular coarse GRAVEL to COBBLE sized rock fragments. (FILL)
2								1					Light greyish brown, silty fine to coarse SAND with many angular fine to medium gravel sized rock fragments. (FILL)
			100					2 3.00 3.10					
3							2, 3 3, 4, 5, 5 N = 17	3 4 3.50 3.55					
								3.70	+106.20	3.70			
			73					T2-101 5 4.00	+105.90	4.00			Brown, angular coarse GRAVEL to COBBLE sized rock fragments. (FILL)
4													Medium dense to dense, greyish to reddish brown, silty fine to coarse SAND with some angular to subangular fine gravel sized rock fragments. (COLLUVIUM)
			100										
5								6 5.00 5.10					
							2, 3 4, 3, 5, 7 N = 19	7 8 5.50 5.55					
6								9 6.00					
			100										
		1.96m at 18:00						10 7.00 7.10					
7								11 7.20					
24.6.22													
25.6.22		1.55m at 08:00					2, 3 4, 5, 5, 7 N = 21	12 7.50 7.55					
8								13 8.00					
			100										
9								14 9.00 9.10					
								15 9.20					
							3, 5 7, 9, 11, 16 N = 43	16 9.50 9.55					
10								17 10.00	+99.90	10.00			

Small Disturbed Sample
Piston Sample
U76 Undisturbed Sample
U100 Undisturbed Sample
Mazier Sample
SPT Liner Sample
Water Sample
Standard Penetration Test
In-situ Vane Shear Test
Permeability Test
Televiewer Survey
Packer Test
Piezometer Tip
Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

One standpipe was installed at 6m.
One piezometer was installed at 16m.
Permeability tests were carried out at 5.60-7.10m and 11.60-13.10m.

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH1**
	CONTRACT NO.	SHEET **2** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,878.93 N 815,948.20**	W.O. No
MACHINE & No. **CD7**		DATE: **24/06/2022** to **05/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
10									+99.90	10.00		V	Extremely weak, brown, dappled grey, completely decomposed medium-grained GRANITE. (Slightly silty fine to coarse SAND with many angular fine gravel)
11			100				3, 6 8, 10, 12, 17 N = 47	18 11.00 11.10 19 11.20 20 11.50 11.55					
12		1.50m at 18:00	100					21 12.00					
13 25.6.22								22 13.00 13.10 23 13.20 24 13.50 13.55					
27.6.22		3.60m at 08:00					3, 4 6, 9, 11, 16 N = 42						
14			100					25 14.00					
15							3, 4 7, 10, 12, 17 N = 46	26 15.00 15.10 27 15.20 28 15.50 15.55					
16			100					29 16.00					
17							3, 5 8, 10, 13, 16 N = 47	30 17.00 17.10 31 17.20 32 17.50 17.55					
18			100					33 18.00					
19							5, 6 8, 11, 15, 17 N = 51	34 19.00 19.10 35 19.20 36 19.50 19.55					
20								37 20.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH1**
	CONTRACT NO.	SHEET **3** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,878.93 N 815,948.20**	W.O. No
MACHINE & No. **CD7**		DATE: **24/06/2022** to **05/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
20									+89.90	20.00		V	As sheet 2 of 7.
21			100				5, 7 9, 13, 15, 19 N = 56	38 21.00 21.10 39 21.20 40 21.50 21.55					
22													
23							5, 8 12, 15, 17, 18 N = 62	41 23.20 42 23.50 23.55					
24													
25							6, 1 13, 15, 17, 22 N = 67	43 25.20 44 25.50 25.55					
26													
27							6, 11 14, 17, 19, 24 N = 74	45 27.20 46 27.50 27.55					
28			100					47 28.00					
29							7, 13 15, 23, 27, 34 N = 99	48 29.00 29.10 49 29.20 50 29.50 29.55					
30	PX 30.00												

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH1**
	CONTRACT NO.	SHEET **4** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,878.93 N 815,948.20**	W.O. No
MACHINE & No. **CD7**		DATE: **24/06/2022** to **05/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
30									+79.90	30.00			
31	HX	3.50m at 18:00					8, 15 17, 27, 35, 40 N = 119	51 31.20 52 31.50 31.55				V	As sheet 3 of 7.
27.6.22													
28.6.22		25.80m at 08:00											
32								32.69	+77.21	32.69			
33			100	99	99	3.4		T2-101				III	Moderately strong, light grey, dappled brown, moderately decomposed medium-grained GRANITE. Joints are medium spaced, roung undulating, iron oxide stained, dipping at 0-10° and 50-60°. (CORESTONE)
								33.86	+76.04	33.86			
34							50/50mm 200/40mm N=200	53 34.04 34.09 34.16	+75.74	34.16		IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular to subangular fine to medium GRAVEL)
			100	100	100	1.8		T2-101				III	Moderately strong, light grey, moderately decomposed medium-grained GRANITE. Joints are widely spaced, roung undulating, iron oxide stained, dipping at 0-10°. (CORESTONE)
35								35.26 35.32 35.37	+74.64	35.26			
							50/40mm 200/30mm N=200	54				IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL in a sandy matrix)
36			100					55 36.00 56 36.50 36.60	+73.29	36.61			
			100	100	100	4.9		T2-101				III	Moderately strong, light grey, dappled brown, moderately decomposed medium-grained GRANITE. Joints are medium to closely spaced, roung undulating, iron oxide stained, dipping at 0-10° and 30-40°. (CORESTONE)
37								38.15					
38			100	100	100			T2-101 38.45 38.54 38.59	+71.45	38.45			
							50/50mm 200/40mm N=200	57				IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular fine GRAVEL)
39								39.20	+70.70	39.20			
			100	100	98	3.5		T2-101				III	Moderately strong, grey, dappled brown, moderately decomposed medium-grained GRANITE. Joints are medium spaced, roung undulating, iron oxide stained, dipping at 0-10°, 20-30° and 50-60°. (CORESTONE)
40													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH1**
	CONTRACT NO.	SHEET **5** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,878.93 N 815,948.20**	W.O. No
MACHINE & No. **CD7**		DATE: **24/06/2022** to **05/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
40									+69.90	40.00			
			100	100	98	3.5		T2-101 40.62 T2-101 41.22				III	As sheet 4 of 7.
41			100	93	93				+68.68	41.22			
							50/40mm 200/30mm N=200	58 41.32 41.37				IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL)
42													
43							50/50mm 200/40mm N=200	59 43.34 43.39					
44			98	81	24	8.9		43.86 T2-101	+66.04	43.86		III	Moderately strong, brownish grey, dappled brown, moderately decomposed medium-grained GRANITE. Joints are closely spaced, roung undulating, iron oxide stained, dipping at 0-10°, 20-30° and 70-80°. (CORESTONE)
							50/40mm 200/30mm N=200	60 44.76 44.87	+65.14	44.76		IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL)
45													
46													
47							50/60mm 200/40mm N=200	61 46.85 46.90					
48													
28.6.22		13.80m at 18:00											
29.6.22 49		11.40m at 08:00					50/50mm 200/40mm N=200	62 48.83 48.89					
50			78	68	60			49.87 T2-101	+60.03	49.87			

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH1**
	CONTRACT NO.	SHEET **6** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,878.93 N 815,948.20**	W.O. No
MACHINE & No. **CD7**		DATE: **24/06/2022** to **05/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
50						7.4			+59.90	50.00		III/IV	Moderately strong to moderately weak, brownish grey, moderately to highly decomposed medium-grained GRANITE. Joints are closely spaced, roung undulating, iron oxide stained, dipping at 0-10°, 20-30° and 70-80°. (CORESTONE)
			76	68	60	7.4		T2-101					As sheet 5 of 7.
51								51.09	+58.81	51.09		III	Moderately strong, brownish grey, moderately decomposed medium-grained GRANITE. Joints are medium spaced, roung undulating, iron oxide stained, dipping at 0-10°, 40-50° and 70-80°. (CORESTONE)
			100	99	92			T2-101					
52								52.56					
			100	98	95	4.9		T2-101					
53								53.88					
			100	98	92			T2-101					
54								54.53	+55.37	54.53		IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL)
							50/50mm 200/40mm N=200	63 54.84 54.89					
55													
56		12.80m at 18:00											
29.6.22							50/60mm 200/40mm N=200	64 56.65 56.70					
30.6.22		27.00m at 08:00											
57													
58		26.50m at 18:00											
30.6.22							50/40mm 200/20mm N=200	65 58.61 58.66					
4.7.22		27.65m at 08:00											
59	HX 59.29							59.29	+50.61	59.29		II	Strong, grey, slightly decomposed medium-grained GRANITE. Joints are medium spaced, roung undulating, iron oxide stained, dipping at 0-10° and 20-30°.
			100	98	98	2.6		T2-101					
60													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH1**
	CONTRACT NO.	SHEET **7** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,878.93 N 815,948.20**	W.O. No
MACHINE & No. **CD7**		DATE: **24/06/2022** to **05/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
60									+49.90	60.00			
61			100	100	100			60.13 T2-101 61.67				II	As sheet 6 of 7.
62			100	100	93	2.6		T2-101 63.12					
63													
64			100	100	100			T2-101 64.61	+45.29	64.61			
4.7.22		26.40m at 18:00											
65													End of Investigation Hole at 64.61m.
66													
67													
68													
69													
70													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH2**
	CONTRACT NO.	SHEET **1** of **5**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.18 N 815,949.90**	W.O. No
MACHINE & No. **CD7**		DATE: **15/06/2022** to **20/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
0									+109.90	0.00			
15.6.22	PX	NA at 08:00						A 0.40 0.50; B 0.90 1.00; C 1.40 1.50 (I.P.)	+108.40	1.50			Greyish brown, angular fine to medium GRAVEL sized rock fragments in a sandy matrix. (FILL)
1													
2			67					T2-120					Grey and brown, angular coarse GRAVEL to COBBLE sized rock and concrete fragments. (FILL)
3			72					3.00; T2-120					
4			90					1 3.97 4.00	+105.93	3.97			Medium dense to dense, greyish brown, silty fine to coarse SAND with some angular to subangular fine to medium gravel sized rock fragments. (COLLUVIUM)
5							1, 2 2, 3, 3, 4 N = 12	2 5.00 5.10; 3 5.20; 4 5.50 5.55					
6			100					5 6.00					
7							2, 3 4, 5, 5, 8 N = 22	6 7.00 7.10; 7 7.20; 8 7.50 7.55					
8			95					9 8.00					
9							3, 4 6, 8, 12, 16 N = 42	10 9.00 9.10; 11 9.20; 12 9.50 9.55					
10								13 10.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **20/06/2022**

CHECKED **M/P.CHAN**

DATE **21/06/2022**

REMARKS

One standpipe was installed at 6m.

One piezometer was installed at 16m.

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH2**
	CONTRACT NO.	SHEET **2** of **5**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.18 N 815,949.90**	W.O. No
MACHINE & No. **CD7**		DATE: **15/06/2022** to **20/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
10									+99.90	10.00			As sheet 1 of 5.
11			100				3, 5 5, 9, 13, 17 N = 44	14 11.00 11.10 15 11.20 16 11.50 11.55					
12			100					17 12.00	+97.90	12.00		V	Extremely weak, brownish grey, completely decomposed medium-grained GRANITE. (Silty fine to coarse SAND with many angular fine gravel)
13			100				3, 4 6, 8, 11, 14 N = 39	18 13.00 13.10 19 13.20 20 13.50 13.55					
14			100					21 14.00					
15							3, 4 4, 7, 11, 15 N = 37	22 15.00 15.10 23 15.20 24 15.50 15.55					
16			100					25 16.00					
17							4, 5 7, 7, 12, 17 N = 43	26 17.00 17.10 27 17.20 28 17.50 17.55					
18			100					29 18.00					
19 15.6.22 16.6.22		7.50m at 18:00 27.50m at 08:00					5, 7 9, 12, 16, 18 N = 55	30 19.00 19.10 31 19.20 32 19.50 19.55					
20	PX 20.00							33 20.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **20/06/2022**

CHECKED **M/P.CHAN**

DATE **21/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH2**
	CONTRACT NO.	SHEET **3** of **5**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.18 N 815,949.90**	W.O. No
MACHINE & No. **CD7**		DATE: **15/06/2022** to **20/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
20	HX		95				5, 8 10, 14, 16, 19 N = 59	34 21.00 21.10 35 21.20 36 21.50 21.55	+89.90	20.00		V	As sheet 2 of 5.
21													
22													
23							6, 9 13, 15, 15, 18 N = 61	37 23.20 38 23.50 23.55					
24													
25							6, 10 13, 16, 18, 20 N = 67	39 25.20 40 25.50 25.55	+84.80	25.10		IV	Very weak, light brownish grey, highly decomposed medium-grained GRANITE. (Angular to subangular fine to coarse GRAVEL)
26													
27							6, 10 13, 16, 19, 24 N = 72	41 27.20 42 27.50 27.55					
28			100					43 28.00					
29							7, 12 15, 25, 28, 35 N = 103	44 29.00 29.10 45 29.20 46 29.50 29.55					
30													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **20/06/2022**

CHECKED **M/P.CHAN**

DATE **21/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH2**
	CONTRACT NO.	SHEET **4** of **5**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.18 N 815,949.90**	W.O. No
MACHINE & No. **CD7**		DATE: **15/06/2022** to **20/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
30									+79.90	30.00		IV	As sheet 3 of 5.
31							9, 15 21, 29, 36, 42 N = 128	47 31.20 48 31.50 31.55					
32													
33							50/50mm 200/40mm N=200	49 33.14 33.19					
								33.56	+76.34	33.56		III	Moderately strong, light grey, dappled brown, moderately decomposed medium-grained GRANITE. Joints are medium spaced, roung undulating, iron oxide stained, dipping at 0-10° and 50-60°. (CORESTONE)
34			90	84	84	4.0		T2-101 34.06	+75.84	34.06		V	Wash boring. Inferred to be completely decomposed medium-grained GRANITE.
								34.60	+75.30	34.60		III	Moderately strong, light grey, dappled brown, moderately decomposed medium-grained GRANITE. Joints are closely spaced, roung undulating, iron oxide stained, dipping at 0-10°. (CORESTONE)
35			94	94	62	7.0		T2-101 35.25					
							50/50mm 200/40mm N=200	50 35.64 35.69	+74.30	35.60		IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL)
36								51 36.00					
			100										
37								52 37.00 37.10					
38							50/70mm 200/50mm N=200	53 37.67 37.72					
39	HX 39.47												
								39.47	+70.43	39.47		III	Moderately strong, light grey, dappled brown, moderately decomposed medium-grained GRANITE. Joints are closely spaced, roung undulating, iron oxide stained, dipping at
40			100	97	88	5.7		T2-101					

● Small Disturbed Sample
□ Piston Sample
▨ U76 Undisturbed Sample
■ U100 Undisturbed Sample
▨ Mazier Sample
▯ SPT Liner Sample
△ Water Sample

↓ Standard Penetration Test
V In-situ Vane Shear Test
⊥ Permeability Test
○ Televiewer Survey
□ Packer Test
▲ Piezometer Tip
△ Standpipe Tip

LOGGED **H.S.TSANG**
DATE **20/06/2022**
CHECKED **M/P.CHAN**
DATE **21/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH2**
	CONTRACT NO.	SHEET **5** of **5**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.18 N 815,949.90**	W.O. No
MACHINE & No. **CD7**		DATE: **15/06/2022** to **20/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+109.90** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
40									+69.90	40.00			
16.6.22		8.00m at 18:00	100	97	88			T2-101 40.63				III	10-20°, 30-40° and 60-70°.
17.6.22		27.50m at 08:00											
41			100	100	96			T2-101					
42								42.04					
			96	95	95	5.7		T2-101					
43								43.50					
44													
			100	92	83			T2-101					
17.6.22		7.50m at 18:00						44.95	+64.95	44.95			
45													End of Investigation Hole at 44.95m.
46													
47													
48													
49													
50													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **20/06/2022**

CHECKED **M/P.CHAN**

DATE **21/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH3**
	CONTRACT NO.	SHEET **1** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,877.16 N 815,935.16**	W.O. No
MACHINE & No. **R2**		DATE: **15/06/2022** to **22/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
0									+119.21	0.00			
15.6.22	PX	NA at 08:00						A 0.40 0.50 I.P. B 0.90 1.00 C 1.40 1.50					Greyish brown, angular fine to coarse GRAVEL sized rock fragments in a sandy matrix. (FILL)
									+117.53	1.68			
			52					T2-120					Grey and brown, angular coarse GRAVEL to COBBLE sized rock and concrete fragments. (FILL)
								2.85	+116.36	2.85			
								3.03	+116.18	3.03			Wash boring. Inferred to be FILL.
			63					T2-120					Grey and brown, angular coarse GRAVEL to COBBLE sized rock and concrete fragments. (FILL)
								4.15	+115.06	4.15			
								4.32	+114.89	4.32			Wash boring. Inferred to be FILL.
			52					T2-120					Grey and brown, angular coarse GRAVEL to COBBLE sized rock and concrete fragments. (FILL)
								5.51	+113.70	5.51			
								5.68	+113.53	5.68			Wash boring. Inferred to be FILL.
			36					T2-120					Grey and brown, angular coarse GRAVEL to BOULDER sized rock and concrete fragments. (FILL)
								6.90	+112.31	6.90			
								7.18	+112.03	7.18			Wash boring. Inferred to be FILL.
			67					T2-120					Grey and brown, angular medium to coarse GRAVEL to COBBLE sized rock fragments. (COLLUVIUM)
								8.42	+110.79	8.42			
								8.60	+110.61	8.60			Wash boring. Inferred to be COLLUVIUM.
			50					T2-120					Grey and brown, angular medium to coarse GRAVEL to COBBLE sized rock fragments. (COLLUVIUM)
								9.81	+109.40	9.81			
								9.97	+109.24	9.97			Wash boring. Inferred to be COLLUVIUM.

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **22/06/2022**

CHECKED **M/P.CHAN**

DATE **23/06/2022**

REMARKS

One standpipe was installed at 12m.

One piezometer was installed at 20m.

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH3**
	CONTRACT NO.	SHEET **2** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,877.16 N 815,935.16**	W.O. No
MACHINE & No. **R2**		DATE: **15/06/2022** to **22/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
10									+109.21	10.00			Grey and brown, angular medium to coarse GRAVEL to BOULDER sized rock fragments. (COLLUVIUM) As sheet 1 of 8.
11			56					T2-120					
			93					11.31 T2-120 11.60	+107.61	11.60		V	Extremely weak, light brownish grey, completely decomposed medium-grained GRANITE. (Silty fine to coarse SAND with many angular fine gravel)
12								1 12.00					
			100										
13		7.50m at 18:00						2 13.00 13.10 3 13.20					
15.6.22													
16.6.22		9.00m at 08:00					3, 4 4, 5, 6, 8 N = 23	4 13.50 13.55					
14								5 14.00					
			100										
15								6 15.00 15.10 7 15.20					
							4, 5 11, 11, 14, 15 N = 51	8 15.50 15.55					
16								9 16.00					
			100										
17								10 17.00 17.10 11 17.20					
							6, 8 13, 14, 17, 18 N = 62	12 17.50 17.55					
18								13 18.00					
			100										
19								14 19.00 19.10 15 19.20					
							5, 9 14, 18, 21, 28 N = 81	16 19.50 19.55					
20								17 20.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **22/06/2022**

CHECKED **M/P.CHAN**

DATE **23/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH3**
	CONTRACT NO.	SHEET **3** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,877.16 N 815,935.16**	W.O. No
MACHINE & No. **R2**		DATE: **15/06/2022** to **22/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
20									+99.21	20.00		V	As sheet 2 of 8.
21			100				11, 11 15, 21, 28, 31 N = 95	18 21.00 21.10 19 21.20 20 21.50 21.55					
22													
23							8, 12 17, 22, 30, 32 N = 101	21 23.20 22 23.50 23.55					
24													
25							11, 14 17, 24, 31, 23 N = 95	23 25.20 24 25.50 25.55					
26													
27							9, 13 18, 26, 34, 58 N = 136	25 27.20 26 27.50 27.55					
28			100					27 28.00					
29							12, 17 21, 27, 34, 49 N = 131	28 29.00 29.10 27 29.20 28 29.50 29.55					
30	PX 30.00												

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **22/06/2022**

CHECKED **M/P.CHAN**

DATE **23/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH3**
	CONTRACT NO.	SHEET **4** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,877.16 N 815,935.16**	W.O. No
MACHINE & No. **R2**		DATE: **15/06/2022** to **22/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
30	HX								+89.21	30.00		V	As sheet 3 of 8.
31		7.80m at 18:00 16.6.22											
		9.90m at 08:00 17.6.22					13, 16 23, 30, 35, 48 N = 136	29 31.20 30 **31.50** 31.55					
32													
33							15, 18 22, 32, 45, 51 N = 150	31 33.20 32 **33.50** 33.55					
34													
35							14, 16 22, 35, 41, 56 N = 154	33 35.20 34 **35.50** 35.55					
36			100					35 36.00					
37							17, 18 21, 32, 45, 57 N = 155	36 **37.00** 37.10 37 37.20 38 **37.50** 37.55					
38													
39							8, 8 10, 11, 25, 30 N = 76	39 39.20 40 **39.50** 39.55					
40													

● Small Disturbed Sample
□ Piston Sample
▨ U76 Undisturbed Sample
■ U100 Undisturbed Sample
▨ Mazier Sample
▯ SPT Liner Sample
△ Water Sample

↓ Standard Penetration Test
V In-situ Vane Shear Test
⊥ Permeability Test
○ Televiewer Survey
□ Packer Test
▲ Piezometer Tip
△ Standpipe Tip

LOGGED **H.S.TSANG**
DATE **22/06/2022**
CHECKED **M/P.CHAN**
DATE **23/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH3**
	CONTRACT NO.	SHEET **5** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,877.16 N 815,935.16**	W.O. No
MACHINE & No. **R2**		DATE: **15/06/2022** to **22/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
40									+79.21	40.00		V	As sheet 4 of 8.
41		7.60m at 18:00 17.6.22					6, 10 12, 15, 24, 32 N = 83	41 41.20 42 41.50 41.55					
		9.00m at 08:00 18.6.22											
42													
43							9, 12 18, 24, 33, 35 N = 110	43 43.20 44 43.50 43.55					
44			100					45 44.00					
45								46 45.00 45.10	+74.21	45.00		IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular to subangular fine to coarse GRAVEL)
							11, 15 25, 28, 34, 53 N = 140	47 45.20 48 45.50 45.55					
46													
47							13, 18 25, 31, 32, 56 N = 144	49 47.20 50 47.50 47.55					
48													
49							13, 22 31, 43, 44, 57 N = 175	51 49.20 52 49.50 49.55					
50													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **22/06/2022**

CHECKED **M/P.CHAN**

DATE **23/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH3**
	CONTRACT NO.	SHEET **6** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,877.16 N 815,935.16**	W.O. No
MACHINE & No. **R2**		DATE: **15/06/2022** to **22/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
50									+69.21	50.00		IV	As sheet 5 of 8.
51							10, 28 31, 34, 42, 51 N = 158	53 51.20 54 51.50 51.55					
52			100					55 52.00					
53							13, 24 31, 43, 56, 64 N = 194	56 53.00 53.10 57 53.20 58 53.50 53.55					
54													
55							17, 25 31, 45, 55, 67 N = 198	59 55.20 60 55.50 55.55					
56													
57		7.70m at 18:00											
18.6.22													
19.6.22		9.10m at 08:00					18,32/50mm 69,131/110mm N=200	61 57.10 57.15					
58													
59							24,26/50mm 72,128/110mm N=200	62 59.25 59.30					
60								63 60.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **22/06/2022**

CHECKED **M/P.CHAN**

DATE **23/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH3**
	CONTRACT NO.	SHEET **7** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,877.16 N 815,935.16**	W.O. No
MACHINE & No. **R2**		DATE: **15/06/2022** to **22/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
60									+59.21	60.00		IV	As sheet 6 of 8.
61			100				24,26/80mm 98,102/110mm N=200	64 61.00 61.10 65 61.25 61.30					
62													
63							50/60mm 200/50mm N=200	66 63.16 63.21					
64													
65	HX 65.46						50 200/60mm N=200	67 65.14 65.16					
								65.46	+53.75	65.46		III	Moderately strong, light grey, locally dappled brown, moderately decomposed medium-grained GRANITE. Joints are medium to closely spaced, roung undulating, iron oxide stained, dipping at 0-10°, 20-30° and 40-50°.
66		7.90m at 18:00	100	98	82			T2-101 66.36					
19.6.22 21.6.22 67		9.40m at 08:00 7.80m at 18:00	100	99	75	6.3		T2-101 67.36					
21.6.22 22.6.22 68		9.08m at 08:00	100	97	87			T2-101 68.54					
69			99	99	99	2.6		T2-101					
70													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **22/06/2022**

CHECKED **M/P.CHAN**

DATE **23/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH3**
	CONTRACT NO.	SHEET **8** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,877.16 N 815,935.16**	W.O. No
MACHINE & No. **R2**		DATE: **15/06/2022** to **22/06/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
70									+49.21	70.00			
71 22.6.22		7.50m at 18:00	100	99	93	2.6		70.07 T2-101 71.32	+47.89	71.32		III	As sheet 7 of 8.
72													End of Investigation Hole at 71.32m.
73													
74													
75													
76													
77													
78													
79													
80													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **22/06/2022**

CHECKED **M/P.CHAN**

DATE **23/06/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH4**
	CONTRACT NO.	SHEET **1** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.94 N 815,938.65**	W.O. No
MACHINE & No. **CD8**		DATE: **25/06/2022** to **05/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
0									+119.21	0.00			
25.6.22	PX							A 0.40 0.50 I.P. B 0.90 1.00 C 1.40 1.50	+117.71	1.50			Greyish brown, angular fine to coarse GRAVEL sized rock fragments in a sandy matrix. (FILL)
1								1.70 T2-101 2.95					Grey and brown, angular COBBLES and BOULDER sized rock and concrete fragments. (FILL)
2			58					3.20 T2-101 4.58					
3													
4			58					4.90 T2-101 5.80					
5			100										
6		DRY at 08:00	35					T2-101 7.00	+112.21	7.00			
27.6.22								7.18	+112.03	7.18			Wash boring. Inferred to be FILL.
27.6.22		DRY at 08:00	82					T2-101 7.79	+111.42	7.79			Brown, angular medium to coarse GRAVEL and COBBLE sized rock fragments. (COLLUVIUM)
8			100					1 8.00					Dense, yellowish brown, silty fine to coarse SAND with some angular to subangular fine to medium gravel sized rock fragments. (COLLUVIUM)
9							4, 5 6, 8, 8, 10 N = 32	2 9.00 9.10 3 9.20 4 9.50 9.55					
10			76					9.80 T2-101	+109.41	9.80			Brown and grey, subangular COBBLES sized rock

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

Permeabiliy tests were carried out at 4.0-5.50m, 10.0-11.50m and 16.0-17.50m.

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH4**
	CONTRACT NO.	SHEET **2** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.94 N 815,938.65**	W.O. No
MACHINE & No. **CD8**		DATE: **25/06/2022** to **05/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
10									+109.21	10.00			fragments. (COLLUVIUM)
11			76					T2-101 11.25					
12			70					T2-101 12.60					
13		8.10m at 18:00	71					T2-101					
27.6.22 14		10.30m at 08:00						5 14.00	+105.21	14.00			Medium dense to dense, brown and grey, silty fine to coarse SAND wtih many angular fine to medium gravel sized rock fragments. (COLLUVIUM)
15			100				5, 8 12, 13, 14, 14 N = 53	6 15.00 15.10 7 15.20 8 15.50 15.55					
16			100					9 16.00					
17							3, 5 7, 7, 9, 13 N = 36	10 17.00 17.10 11 17.20 12 17.50 17.55					
18			100					13 18.00					
19							4, 6 9, 12, 13, 15 N = 49	14 19.00 19.10 15 19.20 16 19.50 19.55					
20								17 20.00	+99.21	20.00			

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH4**
	CONTRACT NO.	SHEET **3** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.94 N 815,938.65**	W.O. No
MACHINE & No. **CD8**		DATE: **25/06/2022** to **05/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
20									+99.21	20.00		V	Extremely weak, greyish brown, completely decomposed medium-grained GRANITE. (Silty fine to coarse SAND with some subangular fine gravel)
21			100				5, 7 11, 13, 15, 17 N = 56	18 21.00 21.10 19 21.20 20 21.50 21.55					
22													
23							7, 12 15, 15, 16, 18 N = 64	21 23.20 22 23.50 23.55					
24													
25		12.50m at 18:00											
28.6.22													
29.6.22		15.90m at 08:00					5, 11 12, 14, 18, 21 N = 65	23 25.20 24 25.50 25.55					
26													
27							4, 9 14, 16, 19, 21 N = 70	25 27.20 26 27.50 27.55					
28			100					27 28.00					
29							4, 10 12, 15, 27, 33 N = 87	28 29.00 29.10 29 29.20 30 29.50 29.55					
30	PX 30.00												

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH4**
	CONTRACT NO.	SHEET **4** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.94 N 815,938.65**	W.O. No
MACHINE & No. **CD8**		DATE: **25/06/2022** to **05/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
30	HX								+89.21	30.00		V	As sheet 3 of 7.
31							6, 8 14, 18, 25, 34 N = 91	31 31.20 32 31.50 31.55					
32													
33									+86.11	33.10		V	Extremely weak, brown, completely decomposed altered medium-grained GRANITE. (Silty fine to medium SAND)
34							5, 10 18, 22, 28, 38 N = 106	33 33.20 34 33.50 33.55					
35							8, 13 19, 24, 39, 45 N = 127	35 35.20 36 35.50 35.55					
36			100					37 36.00					
37							6, 14 21, 34, 43, 53 N = 151	38 37.00 37.10 39 37.20 40 37.50 37.55					
38													
39		14.20m at 18:00					4, 12 18, 23, 32, 43 N = 116	41 39.20 42 39.50 39.55					
29.6.22													
30.6.22		13.80m at											
40													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH4**
	CONTRACT NO.	SHEET **5** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.94 N 815,938.65**	W.O. No
MACHINE & No. **CD8**		DATE: **25/06/2022** to **05/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
40		08:00							+79.21	40.00		V	As sheet 4 of 7.
41							9, 15 25, 31, 45, 52 N = 153	43 41.20 – 44 41.50 41.55					
42													
43									+76.11	43.10		V	Extremely weak, greyish brown, completely decomposed medium-grained GRANITE. (Silty fine to coarse SAND with some subangular fine gravel)
							3, 6 9, 12, 15, 19 N = 55	45 43.20 – 46 43.50 43.55					
44			100					47 44.00					
45							5, 10 17, 19, 22, 24 N = 82	48 45.00 45.10 – 49 45.20 – 50 45.50 45.55					
46													
47									+72.11	47.10		V	Extremely weak, brown, completely decomposed altered medium-grained GRANITE. (Silty fine to medium SAND)
							8, 14 19, 23, 32, 35 N = 109	51 47.20 – 52 47.50 47.55					
48													
49							7, 16 21, 29, 34, 41 N = 125	53 49.20 – 54 49.50 49.55					
50													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH4**
	CONTRACT NO.	SHEET **6** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.94 N 815,938.65**	W.O. No
MACHINE & No. **CD8**		DATE: **25/06/2022** to **05/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
50									+69.21	50.00		V	As sheet 5 of 7.
51							9, 15 24, 32, 41, 52 N = 149	55 51.20 56 51.50 51.55					
52								57 52.00	+67.21	52.00		V	Extremely weak, greyish brown, completely decomposed medium-grained GRANITE. (Silty fine to coarse SAND with some subangular fine gravel)
			100										
53								58 53.00 53.10					
							15,35/100mm 78,122/90mm N=200	59 53.24 53.29					
54													
55		13.60m at 18:00											
30.6.22	HX						50/60mm 200/50mm N=200	60 55.16 55.21					
4.7.22	55.35	16.70m at 08:00						55.35	+63.86	55.35		III/IV	Moderately strong to moderately weak, brownish grey, moderately to highly decomposed altered medium-grained GRANITE.
			91	33	14	NI		T2-101					
56								56.25	+62.96	56.25		III	Moderately strong, brown, moderately decomposed fine ash TUFF. Joints are closely spaced, smooth planar, iron oxide and manganese oxide stained, dipping at 0-10°, 30-40° and 70-80°.
			100	90	73			T2-101					
57								57.75					
			99	96	41	9.3		T2-101					
58								59.09					
59								T2-101					
			97	79	64								
60													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH4**
	CONTRACT NO.	SHEET **7** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,888.94 N 815,938.65**	W.O. No
MACHINE & No. **CD8**		DATE: **25/06/2022** to **05/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
60									+59.21	60.00			
4.7.22		22.80m at 18:00	97	79	64			T2-101 60.49				III	As sheet 6 of 7.
5.7.22		23.60m at 08:00	98	92	40			T2-101 60.99					
61						9.3							
			99	35	28			T2-101 62.41	+56.80	62.41			
62		25.50m at 18:00											
5.7.22													End of Investigation Hole at 62.41m.
63													
64													
65													
66													
67													
68													
69													
70													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/07/2022**

CHECKED **M/P.CHAN**

DATE **06/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH5**
	CONTRACT NO.	SHEET **1** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,896.01 N 815,937.82**	W.O. No
MACHINE & No. **CD8**		DATE: **08/07/2022** to **15/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
0	8.7.22	HX	NA at 08:00						+119.21	0.00			Greyish brown, angular fine to coarse GRAVEL sized rock fragments in a sandy matrix. (FILL)
								A 0.40 0.50 I.P. B 0.90 1.00 C 1.40 1.50	+117.71	1.50			Grey and brown, angular fine to coarse GRAVEL to BOULDER sized rock and concrete fragments. (FILL)
1													
2			37					T2-101					
3								3.00					
4			43					T2-101					
5								4.50					
6			37					T2-101					
7								6.00					
8			48					T2-101					
9			47					7.50					
10								T2-101					
			59					8.20					
								T2-101					
								9.70	+109.51	9.70			Brown, silty fine to coarse SAND with many subangular fine
								1 10.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

One standpipe was installed at 12m.

One piezometer was installed at 20m.

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH5**
	CONTRACT NO.	SHEET **2** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,896.01 N 815,937.82**	W.O. No
MACHINE & No. **CD8**		DATE: **08/07/2022** to **15/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
10									+109.21	10.00			to coarse gravel sized rock fragments. (COLLUVIUM) As sheet 1 of 8.
11 8.7.22		8.30m at 18:00	100					2 11.00 11.10					
9.7.22		10.10m at 08:00					2, 3 2, 4, 3, 3 N = 12	3 11.20 4 11.50 11.60	+107.61	11.60			
12			100					T2-101					Brown and grey, subangular COBBLE and BOULDER sized rock fragments with some sandy silt matrix. (COLLUVIUM)
13			100					13.00 T2-101					
	HX 13.90							13.90	+105.31	13.90			
14			100					5 14.00				V	Extremely weak, greyish brown, completely decomposed medium-grained GRANITE. (Silty fine to coarse SAND with some subangular fine gravel)
15							2, 3 5, 6, 7, 8 N = 26	6 15.00 15.10 7 15.20 8 15.50 15.55					
16			100					9 16.00					
17							4, 6 7, 9, 11, 13 N = 40	10 17.00 17.10 11 17.20 12 17.50 17.55					
18			100					13 18.00					
19							4, 7 11, 14, 17, 19 N = 61	14 19.00 19.10 15 19.20 16 19.50 19.55					
20								17 20.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH5**
	CONTRACT NO.	SHEET **3** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,896.01 N 815,937.82**	W.O. No
MACHINE & No. **CD8**		DATE: **08/07/2022** to **15/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
20									+99.21	20.00		V	As sheet 2 of 8.
21			100				3, 8 12, 15, 18, 22 N = 67	18 21.00 21.10 19 21.20 20 21.50 21.55					
22													
23							7, 11 14, 15, 17, 19 N = 65	21 23.20 22 23.50 23.55					
24													
25							7, 13 15, 15, 18, 21 N = 69	23 25.20 24 25.50 25.55					
26													
27		13.50m at 18:00 9.7.22											
		14.00m at 08:00 11.7.22					8, 14 16, 16, 19, 22 N = 73	25 27.20 26 27.50 27.55					
28			100					27 28.00					
29							8, 13 18, 19, 21, 23 N = 81	28 29.00 29.10 29 29.20 30 29.50 29.55					
30													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH5**
	CONTRACT NO.	SHEET **4** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,896.01 N 815,937.82**	W.O. No
MACHINE & No. **CD8**		DATE: **08/07/2022** to **15/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
30									+89.21	30.00		V	As sheet 3 of 8.
31							4, 14 17, 21, 23, 27 N = 88	31 31.20 32 31.50 31.55					
32													
33							9, 15 18, 24, 27, 32 N = 101	33 33.20 34 33.50 33.55					
34													
35							7, 16 22, 25, 32, 36 N = 115	35 35.20 36 35.50 35.55					
36								37 36.00	+83.21	36.00		V	Extremely weak, brown, completely decomposed fine ash TUFF. (Stiff, slightly sandy SILT)
37 11.7.22		18.20m at 18:00	100										
12.7.22		19.30m at 08:00					8, 15 21, 28, 32, 36 N = 117	38 37.00 37.10 39 37.20 40 37.50 37.55					
38													
39							9, 17 22, 31, 39, 42 N = 134	41 39.20 42 39.50 39.55					
40													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH5**
	CONTRACT NO.	SHEET **5** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,896.01 N 815,937.82**	W.O. No
MACHINE & No. **CD8**		DATE: **08/07/2022** to **15/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
40									+79.21	40.00		V	As sheet 4 of 8.
41							10, 18 20, 32, 41, 46 N = 139	43 41.20 44 **41.50** 41.55					
42													
43							12, 19 24, 24, 45, 53 N = 146	45 43.20 46 **43.50** 43.55					
44			100					47 44.00					
45							15, 19 25, 36, 42, 54 N = 157	48 **45.00** 45.10 49 45.20 50 **45.50** 45.55					
46													
47							7, 17 26, 37, 45, 56 N = 164	51 47.20 52 **47.50** 47.55					
48													
49							13, 14 27, 37, 43, 55 N = 162	53 49.20 54 **49.50** 49.55					
50													

Small Disturbed Sample
Piston Sample
U76 Undisturbed Sample
U100 Undisturbed Sample
Mazier Sample
SPT Liner Sample
Water Sample
Standard Penetration Test
In-situ Vane Shear Test
Permeability Test
Televiewer Survey
Packer Test
Piezometer Tip
Standpipe Tip

LOGGED **H.S.TSANG**
DATE **16/07/2022**
CHECKED **M/P.CHAN**
DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH5**
	CONTRACT NO.	SHEET **6** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,896.01 N 815,937.82**	W.O. No
MACHINE & No. **CD8**		DATE: **08/07/2022** to **15/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
50									+69.21	50.00		V	As sheet 5 of 8.
51		20.40m at 18:00					13, 28 32, 37, 47, 61 N = 177	55 51.20 56 51.50 51.55					
52 13.7.22		20.90m at 08:00	100					57 52.00					
53							15,24 38,51 65,46/40mm N=200	58 53.00 53.10 59 53.20 60 53.50 53.54					
54													
55							18,22/130mm 64,136/100mm N=200	61 55.28 55.33					
56													
57							50/60mm 200/30mm N=200	62 57.16 57.21					
58													
59							50/45mm 200/40mm N=200	63 59.14 59.19					
60													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH5**
	CONTRACT NO.	SHEET **7** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,896.01 N 815,937.82**	W.O. No
MACHINE & No. **CD8**		DATE: **08/07/2022** to **15/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
60									+59.21	60.00			
								60.06	+59.15	60.06		III/IV	As sheet 6 of 8.
61		21.80m at 18:00	99	24	12			T2-101					Moderately strong to moderately weak, dark brownish grey, moderately to highly decomposed fine ash TUFF. Joints are closely to very closely spaced, rough planar, clean, locally manganese oxide stained, dipping at 0-10°, 30-40° and 70-80°. Fractured core.
13.7.22								61.46					
14.7.22		22.90m at 08:00				13.1							
62			99	60	33			T2-101					
63								62.96					
			96	11	0	NI		T2-101					
64								63.90					
			97	18	14			T2-101					
65						17.3							
								65.45	+53.76	65.45		II	Strong, dark grey, slightly decomposed fine ash TUFF. Joints are closely spaced, smooth planar, clean, dipping at 20-30°, 50-60° and 70-80°.
66			100	90	58			T2-101					
67		23.80m at 18:00						67.00					
15.7.22		24.50m at 08:00											
68			100	88	47	10.4		T2-101					
								68.28					
69			100	81	49			T2-101					
								69.76					
70			99	89	55			T2-101					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH5**
	CONTRACT NO.	SHEET **8** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,896.01 N 815,937.82**	W.O. No
MACHINE & No. **CD8**		DATE: **08/07/2022** to **15/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
70									+49.21	70.00			
71 15.7.22		20.90m at 18:00	99	89	55	10.4		T2-101 71.22	+47.99	71.22		II	As sheet 7 of 8.
72													End of Investigation Hole at 71.22m.
73													
74													
75													
76													
77													
78													
79													
80													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH6**
	CONTRACT NO.	SHEET **1** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,882.00 N 815,927.19**	W.O. No
MACHINE & No. **CD7**		DATE: **30/07/2022** to **05/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
0									+119.21	0.00			
30.7.22	PX	NA at 08:00						A 0.40 0.50 I.P. B 0.90 1.00 C 1.40 1.50	+117.71	1.50			Greyish brown, angular fine to coarse GRAVEL sized rock fragments in a sandy matrix. (FILL)
1													
2			70					T2-101					Grey and brown, angular COBBLES and BOULDERs sized rock fragments. (FILL)
3								3.00 T2-101					
4		4.10m at 18:00	40										
30.7.22 1.8.22		2.50m at 08:00						4.50 T2-101					
5			57										
6								6.00 T2-101	+113.21	6.00			Greyish brown, subangular COBBLES and BOULERS sized rock fragments. (COLLUVIUM)
7			53					7.00 T2-101					
8			58					7.85 T2-101					
9			63					9.35 T2-101					
10			87										

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH6**
	CONTRACT NO.	SHEET **2** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,882.00 N 815,927.19**	W.O. No
MACHINE & No. **CD7**		DATE: **30/07/2022** to **05/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
10									+109.21	10.00			As sheet 1 of 7.
11			87					T2-101 10.85 T2-101 11.78					
12			37						+107.43	11.78			Reddish brown, silty fine to coarse SAND with some subangular fine to medium gravel sized rock fragments. (COLLUVIUM)
13			100				2, 4 5, 8, 10, 12 N = 35	1 12.00 2 13.00 13.10 3 13.20 4 13.50 13.55					
14			100					5 14.00					
15		2.45m at 18:00					3, 6 7, 10, 12, 13 N = 42	6 15.00 15.10 7 15.20 8 15.50 15.55					
16								9 16.00	+103.21	16.00		V	Extremely weak, orangish brown, dappled pink, completely deocomposed medium-grained GRANITE. (Silty fine to coarse SAND with some subangular fine gravel)
17		5.00m at 08:00	100				3, 7 10, 12, 12, 15 N = 49	10 17.00 17.10 11 17.20 12 17.50 17.55					
18			100					13 18.00					
19							4, 8 10, 14, 16, 19 N = 59	14 19.00 19.10 15 19.20 16 19.50 19.55					
20								17 20.00					

16.2.22
2.8.22

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**
DATE **05/08/2022**
CHECKED **M/P.CHAN**
DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH6**
	CONTRACT NO.	SHEET **3** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,882.00 N 815,927.19**	W.O. No
MACHINE & No. **CD7**		DATE: **30/07/2022** to **05/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
20									+99.21	20.00		V	As sheet 2 of 7.
21			100				4, 7 12, 15, 15, 19 N = 61	18 21.00 21.10 / 19 21.20 / 20 21.50 21.55					
22													
23							4, 8 16, 16, 19, 21 N = 72	21 23.20 / 22 23.50 23.55					
24													
25							5, 10 14, 17, 22, 26 N = 79	23 25.20 / 24 25.50 25.55					
26													
27							5, 11 16, 18, 23, 29 N = 86	25 27.20 / 26 27.50 27.55					
28			100					27 28.00					
29							7, 15 18, 21, 26, 31 N = 96	28 29.00 29.10 / 29 29.20 / 30 29.50 29.55					
30	PX 30.00												

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH6**
	CONTRACT NO.	SHEET **4** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,882.00 N 815,927.19**	W.O. No
MACHINE & No. **CD7**		DATE: **30/07/2022** to **05/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
30	HX								+89.21	30.00		V	As sheet 3 of 7.
31							11, 29 21, 38, 45, 57 N = 161	31 31.20 32 31.50 31.55					
32													
33							8, 15 16, 25, 27, 34 N = 102	33 33.20 34 33.50 33.55					
34													
35							7, 13 18, 27, 33, 35 N = 113	35 35.20 36 35.50 35.55					
36			100					37 36.00					
37							7, 14 20, 26, 35, 36 N = 117	38 37.00 37.10 39 37.20 40 37.50 37.55					
38													
39		5.30m at 18:00											
2.8.22 / 3.8.22		4.20m at 08:00					6, 12 18, 24, 31, 42 N = 115	41 39.20 42 39.50 39.55					
40													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH6**
	CONTRACT NO.	SHEET **5** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,882.00 N 815,927.19**	W.O. No
MACHINE & No. **CD7**		DATE: **30/07/2022** to **05/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
40									+79.21	40.00		V	As sheet 4 of 7.
41							7, 15 18, 27, 38, 43 N = 126	43 41.20 44 41.50 41.55					
42													
43							4, 16 19, 31, 40, 47 N = 137	45 43.20 46 43.50 43.55					
44			100					47 44.00	+75.21	44.00		IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL in a sandy matrix)
45							10, 16 22, 34, 35, 41 N = 132	48 45.00 45.10 49 45.20 50 45.50 45.55					
46													
47							11, 17 25, 36, 39, 51 N = 151	51 47.20 52 47.50 47.55					
48													
49							7, 16 25, 36, 44, 55 N = 160	53 49.20 54 49.50 49.55					
50													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH6**
	CONTRACT NO.	SHEET **6** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,882.00 N 815,927.19**	W.O. No
MACHINE & No. **CD7**		DATE: **30/07/2022** to **05/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
50									+69.21	50.00		IV	As sheet 5 of 7.
51							8, 17 26, 38, 45, 54 N = 163	55 51.20 56 51.50 51.55					
52			100					57 52.00					
53							11, 19 27, 38, 45, 57 N = 167	58 53.00 53.10 59 53.20 60 53.50 53.55					
54													
55							50/50mm 200/40mm N=200	61 55.14 55.19					
56													
57		4.25m at 18:00 3.8.22											
		4.50m at 08:00 4.8.22					50/40mm 200/30mm N=200	62 57.12 57.17					
58													
59							50/40mm 200/20mm N=200	63 59.11 59.16					
60								60.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH6**
	CONTRACT NO.	SHEET **7** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,882.00 N 815,927.19**	W.O. No
MACHINE & No. **CD7**		DATE: **30/07/2022** to **05/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
60			0					64 60.05 60.10	+59.21	60.00		IV	As sheet 6 of 7.
61							50/30mm 200/20mm N=200	65 61.10 61.15					
62	HX 62.07							62.07	+57.14	62.07		II	Strong, brownish grey, spotted white and black, slightly decomposed medium-grained GRANITE. Joints are closely to medium spaced, rough undulating, clean, locally iron oxide stained, dipping at 20-30°, 50-60° and 70-80°.
			97	91	69	6.3		T2-101					
63								63.02					
			100	97	97			T2-101					
64		11.60m at 18:00											
4.8.22								64.37					
5.8.22		10.70m at 08:00				3.7							
65			100	100	94			T2-101					
								65.69					
66			100	98	70	5.9		T2-101					
								67.12					
67			100	100	100	2.0		T2-101					
68		12.10m at 18:00											
5.8.22								68.37	+50.84	68.37			
													End of Investigation Hole at 68.37m.
69													
70													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH7**
	CONTRACT NO.	SHEET **1** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,893.43 N 815,929.45**	W.O. No
MACHINE & No. **CD2**		DATE: **05/08/2022** to **12/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
0 5.8.22	PX	NA at 08:00						A 0.40 0.50 I.P. B 0.90 1.00 C 1.40 1.50	+119.21	0.00			Greyish brown, angular to subangular fine to medium GRAVEL sized rock fragments in a sandy matrix. (FILL)
1									+117.71	1.50			Grey and brown, angular COBBLES and BOULDER sized rock fragments. (FILL)
2			99					T2-101					
3								3.00					
4			60					T2-101					
5								4.50					
6			43					T2-101					
7 5.8.22		3.80m at 18:00	50					6.00	+111.71	7.50			
6.8.22		4.00m at 08:00						T2-101					Light greyish brown, subangular COBBLES and locally coarse gravel sized rock fragments. (COLLUVIUM)
8			21					7.50					
9								T2-101					
10			46					9.00					
								T2-101					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **12/08/2022**

CHECKED **M/P.CHAN**

DATE **13/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH7**
	CONTRACT NO.	SHEET **2** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,893.43 N 815,929.45**	W.O. No
MACHINE & No. **CD2**		DATE: **05/08/2022** to **12/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
10									+109.21	10.00			
			46					T2-101 10.50					As sheet 1 of 8.
11			58					T2-101					
12								12.00					
			40					T2-101					
13								13.50					
14			41					T2-101					
15			93					15.00					
								T2-101					
16			100					1 16.00	+103.21	16.00			Medium dense, greyish brown, silty fine to coarse SAND with occasional subangular fine gravel sized rock fragments. (COLLUVIUM)
17							3, 3 2, 3, 4, 3 N = 12	2 17.00 17.10 3 17.20 4 17.50 17.55					
18			100					5 18.00	+101.21	18.00		V	Extremely weak, pinkish brown, dappled grey, completely decomposed medium-grained GRANITE. (Silty fine to coarse SAND with some subangular fine gravel)
19		6.80m at 18:00						6 19.00 19.10 7 19.20 8 19.50 19.55					
	6.8.22												
	8.8.22	5.90m at 08:00					3, 4 3, 5, 5, 6 N = 19						
20								9 20.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **12/08/2022**

CHECKED **M/P.CHAN**

DATE **13/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH7**
	CONTRACT NO.	SHEET **3** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,893.43 N 815,929.45**	W.O. No
MACHINE & No. **CD2**		DATE: **05/08/2022** to **12/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
20									+99.21	20.00		V	As sheet 2 of 8.
21			100				3, 4 5, 5, 9, 12 N = 31	10 21.00 21.10 11 21.20 12 21.50 21.55					
22													
23							7, 7 10, 12, 12, 17 N = 51	13 23.20 14 23.50 23.55					
24													
25							4, 9 14, 15, 17, 19 N = 65	15 25.20 16 25.50 25.55					
26													
27							4, 7 12, 15, 16, 23 N = 66	17 27.20 18 27.50 27.55					
28			100					19 28.00					
29		10.70m at 18:00						20 29.00 29.10					
8.8.22 / 9.8.22		4.20m at 08:00											
30	PX 30.00												

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **12/08/2022**

CHECKED **M/P.CHAN**

DATE **13/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH7**
	CONTRACT NO.	SHEET **4** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,893.43 N 815,929.45**	W.O. No
MACHINE & No. **CD2**		DATE: **05/08/2022** to **12/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
30	HX								+89.21	30.00		V	As sheet 3 of 8.
31							5, 9 13, 14, 17, 24 N = 68	21 31.20 22 **31.50** 31.55					
32													
33							7, 11 15, 18, 21, 25 N = 79	23 33.20 24 **33.50** 33.55					
34													
35							6, 12 14, 19, 23, 26 N = 82	25 35.20 26 **35.50** 35.55					
36			100					27 36.00					
37							5, 11 17, 24, 29, 31 N = 101	28 **37.00** 37.10 29 37.20 30 **37.50** 37.55					
38													
39							8, 13 18, 23, 31, 34 N = 106	31 39.20 32 **39.50** 39.55					
40													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **12/08/2022**

CHECKED **M/P.CHAN**

DATE **13/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH7**
	CONTRACT NO.	SHEET **5** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,893.43 N 815,929.45**	W.O. No
MACHINE & No. **CD2**		DATE: **05/08/2022** to **12/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
40									+79.21	40.00		V	As sheet 4 of 8.
41							6, 15 21, 29, 32, 36 N = 118	33 41.20 34 41.50 41.55					
42													
43		6.80m at 18:00					10, 17 22, 32, 39, 41 N = 134	35 43.20 36 43.50 43.55					
44 10.8.22		7.40m at 08:00	100					37 44.00	+75.21	44.00		IV	Very weak, browish grey, highly decomposed medium-grained GRANITE. (Angular to subangular fine to coarse GRAVEL)
45							9, 14 23, 28, 41, 43 N = 135	38 45.00 45.10 39 45.20 40 45.50 45.55					
46													
47							11, 18 24, 33, 43, 57 N = 157	41 47.20 42 47.50 47.55					
48													
49							12, 19 25, 31, 45, 56 N = 157	43 49.20 44 49.50 49.55					
50													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **12/08/2022**

CHECKED **M/P.CHAN**

DATE **13/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH7**
	CONTRACT NO.	SHEET **6** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,893.43 N 815,929.45**	W.O. No
MACHINE & No. **CD2**		DATE: **05/08/2022** to **12/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
50									+69.21	50.00		IV	As sheet 5 of 8.
51							13, 21 24, 35, 43, 58 N = 160	45 51.20 46 **51.50** 51.55					
52			100					47 52.00					
53		10.80m at 18:00					13, 29 31, 42, 51, 64 N = 188	48 **53.00** 53.10 49 53.20 50 **53.50** 53.55					
10.8.22 11.8.22 54		11.70m at 08:00											
55							12,25 35,54 62,48/40mm N=200	51 55.20 52 **55.50** 55.55					
56													
57							15,29 39,56 69,36/40mm N=200	53 57.20 54 **57.50** 57.55					
58													
59							18,32/110mm 72,123/100mm N=200	55 59.15 **59.45** 59.51					
60								56 60.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **12/08/2022**

CHECKED **M/P.CHAN**

DATE **13/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH7**
	CONTRACT NO.	SHEET **7** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,893.43 N 815,929.45**	W.O. No
MACHINE & No. **CD2**		DATE: **05/08/2022** to **12/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
60									+59.21	60.00			
61	HX 61.70		100					57 61.00 61.10				IV	As sheet 6 of 8.
								61.70	+57.51	61.70		III	Moderartely strong, light brownish grey, moderately decomposed medium-grained GRANITE. Joints are closely to medium spaced, rough undulating, iron and manganese oxide stained, dipping 0-10° and 40-50°.
62			99	97	92			T2-101					
63						4.7		63.12				III/IV	From 63.12m to 63.32m: Moderately weak, moderately to highly decomposed.
			92	87	70			T2-101				III	
64								64.05	+55.16	64.05		II	Strong, brownish grey, slightly decomposed medium-grained GRANITE. Joints are medium, locally widely spaced, rough planar and rough undulating, clean, dipping at 0-10°, 30-40° and 50-60°.
			99	99	99	1.2		T2-101					
65								64.86					
			100	100	100			T2-101					
66		9.50m at 18:00						66.41					
11.8.22													
12.8.22		5.40m at 08:00											
67			100	100	100			T2-101					
						2.9		67.93					
68													
			100	100	99			T2-101					
69								69.38					
		8.90m at 18:00						T2-101					
12.8.22			100	100	100			70.00	+49.21	70.00			

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **12/08/2022**

CHECKED **M/P.CHAN**

DATE **13/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH7**
	CONTRACT NO.	SHEET **8** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,893.43 N 815,929.45**	W.O. No
MACHINE & No. **CD2**		DATE: **05/08/2022** to **12/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
70									+49.21	70.00			End of Investigation Hole at 70.00m.
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **12/08/2022**

CHECKED **M/P.CHAN**

DATE **13/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH8**
	CONTRACT NO.	SHEET **1** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,886.12 N 815,929.98**	W.O. No
MACHINE & No. **CD7**		DATE: **22/07/2022** to **28/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
0									+119.21	0.00			
22.7.22	PX	NA at 08:00						A 0.40 0.50					Light grey, angular fine to coarse GRAVEL sized rock fragments. (FILL)
1								B 0.90 1.00 I.P.					
								C 1.40 1.50	+117.71	1.50			
2			63					T2-101					Light grey and light brown, angular subangular medium to coarse GRAVEL to BOULDER sized rock fragments. (FILL)
3								3.00					
			52					T2-101					
4								4.50					
5			83					T2-101					
		4.30m at 18:00											
6								1 6.00	+113.21	6.00			
23.7.22		3.50m at 08:00	95					2 7.00 7.10					Light yellowish brown, silty fine to coarse SAND with many subangular fine gravel sized rock fragments. (COLLUVIUM)
7							2, 3 3, 4, 5, 7 N = 19	3 7.20					
								4 7.50 7.66	+111.61	7.60			
			95					T2-101					Light grey and light brown, angular to subangular fine to coarse GRAVEL and COBBLE sized rock fragments. (COLLUVIUM)
8								8.00					
9			60					T2-101					
								9.50	+109.71	9.50			
10								5 10.00					Medium dense, light orangish brown, silty fine to coarse SAND with some subangular fine to medium gravel sized

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH8**
	CONTRACT NO.	SHEET **2** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,886.12 N 815,929.98**	W.O. No
MACHINE & No. **CD7**		DATE: **22/07/2022** to **28/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
10									+109.21	10.00			rock fragments. (COLLUVIUM) As sheet 1 of 7.
11			100				3, 4 5, 8, 10, 12 N = 35	6 11.00 11.10 7 11.20 8 11.50 11.55					
12			100					9 12.00					
13							3, 5 7, 9, 11, 13 N = 40	10 13.00 13.10 11 13.20 12 13.50 13.55					
14			100					13 14.00	+105.21	14.00		V	Extremely weak, light brownish grey, completely decomposed medium-grained GRANITE. (Very silty fine to coarse SAND with subangular fine to medium gravel)
15							3, 6 8, 10, 12, 15 N = 45	14 15.00 15.10 15 15.20 16 15.50 15.55					
16			100					17 16.00					
17							3, 6 10, 11, 15, 16 N = 52	18 17.00 17.10 19 17.20 20 17.50 17.55					
18			100					21 18.00					
19		3.40m at 18:00						22 19.00 19.10 23 19.20 24 19.50 19.55					
20		4.55m at 08:00					4, 7 11, 15, 19, 23 N = 68	25 20.00					

23.7.22
25.7.22

● Small Disturbed Sample	↓ Standard Penetration Test	LOGGED **H.S.TSANG**	REMARKS
□ Piston Sample	V In-situ Vane Shear Test	DATE **05/08/2022**	
▨ U76 Undisturbed Sample	⊥ Permeability Test	CHECKED **M/P.CHAN**	
■ U100 Undisturbed Sample	○ Televiewer Survey	DATE **06/08/2022**	
▨ Mazier Sample	□ Packer Test		
▯ SPT Liner Sample	▲ Piezometer Tip		
△ Water Sample	△ Standpipe Tip		

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH8**
	CONTRACT NO.	SHEET **3** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,886.12 N 815,929.98**	W.O. No
MACHINE & No. **CD7**		DATE: **22/07/2022** to **28/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
20									+99.21	20.00		V	As sheet 2 of 7.
21			100				5, 5 12, 16, 20, 25 N = 73	26 21.00 21.10 27 21.20 28 21.50 21.55					
22													
23							5, 8 13, 17, 19, 25 N = 74	29 23.20 30 23.50 23.55					
24													
25							7, 12 14, 14, 18, 23 N = 69	31 25.20 32 25.50 25.55					
26													
27							7, 12 15, 16, 21, 22 N = 74	33 27.20 34 27.50 27.55					
28			100					35 28.00					
29							7, 13 17, 21, 23, 25 N = 86	36 29.00 29.10 37 29.20 38 29.50 29.55					
30	PX 30.00												

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH8**
	CONTRACT NO.	SHEET **4** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,886.12 N 815,929.98**	W.O. No
MACHINE & No. **CD7**		DATE: **22/07/2022** to **28/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
30	HX								+89.21	30.00		V	As sheet 3 of 7.
31							6, 9 17, 23, 25, 28 N = 93	39 31.20 40 **31.50** 31.55					
32													
33							8, 15 17, 24, 27, 35 N = 103	41 33.20 42 **33.50** 33.55					
34													
35							7, 14 14, 21, 33, 34 N = 102	43 35.20 44 **35.50** 35.55					
36			100					45 36.00					
37							7, 15 21, 26, 34, 37 N = 118	46 **37.00** 37.10 47 37.20 48 **37.50** 37.55					
38													
39							8, 16 22, 31, 37, 43 N = 133	49 39.20 50 **39.50** 39.55					
40													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH8**
	CONTRACT NO.	SHEET **5** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,886.12 N 815,929.98**	W.O. No
MACHINE & No. **CD7**		DATE: **22/07/2022** to **28/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
40									+79.21	40.00		V	As sheet 4 of 7.
41		4.30m at 18:00 25.7.22					9, 16 19, 30, 41, 46 N = 136	51 41.20 52 41.50 41.55					
		4.35m at 08:00 26.7.22											
42													
43							10, 17 25, 52, 46, 55 N = 178	53 43.20 54 43.50 43.55					
44			100					55 44.00					
45								56 45.00 45.10					
							11, 14 23, 35, 34, 55 N = 147	57 45.20 58 45.50 45.55					
46													
47							7, 16 26, 35, 43, 52 N = 156	59 47.20 60 47.50 47.55					
48													
49							16, 18 27, 36, 43, 57 N = 163	61 49.20 62 49.50 49.55					
50													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH8**
	CONTRACT NO.	SHEET **6** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,886.12 N 815,929.98**	W.O. No
MACHINE & No. **CD7**		DATE: **22/07/2022** to **28/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
50									+69.21	50.00		V	As sheet 5 of 7.
51								50.94	+68.27	50.94		III	Moderately strong, greyish brown, moderately decomposed medium-grained GRANITE. Jonits are closely spaced, rough undulating, iron oxide stained, dipping at 0-10° and 25-35°. (CORESTONE)
			98	94	54	8.0		T2-101					
52								52.19	+67.02	52.19		IV	Very weak, dark browish grey, highly decomposed medium-grained GRANITE. (Angular to subangular fine to medium GRAVEL)
							50/50mm 200/40mm N=200	63 52.54 52.59					
53													
54		4.45m at 18:00											
26.7.22													
27.7.22		4.30m at 08:00					50/40mm 200/30mm N=200	64 54.52 54.57					
55													
56													
							50/50mm 200/40mm N=200	65 56.54 56.59					
57													
58													
							50/50mm 200/30mm N=200	66 58.53 58.58					
59													
60	HX												

● Small Disturbed Sample
□ Piston Sample
▨ U76 Undisturbed Sample
■ U100 Undisturbed Sample
▨ Mazier Sample
▯ SPT Liner Sample
△ Water Sample

↓ Standard Penetration Test
V In-situ Vane Shear Test
⊥ Permeability Test
○ Televiewer Survey
□ Packer Test
▲ Piezometer Tip
△ Standpipe Tip

LOGGED **H.S.TSANG**
DATE **05/08/2022**
CHECKED **M/P.CHAN**
DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH8**
	CONTRACT NO.	SHEET **7** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,886.12 N 815,929.98**	W.O. No
MACHINE & No. **CD7**		DATE: **22/07/2022** to **28/07/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
60	60.07							60.07	+59.21	60.00			
61			100	100	100			T2-101 61.28				III	As sheet 6 of 7. Moderately strong, brownish grey, moderately decomposed medium-grained GRANITE. Jonits are medium spaced, rough undulating, iron oxide stained, dipping at 10-20°, 40-50° and 65-75°.
62		11.60m at 18:00	100	100	93			T2-101 62.81					
27.7.22 / 63		6.80m at 08:00	100	100	99	3.4		T2-101 64.30					
64													
65		11.60m at 18:00	100	95	91			T2-101 65.69	+53.52	65.69			
28.7.22													
66													End of Investigation Hole at 65.69m.
67													
68													
69													
70													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH9**
	CONTRACT NO.	SHEET **1** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,879.65 N 815,916.42**	W.O. No
MACHINE & No. **CD2**		DATE: **11/07/2022** to **16/07/2012**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
0									+119.21	0.00			
11.7.22	PX	NA at 08:00						A 0.40 0.50 I.P. B 0.90 1.00 C 1.40 1.50	+117.71	1.50			Greyish brown, angular fine to coarse GRAVEL sized rock fragments in a sandy matrix. (FILL)
1													
2			80					T2-101 3.00					Grey and brown, angular COBBLES and BOULDERs sized rock fragments. (FILL)
12.7.22 3		DRY at 18:00											
12.7.22		DRY at 08:00											
4			69					T2-101 4.50					
5			70					T2-101 5.50					
6			98					T2-101 1 6.00	+113.21	6.00		V	Extremely weak, orangish to greyish brown, completely decomposed medium-grained GRANITE. (Silty fine to coarse SAND with some subangular fine gravel)
7			100				2, 3 3, 5, 5, 6 N = 19	2 7.00 7.10 3 7.20 4 7.50 7.55					
8			100					5 8.00					
9							3, 4 6, 8, 10, 12 N = 36	6 9.00 9.10 7 9.20 8 9.50 9.55					
10								9 10.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

One standpipe was installed at 12m.
One piezometer was installed at 12m.
Permeability tests were carried out at 4.00-5.50m, 10.00-11.50m and 16.00-17.50m.

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH9**
	CONTRACT NO.	SHEET **2** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,879.65 N 815,916.42**	W.O. No
MACHINE & No. **CD2**		DATE: **11/07/2022** to **16/07/2012**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
10									+109.21	10.00		V	As sheet 1 of 7.
11		5.90m at 18:00	100				3, 6 7, 10, 11, 15 N = 43	10 11.00 11.10 11 11.20 12 11.50 11.55					
12.7.22													
13.7.22		4.50m at 08:00											
12			100					13 12.00					
13							3, 5 8, 11, 13, 17 N = 49	14 13.00 13.10 15 13.20 16 13.50 13.55					
14			100					17 14.00					
15							3, 6 9, 12, 15, 18 N = 54	18 15.00 15.10 19 15.20 20 15.50 15.55					
16			100					21 16.00					
17							3, 5 8, 12, 16, 20 N = 56	22 17.00 17.10 23 17.20 24 17.50 17.55					
18			100					25 18.00					
19		4.50m at 18:00						26 19.00 19.10 27 19.20 28 19.50 19.55					
13.7.22													
14.7.22		4.00m at 08:00					5, 8 13, 17, 20, 26 N = 76						
20								29 20.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH9**
	CONTRACT NO.	SHEET **3** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,879.65 N 815,916.42**	W.O. No
MACHINE & No. **CD2**		DATE: **11/07/2022** to **16/07/2012**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
20									+99.21	20.00		V	As sheet 2 of 7.
21			100				2, 8 13, 16, 18, 23 N = 70	30 21.00 21.10 31 21.20 32 21.50 21.55					
22													
23							7, 11 14, 16, 18, 20 N = 68	33 23.20 34 23.50 23.55					
24													
25							7, 12 15, 15, 19, 21 N = 70	35 25.20 36 25.50 25.55					
26													
27							8, 12 16, 16, 20, 23 N = 75	37 27.20 38 27.50 27.55					
28			100					39 28.00					
29							6, 13 17, 20, 22, 24 N = 83	40 29.00 29.10 41 29.20 42 29.50 29.55					
30	PX 30.00												

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH9**
	CONTRACT NO.	SHEET **4** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,879.65 N 815,916.42**	W.O. No
MACHINE & No. **CD2**		DATE: **11/07/2022** to **16/07/2012**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
30	HX								+89.21	30.00		V	As sheet 3 of 7.
31							5, 9 16, 22, 24, 28 N = 90	43 31.20 – 44 31.50 – 31.55					
32													
33							9, 15 18, 24, 27, 33 N = 102	45 33.20 – 46 33.50 – 33.55	+86.11	33.10		V/IV	Extremely weak to very weak, light greyish brown, completely to highly decomposed medium-grained GRANITE. (Slightly silty angular fine to coarse GRAVEL)
34													
35							7, 15 20, 26, 33, 34 N = 113	47 35.20 – 48 35.50 – 35.55					
36			100					49 36.00					
37							7, 16 21, 25, 34, 36 N = 116	50 37.00 – 37.10 – 51 37.20 – 52 37.50 – 37.55					
38													
39		4.45m at 18:00 14.7.22											
40		4.70m at 08:00 15.7.22					9, 16 21, 30, 38, 41 N = 130	53 39.20 – 54 39.50 – 39.55					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH9**
	CONTRACT NO.	SHEET **5** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,879.65 N 815,916.42**	W.O. No
MACHINE & No. **CD2**		DATE: **11/07/2022** to **16/07/2012**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
40									+79.21	40.00		V/IV	As sheet 4 of 7.
41							9, 17 19, 31, 40, 45 N = 135	55 41.20 56 **41.50** 41.55					
42													
43							10, 18 24, 34, 46, 53 N = 157	57 43.20 58 **43.50** 43.55					
44			100					59 44.00					
45							12, 17 24, 36, 40, 52 N = 152	60 **45.00** 45.10 61 45.20 62 **45.50** 45.55					
46													
47							7, 15 25, 35, 43, 53 N = 156	63 47.20 64 **47.50** 47.55					
48													
49							11, 18 27, 37, 44, 57 N = 165	65 49.20 66 **49.50** 49.55					
50													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH9**
	CONTRACT NO.	SHEET **6** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,879.65 N 815,916.42**	W.O. No
MACHINE & No. **CD2**		DATE: **11/07/2022** to **16/07/2012**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
50									+69.21	50.00		V/IV	As sheet 5 of 7.
51							12, 20 32, 37, 46, 60 N = 175	67 51.20 68 51.50 51.55					
52			100					69 52.00					
53							50/50mm 200/40mm N=200	70 53.00 71 53.19					
54													
55							50/40mm 200/30mm N=200	72 55.12 55.17					
56													
57							50/50mm 200/40mm N=200	73 57.14 57.19					
58													
59 15.7.22	HX 59.16	4.65m at 18:00											
16.7.22		4.52m at 08:00	100	97	86	3.3	50/30mm 200/20mm N=200	74 59.10 59.16 T2-101	+60.05	59.16		III	Strong, dark brownish grey, slightly decomposed medium-grained GRANITE. Joints are medium to widely spaced, rough undulating, clean, locally iron oxide stained, dipping at 10-20°, 40-50° and locally 70-80°.
60													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH9**
	CONTRACT NO.	SHEET **7** of **7**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,879.65 N 815,916.42**	W.O. No
MACHINE & No. **CD2**		DATE: **11/07/2022** to **16/07/2012**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+119.21** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
60									+59.21	60.00			
			100	97	86			T2-101 60.50				II	From 59.16m to 59.90m: Moderately strong, moderately decomposed. As sheet 6 of 7.
61			100	100	100	3.3		T2-101 61.90					
62			100	100	100			T2-101 63.14					
63			100	100	100			T2-101 64.26					
64			100	100	100	1.5		T2-101 65.75	+53.46	65.75			
65		6.80m at 18:00 16.7.22											End of Investigation Hole at 65.75m.
66													
67													
68													
69													
70													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **16/07/2022**

CHECKED **M/P.CHAN**

DATE **17/07/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH10**
	CONTRACT NO.	SHEET **1** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,875.73 N 815,941.79**	W.O. No
MACHINE & No. **CD8**		DATE: **23/07/2022** to **03/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+117.05** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
0									+117.05	0.00			
23.7.22	PX	NA at 08:00						A 0.40 0.50 I.P. B 0.90 1.00 C 1.40 1.50	+115.55	1.50			Greyish brown, angular medium to coarse GRAVEL sized rock fragments. (FILL)
1													
2			47					T2-101					Grey and brown, angular medium GRAVEL to BOULDER sized rock fragments. (FILL)
3			67					3.00 T2-101					
4								4.20					
5			44					T2-101					
6		4.20m at 18:00						6.00					
25.7.22		4.00m at 08:00						T2-101					
7			58					7.50	+109.55	7.50		V	Extremely weak, brownish grey, completely decomposed medium-grained GRANITE. (Silty fine to coarse SAND with many subangular fine gravel)
8								1 8.00					
9			100					2 9.00 9.10 3 9.20 4 9.50 9.55					
10							2, 2 3, 4, 3, 6 N = 16	5 10.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

One standpipe was installed at 10m.
One piezometer was installed at 18m.
Permeability tests were carried out at 4.50-6.00m and 10.00-11.50m.

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH10**
	CONTRACT NO.	SHEET **2** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,875.73 N 815,941.79**	W.O. No
MACHINE & No. **CD8**		DATE: **23/07/2022** to **03/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+117.05** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
10									+107.05	10.00		V	As sheet 1 of 8.
11			100				3, 4 4, 5, 6, 6 N = 21	6 11.00 11.10 7 11.20 8 11.50 11.55					
12			100					9 12.00					
13							3, 4 6, 6, 8, 9 N = 29	10 13.00 13.10 11 13.20 12 13.50 13.55					
14			100					13 14.00					
15							4, 6 9, 11, 11, 13 N = 44	14 15.00 15.10 15 15.20 16 15.50 15.55					
16			100					17 16.00					
17 25.7.22		5.80m at 18:00						18 17.00 17.10					
26.7.22		6.80m at 08:00					3, 7 11, 12, 12, 14 N = 49	19 17.20 20 17.50 17.55					
18			100					21 18.00					
19							5, 9 13, 15, 17, 18 N = 63	22 19.00 19.10 23 19.20 24 19.50 19.55					
20								25 20.00					

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH10**
	CONTRACT NO.	SHEET **3** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,875.73 N 815,941.79**	W.O. No
MACHINE & No. **CD8**		DATE: **23/07/2022** to **03/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+117.05** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
20									+97.05	20.00		V	As sheet 2 of 8.
21			100				4, 8 15, 18, 21, 22 N = 76	26 21.00 21.10 27 21.20 28 21.50 21.55					
22													
23							6, 12 17, 21, 23, 24 N = 85	29 23.20 30 23.50 23.55					
24													
25							5, 11 16, 19, 24, 28 N = 87	31 25.20 32 25.50 25.55					
26													
27							8, 14 19, 22, 25, 29 N = 95	33 27.20 34 27.50 27.55					
28			100					35 28.00					
29							7, 16 19, 22, 24, 32 N = 97	36 29.00 29.10 37 29.20 38 29.50 29.55					
30	PX 30.00												

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH10**
	CONTRACT NO.	SHEET **4** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,875.73 N 815,941.79**	W.O. No
MACHINE & No. **CD8**		DATE: **23/07/2022** to **03/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+117.05** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
30	HX								+87.05	30.00		V	As sheet 3 of 8.
31							9, 15 18, 24, 27, 33 N = 102	39 31.20 40 31.50 31.55					
32													
33							11, 15 21, 25, 31, 34 N = 111	41 33.20 42 33.50 33.55					
34													
35							10, 16 22, 24, 34, 36 N = 116	43 35.20 44 35.50 35.55					
36			100					45 36.00	+81.05	36.00		IV	Very weak, brownish grey, dappled brown, highly decomposed medium-grained GRANITE. (Angular fine to coarse GRAVEL)
37		5.90m at 18:00 26.7.22						46 37.00 37.10					
		7.40m at 08:00 27.7.22					8, 14 23, 27, 34, 41 N = 125	47 37.20 48 37.50 37.55					
38													
39							12, 18 24, 31, 35, 42 N = 132	49 39.20 50 39.50 39.55					
40													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH10**
	CONTRACT NO.	SHEET **5** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,875.73 N 815,941.79**	W.O. No
MACHINE & No. **CD8**		DATE: **23/07/2022** to **03/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+117.05** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
40									+77.05	40.00			
			100	96	86	3.8		40.08 T2-101 40.78	+76.97	40.08		III	As sheet 4 of 8. Moderately strong, brownish grey, moderately decomposed medium-grained GRANITE. Joints are medium spaced, rough undulating, iron oxide stained, dipping at 0-10° and locally 60-70°. (CORESTONE)
41			100	93	83			T2-101 41.38					
		6.40m at 18:00						51 41.46 41.61 41.68	+75.67	41.38			
27.7.22							50/60mm 200/50mm N=200		+75.37	41.68		IV	Very weak, light greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL)
28.7.22		10.20m at 08:00										III	Moderately strong, light brownish grey, moderately decomposed medium-grained GRANITE. Joints are medium spaced, rough undulating, iron oxide stained, dipping at 0-10° and 60-70°. (CORESTONE)
42			100	100	94	4.3		T2-101					
43							50/50mm 200/40mm N=200	43.06 43.14 52 43.19	+73.99	43.06		IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL in a sandy matrix)
44			100					53 44.00					
45								54 45.00 45.10	+72.05	45.00		III	Moderately strong, light brownish grey, moderately decomposed medium-grained GRANITE. Joints are medium spaced, rough undulating, iron oxide stained, dipping at 0-10° and locally 70-80°. (CORESTONE)
46			98	96	94	3.6		T2-101 46.40	+70.65	46.40			
							50/50mm 200/40mm N=200	55 46.54 46.59 46.74	+70.31	46.74		IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL in a sandy matrix)
47			100	99	99	2.6		T2-101 48.28				III	Moderately strong, light brownish grey, moderately decomposed medium-grained GRANITE. Joints are medium, locally closely spaced, rough undulating, iron oxide stained, dipping at 0-10°, 40-50° and locally 70-80°. (CORESTONE)
48		9.70m at 18:00											
28.7.22			91	82	0	13.6	50/80mm 200/40mm N=200	T2-101 48.50 56 48.59	+68.55	48.50			
29.7.22		11.80m at 08:00										IV	Very weak, light greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL)
49													
50													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH10**
	CONTRACT NO.	SHEET **6** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,875.73 N 815,941.79**	W.O. No
MACHINE & No. **CD8**		DATE: **23/07/2022** to **03/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+117.05** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
50									+67.05	50.00		IV	As sheet 5 of 8.
51							50/50mm 200/40mm N=200	57 50.54 50.59					
								51.39	+65.66	51.39		III	Moderately strong, light grey, moderately decomposed medium-grained GRANITE. Joints are medium spaced, rough undulating, iron oxide stained, dipping at 0-10° and 30-40°. (CORESTONE)
			100	100	100	3.5		T2-101					
52							50/60mm 200/50mm N=200	51.96	+65.09	51.96			
								58 52.06 52.11				IV	Very weak, light greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL)
								52.50	+64.55	52.50		III	Moderately strong, light grey, moderately decomposed medium-grained GRANITE. Joints are medium spaced, rough undulating, iron oxide stained, dipping at 0-10° and 30-40°. (CORESTONE)
53		12.50m at 18:00	100	98	98	4.3		T2-101					
29.7.22								53.42	+63.63	53.42			
30.7.22		13.10m at 08:00					50/50mm 200/40mm N=200	59 53.54 53.59				IV	Very weak, greyish brown, highly decomposed medium-grained GRANITE. (Angular fine to medium GRAVEL)
54													
55													
							50/50mm 200/40mm N=200	60 55.54 55.59					
56													
57													
							50/60mm 200/40mm N=200	61 57.55 57.60					
58													
59													
							50/50mm 200/40mm N=200	62 59.54 59.59					
60													

● Small Disturbed Sample
□ Piston Sample
▨ U76 Undisturbed Sample
■ U100 Undisturbed Sample
▨ Mazier Sample
▯ SPT Liner Sample
△ Water Sample

↓ Standard Penetration Test
V In-situ Vane Shear Test
⊥ Permeability Test
○ Televiewer Survey
□ Packer Test
▲ Piezometer Tip
△ Standpipe Tip

LOGGED **H.S.TSANG**
DATE **05/08/2022**
CHECKED **M/P.CHAN**
DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH10**
	CONTRACT NO.	SHEET **7** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,875.73 N 815,941.79**	W.O. No
MACHINE & No. **CD8**		DATE: **23/07/2022** to **03/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+117.05** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
60									+57.05	60.00		IV	As sheet 6 of 8.
30.7.22		6.80m at 18:00	10					63 60.50 60.60					
1.8.22		7.50m at 08:00											
61							50/50mm 200/40mm N=200	64 61.54 61.59					
62													
63							50/50mm 200/50mm N=200	65 63.55 63.60					
64													
65													
66	HX 66.15						50/50mm 200/40mm N=200	66 65.54 65.59					
								66.15	+50.90	66.15		III	Moderately strong, brownish grey, moderately decomposed medium-grained GRANITE. Joints are medium to closely spaced, rough undulating, iron oxide stained, dipping at 0-10°, 30-40° and 65-75°.
67			99	92	85			T2-101					
								67.57					
68			100	87	58	8.5		T2-101					
69		8.40m at 18:00						69.12					
1.8.22													
2.8.22		9.20m at 08:00	99	81	71			T2-101					
70													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

WING WO GEOTECHNICAL ENG. LIMITED	**DRILLHOLE RECORD**	HOLE NO. **DH10**
	CONTRACT NO.	SHEET **8** of **8**

PROJECT **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**

METHOD **RC**	CO-ORDINATES **E 832,875.73 N 815,941.79**	W.O. No
MACHINE & No. **CD8**		DATE: **23/07/2022** to **03/08/2022**
FLUSHING MEDIUM **AIR FOAM**	ORIENTATION **VERTICAL**	GROUND LEVEL **+117.05** mPD

Drilling Progress	Casing size	Water level (m) Shift start/ end	T.C.R.(%)	S.C.R.(%)	R.Q.D.(%)	F.I.	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
70									+47.05	70.00			
2.8.22		10.50m at 18:00	99	81	71	8.5		T2-101 70.52				III	As sheet 7 of 8.
3.8.22		6.90m at 08:00											
71			99	92	86	4.1		T2-101					
72 3.8.22		10.50m at 18:00						72.07	+44.98	72.07			End of Investigation Hole at 72.07m.
73													
74													
75													
76													
77													
78													
79													
80													

- Small Disturbed Sample
- Piston Sample
- U76 Undisturbed Sample
- U100 Undisturbed Sample
- Mazier Sample
- SPT Liner Sample
- Water Sample
- Standard Penetration Test
- In-situ Vane Shear Test
- Permeability Test
- Televiewer Survey
- Packer Test
- Piezometer Tip
- Standpipe Tip

LOGGED **H.S.TSANG**

DATE **05/08/2022**

CHECKED **M/P.CHAN**

DATE **06/08/2022**

REMARKS

APPENDIX G

Groundwater Level Monitoring Records

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH1

Contract No. :		**Standpipe/Piezometer***	**Standpipe**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832878.930**
		N	**815948.200**
		Ground Level :	**+109.90mPD**
		Depth :	**6.00m**
Date of Installation :	**06-Jul-22**	**Tip Level :**	**+103.90mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
7-Jul-22	AM	1.25	+108.65	Fine
8-Jul-22	AM	1.54	+108.36	Fine
9-Jul-22	AM	1.34	+108.56	Fine
10-Jul-22	Sunday			
11-Jul-22	AM	1.44	+108.46	Fine
12-Jul-22	AM	1.50	+108.40	Fine
13-Jul-22	AM	1.54	+108.36	Fine
14-Jul-22	AM	1.25	+108.65	Fine
15-Jul-22	AM	1.38	+108.52	Fine
16-Jul-22	AM	1.30	+108.60	Rainy
17-Jul-22	Sunday			
18-Jul-22	AM	1.49	+108.41	Fine
19-Jul-22	AM	1.25	+108.65	Rainy
20-Jul-22	AM	1.34	+108.56	Fine
21-Jul-22	AM	1.41	+108.49	Fine
22-Jul-22	AM	1.53	+108.37	Fine
23-Jul-22	AM	1.59	+108.31	Fine
24-Jul-22	Sunday			
25-Jul-22	AM	1.39	+108.51	Fine
26-Jul-22	AM	1.30	+108.60	Fine
27-Jul-22	AM	1.37	+108.53	Fine
28-Jul-22	AM	1.28	+108.62	Fine
29-Jul-22	AM	1.36	+108.54	Fine
30-Jul-22	AM	1.30	+108.60	Fine
31-Jul-22	Sunday			
1-Aug-22	AM	1.38	+108.52	Fine
2-Aug-22	AM	1.27	+108.63	Fine
3-Aug-22	AM	1.22	+108.68	Rainy
4-Aug-22	AM	1.29	+108.61	Rainy
5-Aug-22	AM	1.28	+108.62	Rainy

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH1

Contract No. :		**Standpipe/Piezometer***	**Standpipe**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832878.930**
		N	**815948.200**
		Ground Level :	**+109.90mPD**
		Depth :	**6.00m**
Date of Installation :	**06-Jul-22**	**Tip Level :**	**+103.90mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
6-Aug-22	AM	1.24	+108.66	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	1.18	+108.72	Rainy
9-Aug-22	AM	1.17	+108.73	Rainy
10-Aug-22	AM	1.26	+108.64	Rainy
11-Aug-22	AM	1.31	+108.59	Fine
12-Aug-22	AM	1.24	+108.66	Rainy
13-Aug-22	AM	1.13	+108.77	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	1.32	+108.58	Fine
16-Aug-22	AM	1.42	+108.48	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH1

Contract No. :		**Standpipe/Piezometer***	**Piezometer**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832878.930**
		N	**815948.200**
		Ground Level :	**+109.90mPD**
		Depth :	**16.00m**
Date of Installation :	**06-Jul-22**	**Tip Level :**	**+93.90mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
7-Jul-22	AM	6.11	+103.79	Fine
8-Jul-22	AM	6.65	+103.25	Fine
9-Jul-22	AM	6.42	+103.48	Fine
10-Jul-22	Sunday			
11-Jul-22	AM	6.53	+103.37	Fine
12-Jul-22	AM	6.60	+103.30	Fine
13-Jul-22	AM	6.61	+103.29	Fine
14-Jul-22	AM	6.08	+103.82	Fine
15-Jul-22	AM	6.69	+103.21	Fine
16-Jul-22	AM	6.42	+103.48	Rainy
17-Jul-22	Sunday			
18-Jul-22	AM	6.79	+103.11	Fine
19-Jul-22	AM	6.07	+103.83	Rainy
20-Jul-22	AM	6.26	+103.64	Fine
21-Jul-22	AM	6.43	+103.47	Fine
22-Jul-22	AM	6.67	+103.23	Fine
23-Jul-22	AM	6.73	+103.17	Fine
24-Jul-22	Sunday			
25-Jul-22	AM	6.33	+103.57	Fine
26-Jul-22	AM	6.21	+103.69	Fine
27-Jul-22	AM	6.40	+103.50	Fine
28-Jul-22	AM	6.32	+103.58	Fine
29-Jul-22	AM	6.49	+103.41	Fine
30-Jul-22	AM	6.40	+103.50	Fine
31-Jul-22	Sunday			
1-Aug-22	AM	6.47	+103.43	Fine
2-Aug-22	AM	6.26	+103.64	Fine
3-Aug-22	AM	6.07	+103.83	Rainy
4-Aug-22	AM	6.14	+103.76	Rainy
5-Aug-22	AM	6.13	+103.77	Rainy

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH1

Contract No. :		**Standpipe/Piezometer***	**Piezometer**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832878.930**
		N	**815948.200**
		Ground Level :	**+109.90mPD**
		Depth :	**16.00m**
Date of Installation :	**06-Jul-22**	**Tip Level :**	**+93.90mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
6-Aug-22	AM	6.07	+103.83	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	6.00	+103.90	Rainy
9-Aug-22	AM	5.98	+103.92	Rainy
10-Aug-22	AM	6.13	+103.77	Rainy
11-Aug-22	AM	6.33	+103.57	Fine
12-Aug-22	AM	6.24	+103.66	Rainy
13-Aug-22	AM	5.90	+104.00	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	6.15	+103.75	Fine
16-Aug-22	AM	6.39	+103.51	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH2

Contract No. :		**Standpipe/Piezometer***	**Standpipe**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832888.180**
		N	**815949.900**
		Ground Level :	**+109.90mPD**
		Depth :	**6.00m**
Date of Installation :	**22-Jun-22**	**Tip Level :**	**+103.90mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
23-Jun-22	AM	0.73	+109.17	Fine
24-Jun-22	AM	0.85	+109.05	Fine
25-Jun-22	AM	0.75	+109.15	Fine
26-Jun-22	Sunday			
27-Jun-22	AM	0.77	+109.13	Fine
28-Jun-22	AM	0.83	+109.07	Fine
29-Jun-22	AM	0.75	+109.15	Fine
30-Jun-22	AM	0.70	+109.20	Rainy
1-Jul-22	Public Holiday			
2-Jul-22	Typhoon Signal No. 8			
3-Jul-22	Sunday			
4-Jul-22	AM	0.85	+109.05	Rainy
5-Jul-22	AM	0.75	+109.15	Rainy
6-Jul-22	AM	0.80	+109.10	Rainy
7-Jul-22	AM	0.85	+109.05	Fine
8-Jul-22	AM	0.76	+109.14	Fine
9-Jul-22	AM	0.84	+109.06	Fine
10-Jul-22	Sunday			
11-Jul-22	AM	0.79	+109.11	Fine
12-Jul-22	AM	0.80	+109.10	Fine
13-Jul-22	AM	0.85	+109.05	Fine
14-Jul-22	AM	0.78	+109.12	Fine
15-Jul-22	AM	0.70	+109.20	Fine
16-Jul-22	AM	0.73	+109.17	Rainy
17-Jul-22	Sunday			
18-Jul-22	AM	0.86	+109.04	Fine
19-Jul-22	AM	0.70	+109.20	Rainy
20-Jul-22	AM	0.79	+109.11	Fine
21-Jul-22	AM	0.83	+109.07	Fine
22-Jul-22	AM	0.86	+109.04	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH2

Contract No. :		**Standpipe/Piezometer***	**Standpipe**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832888.180**
		N	**815949.900**
		Ground Level :	**+109.90mPD**
		Depth :	**6.00m**
Date of Installation :	**22-Jun-22**	**Tip Level :**	**+103.90mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
23-Jul-22	AM	0.90	+109.00	Fine
24-Jul-22	Sunday			
25-Jul-22	AM	0.83	+109.07	Fine
26-Jul-22	AM	0.73	+109.17	Fine
27-Jul-22	AM	0.85	+109.05	Fine
28-Jul-22	AM	0.79	+109.11	Fine
29-Jul-22	AM	0.88	+109.02	Fine
30-Jul-22	AM	0.75	+109.15	Fine
31-Jul-22	Sunday			
1-Aug-22	AM	0.83	+109.07	Fine
2-Aug-22	AM	0.76	+109.14	Fine
3-Aug-22	AM	0.70	+109.20	Rainy
4-Aug-22	AM	0.74	+109.16	Rainy
5-Aug-22	AM	0.72	+109.18	Rainy
6-Aug-22	AM	0.68	+109.22	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	0.63	+109.27	Rainy
9-Aug-22	AM	0.60	+109.30	Rainy
10-Aug-22	AM	0.67	+109.23	Rainy
11-Aug-22	AM	0.74	+109.16	Fine
12-Aug-22	AM	0.72	+109.18	Rainy
13-Aug-22	AM	0.71	+109.19	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	0.76	+109.14	Fine
16-Aug-22	AM	0.82	+109.08	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH2

Contract No. :		**Standpipe/Piezometer***	**Piezometer**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832888.180**
		N	**815949.900**
		Ground Level :	**+109.90mPD**
		Depth :	**16.00m**
Date of Installation :	**22-Jun-22**	**Tip Level :**	**+93.90mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
23-Jun-22	AM	14.10	+95.80	Fine
24-Jun-22	AM	10.70	+99.20	Fine
25-Jun-22	AM	13.50	+96.40	Fine
26-Jun-22	Sunday			
27-Jun-22	AM	11.40	+98.50	Fine
28-Jun-22	AM	12.74	+97.16	Fine
29-Jun-22	AM	13.80	+96.10	Fine
30-Jun-22	AM	10.70	+99.20	Rainy
1-Jul-22	Public Holiday			
2-Jul-22	Typhoon Signal No. 8			
3-Jul-22	Sunday			
4-Jul-22	AM	10.90	+99.00	Rainy
5-Jul-22	AM	12.70	+97.20	Rainy
6-Jul-22	AM	13.30	+96.60	Rainy
7-Jul-22	AM	10.70	+99.20	Fine
8-Jul-22	AM	13.55	+96.35	Fine
9-Jul-22	AM	12.80	+97.10	Fine
10-Jul-22	Sunday			
11-Jul-22	AM	11.90	+98.00	Fine
12-Jul-22	AM	10.93	+98.97	Fine
13-Jul-22	AM	10.70	+99.20	Fine
14-Jul-22	AM	11.56	+98.34	Fine
15-Jul-22	AM	10.73	+99.17	Fine
16-Jul-22	AM	12.30	+97.60	Rainy
17-Jul-22	Sunday			
18-Jul-22	AM	13.73	+96.17	Fine
19-Jul-22	AM	10.44	+99.46	Rainy
20-Jul-22	AM	12.34	+97.56	Fine
21-Jul-22	AM	13.05	+96.85	Fine
22-Jul-22	AM	12.97	+96.93	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH2

Contract No. :		**Standpipe/Piezometer***	**Piezometer**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832888.180**
		N	**815949.900**
		Ground Level :	**+109.90mPD**
		Depth :	**16.00m**
Date of Installation :	**22-Jun-22**	**Tip Level :**	**+93.90mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
23-Jul-22	AM	13.34	+96.56	Fine
24-Jul-22	Sunday			
25-Jul-22	AM	12.64	+97.26	Fine
26-Jul-22	AM	10.63	+99.27	Fine
27-Jul-22	AM	11.35	+98.55	Fine
28-Jul-22	AM	13.45	+96.45	Fine
29-Jul-22	AM	12.45	+97.45	Fine
30-Jul-22	AM	11.39	+98.51	Fine
31-Jul-22	Sunday			
1-Aug-22	AM	12.49	+97.41	Fine
2-Aug-22	AM	11.33	+98.57	Fine
3-Aug-22	AM	11.49	+98.41	Rainy
4-Aug-22	AM	11.54	+98.36	Rainy
5-Aug-22	AM	11.52	+98.38	Rainy
6-Aug-22	AM	10.89	+99.01	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	10.72	+99.18	Rainy
9-Aug-22	AM	10.70	+99.20	Rainy
10-Aug-22	AM	11.36	+98.54	Rainy
11-Aug-22	AM	12.63	+97.27	Fine
12-Aug-22	AM	11.56	+98.34	Rainy
13-Aug-22	AM	12.90	+97.00	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	13.40	+96.50	Fine
16-Aug-22	AM	13.69	+96.21	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH3

Contract No. :		**Standpipe/Piezometer***	**Standpipe**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832877.160**
		N	**815935.160**
		Ground Level :	**+119.21mPD**
		Depth :	**12.00m**
Date of Installation :	**23-Jun-22**	**Tip Level :**	**+107.21mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
24-Jun-22	AM	9.10	+110.11	Fine
25-Jun-22	AM	9.07	+110.14	Fine
26-Jun-22	Sunday			
27-Jun-22	AM	8.83	+110.38	Fine
28-Jun-22	AM	8.64	+110.57	Fine
29-Jun-22	AM	8.80	+110.41	Fine
30-Jun-22	AM	8.20	+111.01	Rainy
1-Jul-22	Public Holiday			
2-Jul-22	Typhoon Signal No. 8			
3-Jul-22	Sunday			
4-Jul-22	AM	8.80	+110.41	Rainy
5-Jul-22	AM	8.30	+110.91	Rainy
6-Jul-22	AM	8.50	+110.71	Rainy
7-Jul-22	AM	8.64	+110.57	Fine
8-Jul-22	AM	8.64	+110.57	Fine
9-Jul-22	AM	8.83	+110.38	Fine
10-Jul-22	Sunday			
11-Jul-22	AM	8.65	+110.56	Fine
12-Jul-22	AM	8.43	+110.78	Fine
13-Jul-22	AM	8.64	+110.57	Fine
14-Jul-22	AM	8.20	+111.01	Fine
15-Jul-22	AM	8.50	+110.71	Fine
16-Jul-22	AM	8.34	+110.87	Rainy
17-Jul-22	Sunday			
18-Jul-22	AM	8.79	+110.42	Fine
19-Jul-22	AM	8.14	+111.07	Rainy
20-Jul-22	AM	8.53	+110.68	Fine
21-Jul-22	AM	8.69	+110.52	Fine
22-Jul-22	AM	8.83	+110.38	Fine
23-Jul-22	AM	8.93	+110.28	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH3

Contract No. :		**Standpipe/Piezometer***	**Standpipe**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832877.160**
		N	**815935.160**
		Ground Level :	**+119.21mPD**
		Depth :	**12.00m**
Date of Installation :	**23-Jun-22**	**Tip Level :**	**+107.21mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
24-Jul-22	Sunday			
25-Jul-22	AM	8.41	+110.80	Fine
26-Jul-22	AM	8.24	+110.97	Fine
27-Jul-22	AM	8.33	+110.88	Fine
28-Jul-22	AM	8.44	+110.77	Fine
29-Jul-22	AM	8.57	+110.64	Fine
30-Jul-22	AM	8.39	+110.82	Fine
31-Jul-22	Sunday			
1-Aug-22	AM	8.42	+110.79	Fine
2-Aug-22	AM	8.24	+110.97	Fine
3-Aug-22	AM	8.07	+111.14	Rainy
4-Aug-22	AM	8.16	+111.05	Rainy
5-Aug-22	AM	8.14	+111.07	Rainy
6-Aug-22	AM	8.14	+111.07	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	8.01	+111.20	Rainy
9-Aug-22	AM	7.96	+111.25	Rainy
10-Aug-22	AM	8.06	+111.15	Rainy
11-Aug-22	AM	8.19	+111.02	Fine
12-Aug-22	AM	8.11	+111.10	Rainy
13-Aug-22	AM	8.37	+110.84	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	8.42	+110.79	Fine
16-Aug-22	AM	8.54	+110.67	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH3

Contract No. :		**Standpipe/Piezometer***	**Piezometer**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832877.160**
		N	**815935.160**
		Ground Level :	**+119.21mPD**
		Depth :	**20.00m**
Date of Installation :	**23-Jun-22**	**Tip Level :**	**+99.21mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
24-Jun-22	AM	6.55	+112.66	Fine
25-Jun-22	AM	6.45	+112.76	Fine
26-Jun-22	Sunday			
27-Jun-22	AM	2.96	+116.25	Fine
28-Jun-22	AM	2.73	+116.48	Fine
29-Jun-22	AM	2.98	+116.23	Fine
30-Jun-22	AM	2.34	+116.87	Rainy
1-Jul-22	Public Holiday			
2-Jul-22	Typhoon Signal No. 8			
3-Jul-22	Sunday			
4-Jul-22	AM	2.92	+116.29	Rainy
5-Jul-22	AM	2.47	+116.74	Rainy
6-Jul-22	AM	2.63	+116.58	Rainy
7-Jul-22	AM	2.73	+116.48	Fine
8-Jul-22	AM	4.00	+115.21	Fine
9-Jul-22	AM	4.43	+114.78	Fine
10-Jul-22	Sunday			
11-Jul-22	AM	3.73	+115.48	Fine
12-Jul-22	AM	3.93	+115.28	Fine
13-Jul-22	AM	2.72	+116.49	Fine
14-Jul-22	AM	2.34	+116.87	Fine
15-Jul-22	AM	2.69	+116.52	Fine
16-Jul-22	AM	2.44	+116.77	Rainy
17-Jul-22	Sunday			
18-Jul-22	AM	3.03	+116.18	Fine
19-Jul-22	AM	2.74	+116.47	Rainy
20-Jul-22	AM	2.93	+116.28	Fine
21-Jul-22	AM	3.34	+115.87	Fine
22-Jul-22	AM	4.36	+114.85	Fine
23-Jul-22	AM	4.46	+114.75	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH3

Contract No. :		**Standpipe/Piezometer***	**Piezometer**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832877.160**
		N	**815935.160**
		Ground Level :	**+119.21mPD**
		Depth :	**20.00m**
Date of Installation :	**23-Jun-22**	**Tip Level :**	**+99.21mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
24-Jul-22	Sunday			
25-Jul-22	AM	4.10	+115.11	Fine
26-Jul-22	AM	3.63	+115.58	Fine
27-Jul-22	AM	3.84	+115.37	Fine
28-Jul-22	AM	4.01	+115.20	Fine
29-Jul-22	AM	4.44	+114.77	Fine
30-Jul-22	AM	3.69	+115.52	Fine
31-Jul-22	Sunday			
1-Aug-22	AM	3.79	+115.42	Fine
2-Aug-22	AM	3.44	+115.77	Fine
3-Aug-22	AM	3.21	+116.00	Rainy
4-Aug-22	AM	3.29	+115.92	Rainy
5-Aug-22	AM	3.27	+115.94	Rainy
6-Aug-22	AM	3.22	+115.99	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	3.12	+116.09	Rainy
9-Aug-22	AM	3.08	+116.13	Rainy
10-Aug-22	AM	3.19	+116.02	Rainy
11-Aug-22	AM	3.26	+115.95	Fine
12-Aug-22	AM	3.20	+116.01	Rainy
13-Aug-22	AM	5.97	+113.24	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	6.08	+113.13	Fine
16-Aug-22	AM	6.12	+113.09	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH5

Contract No. :		**Standpipe/Piezometer***	**Standpipe**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832896.010**
		N	**815937.820**
		Ground Level :	**+119.21mPD**
		Depth :	**12.00m**
Date of Installation :	**19-Jul-22**	**Tip Level :**	**+107.21mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
20-Jul-22	AM	6.16	+113.05	Fine
21-Jul-22	AM	6.47	+112.74	Fine
22-Jul-22	AM	6.69	+112.52	Fine
23-Jul-22	AM	6.73	+112.48	Fine
24-Jul-22	Sunday			
25-Jul-22	AM	6.51	+112.70	Fine
26-Jul-22	AM	6.12	+113.09	Fine
27-Jul-22	AM	6.45	+112.76	Fine
28-Jul-22	AM	6.32	+112.89	Fine
29-Jul-22	AM	6.69	+112.52	Fine
30-Jul-22	AM	6.55	+112.66	Fine
31-Jul-22	Sunday			
1-Aug-22	AM	6.59	+112.62	Fine
2-Aug-22	AM	6.31	+112.90	Fine
3-Aug-22	AM	6.11	+113.10	Rainy
4-Aug-22	AM	6.17	+113.04	Rainy
5-Aug-22	AM	6.10	+113.11	Rainy
6-Aug-22	AM	6.02	+113.19	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	6.00	+113.21	Rainy
9-Aug-22	AM	5.85	+113.36	Rainy
10-Aug-22	AM	5.60	+113.61	Rainy
11-Aug-22	AM	5.45	+113.76	Fine
12-Aug-22	AM	5.24	+113.97	Rainy
13-Aug-22	AM	5.08	+114.13	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	4.90	+114.31	Fine
16-Aug-22	AM	4.90	+114.31	Fine
17-Aug-22	AM	4.87	+114.34	Fine
18-Aug-22	AM	4.85	+114.36	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH5

Contract No. :		**Standpipe/Piezometer***	**Piezometer**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832896.010**
		N	**815937.820**
		Ground Level :	**+119.21mPD**
		Depth :	**20.00m**
Date of Installation :	**19-Jul-22**	**Tip Level :**	**+99.21mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
20-Jul-22	AM	6.13	+113.08	Fine
21-Jul-22	AM	6.44	+112.77	Fine
22-Jul-22	AM	6.73	+112.48	Fine
23-Jul-22	AM	6.77	+112.44	Fine
24-Jul-22	Sunday			
25-Jul-22	AM	6.47	+112.74	Fine
26-Jul-22	AM	6.10	+113.11	Fine
27-Jul-22	AM	6.36	+112.85	Fine
28-Jul-22	AM	6.28	+112.93	Fine
29-Jul-22	AM	6.54	+112.67	Fine
30-Jul-22	AM	6.42	+112.79	Fine
31-Jul-22	Sunday			
1-Aug-22	AM	6.49	+112.72	Fine
2-Aug-22	AM	6.28	+112.93	Fine
3-Aug-22	AM	6.16	+113.05	Rainy
4-Aug-22	AM	6.22	+112.99	Rainy
5-Aug-22	AM	6.20	+113.01	Rainy
6-Aug-22	AM	6.15	+113.06	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	6.02	+113.19	Rainy
9-Aug-22	AM	6.00	+113.21	Rainy
10-Aug-22	AM	6.12	+113.09	Rainy
11-Aug-22	AM	6.28	+112.93	Fine
12-Aug-22	AM	6.21	+113.00	Rainy
13-Aug-22	AM	5.73	+113.48	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	6.05	+113.16	Fine
16-Aug-22	AM	6.12	+113.09	Fine
17-Aug-22	AM	6.18	+113.03	Fine
18-Aug-22	AM	6.16	+113.05	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH9

Contract No. :		**Standpipe/Piezometer***	**Standpipe**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832879.650**
		N	**815916.420**
		Ground Level :	**+119.21mPD**
		Depth :	**12.00m**
Date of Installation :	**19-Jul-22**	**Tip Level :**	**+107.21mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
20-Jul-22	AM	0.80	+118.41	Fine
21-Jul-22	AM	0.94	+118.27	Fine
22-Jul-22	AM	1.24	+117.97	Fine
23-Jul-22	AM	1.30	+117.91	Fine
24-Jul-22	Sunday			
25-Jul-22	AM	1.10	+118.11	Fine
26-Jul-22	AM	0.84	+118.37	Fine
27-Jul-22	AM	0.99	+118.22	Fine
28-Jul-22	AM	1.13	+118.08	Fine
29-Jul-22	AM	0.97	+118.24	Fine
30-Jul-22	AM	0.89	+118.32	Fine
31-Jul-22	Sunday			
1-Aug-22	AM	0.95	+118.26	Fine
2-Aug-22	AM	0.78	+118.43	Fine
3-Aug-22	AM	0.73	+118.48	Rainy
4-Aug-22	AM	0.80	+118.41	Rainy
5-Aug-22	AM	0.82	+118.39	Rainy
6-Aug-22	AM	0.76	+118.45	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	0.72	+118.49	Rainy
9-Aug-22	AM	0.70	+118.51	Rainy
10-Aug-22	AM	0.74	+118.47	Rainy
11-Aug-22	AM	0.80	+118.41	Fine
12-Aug-22	AM	0.76	+118.45	Rainy
13-Aug-22	AM	0.50	+118.71	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	0.46	+118.75	Fine
16-Aug-22	AM	0.48	+118.73	Fine
17-Aug-22	AM	0.52	+118.69	Fine
18-Aug-22	AM	0.55	+118.66	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH9

Contract No. :		**Standpipe/Piezometer***	**Piezometer**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832879.650**
		N	**815916.420**
		Ground Level :	**+119.21mPD**
		Depth :	**20.00m**
Date of Installation :	**19-Jul-22**	**Tip Level :**	**+99.21mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
20-Jul-22	AM	0.60	+118.61	Fine
21-Jul-22	AM	0.75	+118.46	Fine
22-Jul-22	AM	0.98	+118.23	Fine
23-Jul-22	AM	1.10	+118.11	Fine
24-Jul-22	Sunday			
25-Jul-22	AM	0.85	+118.36	Fine
26-Jul-22	AM	0.64	+118.57	Fine
27-Jul-22	AM	0.89	+118.32	Fine
28-Jul-22	AM	1.07	+118.14	Fine
29-Jul-22	AM	0.86	+118.35	Fine
30-Jul-22	AM	0.82	+118.39	Fine
31-Jul-22	Sunday			
1-Aug-22	AM	0.89	+118.32	Fine
2-Aug-22	AM	0.83	+118.38	Fine
3-Aug-22	AM	0.80	+118.41	Rainy
4-Aug-22	AM	0.87	+118.34	Rainy
5-Aug-22	AM	0.89	+118.32	Rainy
6-Aug-22	AM	0.79	+118.42	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	0.76	+118.45	Rainy
9-Aug-22	AM	0.74	+118.47	Rainy
10-Aug-22	AM	0.79	+118.42	Rainy
11-Aug-22	AM	0.84	+118.37	Fine
12-Aug-22	AM	0.80	+118.41	Rainy
13-Aug-22	AM	0.97	+118.24	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	0.80	+118.41	Fine
16-Aug-22	AM	0.82	+118.39	Fine
17-Aug-22	AM	0.84	+118.37	Fine
18-Aug-22	AM	0.84	+118.37	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH10

Contract No. :		**Standpipe/Piezometer***	**Standpipe**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832875.730**
		N	**815941.790**
		Ground Level :	**+117.05mPD**
		Depth :	**10.00m**
Date of Installation :	**03-Aug-22**	**Tip Level :**	**+107.05mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
4-Aug-22	AM	7.30	+109.75	Rainy
5-Aug-22	AM	7.28	+109.77	Rainy
6-Aug-22	AM	7.20	+109.85	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	7.08	+109.97	Rainy
9-Aug-22	AM	7.04	+110.01	Rainy
10-Aug-22	AM	7.14	+109.91	Rainy
11-Aug-22	AM	7.21	+109.84	Fine
12-Aug-22	AM	7.13	+109.92	Rainy
13-Aug-22	AM	7.28	+109.77	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	7.32	+109.73	Fine
16-Aug-22	AM	7.38	+109.67	Fine
17-Aug-22	AM	7.30	+109.75	Fine
18-Aug-22	AM	7.34	+109.71	Fine
19-Aug-22	AM	7.38	+109.67	Fine
20-Aug-22	AM	7.36	+109.69	Fine
21-Aug-22	Sunday			
22-Aug-22	AM	7.40	+109.65	Fine
23-Aug-22	AM	7.39	+109.66	Fine
24-Aug-22	AM	7.41	+109.64	Fine
25-Aug-22	AM	7.19	+109.86	Rainy
26-Aug-22	AM	7.29	+109.76	Fine
27-Aug-22	AM	7.38	+109.67	Fine
28-Aug-22	Sunday			
29-Aug-22	AM	7.41	+109.64	Fine
30-Aug-22	AM	7.43	+109.62	Fine
31-Aug-22	AM	7.41	+109.64	Fine
1-Sep-22	AM	7.41	+109.64	Fine
2-Sep-22	AM	7.43	+109.62	Fine

Remarks :

WING WO GEOTECHNICAL ENG. LIMITED 永和土力工程有限公司

WATER LEVEL MONITORING RECORD

Drillhole No. DH10

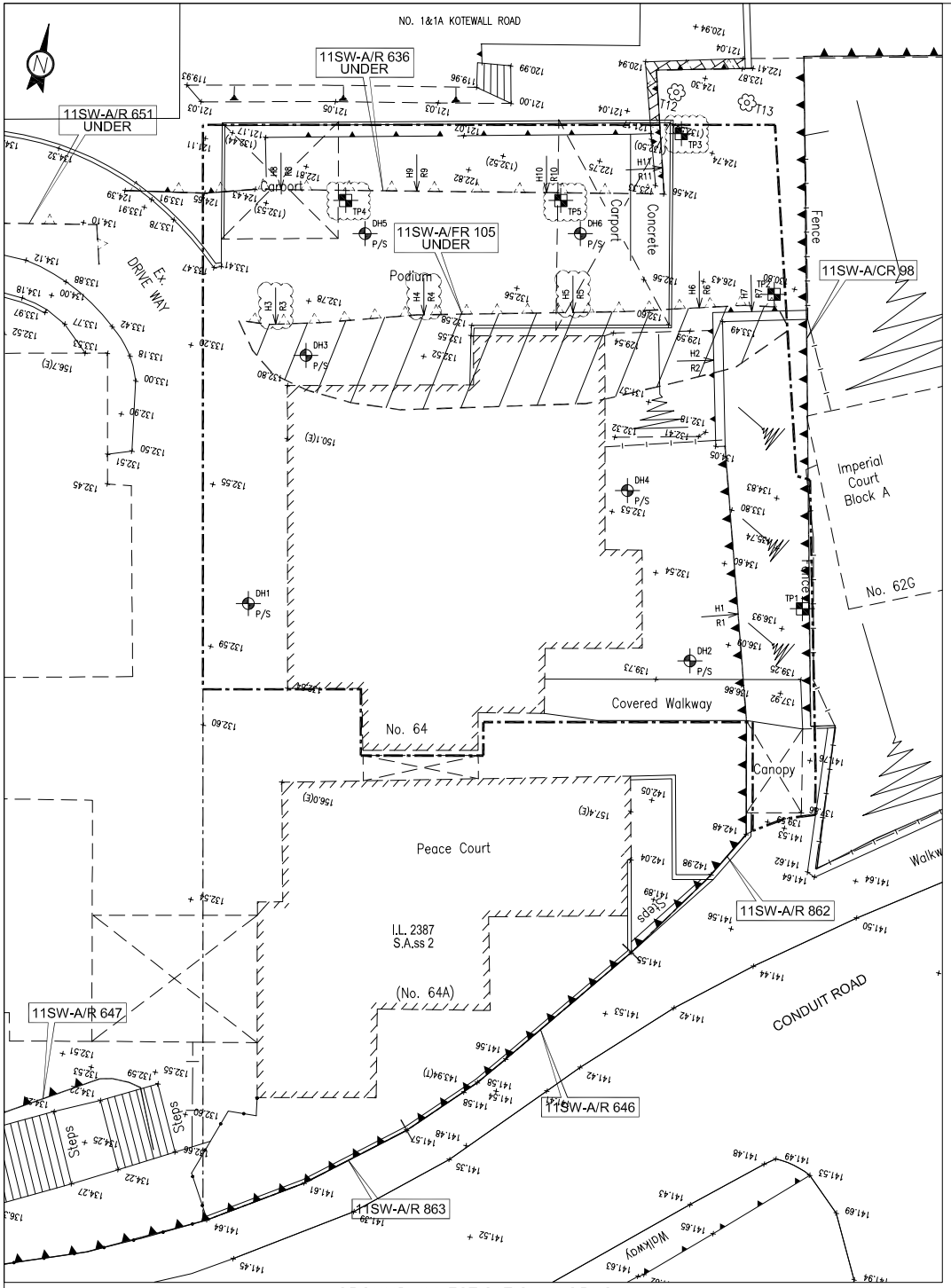
Contract No. :		**Standpipe/Piezometer***	**Piezometer**
Task Order No. :		**Co-ordinates :**	
Project:	**Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong**	**E**	**832875.730**
		N	**815941.790**
		Ground Level :	**+117.05mPD**
		Depth :	**18.00m**
Date of Installation :	**03-Aug-22**	**Tip Level :**	**+99.05mPD**
Measured By :	**Ben Chung**	**Dip Meter I.D. :**	**DM11**

Date	Time	Ground Water Level		Weather
		Depth below Ground Level (m)	Reduced Level (mPD)	
4-Aug-22	AM	9.70	+107.35	Rainy
5-Aug-22	AM	9.68	+107.37	Rainy
6-Aug-22	AM	9.59	+107.46	Rainy
7-Aug-22	Sunday			
8-Aug-22	AM	9.50	+107.55	Rainy
9-Aug-22	AM	9.46	+107.59	Rainy
10-Aug-22	AM	9.54	+107.51	Rainy
11-Aug-22	AM	9.69	+107.36	Fine
12-Aug-22	AM	9.51	+107.54	Rainy
13-Aug-22	AM	9.84	+107.21	Fine
14-Aug-22	Sunday			
15-Aug-22	AM	9.88	+107.17	Fine
16-Aug-22	AM	9.99	+107.06	Fine
17-Aug-22	AM	9.92	+107.13	Fine
18-Aug-22	AM	9.94	+107.11	Fine
19-Aug-22	AM	9.97	+107.08	Fine
20-Aug-22	AM	9.97	+107.08	Fine
21-Aug-22	Sunday			
22-Aug-22	AM	10.00	+107.05	Fine
23-Aug-22	AM	9.97	+107.08	Fine
24-Aug-22	AM	9.99	+107.06	Fine
25-Aug-22	AM	9.82	+107.23	Rainy
26-Aug-22	AM	9.91	+107.14	Fine
27-Aug-22	AM	9.98	+107.07	Fine
28-Aug-22	Sunday			
29-Aug-22	AM	9.98	+107.07	Fine
30-Aug-22	AM	9.98	+107.07	Fine
31-Aug-22	AM	9.99	+107.06	Fine
1-Sep-22	AM	9.97	+107.08	Fine
2-Sep-22	AM	9.94	+107.11	Fine

Remarks :

APPENDIX D

Relevant GI Logs at 64 Conduit Road



GROUND INVESTIGATION WORKS
(SCALE 1:100)

GENERAL NOTES ON GROUND INVESTIGATION WORKS

1. LEVEL SHALL REFER TO METERS ABOVE PRINCIPAL DATUM, HONGKONG.
2. CO-ORDINATES SHALL REFER TO GRID SYSTEM 1980.
3. THE COORDINATES AND GROUND LEVELS OF THE BOREHOLES, COREHOLES AND TRIAL PITS SHALL BE SET OUT BASED ON THE CONTROL POINTS AND BENCH MARKS OF THE DISTRICT SURVEY OFFICE.
4. THE SITE IS WITHIN SCHEDULE AREA NO.1.
5. VERTICALITY OF ALL BOREHOLES SHALL BE CHECKED BY SPIRIT LEVEL TO ENSURE THE VERTICALITY OF DRILLHOLE TO BE WITHIN 1:50. THE EXACT METHOD OF MMASUREMENT FOR VERTICALITY AND DEPTH CONTROL SHALL BE AGREED BY THE ENGINEER PRIOR TO COMMENCEMENT OF WORKS.
6. TRIAL PITS SHALL BE CONSTRUCTED USING HAND-HELD TOOLS OR COMPACTING MACHINERY. ANY FORM OF BLASTING IS PROHIBITED.
7. CONTRACTOR FOR GI WORK SHOULD BE CARRIED OUT BY RSC (GFW)
8. THE GROUND INVESTIGATION WORKS SHALL BE COMPILED WITH THE FOLLOWING :
   -GEOGUIDE 2 ISSUED BY GEO FOR GENERAL REQUIRMENT OF GROUND INVESTIGATION
   -GEOGUIDE 3 ISSUED BY GEO FOR SOIL AND ROCK DESCRIPTION
   -GEOSPEC 3 ISSUED BY GEO FOR LABORATORY TEST.
9. A TOTAL OF 6 VERTICAL DRILLHOLES, 11 HORIZONTAL & INCLINED DRILLHOLES AND 5 TRIAL PITS ARE TO BE CARRIED OUT. THE PROPOSED GI WOULD NOT AFFECT THE EXISTING FOUNDATION.

GENERAL NOTES ON DRILLHOLES

1. DRILLING
   a) ALL DRILLHOLES SHALL BE DRILLED WITH H SIZE HOLE IN SOILS, COBBLES BOULDERS AND ALIKE MATERIAL.
   b) DRILLING IN BEDROCK SHALL BE N SIZE.
2. SAMPLING
   a) SPT/L SHALL BE PERFORMED IN EACH BOREHOLE AT 2m INTERVAL AFTER MAZIER SAMPLING IN MATERIALS OTHER THAN ROCK, BOULER OR ARTIFICIAL HARD MATERIAL.
   b) MAZIER SAMPLES SHALL BE TAKEN AT 2.0m INTERVALS COMMENCING AT 0.5m BELOW INSPECTION PIT, UP TO 20m DEPTH, AND AT 8m INTERVALS BELOW 20m DEPTH UNTIL ROCKHEAD IS REACHED.
   c) FOR CLAYEY / MUDDY AND SANDY MATERIALS, MAZIER SAMPLE SHALL BE REPLACED BY PISTON AND U76 RESPECTIVELY.
   d) TAKE SMALL DISTURBED JAR SAMPLES AT EVERY MAZIER OR SPT/L SAMPLE TAKEN.
3. INSTRUMENTATION
   a) PIEZOMETERS/STANDPIPES SHALL BE INSTALLED IN DRILLHOLES AND TRIAL PITS AT A DEPTH AS INSTRUCTED BY THE REPRESENTATIVE OF THE RGE ON SITE.
   b) PIEZOMETER BUCKETS CONNECTED AT 0.5m INTERVALS SHALL BE INSTALLED IN EACH PIEZOMETER BETWEEN THE OBSERVED WATER LEVEL AND 5m ABOVE. ASSEMBLED BUCKET STRING MUST FIT INTO A 19mm INTERNAL DIAMETER STANDPIPE WITHOUT STICKING.
   c) THE READINGS OF THE PIEZOMETERS SHALL BE MONITORED WHEN INSTRUCTED IN ACCORDANCE WITH THE SPECIFICATION OF TENDER, AT A MINIMUM INTERVAL OF 1 WEEK.
4. LABORATORY TEST
   4.1 THE FOLLOWING LABORATORY TESTING SHALL BE CARRIED OUT : –
      a) PARTICLE SIZE DISTRIBUTION
      b) DETERMINATION OF THE INDEX PROPERTIES, BULK DENSITY AND MOISTURE CONTENT
      c) SINGLE AND MULTI-STAGE CONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION TESTS WITH PORE WATER PRESSURE MEASUREMENT
      d) PROCTOR TEST (IF NECESSARY)
      e) POINT LOAD INDEX TESTS AND UNIAXIAL COMPRESSIVE STRENGTH TESTS
      f) OEDOMETA TEST (IF NECESSARY)
      g) VANE SHEAR TEST TO BE CARRIED OUT IF MARINE DEPOSIT IS ENCOUNTERED
   4.2 SAMPLES FOR TESTING SHALL BE SELECTED AT EACH STRATUM AND AT VARIOUS DEPTHS IN ORDER TO GIVE REPRESENTATIVE DATA.
   4.3 THE TESTS IN ITEMS (a) TO (c) SHALL BE CARRIED OUT IN ACCORDANCE WITH BS1377:1990 AND GEOSPEC 3.
   4.4 THE TESTS IN ITEM (c) SHALL FOLLOW THE PROCEDURE DESCRIBED IN BISHOP & HENKLE (1962), GEOTECHNICAL MANUAL FOR SLOPES (1984), AND GEOGUIDE 2 (1987).
   4.5 THE TESTS IN ITEM (d) SHALL BE IN ACCORDANCE WITH PROCEDURES RECOMMENDED IN RESPECTIVELY SUGGESTED METHOD FOR DETERMINING POINT LOAD STRENGTH ISRM (1985) AND ASTM DESIGNATION D2938-79a.
5. CONSTANT HEAD FIELD PERMEABILITY TEST TO BE CARRIED OUT ON SITE AND THE EXACT DEPTH AND LOCATIONS TO BE DETERMINED ON SITE BY THE REPRESENTATIVE OF THE RGE.
6. PRIOR PERMISSION MUST BE OBTAINED FROM THE REPRESENTATIVE OF THE RGE FOR TERMINATING OR BACKFILLING OF EACH DRILLHOLE.
7. EXTREME CARE MUST BE EXERCISED SO AS NOT TO DISTURB THE EXISTING OR ADJACENT GROUND, ADJACENT UTILITIES AND PROPERTIES.
8. COLOURED PHOTOGRAPHS SHALL BE TAKEN FOR THE RETRIEVED SAMPLES.
9. THE GROUND INVESTIGATION WORKS SHALL COMPLY WITH BS5930 : 1981, GEOGUIDE 2:GUIDE TO SITE INVESTIGATION, PNAP APP-49 AND GEOGUIDE 3: GUIDE TO ROCK AND SOIL DESCRIPTIONS, BS1377 AND APP64.
10. THE GROUND INVESTIGATION WORKS SHALL BE CLOSELY SUPERVISED BY AN EXPERIENCED GEOTECHNICAL ENGINEER AND IN ACCORDANCE WITH PNAP APP-30, PNAP APP-49 & CODE OF PRACTICE FOR SITE SUPERVISION IN GENERAL IT INCLUDES SITE INSPECTION ON A DAILY BASIS AND THE KEY OPERATION LIKE INSTALLATION OF PIEZOMETERS WILL REQUIRE THE PRESENCE OF THE SUPERVISORY ENGINEER.
11. ADDITIONAL DRILLHOLES MAY BE CARRIED OUT WHEN FOUND NECESSARY.
12. THE DRILLHOLES SHALL BE LOGGED BY A COMPETENT PERSON IN ACCORDANCE WITH PNAP APP-49 & CODE OF PRACTICE FOR SITE SUPERVISION AND TECHNICAL MEMORANDOM FOR SUPERVISION PLANS.
13. EXACT LOCATION OF DRILLHOLES SHALL BE DETERMINED BY THE REPRESENTATIVE OF THE RGE ON SITE.
14. ALL THE AREAS AFFECTED BY THE DRILLHOLES SHALL BE REINSTATED TO THE ORIGINAL CONDITIONS TO THE SATISFACTION OF THE REPRESENTATIVE OF THE RGE.
15. CARE SHALL BE EXERCISED NOT TO DISTURB OR DAMAGE EXISTING UTILITIES DURING GROUND INVESTIGATION. PRIOR TO COMMENCEMENT OF DRILLING, A HAND-EXCAVATED INSPECTION PIT SHALL BE DUG AT EACH DRILLHOLE LOCATION TO VERIFY THE ABSENCE OF UNDERGROUND UTILITIES. WHERE NECESSARY, THE LOCATION OF THE BOREHOLES MAY BE REVISED.
16. THE CONTRACTOR SHALL DIVERT THE DRILLING FLUSH, MUDDY WATER, CEMENT SLURRY AND POLLUTED WATER TO THE NEAREST STORM WATER DISCHARGE POINT VIA A SETTLEMENT TANK OR ANY OTHER SUITABLE SCREEN TO PREVENT SILTING OF PUBLIC DRAINS. ANY BLOCKAGE DUE TO THE GROUND INVESTIGATION WORKS CLEARED BY THE GOVERNMENT / EMPLOYER WILL BE AT THE EXPENSE OF THE CONTRACTOR.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY EXCAVATION PERMIT FROM THE RELEVANT AUTHORITIES, PRIOR TO COMMENCEMENT OF THE GROUND INVESTIGATION FIELD WORKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESPONDING TO ANY QUERIES RAISED AND FULLY COMPLY WITH ANY REQUIREMENTS AND CONDITIONS THAT MAY BE IMPOSED BY THE UTILITY UNDERTAKERS ON THE GROUND INVESTIGATION WORKS.
18. NO CONSTRUCTION PLANT AND CONSTRUCTION MATERIAL SHALL BE STORED OUTSIDE THE SITE BOUNDARY.
19. NO TREE FELLING IS ALLOWED WITHOUT WRITTEN PERMISSION BY THE REPRESENTATIVE OF THE RGE. THE CONTRACTOR SHALL PROPERLY PROTECT THE EXISTING TREES DURING THE WORKS.

PARTICULAR NOTES ON GROUND INVESTIGATION WORKS

1. TERMINATION OF ALL DRILLHOLES SHALL BE 5m OF CONTINUOUS GRADE III OR BETTER BEDROCK WITH TOTAL CORE RECOVERY GREATER THAN 85% OR AS INSTRUCTED BY THE ENGINEER'S REPRESENTATIVE OF RGE/AP.
2. TERMINATION OF HORIZONTAL DRILLHOLES (H1–H2) SHALL BE 3m MAX. IN LENGTH OR AS INSTRUCTED BY THE ENGINEER'S REPRESENTATIVE OF RGE/AP.
3. TERMINATION OF INCLINED DRILLHOLES (R1–R2) SHALL BE 4m MAX. IN LENGTH OR AS INSTRUCTED BY THE ENGINEER'S REPRESENTATIVE OF RGE/AP.
4. TERMINATION OF HORIZONTAL DRILLHOLES (H3–H11) SHALL BE 3m IN LENGTH OR AS INSTRUCTED BY THE ENGINEER'S REPRESENTATIVE OF RGE/AP.
5. TERMINATION OF INCLINED DRILLHOLES (R3–11) SHALL BE 4m IN LENGTH OR AS INSTRUCTED BY THE ENGINEER'S REPRESENTATIVE OF RGE/AP.
6. ROTARY DRILLING FOR ALL VERTICAL DRILLHOLES SHALL BE EMPLOYED IN DRILLING OPERATIONS WITH AIR FOAM AS FLUSHING MEDIUM. EXTREME CARE SHALL BE EXERCISED AND FLUSHING WATER SHOULD BE CAREFULLY CONTROLLED DURING THE COURSE OF DRILLING FOR THOSE VERTICAL BOREHOLES NEAR THE CREST OF THE EXISTING RETAINING WALLS AND SLOPES.
7. IF BOULDERS ARE ENCOUNTERED IN SOIL LAYER, MAZIER SAMPLING SHALL COMMENCE IMMEDIATELY AFTER CORING OF THE BOULDERS, FOLLOWED BY SPT WITH JAR AND LINER SAMPLE.

GENERAL NOTES ON TRIAL PITS

1. TRIAL PITS SHALL BE CARRIED OUT WITH MAXIMUM SIZE OF 1.5m x 1.5m ON PLAN WITH MAXIMUM 3m IN DEPTH. SUITABLE STRUTTING SHALL BE USED FOR ALL TRIAL PITS EXCEEDING 1.2m DEPTH.
2. WHERE SIGNIFICANT AMOUNT OF FILL MATERIALS ARE ENCOUNTERED SAND REPLACEMENT TESTS IN CONJUNCTION WITH STANDARD COMPACTION TESTS MAY BE CARRIED OUT ON INSTRUCTION OF THE REPRESENTATIVE OF THE RGE BULK SAMPLES MAY ALSO BE REQUIRED.
3. ALL TRIAL PITS SHALL BE BACKFILLED WITH COMPACTED GRANULAR SOIL MATERIALS AFTER INSPECTION BY THE REPRESENTATIVE OF THE RGE.
   FILLING MATERIALS SHALL BE COMPACTED IN LAYERS OF NOT MORE THAN 300mm THICK TO ACHIEVE AN INSITU DENSITY WHICH SHALL BE NOT LESS THAN 95% PERCENTAGE OF MAXIMUM DRY DENSITY.

LEGEND :

- LOT BOUNDARY
- DH1 / P/S — PROPOSED DRILLHOLE (6 NOS.) / PIEZOMETER/STANDPIPES (6 NOS.)
- H1 / R1 — PROPOSED HORIZONTAL DRILLHOLE (11 NOS.) / PROPOSED INCLINED DRILLHOLE (11 NOS.)
- TP1 — PROPOSED TRIAL PIT (5 NOS.)
- EXISTING FEATURE
- EXISTING FEATURE

TRIAL PIT COORDINATES

TRIAL PIT NO.	EASTING (m)	NORTHING (m)
TP1	832909.99	815892.21
TP2	832906.21	815904.60
TP3	832901.13	815910.27
TP4	832888.21	815904.76
TP5	832895.86	815905.57

DRILL-HOLE COORDINATES

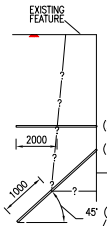
DRILLHOLE NO.	EASTING (m)	NORTHING (m)
DH1	832887.70	815887.76
DH2	832905.91	815889.16
DH3	832887.92	815898.21
DH4	832901.99	815895.49
DH5	832889.28	815903.60
DH6	832897.92	815905.41

NOTES: DRILLHOLES DH1, DH5 & DH6 SHALL BE SUNK WITH DRILLING RIGS STATIONED ON EXISTING R.C. DECK LEVEL AT APPROXIMATELY +132.5mPD

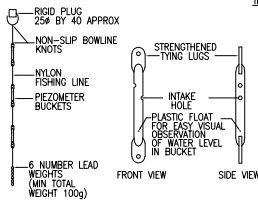
HORIZONTAL AND INCLINED DRILL-HOLE COORDINATES

DRILLHOLE NO.	EASTING (m)	NORTHING (m)
H1 & R1	832907.45	815891.45
H2 & R2	832904.33	815901.44
H3 & R3	832885.24	815899.91
H4 & R4	832891.83	815902.86
H5 & R5	832897.86	815904.19
H6 & R6	832903.32	815903.43
H7 & R7	832905.46	815903.72
H8 & R8	832885.53	815904.66
H9 & R9	832890.99	815905.74
H10 & R10	832896.22	815906.77
H11 & R11	832900.66	815908.74

HORIZONTAL DRILLHOLE MARK (X)	L1 (mm)	L2 (mm)
H1	500	1000
H2, H6 ~ H7	1000	1000
H3	1500	1000
H4	200	1500
H5	1000	1500
H8 ~ H11	500	500

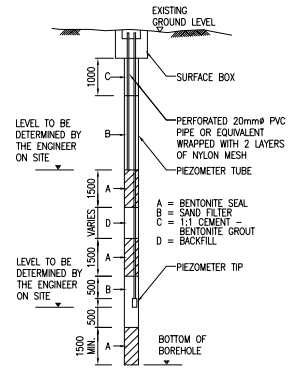


TYPICAL ARRANGEMENT OF HORIZONTAL/ INCLINED DRILLHOLES
(N.T.S.)

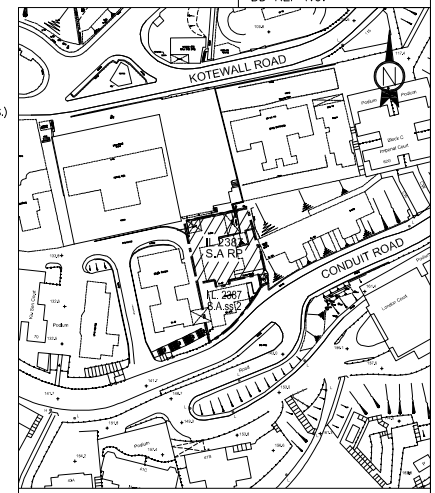


(a) ASSEMBLED BUCKET STRING (b) BUCKET DETAIL

TYPICAL DETAILS OF PIEZOMETER BUCKETS
(N.T.S.)



PIEZOMETER / STANDPIPE DETAILS
(N.T.S.)



SITE PLAN
SCALE 1 : 1000

BD REF NO:

REVISION	DATE	DESCRIPTION	BY	CHK
A	MAY 26	1ST AMENDMENT	JC	JC

SIGN BY RSE

BEN W K TSE
BSc(Eng) MSc(Eng) MSStructE
FHKIE CEng MHKIUD, GEL
Registered Geotechnical Engineer

SCALE	AS SHOWN	DESIGNED	CCL
DATE	JAN 2026	DRAWN	PAK
APPROVED	BT	CHECKED	CCL

BEN TSE & ASSOCIATES LTD

Project:
PROPOSED RESIDENTIAL DEVELOPMENT AT 64 CONDUIT ROAD, HONG KONG

Drawing Type:
GROUND INVESTIGATION WORKS AS-BUILT RECORD PLAN

Drawing Title:
GROUND INVESTIGATION PLAN AND GENERAL NOTES

Drawing Number:
GI-01

Revision Number:
A

Borehole Log

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH1
SHEET : 1 OF 6
DATE : 14/5/26 TO 20/5/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO–ORDINATES	ROCK COREBIT : T2–101/TNW
MACHINE & NO. : XY–2B, HJY01	E 832887.70 N 815887.76	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.63 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
14/5	Px											+132.63	0.00				Loose, brownish grey, sandy clayey SILT with some fine gravel sized rock fragments. (FILL)
									A		0.50						
									B		1.00						
									C		1.50						
									D		2.00						
				100					1								
								1,1,1, 2,2,2 N=7	2		3.10						
									3								
									4		3.55						
											3.95	+128.68	3.95				Brownish grey & grey, subangular to subrounded, fine to coarse GRAVEL & COBBLE sized rock fragments. (COLLUVIUM)
				68						T2–101							
											4.55	+128.08	4.55				Firm, yellowish brown, sandy clayey SILT with occasional fine gravel sized rock fragments. (COLLUVIUM)
								1,1,2, 2,3,5 N=12	5		5.10						
									6		5.55						
14/5											6.00	+126.63	6.00				Light reddish & brownish grey, subangular to subrounded, fine to coarse GRAVEL & BOULDER sized rock fragments. (COLLUVIUM)
15/5				66						T2–101							
											7.00	+125.63	7.00				Firm, yellowish brown, sandy clayey SILT with occasional fine gravel sized rock fragments. (COLLUVIUM)
								1,3,3, 4,4,5 N=16	7		7.10						
									8		7.55						
											8.00						
				100					9								
									10		9.10						
								2,3,4, 5,5,5 N=19	11								
	Px 9.75								12		9.55						
	Hx			100						T2–101	9.75	+122.88	9.75				Light reddish & brownish grey, subangular to subrounded, fine to coarse GRAVEL, COBBLE & BOULDER sized rock fragments. (COLLUVIUM)
													10.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 20/5/26
CHECKED AW
DATE 21/5/26

REMARKS
1. An inspection pit was excavated by hand to a depth of 2.00m.
2. A standpipe was installed at a depth of 15.00m.
3. A piezometer was installed at a depth of 51.50m.
4. Falling head permeability tests were carried out at depth of 12.10m to 13.10m & 26.10m to 27.10m.

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH1
SHEET : 2 OF 6
DATE : 14/5/26 TO 20/5/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO–ORDINATES	ROCK COREBIT : T2–101/TNW
MACHINE & NO. : XY–2B, HJY01	E 832887.70 N 815887.76	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.63 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
15/5	Hx			100					T2–101 11.22	+121.41	10.00 11.22				As sheet 1 of 6.
				100				2,2,4, 5,5,5 N=19	12.00 13 14 13.10 15 16 13.55						Firm, light reddish brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
				87					13.95 T2–101 14.10 14.20	+118.68 +118.53	13.95 14.10				Light reddish & brownish grey, subangular to subrounded, COBBLE sized rock fragments. (COLLUVIUM)
				70					17 18 15.00	+117.63	15.00				Firm, brownish grey, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
				87					T2–101 16.35	+116.28	16.35				Brownish grey, subangular to subrounded, fine to coarse GRAVEL, COBBLE & BOULDER sized rock fragments. (COLLUVIUM)
								2,3,5, 5,7,8 N=25	17.10 19 20 18.55						Firm, yellowish brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
				95					18.00 21						
15/5 16/5								2,4,6, 7,7,8 N=28	22 19.10 23 24 19.55		20.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 20/5/26
CHECKED AW
DATE 21/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH1
SHEET : 3 OF 6
DATE : 14/5/26 TO 20/5/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO–ORDINATES	ROCK COREBIT : T2–101/TNW
MACHINE & NO. : XY–2B, HJY01	E 832887.70 N 815887.76	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.63 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
16/5	Hx										20.00				As sheet 2 of 6.
								3,4,6, 8,7,9 N=30	25 21.10 26 21.55	+111.53	21.10		V		Extremely weak, pinkish & brownish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Firm to very stiff, sandy clayey SILT.)
								3,4,7, 8,9,9 N=33	27 23.10 28 23.55						
								2,5,8, 9,10,10 N=37	29 25.10 30 25.55						
				98					26.00 31						
								3,5,9, 10,12,11 N=42	32 27.10 33 34 27.55						
								4,5,10, 11,12,12 N=45	29.10 35 36 29.55		30.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 20/5/26
CHECKED AW
DATE 21/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH1
SHEET : 4 OF 6
DATE : 14/5/26 TO 20/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832887.70
N 815887.76

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, HJY01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.63 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Samples Type	Samples Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
16/5	Hx												30.00		V		As sheet 3 of 6.
16/5																	
18/5								4,5,11, 12,12,13 N=48	37		31.10						
									38		31.55						
								5,5,12, 13,13,15 N=53	39		33.10						
									40		33.55						
											34.00						
				95					41								
									42		35.10						
								5,5,13, 14,14,15 N=56	43								
									44		35.55						
								5,6,13, 14,14,15 N=56	45		37.10						
									46		37.55						
								5,6,14, 15,15,16 N=60	47		39.10						
									48		39.55		40.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 20/5/26
CHECKED AW
DATE 21/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH1
SHEET : 5 OF 6
DATE : 14/5/26 TO 20/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY
MACHINE & NO. : XY-2B, HJY01
FLUSHING MEDIUM : FOAM
CO-ORDINATES
E 832887.70
N 815887.76
ORIENTATION : VERTICAL
ROCK COREBIT : T2-101/TNW
HOLE DIA. : PX/HX/NX
GROUND LEVEL : +132.63 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Samples Type	Samples Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
18/5	Hx												40.00		V		As sheet 3 of 6.
								4,7,14, 15,16,17 N=62	49		41.10						
									50		41.55						
				90					51		42.00						
								5,7,15, 16,17,17 N=65	52		43.10						
									53								
									54		43.55						
								6,7,16, 17,17,18 N=68	55		45.10						
									56		45.55						
								7,7,17, 17,18,19 N=71	57		47.10						
									58		47.55						
18/5	Hx 47.85											+84.78	47.85				Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°-10°.
19/5	Nx			73	73	63	9.1			TNW	47.85	+84.48	48.15		III		Extremely weak, pinkish & brownish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Very dense, clayey silty SAND.)
											48.15				V		
								7,8,18, 19,20,25 N=82	59		49.10						Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely to medium spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°-10°, 20°-30° & 60°-70°.
									60		49.55						
				100	100	78	5.5			TNW	49.79	+82.84	49.79		III		
													50.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 20/5/26
CHECKED AW
DATE 21/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH1
SHEET : 6 OF 6
DATE : 14/5/26 TO 20/5/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY
MACHINE & NO. : XY-2B, HJY01
FLUSHING MEDIUM : FOAM

CO-ORDINATES
E 832887.70
N 815887.76

ORIENTATION : VERTICAL

ROCK COREBIT : T2-101/TNW
HOLE DIA. : PX/HX/NX
GROUND LEVEL : +132.63 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
19/5	Nx			100	100	78	5.5		TNW 50.89	+81.74	50.00		III		As sheet 5 of 6.
				14	0	0	NI		TNW 52.00	+80.63	50.89		IV		Moderately weak, pinkish & brownish grey, spotted with black & white, highly decomposed medium grained GRANITE. (Subangular to subrounded, fine to medium GRAVEL sized rock.)
	Nx 52.00			100	100	100	3.4		TNW 52.58		52.00		II		Strong, pinkish grey, spotted with black & white, slightly decomposed medium grained GRANITE with medium to widely spaced & occasional closely spaced, rough planar & undulating, very to extremely narrow, clear joints, dipping at 0°–10° & 20°–30°.
				100	100	100	0.0		TNW 54.08						
19/5 20/5				100	100	100	2.1		TNW 55.50						
				100	100	100	0.0		TNW 57.03	+75.60	57.03				
															End of the hole at 57.03m.

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 20/5/26
CHECKED AW
DATE 21/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH2
SHEET : 1 OF 6
DATE : 28/4/26 TO 5/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES E 832905.91 N 815889.16	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, HJY01		HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.69 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
28/4	Px											+132.69	0.00				Loose, grey, silty SAND with some fine gravel sized rock & concrete fragments. (FILL)
									A		0.50						
									B		1.00	+131.69	1.00				Loose to medium dense, brownish grey, clayey silty SAND with some fine to medium gravel sized rock fragments. (COLLUVIUM)
									C		1.50						
									D		2.00						
				0					1		2.25	+130.44	2.25				Brownish grey, subangular to subrounded, fine to coarse GRAVEL & COBBLE sized rock fragments. (COLLUVIUM)
				73						T2-101							
											3.55	+129.14	3.55				Firm, brownish grey, sandy SILT with many fine gravel sized rock fragments. (COLLUVIUM)
28/4				0					2		4.00 4.15	+128.49	4.20				
29/4											4.20						Brownish & yellowish grey, subangular to subrounded, fine to coarse GRAVEL & COBBLE sized rock fragments. (COLLUVIUM)
				79						T2-101							
											5.15	+127.54	5.15				
								1,2,3, 4,4,4 N=15	3 4		5.20 5.65						Firm, light reddish & yellowish brown, sandy clayey SILT. (COLLUVIUM)
												+126.69	6.00				
				0					5		6.00 6.25	+126.39	6.30				Firm, brownish grey, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
											6.30						
				100						T2-101							
											7.17	+125.52	7.17				Brownish grey & grey, subangular to subrounded, BOULDER sized rock fragments. (COLLUVIUM)
								2,2,4, 4,4,5 N=17	6 7		7.20 7.65						Firm, light reddish brown, sandy clayey SILT. (COLLUVIUM)
	Px 8.00 Hx																
											8.00						
				100					8								
29/4									9		9.10						
30/4								2,2,4, 5,5,5 N=19	10 11								
											9.55		10.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 6/5/26
CHECKED AW
DATE 7/5/26

REMARKS
1. An inspection pit was excavated by hand to a depth of 2.00m.
2. A standpipe was installed at a depth of 15.00m.
3. A piezometer was installed at a depth of 47.94m.
4. Falling head permeability tests were carried out at depth of 8.10m to 9.10m, 12.10m to 13.10m & 26.10m to 27.10m.

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH2
SHEET : 2 OF 6
DATE : 28/4/26 TO 5/5/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO–ORDINATES	ROCK COREBIT : T2–101/TNW
MACHINE & NO. : XY–2B, HJY01	E 832905.91 N 815889.16	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.69 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
30/4	Hx			95				2,3,4, 5,4,6 N=19	12 10.00 13 11.10 14 15 11.55		10.00				As sheet 1 of 6.
				100				2,3,5, 6,6,7 N=24	16 12.00 17 13.10 18 19 13.55	+120.69	12.00		V		Extremely weak, pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Firm to stiff, sandy clayey SILT.)
				90				2,4,6, 7,7,7 N=27	20 14.00 21 15.10 22 23 15.55						
				100				3,4,6, 7,7,8 N=28	24 16.00 25 17.10 26 27 17.55						
30/4 2/5				95				4,5,7, 7,7,9 N=30	28 18.00 29 19.10 30 31 19.55		20.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 6/5/26
CHECKED AW
DATE 7/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH2
SHEET : 3 OF 6
DATE : 28/4/26 TO 5/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832905.91
N 815889.16

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, HJY01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.69 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
2/5	Hx										20.00		V		As sheet 2 of 6.
								4,6,7, 8,8,9 N=32	32 21.00 33 21.45						
								3,6,8, 8,9,9 N=34	34 23.00 35 23.45						
								4,6,7, 9,9,10 N=35	36 25.00 37 25.45						
									26.00	+106.69	26.00		V		Extremely weak, pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Stiff to very stiff, clayey silty SAND.)
				98					38						
								5,6,9, 10,12,13 N=44	39 27.10 40 41 27.55						
								5,6,10, 12,12,13 N=47	42 29.00 43 29.45		30.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 6/5/26
CHECKED AW
DATE 7/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH2
SHEET : 4 OF 6
DATE : 28/4/26 TO 5/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832905.91
N 815889.16

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, HJY01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.69 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Samples Type	Samples Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
2/5	Hx												30.00		V		As sheet 3 of 6.
								6,6,11, 13,13,14 N=51	44		31.00						
									45		31.45						
2/5																	
4/5											32.00						
				98					46								
									47		33.10						
								6,7,13, 14,14,15 N=56	48								
									49		33.55						
								7,7,14, 14,15,16 N=59	50		35.00						
									51		35.45						
								7,8,14, 15,16,17 N=62	52		37.00						
									53		37.45						
								7,9,15, 16,17,18 N=66	54		39.00						
									55		39.45		40.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 6/5/26
CHECKED AW
DATE 7/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH2
SHEET : 5 OF 6
DATE : 28/4/26 TO 5/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832905.91
N 815889.16

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, HJY01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.69 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Samples Type	Samples Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
4/5	Hx												40.00		V		As sheet 3 of 6.
								18,31,58, 142/0.025 200/0.10	56	□	41.00	+91.69	41.00		V/IV		Extremely weak to moderately weak, pinkish grey, spotted with black & white, completely to highly decomposed medium grained GRANITE. (Very stiff, silty SAND with some fine gravel sized rock.)
	Hx 41.26								57	●	41.25	+91.43	41.26				
	Nx										41.26				III		
				98	98	98				TNW							Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely to medium spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°-10°, 10°-20°, 20°-30° & 30°-40°.
											42.28						
				80	80	80	3.6			TNW							Extremely weak to moderately weak, pinkish & brownish grey, spotted with black & white, completely to highly decomposed medium grained GRANITE. (Very stiff, silty SAND with some fine gravel sized rock.)
											43.84						
				100	100	100				TNW							
											44.34	+88.35	44.34		V/IV		
								50/0.075 200/0.025	58	●	45.00 45.10 45.15	+87.54	45.15		III		Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°-10°, 10°-20° & 20°-30°.
				100	80	31	12.2			TNW							
												+86.64	46.05				Moderately weak, pinkish & brownish grey, spotted with black & white, highly decomposed medium grained GRANITE. (Subangular to subrounded, fine to coarse GRAVEL sized rock.)
4/5							NI				46.28	+86.41	46.28	○	IV		
5/5															V/IV		
								50/0.035 200/0.025	59	●	47.00 47.06						Extremely weak to moderately weak, pinkish & brownish grey, spotted with black & white, completely to highly decomposed medium grained GRANITE. (Very stiff, silty SAND with some fine gravel sized rock.)
	Nx 47.44																
											47.44	+85.25	47.44		III		
				100	100	28	15.0			TNW							
											47.84						
				100	100	100	3.3			TNW							
											48.44	+84.25	48.44		II		Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely to medium spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°-10°, 10°-20° & 20°-30°.
				100	100	87	6.8			TNW							
											49.90		50.00				Strong, pinkish grey, spotted with black & white, slightly decomposed medium grained GRANITE with closely to medium spaced & widely spaced, rough planar & undulating, very to extremely narrow, clear joints, dipping at 0°-10°, 10°-20° & 20°-30°.
				100	100	100	2.7			TNW							

● Small disturbed sample
Large disturbed sample
□ SPT liner sample
U76 undisturbed sample
U100 undisturbed sample
Mazier sample
P/S Piston sample
▲ Water sample
▼ Water table
↓ Standard penetration test
Permeability test
Piezometer tip
Standpipe
PMT Pressuremeter test

LOGGED P.W. Leung
DATE 6/5/26
CHECKED AW
DATE 7/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH2
SHEET : 6 OF 6
DATE : 28/4/26 TO 5/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832905.91
N 815889.16

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, HJY01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.69 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
5/5				100	100	100	2.7		TNW		50.00		II		As sheet 5 of 6.
									51.40						
				100	100	100	0.0		TNW						
							3.8								
5/5									52.92	+79.77	52.92				End of the hole at 52.92m.

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 6/5/26
CHECKED AW
DATE 7/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH3
SHEET : 1 OF 7
DATE : 2/5/26 TO 11/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, CWS01	E 832887.92 N 815898.21	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.77 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Samples Type	Samples Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
2/5	Px			100						T2-101	0.00	+132.77	0.00				Grey, CONCRETE.
											0.20	+132.57	0.20				(SLAB)
																	Empty boring.
												+130.12	2.65				Medium dense, brownish grey & grey, clayey silty SAND with some fine gravel sized rock fragments. (FILL)
									A	INSPECTION PIT	3.15						
									B		3.65						
									C		4.15						
									D		4.65	+128.12	4.65				
				78						T2-101							Brownish grey, subangular to subrounded, GRAVEL & COBBLE sized rock fragments. (COLLUVIUM)
											5.20	+127.57	5.20				Firm, brownish grey, sandy clayey SILT. (COLLUVIUM)
								2,3,4, 4,4,6 N=18	1		5.75						
									2		6.20						
											6.50	+126.27	6.50				Brownish grey, subangular to subrounded, GRAVEL & COBBLE sized rock fragments. (COLLUVIUM)
				48						T2-101							
											7.50	+125.27	7.50				Firm, light reddish & brownish grey, sandy clayey SILT. (COLLUVIUM)
								2,2,3, 3,3,4 N=13	3		7.75						
2/5									4		8.20	+124.47	8.30				
4/5											8.30						Light reddish & brownish grey, subangular to subrounded, BOULDER sized rock fragments. (COLLUVIUM)
				91						T2-101							
	Px										9.45	+123.32	9.45				Firm, light reddish brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
	9.45 Hx																
									5		9.75		10.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 11/5/26
CHECKED AW
DATE 12/5/26

REMARKS
1. An inspection pit was excavated by hand from 2.65m to 4.65m.
2. A standpipe was installed at a depth of 15.00m.
3. A piezometer was installed at a depth of 55.30m.
4. Falling head permeability tests were carried out at depth of 10.60m to 11.60m & 27.10m to 28.10m.

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH3
SHEET : 2 OF 7
DATE : 2/5/26 TO 11/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES E 832887.92 N 815898.21	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, CWS01		HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.77 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
4/5	Hx							2,3,3, 4,6,8 N=21	5 6 10.20		10.00				As sheet 1 of 7.
				90					10.50 7						
								3,4,4, 6,6,8 N=24	8 11.60 9 10 12.05						
4/5									12.20	+120.57	12.20				
5/5				100					T2-101 12.50						Light reddish & brownish grey, subangular to subrounded, fine to coarse GRAVEL sized rock fragments. (COLLUVIUM)
				100					T2-101						
									13.00	+119.77	13.00				Brownish grey & grey, subangular to subrounded, BOULDER sized rock fragments. (COLLUVIUM)
				88					T2-101						
									14.50	+118.27	14.50				Stiff, yellowish brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
								3,4,5, 5,8,14 N=32	11 12 14.95 15.00						
				0					13 15.50	+117.27	15.50				Light reddish & brownish grey, subangular to subrounded, fine to coarse GRAVEL sized rock fragments. (COLLUVIUM)
				50					T2-101						
									16.20	+116.57	16.20				Firm, yellowish brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
								2,3,4, 4,6,6 N=20	16.50 14 15 16.95 17.00						
5/5 6/5				0					16 17.50	+115.27	17.50				Brownish grey, subangular to subrounded, fine to coarse GRAVEL sized rock fragments. (COLLUVIUM)
				44					T2-101						
									18.00	+114.77	18.00		V		Extremely weak, light reddish & brownish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Firm to very stiff, silty, sandy clayey SILT.)
								3,4,5, 6,7,9 N=27	18.50 17 18 18.95 19.00						
				100					19		20.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 11/5/26
CHECKED AW
DATE 12/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH3
SHEET : 3 OF 7
DATE : 2/5/26 TO 11/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, CWS01	E 832887.92 N 815898.21	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.77 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
6/5	Hx								20	●	20.10		20.00		V		As sheet 2 of 7.
								3,4,4, 6,8,13 N=31	21	▯	20.50						
									22	●	20.95						
6/5																	
7/5								3,5,7, 9,11,14 N=41	23	▯	22.50						
									24	●	22.95						
								4,6,8, 13,15,17 N=53	25	▯	24.50						
									26	●	24.95						
								4,5,8, 13,15,17 N=53	27	▯	26.50						
									28	●	26.95						
				90							27.00						
									29								
									30	●	28.10						
								4,6,7, 9,16,18 N=50	31	▯	28.50						
									32	●	28.95	+102.77	30.00				

● Small disturbed sample
Large disturbed sample
▯ SPT liner sample
U76 undisturbed sample
U100 undisturbed sample
Mazier sample
P/S Piston sample
▲ Water sample
▼ Water table
↓ Standard penetration test
Permeability test
Piezometer tip
Standpipe
PMT Pressuremeter test

LOGGED P.W. Leung
DATE 11/5/26
CHECKED AW
DATE 12/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH3
SHEET : 4 OF 7
DATE : 2/5/26 TO 11/5/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO–ORDINATES	ROCK COREBIT : T2–101/TNW
MACHINE & NO. : XY–2B, CWS01	E 832887.92 N 815898.21	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.77 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
7/5	Hx							5,6,8, 15,18,23 N=64	33 30.50 34 30.95	+102.77	30.00		V		Extremely weak, pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Very stiff, sandy clayey SILT.)
7/5 8/5								6,7,11, 13,18,25 N=67	35 32.50 36 32.95						
								7,10,15, 20,23,30 N=88	37 34.50 38 34.95						
				100					35.00 39 40 36.10						
								7,9,15, 21,28,35 N=99	41 36.50 42 36.95						
								7,11,13, 22,31,40 N=106	43 38.50 44 38.95	+94.27	38.50		V		Extremely weak, pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Very dense, slightly clayey silty SAND.)
											40.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 11/5/26
CHECKED AW
DATE 12/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH3
SHEET : 5 OF 7
DATE : 2/5/26 TO 11/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, CWS01	E 832887.92 N 815898.21	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.77 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
8/5	Hx										40.00		V		As sheet 4 of 7.
								8,12,15, 23,38,44 N=120	45 40.50 46 40.95						
								8,13,18, 25,40,48 N=131	47 42.50 48 42.95						
8/5 9/5									43.00						
				100					49						
									50 44.10						
								9,14,20, 26,43,51 N=140	51 44.50 52 44.95						
								10,15,21, 27,44,59 N=151	53 46.50 54 46.95						
								9,16,22, 28,45,60 N=155	55 48.50 56 48.95		50.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 11/5/26
CHECKED AW
DATE 12/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH3
SHEET : 6 OF 7
DATE : 2/5/26 TO 11/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES E 832887.92 N 815898.21	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, CWS01		HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.77 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
9/5	Hx							11,17,25,30,49,61 N=165	57		50.50		50.00		V		As sheet 4 of 7.
									58		50.95						
								12,16,27,32,48,62 N=169	59		52.50						
									60		52.95						
				90					61		53.00						
	Hx 54.10								62		54.10						
9/5	Nx																
10/5								15,18,25,36,50,70 N=181	63		54.50						
									64		54.95						
	Nx 55.80											+76.97	55.80				
											55.80				II		Strong, pinkish grey, spotted with black & white, slightly decomposed medium grained GRANITE with medium to widely spaced, occasional closely spaced, rough planar & undulating, very to extremely narrow, clear joints, dipping at 0°-10°, 10°-20° & 20°-30°.
				100	100	92				TNW							
											57.25						
				100	100	100	1.0			TNW							
10/5											58.75						
11/5				100	100	92				TNW							
											59.70						
				100	100	100	2.1			TNW			60.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 11/5/26
CHECKED AW
DATE 12/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH3
SHEET : 7 OF 7
DATE : 2/5/26 TO 11/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832887.92
N 815898.21

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, CWS01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.77 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
11/5				100	100	100	2.1		TNW		60.00		II		As sheet 6 of 7.
11/5									61.13	+71.64	61.13				End of the hole at 61.13m.

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 11/5/26
CHECKED AW
DATE 12/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH4
SHEET : 1 OF 6
DATE : 15/4/26 TO 25/4/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES E 832901.96 N 815895.49	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, HJY01		HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.62 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
15/4	Px								A 0.50 B 1.00 C 1.50 D 2.00 INSPECTION PIT	+132.62	0.00				Loose, brownish grey, silty SAND with some fine gravel sized rock fragments. (FILL)
				42					T2-101	+130.62	2.00				Light reddish & brownish grey, subangular to subrounded, fine to coarse GRAVEL & COBBLE sized rock fragments. (COLLUVIUM)
									3.50	+129.12	3.50				Firm, light yellowish & yellowish grey, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
15/4				0					1 4.00 4.30 4.40	+128.22	4.40				
16/4				100					T2-101 5.23	+127.39	5.23				Brownish grey, subangular to subrounded, fine to coarse GRAVEL & BOULDER sized rock fragments. (COLLUVIUM)
								2,3,3, 3,4,5 N=15	2 5.30 3 5.75						Firm, light reddish brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
				0					4 6.00 6.25	+126.37	6.25				
				89					T2-101 7.00	+125.62	7.00				Light reddish & brownish grey, subangular to subrounded, fine to coarse GRAVEL sized rock fragments. (COLLUVIUM)
								2,3,4, 4,5,5 N=18	5 7.10 6 7.55 7.65	+124.97	7.65				Firm, light reddish brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
	Px 8.00 Hx			71					T2-101 8.00	+124.62	8.00				Light reddish & brownish grey, subangular to subrounded, fine to coarse GRAVEL sized rock fragments. (COLLUVIUM)
				100					7						
								3,3,5, 5,5,6 N=21	8 9.10 9 10 9.55						Firm, light reddish & yellowish brown, sandy clayey SILT. (COLLUVIUM)
16/4											10.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 27/4/26
CHECKED AW
DATE 28/4/26

REMARKS
1. An inspection pit was excavated by hand to a depth of 2.00m.
2. A standpipe was installed at a depth of 15.00m.
3. A piezometer was installed at a depth of 49.73m.
4. Falling head permeability tests were carried out at depth of 12.10m to 13.10m, 16.10m to 17.10m & 26.10m to 27.10m.

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH4
SHEET : 2 OF 6
DATE : 15/4/26 TO 25/4/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY
MACHINE & NO. : XY-2B, HJY01
FLUSHING MEDIUM : FOAM
CO-ORDINATES
E 832901.96
N 815895.49
ORIENTATION : VERTICAL
ROCK COREBIT : T2-101/TNW
HOLE DIA. : PX/HX/NX
GROUND LEVEL : +132.62 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
17/4	Hx			100					11		10.00		10.00				As sheet 1 of 6.
									12		10.60	+122.02	10.60				
				50					T2-101		11.00	+121.62	11.00				Light reddish & brownish grey, subangular to subrounded, fine to coarse GRAVEL sized rock fragments. (COLLUVIUM)
								3,3,5, 6,6,7 N=24	13		11.10					
									14		11.55						Firm, light reddish brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
				95							12.00						
									15								
									16		13.10	+119.52	13.10		V		Extremely weak, pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Firm to stiff, sandy clayey SILT.)
								3,3,6, 7,7,8 N=28	17		13.55					
17/4																	
18/4				95							14.00						
									19								
								3,4,6, 7,8,9 N=30	20		15.10						
									21								
									22		15.55						
											16.00						
				85					23								
									24		17.10						
								4,4,6, 7,8,10 N=31	25								
									26		17.55						
											18.00						
				85					27								
18/4									28		19.10						
20/4								3,4,7, 7,9,10 N=33	29								
									30		19.55		20.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 27/4/26
CHECKED AW
DATE 28/4/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH4
SHEET : 3 OF 6
DATE : 15/4/26 TO 25/4/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES E 832901.96 N 815895.49	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, HJY01		HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.62 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
20/4	Hx										20.00				As sheet 2 of 6.
								3,4,7, 8,9,11 N=35	31 21.00 32 21.45						
20/4 21/4								3,5,8, 8,9,12 N=37	33 23.00 34 23.45						
								4,5,8, 9,10,12 N=39	35 25.00 36 25.45						
				90					26.00 37						
								4,5,9, 10,10,11 N=40	38 27.10 39 40 27.55						
21/4 22/4								5,5,9, 10,12,12 N=43	29.00 41 42 29.45	+103.62	29.00 30.00		V		Extremely weak, pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Dense to very dense, slightly clayey silty SAND.)

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 27/4/26
CHECKED AW
DATE 28/4/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH4
SHEET : 4 OF 6
DATE : 15/4/26 TO 25/4/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, HJY01	E 832901.96 N 815895.49	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.62 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Samples Type	Samples Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
22/4	Hx												30.00		V		As sheet 3 of 6.
								5,6,10, 10,13,13 N=46	43		31.00						
									44		31.45						
								5,5,11, 12,18,19 N=60	45		33.00						
									46		33.45						
				90					47		34.00						
								5,6,12, 13,13,15 N=53	48		35.10						
									49								
									50		35.55						
22/4 23/4								6,6,13, 13,14,16 N=56	51		37.00						
									52		37.45						
								6,7,14, 15,15,16 N=60	53		39.00						
									54		39.45		40.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 27/4/26
CHECKED AW
DATE 28/4/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH4
SHEET : 5 OF 6
DATE : 15/4/26 TO 25/4/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832901.96
N 815895.49

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, HJY01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.62 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
23/4	Hx										40.00		V		As sheet 3 of 6.
								7,7,15, 17,17,18 N=67	55 41.00 56 41.45						Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely to medium spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°-10°, 20°-30° & sub-vertical.
									42.00	+90.62	42.00				Extremely weak, pinkish & brownish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Very dense, silty SAND.)
				100	100	82	3.5		T2-101				III		
23/4	Hx 42.85								42.85	+89.77	42.85				
24/4	Nx							9,9,18, 18,19,20 N=75	57 43.00 58 43.45				V		Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely & widely spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°-10°.
									45.00	+87.62	45.00				Moderately weak, pinkish & brownish grey, spotted with black & white, highly decomposed medium grained GRANITE. (Subangular to subrounded, fine GRAVEL sized rock.)
				100	100	100	1.4		TNW				III		
							7.4		46.00	+86.62	46.00				Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°-10° & 20°-30°.
				63	17	17	NI		TNW				IV		
							8.0			+85.43	47.19				Moderately weak, pinkish & brownish grey, spotted with black & white, highly decomposed medium grained GRANITE. (Subangular to subrounded, fine GRAVEL sized rock.)
									47.44	+85.18	47.44		III		
				56	0	0	NI		TNW				IV		
									47.92	+84.70	47.92				Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°-10° & 10°-20°.
				100	100	56	12.7		TNW				III		
									49.02	+83.60	49.02				Moderately weak, pinkish & brownish grey, spotted with black & white, highly decomposed medium grained GRANITE. (Subangular to subrounded, fine to medium GRAVEL sized rock.)
				21	0	0	NI		TNW				IV		
											50.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 27/4/26
CHECKED AW
DATE 28/4/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH4
SHEET : 6 OF 6
DATE : 15/4/26 TO 25/4/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832901.96
N 815895.49

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, HJY01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.62 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
24/4	Nx 50.23			21	0	0	NI			TNW	50.23	+82.39	50.00		IV		As sheet 5 of 6.
				100	100	100				TNW	50.63		50.23		II		Strong, pinkish grey, spotted with black & white, slightly decomposed medium grained GRANITE with closely to medium spaced & occasional widely spaced, rough planar & undulating, very to extremely narrow, slightly iron stained & clear joints, dipping at 0°-10°, 10°-20° & 20°-30°.
				100	100	100				TNW	51.45						
24/4 25/4				100	100	100	2.2			TNW	52.95						
				100	100	100				TNW	54.42						
				100	100	100	7.3			TNW	55.18						
				100	100	100	1.3			TNW	56.00	+76.62	56.00				
25/4																	End of the hole at 56.00m.

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 27/4/26
CHECKED AW
DATE 28/4/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH5
SHEET : 1 OF 7
DATE : 20/4/26 TO 29/4/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES E 832889.28 N 815903.60	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, HJY01		HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.61 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
20/4	Px			100					T2-101		0.00	+132.61	0.00				Grey, CONCRETE.
											0.20	+132.41	0.20				(SLAB)
																	Empty boring.
												+125.41	7.20				Medium dense, grey & dark brownish grey, clayey silty SAND with some fine gravel sized rock fragments. (FILL)
	Px								A		7.70						
									B		8.20						
									C		8.70						
	9.20								D		9.20	+123.41	9.20				
	Hx			95					1				10.00				Medium dense, brown, clayey silty SAND with some fine gravel sized rock fragments. (COLLUVIUM)

INSPECTION PIT

- ● Small disturbed sample
- ▲ Water sample
- ▼ Water table
- Large disturbed sample
- SPT liner sample
- ↓ Standard penetration test
- U76 undisturbed sample
- ⊕ Permeability test
- U100 undisturbed sample
- Piezometer tip
- ▨ Mazier sample
- Standpipe
- P/S Piston sample
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 30/4/26
CHECKED AW
DATE 2/5/26

REMARKS
1. An inspection pit was excavated by hand from 7.20m to 9.20m.
2. A standpipe was installed at a depth of 15.00m.
3. A piezometer was installed at a depth of 58.60m.
4. Falling head permeability tests were carried out at depth of 19.20m to 20.20m & 24.10m to 25.10m.

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH5
SHEET : 2 OF 7
DATE : 20/4/26 TO 29/4/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832889.28
N 815903.60

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, HJY01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.61 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
20/4	Hx			95				2,2,3, 4,4,5 N=16	1 2 10.30 3 4 10.75		10.00				As sheet 1 of 7.
20/4									11.20	+121.41	11.20				
21/4				84					T2-101 11.70						Light reddish & brownish grey, subangular to subrounded, fine to coarse GRAVEL, COBBLE & BOULDER sized rock fragments. (COLLUVIUM)
				87					T2-101 13.20						
				70					T2-101 14.20	+118.41	14.20				Firm, light reddish & yellowish brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
								2,3,3, 4,4,4 N=15	5 6 14.65						
21/4									15.20						Light reddish & brownish grey, subangular to subrounded, COBBLE & BOULDER sized rock fragments. (COLLUVIUM)
22/4				0					7 16.00	+116.61	16.00				Firm, light reddish & brownish grey, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
				95					T2-101 17.00	+115.61	17.00				Light reddish & brownish grey, fine to coarse GRAVEL sized rock fragments. (COLLUVIUM)
				60					17.20 8						
				100					9 T2-101 17.80 17.90	+114.81 +114.71	17.80 17.90				Firm, light reddish brown, sandy SILT. (COLLUVIUM)
								3,3,4, 6,8,10 N=28	10 18.00 11 18.45						Light reddish & brownish grey, subangular to subrounded, coarse GRAVEL & BOULDER sized rock fragments. (COLLUVIUM)
				100					18.60 T2-101 19.00	+114.01 +113.61	18.60 19.00				
22/4									19.20						Firm, light reddish & brownish grey, sandy SILT with some fine to coarse gravel sized rock fragments. (COLLUVIUM)
23/4				50					12 13 19.70		20.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 30/4/26
CHECKED AW
DATE 2/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH5
SHEET : 3 OF 7
DATE : 20/4/26 TO 29/4/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO–ORDINATES E 832889.28 N 815903.60	ROCK COREBIT : T2–101/TNW
MACHINE & NO. : XY–2B, HJY01		HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.61 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
23/4	Hx							3,4,4, 5,6,7 N=22	14		20.20		20.00				As sheet 2 of 7.
23/4									15		20.65						
											20.90	+111.71	20.90				
24/4				100							T2–101						Brownish grey & grey, subangular to subrounded, COBBLE & BOULDER sized rock fragments. (COLLUVIUM)
											22.40						
				100							T2–101						
											22.90	+109.71	22.90				
								8,10,17, 22,28,36 N=103	16		23.00						Very stiff, light reddish & brownish grey, sandy SILT with some fine gravel sized rock fragments. (COLLUVIUM)
									17		23.45						
											24.00	+108.61	24.00		V		Extremely weak, pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Firm, sandy clayey SILT.)
				95					18								
									19		25.10						
								3,4,5, 5,5,5 N=20	20								
									21		25.55						
								3,4,5, 5,5,6 N=21	22		27.10						
									23		27.55						
								3,4,6, 6,8,8 N=28	24		29.10						
									25		29.55		30.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 30/4/26
CHECKED AW
DATE 2/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH5
SHEET : 4 OF 7
DATE : 20/4/26 TO 29/4/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY
MACHINE & NO. : XY-2B, HJY01
FLUSHING MEDIUM : FOAM
CO-ORDINATES
E 832889.28
N 815903.60
ORIENTATION : VERTICAL
ROCK COREBIT : T2-101/TNW
HOLE DIA. : PX/HX/NX
GROUND LEVEL : +132.61 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
24/4	Hx										30.00		V		As sheet 3 of 7.
								5,7,11, 14,16,18 N=59	26 31.10 27 31.55	+101.51	31.10		V		Extremely weak, pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Very dense, slightly clayey silty SAND.)
24/4 25/4				100					28 32.00						
								6,8,10, 15,17,20 N=62	29 33.10 30 31 33.55						
								7,10,13, 16,20,28 N=77	32 35.10 33 35.55						
								7,9,14, 17,21,29 N=81	34 37.10 35 37.55						
								7,8,15, 17,22,30 N=84	36 39.10 37 39.55		40.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 30/4/26
CHECKED AW
DATE 2/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH5
SHEET : 5 OF 7
DATE : 20/4/26 TO 29/4/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO–ORDINATES E 832889.28 N 815903.60	ROCK COREBIT : T2–101/TNW
MACHINE & NO. : XY–2B, HJY01		HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.61 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
25/4	Hx			100					38		40.00		40.00		V		As sheet 4 of 7.
								8,10,16, 18,22,32 N=88	39		41.10	+91.51	41.10		V		Extremely weak, pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Very dense, silty SAND.)
									40								
									41		41.55						
25/4 27/4								8,12,15, 20,24,36 N=95	42		43.10						
									43		43.55						
								10,13,17, 25,30,45 N=117	44		45.10						
									45		45.55						
								11,12,21, 32,44,56 N=153	46		47.10						
									47		47.55						
				100					48		48.00						
								13,17,25, 31,50,61 N=167	49		49.10						
									50								
									51		49.55		50.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 30/4/26
CHECKED AW
DATE 2/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH5
SHEET : 6 OF 7
DATE : 20/4/26 TO 29/4/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO–ORDINATES E 832889.28 N 815903.60	ROCK COREBIT : T2–101/TNW
MACHINE & NO. : XY–2B, HJY01		HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.61 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Samples Type	Samples Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
27/4	Hx												50.00		V		As sheet 5 of 7.
								14,17,27, 32,52,63 N=174	52		51.10						Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with medium spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°–10°.
									53		51.55						
27/4	Hx 53.00																Extremely weak to moderately weak, pinkish grey, spotted with black & white, completely to highly decomposed medium grained GRANITE. (Very dense, silty sandy fine GRAVEL sized rock.)
28/4	Nx										53.00	+79.61	53.00		III		Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°–10° & 20°–30°.
				70	70	70	2.9			TNW							
											54.00	+78.61	54.00		V/IV		
								18,30,55, 145/0.025 200/0.10	54		54.50						Extremely weak to moderately weak, pinkish grey, spotted with black & white, completely to highly decomposed medium grained GRANITE. (Very dense, silty sandy fine GRAVEL sized rock.)
									55		54.75						
											55.60	+77.01	55.60		III		Strong, pinkish grey, spotted with black & white, slightly decomposed medium grained GRANITE with medium spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 20°–30°.
				38	38	38	13.3	50/0.03 200/0.07	56	TNW	56.00	+76.61	56.00		V/IV		
											56.10						
											56.60	+76.01	56.60		II		Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely to medium spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°–10°, 10°–20° & 20°–30°.
				95	95	95				TNW		+75.43	57.18		III		
							2.8				57.60						
				40	40	40				TNW							Extremely weak to moderately weak, pinkish grey, spotted with black & white, completely to highly decomposed medium grained GRANITE. (Very dense, silty sandy fine GRAVEL sized rock.)
								50/0.03 200/0.04	57		58.60	+74.01	58.60		V/IV		
28/4	Nx 59.10										58.67						Strong, pinkish grey, spotted with black & white, slightly decomposed medium grained GRANITE with closely to medium spaced & widely spaced, rough planar & undulating, very to extremely narrow, clear joints, dipping at 0°–10°, 10°–20°, 20°–30° & 30°–40°.
29/4											59.10	+73.51	59.10		II		
				100	100	100				TNW							
							5.7				59.55						
				100	100	92				TNW							
							1.3						60.00				

● Small disturbed sample
Large disturbed sample
SPT liner sample
U76 undisturbed sample
U100 undisturbed sample
Mazier sample
P/S Piston sample
Water sample
Water table
Standard penetration test
Permeability test
Piezometer tip
Standpipe
PMT Pressuremeter test

LOGGED P.W. Leung
DATE 30/4/26
CHECKED AW
DATE 2/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH5
SHEET : 7 OF 7
DATE : 20/4/26 TO 29/4/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, HJY01	E 832889.28 N 815903.60	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.61 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
29/4				100	100	92	1.3		TNW		60.00		II		As sheet 6 of 7.
							20.0		60.85						
				100	100	88	0.8		TNW						
							11.8		62.30						
				100	100	100			TNW						
							0.0		63.65						
				100	100	100			TNW						
29/4									64.60	+68.01	64.60				End of the hole at 64.60m.

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 30/4/26
CHECKED AW
DATE 2/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH6
SHEET : 1 OF 7
DATE : 12/5/26 TO 18/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, CWS01	E 832897.92 N 815905.41	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.58 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
12/5	Px			100					T2-101		0.00 0.20	+132.58 +132.38	0.00 0.20				Grey, CONCRETE. (SLAB)
																	Empty boring.
												+124.83	7.75				Firm, brownish grey, clayey SILT with some fine gravel sized rock fragments. (FILL)
	Px 8.60 Hx								A B	INSPECTION PIT	8.25 8.60	+123.98	8.60				Brownish grey & grey, subangular to subrounded, fine to coarse GRAVEL & BOULDER sized weathering rock. (COLLUVIUM)
				100					T2-101								
				100					T2-101		9.85		10.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 18/5/26
CHECKED AW
DATE 19/5/26

REMARKS
1. An inspection pit was excavated by hand from 7.75m to 8.60m.
2. A standpipe was installed at a depth of 15.00m.
3. A piezometer was installed at a depth of 58.50m.
4. Falling head permeability tests were carried out at depth of 15.50m to 16.50m & 26.60m to 27.60m.

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH6
SHEET : 2 OF 7
DATE : 12/5/26 TO 18/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832897.92
N 815905.41

ROCK COREBIT : T2-101/TNW

MACHINE & NO. :XY-2B, CWS01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.58 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
12/5	Hx										10.00				As sheet 1 of 7.
				100					T2-101						
12/5									11.35						
13/5				15					T2-101						
								2,2,2, 3,3,4 N=12	12.00 1	+120.58	12.00				Firm, brown, sandy clayey SILT. (COLLUVIUM)
									2 12.45						
				50					12.50 3						
									4 13.00	+119.58	13.00				
				20					T2-101						Light reddish & brownish grey & grey, subangular to subrounded, fine to coarse GRAVEL & BOULDER sized rock fragments. (COLLUVIUM)
									13.50						
				73					T2-101						
									14.70	+117.88	14.70				
								2,2,3, 4,5,7 N=19	15.00 5						Firm, light reddish & brownish grey, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
									6 15.45						
				0					15.50						
13/5									7 16.50	+116.08	16.50				
14/5				93					T2-101						Light reddish & brownish grey, subangular to subrounded, coarse GRAVEL, COBBLE & BOULDER sized rock fragments. (COLLUVIUM)
									18.00	+114.58	18.00				Firm, light reddish brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
								2,3,4, 4,5,6 N=19	8						
									9 18.45						
				50					18.50 10						Light reddish brown, subangular to subrounded, fine to coarse GRAVEL sized rock fragments. (COLLUVIUM)
									11 19.00	+113.58	19.00				
				77					T2-101	+113.28	19.30				
									19.30						Firm to stiff, brown, sandy clayey SILT with some fine gravel sized rock fragments. (COLLUVIUM)
											20.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 18/5/26
CHECKED AW
DATE 19/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH6
SHEET : 3 OF 7
DATE : 12/5/26 TO 18/5/26

PROJECT : 64 Conduit Road, Hong Kong – I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO–ORDINATES	ROCK COREBIT : T2–101/TNW
MACHINE & NO. : XY–2B, CWS01	E 832897.92 N 815905.41	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.58 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
14/5	Hx							2,3,4, 6,7,8 N=25	12		20.00		20.00				As sheet 2 of 7.
									13		20.45						
								3,3,5, 5,8,8 N=26	14		22.00						
									15		22.45						
								2,4,5, 6,8,12 N=31	16		24.00						
									17		24.45						
								3,5,7, 8,12,15 N=42	18		26.00						
									19		26.45	+106.08	26.50				
				100					20		26.50				V		Extremely weak, light reddish & pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Very stiff, sandy SILT.)
									21		27.60						
14/5								7,11,16, 21,25,32 N=94	22		28.00						
15/5									23		28.45		30.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 18/5/26
CHECKED AW
DATE 19/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH6
SHEET : 4 OF 7
DATE : 12/5/26 TO 18/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES	ROCK COREBIT : T2-101/TNW
MACHINE & NO. :XY-2B, CWS01	E 832897.92 N 815905.41	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.58 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
15/5	Hx							7,12,17, 22,26,30 N=95	24		30.00		30.00		V		As sheet 3 of 7.
									25		30.45						
								6,13,18, 25,30,36 N=109	26		32.00						
									27		32.45						
								7,15,21, 29,36,44 N=130	28		34.00						
									29		34.45						
				100					30		34.50						
									31		35.60						
												+96.58	36.00				
								8,14,22, 31,38,48 N=139	32		36.00				V		Extremely weak, pinkish & brownish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Very dense, silty SAND.)
									33		36.45						
								10,16,24, 27,41,49 N=141	34		38.00						
									35		38.45		40.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 18/5/26
CHECKED AW
DATE 19/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH6
SHEET : 5 OF 7
DATE : 12/5/26 TO 18/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832897.92
N 815905.41

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, CWS01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.58 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
15/5	Hx							9,15,23, 28,40,50 N=141	36		40.00		40.00		V		As sheet 4 of 7.
									37		40.45						
								8,16,24, 30,42,53 N=149	38		42.00						
15/5									39		42.45	+90.08	42.50				
16/5				100					40		42.50				V		Extremely weak, light reddish & pinkish grey, spotted with black & white, completely decomposed medium grained GRANITE. (Very dense, silty SAND with some fine gravel sized rock.)
									41		43.60						
								7,15,23, 32,44,56 N=155	42		44.00						
									43		44.45						
								8,16,24, 36,44,55 N=159	44		46.00						
									45		46.45						
								9,16,28, 40,45,66 N=179	46		48.00						
									47		48.45		50.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 18/5/26
CHECKED AW
DATE 19/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH6
SHEET : 6 OF 7
DATE : 12/5/26 TO 18/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY	CO-ORDINATES	ROCK COREBIT : T2-101/TNW
MACHINE & NO. : XY-2B, CWS01	E 832897.92 N 815905.41	HOLE DIA. : PX/HX/NX
FLUSHING MEDIUM : FOAM	ORIENTATION : VERTICAL	GROUND LEVEL : +132.58 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
16/5	Hx							8,15,27, 38,50,68 N=183	48		50.00		50.00		V		As sheet 5 of 7.
									49		50.45						
				100							50.50						
									50								
									51		51.60						
	Hx 52.00 Nx							9,16,30, 38,50,70 N=188	52		52.00						
									53		52.45						
								11,18,31, 40,52,73 N=196	54		54.00						
									55		54.45						
								12,18,30, 38,53,76 N=197	56		56.00						
									57		56.45						
								13,19,31, 38,54,76 N=199	58		58.00						Extremely weak to moderately weak, pinkish & brownish grey, spotted with black & white, completely to highly decomposed medium grained GRANITE. (Very dense, silty sandy fine GRAVEL sized rock.)
									59		58.45	+74.08	58.50		V/IV		
				0							58.50						
16/5	Nx 59.10								60		59.00	+73.58	59.00		III		Moderately strong, pinkish & brownish grey, spotted with black & white, moderately decomposed medium grained GRANITE with closely to medium spaced, rough planar & undulating, very to extremely narrow, iron stained joints, dipping at 0°-10°, 10°-20°, 20°-30° & occasional sub-vertical.
18/5				100	100	100	3.6			TNW			60.00				

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 18/5/26
CHECKED AW
DATE 19/5/26

REMARKS

CITY GEOTECHNICAL ENGINEERING LIMITED

DRILLHOLE RECORD

JOB NO.:
HOLE NO.: DH6
SHEET : 7 OF 7
DATE : 12/5/26 TO 18/5/26

PROJECT : 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

METHOD : ROTARY

CO-ORDINATES
E 832897.92
N 815905.41

ROCK COREBIT : T2-101/TNW

MACHINE & NO. : XY-2B, CWS01

HOLE DIA. : PX/HX/NX

FLUSHING MEDIUM : FOAM

ORIENTATION : VERTICAL

GROUND LEVEL : +132.58 mPD

Drilling Progress	Casing Depth/Size	Water Level/Time	Water Recovery %	Total Core Recovery %	Solid Core Recovery %	R. Q. D.	Fracture Index	Tests	Samples No.	Type	Depth	Reduced Level	Depth (m)	Legend	Grade	Zone	Description
18/5				100	100	100				TNW	60.10		60.00		III		As sheet 6 of 7.
				100	100	97	3.6			TNW	61.20						
				100	100	100				TNW	62.30	+70.28	62.30		II		Strong, pinkish grey, spotted with black & white, slightly decomposed medium grained GRANITE with closely to medium spaced, rough planar & undulating, very to extremely narrow, clear joints, dipping at 0°-10°, 20°-30° & 30°-40°.
				100	100	100				TNW	63.15						
18/5				100	100	100	1.6			TNW	64.15	+68.43	64.15				End of the hole at 64.15m.

- Small disturbed sample
- Large disturbed sample
- SPT liner sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- P/S Piston sample
- Water sample
- Water table
- Standard penetration test
- Permeability test
- Piezometer tip
- Standpipe
- PMT Pressuremeter test

LOGGED P.W. Leung
DATE 18/5/26
CHECKED AW
DATE 19/5/26

REMARKS

Ground Water Level Record

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH1**
	Ground Level : +132.63 mPD
	Co-ordinate: **E 832887.70 N 815887.76**
	Measured By: Lau
	Checked By: AW

Depth of Piezometer (m below G. L.) : 51.50

Date Day/Mth/Year	Water Level of Piezometer (m below G. L.)	Reduce Level (mPD)
21/05/26	9.77	+122.86
22/05/26	9.73	+122.90
23/05/26	9.66	+122.97
24/05/26	-	-
25/05/26	-	-
26/05/26	9.70	+122.93
27/05/26	9.70	+122.93
28/05/26	9.71	+122.92
29/05/26	9.83	+122.80

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH1**
	Ground Level : +132.63 mPD
	Co-ordinate: **E 832887.70 N 815887.76**
	Measured By: Lau
	Checked By: AW

Depth of Standpipe (m below G. L.) : 15.00

Date Day/Mth/Year	Water Level of Standpipe (m below G. L.)	Reduce Level (mPD)
21/05/26	8.32	+124.31
22/05/26	8.38	+124.25
23/05/26	8.37	+124.26
24/05/26	-	-
25/05/26	-	-
26/05/26	8.40	+124.23
27/05/26	8.40	+124.23
28/05/26	8.32	+124.31
29/05/26	8.26	+124.37

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH2**
	Ground Level : +132.69 mPD
	Co-ordinate: **E 832905.91 N 815889.16**
	Measured By: Lau
	Checked By: AW

Depth of Piezometer (m below G. L.) : 47.94

Date Day/Mth/Year	Water Level of Piezometer (m below G. L.)	Reduce Level (mPD)
06/05/26	8.17	+124.52
07/05/26	8.09	+124.60
08/05/26	7.99	+124.70
09/05/26	8.31	+124.38
10/05/26	-	-
11/05/26	8.09	+124.60
12/05/26	8.32	+124.37
13/05/26	8.24	+124.45
14/05/26	8.31	+124.38
15/05/26	8.06	+124.63
16/05/26	7.98	+124.71
17/05/26	-	-
18/05/26	7.95	+124.74
19/05/26	8.25	+124.44
20/05/26	8.27	+124.42
21/05/26	8.06	+124.63
22/05/26	8.19	+124.50
23/05/26	8.06	+124.63
24/05/26	-	-
25/05/26	-	-
26/05/26	8.22	+124.47
27/05/26	8.27	+124.42
28/05/26	8.22	+124.47
29/05/26	7.98	+124.71

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH2**
	Ground Level : +132.69 mPD
	Co-ordinate: **E 832905.91 N 815889.16**
	Measured By: Lau
	Checked By: AW

Depth of Standpipe (m below G. L.) : 15.00

Date Day/Mth/Year	Water Level of Standpipe (m below G. L.)	Reduce Level (mPD)
06/05/26	6.91	+125.78
07/05/26	6.80	+125.89
08/05/26	6.87	+125.82
09/05/26	7.03	+125.66
10/05/26	-	-
11/05/26	6.81	+125.88
12/05/26	6.83	+125.86
13/05/26	6.82	+125.87
14/05/26	6.89	+125.80
15/05/26	6.87	+125.82
16/05/26	6.98	+125.71
17/05/26	-	-
18/05/26	6.88	+125.81
19/05/26	7.03	+125.66
20/05/26	7.05	+125.64
21/05/26	6.92	+125.77
22/05/26	6.95	+125.74
23/05/26	6.94	+125.75
24/05/26	-	-
25/05/26	-	-
26/05/26	6.98	+125.71
27/05/26	6.88	+125.81
28/05/26	6.78	+125.91
29/05/26	6.84	+125.85

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH3**
	Ground Level : +132.77 mPD
	Co-ordinate: **E 832887.92 N 815898.21**
	Measured By: Lau
	Checked By: AW

Depth of Piezometer (m below G. L.) : 55.30

Date Day/Mth/Year	Water Level of Piezometer (m below G. L.)	Reduce Level (mPD)
12/05/26	11.85	+120.92
13/05/26	11.64	+121.13
14/05/26	11.66	+121.11
15/05/26	11.63	+121.14
16/05/26	11.62	+121.15
17/05/26	-	-
18/05/26	11.72	+121.05
19/05/26	11.63	+121.14
20/05/26	11.82	+120.95
21/05/26	11.56	+121.21
22/05/26	11.77	+121.00
23/05/26	11.99	+120.78
24/05/26	-	-
25/05/26	-	-
26/05/26	11.80	+120.97
27/05/26	11.92	+120.85
28/05/26	11.98	+120.79
29/05/26	11.90	+120.87

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH3**
	Ground Level : +132.77 mPD
	Co-ordinate: **E 832887.92 N 815898.21**
	Measured By: Lau
	Checked By: AW

Depth of Standpipe (m below G. L.) : 15.00

Date Day/Mth/Year	Water Level of Standpipe (m below G. L.)	Reduce Level (mPD)
12/05/26	10.98	+121.79
13/05/26	10.93	+121.84
14/05/26	10.81	+121.96
15/05/26	11.15	+121.62
16/05/26	11.00	+121.77
17/05/26	-	-
18/05/26	11.12	+121.65
19/05/26	11.09	+121.68
20/05/26	10.72	+122.05
21/05/26	11.14	+121.63
22/05/26	10.98	+121.79
23/05/26	10.98	+121.79
24/05/26	-	-
25/05/26	-	-
26/05/26	11.20	+121.57
27/05/26	10.84	+121.93
28/05/26	10.99	+121.78
29/05/26	10.83	+121.94

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH4**
	Ground Level : +132.62 mPD
	Co-ordinate: **E 832901.96 N 815895.49**
	Measured By: Lau
	Checked By: AW

Depth of Piezometer (m below G. L.) : 49.73

Date Day/Mth/Year	Water Level of Piezometer (m below G. L.)	Reduce Level (mPD)
27/04/26	8.81	+123.81
28/04/26	8.93	+123.69
29/04/26	8.75	+123.87
30/04/26	8.75	+123.87
01/05/26	-	-
02/05/26	8.60	+124.02
03/05/26	-	-
04/05/26	8.84	+123.78
05/05/26	8.87	+123.75
06/05/26	8.58	+124.04
07/05/26	8.88	+123.74
08/05/26	8.91	+123.71
09/05/26	8.60	+124.02
10/05/26	-	-
11/05/26	8.94	+123.68
12/05/26	8.64	+123.98
13/05/26	8.59	+124.03
14/05/26	8.83	+123.79
15/05/26	8.90	+123.72
16/05/26	8.80	+123.82
17/05/26	-	-
18/05/26	8.88	+123.74
19/05/26	8.71	+123.91
20/05/26	8.74	+123.88
21/05/26	8.80	+123.82
22/05/26	8.68	+123.94
23/05/26	8.73	+123.89
24/05/26	-	-
25/05/26	-	-
26/05/26	8.74	+123.88
27/05/26	8.93	+123.69
28/05/26	8.77	+123.85

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH4**
	Ground Level : +132.62 mPD
	Co-ordinate: **E 832901.96 N 815895.49**
	Measured By: Lau
	Checked By: AW

Depth of Piezometer (m below G. L.) : 49.73

Date Day/Mth/Year	Water Level of Piezometer (m below G. L.)	Reduce Level (mPD)
29/05/26	8.86	+123.76

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P.
Ground Investigation Works

Drillhole No. : DH4
Ground Level : +132.62 mPD
Co-ordinate:
E 832901.96 N 815895.49
Measured By: Lau
Checked By: AW

Depth of Standpipe (m below G. L.) : 15.00

Date Day/Mth/Year	Water Level of Standpipe (m below G. L.)	Reduce Level (mPD)
27/04/26	8.39	+124.23
28/04/26	8.23	+124.39
29/04/26	8.46	+124.16
30/04/26	8.41	+124.21
01/05/26	-	-
02/05/26	8.46	+124.16
03/05/26	-	-
04/05/26	8.38	+124.24
05/05/26	8.44	+124.18
06/05/26	8.24	+124.38
07/05/26	8.50	+124.12
08/05/26	8.32	+124.30
09/05/26	8.28	+124.34
10/05/26	-	-
11/05/26	8.35	+124.27
12/05/26	8.26	+124.36
13/05/26	8.20	+124.42
14/05/26	8.25	+124.37
15/05/26	8.36	+124.26
16/05/26	8.34	+124.28
17/05/26	-	-
18/05/26	8.24	+124.38
19/05/26	8.35	+124.27
20/05/26	8.20	+124.42
21/05/26	8.25	+124.37
22/05/26	8.26	+124.36
23/05/26	8.32	+124.30
24/05/26	-	-
25/05/26	-	-
26/05/26	8.26	+124.36
27/05/26	8.48	+124.14
28/05/26	8.31	+124.31

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH4**
	Ground Level : +132.62 mPD
	Co-ordinate: **E 832901.96 N 815895.49**
	Measured By: Lau
	Checked By: AW

Depth of Standpipe (m below G. L.) : 15.00

Date Day/Mth/Year	Water Level of Standpipe (m below G. L.)	Reduce Level (mPD)
29/05/26	8.41	+124.21

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH5**
	Ground Level : +132.61 mPD
	Co-ordinate: **E 832889.28 N 815903.60**
	Measured By: Lau
	Checked By: AW

Depth of Piezometer (m below G. L.) : 58.60

Date Day/Mth/Year	Water Level of Piezometer (m below G. L.)	Reduce Level (mPD)
30/04/26	11.22	+121.39
01/05/26	-	-
02/05/26	11.23	+121.38
03/05/26	-	-
04/05/26	11.41	+121.20
05/05/26	11.39	+121.22
06/05/26	11.30	+121.31
07/05/26	11.21	+121.40
08/05/26	11.40	+121.21
09/05/26	11.33	+121.28
10/05/26	-	-
11/05/26	11.35	+121.26
12/05/26	11.42	+121.19
13/05/26	11.43	+121.18
14/05/26	11.22	+121.39
15/05/26	11.25	+121.36
16/05/26	11.20	+121.41
17/05/26	-	-
18/05/26	11.22	+121.39
19/05/26	11.14	+121.47
20/05/26	11.18	+121.43
21/05/26	11.17	+121.44
22/05/26	11.12	+121.49
23/05/26	11.22	+121.39
24/05/26	-	-
25/05/26	-	-
26/05/26	11.17	+121.44
27/05/26	11.39	+121.22
28/05/26	11.14	+121.47
29/05/26	11.20	+121.41

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH5**
	Ground Level : +132.61 mPD
	Co-ordinate: **E 832889.28 N 815903.60**
	Measured By: Lau
	Checked By: AW

Depth of Standpipe (m below G. L.) : 15.00

Date Day/Mth/Year	Water Level of Standpipe (m below G. L.)	Reduce Level (mPD)
30/04/26	10.95	+121.66
01/05/26	-	-
02/05/26	10.92	+121.69
03/05/26	-	-
04/05/26	10.79	+121.82
05/05/26	11.07	+121.54
06/05/26	10.93	+121.68
07/05/26	10.86	+121.75
08/05/26	10.75	+121.86
09/05/26	10.81	+121.80
10/05/26	-	-
11/05/26	10.96	+121.65
12/05/26	11.00	+121.61
13/05/26	10.91	+121.70
14/05/26	10.92	+121.69
15/05/26	10.89	+121.72
16/05/26	10.91	+121.70
17/05/26	-	-
18/05/26	11.04	+121.57
19/05/26	10.93	+121.68
20/05/26	10.80	+121.81
21/05/26	11.04	+121.57
22/05/26	10.85	+121.76
23/05/26	10.80	+121.81
24/05/26	-	-
25/05/26	-	-
26/05/26	11.08	+121.53
27/05/26	11.03	+121.58
28/05/26	10.96	+121.65
29/05/26	11.04	+121.57

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH6**
	Ground Level : +132.58 mPD
	Co-ordinate: **E 832897.92 N 815905.41**
	Measured By: Lau
	Checked By: AW

Depth of Piezometer (m below G. L.) : 58.50

Date Day/Mth/Year	Water Level of Piezometer (m below G. L.)	Reduce Level (mPD)
19/05/26	12.21	+120.37
20/05/26	12.34	+120.24
21/05/26	12.12	+120.46
22/05/26	12.12	+120.46
23/05/26	12.05	+120.53
24/05/26	-	-
25/05/26	-	-
26/05/26	12.35	+120.23
27/05/26	12.04	+120.54
28/05/26	12.09	+120.49
29/05/26	12.03	+120.55

CITY GEOTECHNICAL ENGINEERING LTD.

Ground Water Level Record

Project: 64 Conduit Road, Hong Kong - I.L. 2387 s.A R.P. **Ground Investigation Works**	**Drillhole No. : DH6**
	Ground Level : +132.58 mPD
	Co-ordinate: **E 832897.92 N 815905.41**
	Measured By: Lau
	Checked By: AW

Depth of Standpipe (m below G. L.) : 15.00

Date Day/Mth/Year	Water Level of Standpipe (m below G. L.)	Reduce Level (mPD)
19/05/26	10.83	+121.75
20/05/26	10.72	+121.86
21/05/26	10.83	+121.75
22/05/26	10.86	+121.72
23/05/26	10.72	+121.86
24/05/26	-	-
25/05/26	-	-
26/05/26	10.96	+121.62
27/05/26	10.88	+121.70
28/05/26	10.92	+121.66
29/05/26	10.85	+121.73

APPENDIX E1

SMRIS Report

Slope Maintenance Responsibility Report (11SW-A/R636)	**ESTATE MANAGEMENT SECTION** **LANDS DEPARTMENT**

List of Slope Maintenance Responsibility Area(s)

1	**11SW-A/R636**		**Sub-Division**	1
	Location	Within IL 2387 S.A ss.1, IL 2387 S.A RP, IL 946 S.B ss.1 and IL 8314		
	Responsible Lot/Party	IL 2387 S.A ss.1	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

2	**11SW-A/R636**		**Sub-Division**	2
	Location	Within IL 2387 S.A ss.1, IL 2387 S.A RP, IL 946 S.B ss.1 and IL 8314		
	Responsible Lot/Party	IL 2387 S.A RP	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

3	**11SW-A/R636**		**Sub-Division**	3
	Location	Within IL 2387 S.A ss.1, IL 2387 S.A RP, IL 946 S.B ss.1 and IL 8314		
	Responsible Lot/Party	IL 946 S.B ss.1	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

4	**11SW-A/R636**		**Sub-Division**	4
	Location	Within IL 2387 S.A ss.1, IL 2387 S.A RP, IL 946 S.B ss.1 and IL 8314		
	Responsible Lot/Party	IL 8314	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

- End of Report -

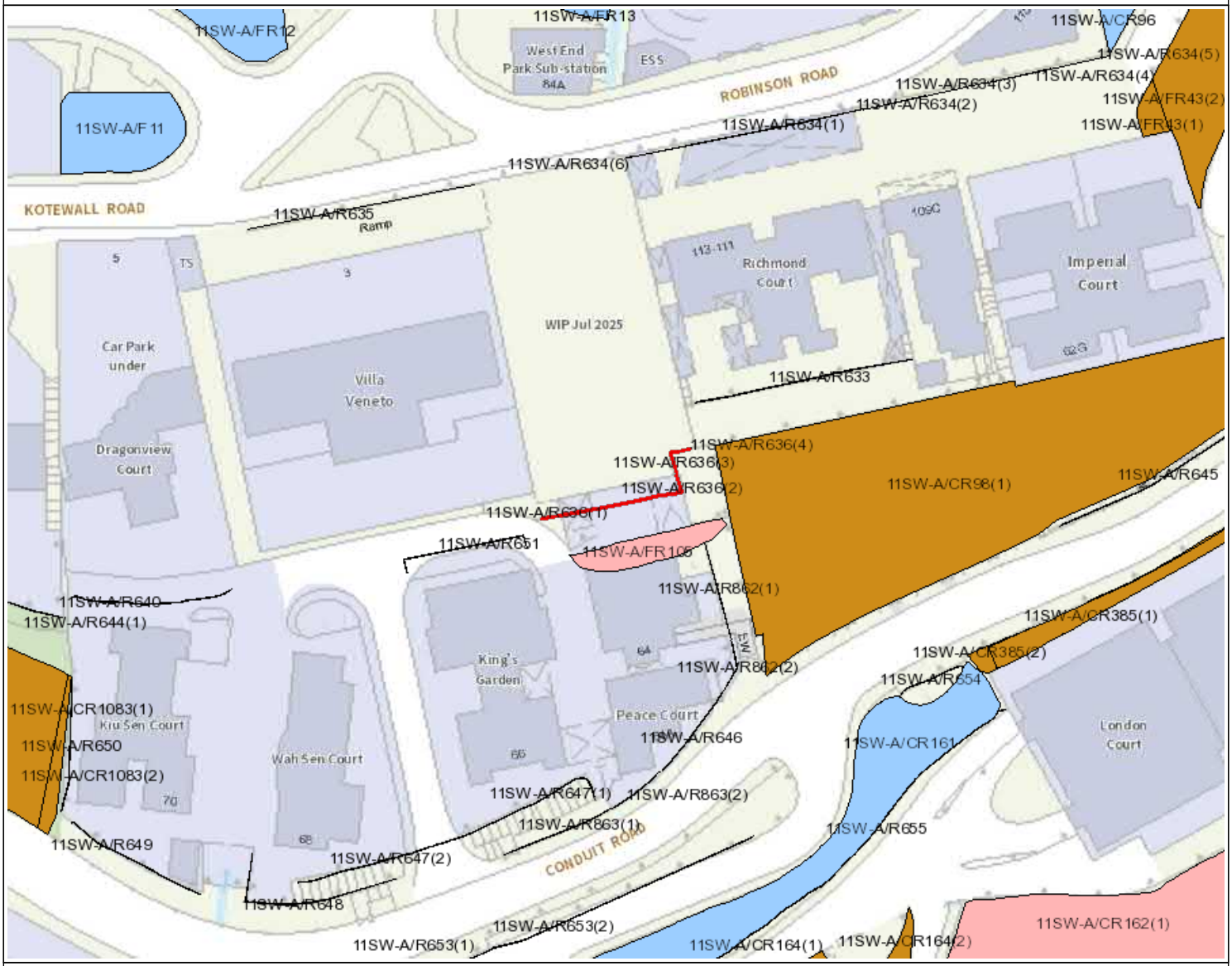
Notes:

(i) The location plan in Annex is for identification purposes of slope(s) only.

(ii) The slope(s) as listed in the Slope Maintenance Responsibility Report may not be shown on the location plan in Annex.

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Location Plan



Legend

- Slope Area(s)
- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties

ESTATE MANAGEMENT SECTION
LANDS DEPARTMENT

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Slope Maintenance Responsibility Report (11SW-A/R635)	**ESTATE MANAGEMENT SECTION** **LANDS DEPARTMENT**

List of Slope Maintenance Responsibility Area(s)

1	**11SW-A/R635**		**Sub-Division**	Not Applicable
	Location	WITHIN INLAND LOT 946		
	Responsible Lot/Party	IL946	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

- End of Report -

Notes:

(i) The location plan in Annex is for identification purposes of slope(s) only.

(ii) The slope(s) as listed in the Slope Maintenance Responsibility Report may not be shown on the location plan in Annex.

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Location Plan



Legend

- Slope Area(s)
- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties

ESTATE MANAGEMENT SECTION
LANDS DEPARTMENT

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Slope Maintenance Responsibility Report (11SW-A/R634)	**ESTATE MANAGEMENT SECTION** **LANDS DEPARTMENT**

List of Slope Maintenance Responsibility Area(s)

1	**11SW-A/R634**		**Sub-Division**	1
	Location	WITHIN IL 946 A3, IL 946 A1A, IL 946 A1B, IL 946 A1C, IL 946 A1RP AND IL 8323		
	Responsible Lot/Party	IL 946 A,3	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		
2	**11SW-A/R634**		**Sub-Division**	2
	Location	WITHIN IL 946 A3, IL 946 A1A, IL 946 A1B, IL 946 A1C, IL 946 A1RP AND IL 8323		
	Responsible Lot/Party	IL 946 A,1,A	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		
3	**11SW-A/R634**		**Sub-Division**	3
	Location	WITHIN IL 946 A3, IL 946 A1A, IL 946 A1B, IL 946 A1C, IL 946 A1RP AND IL 8323		
	Responsible Lot/Party	IL 946 A,1,B	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		
4	**11SW-A/R634**		**Sub-Division**	4
	Location	WITHIN IL 946 A3, IL 946 A1A, IL 946 A1B, IL 946 A1C, IL 946 A1RP AND IL 8323		
	Responsible Lot/Party	IL 946 A,1,C	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		
5	**11SW-A/R634**		**Sub-Division**	5
	Location	WITHIN IL 946 A3, IL 946 A1A, IL 946 A1B, IL 946 A1C, IL 946 A1RP AND IL 8323		
	Responsible Lot/Party	IL 946 A,1,RP	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		
6	**11SW-A/R634**		**Sub-Division**	6
	Location	WITHIN IL 946 A3, IL 946 A1A, IL 946 A1B, IL 946 A1C, IL 946 A1RP AND IL 8323		
	Responsible Lot/Party	IL 8323	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

- End of Report -

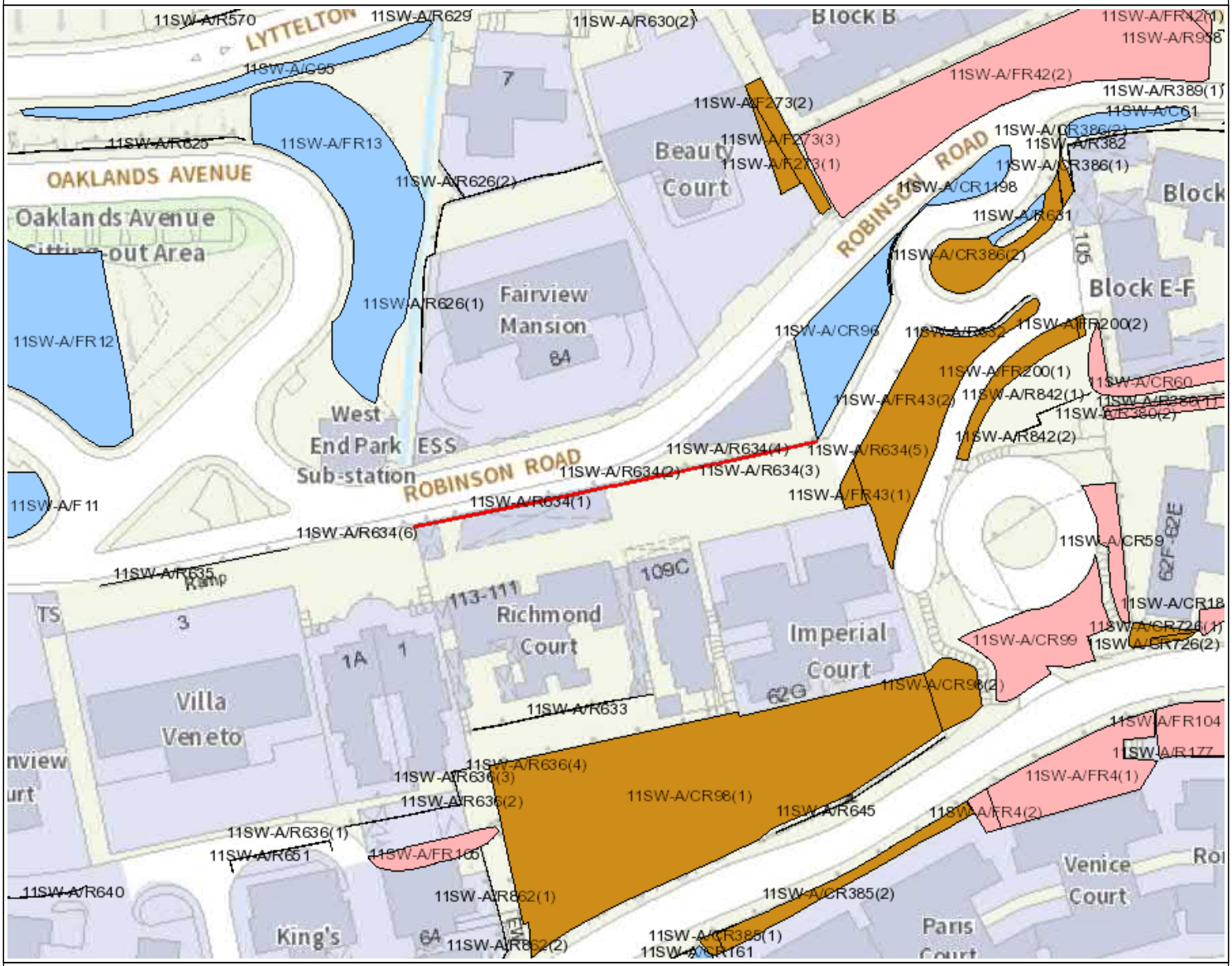
Notes:

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(ii) The slope(s) as listed in the Slope Maintenance Responsibility Report may not be shown on the location plan in Annex.

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Location Plan



Legend

- Slope Area(s)
- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties

ESTATE MANAGEMENT SECTION
LANDS DEPARTMENT

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Slope Maintenance Responsibility Report (11SW-A/R633)	**ESTATE MANAGEMENT SECTION** **LANDS DEPARTMENT**

List of Slope Maintenance Responsibility Area(s)

1	**11SW-A/R633**		**Sub-Division**	Not Applicable
	Location	WITHIN IL946A,3		
	Responsible Lot/Party	IL946A,3	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

- End of Report -

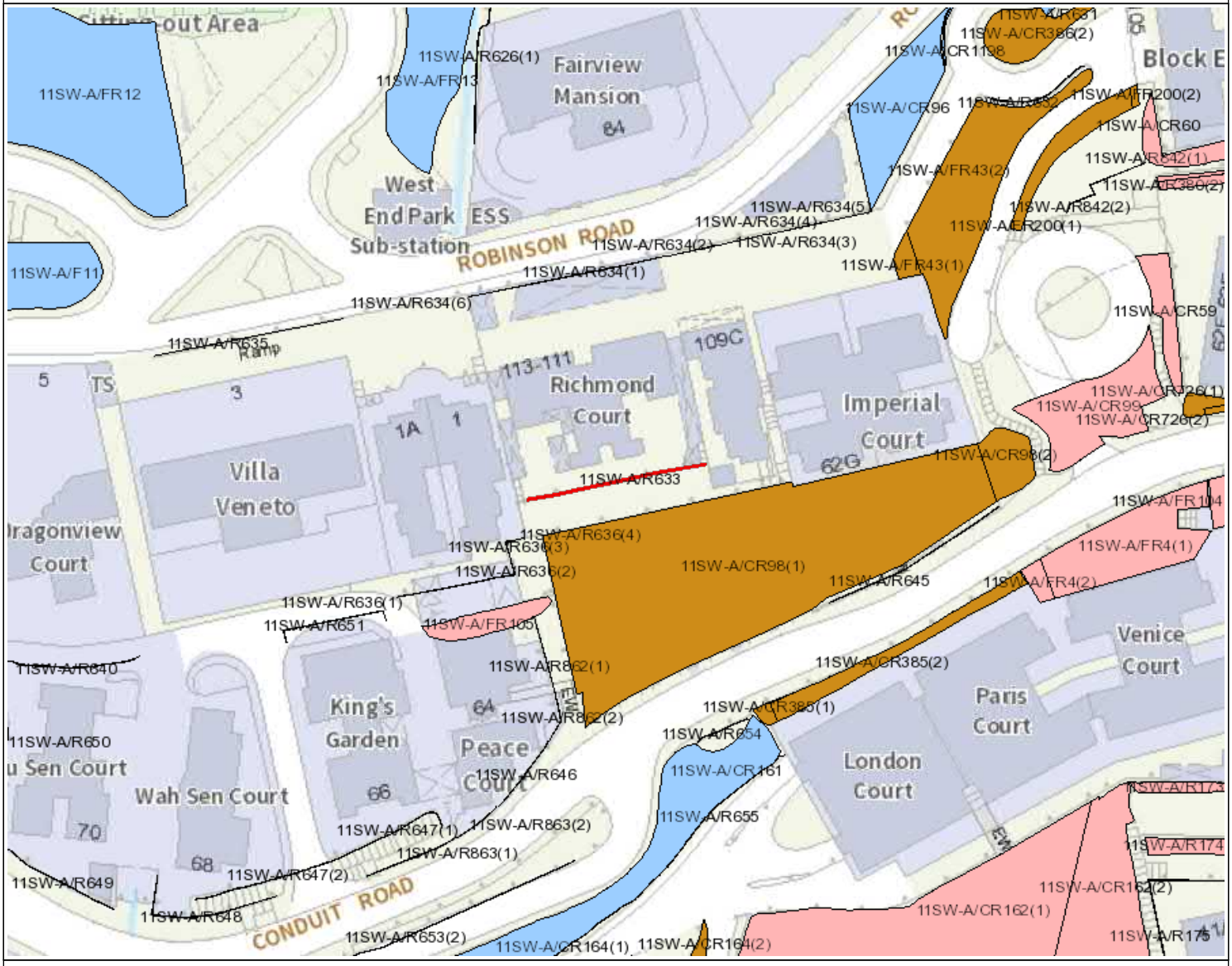
Notes:

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Location Plan



Legend

- Slope Area(s)
- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties

ESTATE MANAGEMENT SECTION
LANDS DEPARTMENT

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Slope Maintenance Responsibility Report (11SW-A/FR105)	**ESTATE MANAGEMENT SECTION** **LANDS DEPARTMENT**

List of Slope Maintenance Responsibility Area(s)

1	**11SW-A/FR105**		**Sub-Division**	Not Applicable
	Location	WITHIN IL 2387 A,RP		
	Responsible Lot/Party	IL 2387 A,RP	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

- End of Report -

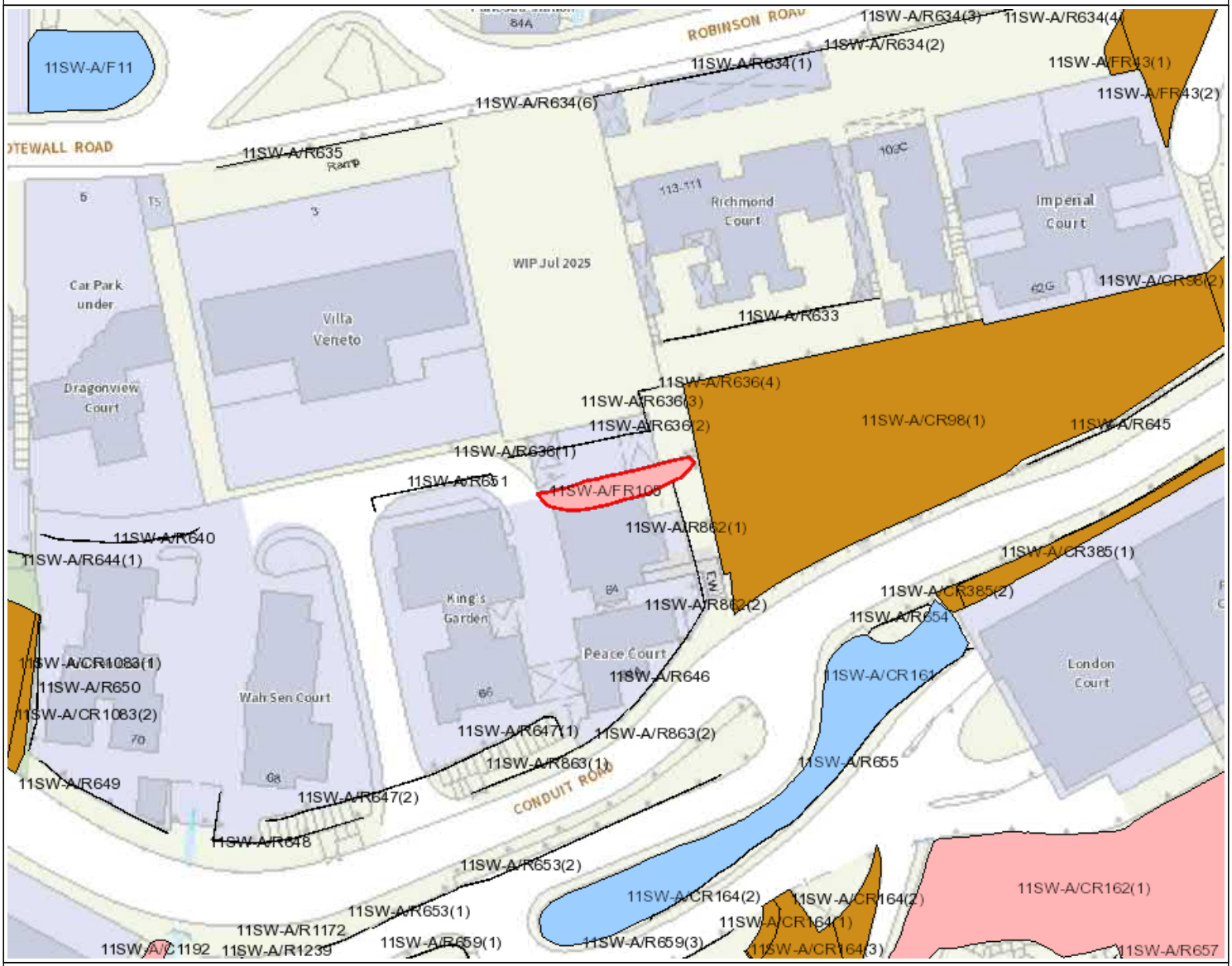
Notes:

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Location Plan



Legend

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- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties

ESTATE MANAGEMENT SECTION
LANDS DEPARTMENT

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Printed on: 22/01/2026

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Slope Maintenance Responsibility Report (11SW-A/CR98)	**ESTATE MANAGEMENT SECTION** **LANDS DEPARTMENT**

List of Slope Maintenance Responsibility Area(s)

1	**11SW-A/CR98**		**Sub-Division**	1
	Location	PARTLY WITHIN INLAND LOT 7956 AND PARTLY ON GOVERNMENT LAND		
	Responsible Lot/Party	IL7956	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

2	**11SW-A/CR98**		**Sub-Division**	2
	Location	PARTLY WITHIN INLAND LOT 7956 AND PARTLY ON GOVERNMENT LAND		
	Responsible Lot/Party	Highways Department	**Maintenance Agent**	Highways Department
	Remarks	For enquiries about the maintenance of this slope / sub-division of the slope, please contact the Maintenance Agent directly.		

- End of Report -

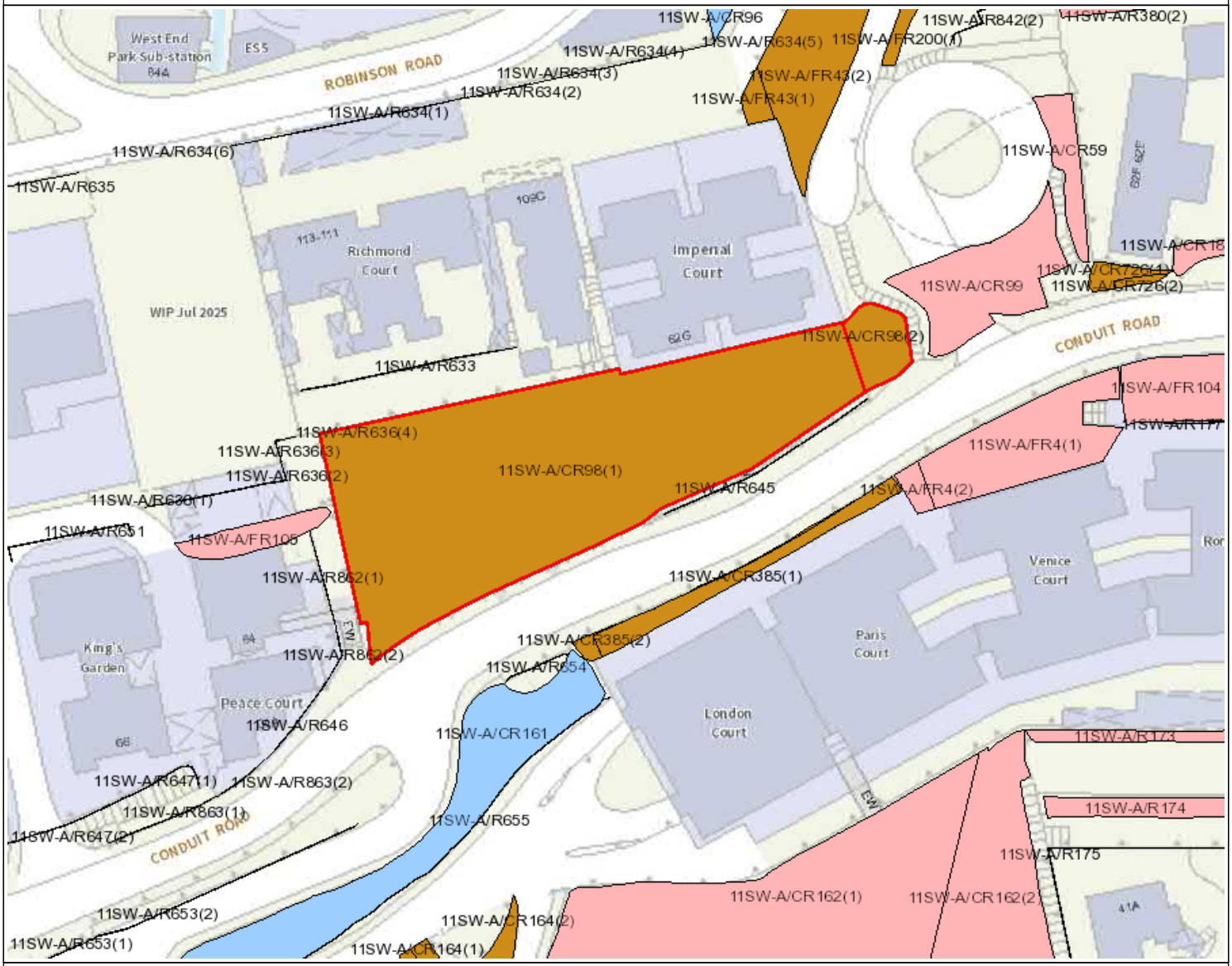
Notes:

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Location Plan



Legend

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- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties

ESTATE MANAGEMENT SECTION
LANDS DEPARTMENT

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Slope Maintenance Responsibility Report (11SW-A/R862)	ESTATE MANAGEMENT SECTION LANDS DEPARTMENT

List of Slope Maintenance Responsibility Area(s)

1	**11SW-A/R862**		**Sub-Division**	1
	Location	WITHIN IL 2387 A,RP AND A,2		
	Responsible Lot/Party	IL 2387 A,RP	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

2	**11SW-A/R862**		**Sub-Division**	2
	Location	WITHIN IL 2387 A,RP AND A,2		
	Responsible Lot/Party	IL 2387 A,2	**Maintenance Agent**	Not Applicable
	Remarks	Not Applicable		

- End of Report -

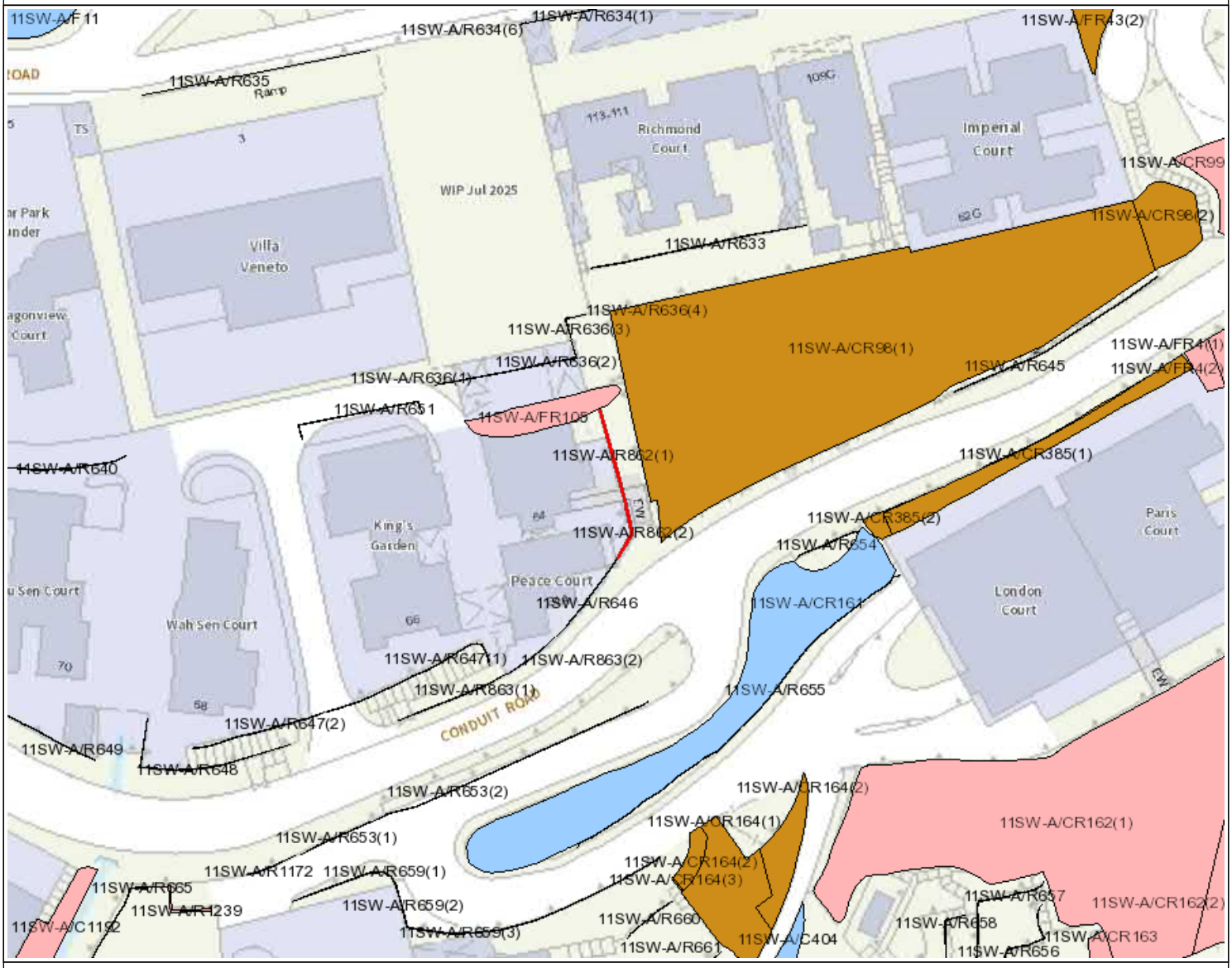
Notes:

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Location Plan



Legend

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- Search Location
- Slope(s) Maintained by Government
- Slope(s) Maintained by Private Party/Parties
- Slope(s) Maintained by Government and Private Party/Parties

ESTATE MANAGEMENT SECTION
LANDS DEPARTMENT

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APPENDIX E2

Slope Information Records

BASIC INFORMATION

Location:	BEHIND 1-1A KOTEWALL ROAD
Registration Date:	08-10-1997
Ranking Score (NPRS):	3151 (Notional)
Date of Formation:	post-1977
Date of Construction/ Modification:	
Data Source:	SIRST
Approximate Coordinates:	Easting : 832891 Northing : 815906

CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest:	Residential building
Distance of Facility from Crest (m):	5
Facility at Toe:	Residential building
Distance of Facility from Toe (m):	2
Consequence-to-life Category:	1
Remarks:	N/A

SLOPE PART

N/A

WALL PART

(1) Max. Height (m): 3 Length (m): 30 Face Angle (deg): 85

MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 1 Private Feature Party: IL 2387 S.A ss.1 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 19-10-2016
(2) Sub Div.: 2 Private Feature Party: IL 2387 S.A RP Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 19-10-2016
(3) Sub Div.: 3 Private Feature Party: IL 946 S.B ss.1 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 19-10-2016
(4) Sub Div.: 4 Private Feature Party: IL 8314 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 19-10-2016

DETAILS OF SLOPE / RETAINING WALL

Date of Inspection:	07-04-1995
Data Source:	SIRST
Slope Part Drainage:	N/A
Wall Part Drainage:	(1) Position: Stepped Size(mm): 75 (2) Position: Toe Size(mm): 125

SLOPE PART

N/A

WALL PART

Wall Part (1)
Type of Wall: Wall Material: Others Wall Location: Wall at crest
Berm: No. of Berms: N/A Min. Berm Width (m): N/A
Weepholes: Size (mm): 65 Spacing (m): 2.2

SERVICES

(1) Utilities Type: Sewer/Drain Size(mm): 100 Location: On slope Remark: N/A
(2) Utilities Type: Sewer/Drain Size(mm): 100 Location: On crest Remark: N/A

CHECKING STATUS INFORMATION

N/A

BACKGROUND INFORMATION

GIU Cell Ref.:	11SW7D6
Map Sheet Reference (1:1000):	11SW- 7D
Aerial Photos:	12597 (1976),
Nearest Rainguage Station (Station Number):	Buxey Lodge, 37 Conduit Road(H12)
Data Collected On:	07-04-1995
Date of Construction, Subsequent Modification and Demolition:	Modification: Constructed Before: 1976 After: N/A
Related Reports/Files or Documents:	File/Report: BP Reports Ref. No.: Mid-levels study File/Report: BP Reports Ref. No.: Mid-levels study File/Report: DLC/BC Ref. No.: IL2387 File/Report: DLC/BC Ref. No.: IL2387 File/Report: Development Ref. No.: GCI3/4/2033/88, GCI3/4/2018/88, GCI3/4/2113/87 File/Report: Development Ref. No.: GCI3/4/2033/88, GCI3/4/2018/88, GCI3/4/2113/87 File/Report: Development Ref. No.: GCI3/4/2043/93 File/Report: Development Ref. No.: GCI3/4/2043/93 File/Report: GEO Ref. No.: Stage 1 study, MLR 1/86 File/Report: GEO Ref. No.: Stage 1 study, MLR 1/86 File/Report: Pre-SIRST Ref. No.: Field Sheet File/Report: Pre-SIRST Ref. No.: Field Sheet
Remarks:	N/A
Follow Up Actions:	N/A
DH-Order (To Be Confirmed with Buildings Department):	None

Advisory Letter (To Be Confirmed with Buildings Department):	None
LPMIS:	None

ENHANCED MAINTENANCE INFORMATION

From Maintenance Department: (Last Updated Date: 21/11/2025)

STAGE 1 STUDY REPORT

Inspected On:	
Weather:	
District:	I
Section No:	1-1
Height(m):	
Type of Toe Facility:	Residential building
Distance from Toe(m):	2
Type of Crest Facility:	Residential building
Distance from Crest(m):	5
Consequence Category:	
Engineering Judgement:	
Section No:	2-2
Type of Toe Facility:	
Distance from Toe(m):	
Type of Crest Facility:	
Distance from Crest(m):	
Consequence Category:	
Engineering Judgement:	
Sign of Seepage:	
Criterion A satisfied:	
Sign of Distress:	
Criterion D satisfied:	
Non-routine maintenance required:	
Note:	
Masonry wall/Masonry facing:	
Note:	
Consequence category (for critical section):	
Observations:	N/A
Emergency Action Required:	
Action By:	N/A

ACTION TO INITIATE PREVENTIVE WORKS

Criterion A/Criterion D: N/A
Action By: N/A
Further Study:
Action By: N/A

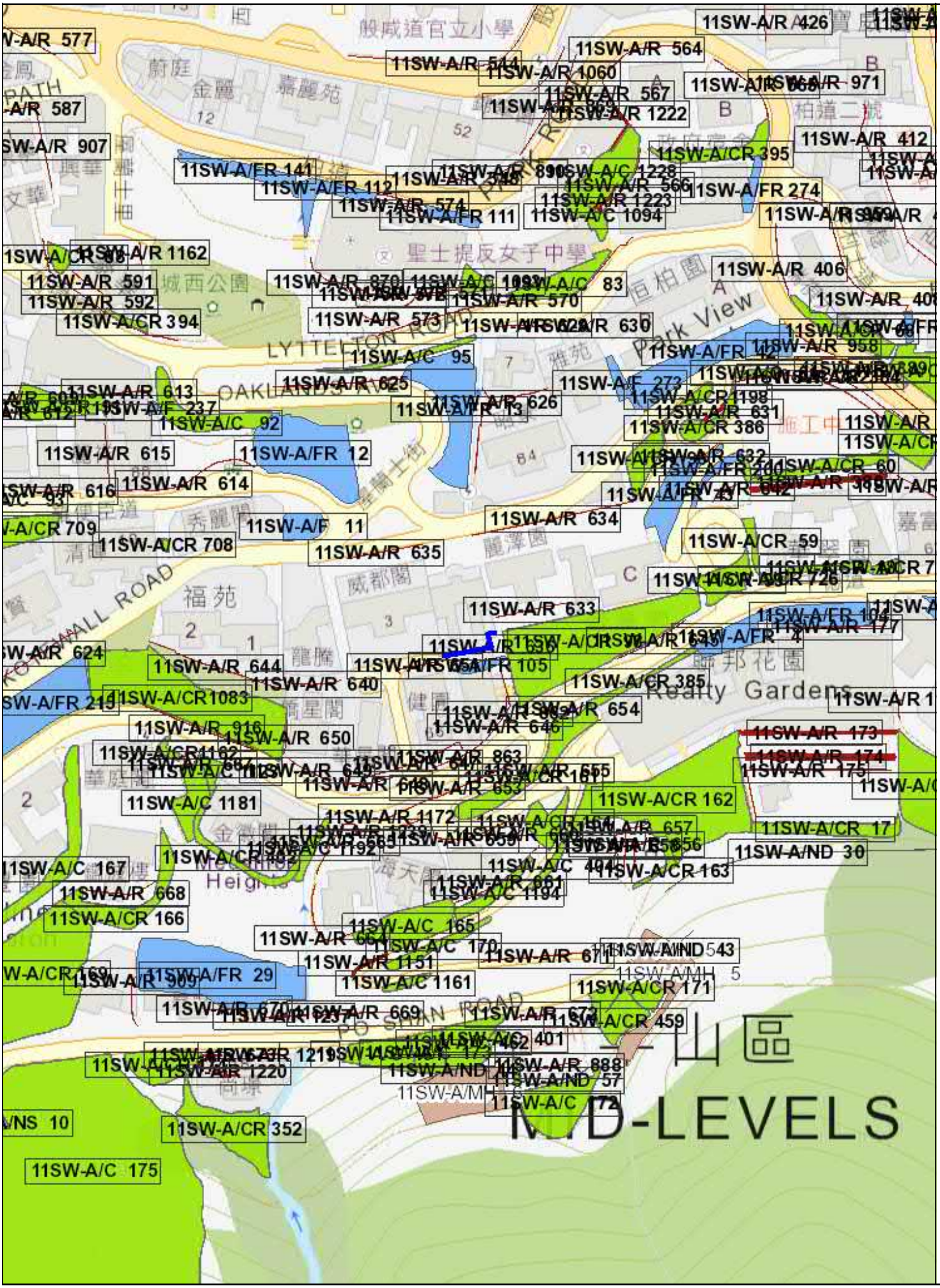
OTHER EXTERNAL ACTION

Check / repair Services:
Action By: N/A
Non-routine Maintenance:
Action By: N/A

PHOTO






11SW-A/R 577
11SW-A/R 426
11SW-A/R 564
11SW-A/R 514
11SW-A/R 1060
11SW-A/R 971
11SW-A/R 587
11SW-A/R 567
11SW-A/R 1222
11SW-A/R 907
11SW-A/R 412
11SW-A/CR 395
11SW-A/FR 141
11SW-A/C 1228
11SW-A/FR 112
11SW-A/R 566
11SW-A/FR 274
11SW-A/R 574
11SW-A/R 1223
11SW-A/FR 111
11SW-A/C 1094
11SW-A/R 1162
11SW-A/R 591
11SW-A/R 406
11SW-A/R 592
11SW-A/C 83
11SW-A/R 570
11SW-A/CR 394
11SW-A/R 573
11SW-A/R 630
11SW-A/C 95
11SW-A/R 958
11SW-A/R 625
11SW-A/R 613
11SW-A/F 237
11SW-A/R 626
11SW-A/CR 1198
11SW-A/R 631
11SW-A/C 92
11SW-A/CR 386
11SW-A/R 615
11SW-A/FR 12
11SW-A/R 632
11SW-A/CR 60
11SW-A/R 616
11SW-A/R 614
11SW-A/R 634
11SW-A/CR 709
11SW-A/F 11
11SW-A/CR 59
11SW-A/CR 708
11SW-A/R 635
11SW-A/R 633
11SW-A/R 624
11SW-A/R 644
11SW-A/FR 105
11SW-A/R 640
11SW-A/CR 385
11SW-A/FR 215
11SW-A/CR 1083
11SW-A/R 654
11SW-A/R 916
11SW-A/R 646
11SW-A/R 650
11SW-A/R 173
11SW-A/CR 1162
11SW-A/R 174
11SW-A/R 863
11SW-A/R 175
11SW-A/R 655
11SW-A/R 653
11SW-A/CR 161
11SW-A/C 1181
11SW-A/CR 162
11SW-A/R 1172
11SW-A/R 657
11SW-A/CR 17
11SW-A/R 659
11SW-A/ND 30
11SW-A/C 167
11SW-A/C 494
11SW-A/CR 163
11SW-A/R 661
11SW-A/R 668
11SW-A/C 1194
11SW-A/CR 166
11SW-A/C 165
11SW-A/R 664
11SW-A/C 170
11SW-A/ND 43
11SW-A/R 671
11SW-A/R 1151
11SW-A/FR 29
11SW-A/C 1161
11SW-A/CR 171
11SW-A/R 669
11SW-A/R 673
11SW-A/CR 459
11SW-A/C 462
11SW-A/C 401
11SW-A/R 888
11SW-A/ND 57
11SW-A/C 172
11SW-A/CR 352
11SW-A/C 175
MID-LEVELS

BASIC INFORMATION

Location:	VILLA VENETO, NO.3 ROBINSON ROAD, SHEUNG WAN
Registration Date:	08-10-1997
Ranking Score (NPRS):	1 (Notional)
Date of Formation:	pre-1977
Date of Construction/ Modification:	
Data Source:	SIRST
Approximate Coordinates:	Easting : 832860 Northing : 815949

CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest:	Road/footpath with low traffic density
Distance of Facility from Crest (m):	0
Facility at Toe:	Road/footpath with low traffic density
Distance of Facility from Toe (m):	1.5
Consequence-to-life Category:	3
Remarks:	N/A

SLOPE PART

N/A

WALL PART

(1) Max. Height (m): 7 Length (m): 25 Face Angle (deg): 90

MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 0 Private Feature Party: IL946 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 03-10-2001

DETAILS OF SLOPE / RETAINING WALL

Date of Inspection: 23-02-2001
Data Source: SIRST
Slope Part Drainage: N/A

Wall Part Drainage: N/A

SLOPE PART

N/A

WALL PART

Wall Part (1)
Type of Wall: Wall Material: Concrete Wall Location: Retaining wall with level platform
Berm: No. of Berms: N/A Min. Berm Width (m): N/A
Weepholes: Size (mm): N/A Spacing (m): N/A

SERVICES

N/A

CHECKING STATUS INFORMATION

N/A

BACKGROUND INFORMATION

GIU Cell Ref.: 11SW7D6

Map Sheet Reference (1:1000): 11SW- 7D

Aerial Photos: Y7604-5 (1963),

Nearest Rainguage Station (Station Number): Buxey Lodge, 37 Conduit Road(H12)

Data Collected On: 23-02-2001

Date of Construction, Subsequent Modification and Demolition: Modification: Constructed Before: 1963 After: 0

Related Reports/Files or Documents:
File/Report: BP Reports Ref. No.: BCO GC/B 6721/73/B (PH.II)C SUB FILE 9 PO SHAN RD
File/Report: BP Reports Ref. No.: BCO GC/B 6721/73/B (PH.II)C SUB FILE 9 PO SHAN RD
File/Report: Development Ref. No.: GCI2/B7/113
File/Report: Development Ref. No.: GCI2/B7/113
File/Report: GCC Ref. No.: GCBOP5/M247:f(6) II, (32) III, (33)III
File/Report: GCC Ref. No.: GCBOP5/M247:f(6) II, (32) III, (33)III
File/Report: MTR Protection Ref. No.: N
File/Report: MTR Protection Ref. No.: N
File/Report: Peizometres Ref. No.: N
File/Report: Peizometres Ref. No.: N
File/Report: Pre-SIRST Ref. No.:
File/Report: Pre-SIRST Ref. No.:

Remarks: N/A

Follow Up Actions: N/A

DH-Order (To Be Confirmed with Buildings Department): None

Advisory Letter (To Be Confirmed with Buildings Department): None

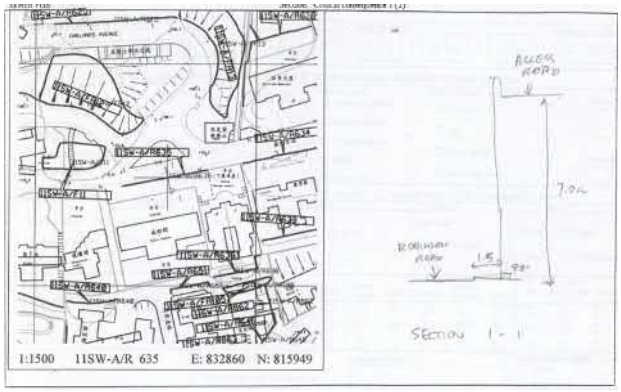
LPMIS: None

ENHANCED MAINTENANCE INFORMATION

From Maintenance Department: (Last Updated Date: 26/05/2022)

STAGE 1 STUDY REPORT

Inspected On: 23-02-2001
Weather: Mainly Fine
District: I



Section No: 1-1
Height(m): H1 : 7 , H2 : 7
Type of Toe Facility: Road/footpath with low traffic density

Distance from Toe(m): 1.5
Type of Crest Facility: Road/footpath with low traffic density

Distance from Crest(m): 0
Consequence Category: 3
Engineering Judgement: U

Section No: 2-2
Type of Toe Facility:

Distance from Toe(m):
Type of Crest Facility:

Distance from Crest(m):
Consequence Category: 3
Engineering Judgement: U

Sign of Seepage:	Slope : N/A Wall : No sign of seepage
Criterion A satisfied:	N
Sign of Distress:	Slope : N/A Wall : N/A
Criterion D satisfied:	N
Non-routine maintenance required:	N
Note:	N/A
Masonry wall/Masonry facing:	N
Note:	N/A
Consequence category (for critical section):	3
Observations:	N/A
Emergency Action Required:	N
Action By:	N/A

ACTION TO INITIATE PREVENTIVE WORKS

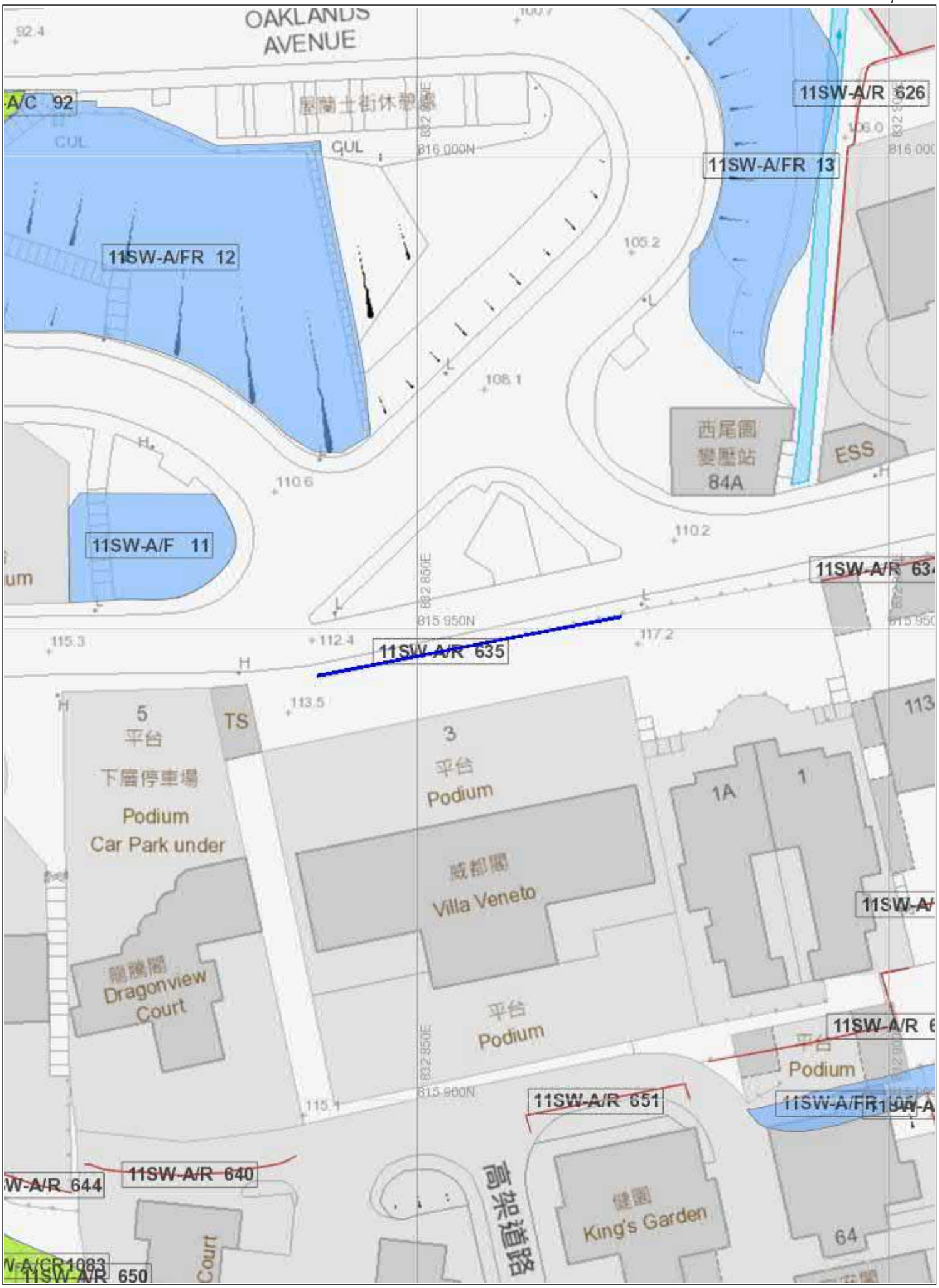
Criterion A/Criterion D:	N/A
Action By:	N/A
Further Study:	N
Action By:	N/A

OTHER EXTERNAL ACTION

Check / repair Services:	N
Action By:	N/A
Non-routine Maintenance:	N
Action By:	N/A

PHOTO




OAKLANDS AVENUE
11SW-A/C 92
11SW-A/R 626
11SW-A/FR 13
11SW-A/FR 12
11SW-A/F 11
11SW-A/R 635
11SW-A/R 651
11SW-A/R 640
11SW-A/R 644
11SW-A/R 650
西尾園變壓站 84A
ESS
TS
5 平台 下層停車場 Podium Car Park under
3 平台 Podium
威都閣 Villa Veneto
龍騰閣 Dragonview Court
平台 Podium
1A
1
健園 King's Garden
高架道路
64
816 000N
815 950N
815 900N
832 850E
CUL
105.2
108.1
110.6
110.2
115.3
112.4
117.2
113.5
115.1

BASIC INFORMATION

Location:	Nos 111-113 Robinson Road, Hong Kong
Registration Date:	08-10-1997
Ranking Score (NPRS):	395 (LPMit)
Date of Formation:	pre-1977
Date of Construction/ Modification:	
Data Source:	LPM
Approximate Coordinates:	Easting : 832926 Northing : 815962

CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest:	Indoor car park
Distance of Facility from Crest (m):	0
Facility at Toe:	Residential building
Distance of Facility from Toe (m):	0
Consequence-to-life Category:	1
Remarks:	N/A

SLOPE PART

N/A

WALL PART

(1) Max. Height (m): 7.3 Length (m): 68 Face Angle (deg): 85

MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 1 Private Feature Party: IL 946 A,3 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 29-06-2009
(2) Sub Div.: 2 Private Feature Party: IL 946 A,1,A Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 29-06-2009
(3) Sub Div.: 3 Private Feature Party: IL 946 A,1,B Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 29-06-2009
(4) Sub Div.: 4 Private Feature Party: IL 946 A,1,C Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 29-06-2009
(5) Sub Div.: 5 Private Feature Party: IL 946 A,1,RP Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 29-06-2009
(6) Sub Div.: 6 Private Feature Party: IL 8323 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 29-06-2009

DETAILS OF SLOPE / RETAINING WALL

Date of Inspection: 16-12-2010
Data Source: LPM
Slope Part Drainage: N/A

Wall Part Drainage: (1) Position: Crest Size(mm): 250
(2) Position: Downpipe Size(mm): 200

SLOPE PART

N/A

WALL PART

Wall Part (1)
Type of Wall: Wall Material: Masonry Wall Location: Retaining wall with level platform
Berm: No. of Berms: N/A Min. Berm Width (m): N/A
Weepholes: Size (mm): N/A Spacing (m): N/A

SERVICES

N/A

CHECKING STATUS INFORMATION

N/A

BACKGROUND INFORMATION

GIU Cell Ref.:	11SW7D6
Map Sheet Reference (1:1000):	11SW- 7D
Aerial Photos:	A30879-80 (1992),
Nearest Rainguage Station (Station Number):	Buxey Lodge, 37 Conduit Road(H12)
Data Collected On:	16-12-2010
Date of Construction, Subsequent Modification and Demolition:	Modification: Constructed Before: 1976 After: N/A

Related Reports/Files or Documents:

File/Report: BP Reports Ref. No.: Landslide Study Phase IIB Po Shan Rd 3/76
File/Report: BP Reports Ref. No.: Landslide Study Phase IIB Po Shan Rd 3/76
File/Report: BP Reports Ref. No.: Mid-levels Study report 10/81
File/Report: BP Reports Ref. No.: Mid-levels Study report 10/81
File/Report: Development Ref. No.: GCI2/B7/113
File/Report: Development Ref. No.: GCI2/B7/113
File/Report: GEO Ref. No.: Stage 2 report 10/85
File/Report: GEO Ref. No.: Stage 2 report 10/85
File/Report: GEO Ref. No.: mid-levels area study Area No.10 MLR 1/86
File/Report: GEO Ref. No.: mid-levels area study Area No.10 MLR 1/86
File/Report: Pre-SIRST Ref. No.: Field Sheet
File/Report: Pre-SIRST Ref. No.: Field Sheet

Remarks: N/A

Follow Up Actions: N/A

DH-Order (To Be Confirmed with Buildings Department):

Date of Recommendation to BD: 03/11/2010 File Reference: DH/0038/08/HK
Date Served by BD: 25/02/2011 Notice No.: DH0011/HK/11/C
Date of Recommendation to BD: 03/11/2010 File Reference: DH/0038/08/HK
Date Served by BD: 16/07/2021 Notice No.: DH0027/HK/21/C
Date of Recommendation to BD: 03/11/2010 File Reference: DH/0038/08/HK
Date Served by BD: 29/04/2011 Notice No.: DH0052/HK/11/C
Date of Recommendation to BD: 03/11/2010 File Reference: DH/0038/08/HK
Date Served by BD: 25/02/2011 Notice No.: DH0010/HK/11/C
Date of Recommendation to BD: 03/11/2010 File Reference: DH/0038/08/HK
Date Served by BD: 16/07/2021 Notice No.: DH0026/HK/21/C
Date of Recommendation to BD: 03/11/2010 File Reference: DH/0038/08/HK
Date Served by BD: 29/04/2011 Notice No.: DH0051/HK/11/C
Date of Recommendation to BD: 03/11/2010 File Reference: DH/0039/08/HK
Date Served by BD: 25/02/2011 Notice No.: DH0012/HK/11/C
Date of Recommendation to BD: 03/11/2010 File Reference: DH/0039/08/HK
Date Served by BD: 16/07/2021 Notice No.: DH0025/HK/21/C

Advisory Letter (To Be Confirmed with Buildings Department): None

LPMIS: Agreement No.: CE10/2006 Report No.: S2R229/2008
Agreement No.: In-house Design Report No.: N/A

ENHANCED MAINTENANCE INFORMATION

From Maintenance Department: (Last Updated Date: 26/05/2022)

STAGE 1 STUDY REPORT

Inspected On:
Weather:
District: I

Section No: 1-1
Height(m):
Type of Toe Facility: Residential building

Distance from Toe(m): 0
Type of Crest Facility: Indoor car park

Distance from Crest(m): 0
Consequence Category:
Engineering Judgement:

Section No: 2-2
Type of Toe Facility:

Distance from Toe(m):
Type of Crest Facility:

Distance from Crest(m):
Consequence Category:
Engineering Judgement:

Sign of Seepage:

Criterion A satisfied:
Sign of Distress:

Criterion D satisfied:
Non-routine maintenance required:
Note:

Masonry wall/Masonry facing:
Note:

Consequence category (for critical section):
Observations: N/A
Emergency Action Required:
Action By: N/A

ACTION TO INITIATE PREVENTIVE WORKS

Criterion A/Criterion D: N/A
Action By: N/A
Further Study:
Action By: N/A

OTHER EXTERNAL ACTION

Check / repair Services:
Action By: N/A
Non-routine Maintenance:
Action By: N/A

eLPMIS

LPM/LPMit Details Report
- LPM Study Feature No.: 11SW-A/R 634
- Location: 113 ROBINSON ROAD
- District Council: Central & Western
- Maintenance Responsibility (At the Time of Selection): Private
- Responsible Party for Maintenance of Government Portion: N/A
- Private Lot No.: IL 8323,IL 946 A,1,A,IL 946 A,1,B,IL 946 A,1,C,IL 946 A,1,RP,IL 946 A,3

LPM/LPMit Study
- Agreement No.: CE10/2006
- Study Type: Stage 2 Study
- Consultant: C M Wong & Associates Ltd.
- GEO Managing Section / Engineer: SS / SS4
- Study Status: Study completed
- Design Approach: N/A
- Option Assessment Accepted: N
- Study Report No.: S2R229/2008
- Programme / Actual Commencement: 27-05-2008
- Programme / Actual Completion: 24-07-2009
- Report Recommendation (For Stage 2 Study): DH Order
- District Check Status: Exempted from checking
- Checking Certificate No.: N/A
- GEO Engineer's Remarks: DHO : DH0026/HK/21/C (SD1) DH0025/HK/21/C (SD2) and DH0027/HK/21/C (SD6) issued on 16/07/2021.

LPM/LPMit Works
- Works Contract No.: N/A
- GEO Managing Section / Engineer: N/A / N/A
- Contractor: N/A
- Progress Status: N/A
- Reason of Study Termination / Works Deletion (If Necessary): N/A
- Forecast Commencement Date: N/A
- Forecast Completion Date: N/A
- Completion Cert. Issued: N/A
- Site Handed Over to Maintenance Department on: N/A
- Estimated Cost for Upgrading (HK$M): N/A
- Maintenance Manual No.: N/A
- Actual Works: N/A
- No. of Tree Felled: N/A
- No. of Tree Planted (Incl. Transplant): N/A
- % Bare of Slope Surfacing: N/A
- % Vegetated of Slope Surfacing: N/A
- % Shotcrete of Slope Surfacing: N/A
- Other Hard Surface of Slope Surfacing: N/A

eLPMIS

LPM/LPMit Details Report
- LPM Study Feature No.: 11SW-A/R 634
- Location: 113 ROBINSON ROAD
- District Council: Central & Western
- Maintenance Responsibility (At the Time of Selection): Private
- Responsible Party for Maintenance of Government Portion: N/A
- Private Lot No.: NA

LPM/LPMit Study
- Agreement No.: In-house Design
- Study Type: Stage 2 Study
- Consultant: N/A
- GEO Managing Section / Engineer: LPM2 / N/A
- Study Status: Study terminated - Feature/catchment currently under redevelopment, being studied or being upgraded by other parties
- Design Approach: N/A
- Option Assessment Accepted: N/A
- Study Report No.: N/A
- Programme / Actual Commencement: N/A
- Programme / Actual Completion: N/A
- Report Recommendation (For Stage 2 Study): N/A
- District Check Status: N/A
- Checking Certificate No.: N/A
- GEO Engineer's Remarks: N/A

LPM/LPMit Works
- Works Contract No.: N/A
- GEO Managing Section / Engineer: N/A / N/A
- Contractor: N/A
- Progress Status: N/A
- Reason of Study Termination / Works Deletion (If Necessary): N/A
- Forecast Commencement Date: N/A
- Forecast Completion Date: N/A
- Completion Cert. Issued: N/A
- Site Handed Over to Maintenance Department on: N/A
- Estimated Cost for Upgrading (HK$M): N/A
- Maintenance Manual No.: N/A
- Actual Works: N/A
- No. of Tree Felled: N/A
- No. of Tree Planted (Incl. Transplant): N/A
- % Bare of Slope Surfacing: N/A
- % Vegetated of Slope Surfacing: N/A
- % Shotcrete of Slope Surfacing: N/A
- Other Hard Surface of Slope Surfacing: N/A

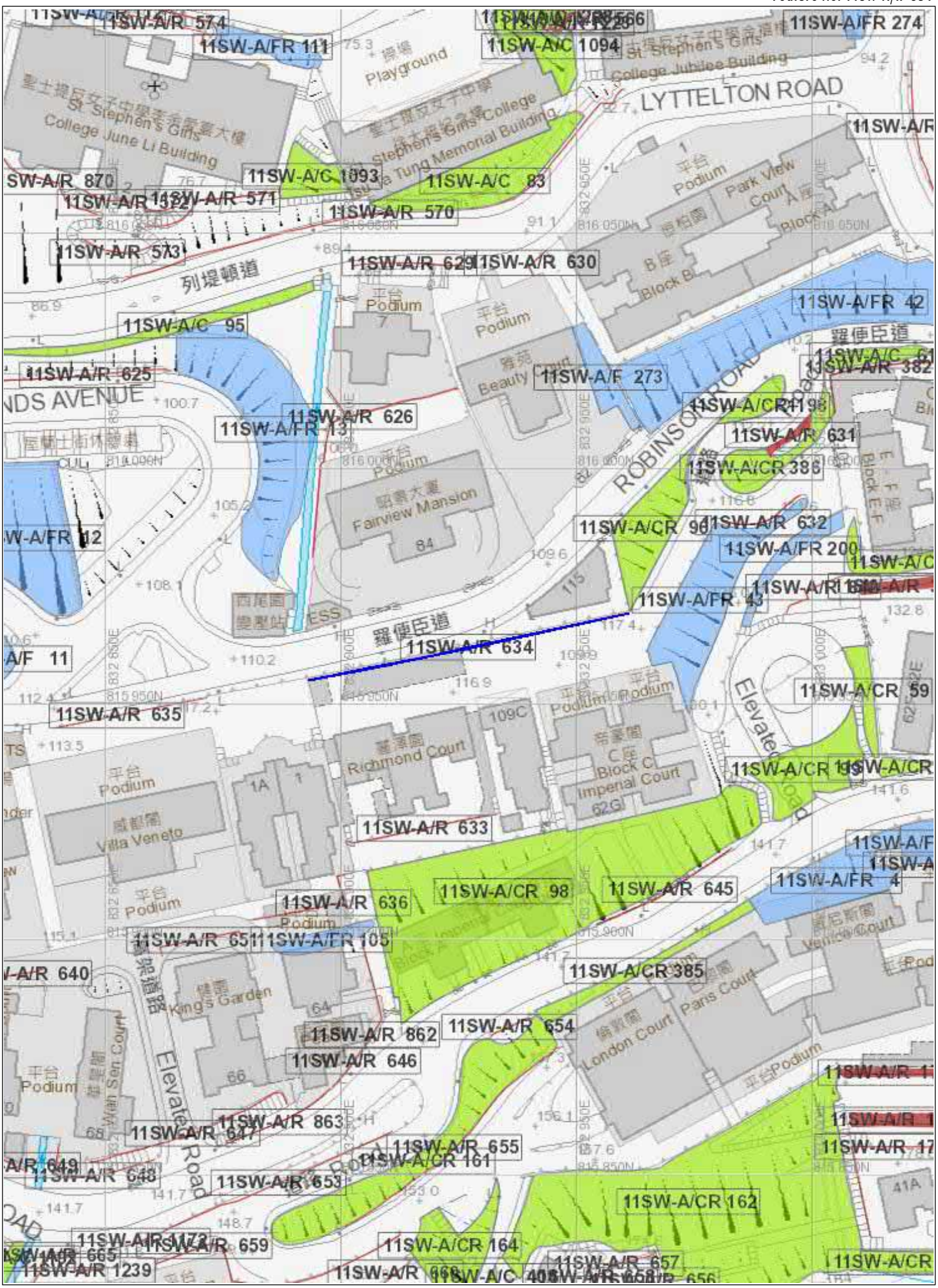
PHOTO










11SW-A/R 574
11SW-A/FR 111
11SW-A/C 1094
11SW-A/FR 274
LYTTELTON ROAD
St. Stephen's Girls College June Li Building
St. Stephen's Girls College Jubilee Building
Playground
11SW-A/C 1093
11SW-A/C 83
11SW-A/R 571
11SW-A/R 570
11SW-A/R 573
11SW-A/R 629
11SW-A/R 630
列堤頓道
Podium
Park View Court
Block A
Block B
11SW-A/FR 42
11SW-A/C 95
11SW-A/R 625
11SW-A/F 273
11SW-A/R 382
11SW-A/CR 119
11SW-A/R 626
11SW-A/FR 13
11SW-A/R 631
ROBINSON ROAD
11SW-A/CR 386
Fairview Mansion
11SW-A/CR 96
11SW-A/R 632
11SW-A/FR 200
11SW-A/FR 43
羅便臣道
11SW-A/R 634
11SW-A/CR 59
11SW-A/R 635
Richmond Court
Block C
Imperial Court
11SW-A/CR 99
Villa Veneto
11SW-A/R 633
11SW-A/CR 98
11SW-A/R 645
11SW-A/FR 4
11SW-A/R 636
11SW-A/R 651
11SW-A/FR 105
11SW-A/CR 385
Kings Garden
Pans Court
London Court
11SW-A/R 862
11SW-A/R 654
11SW-A/R 646
Elevated Road
11SW-A/R 863
11SW-A/R 647
11SW-A/R 655
11SW-A/CR 161
11SW-A/R 648
11SW-A/R 653
11SW-A/CR 162
11SW-A/R 659
11SW-A/CR 164
11SW-A/R 665
11SW-A/R 1239
11SW-A/C 408
11SW-A/R 657
11SW-A/CR

BASIC INFORMATION

Location:	111-113 ROBINSON ROAD
Registration Date:	08-10-1997
Ranking Score (NPRS):	4200 (Notional)
Date of Formation:	post-1977
Date of Construction/ Modification:	
Data Source:	SIRST
Approximate Coordinates:	Easting : 832918 Northing : 815924

CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest:	Densely-used sitting out area
Distance of Facility from Crest (m):	5
Facility at Toe:	Residential building
Distance of Facility from Toe (m):	2
Consequence-to-life Category:	1
Remarks:	N/A

SLOPE PART

N/A

WALL PART

(1) Max. Height (m): 4 Length (m): 25 Face Angle (deg): 90

MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 0 Private Feature Party: IL946A,3 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 20-03-2006

DETAILS OF SLOPE / RETAINING WALL

Date of Inspection: 10-05-1995
Data Source: SIRST
Slope Part Drainage: N/A

Wall Part Drainage: (1) Position: Stepped Size(mm): 75
(2) Position: Toe Size(mm): 75

SLOPE PART

N/A

WALL PART

Wall Part (1)
Type of Wall: Wall Material: Concrete Wall Location: Retaining wall with level platform
Berm: No. of Berms: N/A Min. Berm Width (m): N/A
Weepholes: Size (mm): 40 Spacing (m): 1.2

SERVICES

(1) Utilities Type: Telecom Size(mm): 20 Location: On slope Remark: N/A

CHECKING STATUS INFORMATION

N/A

BACKGROUND INFORMATION

GIU Cell Ref.:	11SW7D6
Map Sheet Reference (1:1000):	11SW- 7D
Aerial Photos:	N/A
Nearest Rainguage Station (Station Number):	Buxey Lodge, 37 Conduit Road(H12)
Data Collected On:	10-05-1995
Date of Construction, Subsequent Modification and Demolition:	Modification: Constructed Before: 1976 After: N/A
Related Reports/Files or Documents:	File/Report: BP Reports Ref. No.: Landslide Study Phase IIB Po Shan Road 3/76 File/Report: BP Reports Ref. No.: Landslide Study Phase IIB Po Shan Road 3/76 File/Report: BP Reports Ref. No.: Mid-levels study report 10/81 File/Report: BP Reports Ref. No.: Mid-levels study report 10/81 File/Report: DB or DH Ref. No.: DH350/84/HK File/Report: DB or DH Ref. No.: DH350/84/HK File/Report: Development Ref. No.: GCI2/B7/113 File/Report: Development Ref. No.: GCI2/B7/113 File/Report: GEO Ref. No.: Mid-levels area study MLR 1/86 File/Report: GEO Ref. No.: Mid-levels area study MLR 1/86 File/Report: GEO Ref. No.: Stage 2 report by design (08/92) File/Report: GEO Ref. No.: Stage 2 report by design (08/92) File/Report: Pre-SIRST Ref. No.: Field Sheet File/Report: Pre-SIRST Ref. No.: Field Sheet
Remarks:	Type - D-notice recommended
Follow Up Actions:	N/A

DH-Order (To Be Confirmed with Buildings Department): Date of Recommendation to BD: 04/11/1992 File Reference: DH/0350/84/HK
Date Served by BD: 26/02/1993 Notice No.: DH013/HK/93/C

Advisory Letter (To Be Confirmed with Buildings Department): Date of Recommendation to BD: 04/11/1986 File Reference: DH350/84/HK
Date Served by BD: 17/02/1987

LPMIS: Agreement No.: In-house Design Report No.: S2R 8/92

ENHANCED MAINTENANCE INFORMATION

From Maintenance Department: (Last Updated Date: 26/05/2022)

STAGE 1 STUDY REPORT

Inspected On:
Weather:
District: I

Section No: 1-1
Height(m):
Type of Toe Facility: Residential building

Distance from Toe(m): 2
Type of Crest Facility: Densely-used sitting out area

Distance from Crest(m): 5
Consequence Category:
Engineering Judgement:

Section No: 2-2
Type of Toe Facility:

Distance from Toe(m):
Type of Crest Facility:

Distance from Crest(m):
Consequence Category:
Engineering Judgement:

Sign of Seepage:

Criterion A satisfied:

Sign of Distress:

Criterion D satisfied:

Non-routine maintenance required:

Note:

Masonry wall/Masonry facing:

Note:

Consequence category (for critical section):

Observations: N/A

Emergency Action Required:

Action By: N/A

ACTION TO INITIATE PREVENTIVE WORKS

Criterion A/Criterion D: N/A

Action By: N/A

Further Study:

Action By: N/A

OTHER EXTERNAL ACTION

Check / repair Services:

Action By: N/A

Non-routine Maintenance:

Action By: N/A

eLPMIS

LPM/LPMit Details Report
- LPM Study Feature No.: 11SW-A/R 633
- Location: NOS.111 - 113, ROBINSON ROAD
- District Council: Central & Western
- Maintenance Responsibility (At the Time of Selection): Private
- Responsible Party for Maintenance of Government Portion: N/A
- Private Lot No.: NA

LPM/LPMit Study
- Agreement No.: In-house Design
- Study Type: Stage 2 Study
- Consultant: N/A
- GEO Managing Section / Engineer: LPM2 / N/A
- Study Status: Study completed
- Design Approach: Conventional (GI + Analysis)
- Option Assessment Accepted: N/A
- Study Report No.: S2R 8/92
- Programme / Actual Commencement: N/A
- Programme / Actual Completion: N/A
- Report Recommendation (For Stage 2 Study): DH Order
- District Check Status: Checked
- Checking Certificate No.: N/A
- GEO Engineer's Remarks: D-NOTICE ISSUED ON 26.02.93

LPM/LPMit Works
- Works Contract No.: N/A
- GEO Managing Section / Engineer: N/A / N/A
- Contractor: N/A
- Progress Status: N/A
- Reason of Study Termination / Works Deletion (If Necessary): N/A
- Forecast Commencement Date: N/A
- Forecast Completion Date: N/A
- Completion Cert. Issued: N/A
- Site Handed Over to Maintenance Department on: N/A
- Estimated Cost for Upgrading (HK$M): N/A
- Maintenance Manual No.: N/A
- Actual Works: N/A
- No. of Tree Felled: N/A
- No. of Tree Planted (Incl. Transplant): N/A
- % Bare of Slope Surfacing: N/A
- % Vegetated of Slope Surfacing: N/A
- % Shotcrete of Slope Surfacing: N/A
- Other Hard Surface of Slope Surfacing: N/A

PHOTO






11SW-A/FR 13
11SW-A/R 626
11SW-A/CR
84
西尾園
變壓站
84A
ESS
羅便臣道
11SW-A/R 634
11SW-A/R 635
113-111
麗澤園
Richmond Court
109C
帝豪閣
C座
Block C
Imperial Court
62G
1A
1
11SW-A/R 633
11SW-A/R 636
11SW-A/CR 98
11SW-A/R 645
Podium
11SW-A/FR 105
SW-A/R 651
健園
ing's Garden
64
宣安閣
Peace Court
11SW-A/R 862
11SW-A/R 646
66
11SW-A/CR 385
11SW-A/R 654
倫敦閣
London Court
11SW-A/CR 161
11SW-A/R 655
11SW-A/R 647
11SW-A/R 863
11SW-A/R 653

BASIC INFORMATION

Location:	64 CONDUIT ROAD
Registration Date:	08-10-1997
Ranking Score (NPRS):	0 (LPMit)
Date of Formation:	post-1977
Date of Construction/ Modification:	
Data Source:	SIRST
Approximate Coordinates:	Easting : 832896 Northing : 815902

CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest:	Densely-used playground
Distance of Facility from Crest (m):	1
Facility at Toe:	Residential building
Distance of Facility from Toe (m):	10
Consequence-to-life Category:	1
Remarks:	N/A

SLOPE PART

(1) Max. Height (m): 2 Length (m): 4 Average Angle (deg): 25

WALL PART

(1) Max. Height (m): 4 Length (m): 20 Face Angle (deg): 85

MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 0 Private Feature Party: IL 2387 A,RP Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 29-09-2006

DETAILS OF SLOPE / RETAINING WALL

Date of Inspection:	07-04-1995
Data Source:	SIRST
Slope Part Drainage:	N/A
Wall Part Drainage:	(1) Position: Stepped Size(mm): 75

SLOPE PART

Slope Part (1)
Surface Protection (%): Bare: 0 Vegetated: 5 Chunam: 95 Shotcrete: 0 Other Cover: 0
Material Description: Material type: Soil Geology: N/A
Berm: No. of Berms: N/A Min. Berm Width (m): N/A
Weepholes: Size (mm): N/A Spacing (m): N/A

WALL PART

Wall Part (1)
Type of Wall: Wall Material: Others Wall Location: Wall at toe
Berm: No. of Berms: N/A Min. Berm Width (m): N/A
Weepholes: Size (mm): N/A Spacing (m): N/A

SERVICES

(1) Utilities Type: Sewer/Drain Size(mm): 100 Location: On slope Remark: N/A

CHECKING STATUS INFORMATION

N/A

BACKGROUND INFORMATION

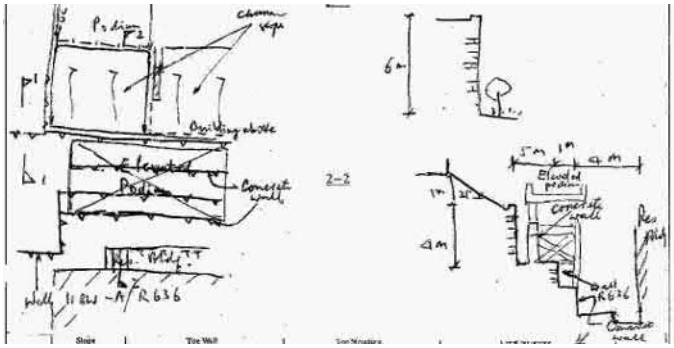
GIU Cell Ref.:	11SW7D6
Map Sheet Reference (1:1000):	11SW- 7D
Aerial Photos:	12597 (1976),
Nearest Rainguage Station (Station Number):	Buxey Lodge, 37 Conduit Road(H12)
Data Collected On:	07-04-1995
Date of Construction, Subsequent Modification and Demolition:	Modification: Constructed Before: 1976 After: N/A
Related Reports/Files or Documents:	File/Report: BP Reports Ref. No.: Mid-levels study (area 10) File/Report: BP Reports Ref. No.: Mid-levels study (area 10) File/Report: Development Ref. No.: GCI3/4/2033/88 (not affected yet) File/Report: Development Ref. No.: GCI3/4/2033/88 (not affected yet) File/Report: GEO Ref. No.: MLR 1/86 File/Report: GEO Ref. No.: MLR 1/86 File/Report: Pre-SIRST Ref. No.: Field Sheet File/Report: Pre-SIRST Ref. No.: Field Sheet
Remarks:	N/A
Follow Up Actions:	N/A
DH-Order (To Be Confirmed with Buildings Department):	None
Advisory Letter (To Be Confirmed with Buildings Department):	None
LPMIS:	None

ENHANCED MAINTENANCE INFORMATION

From Maintenance Department: (Last Updated Date: 21/11/2025)

STAGE 1 STUDY REPORT

Inspected On:	19-09-1997
Weather:	N/A
District:	I



Section No:	1-1
Height(m):	
Type of Toe Facility:	Residential building
Distance from Toe(m):	10
Type of Crest Facility:	Densely-used playground
Distance from Crest(m):	1
Consequence Category:	1
Engineering Judgement:	U
Section No:	2-2
Type of Toe Facility:	
Distance from Toe(m):	
Type of Crest Facility:	
Distance from Crest(m):	
Consequence Category:	1
Engineering Judgement:	U
Sign of Seepage:	Slope : No signs of seepage Wall : No sign of seepage
Criterion A satisfied:	N
Sign of Distress:	Slope : N/A Wall : Onset of severe(mid-portion, at toe)
Criterion D satisfied:	N
Non-routine maintenance required:	N
Note:	N/A
Masonry wall/Masonry facing:	N
Note:	N/A

Consequence category (for critical section):	1
Observations:	N/A
Emergency Action Required:	N
Action By:	N/A

ACTION TO INITIATE PREVENTIVE WORKS

Criterion A/Criterion D:	N/A
Action By:	N/A
Further Study:	N
Action By:	N/A

OTHER EXTERNAL ACTION

Check / repair Services:	N
Action By:	N/A
Non-routine Maintenance:	N
Action By:	N/A

PHOTO








11SW-A/R 577
11SW-A/R 544
11SW-A/R 564
11SW-A/R 426
11SW-A/R 1060
11SW-A/R 567
11SW-A/R 971
11SW-A/R 587
11SW-A/R 1222
11SW-A/R 907
11SW-A/R 412
11SW-A/CR 395
11SW-A/FR 141
11SW-A/FR 112
11SW-A/C 1228
11SW-A/R 566
11SW-A/FR 274
11SW-A/R 574
11SW-A/R 1223
11SW-A/FR 111
11SW-A/C 1094
11SW-A/R 1162
11SW-A/R 591
11SW-A/R 592
11SW-A/C 83
11SW-A/R 406
11SW-A/R 570
11SW-A/R 408
11SW-A/CR 394
11SW-A/R 573
11SW-A/R 630
11SW-A/C 95
11SW-A/R 625
11SW-A/F 273
11SW-A/R 613
11SW-A/F 237
11SW-A/R 626
11SW-A/CR 1198
11SW-A/R 631
11SW-A/C 92
11SW-A/CR 386
11SW-A/R 615
11SW-A/FR 12
11SW-A/R 616
11SW-A/R 614
11SW-A/CR 709
11SW-A/F 11
11SW-A/R 634
11SW-A/CR 708
11SW-A/R 635
11SW-A/CR 59
11SW-A/R 633
11SW-A/R 624
11SW-A/R 644
11SW-A/R 640
11SW-A/CR 385
11SW-A/FR 215
11SW-A/CR1083
11SW-A/R 654
11SW-A/R 916
11SW-A/R 650
11SW-A/R 646
11SW-A/R 173
11SW-A/R 174
11SW-A/R 175
11SW-A/C 1181
11SW-A/CR 162
11SW-A/R 1172
11SW-A/CR 17
11SW-A/ND 30
11SW-A/C 167
11SW-A/CR 402
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11SW-A/R 668
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11SW-A/CR 166
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11SW-A/C 170
11SW-A/ND 43
11SW-A/R 1151
11SW-A/FR 29
11SW-A/C 1161
11SW-A/CR 171
11SW-A/R 669
11SW-A/R 673
11SW-A/CR 459
11SW-A/C 401
11SW-A/R 1220
11SW-A/ND 57
11SW-A/C 172
11SW-A/CR 352
11SW-A/C 175
MID-LEVELS
PO SHAN ROAD
SMALL ROAD
Park View
Reality Gardens
Heights

BASIC INFORMATION

Location:	CONDUIT ROAD, W
Registration Date:	20-09-2000
Ranking Score (NPRS):	115 (EI)
Date of Formation:	post-1977
Date of Construction/ Modification:	05-03-1987
Data Source:	LPM
Approximate Coordinates:	Easting : 832953 Northing : 815910

CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest:	Road/footpath with moderate traffic density
Distance of Facility from Crest (m):	0
Facility at Toe:	Residential building
Distance of Facility from Toe (m):	0
Consequence-to-life Category:	1
Remarks:	N/A

SLOPE PART

(1) Max. Height (m): 15 Length (m): 85 Average Angle (deg): 35

WALL PART

(1) Max. Height (m): 6 Length (m): 75 Face Angle (deg): 90

MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 1 Mixed Feature Party: IL7956 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 29-07-2002
(2) Sub Div.: 2 Mixed Feature Party: HyD Agent: HyD Land Cat.: 5b(iii) Reason Code: 56 MR Endorsement Date: 29-07-2002

DETAILS OF SLOPE / RETAINING WALL

Date of Inspection:	12-10-2017
Data Source:	LPM
Slope Part Drainage:	(1) Position: Crest Size(mm): 300 (2) Position: On slope Size(mm): 300
Wall Part Drainage:	N/A

SLOPE PART

Slope Part (1)
Surface Protection (%): Bare: 0 Vegetated: 70 Chunam: 0 Shotcrete: 30 Other Cover: 0
Material Description: Material type: Soil Geology: N/A
Berm: No. of Berms: N/A Min. Berm Width (m): N/A
Weepholes: Size (mm): N/A Spacing (m): N/A

WALL PART

Wall Part (1)
Type of Wall: Wall Material: Masonry Wall Location: Wall at toe
Berm: No. of Berms: N/A Min. Berm Width (m): N/A
Weepholes: Size (mm): 95 Spacing (m): 1.2

SERVICES

N/A

CHECKING STATUS INFORMATION

Tagmark: 7048_1_2 Part: 1 Checking Status: No checking records Checking Certificate No.: N/A
Tagmark: 7048_2_2 Part: 2 Checking Status: Not Yet Reviewed Checking Certificate No.: N/A

BACKGROUND INFORMATION

GIU Cell Ref.:	11SW 7D6
Map Sheet Reference (1:1000):	11SW- 7D
Aerial Photos:	N/A
Nearest Rainguage Station (Station Number):	Buxey Lodge, 37 Conduit Road(H12)
Data Collected On:	12-10-2017
Date of Construction, Subsequent Modification and Demolition:	Modification: Constructed Before: 1978 After: 0
Related Reports/Files or Documents:	File/Report: Other Ref. No.: B&P field sheets File/Report: Other Ref. No.: B&P field sheets File/Report: Other Ref. No.: GcI 1/1/411 Pt 1 f(19A) File/Report: Other Ref. No.: GcI 1/1/411 Pt 1 f(19A)
Remarks:	N/A
Follow Up Actions:	N/A

DH-Order (To Be Confirmed with Buildings Department):	Date of Recommendation to BD: 28/12/1977 File Reference: N/A Date Served by BD: N/A Notice No.: N/A Date of Recommendation to BD: 12/05/1986 File Reference: DH/0258/77/HK(SS) A5 Date Served by BD: 20/06/1986 Notice No.: DH2/HK/86A
Advisory Letter (To Be Confirmed with Buildings Department):	None
LPMIS:	Agreement No.: In-house Design Report No.: N/A

ENHANCED MAINTENANCE INFORMATION

From Maintenance Department: (Last Updated Date: 21/11/2025)

STAGE 1 STUDY REPORT

Inspected On:	
Weather:	
District:	I
Section No:	1-1
Height(m):	
Type of Toe Facility:	Residential building
Distance from Toe(m):	0
Type of Crest Facility:	Road/footpath with moderate traffic density
Distance from Crest(m):	0
Consequence Category:	
Engineering Judgement:	
Section No:	2-2
Type of Toe Facility:	
Distance from Toe(m):	
Type of Crest Facility:	
Distance from Crest(m):	
Consequence Category:	
Engineering Judgement:	
Sign of Seepage:	
Criterion A satisfied:	
Sign of Distress:	
Criterion D satisfied:	
Non-routine maintenance required:	
Note:	
Masonry wall/Masonry facing:	
Note:	
Consequence category (for critical section):	
Observations:	N/A
Emergency Action Required:	

Action By: N/A

ACTION TO INITIATE PREVENTIVE WORKS

Criterion A/Criterion D: N/A
Action By: N/A
Further Study:
Action By: N/A

OTHER EXTERNAL ACTION

Check / repair Services:
Action By: N/A
Non-routine Maintenance:
Action By: N/A

eLPMIS

LPM/LPMit Details Report

LPM Study Feature No.:	11SW-A/CR 98
Location:	CONDUIT ROAD IC7956
District Council:	Central & Western
Maintenance Responsibility (At the Time of Selection):	Government
Responsible Party for Maintenance of Government Portion:	U
Private Lot No.:	N/A

LPM/LPMit Study

Agreement No.:	In-house Design
Study Type:	Stage 3 Study Under Remeasurement Contract
Consultant:	N/A
GEO Managing Section / Engineer:	- / N/A
Study Status:	Study terminated - Feature formed up to standard / previously upgraded or catchment not meeting react-to-known-hazard principle by previous study accepted by GEO
Design Approach:	N/A
Option Assessment Accepted:	N/A
Study Report No.:	N/A
Programme / Actual Commencement:	N/A
Programme / Actual Completion:	N/A
Report Recommendation (For Stage 2 Study):	N/A
District Check Status:	N/A
Checking Certificate No.:	N/A
GEO Engineer's Remarks:	Previously upgraded under DHO No.DH2/HK/86A

LPM/LPMit Works

Works Contract No.:	N/A
GEO Managing Section / Engineer:	N/A / N/A
Contractor:	N/A
Progress Status:	N/A
Reason of Study Termination / Works Deletion (If Necessary):	N/A
Forecast Commencement Date:	N/A
Forecast Completion Date:	N/A
Completion Cert. Issued:	N/A
Site Handed Over to Maintenance Department on:	N/A
Estimated Cost for Upgrading (HK$M):	N/A
Maintenance Manual No.:	N/A
Actual Works:	N/A
No. of Tree Felled:	N/A
No. of Tree Planted (Incl. Transplant):	N/A
% Bare of Slope Surfacing:	N/A
% Vegetated of Slope Surfacing:	N/A
% Shotcrete of Slope Surfacing:	N/A
Other Hard Surface of Slope Surfacing:	N/A

PHOTO

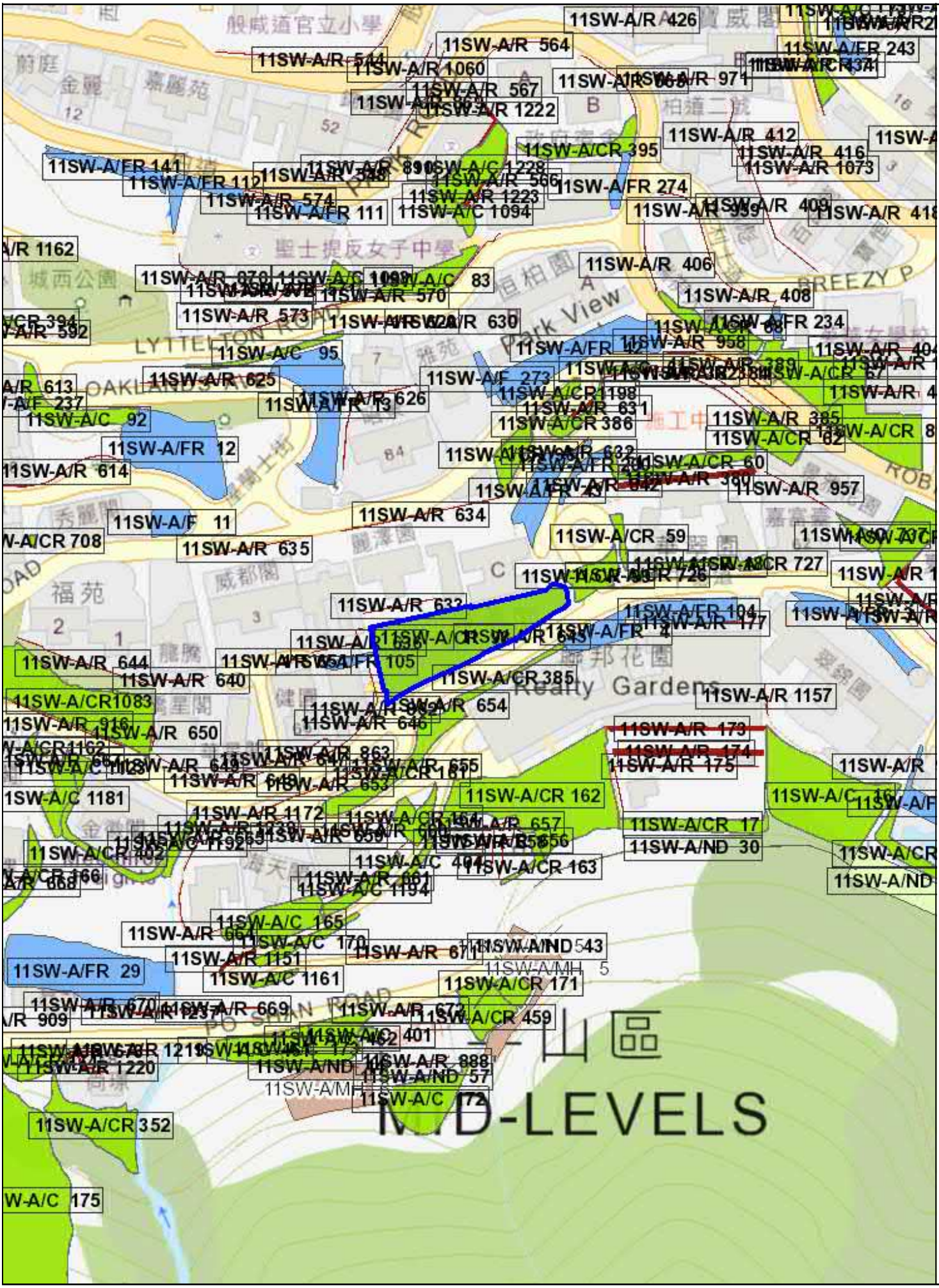











11SW-A/R 426
11SW-A/R 564
11SW-A/R 544
11SW-A/R 1060
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11SW-A/R 1222
11SW-A/R 971
11SW-A/FR 243
11SW-A/CR 395
11SW-A/R 412
11SW-A/R 416
11SW-A/R 1073
11SW-A/FR 141
11SW-A/FR 112
11SW-A/C 1228
11SW-A/R 566
11SW-A/R 1223
11SW-A/FR 274
11SW-A/R 574
11SW-A/FR 111
11SW-A/C 1094
11SW-A/R 409
11SW-A/R 406
11SW-A/R 408
11SW-A/C 83
11SW-A/R 570
11SW-A/R 573
11SW-A/R 630
11SW-A/FR 234
11SW-A/R 958
11SW-A/C 95
11SW-A/R 625
11SW-A/F 273
11SW-A/R 626
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11SW-A/R 631
11SW-A/R 385
11SW-A/C 92
11SW-A/CR 386
11SW-A/CR 62
11SW-A/FR 12
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11SW-A/R 634
11SW-A/CR 708
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11SW-A/R 644
11SW-A/FR 105
11SW-A/R 640
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11SW-A/R 174
11SW-A/R 175
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11SW-A/R 1172
11SW-A/R 657
11SW-A/CR 17
11SW-A/ND 30
11SW-A/CR 163
11SW-A/C 1194
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11SW-A/R 664
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11SW-A/CR 171
11SW-A/R 669
11SW-A/R 672
11SW-A/CR 459
11SW-A/C 462
11SW-A/C 401
11SW-A/R 888
11SW-A/ND 57
11SW-A/C 172
11SW-A/CR 352
11SW-A/C 175
MID-LEVELS
Realty Gardens
LYTTELTON ROAD
PO SHAN ROAD
Park View

BASIC INFORMATION

Location:	64 CONDUIT ROAD
Registration Date:	09-10-1998
Ranking Score (NPRS):	709 (Notional)
Date of Formation:	post-1977
Date of Construction/ Modification:	
Data Source:	SIRST
Approximate Coordinates:	Easting : 832906 Northing : 815892

CONSEQUENCE-TO-LIFE CATEGORY

Facility at Crest:	Residential building
Distance of Facility from Crest (m):	3
Facility at Toe:	Residential building
Distance of Facility from Toe (m):	3.5
Consequence-to-life Category:	1
Remarks:	N/A

SLOPE PART

N/A

WALL PART

(1) Max. Height (m): 5 Length (m): 30 Face Angle (deg): 85

MAINTENANCE RESPONSIBILITY

(1) Sub Div.: 1 Private Feature Party: IL 2387 A,RP Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 25-08-2006
(2) Sub Div.: 2 Private Feature Party: IL 2387 A,2 Agent: N/A Land Cat.: 1 Reason Code: 1 MR Endorsement Date: 25-08-2006

DETAILS OF SLOPE / RETAINING WALL

Date of Inspection:	07-04-1995
Data Source:	SIRST
Slope Part Drainage:	N/A
Wall Part Drainage:	(1) Position: Toe Size(mm): 175

SLOPE PART

N/A

WALL PART

Wall Part (1)
Type of Wall: Wall Material: Others Wall Location: Wall at toe
Berm: No. of Berms: N/A Min. Berm Width (m): N/A
Weepholes: Size (mm): 65 Spacing (m): 2.2

SERVICES

N/A

CHECKING STATUS INFORMATION

N/A

BACKGROUND INFORMATION

GIU Cell Ref.:	11SW7D6
Map Sheet Reference (1:1000):	11SW- 7D
Aerial Photos:	12597 (1976),
Nearest Rainguage Station (Station Number):	Buxey Lodge, 37 Conduit Road(H12)
Data Collected On:	07-04-1995
Date of Construction, Subsequent Modification and Demolition:	Modification: Constructed Before: 1976 After: N/A
Related Reports/Files or Documents:	File/Report: BP Reports Ref. No.: Landslide study phase IIB Po Shan Road 3/76 File/Report: BP Reports Ref. No.: Landslide study phase IIB Po Shan Road 3/76 File/Report: BP Reports Ref. No.: Mid levels study 10/81 File/Report: BP Reports Ref. No.: Mid levels study 10/81 File/Report: Development Ref. No.: GCI2/B7/113 File/Report: Development Ref. No.: GCI2/B7/113 File/Report: Development Ref. No.: GCI3/4/2033/88 Not approved. File/Report: Development Ref. No.: GCI3/4/2033/88 Not approved. File/Report: GEO Ref. No.: Mid level area study, MLR 10/86 File/Report: GEO Ref. No.: Mid level area study, MLR 10/86 File/Report: GEO Ref. No.: Stage 2 report 25/91 File/Report: GEO Ref. No.: Stage 2 report 25/91 File/Report: Pre-SIRST Ref. No.: Field Sheet File/Report: Pre-SIRST Ref. No.: Field Sheet
Remarks:	N/A
Follow Up Actions:	N/A
DH-Order (To Be Confirmed with Buildings Department):	None

Advisory Letter (To Be Confirmed with Buildings Department):	None
LPMIS:	None

ENHANCED MAINTENANCE INFORMATION

From Maintenance Department: (Last Updated Date: 21/11/2025)

STAGE 1 STUDY REPORT

Inspected On:	
Weather:	
District:	I
Section No:	1-1
Height(m):	
Type of Toe Facility:	Residential building
Distance from Toe(m):	3.5
Type of Crest Facility:	Residential building
Distance from Crest(m):	3
Consequence Category:	
Engineering Judgement:	
Section No:	2-2
Type of Toe Facility:	
Distance from Toe(m):	
Type of Crest Facility:	
Distance from Crest(m):	
Consequence Category:	
Engineering Judgement:	
Sign of Seepage:	
Criterion A satisfied:	
Sign of Distress:	
Criterion D satisfied:	
Non-routine maintenance required:	
Note:	
Masonry wall/Masonry facing:	
Note:	
Consequence category (for critical section):	
Observations:	N/A
Emergency Action Required:	
Action By:	N/A

ACTION TO INITIATE PREVENTIVE WORKS

Criterion A/Criterion D: N/A
Action By: N/A
Further Study:
Action By: N/A

OTHER EXTERNAL ACTION

Check / repair Services:
Action By: N/A
Non-routine Maintenance:
Action By: N/A

PHOTO




11SW-A/R 544
11SW-A/R 564
11SW-A/R 1060
11SW-A/R 567
11SW-A/R 1222
11SW-A/R 412
11SW-A/CR 395
11SW-A/FR 141
11SW-A/FR 112
11SW-A/C 1228
11SW-A/R 566
11SW-A/FR 274
11SW-A/R 574
11SW-A/R 1223
11SW-A/FR 111
11SW-A/C 1094
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11SW-A/R 592
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11SW-A/CR 386
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11SW-A/R 614
11SW-A/CR 709
11SW-A/F 11
11SW-A/R 634
11SW-A/CR 59
11SW-A/CR 708
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11SW-A/ND 43
11SW-A/R 1151
11SW-A/FR 29
11SW-A/C 1161
11SW-A/CR 171
11SW-A/R 669
11SW-A/CR 459
11SW-A/C 401
11SW-A/R 1220
11SW-A/ND 57
11SW-A/CR 352
11SW-A/C 175
MID-LEVELS

APPENDIX F

Existing Building Records

Richmond Court
(111-113 Robinson Road)

B.O.C REF. NO. 2 215/63

5'-0" RIGHT OF WAY

107'-6" (MEASURED DIMENSION)
110'-0" (LEASE ")

SK. RETAINING WALL

LOT BOUNDARY

NEW. SURF. CHAN 1 IN 100

EXISTING GARDEN

FALL

EX. FENCE WALL TO BE REMOVED

NEW RETAINING WALL

NEW 9" SURF. CHAN 1 IN 100

NEW SURF CHAN 1 IN 100
EX. RETAINING WALL

EX. STEPS TO BE REMOVED

42'-0"

NEW 3'-0" R.C. STEPS

P.H. UNDER

WINDOWS TO BE OPENED INWARDS

4"ΦC.I.S.V.P.
4"ΦC.I.W.P.

STORE
386.00

CONTAINER CHAMBER

METER

2"H.M.DOOR

SUP 387.87

18" Φ REFUSE CHUTE

ST.

2"H.W.DOOR

WINDOW OPEN INWARD

4"ΦC.I.R.W.P.

17'-7½"
385.86

14'-0"

APPROVED STEP TO BE OMITTED

12"x18" FINE BRASS WIRE VENT TO LIFT PIT 6'-0" ABOVE GROUND

2"T.W.S.C.DOOR WITH W.G.UPPER PANEL

SER. LIFT

SMOKE LOBBY

LIFT W.I.CAGE

19'-0"

HALL
386.87
UP

STORE
7'-6"

387.87

385.37

385.12

CAR PARK
F.E.
2 BUCKETS OF SAND

CAR RARK
F.E.
2 BUCKETS OF SAND

7'-6" MIN.

93'-9"

29'-6"

CAR PARK

EX. BALUSTER 3'-0" HIGH SURMOUNTED BY PIPE RAILING ON TOP.

NEW SURF. CHAN 1 IN 100

LOT BOUNDARY

112'-0" (LEASE DIMENSION)

EX. RETAINING WALL

6'-0" PAVEMENT

ROBINSON ROAD (31'-6" WIDE)

OPEN YARD

EX. FENCE WALL

I.L. NO. 946 SEC A S.S.1

142'-4" (MEASURED DIMENSION)
141'-0" (LEASE ")

150'-0" (LEASE DIMENSION)

EX. FENCE WALL TO BE REMOVED

NEW 9" BK. FENCE WALL @ 6'-6" HIGH

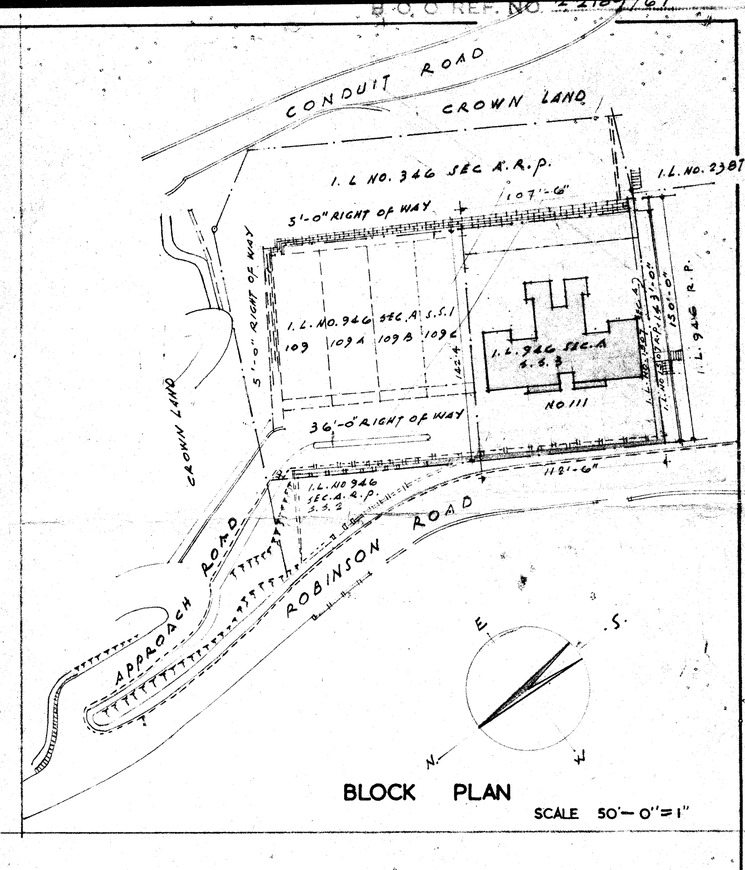
EXISTING TOE WALL TO BE REMOVED

NEW 9" BK. FENCE WALL @ 6'-0" HIGH

LOT BOUNDARY

I.L. NO. 946 R. P.

GROUND FLOOR PLAN



BLOCK PLAN

SCALE 50'-0" = 1"

NOTES :—

1. ALL BRICK WORK AND STONE WORK TO BE BUILT IN 1:3 CEMENT MORTAR.
2. CONC. LINTALS TO BE 9" HIGH AND SAME THICK AS WALL WITH 2-½" Φ M.S. BAR FOR EACH 4½" THICKNESS OF WALL AT BOTTOM.
3. ALL R.C.C. WORK TO BE 1:2:4 OR 1:1:2 MIXED AS REQUIRED.
4. STAIR TO HAVE TREADS NOT LESS THAN 9" AND RISER NOT MORE THAN 7".
5. ALL BATH ROOMS TO HAVE 6'-0" HIGH GLAZED TILES DADO. AND ALL KITCHENS TO HAVE 5'-0" HIGH GLAZED TILES DADO.
6. DRAINAGE W.C. AND WELL PLANS TO BE SUBMITTED SEPARATELY.
7. URBAN—SERVICES REQUIREMENT OF REFUSE CHUTE HAVE BEEN COMPLIED WITH.
8. R.C.C. CALCULATIONS AND DETAILS TO BE SUBMITTED SEPARATELY.
9. TRAFFIC OFFICE REQUIREMENTS OF CAR PARK TO BE COMPLIED WITH.
10. FIRE BRIGADE REQUIREMENTS TO BE COMPLIED WITH.
11. THE LIFT TO BE ARRANGED ON AN INDEPENDENT ELECTRIC, CIRCUIT FOR USE AS A FIREMENTS' LIFT WHICH SHOULD NOT BE SMALLER THAN THAT DEFINED BY LIFT MANUFACTURES AS AN 8 PERSONS LIFT. SUCH LIFT TO BE PROVIDED WITH SUITABLE SWITCHES TO ENABLE THE FIRE BRIGADE TO OBTAIN COMPLETE CONTROL IN THE EVENT OF AN EMERGENCY.

Approved
PRO BUILDING AUTHORITY
24 OCT 1963

LEGEND:

- BRICK WORK
- R.C.C. WORK
- STONE WORK
- METAL WORK
- FACING TILE
- CEMENT RENDERED
- WOOD WORK
- SANITARY FITTMENTS
- GLASS
- PLASTER
- HARDCORE
- GRANITE CHIPS ROOFING

× EX. LEVEL MARK
NEW LEVEL

ABBREVIATIONS

A/C	AIR	CONDITIONER	G.I.P.	GALVANIZED	IRON PIPE
G/H	GAS	HEATER	R.W.P.	RAIN WATER	PIPE
F.E.	FIRE	EXTINGUISHER	W.P.	WASTE	PIPE
D.R.	DRY	RISER	S&V.P.	SOIL & VENT	PIPE
H.W.S.C.	HARD WOOD	SELF CLOSING	E.W.P.	EARTHENWARE	PIPE
W.I.	WROUGHT	IRON	M.H.	MANHOLE	
C.I.	CAST	IRON	D.T.	DISCONNECTING	TRAP
V.P.	VENTILATING	PIPE	F.A.I.	FRESH AIR	INLET
D.G.	DOME	GULLY	T.G.	TRAP	GULLY
C.I.P.	CAST	IRON PIPE			
T.W.S.C.	TEAK WOOD	SELF CLOSING			

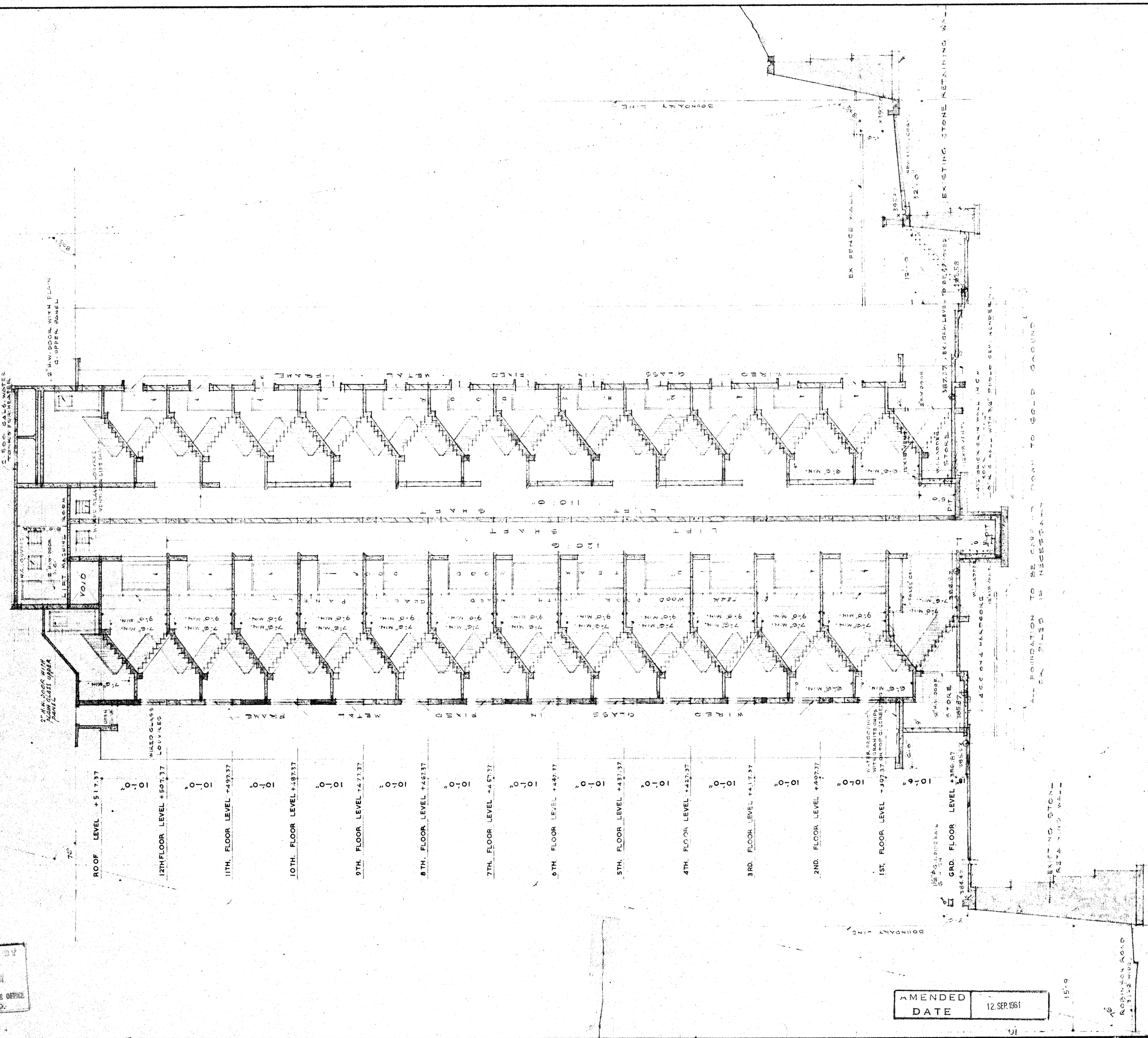
RECEIVED BY
26 SEP 1963
BUILDING ORDINANCE OFFICE
P.W.D.

AMENDED DATE
T.W.S.C. 25 SEP 1963
26 SEP 1963

AUTHORISED ARCHITECT
WONG HONG-YUEN

JOB NO.									
6103	PROPSED APARTMENT BUILDING	I.L. 946 SEC. A S.S. 3 & I.L. 1507 SEC. A ROBINSON ROAD HONG KONG	PLAN	SCALE 1/8"=1'-0"	DATE 25 SEP 1963	DRAWN BY	CHECKED BY	WONG HONG-YUEN	A. R. I. B. A. M. SC. A. M. ASCE	DRG. NO. 2A

B. O. O. REF. NO. 2/2109/61



SECTION A — A

Approved
A. C. Brown
PRO BUILDING AUTHORITY
15 SEP 1961

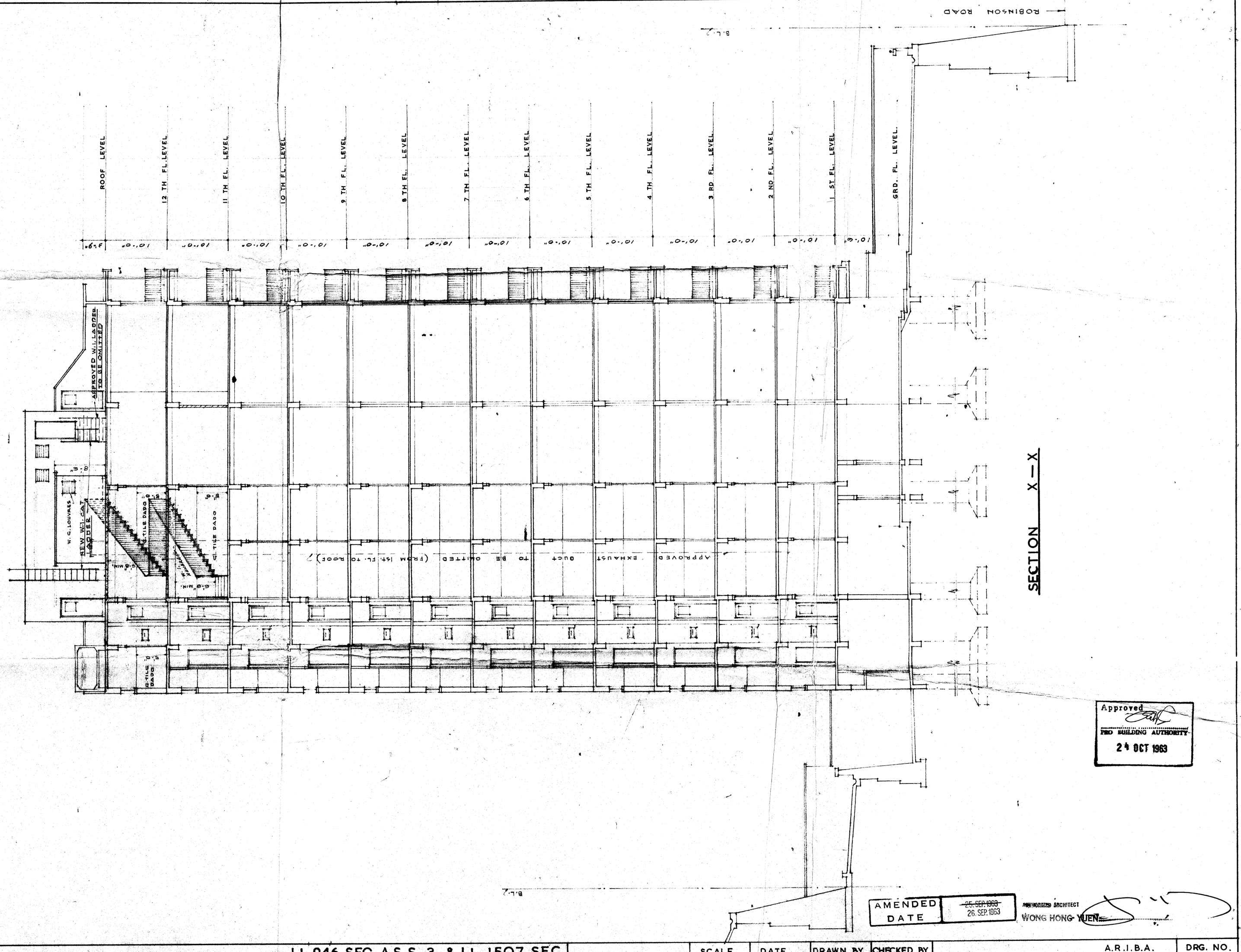
RECEIVED BY
12 SEP 1961
BUILDING ORDINANCE OFFICE
P. W. D.

AMENDED DATE 12. SEP. 1961

AUTHORIZED ARCHITECT
WONG HONG-YUEN

JOB NO.									
6103	PROPOSED APARTMENT BUILDING	I. L. 946 SEC. A S.S. 3 & I. L. 1507 SEC. A ROBINSON ROAD HONG KONG	SECTION	SCALE 1/8"=1'-0"	DATE 17-5-61	DRAWN BY SK	CHECKED BY	WONG HONG-YUEN	A. R. I. B. A. M. SC. A. M. AS/E.	DRG. NO. 7

B.O.O. REF. NO. 2/2109/61



SECTION X—X

Approved
PRO BUILDING AUTHORITY
24 OCT 1963

RECEIVED BY
26 SEP 1963
BUILDING ORDINANCE OFFICE
P. W. D.

AMENDED DATE ~~25. SEP. 1963~~ 26. SEP. 1963

AUTHORIZED ARCHITECT
WONG HONG-YUEN

JOB NO.									
6103	PROPOSED APARTMENT BUILDING I.L.946 SEC.A.S.S.3 & I.L.1507 SEC. A. ROBINSON ROAD HONG KONG.	SECTION	SCALE 1/8"=1'-0"	DATE 4/1/63	DRAWN BY Leung	CHECKED BY M.	WONG HONG-YUEN A.R.I.B.A. M. SC. A.M. ASCE.	DRG. NO. 8A

B.O.O. REF. NO. 2/2109/61

OPEN SPACE CALCULATION :

DOMESTIC COVER AREA = 4348·076 SQ. FT. (SEE DRG. NO. 4)

OPEN SPACE REQUIRED :—
DOMESTIC COVER AREA = 4348·076 SQ. FT.
∴ ½ × 4348·076 SQ. FT. = 2174·038 " "

OPEN SPACE PROVIDED :—

①	36·75 × 7·5	= 275·63	SQ. FT.
1a	36·75 × (7·61 + 8·29)/2	= 292·16	" "
②	8·833 × 34·5	= 304·74	" "
2a	8·833 × (35·45 + 35·68)/2	= 314·14	" "
③	19·625 × 40·25	= 789·90	" "
3a	19·625 × (40·03 + 40·36)/2	= 788·83	" "
④	5·875 × 14·875	= 87·39	" "
4a	5·875 × 14·875	= 87·39	" "
⑤	7·5 × 9·833	= 73·75	" "
⑥	32 × (110 + 110·65)/2	= 3530·40	" "
⑦	7 × 4	= 28·00	" "
	TOTAL	= 6572·33	SQ. FT.

6,572.33 SQ.FT > 2174.038 SQ.FT.

VOLUME CALCULATION :—

AREA OF SITE :
I.L. NO. 946 SEC. A. S.S.3. AREA = 15208·00 SQ. FT.
I.L. NO. 1507 SEC. A " = 600·00 " "
TOTAL = 15808·00 SQ. FT.

PERMISSIBLE NON-DOMESTIC VOLUME :—
= 1·75 × 31·5 × 15808·00 SQ. FT. = 871416·00 CU. FT.

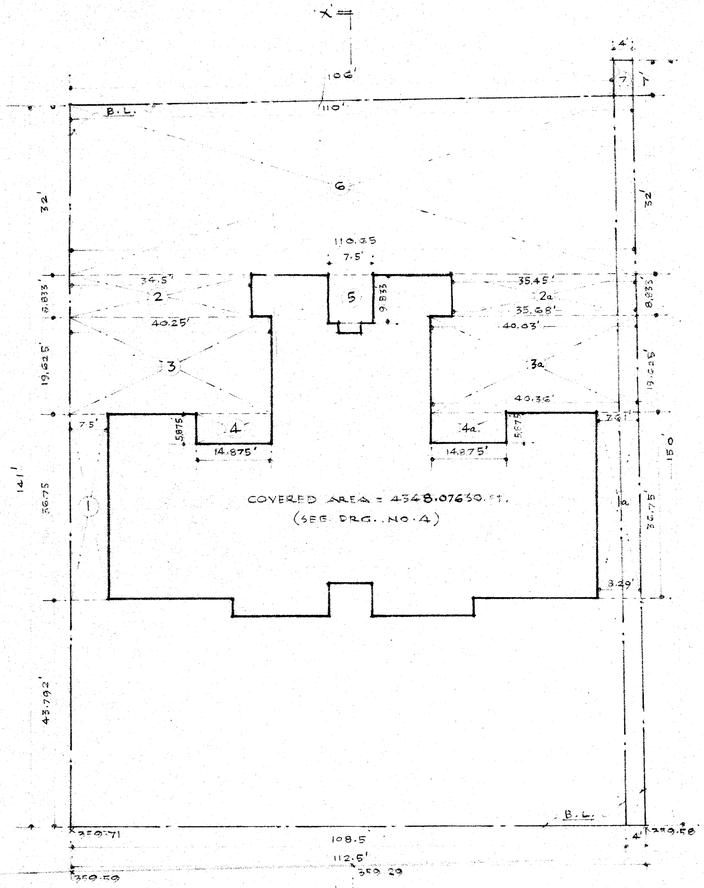
ACTUAL NON-DOMESTIC VOLUME
= NON-DOMESTIC AREA × HEIGHT
4348·076 SQ. FT. × 12'·0" = 52176·912 CU. FT.

REMAINED NON-DOMESTIC VOLUME
= 871416·00 CU. FT. — 52,176·912 CU. FT. = 819239·088 CU. FT.

PERMISSIBLE DOMESTIC VOLUME
= 1·25/1·75 × 819239·088 CU. FT. = 585170·77 CU. FT.

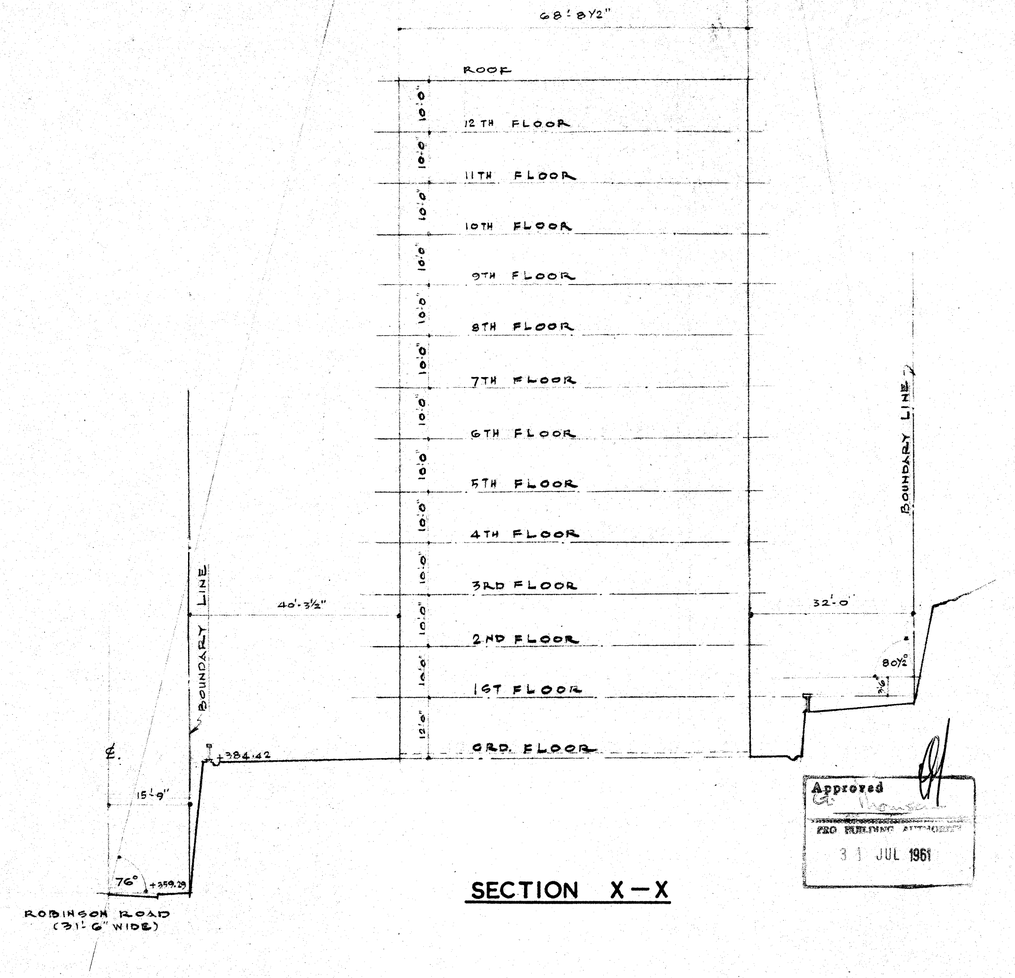
ACTUAL DOMESTIC VOLUME
= DOMESTIC AREA × HEIGHT
= 4348·076 SQ. FT. × 120'·0" (12-STOREYS) = 521769·12 CU. FT.

585,170·77 CU. FT. > 521,769·12 CU. FT.



ROBINSON ROAD
(31'·6" WIDE)

LAY OUT PLAN
(FOR OPEN SPACE)



SECTION X—X

Approved
[signature]
PRO BUILDING AUTHORITY
31 JUL 1961

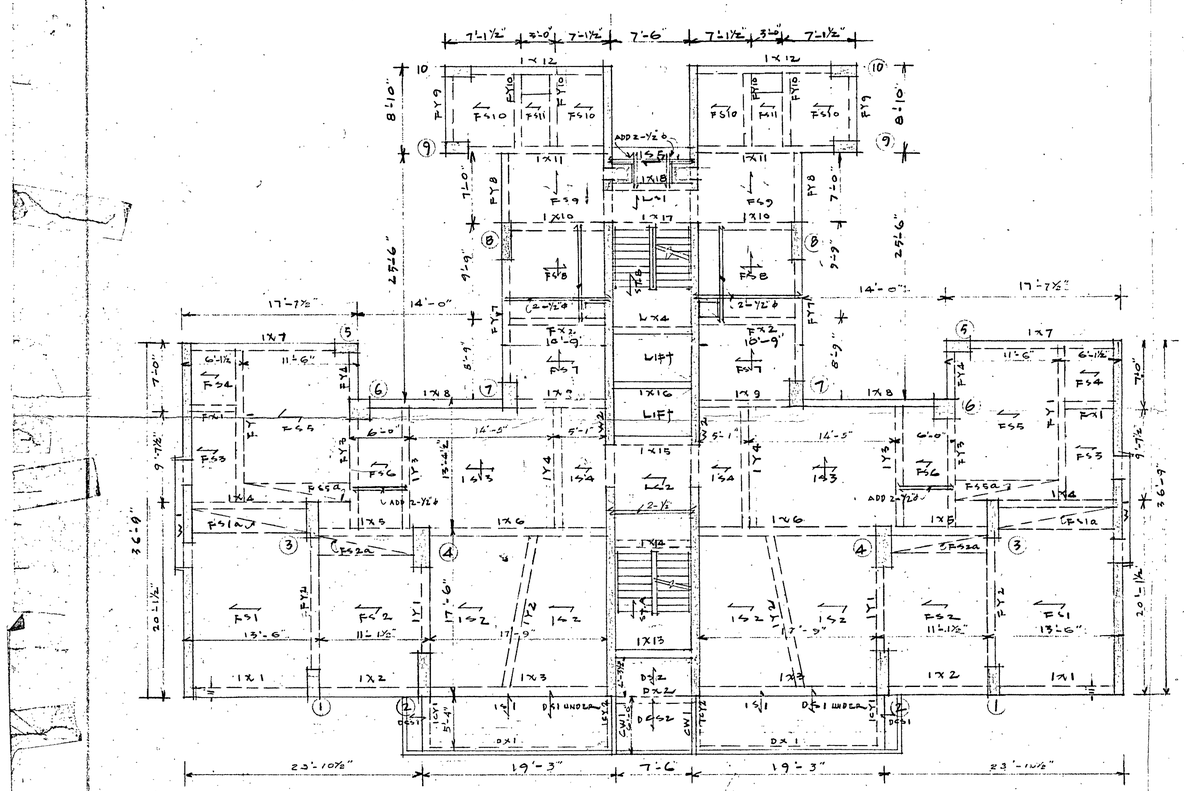
RECEIVED DS
[illegible]

AMENDED DATE	26 JUN. 1961

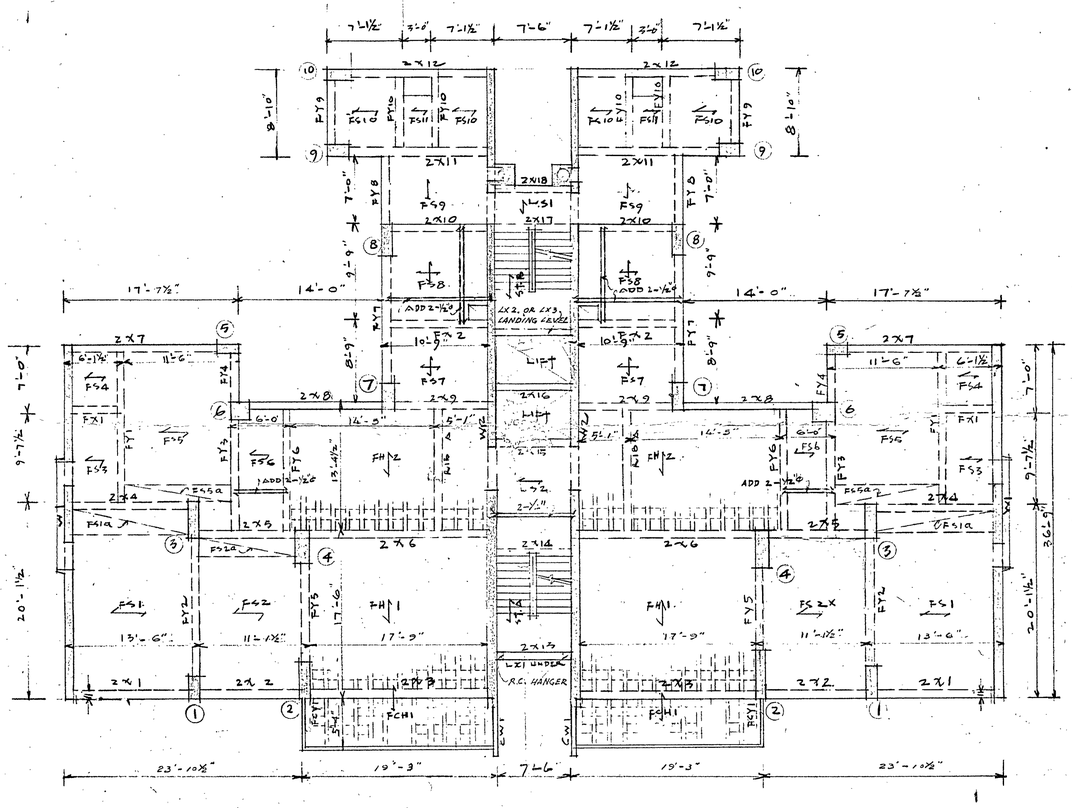
AUTHORIZED ARCHITECTS
WONG HONG YUEN

JOB NO.									
6103	PROPOSED APARTMENT BUILDING I.L. 946 SEC. A S.S.3 & I.L. 1507 SEC. A ROBINSON ROAD HONG KONG	OPEN SPACE CALCULATION AND VOLUME CALCULATION	SCALE 1/16" = 1'-0"	DATE 26-6-61	DRAWN BY SK	CHECKED BY [illegible]	WONG HONG-YUEN A. R. I. B. A. M. SC. A. M. ASCE	DRG. NO. 10

B.O.O. REF. NO. 3/2109/61



1 ST. FLOOR PLAN



3RD FLOOR PLAN

RECEIVED BY
29 FEB 1963
BUILDINGS ORDINANCE OFFICE
P. W. D.

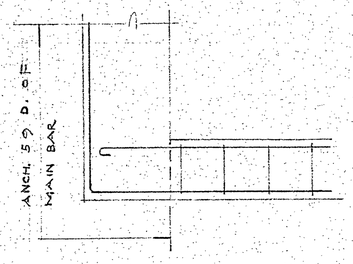
Approved
PRO BUILDING AUTHORITY
- 4 APR 1963

AMENDED DATE	23. FEB. 1963

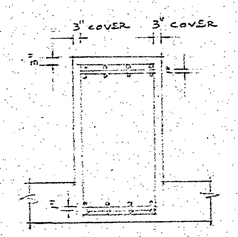
AUTHORIZED ARCHITECT
WONG HONG-YUEN

JOB No.									
6103	PROPOSED APARTMENT BUILDING	I.L. 946 SEC. A, S.S.3 & I.L. 1507 SEC. A ROBINSON ROAD HONG KONG	PL	SCALE 1/8"=1'-0"	DATE	DRAWN BY	CHECKED BY KH	WONG HONG-YUEN A.R.I.B.A. M.Sc. A.M.ASCE	DRG. NO. -2-

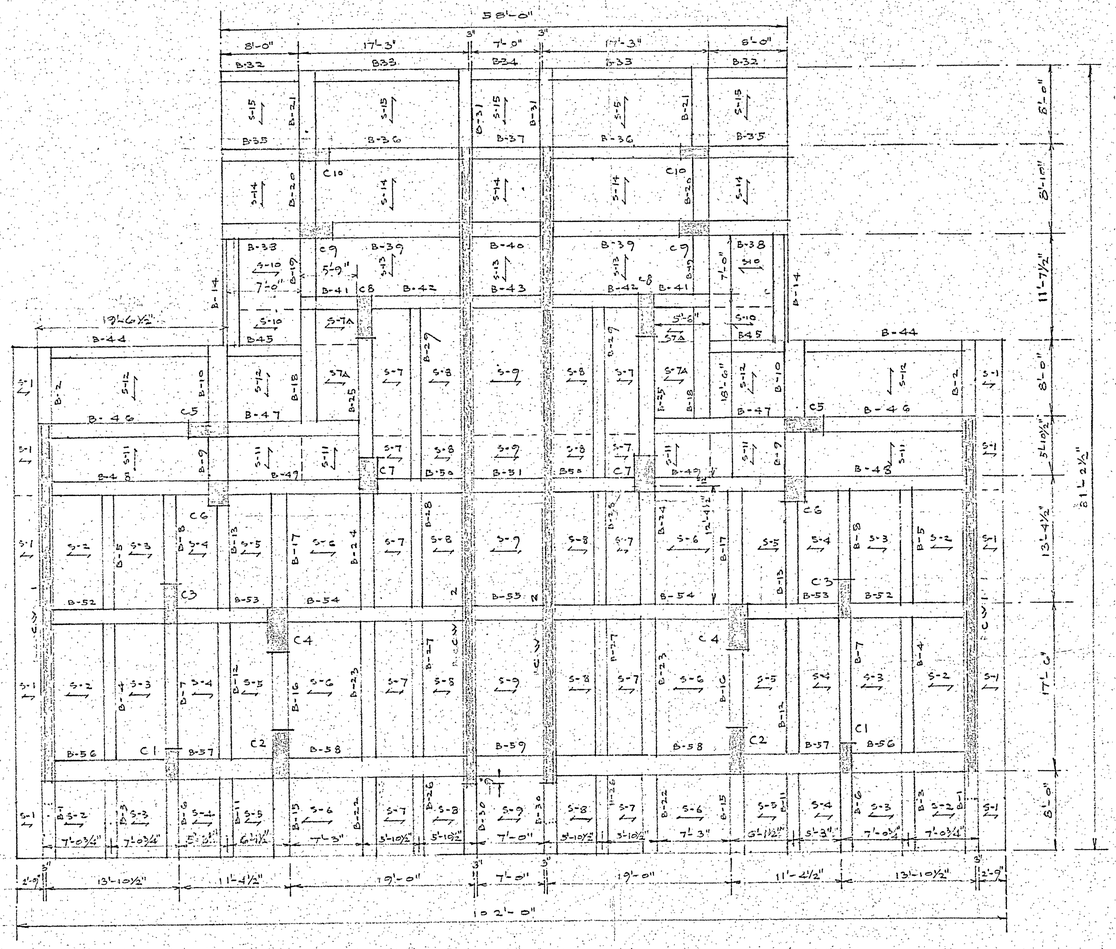
B.O.O. REF. NO. 3/2109-61.



TYPICAL of ANCHORAGE



TYPICAL of SPACING BARS

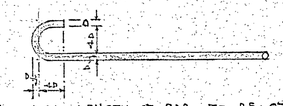


RAFT FOUNDATION PLAN

LEVEL of BOTTOM TO BE +375.00

NOTES : ——

1. RAFT FOUNDATION CONCRETE TO BE OF 1:2:4 MIX. UNLESS OTHERWISE NOTED.
2. ALL COLUMNS' CONCRETE TO BE OF 1:1:2 MIX.
3. COVERS TO MAIN STEEL:
   RAFT FOUNDATION SLAB — 3" MIN.
   RAFT FOUNDATION RIBS (BEAMS) — 3" MIN.
4. ALL REINFORCEMENT TO BE OF MILD STEEL ROD.
5. ALL BARS SHALL BE HOOKED AS PER DETAIL.



6. LAP LENGTH OF BAR TO BE OF 40 D AS PER DETAIL.



7. CONTRACTORS TO VERIFY ALL DIMENSION ON SITE.
8. TOP LEVEL OF GRD. BEAM TO BE + 385.00.
9. LEVEL OF RAFT FOUNDATION BOTTOM TO BE +375.00 (BELOW GRD. FL. LEVEL 10'-0")
   WHERE SOLID GROUND TO BE FOUND AT A LOWER LEVEL, PLUM CONCRETE OF 1:4:8 TO BE USED, AND CARRIED UP TO THAT LEVEL.

Approved
BRD BUILDING AUTHORITY
- 7 JUN 1962

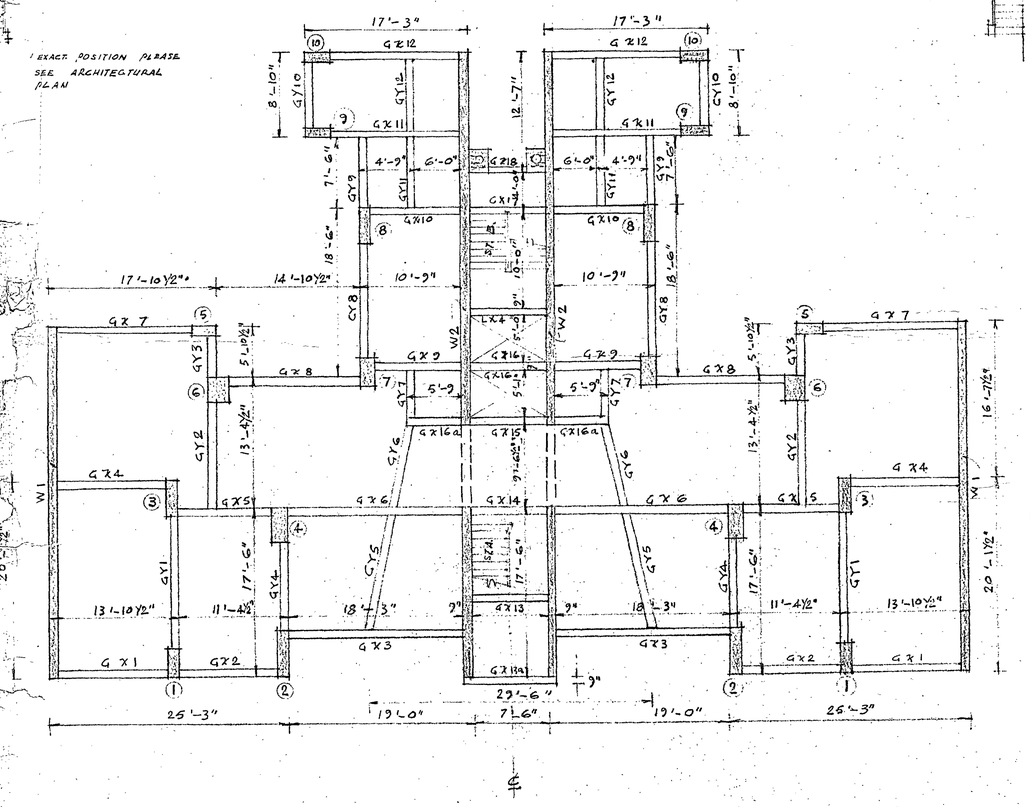
AUTHORIZED ARCHITECT
WONG HONG-YUEN

AMENDED DATE	26 MAY 1962

RECEIVED 22 MAY 1962 P. W. D.

JOB NO.								
6103	PROPOSED APARTMENT BUILDING on I.L. 946 SEC. A S.S. 3 & I.L. 1507 SEC. A ROBINSON ROAD HONG KONG.	RAFT FOUNDATION PLAN	SCALE 1/8" = 1'-0"	DATE 18-4-62	DRAWN BY Yu	CHECKED BY C.S.&G.	WONG HONG-YUEN A.R.I.B.A. M.Sc. A.M.ASCE	DRG. NO. S-28

B.O.O. REF. NO. 3/2109/61.



NOTES:-

1. CEMENT MORTAR MIXTURE TO HAVE 1 PART OF CEMENT TO 3 PART SAND.
2. ALL CEMENT CONCRETE TO BE OF 1:2:4: MIX. UNLESS OTHER WISE NOTED
3. ALL SLAB TO HAVE ½" MIN. COVER COVER TO MAIN REINFOREMENT
4. ALL BEAMS TO HAVE 1" MIN. COVER OR ONE BAR DIA. TO MAIN REINFOREMENT
5. ALL REINFOREMENT TO BE OF MILD STEEL RODS
6. CONTRACTOR TO VERIFY ALL DIMENSONS ON SITE
7. 2" THICK 1:3:6: CEMENT CONCRETE BLINDING COURSE UNDER GRD. FLOOR BEAMS
8. 2" THICK 1:3:6: CEMENT CONCRETE BLINDING COURSE UNDER FOOTING
9. ALL FOOTINGS TO BE CARRIED DOWN TO PILE CAP. TOP LEVEL OF PILE CAP TO BE +380.00.
10. COVER TO STEEL OF COLUMNS ABOVE GROUND [illegible] COVER TO STEEL OF COLUMNS AND BEAMS BELOW

APPROVED BY [illegible] V. CHAN
PRO BUILDING AUTHORITY
11 JAN 1962

AMENDED DATE -7. DEC. 1961

AUTHORIZED ARCHITECT
WONG HONG YUEN

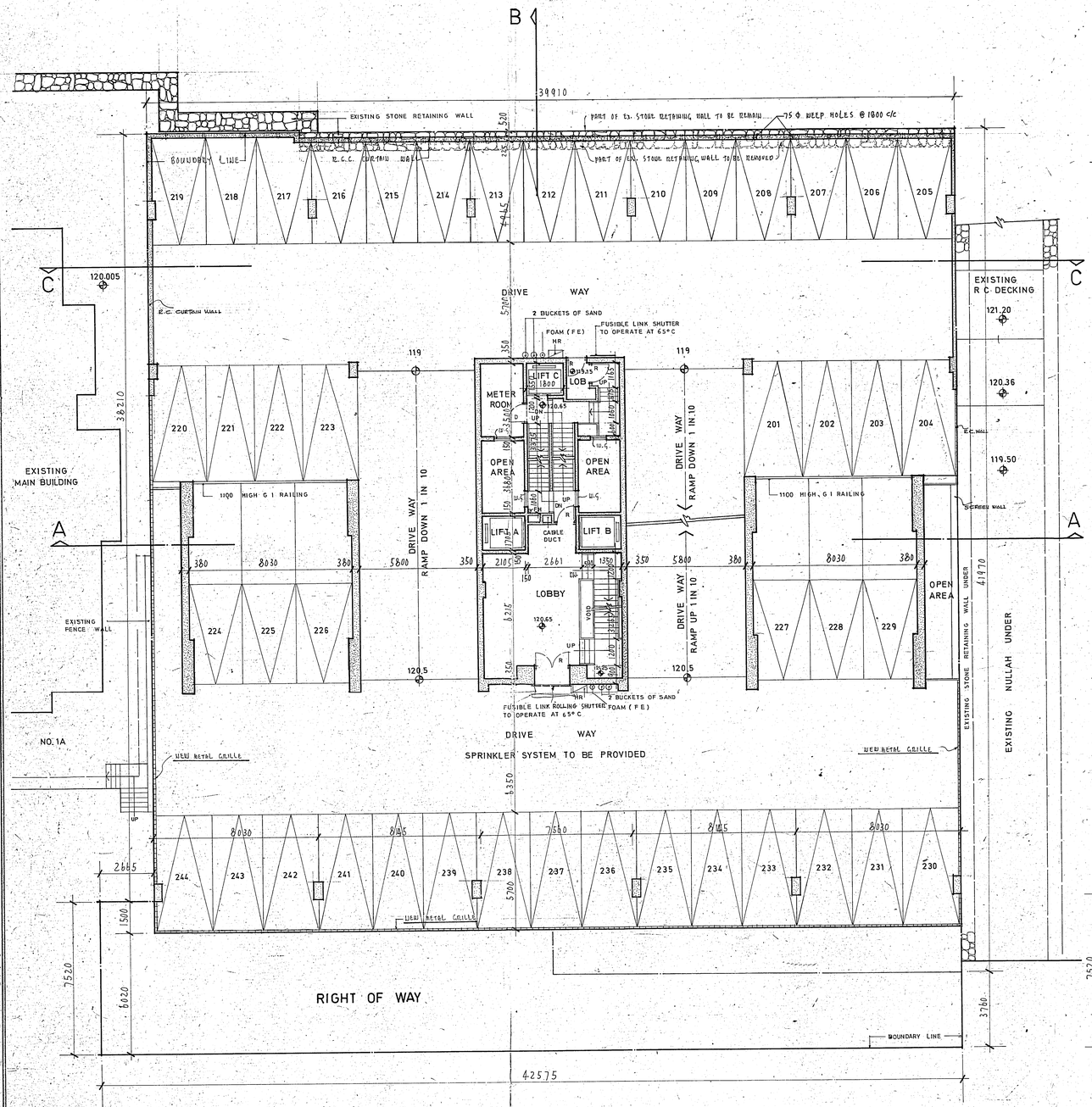
RECEIVED BY [illegible]
DIRECTOR OF PUBLIC WORKS
P. W. D.

JOB NO.				SCALE	DATE	DRAWN BY	CHECKED BY		DRG. NO.
G103	PROPOSED APARTMENT BUILDING	I.L. 946 SEC. A.S. S.3 & I.L. 1507 SEC. A ROBINSON ROAD HONG KONG	PLANS	1/8"=1'-0"				WONG HONG YUEN A.R.I.B.A. M.Sc. A.M.I.S.C.E.	I.A.

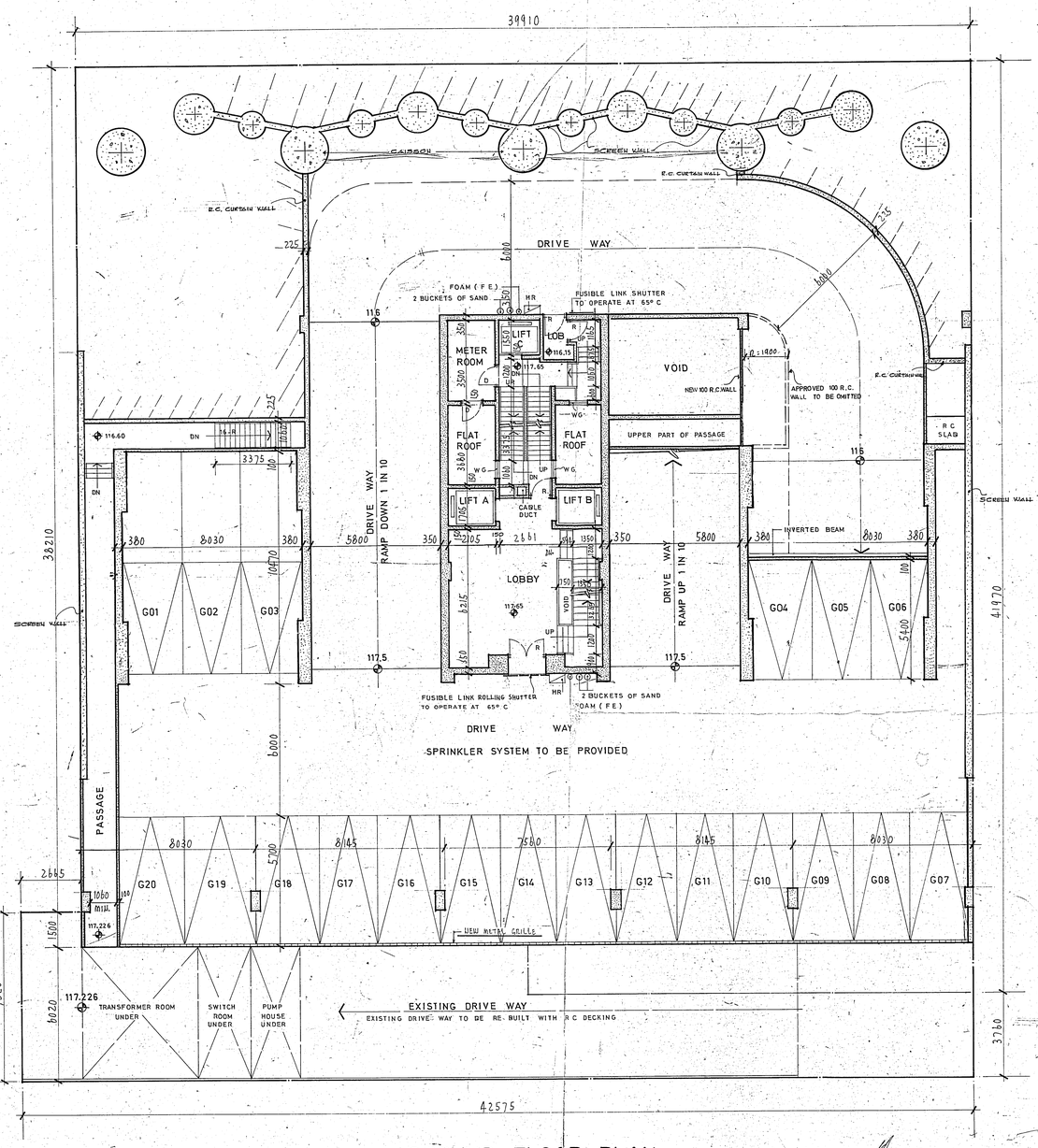
Villa Veneto
(3 Kotewall Road)

B.O.O. REF. NO. 2/2107 /73

F.S.D. REF. NO. 8/8354 /



2nd FLOOR PLAN



GROUND FLOOR PLAN

NOTE:- 1 ALL DOORS MARKED R TO BE 50 HARD WOOD S/C WIRED GLASS FIXED IN UPPER PANEL
2 ALL DOORS MARKED D TO BE 50 HARD WOOD S/C
3 HANDRAILS TO BE PROVIDED ON BOTH SIDES OF STAIRCASES

RECEIVED JUL 13 11 06 AM '81 BUILDINGS DEPARTMENT OFFICE, P.W.D.

Approved
PRO BUILDING AUTHORITY
-7 AUG 1981

NOTE: As these plans have been examined only as outlined in Circular Letter No. 64, your particular attention is drawn to Section 14(3)(b) of the Buildings Ordinance regarding [illegible] Authorized Persons and [illegible] Section 14(2)(c) regarding [illegible] of any provisions of the Buildings Ordinance.

FOR SUBMISSION TO B.O.O.

6TH AMENDED PLAN

GORDON WU & ASSOCIATES
ARCHITECTS & ENGINEERS
胡應湘建築工程師

AMENDMENTS		B.O.O. APPL.	F.S.D. APPL.
A1			
A2			
A3			
A4	13-3-81 REVISED WALL SIZE	22-8-80	
A5	6-8-81 EX. STONE RETAINING WALL TO BE REMOVED	12-2-81	20-1-81
A6	3-7-81 ADD METAL GRILLE		

AUTHORIZED PERSON ARCHITECT: PETER C. C. MAK
REGISTERED STRUCTURAL ENG.: THOMAS K.C. WAN

DESIGNED | CHECKED | REF. B.F. SEC 4/11
DRAWN | DATE | SCALE 1 IN 100

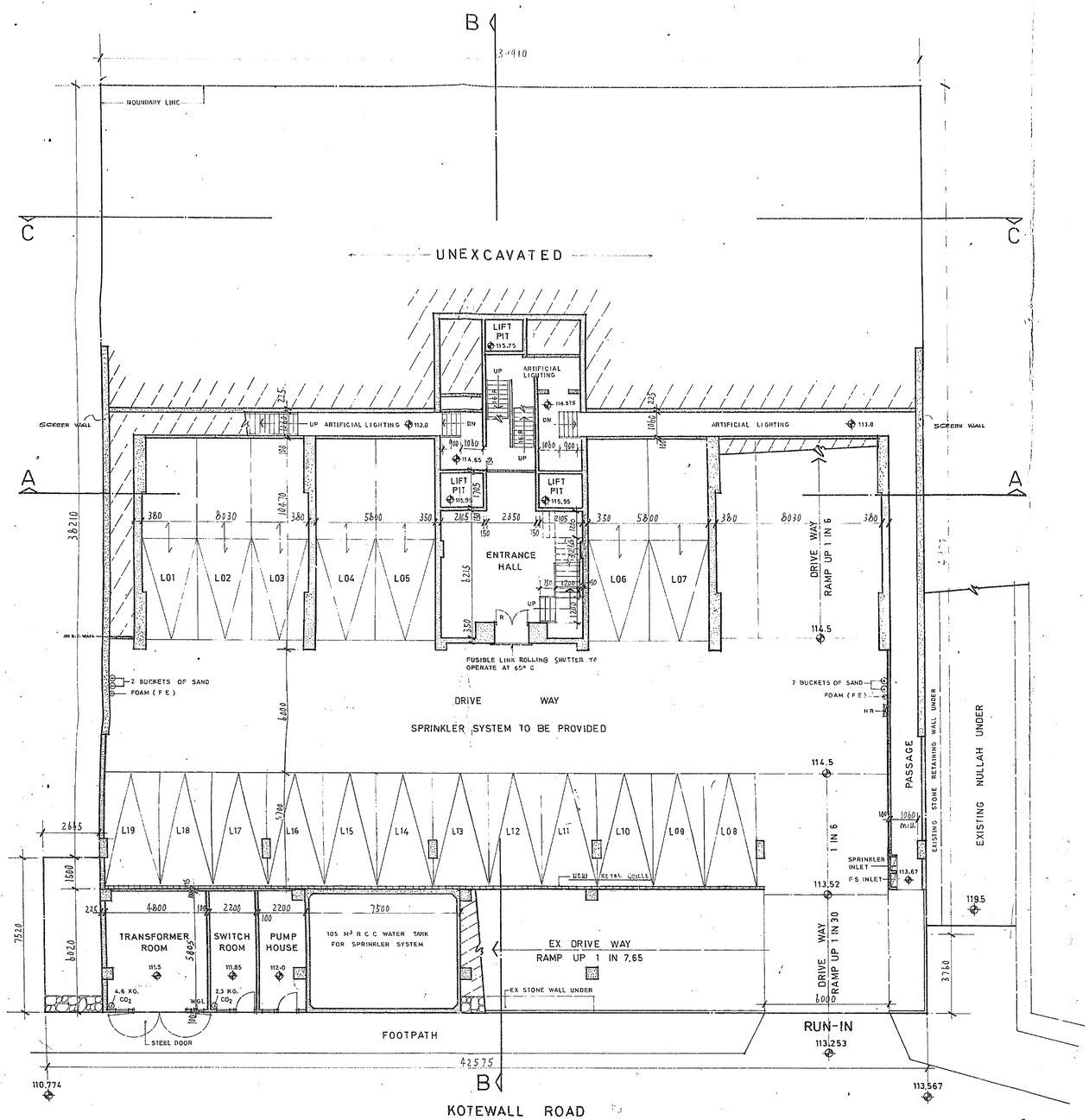
TITLE: 2nd TO GROUND FL PLAN

JOB: PROPOSED APARTMENT BUILDING ON S.B.R.P. OF I.L. 946 & R.P. OF I.L. 946 AT KOTEWALL RD. H.K.

DATE B.O.O. APPL. | DATE F.S.D. APPL. | DRAWING NO. (OLD NO. 15-0081-81) 159304 A6

B.O.O. REF. NO. 2/2107/73

F.S.D. REF. NO. 8/8354/



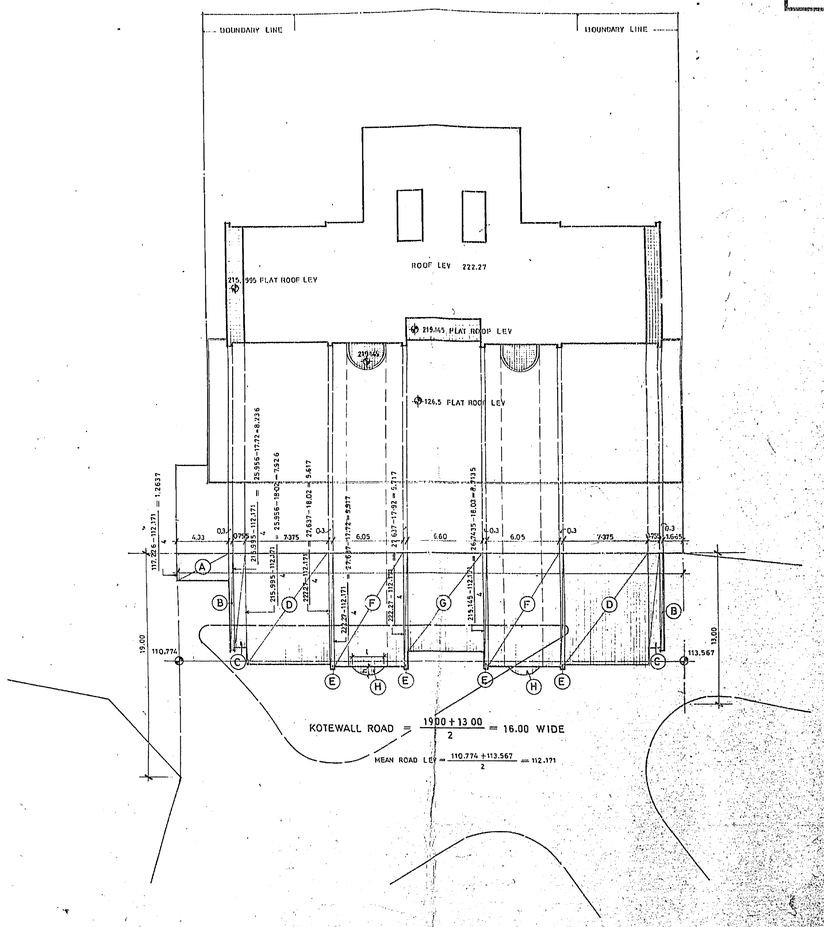
LOWER GROUND FLOOR PLAN

NOTE :- 1 ALL DOORS MARKED R TO BE 50 HARD WOOD S/C WITH WIRED CLASS FIXED IN UPPER PANEL
2 ALL DOORS MARKED D TO BE 50 HARD WOOD S/C
3 HANDRAILS TO BE PROVIDED ON BOTH SIDES OF ALL STAIRCASES
4 SPRINKLER SYSTEM TO BE PROVIDED

TOTAL NUMBER OF CAR PARKS PROVIDED :-

3rd FLOOR	=	38
2nd FLOOR	=	44
GRD FLOOR	=	20
LOWER GRD FLOOR	=	19
TOTAL		121

RECEIVED BY BUILDINGS ORDINANCE OFFICE, P.W.D. JUL 13 11 04 AM '81



STREET SHADOW AREA DIAGRAM

STREET SHADOW AREA CALCULATIONS

PERMITTED STREET SHADOW AREA (FACING KOTEWALL ROAD 16.00 WIDE)

$\frac{F \times W}{2} = \frac{42.575 \times 16.000}{2} = 340.600\ M^2$

PROVIDED STREET SHADOW AREA (FACING KOTEWALL ROAD 16.00 WIDE)

(A)	1.2637	X	4.330		=	5.4718 M^2
(B)	8.236	X	0.30	X 2	=	4.9416 M^2
(C)	7.926	X	0.755	X 2	=	11.9683 M^2
(D)	9.617	X	7.375	X 2	=	141.8508 M^2
(E)	9.917	X	0.30	X 4	=	11.9004 M^2
(F)	9.717	X	6.05	X 2	=	117.5757 M^2
(G)	8.7135	X	6.60		=	57.5091 M^2
(H)	3.6789	X	2		=	7.3578 M^2
			TOTAL		=	358.5755 M^2

STREET SHADOW AREA EXCEEDED

$= 358.5755\ M^2 - 340.600\ M^2 = 17.9755\ M^2$

PERCENTAGE OF EXCEEDED STREET SHADOW AREA

$= \frac{17.9755 \times 100}{340.600} = 5.278\ \%$

(H) AREA CALCULATION

$R = 1.75$

$h = \frac{219.145 - 112.171}{4} + 1.75 + 0.615 - \frac{22.227 - 112.17}{4}$

$h = 1.5838$

$l = 2\sqrt{R^2 - (R-h)^2}$

$l = 3.4842$

$(H) = \frac{2l h}{3}$

$(H) = \frac{2 \times 3.4842 \times 1.5838}{3}$

$\therefore (H) = 3.6789\ M^2$

Approved
PRO BUILDING AUTHORITY
-7 AUG 1981

NOTE: As these plans have been examined only as outlined in Circular Letter No. 61, your particular attention is drawn to Section 41(3)(b) of the Buildings Ordinance regarding your duty as Authorised Persons and to Section 14(2)(c) regarding possible contravention of any provision of the Buildings Ordinance.

FOR SUBMISSION TO B.O.O.

6TH AMENDED PLAN

GORDON WU & ASSOCIATES
ARCHITECTS & ENGINEERS
胡應湘建築工程師

	AMENDMENTS	B.O.O. APPL.	F.S.D. APPL.
A1			
A2			
A3	RAMP - TO DRIVE WAY		
A4	17-7-81 REVISED WALL SIZE	22-8-88	
A5	3-7-81 POS. CAR PARK LOWERED	12-8-81	20-1-81
A6	8-7-81 ADD. METAL GRILLE		

AUTHORIZED PERSON ARCHITECT: PETER C.C. MAK
REGISTERED STRUCTURAL ENG.: THOMAS K.S. WAN
DESIGNED | CHECKED | REF. SCALE 1/16"
DRAWN | DATE | SCALE 1:IN.100

TITLE: LOWER GROUND FL. PLAN
JOB: PROPOSED APARTMENT BUILDING ON S.B.R.P. OF IL 946 & R.P. OF IL 946 AT KOTEWALL RD.
DATE RECEIVED (B.O.O.) | DATE RECEIVED (F.S.D.) | DRAWING NO. 15930586

RECEIVED BY

JUL 13 11 04 AM '81

BUILDINGS ORDINANCE OFFICE, P.W.D.

ONE COURSE OF MOSAIC TILES ON 20MM MASTIC ASPHALT ON SCREEDING LAID TO FALL

225.245

2975

1100 HIGH MILD STEEL RAILING

W.G.L

LIFT M/C ROOM

LIFT M/C ROOM

PUMP HOUSE

FAMILY

DINING

BED ROOM

BATH

DINING

LIFT SHAFT

LIFT SHAFT

DINING

BATH

BED ROOM

ROOF LEV.	222.27
2900	
MAISONETTE OF PENT-HOUSE FL LEV.	219.37
3150	
PENT-HOUSE FL. LEV.	216.22
3150	
33RD FL. LEV.	213.07
2980	
32ND FL. LEV.	210.09
2980	
31ST FL. LEV.	207.11
2980	
30TH FL. LEV.	204.13
2980	
29TH FL. LEV.	201.15
2980	
28TH FL. LEV.	198.17
2980	
27TH FL. LEV.	195.19
2980	
26TH FL. LEV.	192.21
2980	
25TH FL. LEV.	189.23
2980	
24TH FL. LEV.	186.25
2980	
23RD FL. LEV.	183.27
2980	
22ND FL. LEV.	180.29
2980	
21ST FL. LEV.	177.31
2980	
20TH FL. LEV.	174.33
2980	
19TH FL. LEV.	171.35
2980	
18TH FL. LEV.	168.37
2980	
17TH FL. LEV.	165.39
2980	
16TH FL. LEV.	162.41
2980	
15TH FL. LEV.	159.43
2980	
14TH FL. LEV.	156.45
2980	
13TH FL. LEV.	153.47
2980	
12TH FL. LEV.	150.49
2980	
11TH FL. LEV.	147.51
2980	
10TH FL. LEV.	144.53
2980	
9TH FL. LEV.	141.55
2980	
8TH FL. LEV.	138.57
2980	
7TH FL. LEV.	135.59
2980	
6TH FL. LEV.	132.61
2980	
5TH FL. LEV.	129.63
2980	
4TH FL. LEV.	126.65

BOUNDARY LINE

BATH

BED ROOM 12650

BATH

12650

DRIVE WAY

PUMP HOUSE

FILTRATION PLANT ROOM

BATH

BED ROOM

BATH

BOUNDARY LINE

123.5 3RD FL.L

122.8

122.85

121.2

120.5 2ND F.L

119.8

120.70

119.2

117.50 GRD.FL.L.

116.8

117.65

115.666

114.5 LOWER GRD FL.L

114.65

150 MM HARD CORE

NEW METAL GRILLE

EX HOUSE NO 1A

117.226

NEW SCREEN WALL

CAT LADDER

LIFT PIT

ENTRANCE HALL

CAT LADDER

LIFT PIT

EX.R C. DECKING

R9.50 EX.LEV.

EXISTING NULLAH

EX STONE RETAINING

NEW SCREEN WALL

113.67

ALL FOOTINGS TO BE CARRIED DOWN TO SOLID GROUND OR ON R.C. CAISSONS

SECTION A — A

NOTE: As these plans have been examined only as required by Section 14 of the Buildings Ordinance, your attention is drawn to Section 41(3)(b) of the Buildings Ordinance regarding your duty as Authorised Persons to avoid possible contraventions of any provision of the Buildings Ordinance.

Approved
PRO BUILDING AUTHORITY
-3 AUG 1981

FOR SUBMISSION TO B.O.O.

6TH AMENDED PLAN

GORDON WU & ASSOCIATES
ARCHITECTS & ENGINEERS
胡應湘建築工程師

REGISTERED STRUCTURAL ENG.

AUTHORIZED PERSON/ARCHITECT

THOMAS K.C. WAN P.E. STRUCT. E.

AMENDMENTS	B.O.O. APPL.	F.S.D. APPL.
A1		
A2		
A3		
A4	DESIGNED WALL SIZE & ENLARGE OPENING	22-8-80
A5		
A6 1'-6" X 1'-6" 800 METAL GRILLE		

DESIGNED
DRAWN
CHECKED
DATE
SCALE 1:100
REF. RFSE 8/11

JOB
PROPOSED APARTMENT BUILDING ON S.B RP OF I.L.946 AND RP OF I.L.946 AT KOTEWALL ROAD H.K

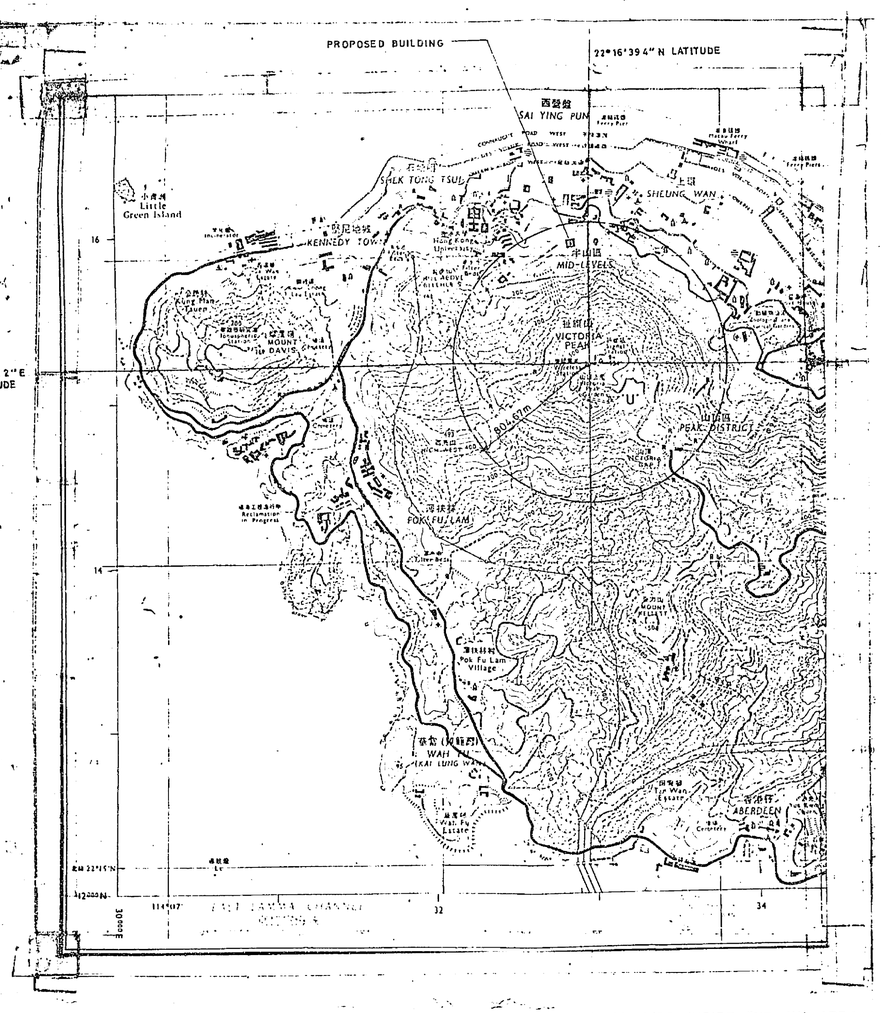
TITLE
SECTION A—A

DATE B.O.O. APPL.
DATE F.S.D. APPL.
DRAWING NO. (OLD DRG NO. 159308)
159308A6

RECEIVED BY

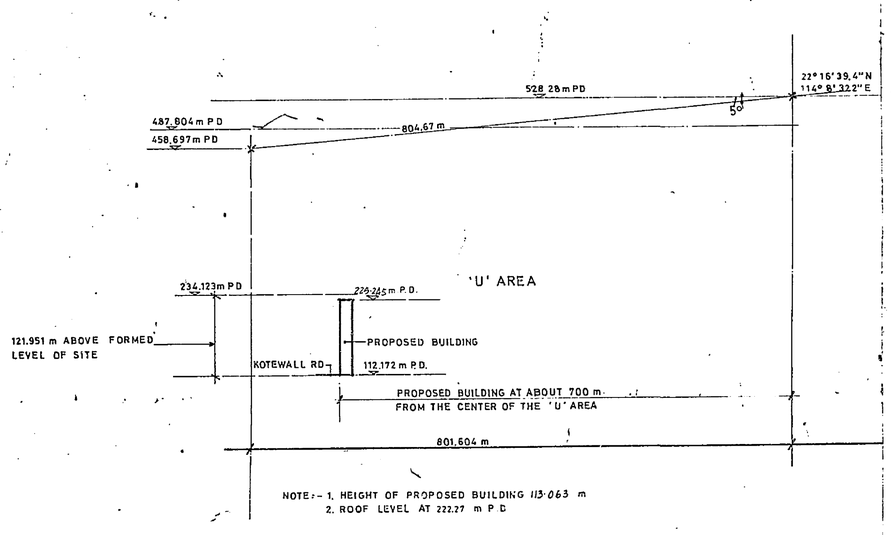
JUL 13 11 04 AM '01

BUILDINGS ORDINANCE OFFICE, P.W.D.



PLAN SHOWING THE PROPOSED 34-STOREY BUILDING AT 3-5 KOTEWALL ROAD LIES INSIDE THE 'U' AREA

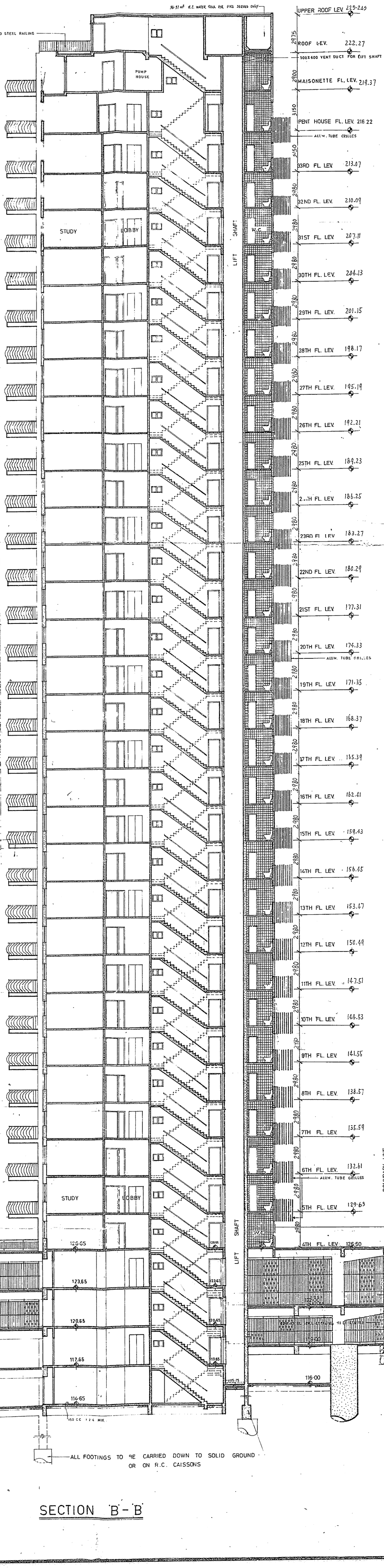
SCALE 1 : 20000

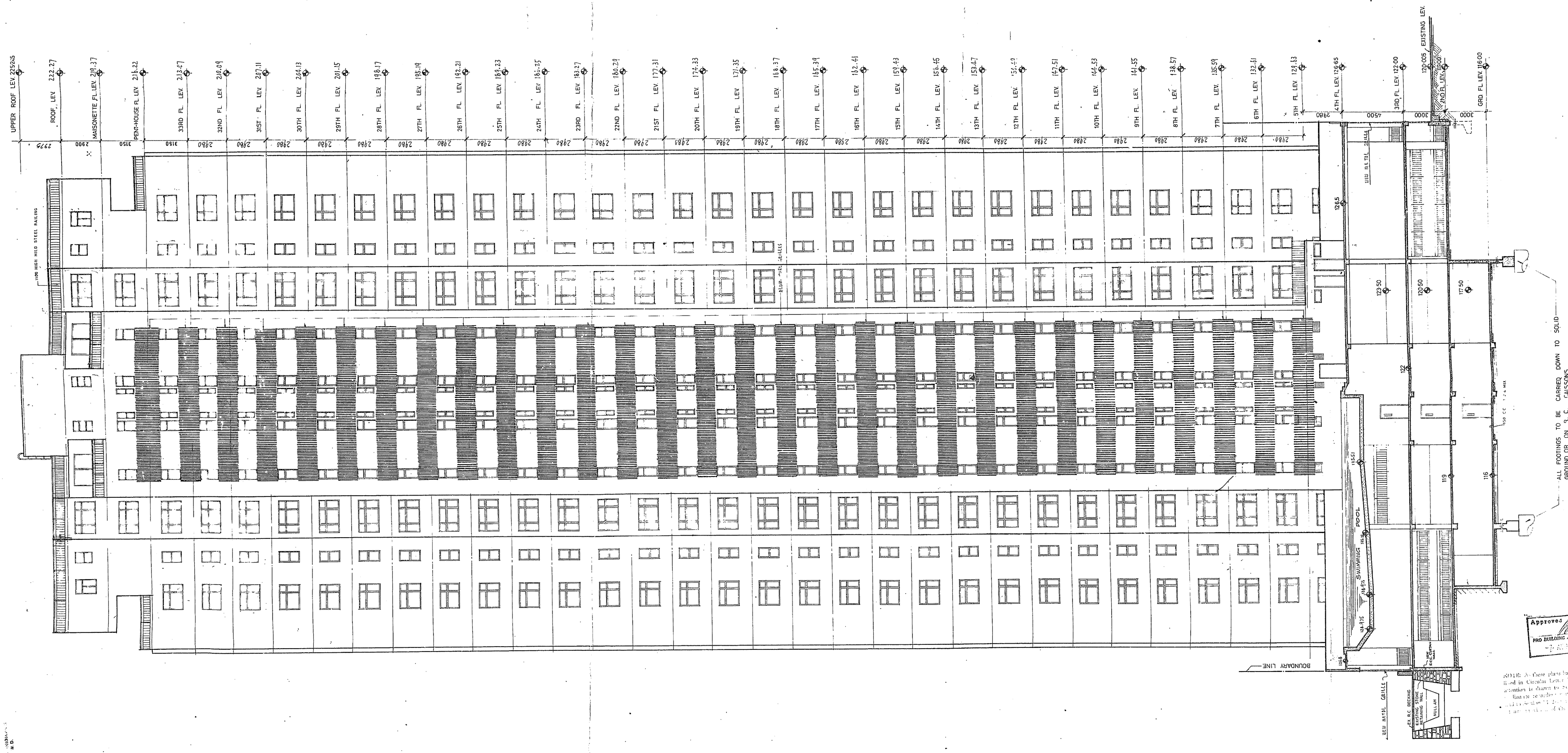


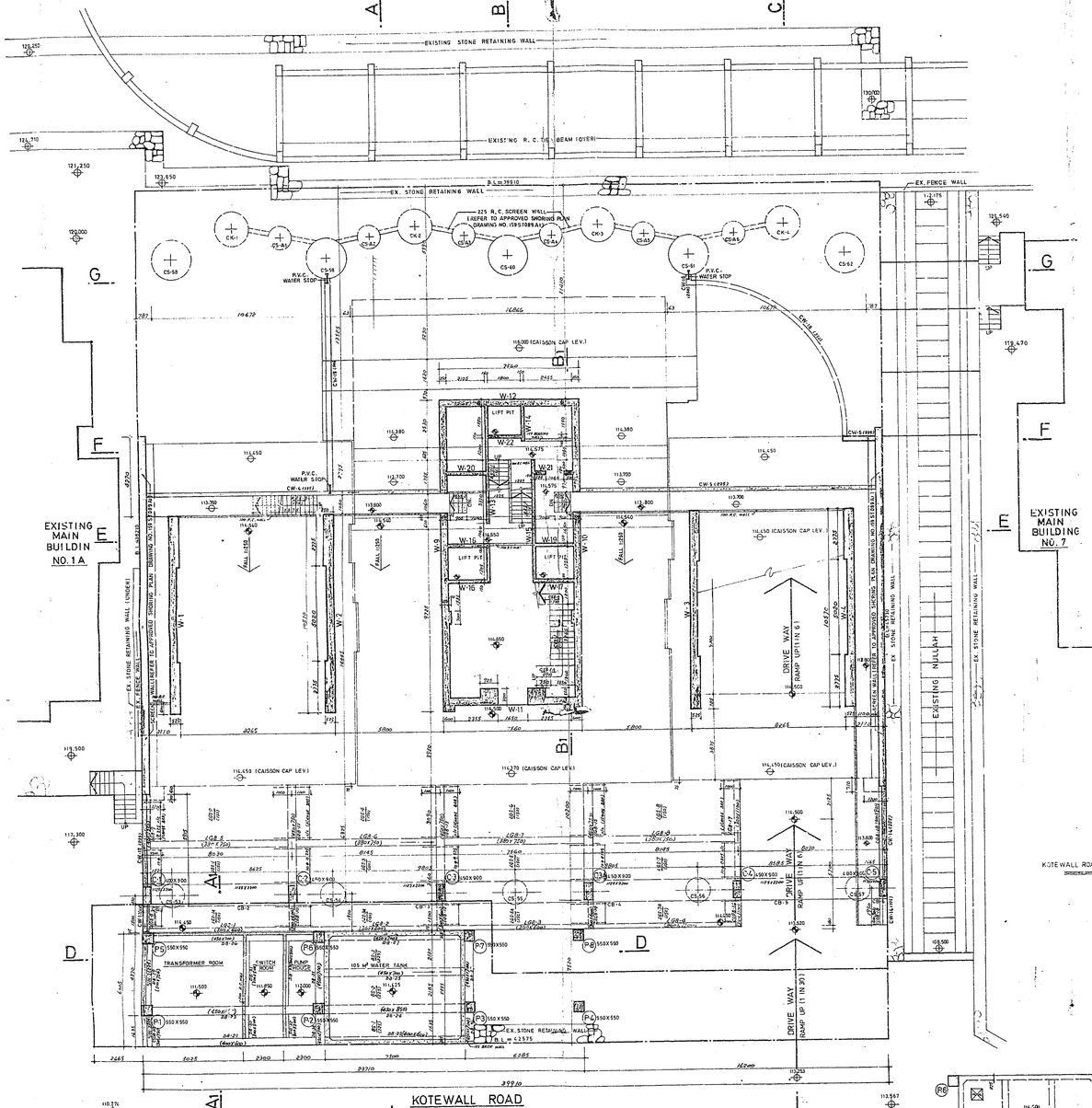
NOTE:- 1. HEIGHT OF PROPOSED BUILDING 113.063 m
2. ROOF LEVEL AT 222.27 m P.D.

SECTION SHOWING THE PROPOSED 34-STOREY BUILDING AT 3-5 KOTEWALL ROAD LIES INSIDE THE 'U' AREA

SCALE 1:5000


36.37 m³ R.C. WATER TANK FOR FIRE SERVICE ONLY
1100 HIGH MILD STEEL RAILING
PUMP HOUSE
STUDY
LOBBY
LIFT SHAFT
W.C.
UPPER ROOF LEV. 225.245
ROOF LEV. 222.27
500X600 VENT DUCT FOR LIFT SHAFT
MAISONETTE FL. LEV. 219.37
PENT HOUSE FL. LEV. 216.22
ALUM. TUBE GRILLES
33RD FL. LEV. 213.07
32ND FL. LEV. 210.09
31ST FL. LEV. 207.11
30TH FL. LEV. 204.13
29TH FL. LEV. 201.15
28TH FL. LEV. 198.17
27TH FL. LEV. 195.19
26TH FL. LEV. 192.21
25TH FL. LEV. 189.23
24TH FL. LEV. 186.25
23RD FL. LEV. 183.27
22ND FL. LEV. 180.29
21ST FL. LEV. 177.31
20TH FL. LEV. 174.33
ALUM. TUBE GRILLES
19TH FL. LEV. 171.35
18TH FL. LEV. 168.37
17TH FL. LEV. 165.39
16TH FL. LEV. 162.41
15TH FL. LEV. 159.43
14TH FL. LEV. 156.45
13TH FL. LEV. 153.47
12TH FL. LEV. 150.49
11TH FL. LEV. 147.51
10TH FL. LEV. 144.53
9TH FL. LEV. 141.55
8TH FL. LEV. 138.57
7TH FL. LEV. 135.59
6TH FL. LEV. 132.61
ALUM. TUBE GRILLES
5TH FL. LEV. 129.63
4TH FL. LEV. 126.50
2980
3150
3150
2980
2980
2980


UPPER ROOF LEV 229.45
ROOF LEV 222.27
MAISONETTE FL LEV 219.37
PENT-HOUSE FL LEV 216.22
33RD FL LEV 213.07
32ND FL LEV 210.09
31ST FL LEV 207.11
30TH FL LEV 204.13
29TH FL LEV 201.15
28TH FL LEV 198.17
27TH FL LEV 195.19
26TH FL LEV 192.21
25TH FL LEV 189.23
24TH FL LEV 186.25
23RD FL LEV 183.27
22ND FL LEV 180.29
21ST FL LEV 177.31
20TH FL LEV 174.33
19TH FL LEV 171.35
18TH FL LEV 168.37
17TH FL LEV 165.39
16TH FL LEV 162.41
15TH FL LEV 159.43
14TH FL LEV 156.45
13TH FL LEV 153.47
12TH FL LEV 150.49
11TH FL LEV 147.51
10TH FL LEV 144.53
9TH FL LEV 141.55
8TH FL LEV 138.57
7TH FL LEV 135.59
6TH FL LEV 132.61
5TH FL LEV 129.63
4TH FL LEV 126.65
3RD FL LEV 123.00
2ND FL LEV 120.00
GRD FL LEV 116.00
EXISTING LEV.
1.05m HIGH MILD STEEL RAILING
BOUNDARY LINE
SWIMMING POOL
PLANTER
RETAINING WALL
WELL
MILD STEEL GRILLE
ALL FOOTINGS TO BE CARRIED DOWN TO SOLID GROUND OR ON R. C. CAISSONS
SECTION 'C—C'
Approved
PRO BUILDING AUTHORITY
FOR SUBMISSION TO B.O.O.
6TH AMENDED PLAN
RECEIVED BY
JUN 13 11 06 AM '81
GORDON WU & ASSOCIATES
ARCHITECTS & ENGINEERS
胡應湘建築工程師
AMENDMENTS
B.O.O. APPL.
F.S.D. APPL.
A3 9-6-81 TERRACE FLOOR LEV. REVISED
A4 8-7-81 EXCESS WINDOW PROJECTION 22-8-80
A5 8-9-81 ADD AIR CONDITIONER SYSTEM 18-2-81 20-5-81
A6 8-9-81 ADD METAL GRILLES
AUTHORIZED PERSON/ARCHITECT
REGISTERED STRUCTURAL ENG.
THOMAS K.O. WAN
DESIGNED
CHECKED
DRAWN K.M.CHAN
DATE
SCALE 1 in 100
REF. RP 正 9/11
TITLE SECTION C-C
JOB PROPOSED APARTMENT BUILDING ON S. B. R.P. OF I.L. 945 AND R.P. OF I.L. 945 AT KOTEWALL ROAD H.K.
DATE R.O.O. APPL.
DATE F.S.D. APPL.
DRAWING NO. 159 31 0A6


EXISTING STONE RETAINING WALL
EXISTING R.C. T.B. BEAM (OVER)
EX. STONE RETAINING WALL
EX. FENCE WALL
225 R.C. SCREEN WALL (REFER TO APPROVED SHORING PLAN DRAWING NO. (5)5108/81)
CK-1
CK-2
CK-3
CK-4
CS-58
CS-59
CS-60
CS-61
CS-62
P.V.C. WATER STOP
118.000 (CAISSON CAP LEV.)
W-12
W-14
W-22
W-20
W-21
W-15
W-16
W-10
W-9
W-3
W-1
W-2
LIFT PIT
UP
DN
116.650 (CAISSON CAP LEV.)
DRIVE WAY (RAMP UP 1 IN 6)
EXISTING NULLAH
EX. STONE RETAINING WALL
EXISTING MAIN BUILDIN NO. 1A
EXISTING MAIN BUILDING NO. 7
EX. STONE RETAINING WALL (UNDER)
PROPOSED EX. FENCE WALL
SCREEN WALL (REFER TO APPROVED SHORING PLAN DRAWING NO. (5)5108/81)
116.370 (CAISSON CAP LEV.)
LG1-8 (300x700)
LG1-6 (300x700)
LG1-7 (300x700)
LG1-9 (300x700)
CB1-1
CB1-2
CB1-3
CB1-4
CB1-5
CB1-6
CB1-7
CB1-8
CB1-9
CB1-10
CB1-11
CB1-12
CB1-13
CB1-14
CB1-15
CB1-16
CB1-17
CB1-18
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CB1-30
CB1-31
CB1-32
CB1-33
CB1-34
CB1-35
CB1-36
CB1-37
CB1-38
CB1-39
CB1-40

B.O.O. Ref. No. 3/4107/73

SECTION C-C

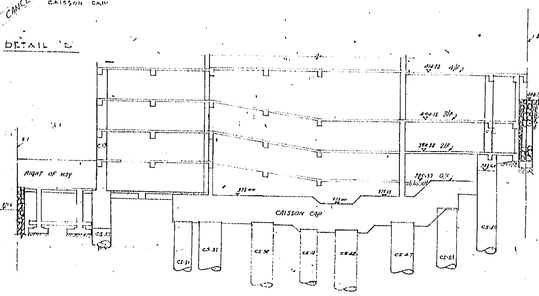
SECTION B-B

DETAIL 'A'

DETAIL 'C'

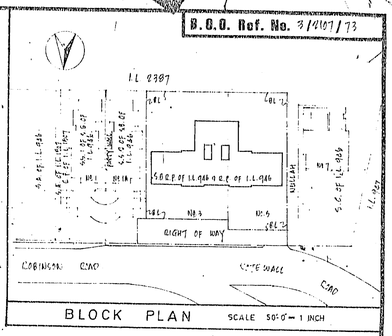
CANCELLED

CANCELLED

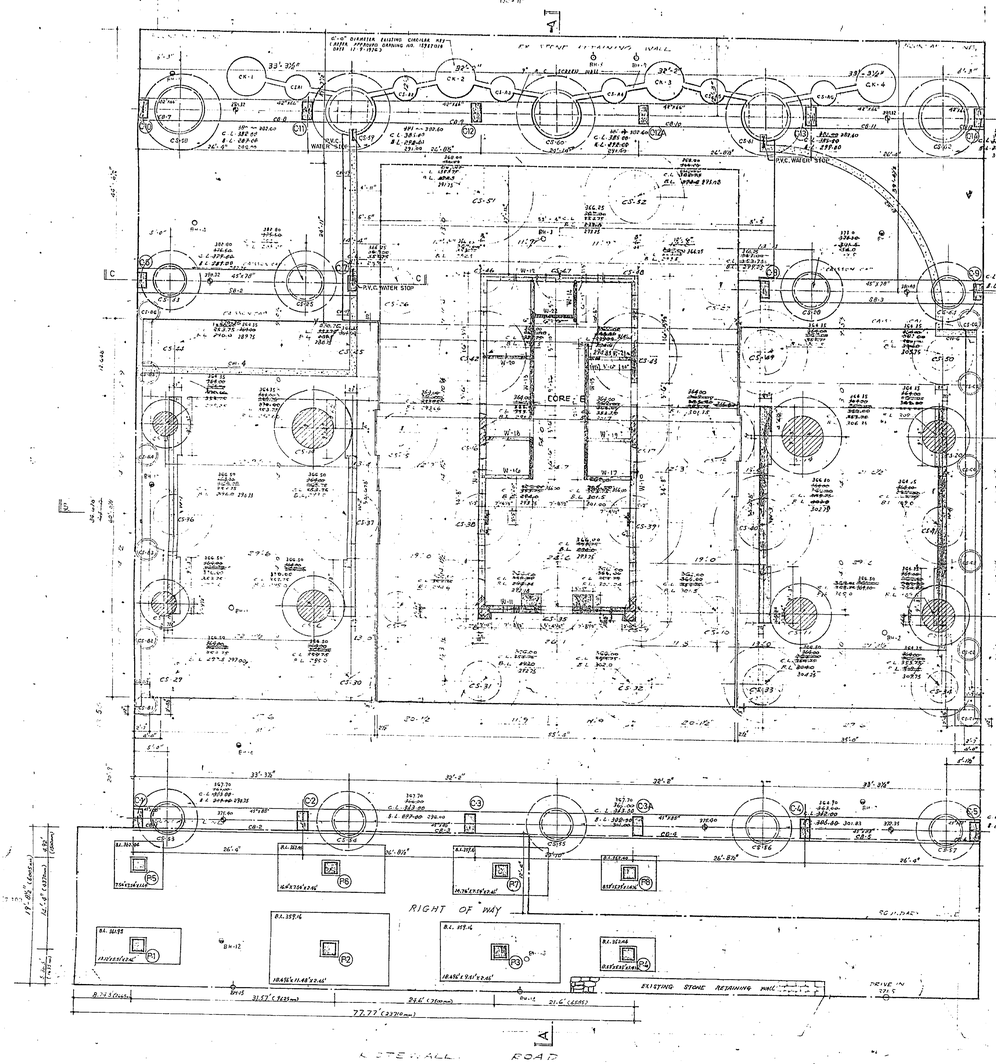


SECTION A-A

SCALE: 1/8" = 1'0"



BLOCK PLAN SCALE 50'-0" = 1 INCH



FOUNDATION PLAN

LOADING SCHEDULE OF WALLS

	LOAD CENTRE	D. L.(k)	D + L(k)	WIND I (Vw(k)	WIND I (S(k)	WIND II (M(k)	WIND II (S(k)	SOIL I (Ms(k)	SOIL I (Ss(k)
W1		~~4120~~ 4,270	5,270	3200 ± 2,462		~~48700~~ 37,250	195 ~~133~~	3920 ~~4,660~~	147 ~~117~~
W2		~~6170~~ 6,890	8,450	3200 ± 2,457		~~48700~~ 37,250	195 ~~133~~	3920 ~~4,560~~	147 ~~117~~
W3		6170 ~~6,890~~	8,450	3200 ± 2,457		~~48700~~ 37,250	195 ~~133~~	3920 ~~4,560~~	147 ~~117~~
W4		~~4120~~ 4,270	5,270	3200 ± 2,459		~~48700~~ 37,250	195 ~~133~~	3920 ~~4,560~~	147 ~~117~~

LOADING SCHEDULE OF CORE 'B'

LOAD CENTRE	D L	D + L	WIND I (Mw	WIND I (Sw	WIND II (Mw	WIND II (Sw	SOIL I (Ms	SOIL I (Ss
	21400 ~~25,600~~k	26100 ~~31,300~~k	189800 ~~251,500~~k	1910 ~~1,470~~k	405600 ~~378,100~~k	2350 ~~2,490~~k	39120 ~~42,600~~k	1787 ~~1,660~~k

WEIGHT OF CAISSON CAP = 6340K

CAISSON RECORD SCHEDULE

CAISSON MARK	CUT-OFF LEVEL	BOTTOM LEVEL	CAISSON NET LENGTH
CS 5	~~300.00~~ 296.16	~~230.00~~ 66.84	
CS 6	~~300.00~~ 295.00	~~230.00~~ 65.00	
CS 7	300.00	294.05	71.40
CS 8	300.00	293.18	73.82
CS 9	300.00	302.24	69.76
CS 10	300.00	301.50	64.94
CS 11	~~300.00~~ 300.00	~~230.00~~ 70.00	
CS 12	~~304.50~~ 309.50	~~234.50~~ 65.00	
CS 13	~~300.00~~ 295.25	~~230.00~~ 65.25	
CS 14	~~304.25~~ 297.66	~~234.25~~ 63.41	
CS 15	~~300.00~~ 293.66	~~230.00~~ 63.66	
CS 16	~~300.00~~ 295.00	~~230.00~~ 65.00	
CS 17	~~300.00~~ 301.70	~~230.00~~ 71.70	
CS 18	~~300.00~~ 301.35	~~230.00~~ 71.35	
CS 19	~~304.51~~ 306.35	~~234.51~~ 71.84	
CS 20	~~304.92~~ 309.20	~~234.92~~ 74.28	
CS 25	282.85	208.25	74.25
CS 26	~~300.00~~ 291.25	~~230.00~~ 61.25	
CS 27	~~300.00~~ 299.26	~~230.00~~ 69.26	
CS 28	299.00	224.00	75.00
CS 29	~~300.00~~ 297.00	~~230.00~~ 67.00	
CS 30	296.00	224.00	72.00
CS 31	300.00	292.75	73.25
CS 32	300.00	302.00	64.00
CS 33	~~304.25~~ 304.25	~~234.25~~ 70.00	
CS 34	~~304.33~~ 309.26	~~234.33~~ 74.93	
CS 35	300.00	293.75	72.25
CS 36	~~304.33~~ 298.33	~~234.33~~ 64.00	
CS 37	~~300.00~~ 297.00	~~230.00~~ 67.00	
CS 38	~~300.00~~ 293.75	~~230.00~~ 63.75	
CS 39	~~300.00~~ 301.00	~~230.00~~ 71.00	
CS 40	~~304.25~~ 302.75	~~234.25~~ 68.50	
CS 41	~~300.00~~ 309.00	~~230.00~~ 79.00	
CS 42	~~300.00~~ 293.50	~~230.00~~ 63.50	
CS 43	~~304.00~~ 294.83	~~234.00~~ 60.83	
CS 44	~~304.33~~ 302.75	~~234.33~~ 68.42	
CS 45	~~304.33~~ 308.75	~~234.33~~ 74.42	
CS 46	~~300.00~~ 293.50	~~230.00~~ 63.50	
CS 47	~~300.00~~ 293.25	~~230.00~~ 63.25	
CS 48	~~300.00~~ 293.50	~~230.00~~ 63.50	
CS 49	~~304.00~~ 300.50	~~234.00~~ 66.50	
CS 50	~~304.00~~ 302.75	~~234.00~~ 68.75	
CS 51	~~304.00~~ 297.25	~~234.00~~ 63.25	
CS 52	~~304.00~~ 293.08	~~234.00~~ 59.08	
CS 53	~~304.00~~ 277.58	~~234.00~~ 43.58	
CS 54	~~300.00~~ 296.00	~~230.00~~ 66.00	
CS 55	~~300.00~~ 301.00	~~230.00~~ 71.00	
CS 56	~~300.00~~ 296.25	~~230.00~~ 66.25	
CS 57	~~300.00~~ 308.50	~~230.00~~ 78.50	
CS 58	~~300.00~~ 296.00	~~230.00~~ 66.00	
CS 59	~~300.00~~ 297.00	~~230.00~~ 67.00	
CS 60	~~300.00~~ 292.00	~~230.00~~ 62.00	
CS 61	~~300.00~~ 299.00	~~230.00~~ 69.00	
CS 62	~~300.00~~ 303.75	~~230.00~~ 73.75	
CS 63	~~300.00~~ 287.75	~~230.00~~ 57.75	
CS 66	~~300.00~~ 306.00	~~230.00~~ 76.00	

TYPE 'G' (FOR CS 23, CS 24, CS 51, CS 52, CS 53, CS 54, CS 55, CS 56 & CS 66 (SEE ADDITIONAL DRAWING)

TYPE 'A' FOR CS 5 & CS 13 (ORIGINAL CAISSONS)

TYPE 'C' FOR CS 6, CS 7, CS 8, CS 9, CS 10, CS 11, CS 12, CS 14, CS 15, CS 16, CS 17, CS 18, CS 19, CS 20, CS 25, CS 26, CS 27, CS 28, CS 29, CS 30, CS 31, CS 32, CS 33, CS 34, CS 35, CS 36, CS 37, CS 38, CS 39, CS 40, CS 41, CS 42, CS 43, CS 44, CS 45, CS 46, CS 47, CS 48, CS 49, CS 50, CS 57, CS 58, CS 59, CS 60, CS 61, CS 62, CS 63 & CS 64 (ORIGINAL CAISSONS)

TYPE 'D' FOR CS 1, CS 2, CS 3, CS 4, CS 21, CS 22, CS 23, CS 24, CS 45, CS 46, CS 47, CS 48, CS 49, CS 50, CS 51, CS 52, CS 53, CS 54, CS 55, CS 56, CS 57, CS 58, CS 59, CS 60, CS 61, CS 62, CS 63 & CS 64 (ORIGINAL CAISSONS)

TYPE 'E' FOR CS 42, CS 43, CS 44, CS 45, CS 46, CS 47, CS 48, CS 49, CS 50, CS 51, CS 52, CS 53, CS 54, CS 55, CS 56, CS 57, CS 58, CS 59, CS 60, CS 61, CS 62, CS 63 & CS 64 (ORIGINAL CAISSONS)

TYPE 'F' FOR CS 35, CS 36, CS 37, CS 38, CS 39, CS 40, CS 41, CS 42, CS 43, CS 44, CS 45, CS 46, CS 47, CS 48, CS 49, CS 50, CS 51, CS 52, CS 53, CS 54, CS 55, CS 56, CS 57, CS 58, CS 59, CS 60, CS 61, CS 62, CS 63 & CS 64 (ORIGINAL CAISSONS)

TYPE 'E' & 'F' (FOR CS 42, CS 43, CS 44, CS 45, CS 46, CS 47, CS 48, CS 49, CS 50, CS 51, CS 52, CS 53, CS 54, CS 55, CS 56, CS 57, CS 58, CS 59, CS 60, CS 61, CS 62, CS 63 & CS 64 (ORIGINAL CAISSONS))

NOTES

CAISSON TYPE 'E' (CAISSON MARKS CS 42, CS 43, CS 44, CS 45, CS 46, CS 47, CS 48, CS 49, CS 50, CS 51, CS 52, CS 53, CS 54, CS 55, CS 56, CS 57, CS 58, CS 59, CS 60, CS 61, CS 62, CS 63 & CS 64 (ORIGINAL CAISSONS)) AND CAISSON TYPE 'F' (CAISSON MARKS CS 35, CS 36, CS 37, CS 38, CS 39, CS 40, CS 41, CS 42, CS 43, CS 44, CS 45, CS 46, CS 47, CS 48, CS 49, CS 50, CS 51, CS 52, CS 53, CS 54, CS 55, CS 56, CS 57, CS 58, CS 59, CS 60, CS 61, CS 62, CS 63 & CS 64 (ORIGINAL CAISSONS)) ARE TO BE CONSTRUCTED AT THE SAME TIME.

DIMENSION OF CAISSON

(1) DENOTES ORIGINAL CAISSONS. (2) DENOTES ADDITIONAL CAISSONS. (3) DENOTES ADDITIONAL CAISSON.

NOTES:

1. ALL LEVELS ARE IN FEET IN THE H.K. DATUM.
2. ALL PROPER LEVEL OF CAISSON TO BE DETERMINED BY ACTUAL EXCAVATION DOWN TO THE LEVEL APPROVED BY THE ARCHITECT ON SITE AND STANDARD PENETRATION TEST WHERE NECESSARY.
3. ALL PENETRATION TEST SHALL BE CARRIED OUT BY A REGISTERED SPECIALIST FIRM APPROVED BY THE ARCHITECT.
4. BEARING STRATUM OF EACH CAISSON IS THE DECISION FOR CAISSONS = 1.0 T/ft² (WITHOUT WIND) & 1.5 T/ft² (WITH WIND).
5. THE TIP LENGTH OF CAISSONS TO BE DETERMINED BY ACTUAL EXCAVATION DOWN TO THE LEVEL APPROVED BY THE ARCHITECT ON SITE AND STANDARD PENETRATION TEST WHERE NECESSARY.
6. STANDPIPES ARE INSTALLED AT EACH CAISSON FOR CONCRETE FILLING FOR MONITORING OF WATER LEVEL.
7. HEIGHT OF MAIN BUILDING TO BE 135 FT.
8. CALCULATION & DETAILS OF CAISSONS ARE SUBJECT TO SUBMITTED & APPROVED.
9. THE CAISSONS WITH A LOWER DESIGNED LEVEL SHALL BE CARRIED OUT AND COMPLETED AHEAD OF THE ADJOINING CAISSONS WITH A HIGHER DESIGNED LEVEL.
10. CALCULATION & DETAILS OF STRAP BEAMS SHALL BE SUBMITTED LATER.
11. ALL FOOTING SHALL BE FOUNDED IN THE H.K. STRATUM OF N VALUE ≥ 50 (BLOWS) BY STANDARD PENETRATION TEST.
12. BEARING CAPACITY ON SOIL FOR FOOTING TO BE 15 T/ft² (150 KN/m²) (NORMAL) AND 1.875 T/ft² (187.5 KN/m²) (WITH WIND).
13. ALL FOOTING TO BE FOUNDED ON SOLID GROUND.
14. BEARING CAPACITY ON SOIL FOR FOOTING TO BE 15 T/ft² (150 KN/m²) (NORMAL) AND 1.875 T/ft² (187.5 KN/m²) (WITH WIND).
15. CONCRETE OF FOOTING TO BE 1 : 1½ : 3A MIX.
16. REINFORCEMENT OF FOOTING TO BE HIGH TENSILE STEEL THOSE MARKED ⊕
17. MINIMUM CONCRETE COVER FOR REINFORCEMENT TO BE 3" (75 mm).
18. THE SOIL BEARING STRATUM OF EACH FOOTING MUST BE DETERMINED ON SITE BY THE AUTHORIZED ARCHITECT OR HIS REPRESENTATIVE BEFORE CONCRETING.

AMENDMENTS	CHECKED	B.O.O. APPL.
A(1) 25/2 CS 53 — CS 66 ADDED	10A K.H. Chan	25-10-78
A(2) 10/7/78 REVISED TOP OF CAISSON & DETAILS OF CAISSON REVISED, CAPS ADDED	10A Y.S. Lam	11-7-78
A(3) 11/7/78 ANCHOR WIRE FOR CS 53 — CS 66 ADDED	10A Y.S. Lam	11-7-78
A(4) 26/7/78 CAISSON NUMBERS OF CS 53 — CS 66 ADDED	10A Y.S. Lam	29-7-78
A(5) 10/8/78 CAISSON ADDED FOR CS 53 — CS 66	10A K.F. Lam	
A(6) 16/8/78 CAISSON CAP FOR STEEL & CAISSON CAP NOT USED ADDED	10A K.F. Lam	
A(7) 17/8/78 CAISSON RECORD SCHEDULE ADDED	10A K.F. Lam	

AMENDMENTS	CHECKED	B.O.O. APPL.
A1		
A1		
A2	7A1	11-5-79
A2		
A2	7A1	22-5-79
A3	7A1	25-7-79
A3	7A1	13-9-79

COMMON LIM & ASSOCIATES
ARCHITECTS & ENGINEERS
胡應湘建築工程師

AUTHORISED PERSON ARCHITECT

REGISTERED STRUCTURAL ENG. THOMAS K.C. WAN 萬以忠

DESIGNED C.C. 7A1 | CHECKED K.C. | REF. 16-11

DRAWN M.B. LAM | DATE 5-5-1977 | SCALE 1/8"=1'0"

TITLE FOUNDATION PLAN

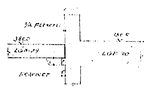
PROPOSED APARTMENT BUILDING ON S.B.R.P. OF I.L. 946, E.R.P. OF I.L. 946 AT ROTEMULL ROAD HONG KONG

DATE B.O.O. APPL. 7-6-1977

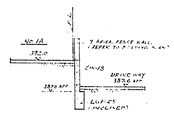
DRAWING NO. 159ST005A/7

RE-DRAWN

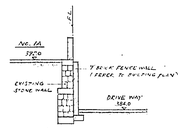
B.O.O. Ref. No. 3/2107 /73



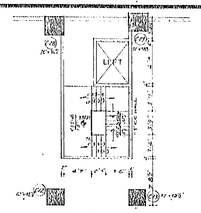
SECTION 'C-C'

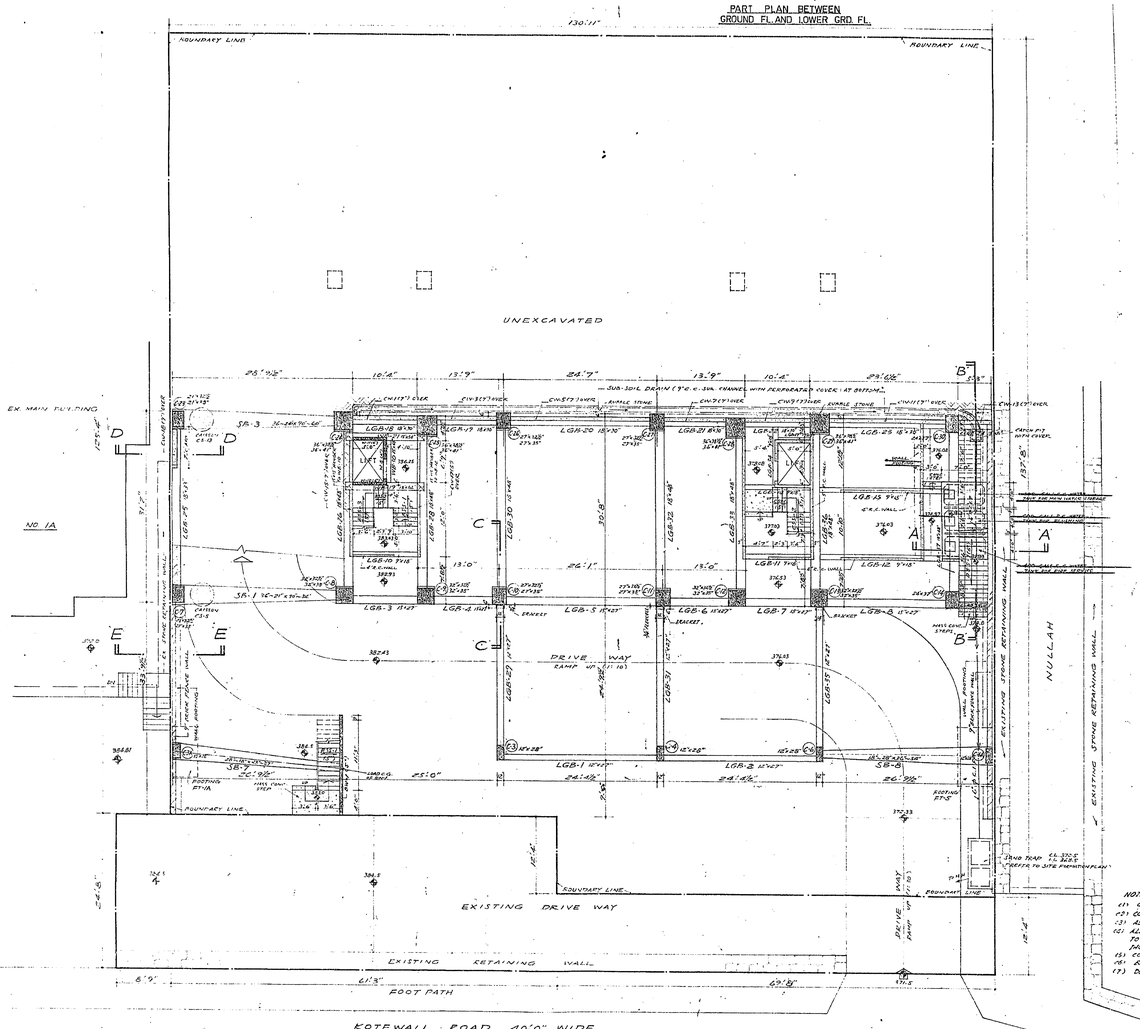


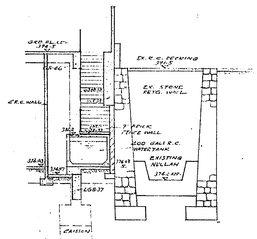
SECTION 'D-D'



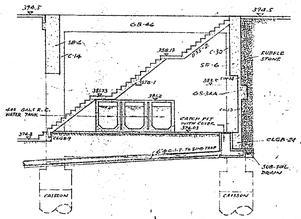
SECTION 'E-E'







SECTION 'A-A'



SECTION 'B-B'

Approved
for Building Authority
27 JAN 1977

NOTES:
(1) CONCRETE OF ALL WALL BEAMS, BEARING WALL CBW-1), COLUMNS & WATER TANKS TO BE 1:1:2A MIX
(2) CONCRETE OF ALL BEAMS, SLABS, CURTAIN WALLS TO BE 1:2:4A MIX.
(3) ALL MAIN BARS OF BEAMS AND COLUMNS TO BE HIGH TENSILE STEEL, LINKS MARKED ø.
(4) ALL MAIN AND DISTRIBUTION BARS OF RETAINING WALLS, CURTAIN WALLS CEXCEPT MAIN BARS OF CW10 TO BE HIGH TENSILE STEEL) WATER TANKS, STIRRUPS IN BEAMS, BINDERS IN COLUMNS TO BE MILD STEEL MARKED ø.
(5) FIGURES MARKED ○ IN C.D. OR S.B. REFER TO C-22 TO BE CAST1STD.
(6) HIGH STRENGTH BARS, LGB-10, LGB-10 & LGB-11 TO BE CAST1STD.
(7) DETAILS OF BEAMS SB1, SB3, SB7 & SB8 REFER TO FOUNDATION DRAWING No. 159 ST 013 & 159ST 061
(8) FIRE RESISTANCE PERIOD FOR LOWER GRD FLOOR TO BE 2 HOURS.
(9) CONCRETE COVER TO MAIN BARS IN BEAMS & COLUMNS TO BE 2 INCHES.
(10) CONCRETE COVER TO MAIN BARS IN LOADING BEARING WALLS TO BE 1 INCH.
(11) CONCRETE COVER TO MAIN BARS IN SLOPE WALLS & BOTTOM SLABS TO BE 1½ INCHES & IN COVER SLABS TO BE ½ INCH

NOTE: As plans have been examined only as regards [illegible] PLAN
[illegible] Notice of Approval No. 61, dated [illegible]
[illegible] Section 17 (3) of the Building [illegible]
On [illegible] to commence work prior to the issue of Building Permit
and [illegible] 29 DEC 1976
of any provision of the Buildings Ordinance.

THOMAS K. C. WAN P.I. ARCHT. R.
REGISTERED STRUCTURAL ENGINEER

DATE APPROVED BY B.O.O.		
1st SUBMISSION	ST026	11-10-76
1st AMENDMENT	ST026A	3-11-76
2nd AMENDMENT	ST026A2	
3rd AMENDMENT		
4th AMENDMENT		

GORDON WU & ASSOCIATES
ARCHITECTS & ENGINEERS
胡應湘建築工程師

JOB
PROPOSED APARTMENT BUILDING ON S.B.R.P. OF I.L. 946 AND R.P. OF I.L. 956 AT KOTEWALL ROAD HONG KONG.

OWNER

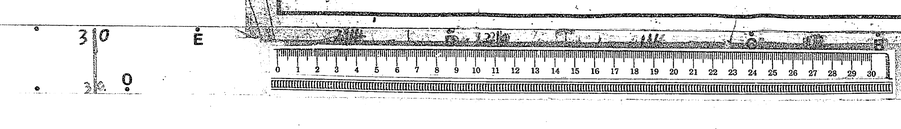
LOWER GROUND FLOOR FRAMING PLAN

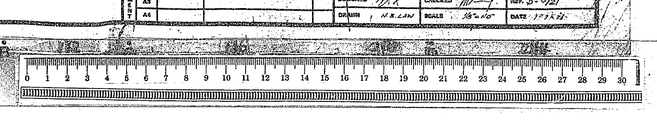
A1	21-10-76		
A2	16-12-76		
A3			
A4			

AUTHORIZED PERSON
JOHN H. C. HO M. HON. A.I.A.
REGISTERED ARCHITECT

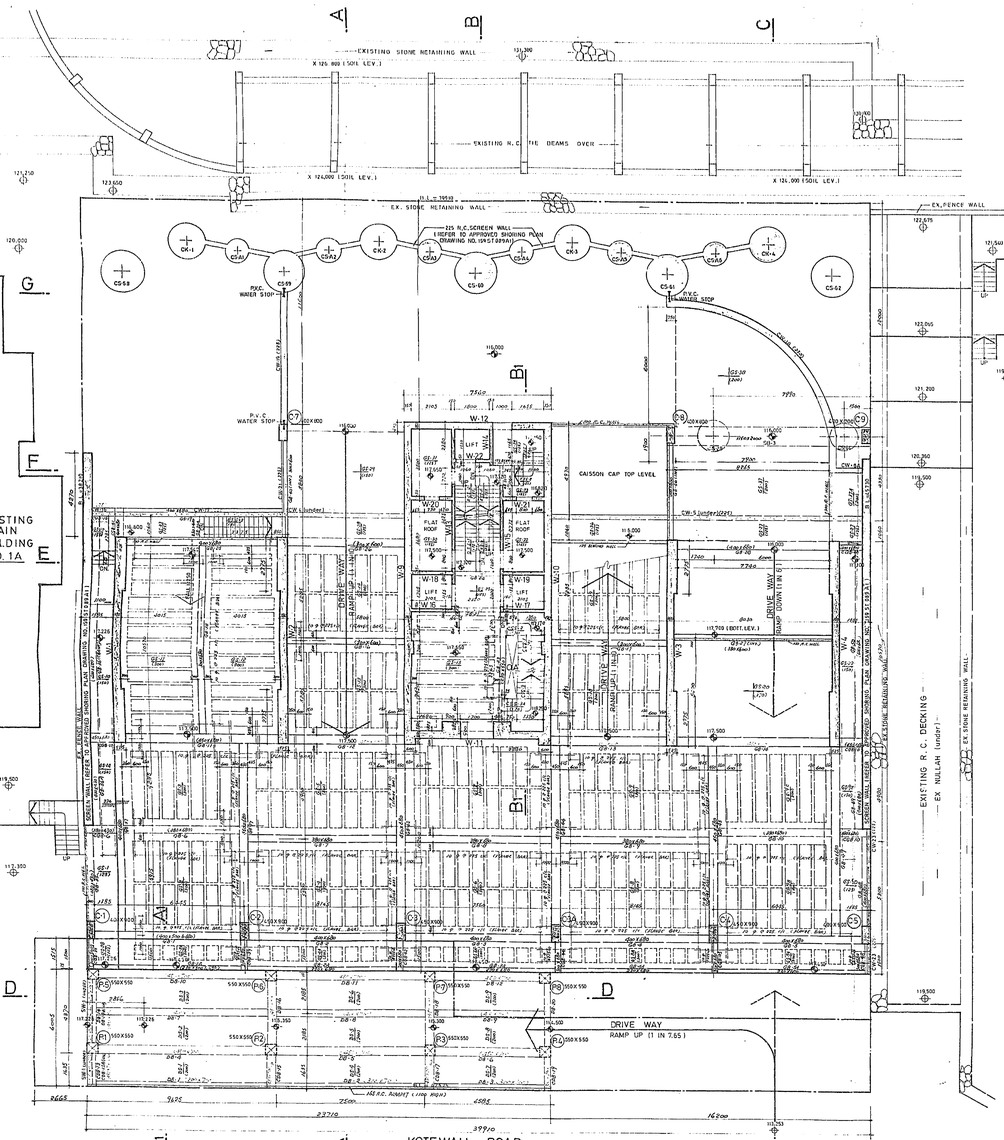
DRAWING NO. 159ST026A2

DESIGNED | CHECKED | SCALE 1/8"=1'-0" | DATE 17-12-76





B.O.D. REF. NO. 3/2107 /73



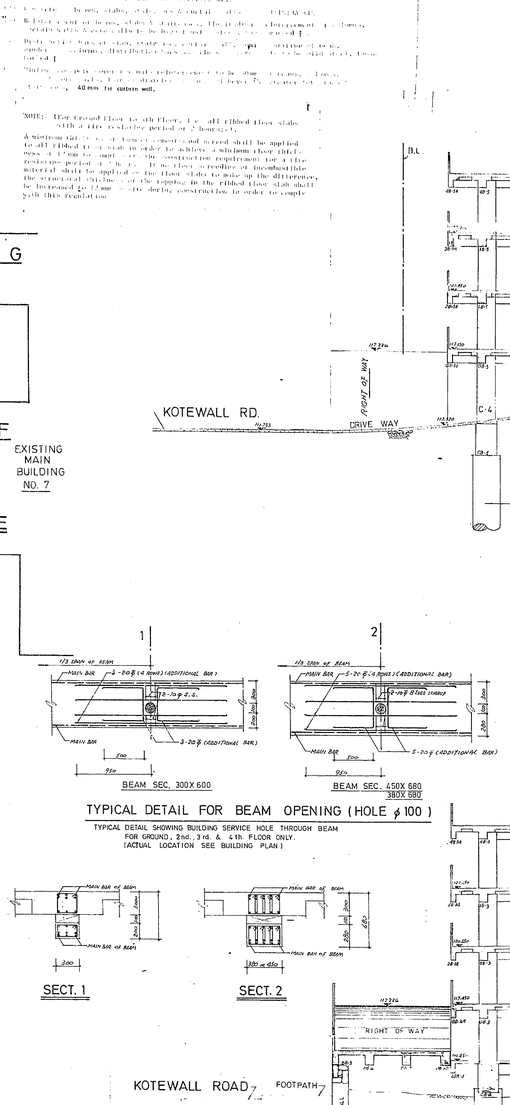
GROUND FLOOR FRAMING PLAN

MARK THAT TO BE OMITTED: GB-30, GB-20, GB-29, GB-30 GB-31, GB-15, GB-13, GB-39, GS-16, GB-17, GS-26, GS-25, GS-21,

Note for Ground Fl.

NOTE: Ground Floor to 4th Floor, I.e. all ribbed floor slabs with a fire resistive period of 2 hours.

A minimum thickness of 40mm of cement sand screed shall be applied to all ribbed floor slab in order to achieve a minimum floor thickness of 150mm to comply with the construction requirement for a fire resistive period of 2 hours. Extra floor screeding or incombustible material shall be applied to the floor slabs to make up the difference, the structural thickness of the topping to the ribbed floor slab shall be increased to 75mm while during construction in order to comply with this regulation.



SECT. C - C

SECT. B - B

TYPICAL DETAIL FOR BEAM OPENING (HOLE ϕ100)

TYPICAL DETAIL SHOWING BUILDING SERVICE HOLE THROUGH BEAM FOR GROUND, 2nd., 3rd. & 4th. FLOOR ONLY. (ACTUAL LOCATION SEE BUILDING PLAN)

NOTE: For R.C. DECKING

Approved
PRO BUILDING AUTHORITY
19 MAR 1981

NOTE: All these plans have been examined only as per Building Circular Letter No. 61, your particular attention is drawn to Section 4 (3) (d) of the Buildings Ordinance requiring your duty as Authorised Persons and to Section 14 (3) of the Building Ordinance requiring Contractors to comply with the design construction of any provision of the Buildings Ordinance.

4TH AMENDED PLAN
22 JAN 1981

GAMMON HK & ASSOCIATES
ARCHITECTS & ENGINEERS
胡應湘建築工程師

AMENDMENTS			CHECKED	B.O.D. APPL.
A2	24/6	LEGEND 'C' & 'D' R.C. EXTERNAL OF BEAMS TO BE SHOWN CHG. C14 & C26 TO 8" WIDE	K.H.	16-JUL-80
A3	11/8	SECTION C-C & B-B	K.H.	15-AUG-80
A4	11/11	TYPICAL DETAIL FOR BEAM OPENING ADDED	K.H.	15-NOV-80
A5	7/1	SCALE 'C' & 'D' R.C. EXTERNAL OF BEAMS TO BE SHOWN AMENDED	K.H.	
A6				
A7				

AUTHORIZED PERSON ARCHITECT

REGISTERED STRUCTURAL ENG.

THOMAS K.C. WAN

DESIGNED K.H. | CHECKED | REF. S-1167

DRAWN K.Y. YU | DATE 11/1/79 | SCALE 1:100

TITLE G/F FRAMING PLAN

JOB

DATE B.O.D. APPL. 9-MAR-79 | DRAWING NO. 159 ST110

Peace Court
(64 Conduit Road)

B.C.O. REF. NO. 2/2325/58

RECEIVED BY
BUILDINGS ORDINANCE OFFICE
-6 APR 1960
P.W.

N

NOTE
APPROVED WORK
NEW WORK
FILLING

BOUNDARY LINE

BOTTOM LINE OF EXIST. RETAINING WALL

TOP LINE OF EXIST. RETAINING WALL

95'-0"

68'-0"

42'-6"

15'-5"

5'-3"

17'-6"

409.27 415.33 421.72 423.73 421.67 415.25 423.60 423.56 423.90 400.61 408.37 408.45 407.48 410.81 424.04 423.55

434.66 434.33 434.95 434.52 435.53 440.31 440.38 435.06 434.41 435.24 435.01 440.13 442.06 434.66 443.38 443.72

EX. OUTLET

EXIST. DRAIN

PROPOSED NEW RIGHT OF WAY 15'-0"

14'-0"

41'-0"

48'-10"

13'-6½"

3'-0" RT. W.I. RAILING & HANDRAIL

R.C. SOLID RAILING

BALCONY (G)

BED ROOM (A)

4"ø C.I.R.W.P.

CLO.A

BATH (B)

LIVING ROOM (L)

BED ROOM (A)

CLO.C

CLO.B

BATH (B)

C.L. 434.41
I.L. 432.71

4"ø C.I.R.W.P.

DINING ROOM (L)

PANTRY (C)

BED ROOM (A)

4"ø C.I.G.W.P.

BALCONY (G)

KITCHEN COOKING SLAB (C)

SERV. RM. (E)

UP 9"

DOWN 9"

434.91

COLUMN OF BRIDGE

BALCONY (F)

3'-0" STONE WELL

I.L. 431.30

4"ø C.I.W.P.
4"ø C.I.S.P.

NEW M.H. I.L. 430.49

6"ø E.W.P. 1:60

7'-6" 7'-6" 5'-6" 16'-6" 9'-3" 12'-9"

49'-0"

EXISTING BUILDING
SITE NO. 63

EXISTING BUILDING
SITE NO. 66

BOUNDARY LINE

EX. M.H. 434.68 433.18

EX. DRAIN

EXISTING CONCRETE PATH

EX. M.H. EX. DRAIN EX. M.H.

EXISTING STEPS

DH

15'-0" RIGHT OF WAY

BOUNDARY LINE

182'-8"

BOUNDARY LINE

EXISTING RETAINING WALL

NEW R.C. RETAINING WALL (SEE STRUCTURAL DETAIL)

FALL 1:100

EXISTING RETAINING WALL

EXIST. RETAINING BASE LINE

UNEXCAVATED

32'-2"

BOUNDARY LINE

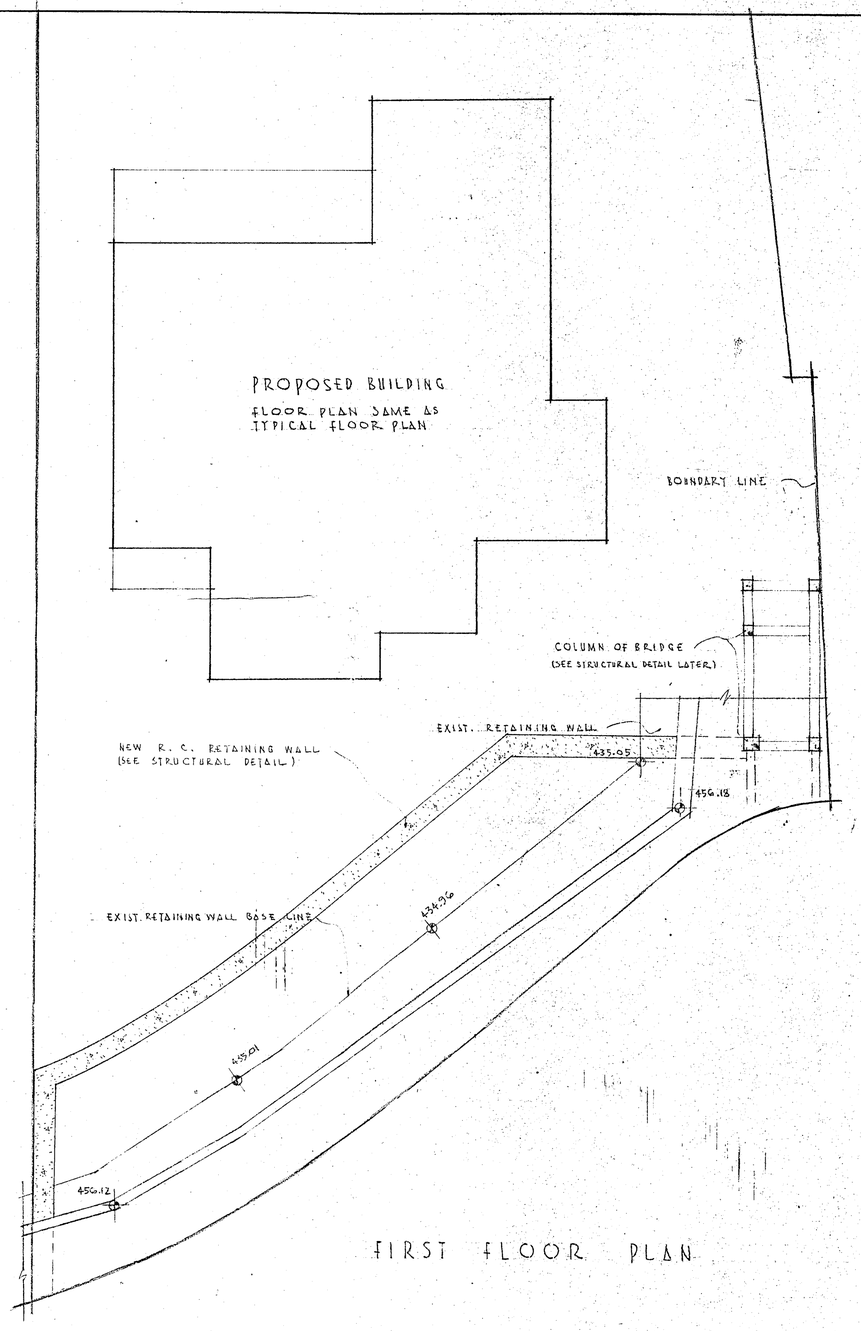
GROUND FLOOR PLAN

Approved
for BUILDING AUTHORITY
23 MAY 1960

AMENDED PLAN c 5 APR 1960

JOB NO. 560006	PROPOSED NEW BLDG ON I.L.2397 SEC.A CONDUIT ROAD, H.K.		DRAWING NO. A1
	PLAN		
Designed by	HSIN-YIEH ARCHITECTS & ASSOCIATES HONG KONG WITH ON LEE BLDG. NOMINEES		
Drawn by			
Checked by	Scale: 1/8" = 1'-0"		
Approved by	Date: 24/4/58		

B.O.O. REF. NO. 2/2323/58



FIRST FLOOR PLAN

Approved
[signature]
PRO BUILDING AUTHORITY
23 MAY 1960

RECEIVED BY
-6 APR 1960
BUILDINGS ORDINANCE OFFICE
P. W. D.

AMENDED PLAN 5 APR 1960

PLAN

SCALES: 1 FEET = 1/8 INCH

REVISED DATE REQUESTED BY	COMMENTS

PROPOSED BUILDING ON I.L.2387 SEC.A, CONDUIT ROAD HONG KONG

DESIGNED	BY	
DRAWN	BY	[signature]
CHECKED	BY	[signature]
DATE		

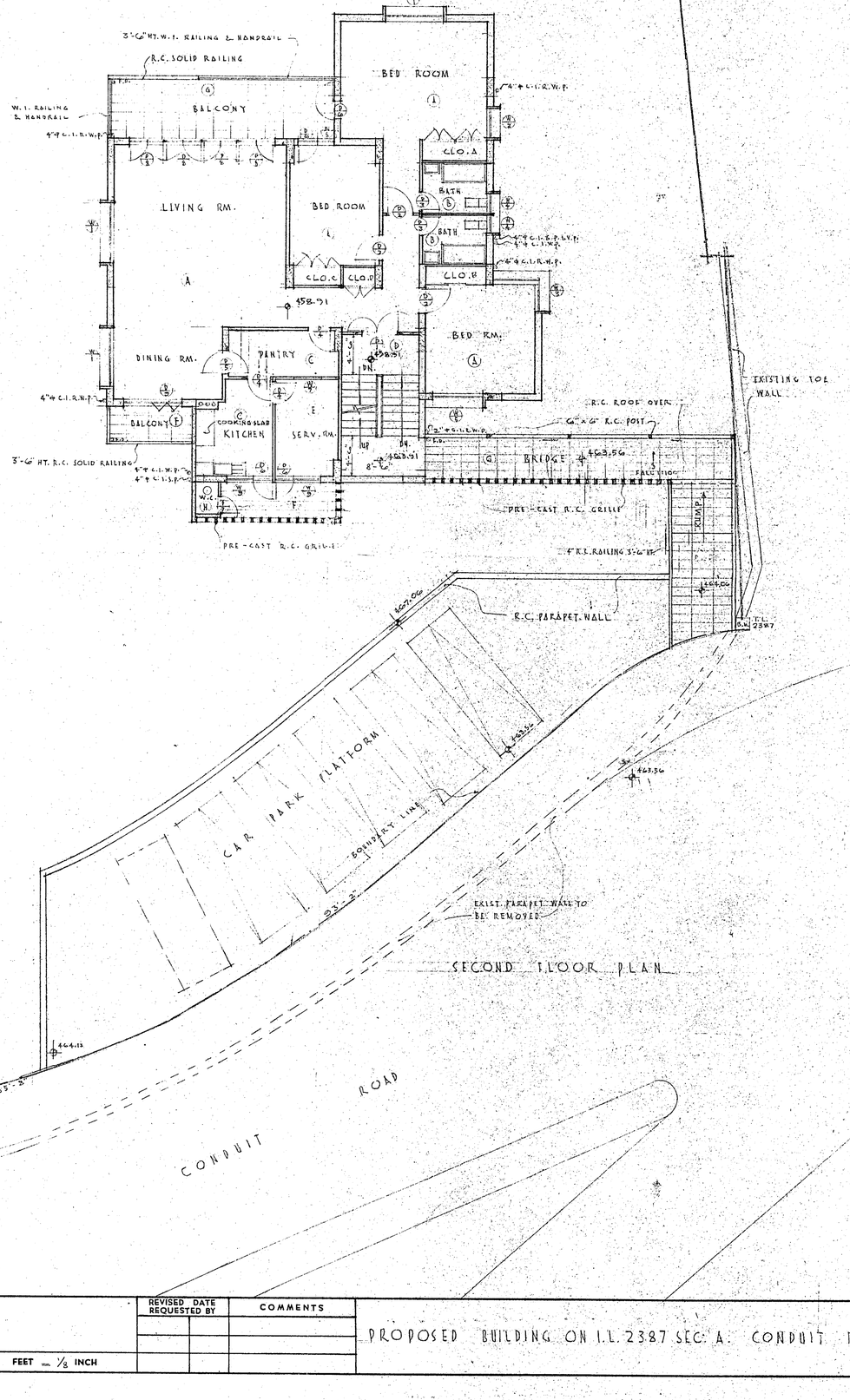
興業建築師
HSIN-YIEH ARCHITECTS & ASSOCIATES
1101-1103, WING ON LIFE BUILDING HONG KONG

AUTHORIZED ARCHITECT. [signature]

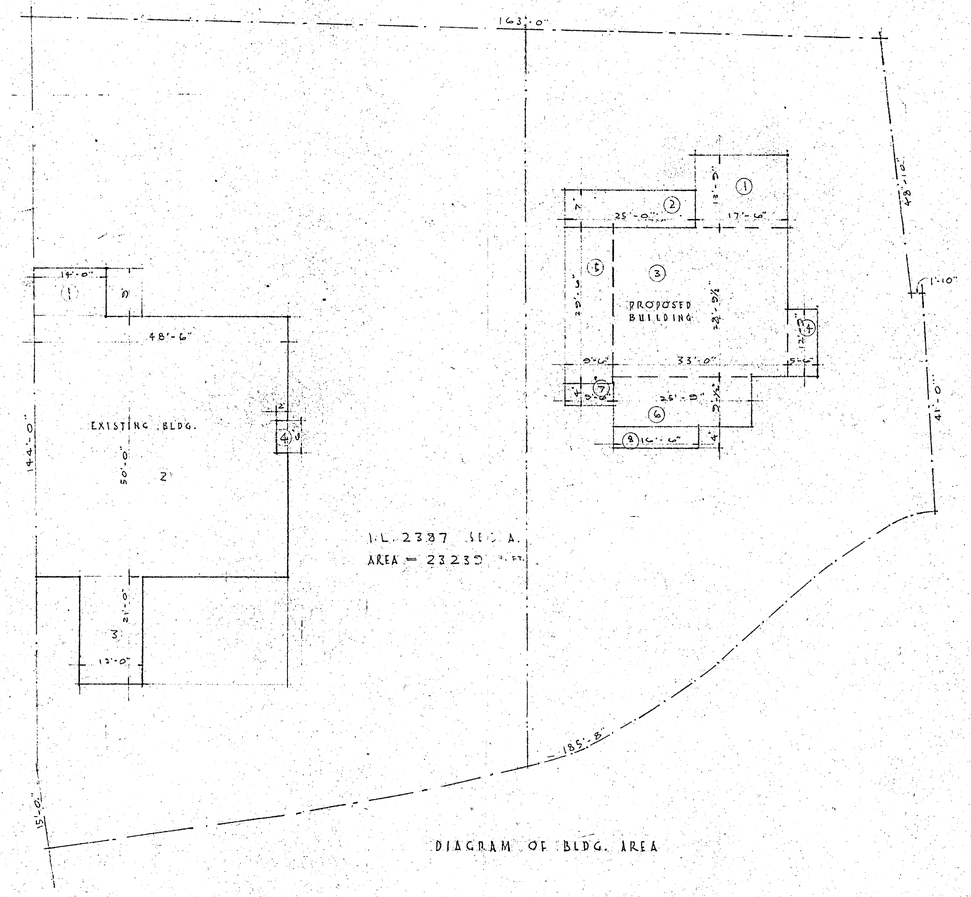
JOB NO. 5609006

DRAWING NO. A 2

B. O. O. REF. NO. 2/2323/58



SECOND FLOOR PLAN



I.L. 2387 SEC. A.
AREA = 23239 SQ. FT.

DIAGRAM OF BLDG. AREA

CALCULATION

LOT AREA = 23239 SQ. FT.
PERMISSIBLE BLDG. AREA = 40% × LOT AREA
= 9295.6 SQ. FT.

EXISTING BUILDING AREA :

① 14 × 9 = 126 SQ. FT.
② 50 × 48.5 = 2425
③ 12 × 21 = 252
④ -6 × 2 = -12
TOTAL = 2791 SQ. FT.

REMAINING AREA :

9295.6 - 2791 = 6504.6 SQ. FT.

PROPOSED BLDG. AREA :

① 13.75 × 17.5 = 240.63 SQ. FT.
② 25 × 7 = 175.00
③ 28.8 × 23 = 950.4
④ 12.75 × 5.5 = 70.12
⑤ 5.5 × 25.75 = 282.63
⑥ 25.75 × 9.04 = 232.88
⑦ 5.5 × 4 = 38.00
⑧ 16.5 × 4 = 6400
TOTAL = 2053.66 SQ. FT.
2053.66 SQ. FT. < 6504.60 SQ. FT.

Approved
G. Thomson
PRO BUILDING AUTHORITY
23 MAY 1960

AMENDED PLAN 3 APR 1960

RECEIVED BY
BUILDING ORDINANCE OFFICE
P. W. D.
-6 APR 1960

PLAN

SCALES: 1 FEET = 1/8 INCH

REVISED REQUESTED	DATE BY	COMMENTS

PROPOSED BUILDING ON I.L. 2387 SEC. A. CONDUIT ROAD, HONG KONG

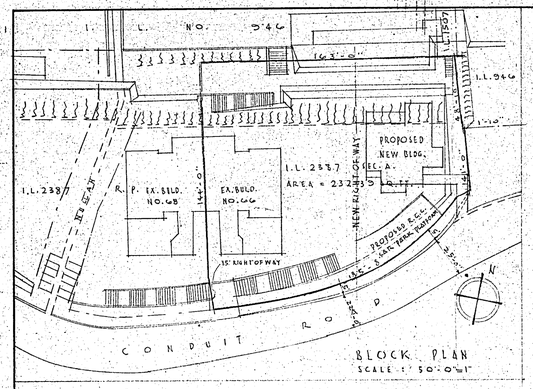
DESIGNED BY	
DRAWN BY	R.a.
CHECKED BY	K.H.C.
DATE	24/4/58

興業建築師
HSIN-YIEH ARCHITECTS & ASSOCIATES
1101-1103, WING ON LIFE BUILDING HONG KONG

AUTHORIZED ARCHITECT.

JOB NO. 5600906
DRAWING NO. A 3

B.O.O. REF. NO. 2/2323/58



BLOCK PLAN
SCALE : 1" 50'-0"

FIRE RESISTANCE REQUIREMENT FOR ELEMENTS OF CONSTRUCTION

	STOREY	USE	CLASS	COMPARTMENT OF BUILDING VOLUME	COMPARTMENT OF BUILDING FLOOR AREA	F.R.P. REQUIRED	MINIMUM DIMENSION OF ELEMENT OF CONSTRUCTION R.C.C. SLAB THICKNESS	R.C.C. SLAB COVER TO STEEL	R.C.C. BEAM COVER TO STEEL	R.C.C. COL. THICKNESS
PROPOSED BUILD.	GROUND FLOOR TO 4TH. FLOOR (EACH FLOOR)	DOMESTIC	3	20336.6 cu.ft.	2033.66 sq.ft.	1 HOUR	4"	½"	1"	9"

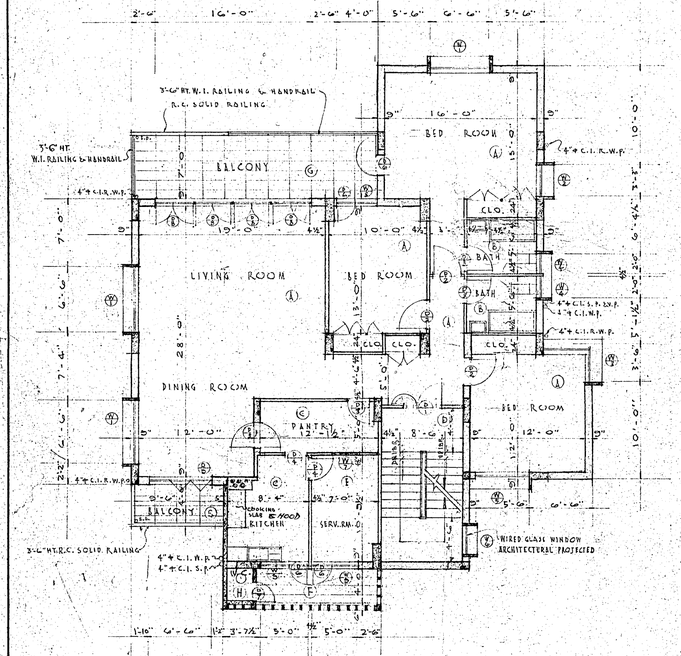
INDICATION

- BRICK WALL
- R. C. C.
- CEMENT CONCRETE
- HARD CORE

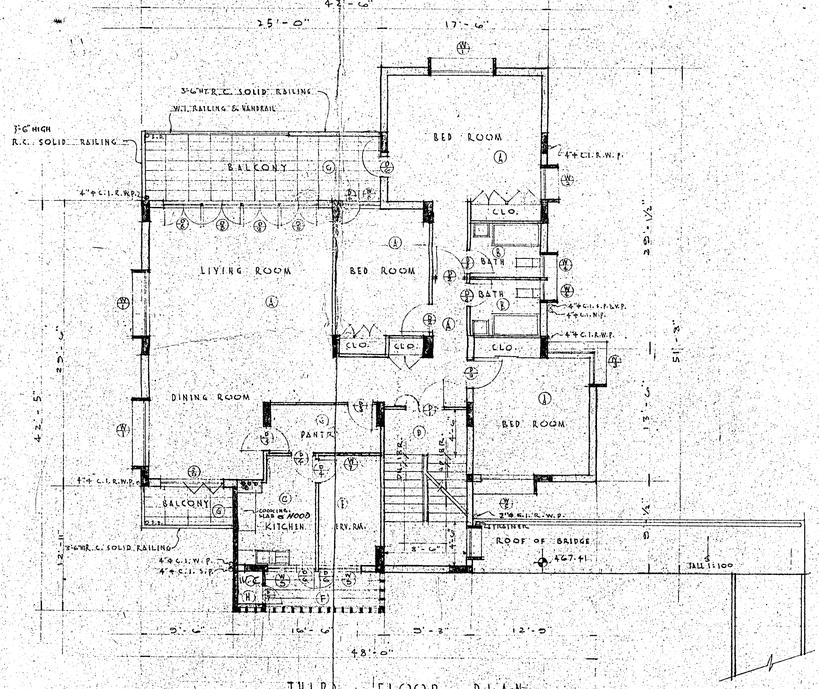
NOTES.

- Ⓐ DENOTE FLOOR AND SKIRTING FINISH — ½" T. & G. TEAK PARQUET
- Ⓑ " FLOOR FINISH — COLOR CERAMIC MOSAIC. DADO — 5'-0" HIGH COLOR GLAZED TILE.
- Ⓒ " FLOOR FINISH — COLOR CERAMIC MOSAIC. DADO — 4'-0" HIGH COLOR CERAMIC MOSAIC.
- Ⓓ " STAIR CASE AND FLOOR FIN. — COLOR CERAMIC MOSAIC. WITH NOSING. DADO — 4'-0" HIGH COLOR GLAZED MOSAIC. RAILING — W.I. RAILING AND HANDRAIL (TEAK HANDRAIL FOR STAIR RAILING)
- Ⓔ " FLOOR AND SKIRTING FINISH — COLOR RUBBED GRANOLITHIC.
- Ⓕ " FLOOR FINISH — COLOR CERAMIC MOSAIC.
- Ⓖ " FLOOR AND SKIRTING FINISH — COLOR CERAMIC MOSAIC. RAILING — W.I. RAILING AND HANDRAIL.
- Ⓗ " FLOOR FINISH — RUBBED GRANOLITHIC. DADO — 4'-0" HIGH RUBBED GRANOLITHIC.
- Ⓘ " ROOFING — 5 PLY ASPHALT FELT ROOFING SURFACE DRESSED WITH PEBBLES, 12" HIGH. 5 PLY ASPHALT FELT FLASHING.

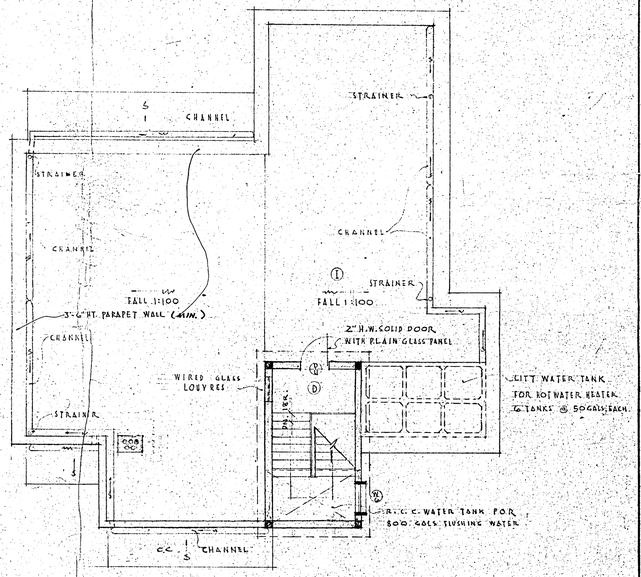
FLUES & CHIMNEY STACKS SHALL BE COMPLIED WITH SECTIONS 67, 68 & 69, OF CONSTRUCTION REGULATIONS.



TYPICAL FLOOR PLAN
(FOURTH FLOOR)



THIRD FLOOR PLAN



ROOF PLAN

WINDOW SCHEDULE

TYPE	WIDTH	HEIGHT	SEC.	REMARK
W	6'-6"	5'-6"	1¼"	STEEL WINDOW
W	3'-3"	4'-0"	1¼"	
W	8'-3"	5'-6"	1¼"	STEEL CORNER WINDOW
W	2'-0"	4'-0"	1"	STEEL WINDOW OBSCURED GLASS
W	5'-6"	3'-0"	1"	STEEL HIGH WINDOW
W	3'-0"	3'-0"	1¼"	STEEL WINDOW WIRED GLASS ARCHITECTURAL ROTECTED.
W	3'-0"	2'-6"	1"	STEEL HIGH WINDOW
W	2'-0"	5'-6"	1"	STEEL WINDOW
W	3'-0"	5'-0"	1"	STEEL WINDOW
W	2'-6"	2'-6"	1"	STEEL SASH & WIRED GLASS LOUVRE

DOOR SCHEDULE

TYPE	WIDTH	HEIGHT	SEC.	REMARK
D	4'-0"	7'-0"	2"	TEAK WOOD SOLID DOOR
D	2'-10"	6'-0"	1¾"	FLUSH DOOR OF TEAK PLY WOOD WITH H.W. FRAME (HOLLOW CORE)
D	2'-6"	6'-0"	1½"	FLUSH DOOR OF T. PLY WOOD H.W. FRAME WITH SELF-CLOSING (HOLLOW CORE)
D	2'-6"	6'-0"	2"	H.W. SOLID DOOR
D	2'-6"	6'-0"	1¾"	FLUSH DOOR OF TEAK PLY. WOOD, GLASS PANEL & FOBELE ACTION (HOLLOW CORE)
D	2'-0"	8'-6"	1½"	STEEL DOOR WITH FANLIGHT.
D	2'-0"	8'-6"	1½"	H.W. DOOR WITH LOUVRE PANEL AND FANLIGHT.
D	4'-0"	8'-6"	1½"	STEEL DOOR AND FANLIGHT.
D	6'-6"	8'-6"	1½"	STEEL FOLDING DOOR AND FANLIGHT.
D	2'-6"	6'-0"	2"	H.W. SOLID DOOR FOR PUMP ROOM
D	3'-0"	6'-6"	1½"	H.W. SOLID DOOR WITH PLAIN GLASS PANEL IN UPPER PART

Approved
B.A.C.
PRO BUILDING AUTHORITY
- 3 FEB 1959

RECEIVED BY
23 DEC 1958
BUILDING OFFICE

AMENDED PLAN 19 JAN 1959
B.O.O. 58
22 DEC 1958

PLANS

SCALES: 1 FEET = ⅛ INCH

REVISED DATE REQUESTED BY	COMMENTS

PROPOSED BUILDING ON I.L. 2387 SEC. A, CONDUIT ROAD HONG KONG

DESIGNED	BY	
DRAWN	BY	K.W.C.
CHECKED	BY	K.W.C.
DATE		24/4/58

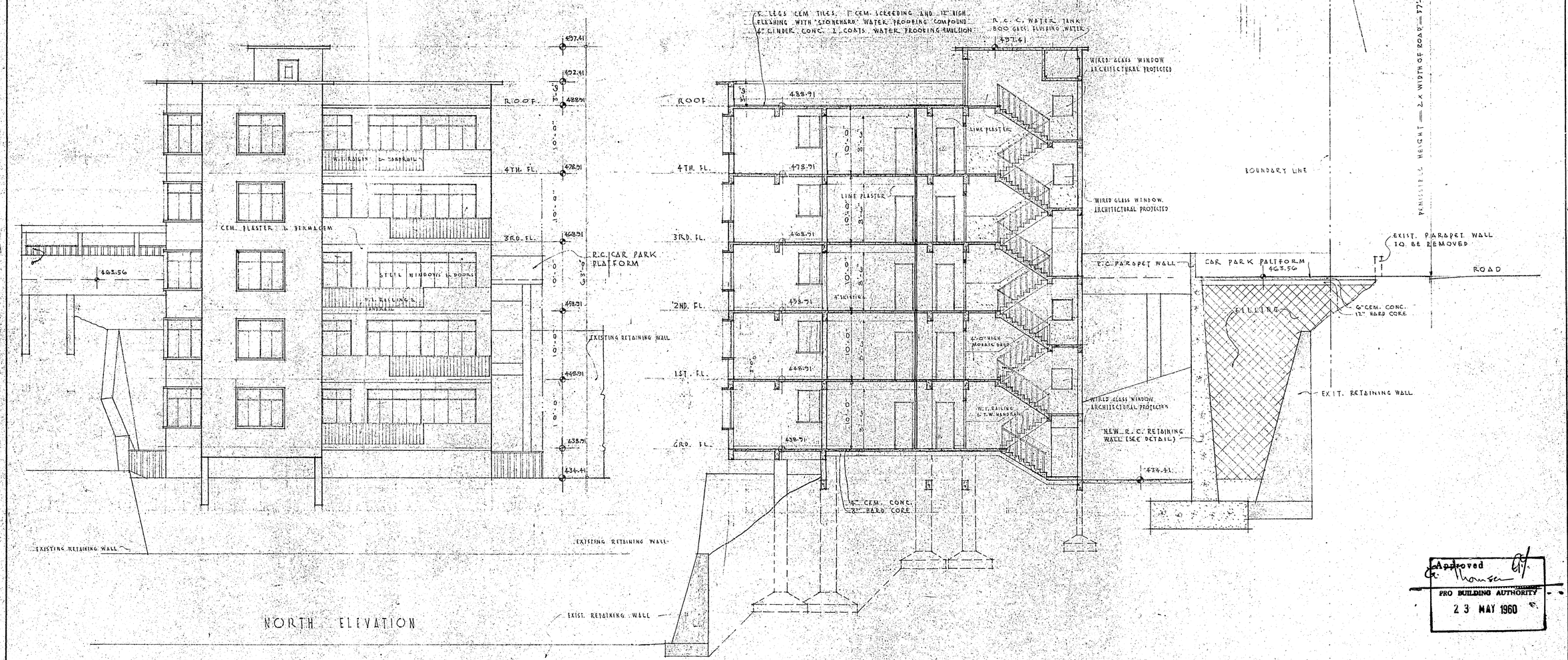
興業建築師
HSIN-YIEH ARCHITECTS & ASSOCIATES
1101-1103, WING ON LIFE BUILDING HONG KONG.

AUTHORIZED ARCHITECT.

JOB NO. 560006

DRAWING NO. A4

B.O.O. REF. NO. 2/2323/58



NORTH ELEVATION

SECTION A-A

Approved
PRO BUILDING AUTHORITY
23 MAY 1960

AMENDED PLAN 5 APR 1960

ELEVATION & SECTION	REVISED DATE REQUESTED BY		COMMENTS
SCALES: 1 FEET = 1/8 INCH			

PROPOSED BUILDING ON I.L. 2387 SEC. A, CONDUIT ROAD, HONG KONG

DESIGNED BY		
DRAWN BY		
CHECKED BY	K.N.C.	
DATE	24/4/58	

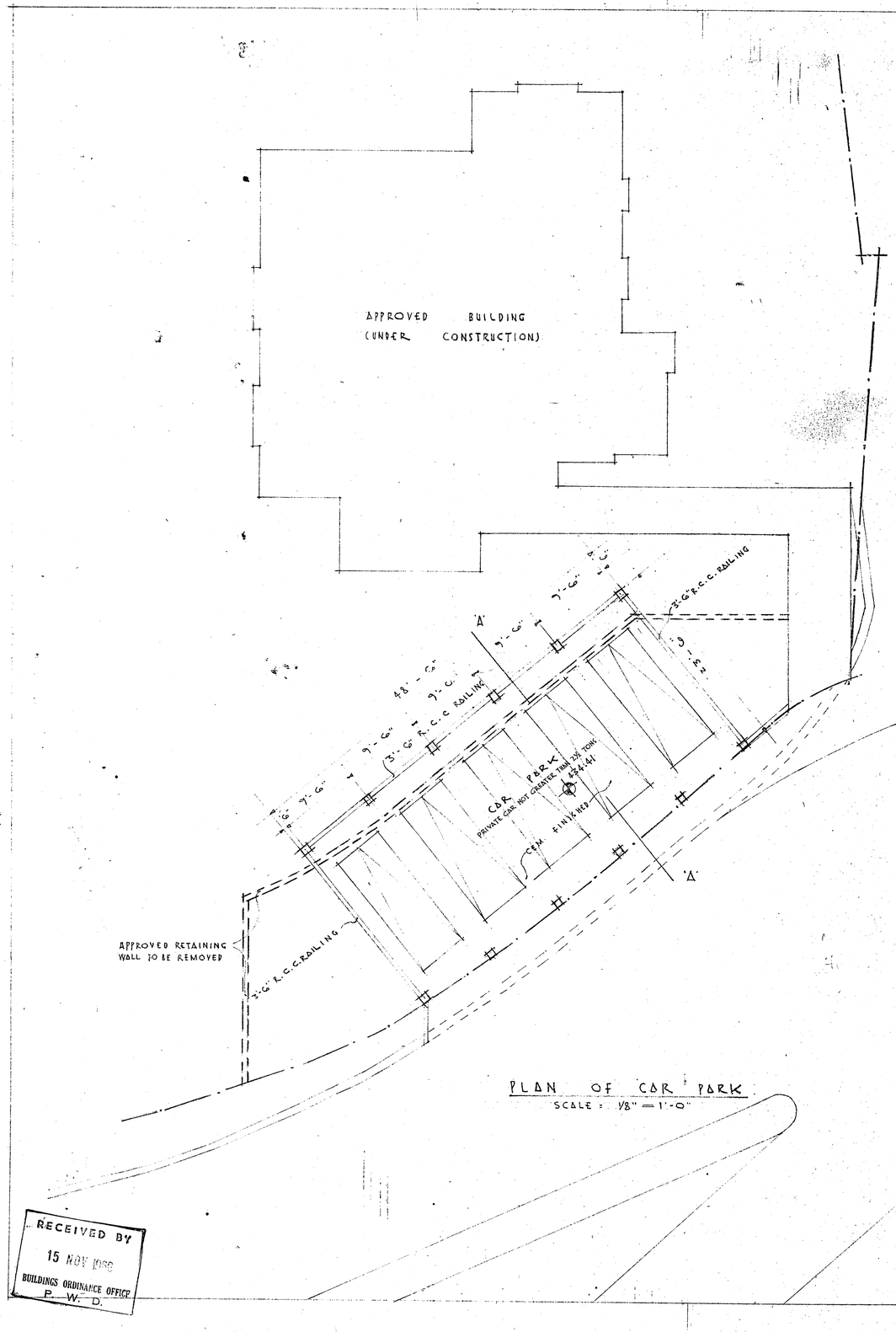
興業建築師
HSIN-YIEH ARCHITECTS & ASSOCIATES
1101-1103, WING ON LIFE BUILDING HONG KONG

AUTHORIZED ARCHITECT.

JOB NO. 5600506

DRAWING NO. A.6

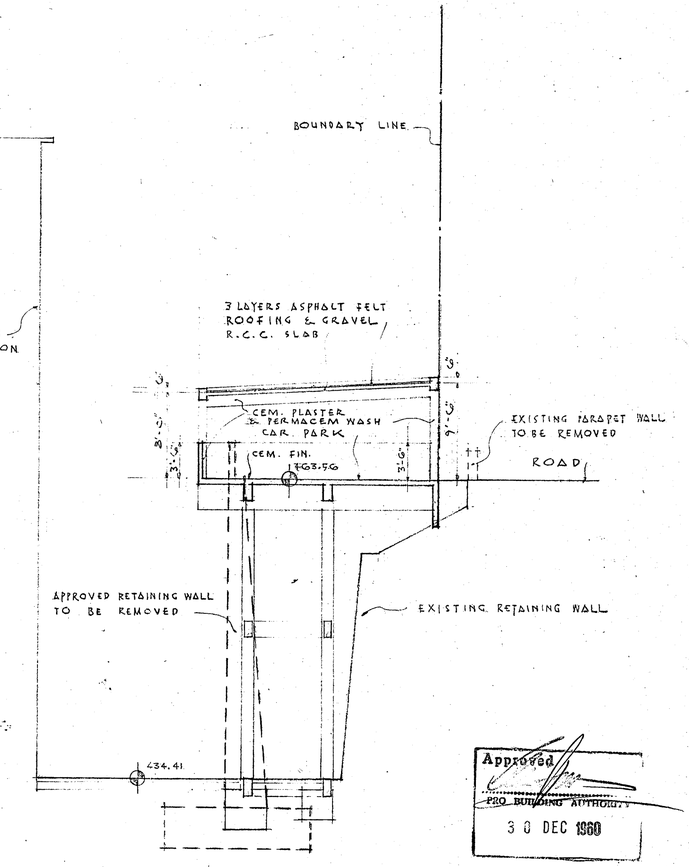
B.O.O. REF. NO. z/2323/58



PLAN OF CAR PARK
SCALE : 1/8" = 1'-0"

INDICATIONS

R. C. C. NEW WORK
APPROVED WORK
APPROVED WORK TO BE REMOVED



SECTION 'A'-'A'
SCALE = 1/8" = 1'-0"

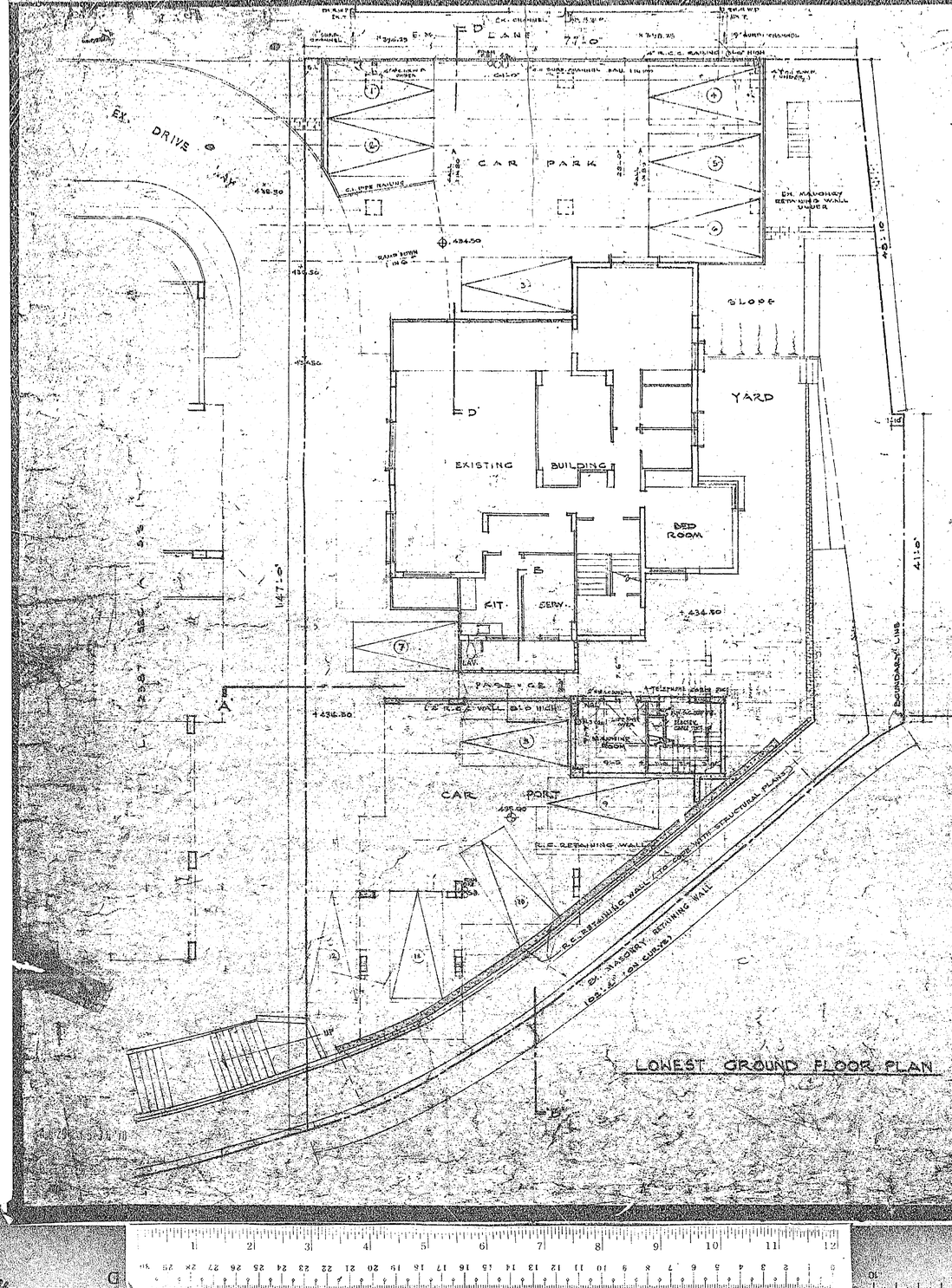
Approved
PRO BUILDING AUTHORITY
30 DEC 1960

RECEIVED BY
15 NOV 1960
BUILDINGS ORDINANCE OFFICE
P. W. D.

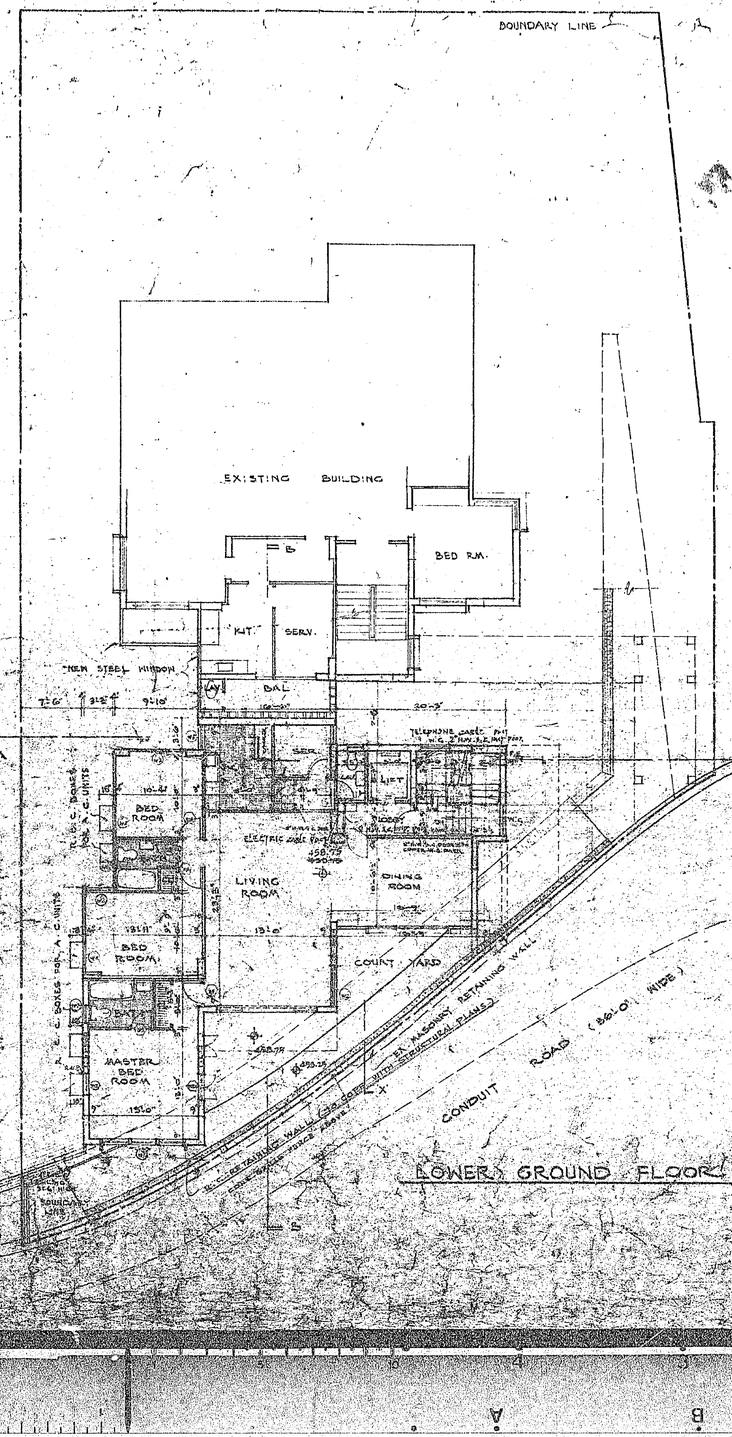
AMENDED PLAN 10 NOV 1960

JOB NO. 5G0906	I.L. 2387 SEC. A CONDUIT ROAD, H.K.	DRAWING NO. A7
CAR PARK		
Designed by	HSIN-YIEH ARCHITECTS & ASSOCIATES 1101-1104 WING ON LIFE BLDG. HONGKONG	
Drawn by		
Checked by	Scale 1/8"=1'-0"	
Approved by	Date 7 NOV. 60	

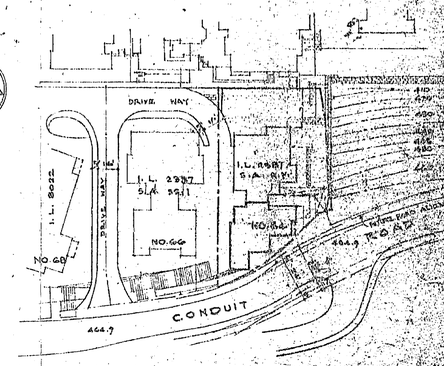
B.O.O. REF. NO. 2/2194/76



LOWEST GROUND FLOOR PLAN



LOWER GROUND FLOOR PLAN



BLOCK PLAN
SCALE 50 FT. = 1 IN.

Approved
PRO BUILDING AUTHORITY
26 SEP 1978

NOTE: As these plans have been examined only so much as is required in Circular Letter No. 64, your particular attention is drawn to Section 4 (3) (b) of the Buildings Ordinance regarding your duty as Authorised Persons and to Section 14 (2) (c) regarding possible contraventions of any provision of the Buildings Ordinance.

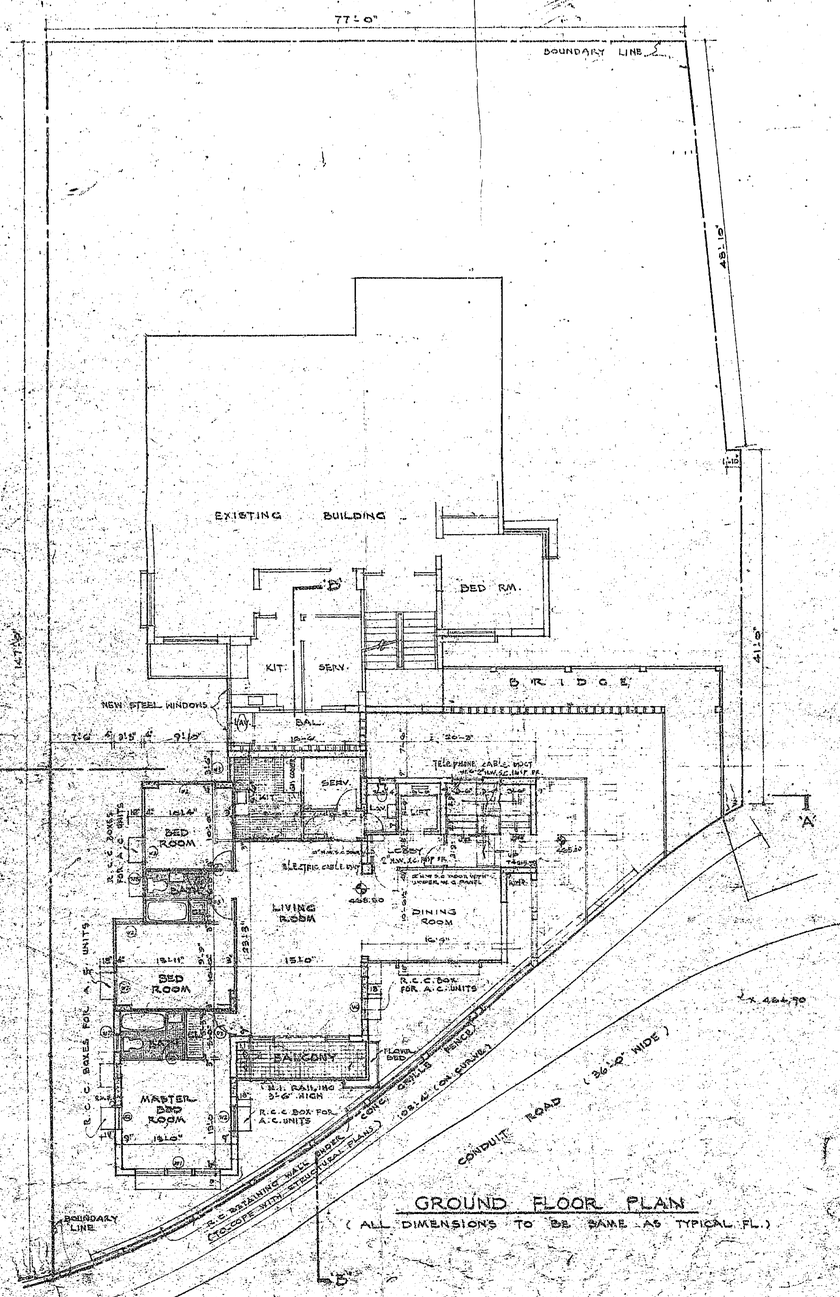
NOTE: GREEN DOTTED LINES INDICATING APPROVED WORKS TO BE OMITTED.

UPPER PART OF LOWER GROUND FLOOR

Wallace Chiu
& WONG KWOK KEUNG
29 AUG 1978 CHARTERED ARCHITECT

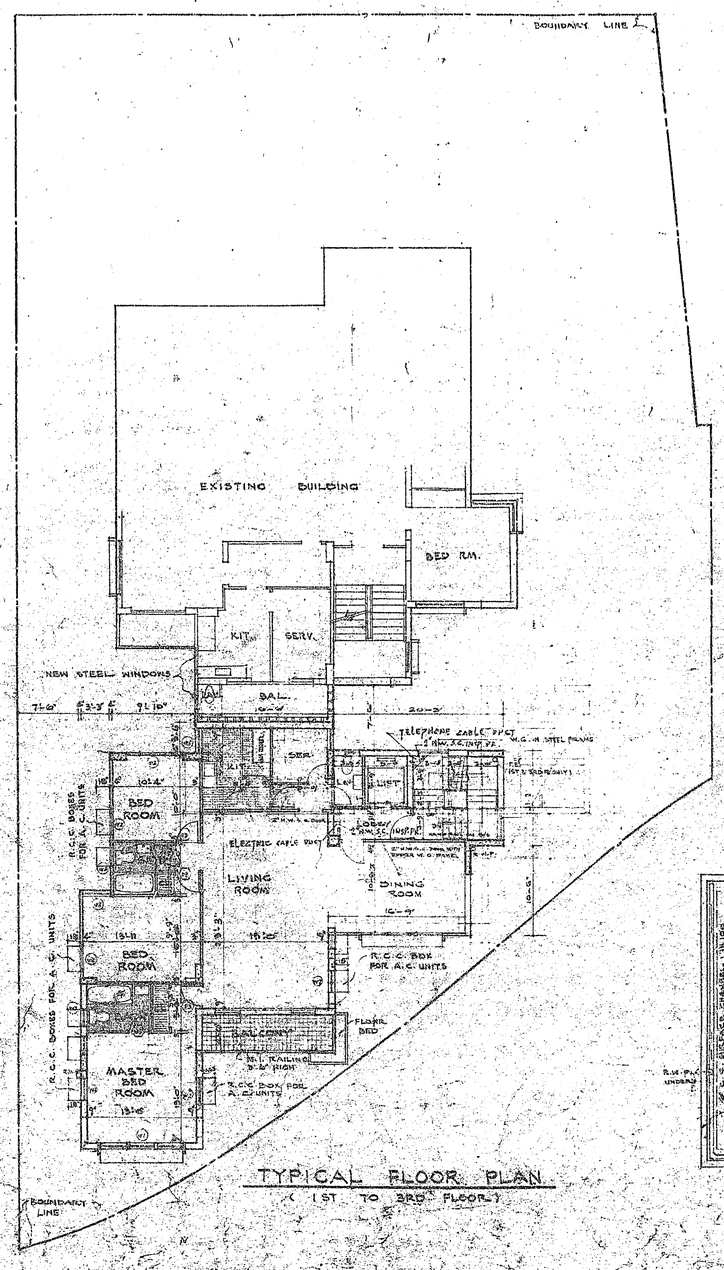
DATE 24-7-1978	PROPOSED ALTERATIONS & ADDITIONS
JOB NO.	I.L. 2387 S.A.R.P. NO. 64 CONDUIT RD.
1ST REV. 19-7-78	PLANS
2ND " 26-8-78	
3RD " 19-11-78	
SCALE 1/4"=1'-0"	WALLACE CHIU & ASSOCIATES
DRAWN BY	ARCHITECTS & BUILDING CONSULTANTS
CHECKED BY	2-10th & 12th FLOORS, MARINE HOUSE

B.O.O. REF. NO. 2/2196/70



GROUND FLOOR PLAN

(ALL DIMENSIONS TO BE SAME AS TYPICAL FL.)



TYPICAL FLOOR PLAN

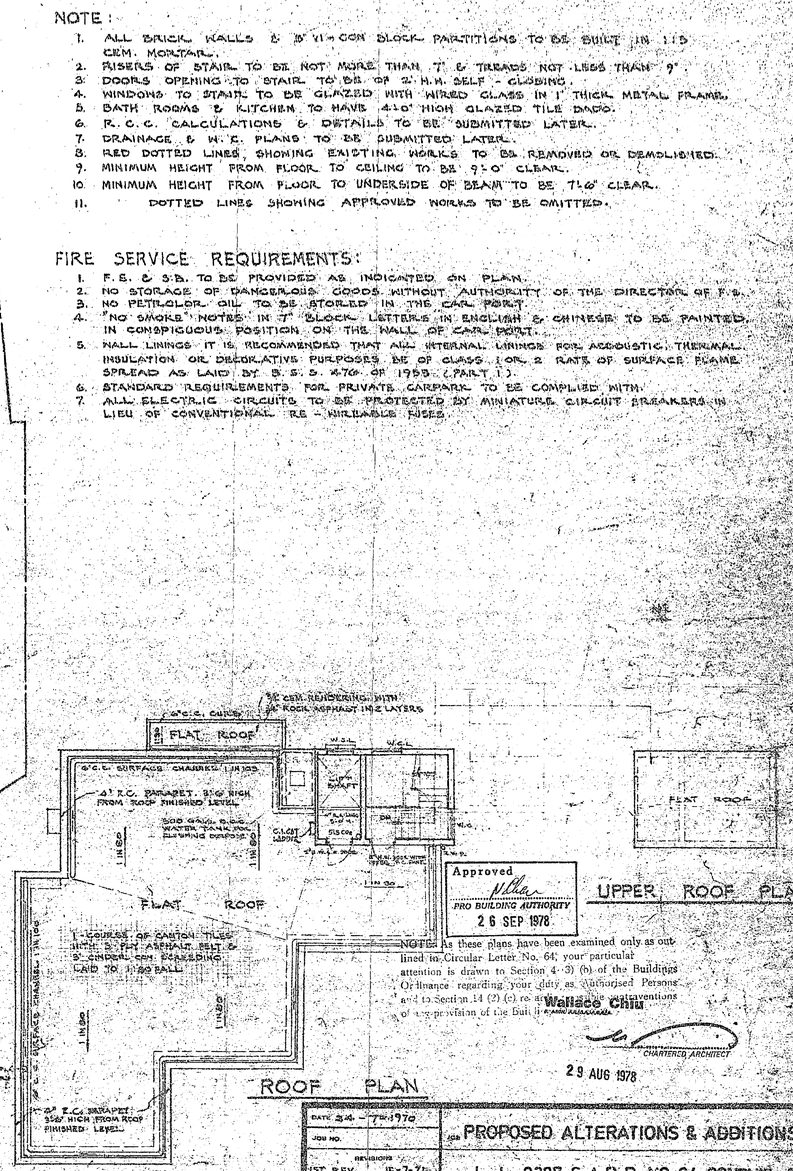
(1ST TO 3RD FLOOR)

NOTE :

1. ALL BRICK WALLS & 5" THICK CONCRETE BLOCK PARTITIONS TO BE BUILT IN 1:3 CEM. MORTAR.
2. RISERS OF STAIR TO BE NOT MORE THAN 7" & TREADS NOT LESS THAN 9".
3. DOORS OPENING TO STAIR TO BE OF 2 H.R. SELF - CLOSING.
4. WINDOWS TO STAIR TO BE GLAZED WITH WIRED GLASS IN 1" THICK METAL FRAME.
5. BATH ROOMS & KITCHEN TO HAVE 4'-0" HIGH GLAZED TILE DADO.
6. R.C.C. CALCULATIONS & DETAILS TO BE SUBMITTED LATER.
7. DRAINAGE & W.S.D. PLANS TO BE SUBMITTED LATER.
8. RED DOTTED LINES, SHOWING EXISTING WORKS TO BE REMOVED OR DEMOLISHED.
9. MINIMUM HEIGHT FROM FLOOR TO CEILING TO BE 9'-0" CLEAR.
10. MINIMUM HEIGHT FROM FLOOR TO UNDERSIDE OF BEAM TO BE 7'-6" CLEAR.
11. DOTTED LINES SHOWING APPROVED WORKS TO BE OMITTED.

FIRE SERVICE REQUIREMENTS:

1. F.S. & S.B. TO BE PROVIDED AS INDICATED ON PLAN.
2. NO STORAGE OF DANGEROUS GOODS WITHOUT AUTHORITY OF THE DIRECTOR OF F.S.
3. NO PETROLEOR OIL TO BE STORED IN THE CAR PORT.
4. "NO SMOKE" NOTES IN 3" BLOCK LETTERS IN ENGLISH & CHINESE TO BE PAINTED IN CONSPICUOUS POSITION ON THE WALL OF CAR PORT.
5. WALL LININGS IT IS RECOMMENDED THAT ALL INTERNAL LININGS FOR ACOUSTIC, THERMAL INSULATION OR DECORATIVE PURPOSES BE OF CLASS 1 OR 2 RATE OF SURFACE FLAME SPREAD AS LAID BY B.S.S. 476 OF 1953 (PART 1).
6. STANDARD REQUIREMENTS FOR PRIVATE CARPARK TO BE COMPLIED WITH.
7. ALL ELECTRIC CIRCUITS TO BE PROTECTED BY MINIATURE CIRCUIT BREAKERS IN LIEU OF CONVENTIONAL RE - WIREABLE FUSES.



UPPER ROOF PLAN

ROOF PLAN

Approved
PRO BUILDING AUTHORITY
26 SEP 1978

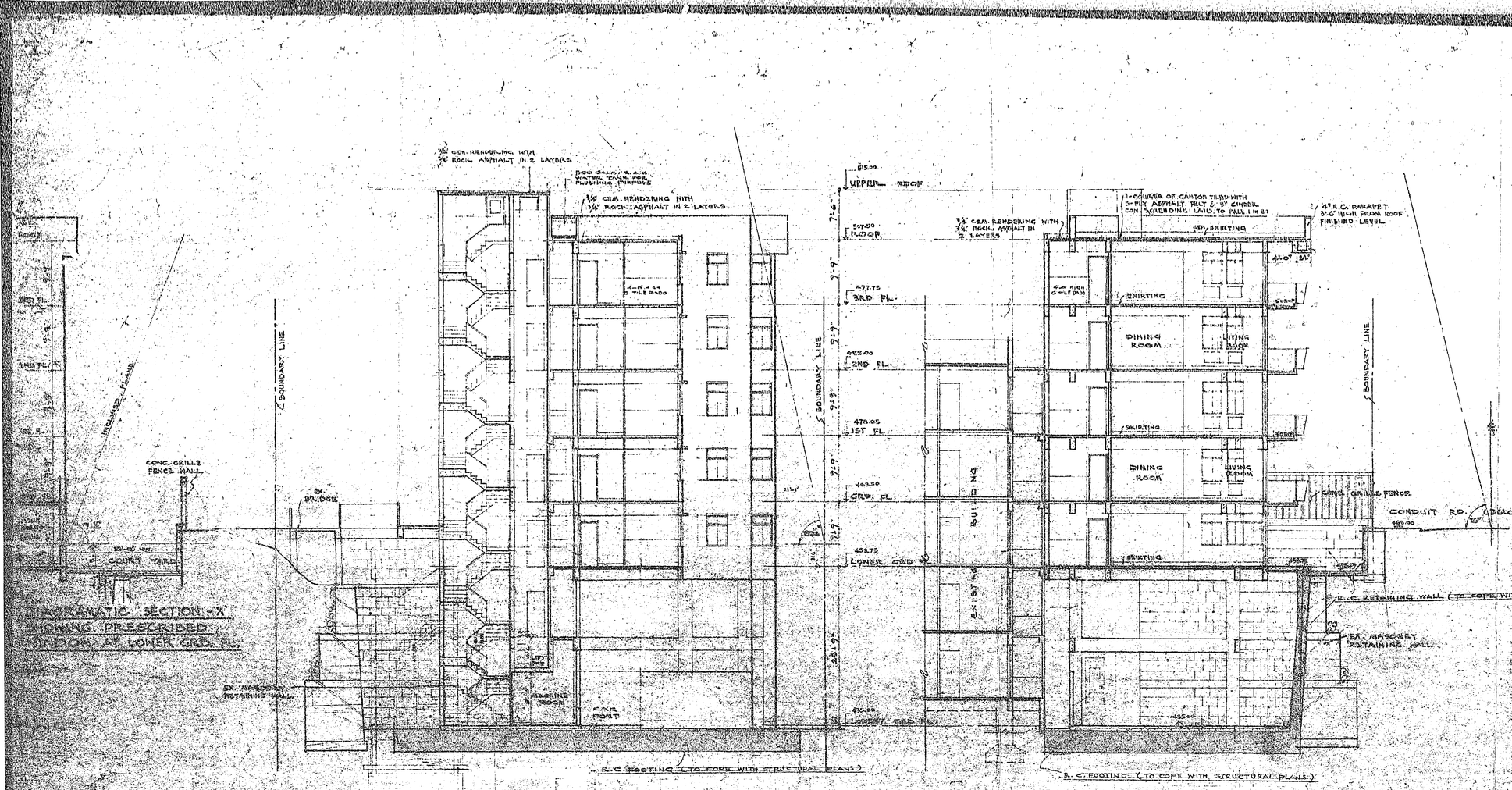
NOTE:- As these plans have been examined only as outlined in Circular Letter No. 64, your particular attention is drawn to Section 4-3 (b) of the Buildings Ordinance regarding your duty as Authorised Persons and to Section 14 (2) (c) regarding contraventions of the provision of the Building Ordinance.

Wallace Chiu
CHARTERED ARCHITECT
29 AUG 1978

DATE 24 - 7 - 1970	JOB PROPOSED ALTERATIONS & ADDITIONS
JOB NO.	
REVISIONS 1ST REV. 15-7-71 2ND 19-8-71 3RD	SITE I. L. 2387 S.A.R.P. NO. 64 CONDUIT RD.
	DRAWING PLANS
SCALE 1/8"=1'-0"	WALLACE CHIU & ASSOCIATES ARCHITECTS & ENGINEERS ROOM 1511 HANG LUNG HOUSE 41-43 QUEEN'S ROAD C. HONG KONG
DRAWN BY Sam	DRG. NO. 4/65
CHECKED BY	

Aug 29 15 34 78

B.O.O. REF. NO. 2/217a/70



SECTION A - A

SECTION B - B

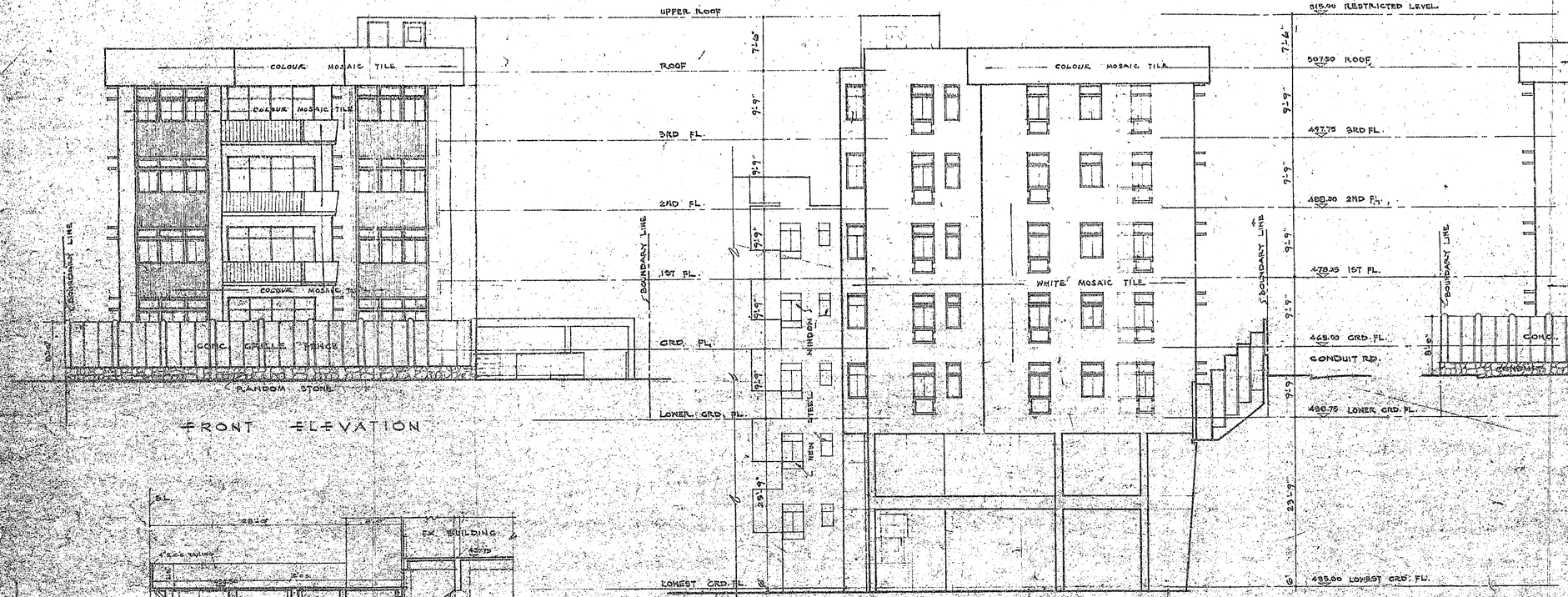
Approved
PRO BUILDING AUTHORITY
26 SEP 1978

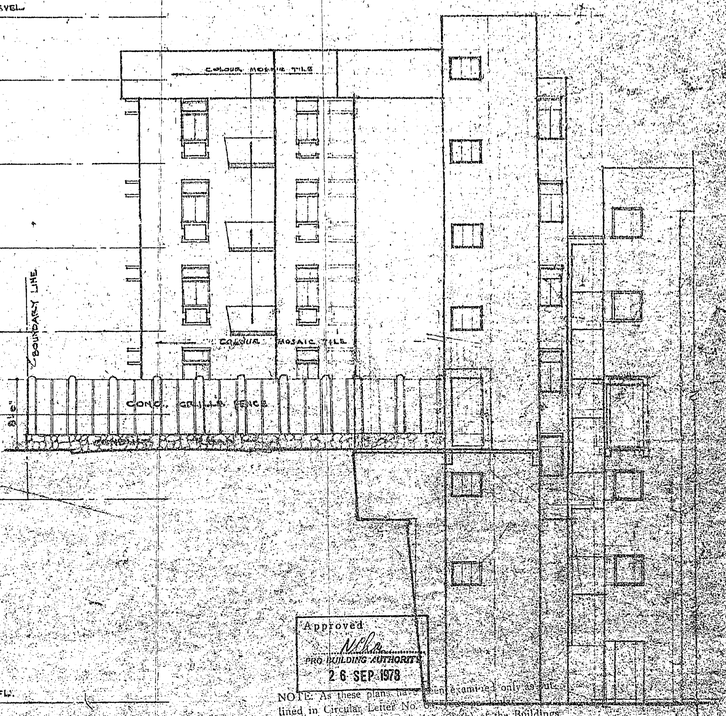
NOTE: As these plans have been examined only as outlined in Circular Letter No. 64, your particular attention is drawn to Section 4 (3) (b) of the Buildings Ordinance regarding your duty as Authorised Persons and to Section 14 (2) (c) regarding possible contraventions of any provision of the Buildings Ordinance.

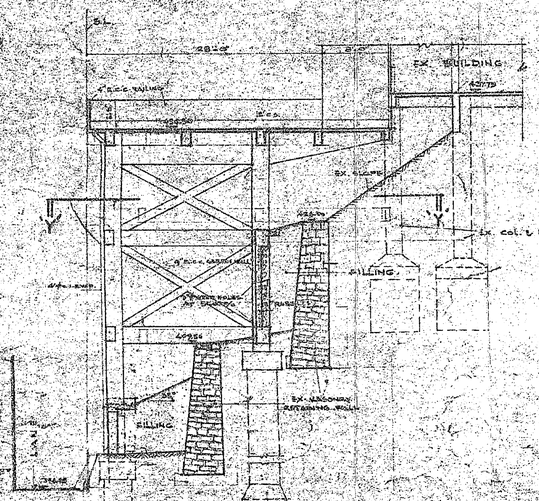
Wallace Chiu
CHARTERED ARCHITECT
29 AUG 1978

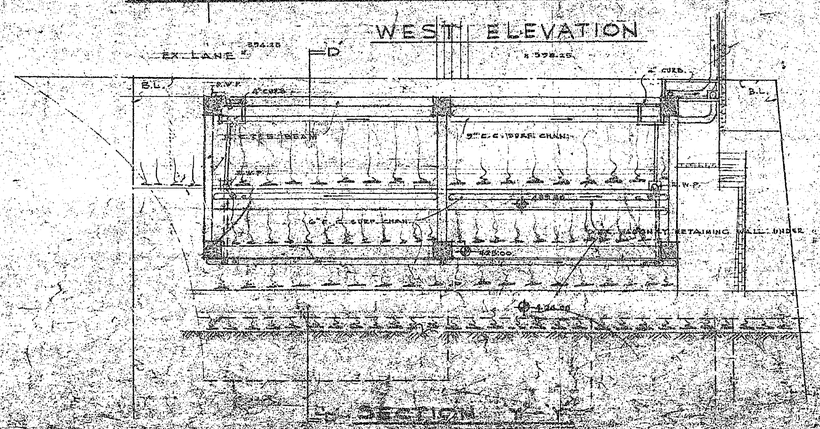
DATE 29-7-78	PROPOSED ALTERATIONS & ADDITIONS
JOB NO.	I.L. 2387 S.A.R.P. NO. 64 CONDUIT RD.
REVISIONS	
1ST REV. 15-7-71	SECTIONS
2ND "	
3RD "	
SCALE 1/8"=1'-0"	WALLACE CHIU & ASSOCIATES
DRAWN	ARCHITECTS & CONSULTANTS
CHECKED	

B.010 | REF. NO. 2/2196/70









Approved
PRO BUILDING AUTHORITY
26 SEP 1978

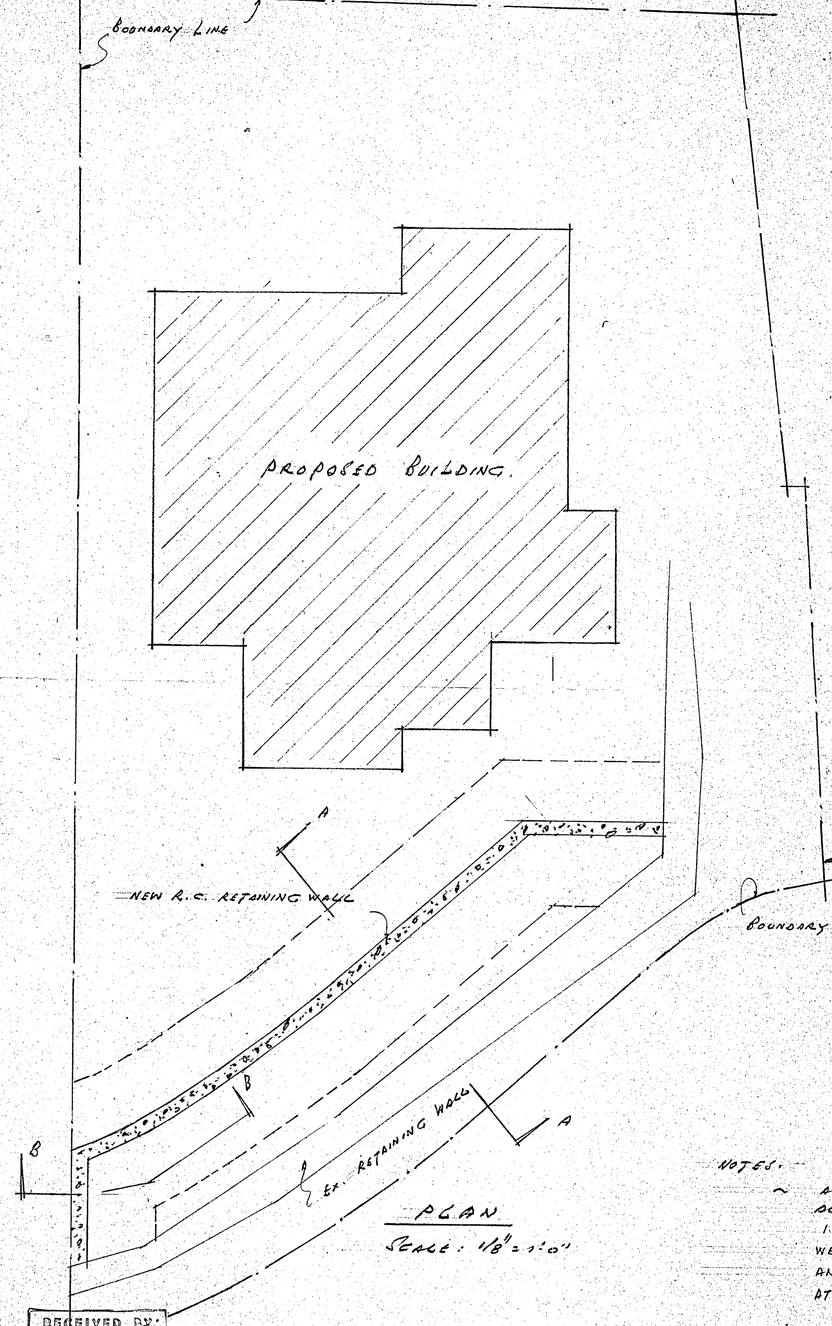
NOTE: As these plans are approved in principle only as outlined in Circular Letter No. [illegible] attention is drawn to Section 9 (3) (b) of the Buildings Ordinance regarding your duty as Authorised Persons and to Section 14 (2) (c) regarding possible contraventions of any provision of the Buildings Ordinance.

Wallace Chiu
A.HON.ARCH.A.HKIA

29 AUG 1978

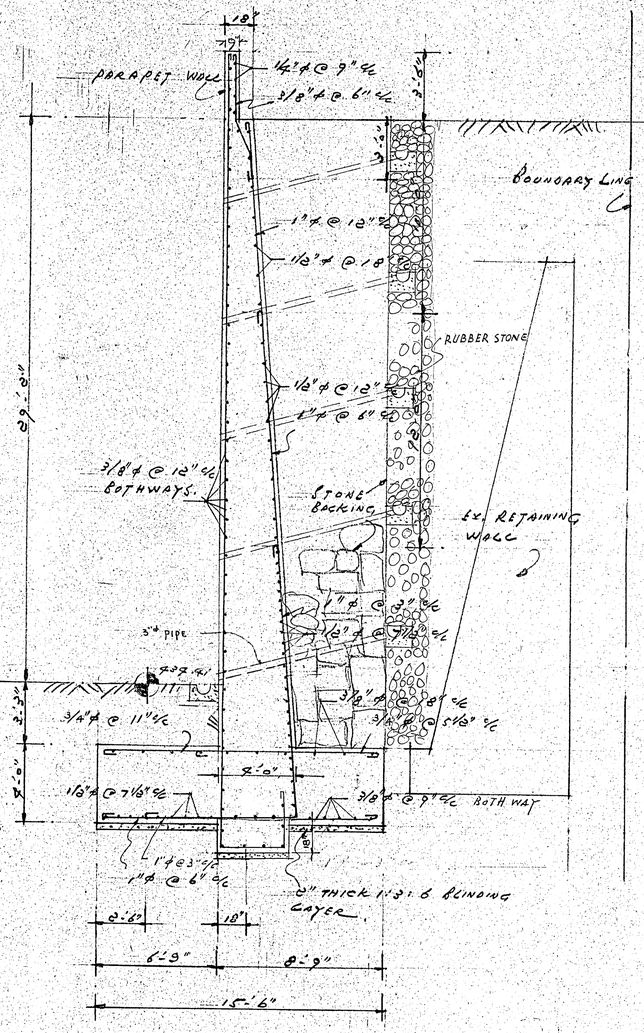
DATE 24-7-1970	PROPOSED ALTERATIONS & ADDITIONS
JOB NO.	
REVISIONS 1ST REN 15-7-71 2ND " 6-6-73 3RD " 19-11-73	SITE L.I. 2387 S.A.R.P. NO. 64 CONDUIT RD.
	DRAWING ELEVATIONS
SCALE 1/8"=1'-0"	WALLACE CHIU & ASSOCIATES ARCHITECTS & ENGINEERS RMS. 6, 5 & 6/F. YUE HING BUILDING 84-90 D'AGUILAR STREET, HONG KONG
DRAWN BY	
CHECKED BY	

3/2323/58



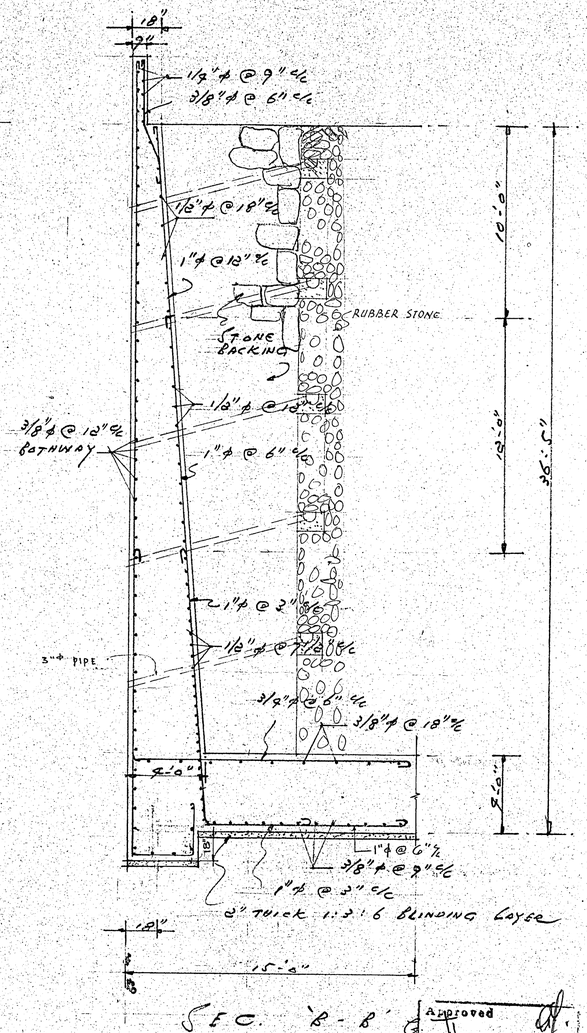
PLAN

SCALE: 1/8" = 1'-0"



SEC. A-A

SCALE: 1/4" = 1'-0"



SEC. B-B

SCALE: 1/4" = 1'-0"

NOTES:

~ ALL R.C.C. WORKS TO BE 1:1:2 MIX.
ALL CEM. MOR. TO BE 1:3 MIX.
1" COVER TO MAIN STEEL BAR
WEEP HOLES TO BE CONSTRUCTED AT 6'-0" C/C. HORIZONTALLY AND SPACED STOGGERLY WITH UPPER AND LOWER ROWS AT 6'-0".

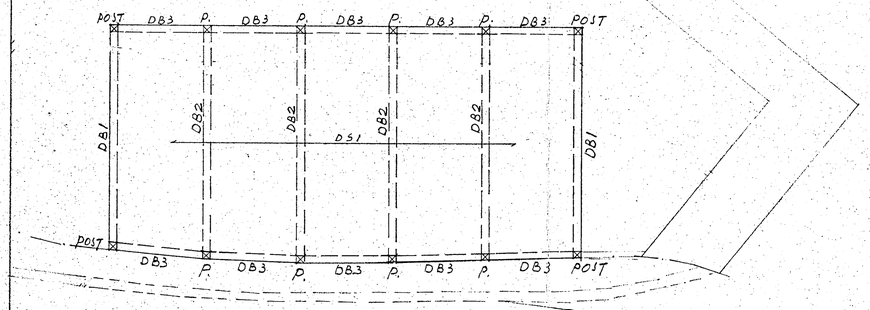
RECEIVED BY
14 APR 1960
BUILDING ORDINANCE OFFICE
P. W. D.

Approved
[signature]
for Director of Public Works
PRO BUILDING AUTHORITY
15 JUN 1960

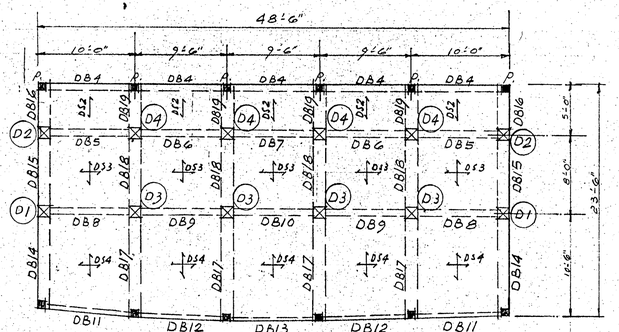
興業建築師	JOB NO. 80706 S.A. COMBLET RD. H.K.	DRG. NEW BLDG. ON I.L. 2387 DRAWING NO. R-1
	DETAILS OF RETAINING WALL	
	Designed by	HSIN-YIEH ARCHITECTS & ASSOCIATES HONGKONG
	Drawn by	
	Checked by	Scale: DP
	Approved by	Date:

11 APR 1960

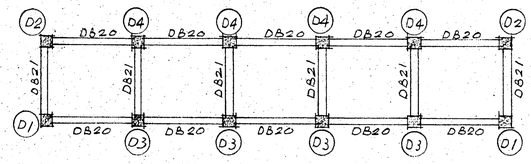
B. G. O. REF. NO. 3/2323/58



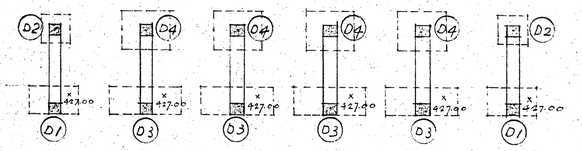
ROOF PLAN



DECK PLAN



TIE BEAM PLAN AT P.D. LEV. +449.56 & 435.00

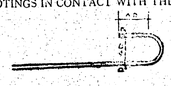


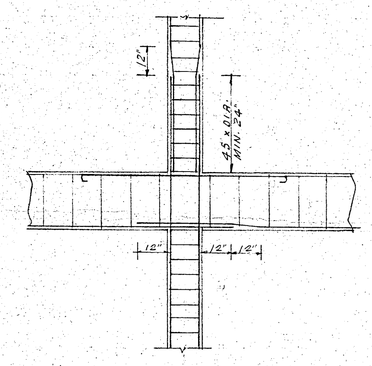
FOUNDATION PLAN ON P.D. LEV. +427.00

NOTE : ALL LEVEL OF FOOTINGS TO BE VERIFIED ON SITE

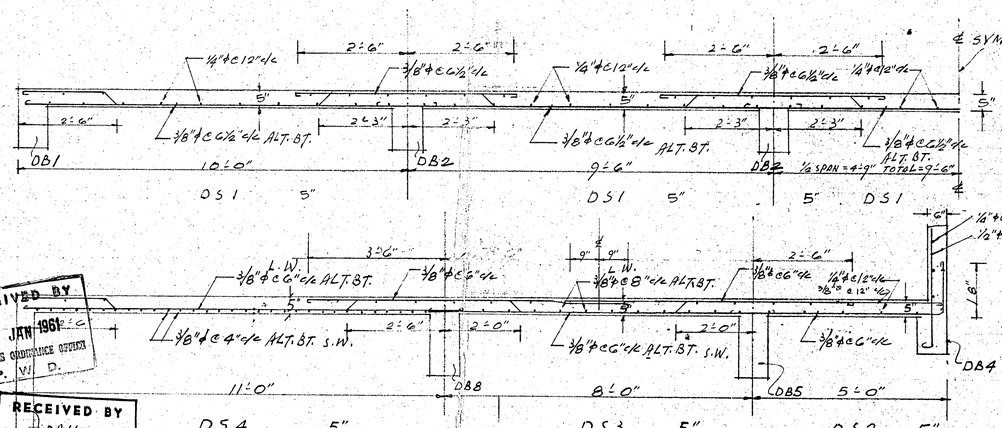
NOTES

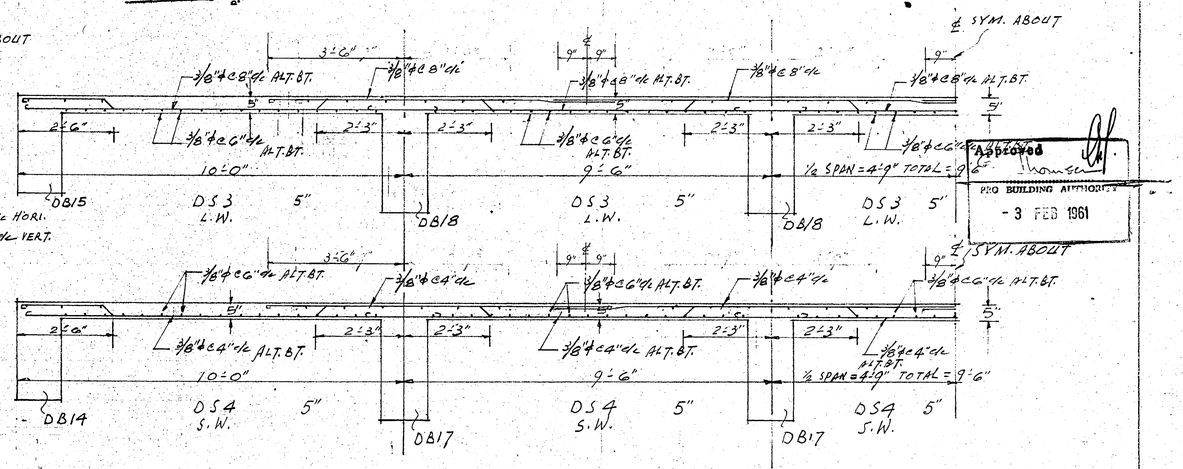
1. ALL R. C. C. WORKS TO BE OF 1:2:4 MIXTURE EXCEPT NOTED.
2. CONCRETE PROTECTION
   A. FOR 1 HOURS F. R. P.
      SLABS & PANEL WALLS - ¾" MINIMUM & NOT LESS THAN THE DIA. OF THE BAR.
      BEAMS - 1" MINIMUM FOR MAIN BARS & NOT LESS THAN THE DIA. OF THE BAR; ½" FOR BINDERS; 2" END COVER FOR MAIN BARS.
      COLUMNS - 1½" MINIMUM FOR MAIN BARS & NOT LESS THAN THE DIA. OF THE BAR; ½" FOR BINDERS.
      PILES - 1½" MINIMUM FOR MAIN BARS.
      LIQUID CONTAINERS - 1" & NOT LESS THAN THE DIA. OF THE BAR
      RETAINING WALLS - 3/4" & NOT LESS THAN THE DIA. OF THE BAR
      FOUNDATIONS (INCLUDING FOUNDATION BEAMS) 2½" WHERE THE CONCRETE IS IN CONTACT WITH THE EARTH.
      THE MIN. PROTECTIONS OF PANEL WALLS, BEAMS & COLUMNS SPECIFIED ABOVE SHOULD BE INCREASED ½" WHERE REINFORCED CONCRETE IS EXPOSED TO THE WEATHER.
      THE MIN. PROTECTION OF BEAMS AND COLS. IN CONTACT WITH THE GROUND SHOULD BE 2".
   B. FOR ½ HOURS F. R. P. THE MIN. PROTECTION OF THE BEAMS & SLABS SHOULD BE 2".
3. CONSTRUCTION JOINTS.
   THE JOINT IN A BEAM SHALL BE VERTICAL & AT THE MIDDLE OF THE SPAN. THE JOINT IN A SLAB SHALL BE VERTICAL & // TO THE PRINCIPAL REINFORCEMENT.
4. MINIMUM LAP LENGTH FOR TENSION BARS TO BE 45D WHEN THE TENSILE STRESS IS 1800 POUNDS PER SQUARE INCH. MINIMUM LAP LENGTH FOR COMPRESSION BARS TO BE 24D.
5. ALL R. C. FOOTINGS SHOULD BE CARRIED DOWN TO SOLID GROUND OR RUN ON PILES.
6. ONE LAYER OF 3" IN 1:3:6 CEM. CONC. BLINDING COURSE SHOULD BE PROVIDED UNDER THE BEAMS & FOOTINGS IN CONTACT WITH THE GROUND.
7. HOOKS AT END OF BARS :-





COL. JOINT & LAPPING OF BOTTOM BARS OF BEAM AT INTERIOR SUPPORT





KEY PLAN, TYPICAL DETAIL, GENERAL NOTES, DS1, DS2, DS3, DS4

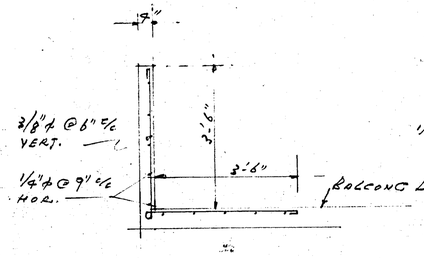
AMENDED PLANS 0 NOV 1960

JOB NO. 560906	I. L. 2387 SEC. A CONDUIT ROAD H. K. — DRAWING NO. 1
	CAR PARK
Designed by	HSIN-YIEH ARCHITECTS & ASSOCIATES 1103-1105 WING ON LIFE BLDG. HONGKONG
Drawn by	
Checked by	Scale: 3/8" = 1'-0"
Approved by	Date: LONDON, 1960

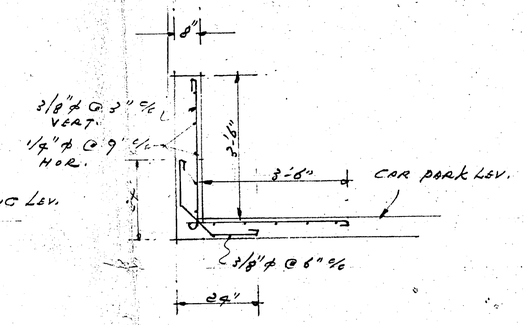
RECEIVED BY
14 JAN 1961
BUILDINGS ORDINANCE OFFICE
P. W. D.

RECEIVED BY
DB11
-6 DEC 1960
BUILDINGS ORDINANCE OFFICE
P. W. D.

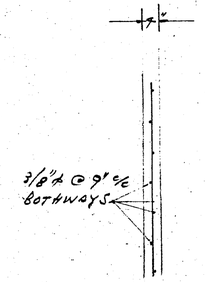
Approved
PRO BUILDING AUTHORITY
- 3 FEB 1961



TYPICAL RAILING.



RAILING FOR CAR PARK.



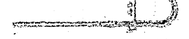
DETAIL OF 7" R.C.C. WALL.

NO FINISHES.
1. ALL R.C.C. WORKS TO BE OF 1:1:2:4 MIXTURE EXCEPT NOTED.
2. CONCRETE PROTECTION
   A. FOR 1 HOUR F.R.P.
      BEAMS & PANEL WALLS-1" MINIMUM & NOT LESS THAN THE DIA. OF THE BAR.
      BEAMS-1" MINIMUM FOR MAIN BARS & NOT LESS THAN THE DIA. OF THE BAR-1" FOR BINDERS-2" END COVER FOR MAIN BARS.
      COLUMNS-1" MINIMUM FOR MAIN BARS & NOT LESS THAN THE DIA. OF THE BAR-1" FOR BINDERS.

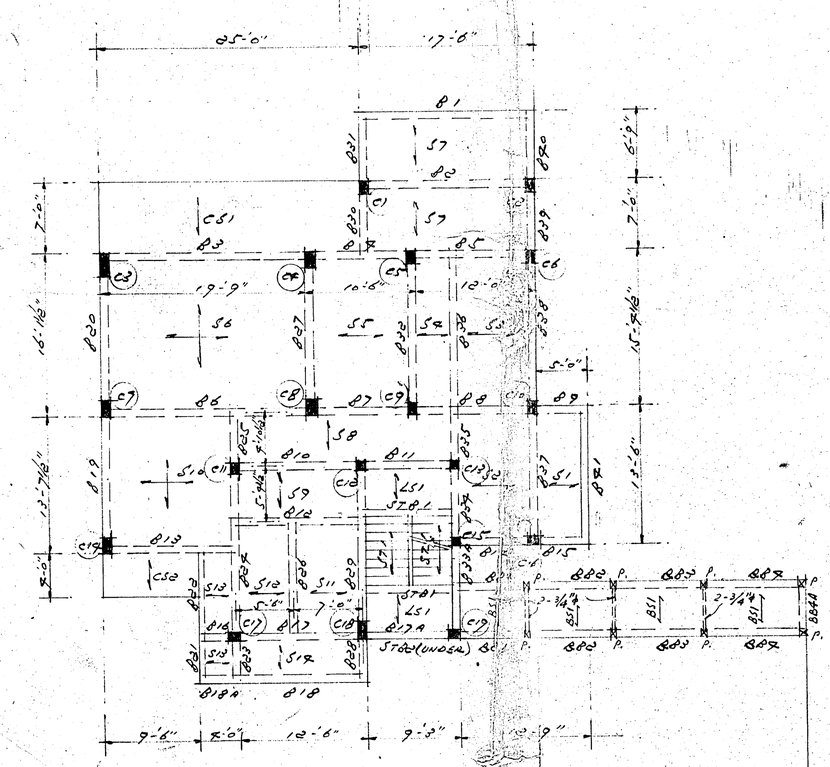
~~PILES-1" MINIMUM FOR MAIN BARS~~
LIQUID CONTAINERS-1" & NOT LESS THAN THE DIA. OF THE BAR.
RETAINING WALLS-3/4" AND NOT LESS THAN THE DIA. OF THE BAR.
FOUNDATIONS(INCLUDING FOUNDATION BEAMS)-3" WHERE THE CONCRETE IS IN CONTACT WITH THE EARTH.
THE MIN. PROTECTIONS OF PANEL WALLS BEAMS & COLUMNS SPECIFIED ABOVE SHOULD BE INCREASED ½" WHERE REINFORCED CONCRETE IS EXPOSED TO THE WEATHER.
THE MIN. PROTECTION OF BEAMS IN CONTACT WITH THE GROUND SHOULD BE 2".
B. FOR 2 HOURS F.R.P. ... TATION OF THE BEAMS & COLUMNS SHOULD BE 2".

BUILDINGS ORDINANCE OFFICE
REF. NO. 3/2323/58

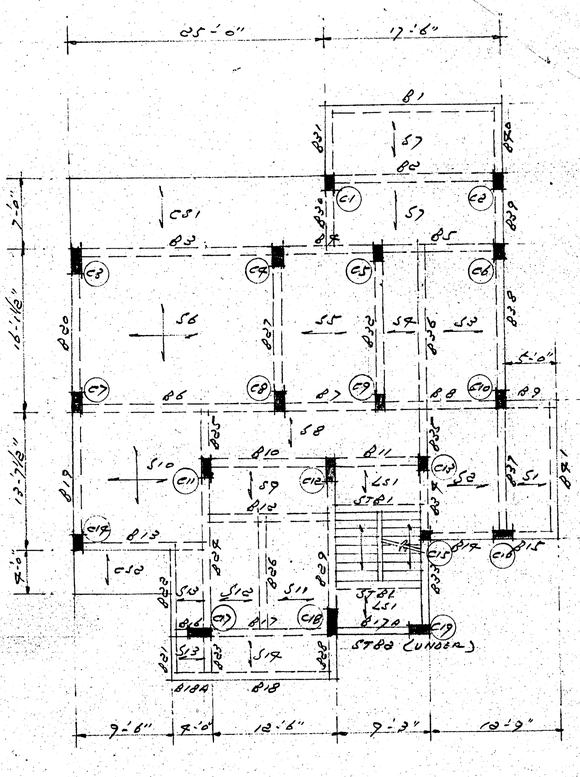
... THE JOINT IN A BEAM SHALL BE VERTICAL & AT THE ... OF THE SPAN. THE JOINT IN A SLAB SHALL BE ... TO THE PRINCIPAL REINFORCEMENT.
... FOR TENSION BARS TO BE 45D WHEN ... STRESS IS 12500 POUNDS PER SQUARE INCH.
MINIMUM LAP LENGTH FOR COMPRESSION BARS TO BE 24D
THE MINIMUM LENGTH OF THE BAR EMBEDDED IN THE SUPPORT SHALL BE 12 TIMES THE MAXIMUM DIA. OF REINFORCEMENT IN A BEAM
ALL R.C.C. FOOTINGS SHOULD BE CARRIED DOWN TO SOLID GROUND
A LAYER OF 3" IN 1:3:6 CEM. CONC. BLINDING COURSE SHOULD BE PROVIDED UNDER THE BEAMS & FOOTING IN CONTACT WITH THE GROUND.
HOOKS AT END OF BARS.



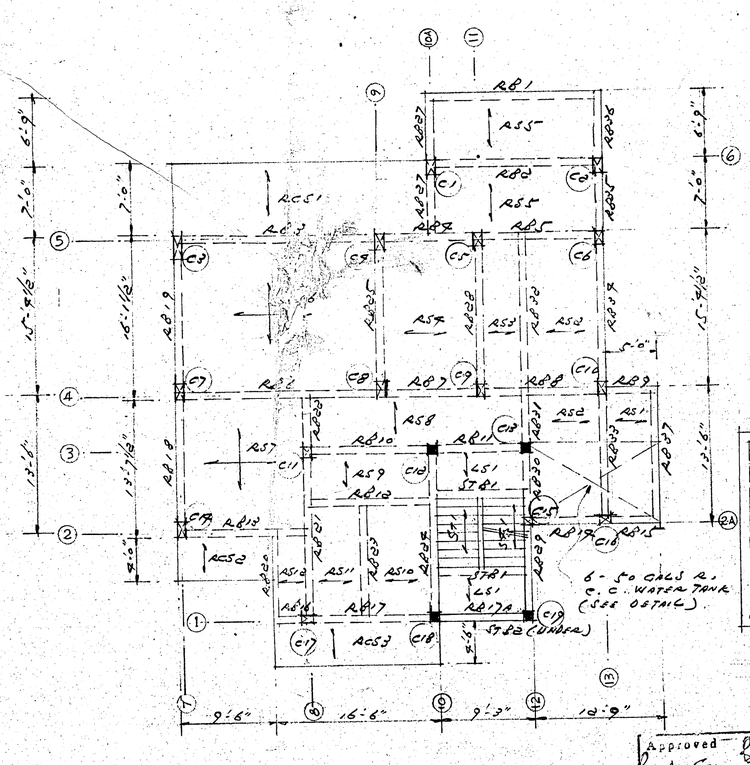
9. CALCULATION & DETAILS OF CAR PARK TO BE SUBMITTED LATER.



3 RD FL. FRAMING PLAN



1ST & 7TH FL. FRAMING PLAN.



BUILDINGS ORDINANCE OFFICE
REF. NO. 23227

BOUNDARY LINE

BOUNDARY LINE

72'-8"

19'-9" 5'-3" 17'-6"

BOTTOM LINE OF EXIST. RETAINING WALL

TOP LINE OF EXIST. RETAINING WALL

Ex. RETAINING WALL.

Ex. RETAINING WALL

Ex. RETAINING WALL BASE LINE

BOUNDARY LINE

7'-6" 9'-6" 16'-6" 9'-3" 12'-9"

C.D. FL. FRAMING PLAN.

SEC. 1-1

2ND FL. FRAMING PLAN.

STUDS UNDER P.

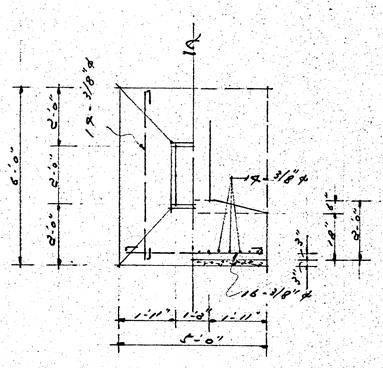
CALCULATION & DETAILS OF CAR PARK TO BE SUBMITTED LATER

RECEIVED BY
21 MAR 1960
BUILDINGS ORDINANCE OFFICE
P. W. D.

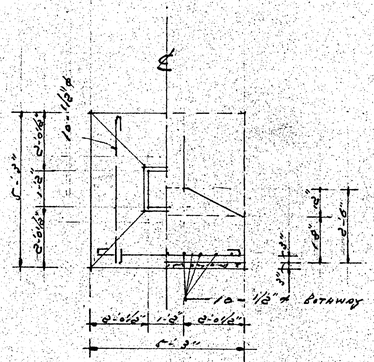
Approved
R. A. C.
PRO BUILDING AUTHORITY
29 MAR 1960

JOB NO. 560906	PRO. NEW BLDG. ON I.L. 2387 S.A. CONDUIT RD. H.K.	DRAWING NO. E 2
R.C. DETAILS		
Designed by	HSIN-YIEH ARCHITECTS & ASSOCIATES 1101-1103 WING ON LIFE BLDG. HONGKONG	
Drawn by		
Checked by	Scale: 1/8"=1'-0"	
Approved by	Date 21 MAR 1960	

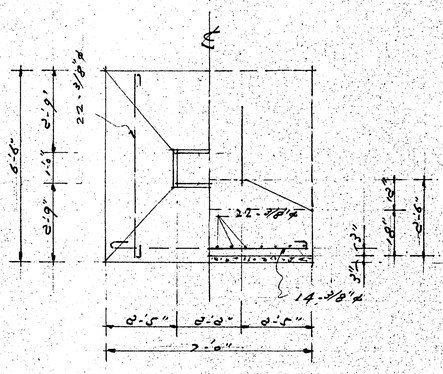
興業建築師



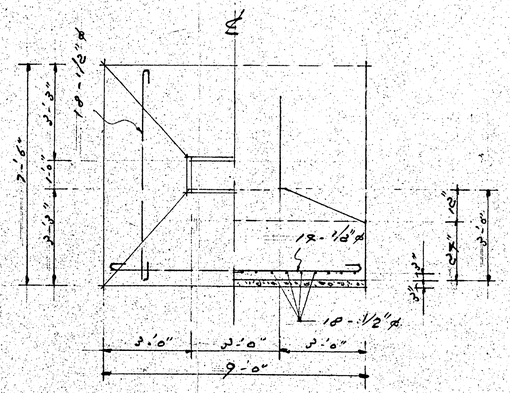
FOOTING FOR C1R



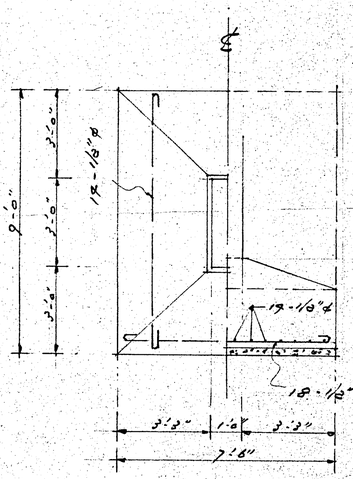
FOOTING FOR C1S



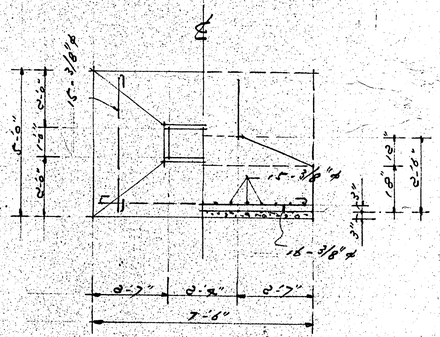
FOOTING FOR C1G



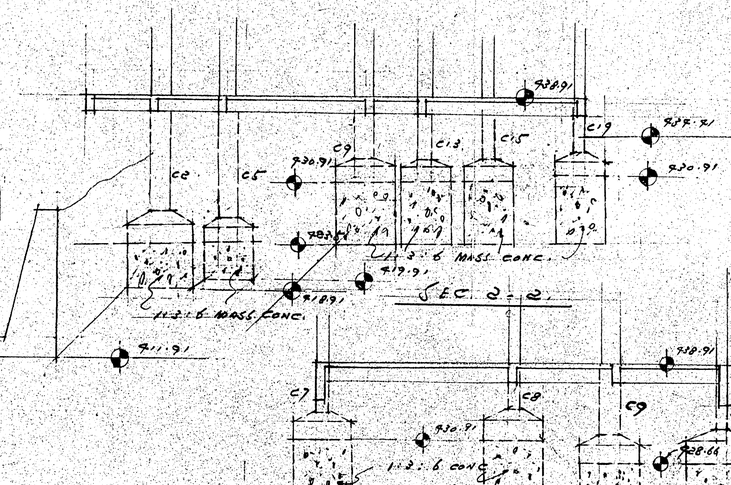
FOOTING FOR C1J

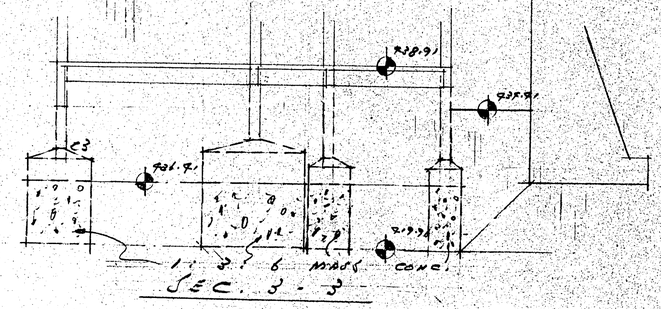


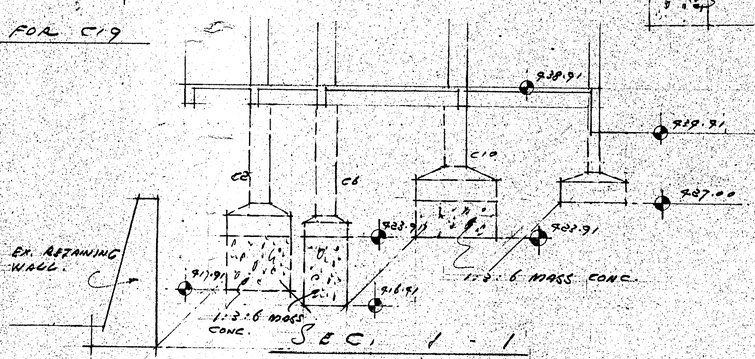
FOOTING FOR C1R



FOOTING FOR C1S







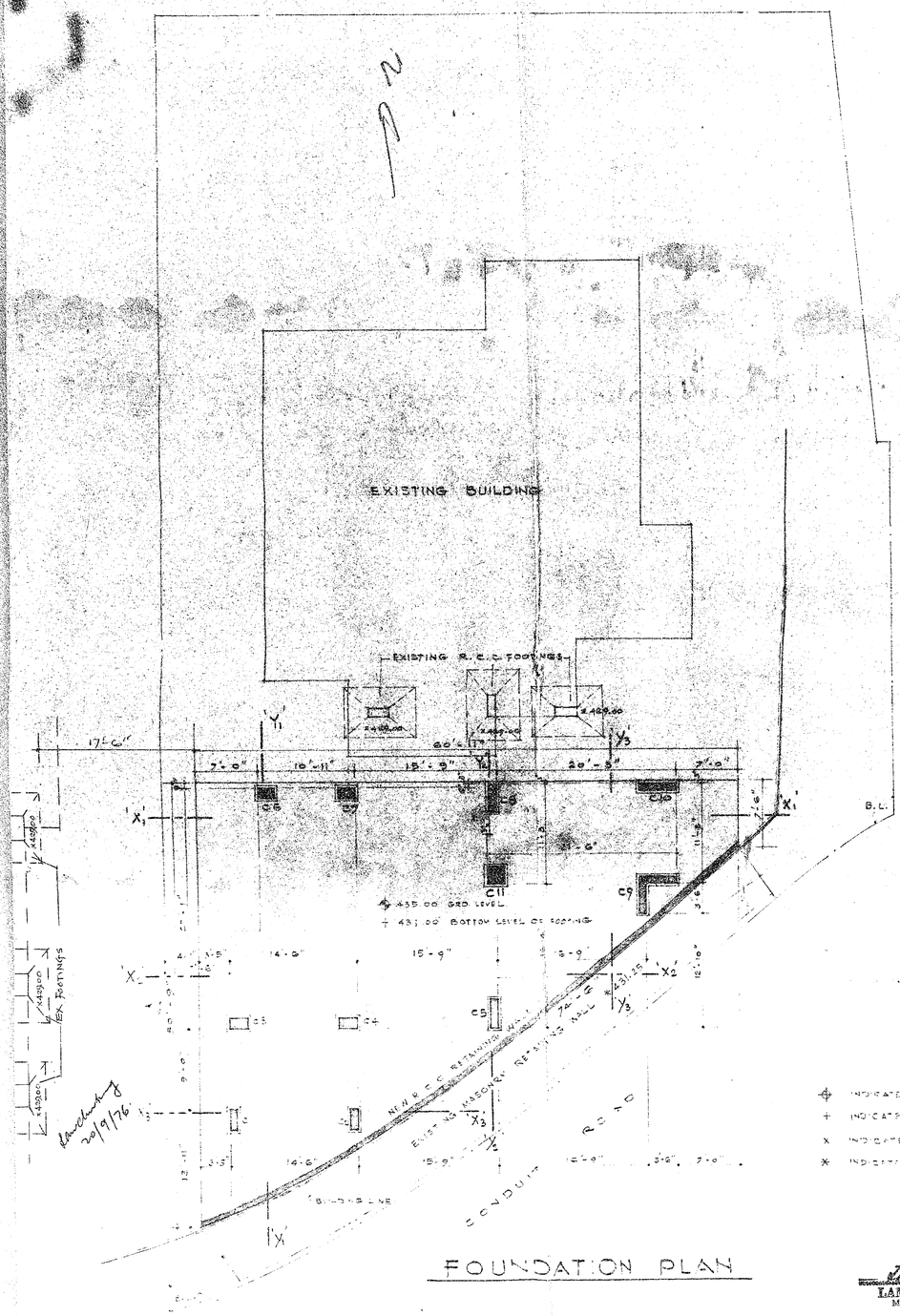
Approved
R. A. C. Brown
PRO BUILDING AUTHORITY
29 MAR 1960

RECEIVED BY
21 MAR 1960
BUILDINGS ORDINANCE OFFICE

FOOTINGS FOR C1R, C1S, C16, C17, C18 & C19.

興業建築師	JOB NO. 560906	PRO. NEW BLDG. ON A.L. 2387 S.A. CONDUIT RD. H.K.	DRAWING NO. E 23/28
	R.C.C. DETAILS		
	Designed by	HSIN-YIEH ARCHITECTS & ASSOCIATES 1101-1105 WING ON LIFE BLDG. HONGKONG	
	Drawn by		
	Checked by	Scale: 1/8"=1'-0"	
	Approved by	Date	

B.O.O. REF. No 3/2196/70.



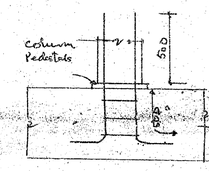
FOUNDATION PLAN

NOTE:-

1. THE R.C.C. FOOTING TO BE 1:2:4 MIX. (GRADE A).
2. ALL PEDESTALS ON FOOTING TO BE 1:1:2 MIX. (GRADE A)
3. REINFORCEMENT TO BE OF MILD STEEL COMPLYING WITH B.S.S. 785.
4. COVER TO MAIN BAR TO BE 2" THICK.
5. 3" CEM. CONC. BLINDING LAYER (1:3:6 MIX.) TO BE PROVIDED BENEATH FOOTING.
6. SOIL BEARING CAPACITY TAKEN IN DESIGN NOT TO EXCEED 3TONS/SQ. FT.
7. ALL CEMENT CONCRETE TO BE BATCHED BY WEIGHT:

MIX.	CEMENT	SAND	COARSE AGGREGATE
1:2:4 A	100 LB.	170 LB.	430 LB.
1:1:2 A	200 LB.	170 LB.	430 LB.

typical detail for dowel Bar



Typical detail for column bars. 24/9/76

+ INDICATES BOTTOM LEVEL OF PROPOSED FOOTING
× INDICATES BOTTOM LEVEL OF EXISTING FOOTING
⊕ INDICATES GROUND LEVEL
✳ INDICATES BOTTOM LEVEL OF EX. RETAINING WALL

LOADING SCHEDULE

COLUMN MARK	COLUMN SIZE (INCHES)	D.L. (KIP)	L.L. (KIP)	T.L. (KIP)	WIND LOAD (KIP) X-X	WIND LOAD (KIP) Y-Y	WIND SHEAR (KIP) X-X	WIND SHEAR (KIP) Y-Y
C1	12 x 30	188	30	218	± 137	∓ 73	17.7	12.1
C2	12 x 30	205	54	259	∓ 137	∓ 144	17.7	22.7
C3	24 x 16	188	35	223	± 101	± 68	16.1	3.7
C4	24 x 16	334	97	431	∓ 65	± 134	16.1	7.0
C5	12 x 39	250	58	308	∓ 36	∓ 75	4.6	19.0
C6	24 x 14	145	27	172	± 30	± 22	4.0	11.4
C7	24 x 14	274	53	327	± 26	± 10	4.0	3.0
C8	12 x 39	305	45	350	∓ 77	±118	1.5	19.0
C9	[illegible]	430	77	507	∓ 120	∓ 140	38.0	31.0
C10	51 x 9	270	48	318	∓ 83	±140	27.0	1.0
C11	24 x 24	285	70	355	± 120	∓ 43	11.0	1.0

Approved
24 SEP 1976

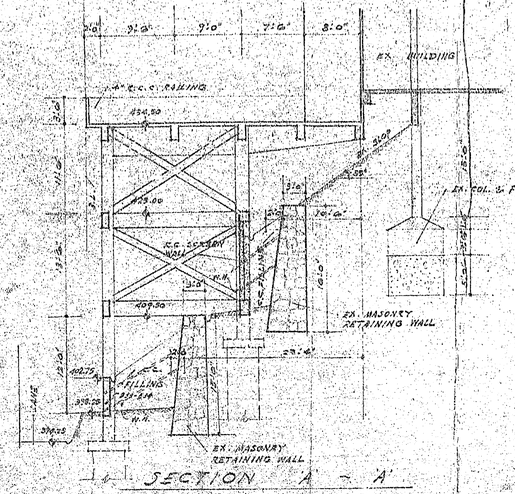
NOTE: As these plans have been examined only as required in Circular Letter No. 64, your particular attention is drawn to Section 4 (3) (b) of the Building Ordinance regarding your duty as Authorised Person and to Section 14 (2) (c) regarding possible contraventions of any provision of the Buildings Ordinance.

Lam Chuen Rong
LAM CHUEN RONG
M. SC. (LEEDS), C. ENG.,
M. I. STRUCT. E.,
CHARTERED STRUCTURAL ENGINEER

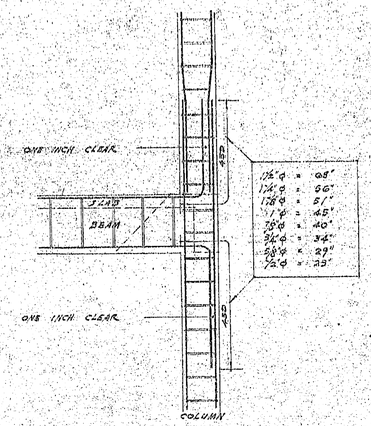
WALLACE CHIU
B. ARCH., A.R.I.B.A.
CHARTERED ARCHITECT

26 AUG 1976

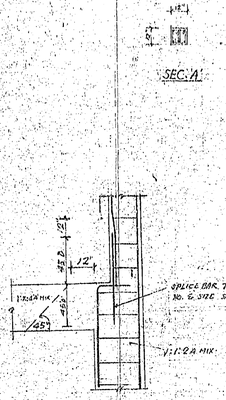
FOUNDATION PLAN		PROPOSED ALTERATIONS & ADDITIONS I. L. 2378 S.A R.P. - 64 CONDUIT ROAD
DATE	SCALE 8 FT. = 1 IN.	WALLACE CHIU & ASSOCIATES ARCHITECTS & ENGINEERS RMS. 606-607 YIP KUNG BUILDING 2-18, D'AGUILAR STREET, HONG KONG
DRAWN BY [illegible]	CHECKED BY CK LAM	1 / CF2



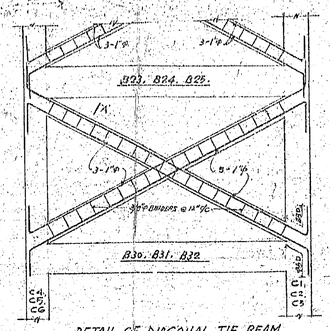
SECTION A - A'



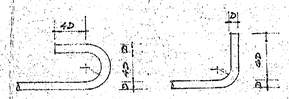
DETAIL SHOWING THE HORIZONTAL DISTANCE BETWEEN VERTICAL LAYER OF BEAM STEEL AND COLUMN STEEL



DETAIL FOR COL. & BEAM JUNCTION.

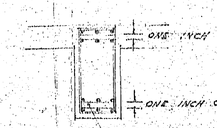


DETAIL OF DIAGONAL TIE BEAM.
(SCALE: 1/2" = 1'-0")



DETAIL OF STANDARD HOOK

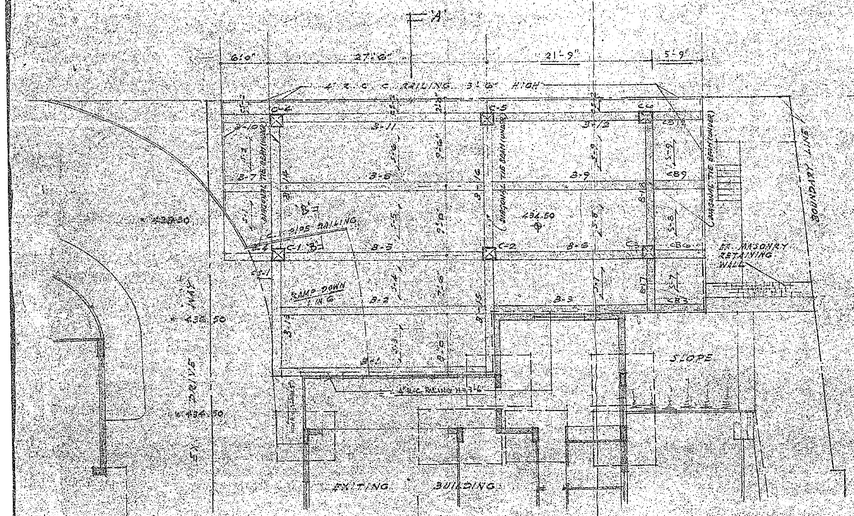
B.S.0. REF. NO. 3/2196/70



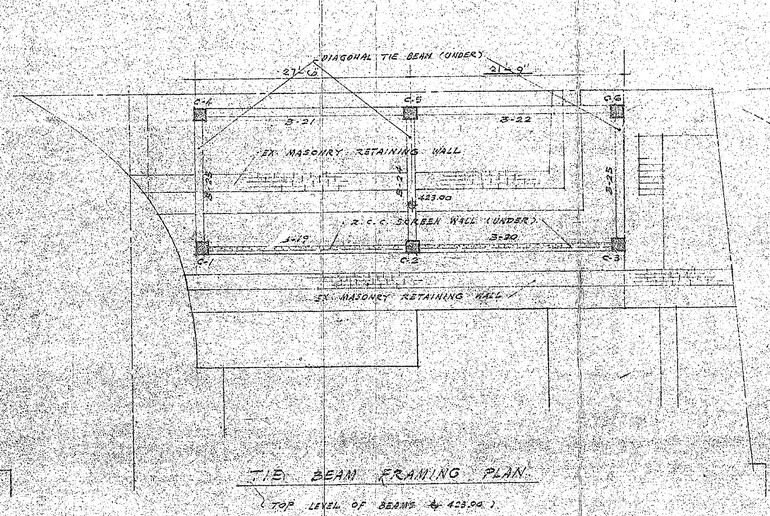
DETAIL SHOWING THE VERTICAL DISTANCE BETWEEN HORIZONTAL LAYER OF BAR IN BEAM

NOTES

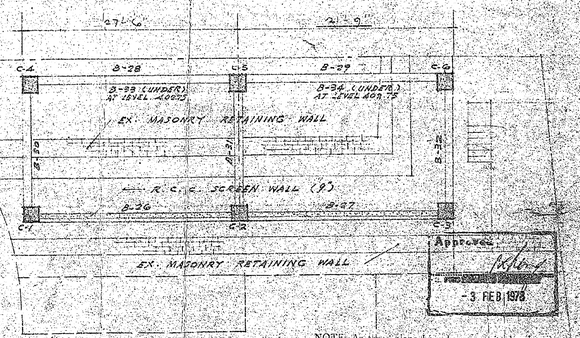
1. ALL R.C.C. SLABS & BEAM TO BE 1:2:4A MIX. AND BATCH BY WEIGHT.
2. ALL R.C.C. COLUMNS TO BE 1:1:2A MIX. AND BATCH BY WEIGHT.
3. REINFORCEMENT TO BE OF MILD STEEL COMPLYING WITH B.S.S. 785
4. SIZE OF COARSE AGGREGATE = 3/4"
5. COVER TO STEEL BAR:
   SLAB = ½"
   BEAM = 1" OR DIAMETER OF BAR WHICHEVER IS THE GREATER.
   COLUMN = 1½"
   BEAM & COLUMN = 2" (CONTACT WITH SOIL)



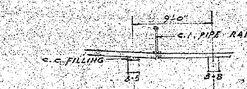
GROUND FLOOR FRAMING PLAN



TIE BEAM FRAMING PLAN
(TOP LEVEL OF BEAMS @ 429.00)



TIE BEAM FRAMING PLAN
(BOTTOM LEVEL OF BEAMS @ 429.50)



SECTION B - B

Approved
- 3 FEB 1978

NOTE: As these plans have been examined only as outlined in Circular Letter No. 64, your particular attention is drawn to Section 4 (3) (b) of the Buildings Ordinance regarding your duty as Authorised Persons and to Section 14 (3) (c) regarding possible contraventions of any provision of the Buildings Ordinance.

PREPARED UNDER THE SUPERVISION OF THE UNDERSIGNED
CHAN CHAI KEUNG
B.E.M.E. (HONT.) M.I.C.E.
AUTHORIZED PERSON
- 6 JAN 1978

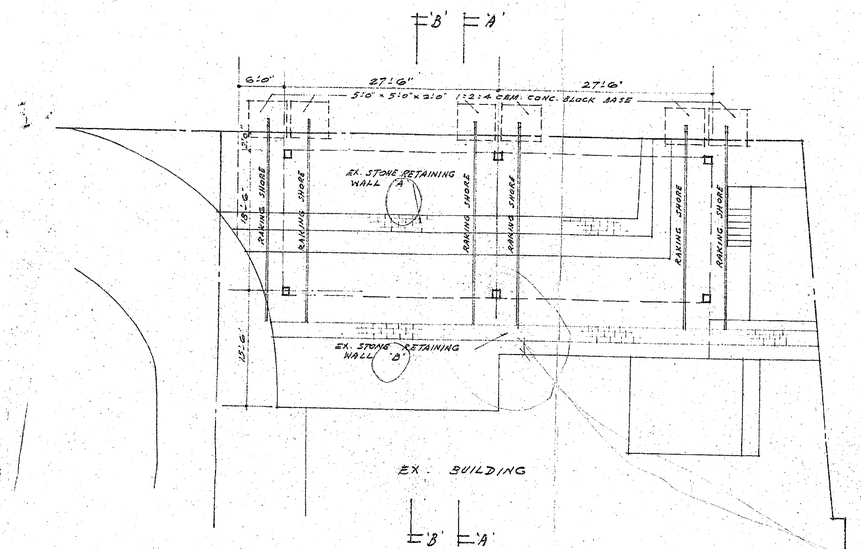
WALLACE CHIU & ASSOCIATES
ARCHITECTS & ENGINEERS
CHARTERED ARCHITECTS

AMENDED PLAN

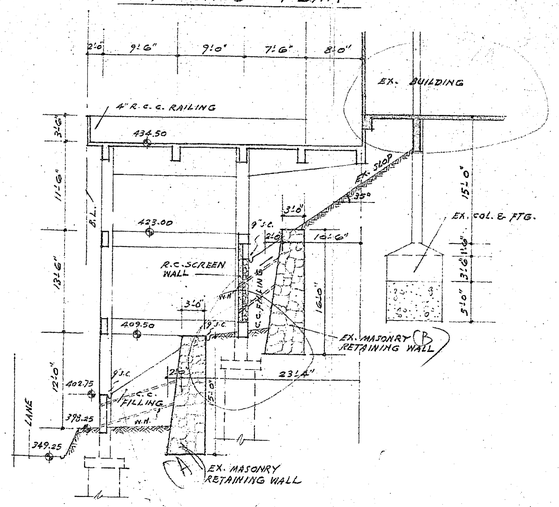
RECEIVED BY
JAN 9 10 44 '78
BUILDINGS

DATE: 8-1-1973	PROPOSED ALTERATIONS & ADDITIONS
JOB NO.	I. L. 2387 S. A. R. P.
REVISIONS	SITE: NO. 64 CONDUIT ROAD (H.K.)
	DRAWING: FRAMING PLAN, SECTION TYPICAL DETAIL & NOTES
SCALE: 1/8" = 1'-0"	WALLACE CHIU & ASSOCIATES ARCHITECTS & ENGINEERS
DRAWN BY: [illegible]	DWG. NO. 1/ST5
CHECKED BY: [illegible]	

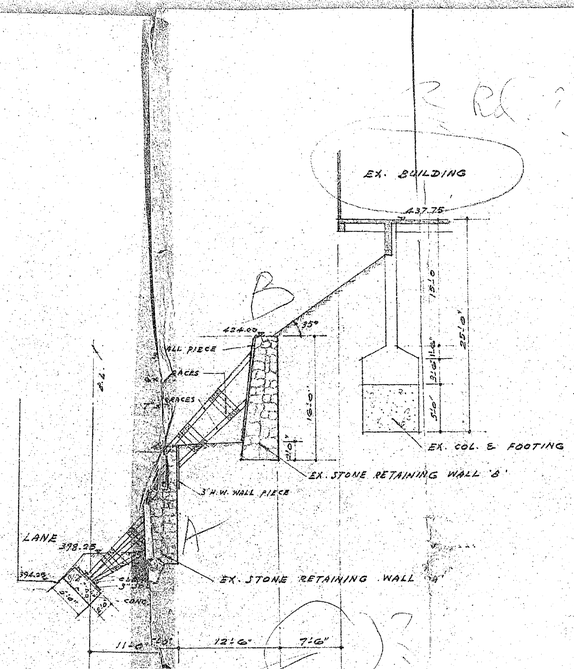
B.O.O. REF. NO. 3/2196/70



SHORING PLAN



SECTION 'B' - 'B'
STAGE 2, 3, 4 & 5



SECTION 'A' - 'A'
STAGE 1

WORKING PROCETURE

STAGE 1 : TO PROP THE EXISTING STONE WALLS AS DIRECTED BY ARCHITECT.
STAGE 2 : EXIST. SLOPES & STONE RETAINING WALLS REMAIN IN POSITIONS AND TO ERECT R.C.C. CAISSONS.
STAGE 3 : TO CONSTRUCT R.C.C. FRAME.
STAGE 4 : TO FORM SLOPES.
STAGE 5 : TO PROTECT THE SLOPE WITH CHU HAM PLASTER AND MAKE 3" S.C..

NOTE: As these slopes have been examined with reference to the guidelines laid down in Geoguide 1 and Geoguide 2 published by the Geotechnical Control Office, attention is drawn to Section 4 (3) (c) of the Buildings (Amendment) Ordinance 1972 relating to the duties of Authorised Persons and to Section 9A (2) (c) relating to the duties of the Registered Structural Engineer.

Approved
PRO BUILDING AUTHORITY
16 JUN 1973

RECEIVED BY
Jun 16 2 14 PM '73
BUILDINGS ORDINANCE OFFICE, H. K. G.

WALLACE CHIU
B. Arch., F.R.I.B.A., F.H.K.I.A.
CHARTERED ARCHITECT

TSANG YUK KIU
B.Sc. (ENG.), C. ENG., M. I. STRUCT. E, AM. ASCE,
CHARTERED STRUCTURAL ENGINEER

15/1/73

DATE 8-1-1973	PROPOSED ALTERATIONS & ADDITIONS
JOB NO.	
REVISIONS	I. L. 2387 S. A. R. P.
	SITE NO. 64 CONDUIT ROAD (H.K.)
	DRAWING WORKING PROCEDURE TO STABUIZE THE SLOPES AT THE REAR PORTION
SCALE 1/8" = 1'-0"	WALLACE CHIU & ASSOCIATES ARCHITECTS & ENGINEERS ROOM 1101-1102 LANSING HOUSE 41-47 QUEEN'S ROAD, C. HONG KONG.
DRAWN BY W.S.L.	DWG. NO. 2/SH 2
CHECKED BY	

B.O.O. REF. NO. 3/2196/75

EX. BUILDING

77'-0"

47'-10"

61'-0"

147'-10"

EX. MASONRY RETAINING WALL

102'-4" (ON CURVE)

BLDG. LINE OVER

LOWEST GROUND FL. FRAMING PLAN

RECEIVED BY

FEB 3 11 02 AM '77

BUILDINGS ORDINANCE OFFICE, H.K.G.

EX. BUILDING

— LIFT PIT

NEW BLDG LINE

EX. MASONRY RETAINING WALL

TIE BEAM FRAMING PLAN

(AT LEVEL 448.25)

WALLACE CHIU
B. ARCH., A.R.I.B.A.
CHARTERED ARCHITECT

LAM CHUEN KONG
M. SC. (LEEDS) C. ENG.,
M. I. STRUCT. E.,
CHARTERED STRUCTURAL ENGINEER

13'-0"

EX. MASONRY RETAINING WALL

BASEMENT FRAMING PLAN
(MACHINE ROOM)

EX. BUILDING

EX. MASONRY RET. WALL

APPROVED R.C.C. RETAINING WALL TO BE OMITTED AND EX. MASONRY RETAINING WALL TO REMAIN

LOWER GROUND FL. FRAMING PLAN

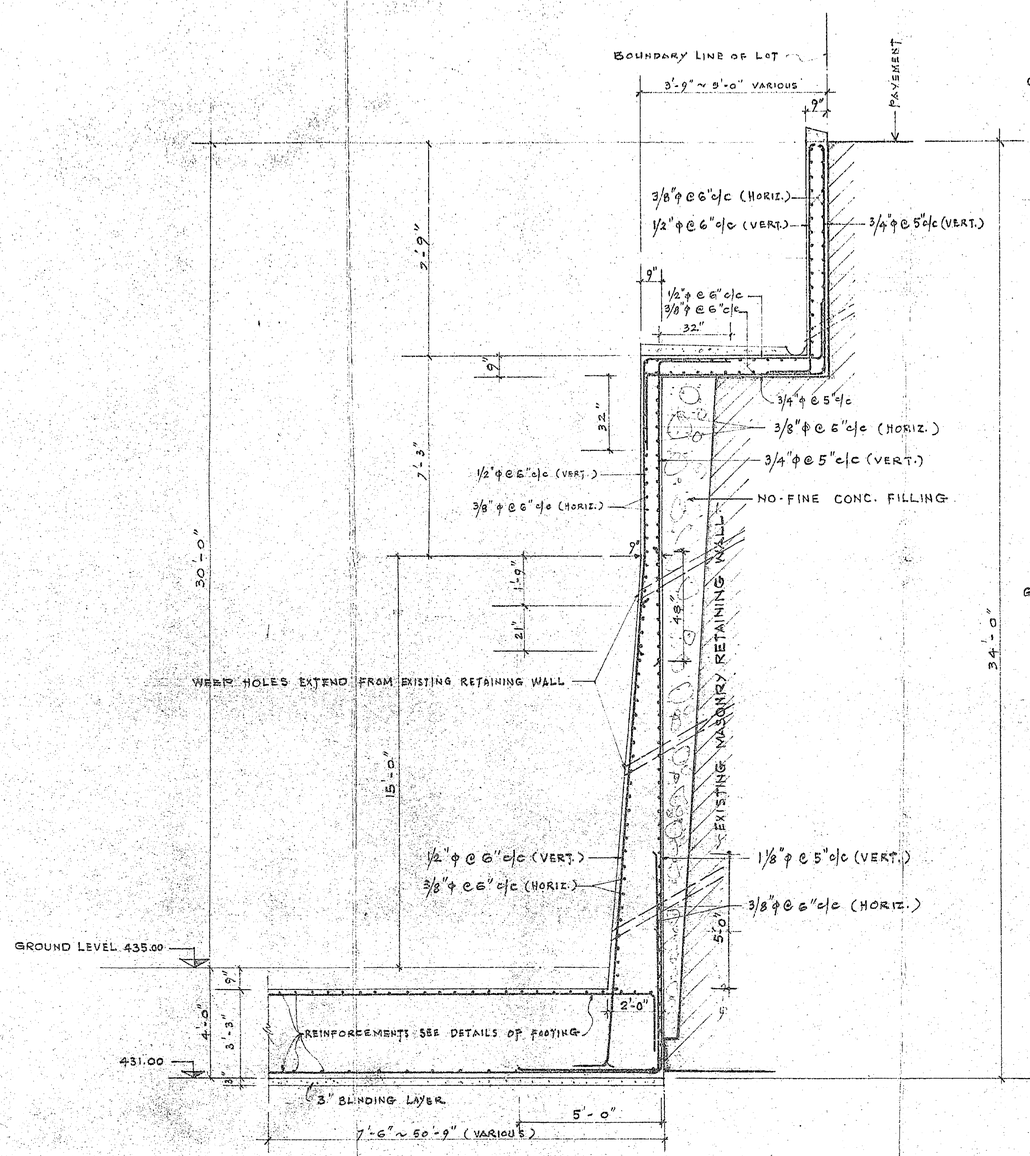
Approved
FOR BUILDING AUTHORITY
- 3 MAR 1977

NOTE: As these plans have been examined only as outlined in Circular Letter No. 64, your particular attention is drawn to Section 4 (3) (b) of the Building Ordinance regarding your duty as Authorised Person and to Section 14 (2) (c) regarding possible contraventions of any provision of the Building Ordinance.

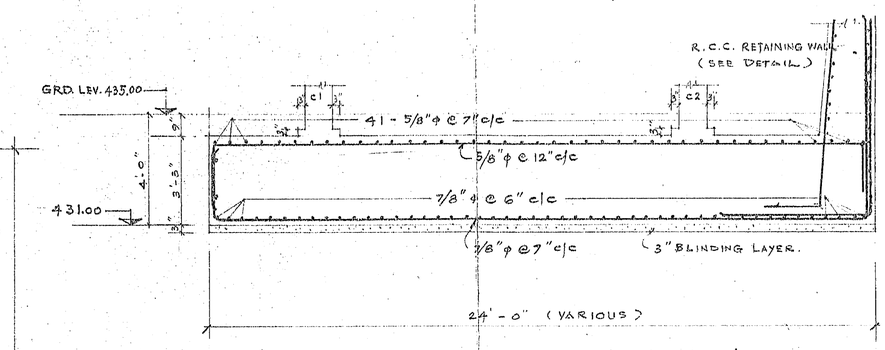
31 JAN 1977

DRAWING: FRAMING PLAN		SITE: PROPOSED ALTERATIONS & ADDITIONS I.L. 2387 S.A.R.P. NO. 64 CONDUIT RD.
DATE: 16-8-71	SCALE: 1/8"=1'-0"	DWG. NO. 2 ST21
DRAWN BY: H.F. Lui	CHECKED BY:	WALLACE CHIU & ASSOCIATES ARCHITECTS & ENGINEERS ROOM 3, 4-47 PHONE NO.

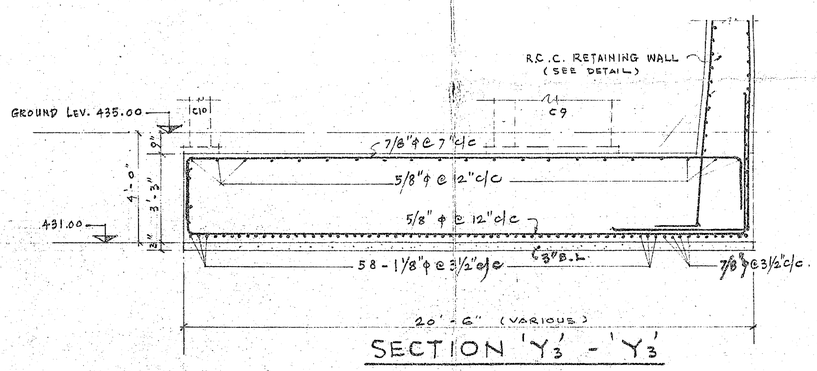
B.O.O. REF. Nº 3/2196/70



DETAIL OF R.C.C. RETAINING WALL



SECTION 'X3' - 'X3'



SECTION 'Y3' - 'Y3'

Approved
for
BUILDING AUTHORITY
24 SEP 1976

WALLACE CHIU
B ARCH., A.R.I.B.A.
CHARTERED ARCHITECT

LAM CHUEN KONG
M. SC. (LEEDS) C. ENG.,
M. I. STRUCT. E.,
CHARTERED STRUCTURAL ENGINEER

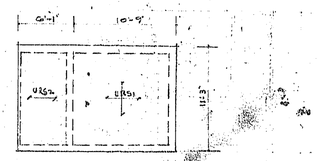
NOTE: As these plans have been examined only as outlined in Circular Letter No. 64, your particular attention is drawn to Section 4 (3) (b) of the Building Ordinance regarding your duty as Authorised Person and to Section 14 (2) (c) regarding possible contravention by any provision of the Building Ordinance.

26 AUG 1976

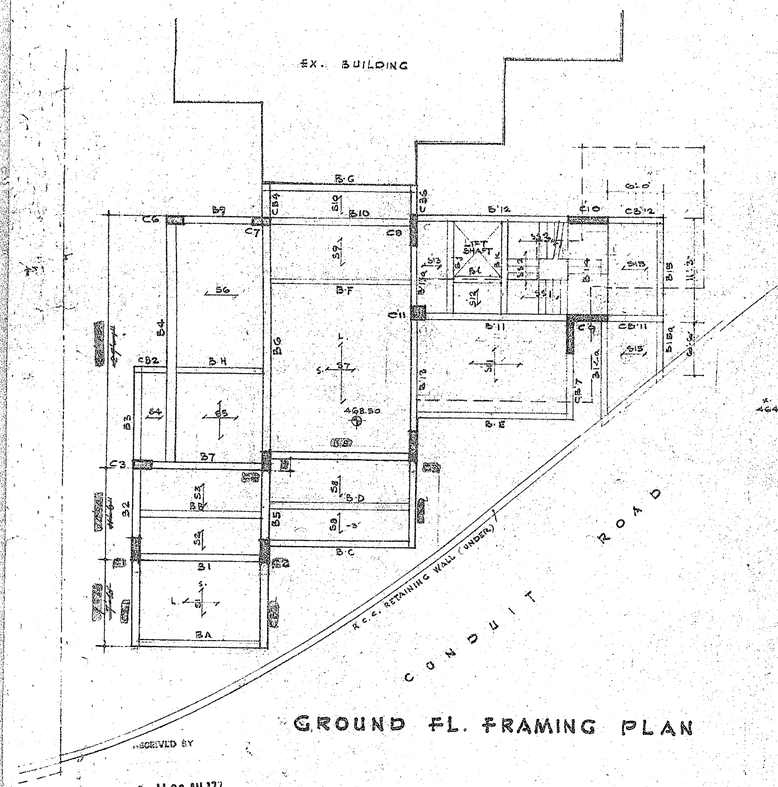
FOOTING DETAILS & RETAINING WALL DETAIL		PROPOSED ALTERATIONS & ADDITIONS I. L. 2378 S.A R.P. - 64 CONDUIT RD. H.K.
DATE	SCALE: 3/8" = 1'-0"	WALLACE CHIU & ASSOCIATES ARCHITECTS & ENGINEERS RMS. 605-607 WIP FUNG BUILDING 2-18. D'AGUILAR STREET. HONG KONG
DRAWN BY H. Law.	CHECKED BY C.K.Lam	3 / SP 3

Aug 27 09 07 '76
BUILDING ORDINANCE OFFICE W.D.

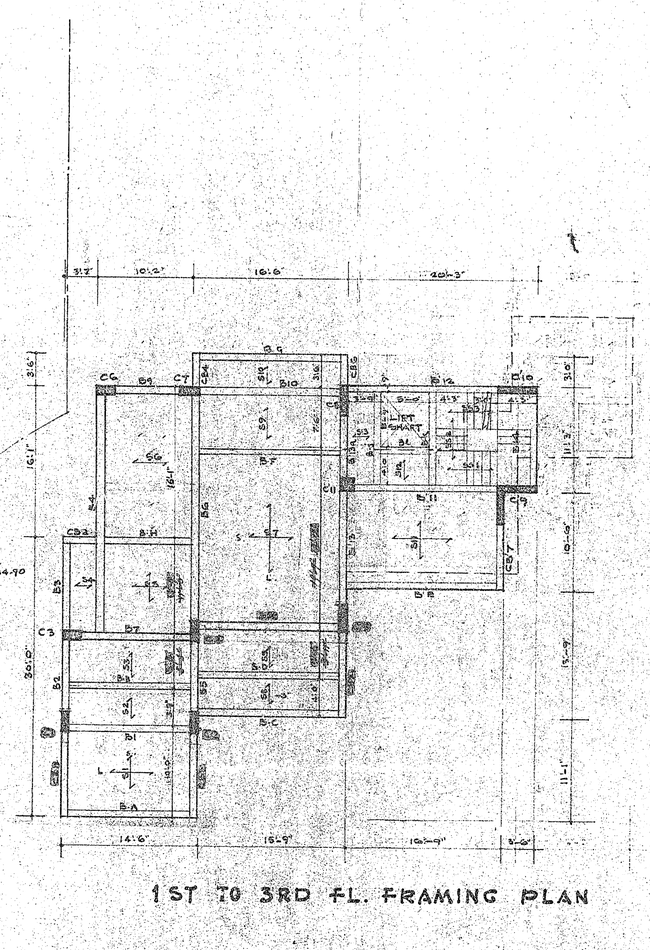
B.O.O. REF. NO. 3/2196/70



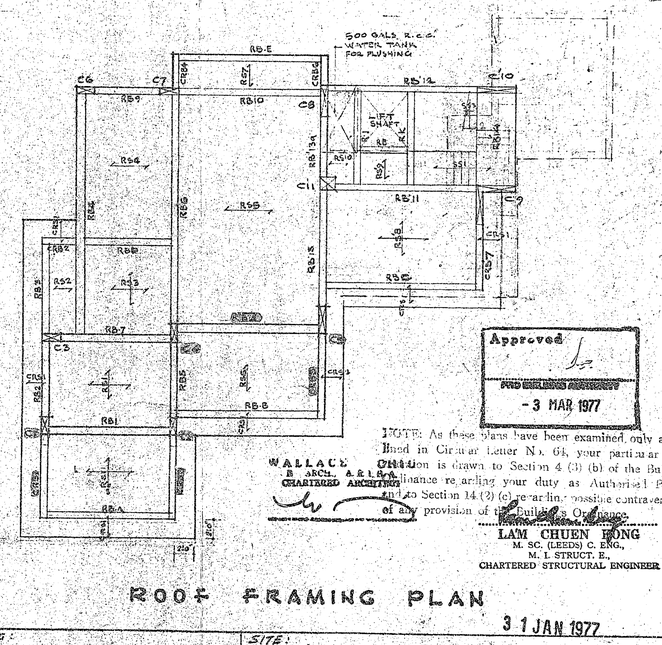
UPPER ROOF PLAN



GROUND FL. FRAMING PLAN



1ST TO 3RD FL. FRAMING PLAN



ROOF FRAMING PLAN

RECEIVED BY
FEB 3 11 02 AM '77
BUILDINGS ORDINANCE OFFICE, P.W.D.

Approved
- 3 MAR 1977

NOTE: As these plans have been examined only as outlined in Circular Letter No. 64, your particular attention is drawn to Section 4 (3) (b) of the Building Ordinance regarding your duty as Authorised Person and also to Section 14 (2) (c) regarding possible contraventions of any provision of the Building Ordinance.

WALLACE CHIU & ASSOCIATES
B. ARCH., A.R.I.B.A.
CHARTERED ARCHITECTS

LAM CHUEN HONG
M. SC. (LEEDS) C. ENG.,
M. I. STRUCT. E.,
CHARTERED STRUCTURAL ENGINEER

31 JAN 1977

DRAWING: FRAMING PLAN	SITE: PROPOSED ALTERATIONS & ADDITIONS I.L. 2387 S.A.R.P. NO. 64 CONDUIT RD.
DATE: 16-8-71 SCALE: 1/8"=1'-0"	WALLACE CHIU & ASSOCIATES (ARCHITECTS & ENGINEERS) ROOM [illegible] HANG BUILDING 61-67 QUEEN'S ROAD C. HONG KONG
DRAWN BY: H.C. LEE CHECKED BY: [illegible]	DWG. NO. 3/ST21

Imperial Court Block A & B
(62G Conduit Road)

Building

Building

PH

PH

Wall

Wall

Wall

Wall

Hoarding

(Earth)

CONDUIT ROAD

NO. EXCAVATION PERMITTED BEYOND THIS BOUNDARY

C.G. OF CAISSON
C.G. OF D + L

Caisson

CA1 CA2 CA3 CA4 CA5 CA6 CA8 CA9 CA10 CA11 CA12 CA13 CA14 CA15 CA16 CA17 CA18 CA19 CA21 CA22 CA23 CA24

F-1 F-2 F-3 F-4 F-5 F-6 F-7

SB1 SB1A SB1B SB2 SB3 SB4 SB5 SB6

TB1 TB2

CB1 CB2 CB3 CB4 CB5 CB6 CB7 CB8

BH1 BH2 BH3 BH4 BH5

BV5 BV8 BV12

P1 P2 P3 P4

MH (PWD)

BLOCK PLAN

SCALE 1 : 1000

LEGEND :

C.S.D.	CAISSON SHAFT DIA.
C.B.D.	CAISSON BELL-OUT DIA.
C.O.L.	CAISSON CUT-OFF LEV.
C.B.L.	CAISSON BOTTOM LEV.

LEGEND

- CHECK POINT ON WALL
- BOREHOLE
- BOTTOM LEVEL OF CAISSON CAP
- PIEZOMETRE
- CHECK POINT ON GROUND
- DETERMINED BULK EXCAVATION LIMIT

CAISSON RECORD PLAN

~~CAISSON PLAN~~

NOTE : CAISSON MARK CA7 & CA20 OMITTED.

REVISION	DATE	DESCRIPTION
E	JUN 93	CAP F-7 REVISED
C	FEB. 93	LOCATION OF CAISSON SHIFTED
B	NOV 92	LOCATION OF CAISSON SHIFTED
A	JUN 92	GENERAL REVISION

PROJECT

PROPOSED NEW BUILDING
ON I.L.946 S.A. S.S.1, S.B., I.L.946 S.A. S.S.1, S.C., I.L.946 S.A. S.S.1, R.P., & I.L.7956 CONDUIT ROAD AT NOS. 109, 109A, 109B ROBINSON ROAD, H.K.
(FOR BLOCK A, BLOCK B & ACCESS ROAD TO BLOCK C)

DRG. TITLE

~~CAISSON PLAN PHASE II~~
~~PLAN~~
CAISSON RECORD PLAN

SCALE	1:100
DATE	4-92
DESIGNED	
DRAWN	
CHECKED	
DRG. NO	~~C/P/1~~ CRP-1

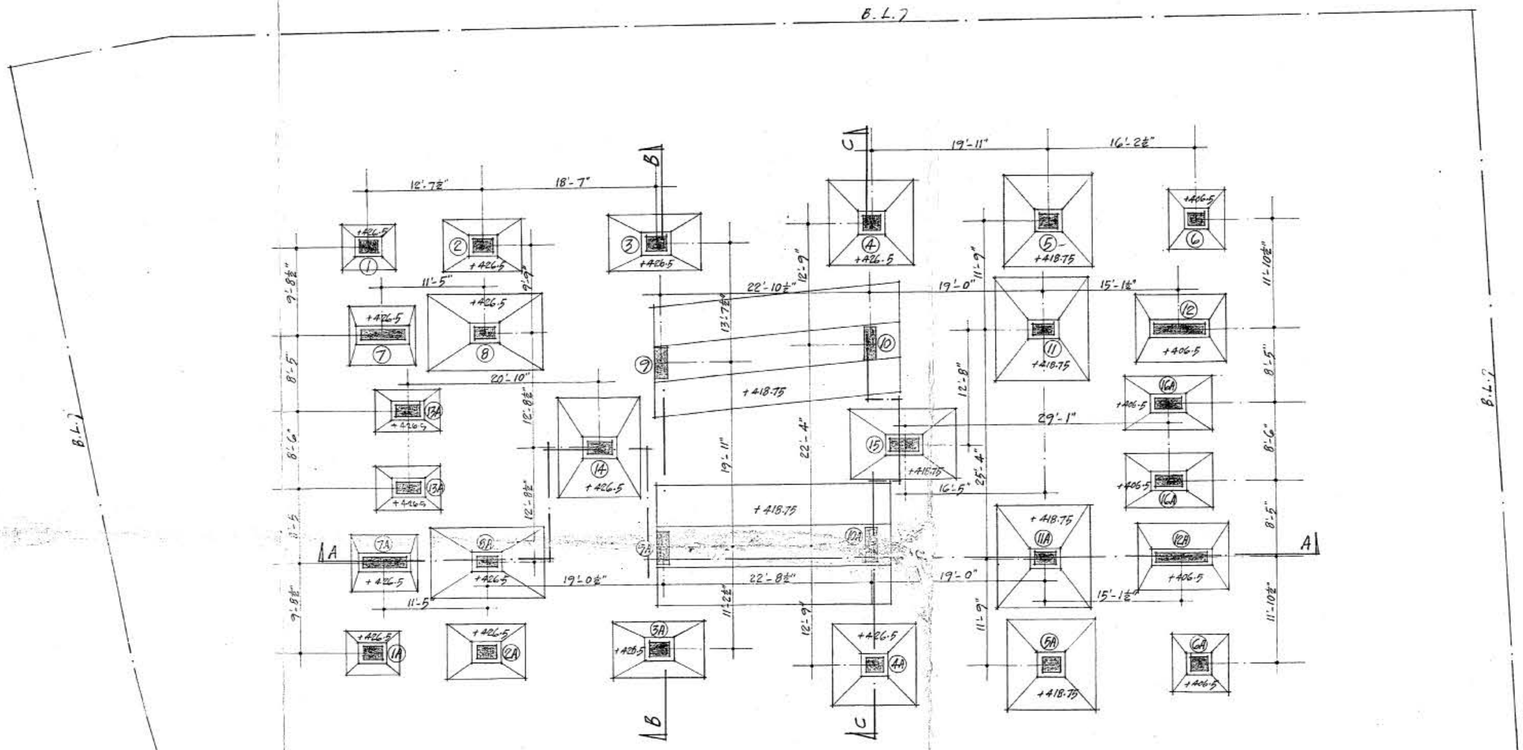
ARCHITECT
andrew lee king fun & associates—architects

ENGINEER
C.M.WONG & ASSOCIATES

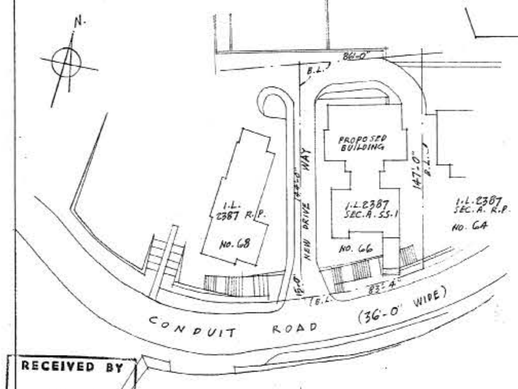
RECEIVED
JUL 7 3 53 PM
BUILDINGS & LANDS DEPARTMENT

King's Garden
(66 Conduit Road)

AMENDED PLAN
B.O.O. REF. NO. 5/2928/63



FOOTING PLAN



BLOCK PLAN SCALE: 1/50" = 1'-0"

RECEIVED BY 28 APR 1965 BUILDING ORDINANCE OFFICE P.W.D.

RECEIVED BY 3 MAR 1965 BUILDING ORDINANCE OFFICE P.W.D.

26 MAR 1965 BUILDING ORDINANCE OFFICE P.W.D.

NOTE:
1) THE ALLOWABLE BEARING CAPACITY OF SOIL = 2 T/ft²
2) THE COVER TO STEEL TO BE 3"
3) THE P.D. LEVEL TO BE MARKED AT BOTTOM OF FOOTING.

LOADING SCHEDULE

COL.	SIZE	AXIAL LOAD (KIPS) D.L.	AXIAL LOAD (KIPS) L.L.	WIND SHEAR (KIPS) ALONG X-X	WIND SHEAR (KIPS) ALONG Y-Y	WIND AXIAL LOAD (KIPS) ALONG X-X	WIND AXIAL LOAD (KIPS) ALONG Y-Y
					↕		↕
C-1	24"X17"	47.6	15.4	4.55	6.65	∓ 27.85	± 32.53
C-1A	24"X17"	62.9	20.5	4.55	6.65	∓ 26.75	∓ 32.53
C-2	25"X17"	169.0	37.9	5.12	6.92	± 6.0	∓ 30.12
C-2A	25"X17"	167.8	41.1	5.12	6.92	± 4.9	± 30.12
C-3	25"X19"	132.4	32.0	5.74	9.7	± 21.85	± 95.79
C-3A	25"X19"	118.1	28.6	5.74	9.7	± 21.85	∓ 163.73
C-4	15"X30"	192.5	33.3	9.8	19.7	∓ 26.72	± 182.22
C-4A	15"X30"	192.5	33.3	9.8	19.7	∓ 26.72	∓ 182.22
C-5	23"X18"	319.7	56.9	17.7	3.07	∓ 44.04	± 29.35
C-5A	23"X18"	319.7	56.9	17.7	3.07	∓ 44.04	∓ 29.35
C-6	22"X15"	119.8	31.3	1.9	0.73	± 70.76	± 20.35
C-6A	22"X15"	119.8	31.3	1.9	0.73	± 70.76	∓ 20.35
C-7	55"X12"	88.8	30.4	28.0	5.2	∓ 136.15	∓ 17.65
C-7A	55"X12"	123.1	36.7	37.4	5.2	∓ 95.21	± 17.65
C-8	27"X15"	278.0	104.0	3.85	3.34	± 134.6	∓ 29.02
C-8A	27"X13"	237.0	94.0	5.1	3.34	± 94.44	± 29.02
C-9	18"X40"	524.3	102.0	5.74	26.6	∓ 9.55	∓ 24.09
C-9A	14"X43"	527.7	159.6	2.93	26.0	∓ 1.76	± 90.63
C-10	16"X47"	670.4	150.7	7.14	37.5	± 5.2	∓ 81.43
C-10A	16"X47"	611.2	145.3	1.57	37.5	∓ 1.04	± 81.43
C-11	28"X13"	321.4	78.7	8.9	1.35	∓ 130.8	∓ 27.8
C-11A	28"X13"	321.4	78.7	3.8	1.35	∓ 130.8	± 27.8
C-12	69"X12"	233.1	53.3	12.4	3.07	± 118.4	∓ 3.2
C-12A	69"X12"	233.1	53.3	7.5	3.07	± 118.4	± 3.2
C-13A (U/S)	30"X14"	97.6	30.0	10.2	4.65	∓ 17.1	∓ 1.32
C-13A (T/S)	30"X14"	97.6	30.0	10.2	4.65	∓ 17.1	± 1.32
C-14	33"X14"	283.2	73.7	13.5	5.1	∓ 72.84	0
C-15	38"X14"	307.0	69.7	29.4	2.1	± 74.3	0
C-16A (U/S)	36"X14"	185.4	52.3	2.25	0.8	∓ 9.55	∓ 3.27
C-16A (T/S)	36"X14"	185.4	52.3	2.25	0.8	∓ 9.55	± 3.27

INDICATION "−" TENSION
"+" COMPRESSION

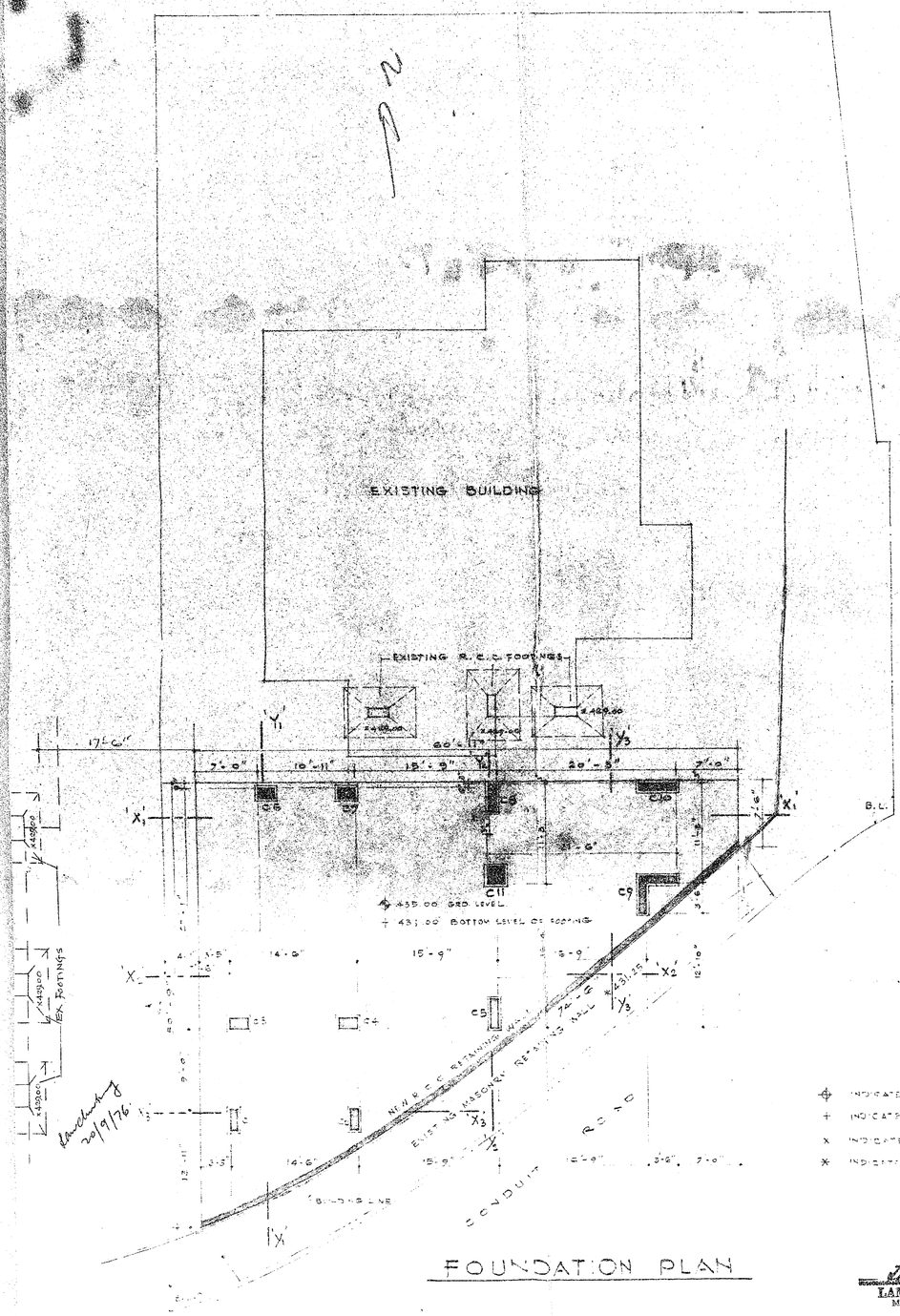
Approved
PRO BUILDING AUTHORITY
10 MAY 1965

WALLACE CHIU
B. ARCH., A.R.I.B.A.
AUTHORISED ARCHITECT
28 APR 1965

DATE 15. FEB. 1965	PROPOSED APARTMENT BUILDING
JOB NO C19/63	JOB
REVISIONS	I.L. 2387 SEC. A S.S.1 AT NO. 66
	SITE CONDUIT ROAD H.K.
	DRAWING FOOTING PLAN
SCALE 1/8" = 1'-0"	F. WONG & W. CHIU & ASSOCIATES ARCHITECTS & ENGINEERS RM. 610-611 YU TO SANG BUILDING, HONG KONG
DRAWN BY L.K.M.	DWG. NO 1/F-5
CHECKED BY [illegible]	

Peace Court
(64A Conduit Road)

B.O.O. REF. No 3/2196/70.



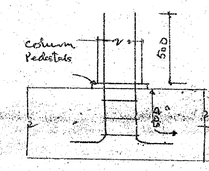
FOUNDATION PLAN

NOTE:-

1. THE R.C.C. FOOTING TO BE 1:2:4 MIX. (GRADE A).
2. ALL PEDESTALS ON FOOTING TO BE 1:1:2 MIX. (GRADE A)
3. REINFORCEMENT TO BE OF MILD STEEL COMPLYING WITH B.S.S. 785.
4. COVER TO MAIN BAR TO BE 2" THICK.
5. 3" CEM. CONC. BLINDING LAYER (1:3:6 MIX.) TO BE PROVIDED BENEATH FOOTING.
6. SOIL BEARING CAPACITY TAKEN IN DESIGN NOT TO EXCEED 3TONS/SQ. FT.
7. ALL CEMENT CONCRETE TO BE BATCHED BY WEIGHT:

MIX.	CEMENT	SAND	COARSE AGGREGATE
1:2:4 A	100 LB.	170 LB.	430 LB.
1:1:2 A	200 LB.	170 LB.	430 LB.

typical detail for dowel Bar



Typical detail for column bars. 24/9/76

+ INDICATES BOTTOM LEVEL OF PROPOSED FOOTING
× INDICATES BOTTOM LEVEL OF EXISTING FOOTING
⊕ INDICATES GROUND LEVEL
✳ INDICATES BOTTOM LEVEL OF EX. RETAINING WALL

LOADING SCHEDULE

COLUMN MARK	COLUMN SIZE (INCHES)	D.L. (KIP)	L.L. (KIP)	T.L. (KIP)	WIND LOAD (KIP) X-X	WIND LOAD (KIP) Y-Y	WIND SHEAR (KIP) X-X	WIND SHEAR (KIP) Y-Y
C1	12 x 30	188	30	218	± 137	∓ 73	17.7	12.1
C2	12 x 30	205	54	259	∓ 137	∓ 144	17.7	22.7
C3	24 x 16	188	35	223	± 101	± 68	16.1	3.7
C4	24 x 16	334	97	431	∓ 65	± 134	16.1	7.0
C5	12 x 39	250	58	308	∓ 36	∓ 75	4.6	19.0
C6	24 x 14	145	27	172	± 30	± 22	4.0	11.4
C7	24 x 14	274	53	327	± 26	± 10	4.0	3.0
C8	12 x 39	305	45	350	∓ 77	±118	1.5	19.0
C9	[illegible]	430	77	507	∓ 120	∓ 140	38.0	31.0
C10	51 x 9	270	48	318	∓ 83	±140	27.0	1.0
C11	24 x 24	285	70	355	± 120	∓ 43	11.0	1.0

Approved
24 SEP 1976

NOTE: As these plans have been examined only as required in Circular Letter No. 64, your particular attention is drawn to Section 4 (3) (b) of the Building Ordinance regarding your duty as Authorised Person and to Section 14 (2) (c) regarding possible contraventions of any provision of the Buildings Ordinance.

Lam Chuen Rong
LAM CHUEN RONG
M. SC. (LEEDS), C. ENG.,
M. I. STRUCT. E.,
CHARTERED STRUCTURAL ENGINEER

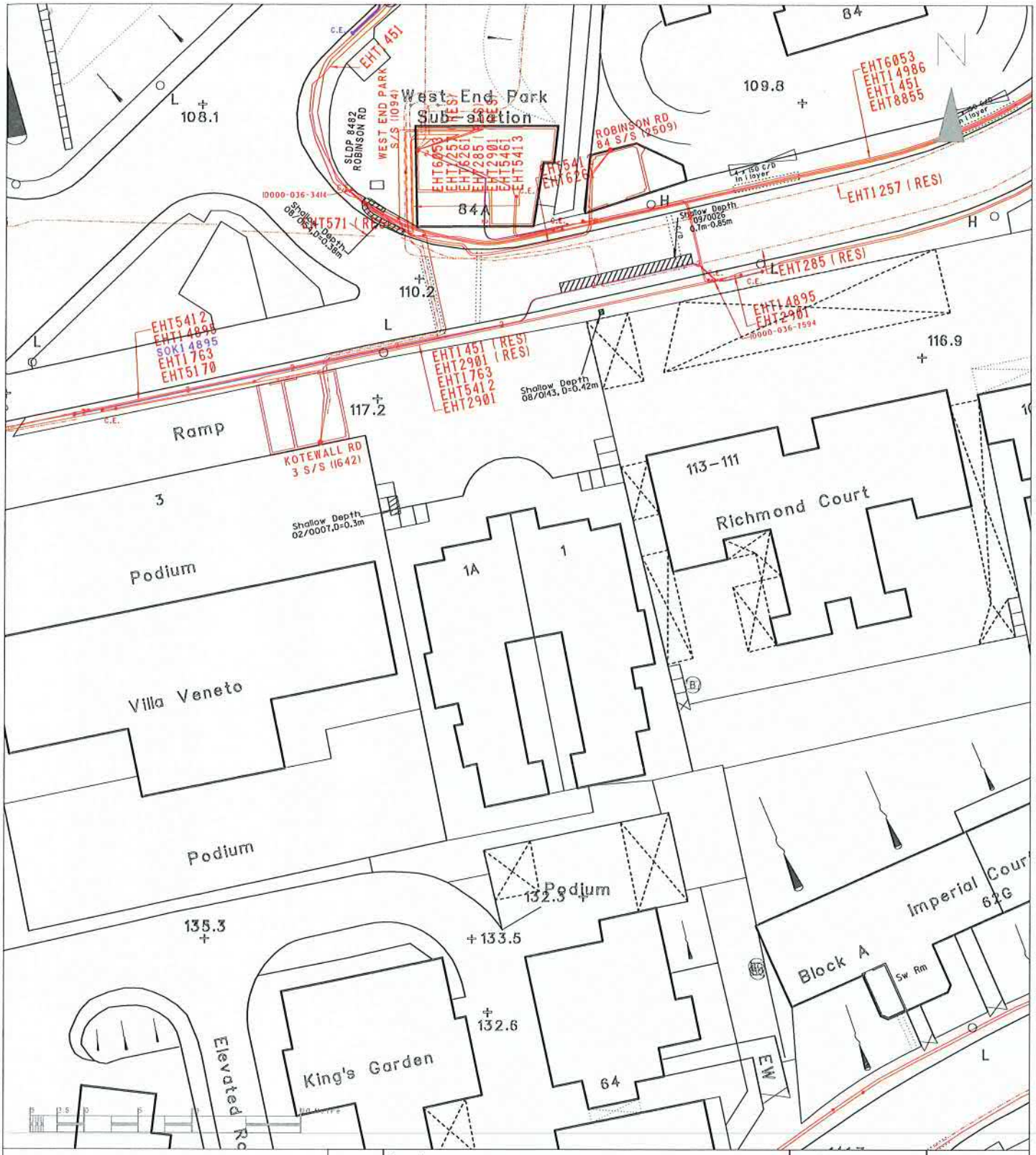
WALLACE CHIU
B. ARCH., A.R.I.B.A.
CHARTERED ARCHITECT

26 AUG 1976

FOUNDATION PLAN		PROPOSED ALTERATIONS & ADDITIONS I. L. 2378 S.A R.P. - 64 CONDUIT ROAD
DATE	SCALE 8 FT. = 1 IN.	WALLACE CHIU & ASSOCIATES ARCHITECTS & ENGINEERS RMS. 606-607 YIP KUNG BUILDING 2-18, D'AGUILAR STREET, HONG KONG
DRAWN BY [illegible]	CHECKED BY CK LAM	1 / CF2

APPENDIX G

Utilities Records



Notes:

1. THE ELECTRICITY SUPPLY LINES (ESL) SHOWN ON THE PLAN ARE APPROXIMATE ONLY. WHEN WORKS ARE TAKEN IN VICINITY OF THESE ESL, YOU ARE REMINDED TO TAKE ALL NECESSARY STEPS AND MEASURES AS STIPULATED IN THE CODE OF PRACTICE ON WORKING NEAR ESL ISSUED BY EMSD.
2. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH ITEM 4 OF OUR 'GENERAL PRACTICE ON EXECUTION OF EXCAVATION AND CONSTRUCTION WORK NEAR UNDERGROUND ELECTRICITY CABLES'. HEC CABLES WHICH ARE MORE PRONE TO SHALLOW DEPTH MAY BE FOUND AT THE HATCHED AREA MARKED WITH 'SHALLOW DEPTH' AND AT ITS VICINITY AREAS.
3. FOR THE SAKE OF SAFETY, WHEN YOUR WORKS ARE UNDERTAKEN IN CLOSE PROXIMITY TO THE TYPES OF CABLE JOINT MARKED BY Ⓢ OR Ⓒ, YOU MUST INFORM HEC AT TELEPHONE 28143443 TO ARRANGE INSPECTION AND NECESSARY ACTION BEFORE COMMENCING SUCH WORKS.
4. FOR WORKS THAT ARE UNDERTAKEN IN CLOSE PROXIMITY TO OUR 275/132/66-kV CABLES OR JOINTS OR 132-kV O/H LINES, YOU ARE REQUIRED TO CONTACT THE RESPONSIBLE ENGINEER IN OUR CONSTRUCTION & MAINTENANCE DEPARTMENT, T & D DIVISION BEFORE COMMENCING SUCH WORKS.
5. CONFIDENTIAL: EXCEPT FOR YOUR AUTHORIZED CONTRACTORS/ EMPLOYEES, THIS DRAWING MUST NOT BE RELEASED TO THIRD PARTY WITHOUT HEC'S WRITTEN APPROVAL.

備註：

1. 此圖只顯示供電電纜之大約位置。當在該等供電電纜附近進行工程時，請切記遵守由供電工程署所擬備之有關在供電電纜附近工作的實務守則。
2. 此圖應連同本公司的「在地下電纜附近進行挖掘及建造工程的一般守則」第四項一起參閱。在註有「SHALLOW DEPTH」標記之影線範圍及在其附近的位置可能會遇到某些位於離地面較近之本公司電纜。
3. 為了安全理由，在圖中註有Ⓢ或Ⓒ標記之接線箱附近進行工程前，請先掛28143443知會本公司安排檢查及進行有需要之工程。
4. 在本公司275/132/66千伏特電纜或接線箱或132千伏特架空導線附近進行工程前，請先與本公司輸配電科工程建設及保養部之負責工程師聯絡。
5. 保密： 此圖在未有本公司書面授權下，只能供給閣下之僱員／指定承建商使用。

A4POTH | Map No.: IISW07D4,IISW07D2 | Grid Ref.: | Rev.:

EHTYYYYY(22kV) — 22-kV/SOLKOR CABLE ROUTE
SOKYYYYY — 22千伏特／鉛電保護電纜路線
EHTYYYYY(22kV) — 22-kV/SOLKOR RESERVED CABLE ROUTE
SOKYYYYY — 22千伏特／鉛電保護備用電纜路線
EHTYYYYY(22kV) — 22-kV/SOLKOR CABLE JOINT
SOKYYYYY — 22千伏特／鉛電保護電纜接線箱
EHTYYYYY(22kV) — 22-kV/SOLKOR CABLE TERMINATOR
SOKYYYYY — 22千伏特／鉛電保護電纜終端

EHTXXXXX — 11-kV CABLE ROUTE
EHTXXXXX — 11千伏特電纜路線
EHTXXXXX — 11-kV RESERVED CABLE ROUTE
EHTXXXXX — 11千伏特備用電纜路線
EHTXXXXX — 11-kV CABLE JOINT
EHTXXXXX — 11千伏特電纜接線箱
EHTXXXXX — 11-kV CABLE TERMINATOR
EHTXXXXX — 11千伏特電纜終端
EHTXXXXX — LOW VOLTAGE CABLE ROUTE 低壓電纜路線
LOW VOLTAGE RESERVED CABLE ROUTE 低壓備用電纜路線
LOW VOLTAGE O/H LINE ROUTE 低壓架空導線路線
LOW VOLTAGE CABLE JOINT 低壓電纜接線箱
LOW VOLTAGE CABLE TERMINATOR 低壓電纜終端

FIBRE OPTIC/PLOT CABLE ROUTE 光纖／導引電纜路線
FIBRE OPTIC/PLOT RESERVED CABLE ROUTE 光纖／導引備用電纜路線
FIBRE OPTIC/PLOT CABLE JOINT 光纖／導引電纜接線箱
FIBRE OPTIC/PLOT CABLE TERMINATOR 光纖／導引電纜終端

RATING/TYPE 額定值／類別	NEW CABLE COLOUR 新線顏色	OUTER DIAMETER (mm) 外徑直徑（毫米）
22-kV CABLE 22千伏特電纜	TURQUOISE 綠藍	43-98
11-kV CABLE 11千伏特電纜	RED, TURQUOISE OR BLACK 紅、綠藍或黑	50-98
LOW VOLTAGE CABLE 低壓電纜	GREEN, BLUE OR BLACK 綠、藍或黑	25-85
FIBRE OPTIC/PILOT CABLE 光纖／導引電纜	YELLOW, PINK OR BLACK 黃、粉紅或黑	25-63
SOLKOR CABLE 鉛電保護電纜	TURQUOISE 綠藍	35-39

SHALLOW DEPTH — UNDERGROUND ELECTRICITY CABLES MAY BE BURIED AT DEPTH LESS THAN THE MINIMUM DEPTH REQUIREMENT AS STIPULATED IN THE CONDITIONS OF EXCAVATION PERMIT OR CONDITIONS OF EMERGENCY EXCAVATION PERMIT ISSUED BY HIGHWAYS DEPARTMENT.
地下電纜可能埋藏於較政署發出之挖掘准許證或緊急挖掘准許證上所規定的最少覆蓋深度為少。

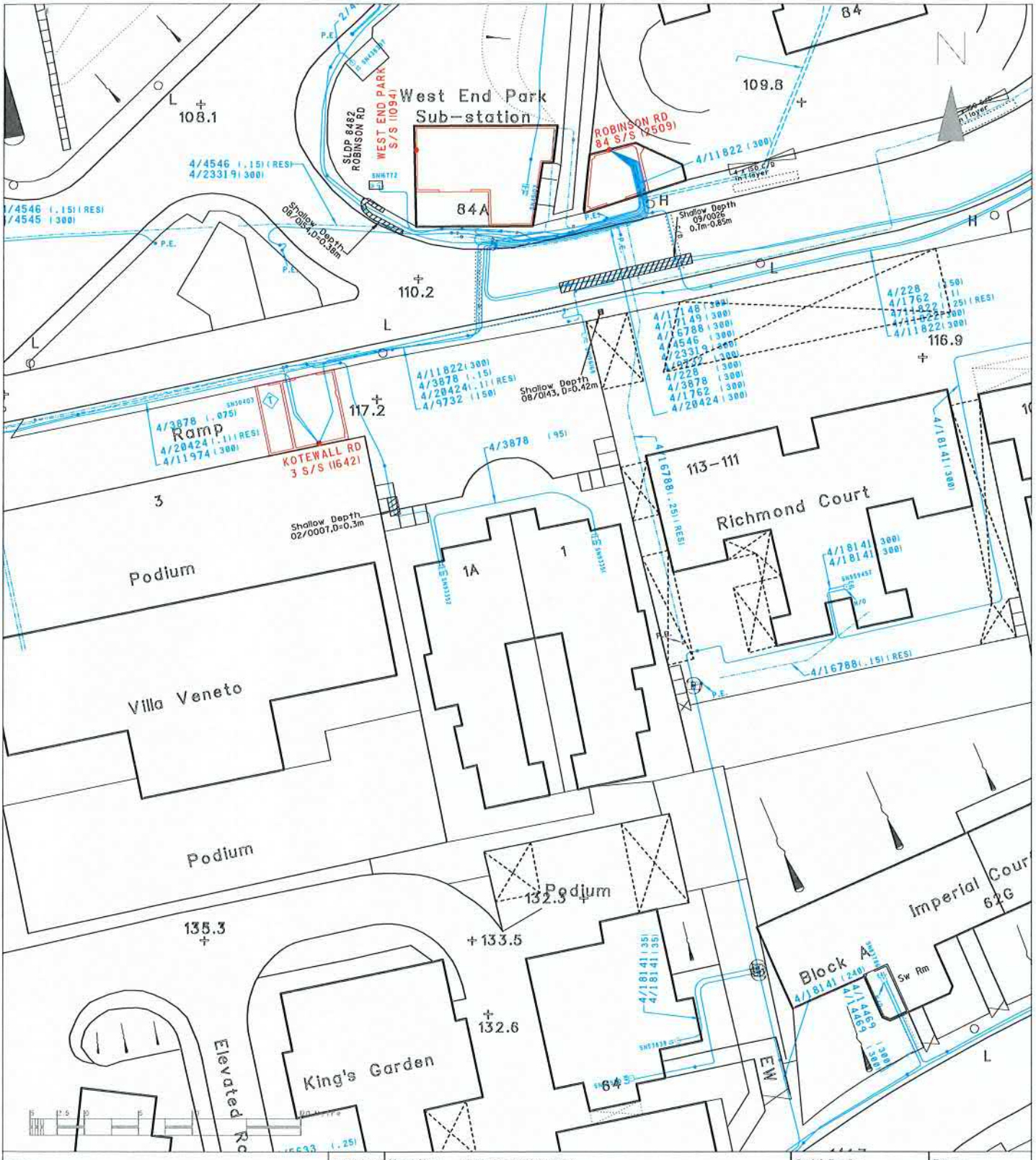
MAP DATA IS REPRODUCED WITH THE PERMISSION OF THE GOVERNMENT OF HKSAR. © GOVERNMENT OF HKSAR

Ref. No.: 070931
Date: 17/05/2022
Scale: 1:500
as printed on A4 size paper

香港電燈有限公司
The Hongkong Electric Co., Ltd.

T & D
Distribution Planning

港燈 HK Electric



Notes :

L THE ELECTRICITY SUPPLY LINES (ESL) SHOWN ON THE PLAN ARE APPROXIMATE ONLY. WHEN WORKS ARE TAKEN IN VICINITY OF THESE ESL, YOU ARE REMINDED TO TAKE ALL NECESSARY STEPS AND MEASURES AS STIPULATED IN THE CODE OF PRACTICE ON WORKING NEAR ESL ISSUED BY EMSD.

2. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH ITEM 4 OF OUR GENERAL PRACTICE ON EXECUTION OF EXCAVATION AND CONSTRUCTION WORK NEAR UNDERGROUND ELECTRICITY CABLES. HEC CABLES WHICH ARE MORE PRONE TO SHALLOW DEPTH MAY BE FOUND AT THE HATCHED AREA MARKED WITH 'SHALLOW DEPTH' AND AT ITS VICINITY AREAS.

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備註：

1. 此圖只顯示供電電纜之大約位置。當在其等供電電纜附近進行工程時，請切記遵守由機電工程署所擬備之有關在供電電纜附近工作的實務守則。
2. 此圖應連同本公司的「在地下電纜附近進行挖掘及建造工程的一般守則」第四項一起參閱。在註有「SHALLOW DEPTH」標記之影線範圍及在其附近的位置可能會遇到某些位於離地面較近之本公司電纜。
3. 為了安全理由，在圖中註有Ⓢ或Ⓣ標記之接線箱附近進行工程前，請先掛28143443知會本公司安排檢查及進行有需要之工程。
4. 在本公司275/132/66千伏特電纜或接線箱或132千伏特架空導線附近進行工程前，請先與本公司輸配電科工程建設及保養部之負責工程師聯絡。
5. 保密： 此圖在未有本公司書面授權下，只能供給閣下之僱員／指定承建商使用。

A4POTH | Map No.: IISW07D4,IISW07D2 | Grid Ref.: | Rev.:

22-kV/SOLKOR CABLE ROUTE
22千伏特／銅電原淘電纜路線
22-kV/SOLKOR RESERVED CABLE ROUTE
22千伏特／銅電原淘備用電纜路線
22-kV/SOLKOR CABLE JOINT
22千伏特／銅電原淘電纜接線箱
22-kV/SOLKOR CABLE TERMINATOR
22千伏特／銅電原淘電纜終端

II-kV CABLE ROUTE
II千伏特電纜路線
II-kV RESERVED CABLE ROUTE
II千伏特備用電纜路線
II-kV CABLE JOINT
II千伏特電纜接線箱
II-kV CABLE TERMINATOR
II千伏特電纜終端

LOW VOLTAGE CABLE ROUTE
低壓電纜路線
4/XXXXX
LOW VOLTAGE RESERVED CABLE ROUTE
低壓備用電纜路線
4/XXXXX
LOW VOLTAGE O/H LINE ROUTE
低壓架空導線路線
ABC 3ΦV ABC
LOW VOLTAGE CABLE JOINT
低壓電纜接線箱
4/XXXXX
LOW VOLTAGE CABLE TERMINATOR
低壓電纜終端

4/XXXXX
FIBRE OPTIC/PILOT CABLE ROUTE
光纖／導引電纜路線
FIBRE OPTIC/PILOT RESERVED CABLE ROUTE
光纖／導引備用電纜路線
FIBRE OPTIC/PILOT CABLE JOINT
光纖／導引電纜接線箱
FIBRE OPTIC/PILOT CABLE TERMINATOR
光纖／導引電纜終端

RATING/TYPE 額定值／類別	NEW CABLE COLOUR 新線顏色	OUTER DIAMETER (mm) 外層直徑（毫米）
22-kV CABLE 22千伏特電纜	TURQUOISE 綠藍	43-98
II-kV CABLE II千伏特電纜	RED, TURQUOISE OR BLACK 紅，綠藍或黑	50-98
LOW VOLTAGE CABLE 低壓電纜	GREEN, BLUE OR BLACK 綠，藍或黑	25-85
FIBRE OPTIC/PILOT CABLE 光纖／導引電纜	YELLOW, PINK OR BLACK 黃，粉紅或黑	25-63
SOLKOR CABLE 銅電保護電纜	TURQUOISE 綠藍	35-39

SHALLOW DEPTH — UNDERGROUND ELECTRICITY CABLES MAY BE BURIED AT DEPTH LESS THAN THE MINIMUM DEPTH REQUIREMENT AS STIPULATED IN THE CONDITIONS OF EXCAVATION PERMIT OR CONDITIONS OF EMERGENCY EXCAVATION PERMIT ISSUED BY HIGHWAYS DEPARTMENT.
地下電纜可能埋藏於較路政署發出之挖掘准許證或緊急挖掘准許證上所規定的最少覆蓋深度為少。

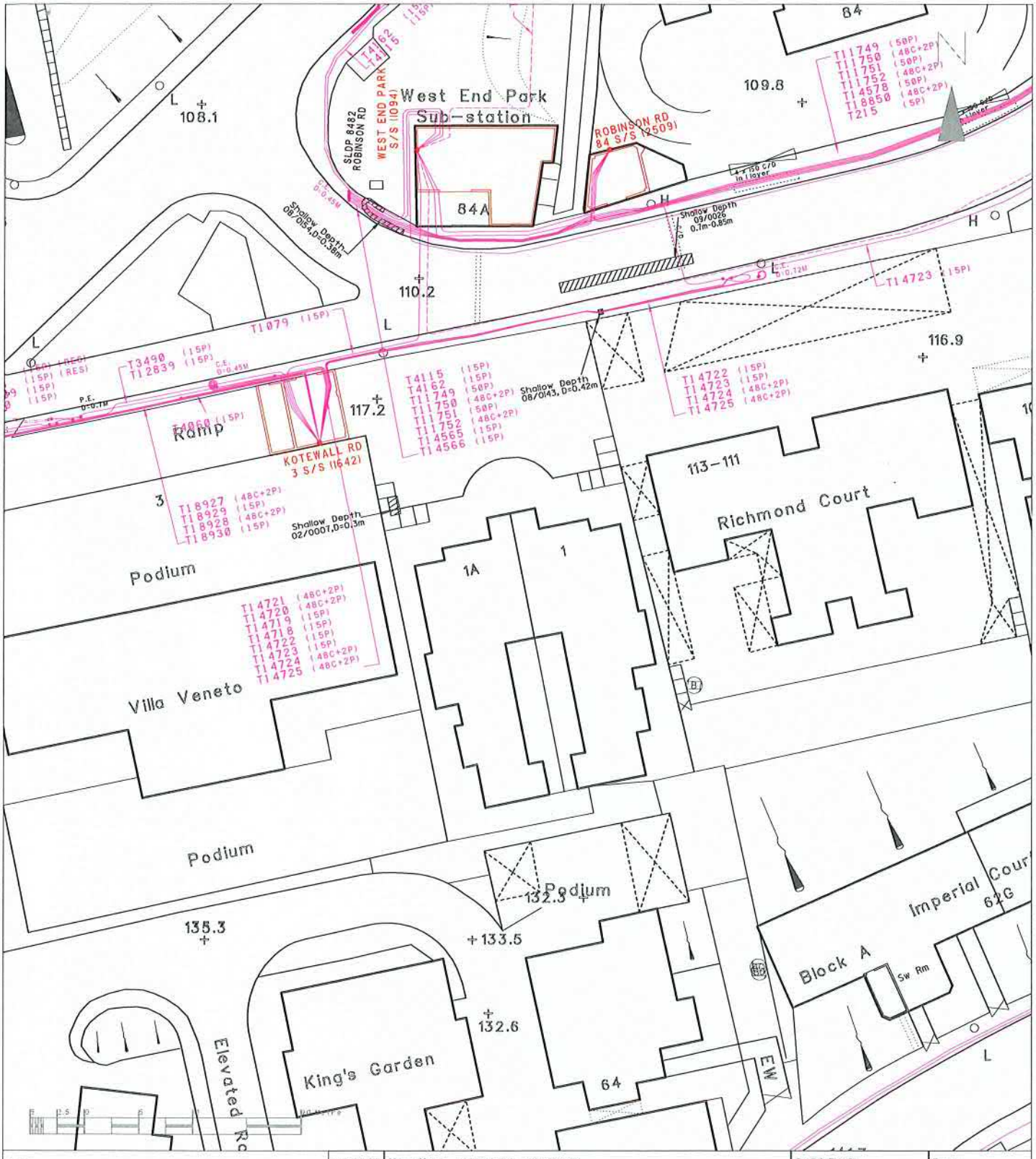
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香港電燈有限公司
The Hongkong Electric Co., Ltd.

T & D
Distribution Planning

港燈 HK Electric



Notes:

L THE ELECTRICITY SUPPLY LINES (ESL) SHOWN ON THE PLAN ARE APPROXMATE ONLY. WHEN WORKS ARE TAKEN IN VICINITY OF THESE ESL, YOU ARE REMINDED TO TAKE ALL NECESSARY STEPS AND MEASURES AS STIPULATED IN THE CODE OF PRACTICE ON WORKING NEAR ESL ISSUED BY EMSD.

2. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH ITEM 4 OF OUR 'GENERAL PRACTICE ON EXECUTION OF EXCAVATION AND CONSTRUCTION WORK NEAR UNDERGROUND ELECTRICITY CABLES', HEC CABLES WHICH ARE MORE PRONE TO SHALLOW DEPTH MAY BE FOUND AT THE HATCHED AREA MARKED WITH 'SHALLOW DEPTH' AND AT ITS VICINITY AREAS.

3. FOR THE SAKE OF SAFETY, WHEN YOUR WORKS ARE UNDERTAKEN IN CLOSE PROXIMITY TO THE TYPES OF CABLE JOINT MARKED BY ⑧OR Ⓢ, YOU MUST INFORM HEC AT TELEPHONE 28143443 TO ARRANGE INSPECTION AND NECESSARY ACTION BEFORE COMMENCING SUCH WORKS.

4. FOR WORKS THAT ARE UNDERTAKEN IN CLOSE PROXIMITY TO OUR 275/132/66-kV CABLES OR JOINTS OR 132-kV O/H LINES, YOU ARE REQUIRED TO CONTACT THE RESPONSIBLE ENGINEER IN OUR CONSTRUCTION & MAINTENANCE DEPARTMENT, T & D DIVISION BEFORE COMMENCING SUCH WORKS.

5. CONFIDENTIAL: EXCEPT FOR YOUR AUTHORIZED CONTRACTORS/ EMPLOYEES, THIS DRAWING MUST NOT BE RELEASED TO THIRD PARTY WITHOUT HEC'S WRITEN APPROVAL.

備註：

1. 此圖只顯示供電電纜之大約位置。當在該等供電電纜附近進行工程時，請切記遵守由機電工程署所擬備之有關在供電電纜附近工作的實務守則。
2. 此圖應連同本公司的「在地下電纜附近進行挖掘及建造工程的一般守則」第9項一起參閱。在註有「SHALLOW DEPTH」標記之影線範圍內及在其附近的位置可能會遇到某些位於淺埋或鄰近之本公司電纜。
3. 為了安全理由，在圖中註有⑧或Ⓢ標記之接線箱附近進行工程前，請先撥28143443知會本公司安排檢查及進行有需要之工程。
4. 在本公司275/132/66千伏特電纜或接線箱或132千伏特架空導線附近進行工程前，請先與本公司輸配電科工程建設及保養部之負責工程師聯絡。
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A4POTH | Map No.: IISW07D4,IISW07D2 | Grid Ref.: | Rev.:

22-kV/SOLKOR CABLE ROUTE
22千伏特／選電保護電纜路線
22-kV/SOLKOR RESERVED CABLE ROUTE
22千伏特／選電保護備用電纜路線
22-kV/SOLKOR CABLE JONT
22千伏特／選電保護電纜接線箱
22-kV/SOLKOR CABLE TERMNATOR
22千伏特／選電保護電纜終端

II-kV CABLE ROUTE
II千伏特電纜路線
II-kV RESERVED CABLE ROUTE
II千伏特備用電纜路線
II-kV CABLE JONT
II千伏特電纜接線箱
II-kV CABLE TERMINATOR
II千伏特電纜終端

LOW VOLTAGE CABLE ROUTE
低壓電纜路線
LOW VOLTAGE RESERVED CABLE ROUTE
低壓備用電纜路線
LOW VOLTAGE O/H LINE ROUTE
低壓架空導線路線
LOW VOLTAGE CABLE JONT
低壓電纜接線箱
LOW VOLTAGE CABLE TERMINATOR
低壓電纜終端

T/PTXXXX FIBRE OPTIC/PILOT CABLE ROUTE
光纖／導引電纜路線
T/PTXXXX FIBRE OPTIC/PILOT RESERVED CABLE ROUTE
光纖／導引備用電纜路線
T/PTXXXX FIBRE OPTIC/PILOT CABLE JONT
光纖／導引電纜接線箱
T/PTXXXX FIBRE OPTIC/PILOT CABLE TERMINATOR
光纖／導引電纜終端
T/PTXXXX P.E.

RATING/TYPE 額定值／類別	NEW CABLE COLOUR 新線顏色	OUTER DIAMETER (mm) 外層直徑（毫米）
22-kV CABLE 22千伏特電纜	TURQUOISE 綠藍	43-98
II-kV CABLE II千伏特電纜	RED, TURQUOISE OR BLACK 紅，綠藍或黑	50-98
LOW VOLTAGE CABLE 低壓電纜	GREEN, BLUE OR BLACK 綠，藍或黑	25-85
FIBRE OPTIC/PILOT CABLE 光纖／導引電纜	YELLOW, PINK OR BLACK 黃，粉紅或黑	25-63
SOLKOR CABLE 選電保護電纜	TURQUOISE 綠藍	35-39

SHALLOW DEPTH

UNDERGROUND ELECTRICITY CABLES MAY BE BURIED AT DEPTH LESS THAN THE MINIMUM DEPTH REQUIREMENT AS STIPULATED IN THE CONDITIONS OF EXCAVATION PERMIT OR CONDITIONS OF EMERGENCY EXCAVATION PERMIT ISSUED BY HIGHWAYS DEPARTMENT.
地下電纜可能埋藏於較政署發出之挖掘准許證或緊急挖掘准許證上所規定的最少覆蓋深度為少。

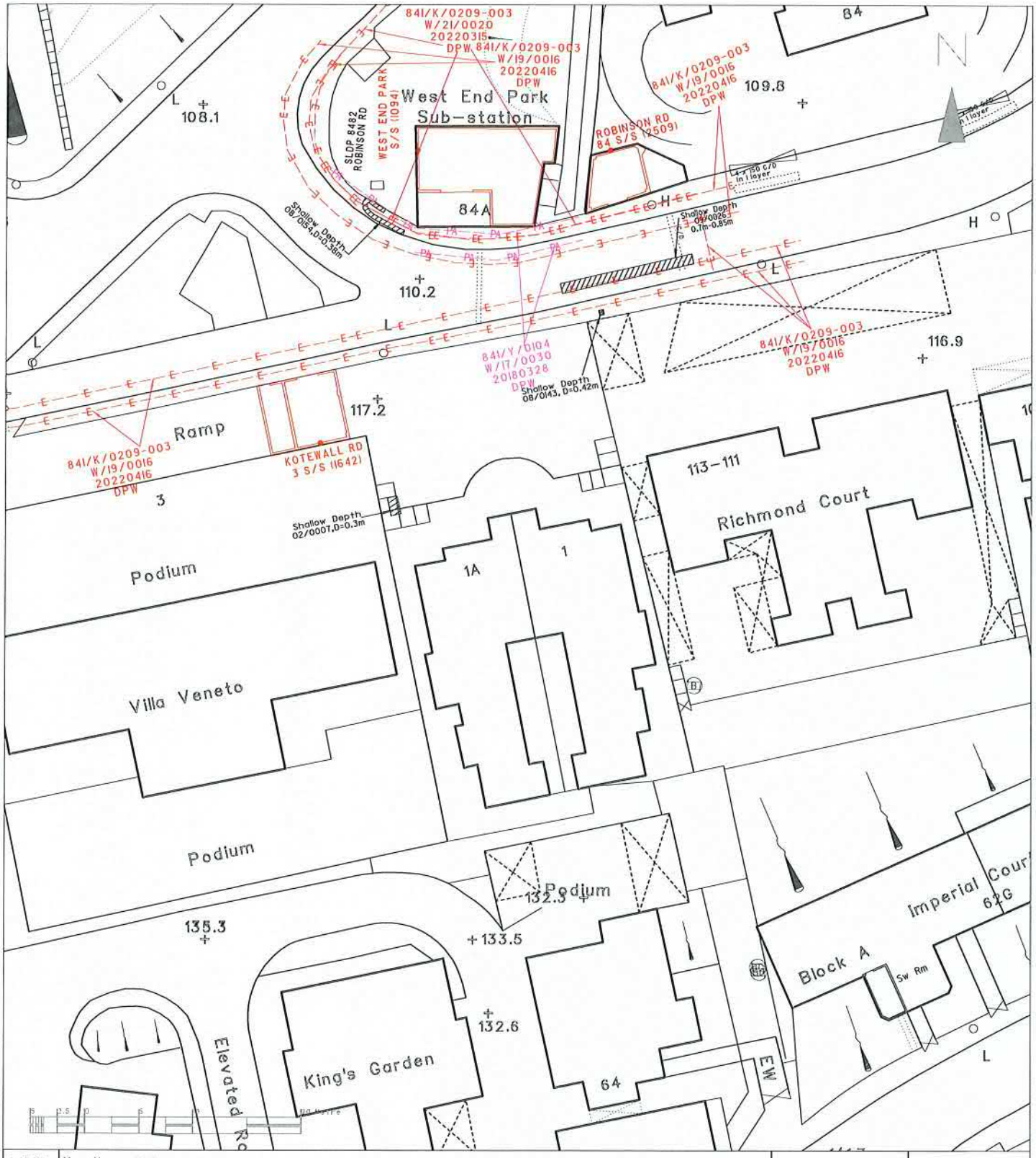
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The Hongkong Electric Co., Ltd.

T & D
Distribution Planning

港燈 HK Electric



A4PXP	Map No.: IISW07D4,IISW07D2	Grid Ref.:	Rev.:

Notes :

1. — — P — — — P — — — — C — — — C — —
— — E — — — E — — — — A — — — A — —
— — PA — — — PA — — — — (C) — — — (C) — —

THE ABOVE MENTIONED LINES ON THE PLAN INDICATE THE APPROXIMATE LOCATIONS WHERE NEW HEC CABLES ARE BEING LAID OR PLANNED TO BE LAID.

2. PLEASE NOTE THAT THE NEW CABLE INSTALLATION PROPOSALS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE AND THEY ARE FOR INFORMATION ONLY WITHOUT COMMITTING OUR COMPANY TO INFORM YOU OF ANY CHANGES WHICH MAY BE MADE FROM TIME TO TIME.

備註：

1. — — P — — — P — — — — C — — — C — —
— — E — — — E — — — — A — — — A — —
— — PA — — — PA — — — — (C) — — — (C) — —

以上標記顯示本公司正在進行或將會鋪設之電纜大約位置。

2. 此等將會鋪設之電纜大約位置只供參考，本公司將不會就任何更改作另行通告。

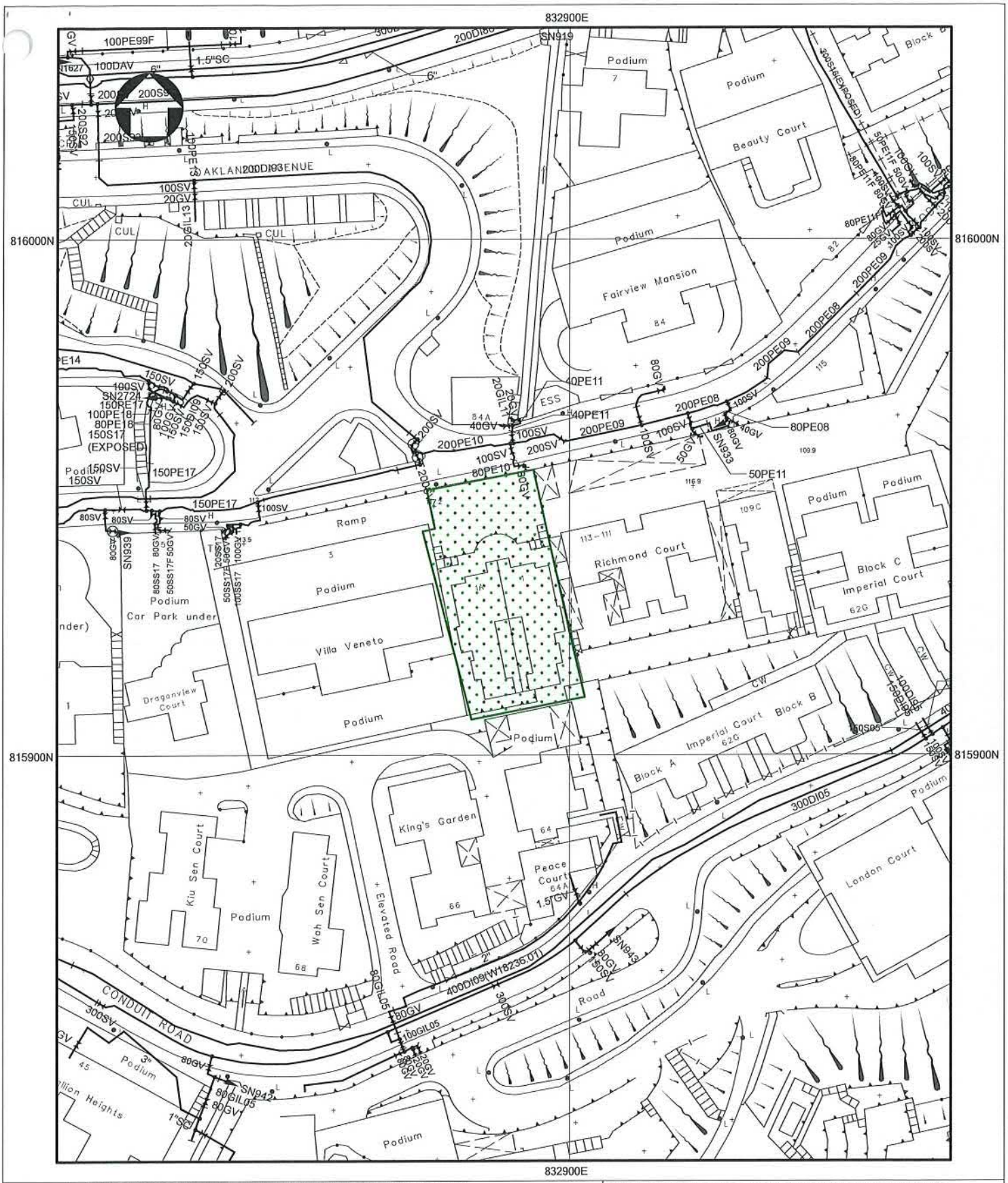
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Distribution Planning

港燈 HK Electric



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
2. ALL LEVELS ARE IN METRES ABOVE PRINCIPAL DATUM.
3. INFORMATION ON ALIGNMENT OF MAINS IS OF INDICATIVE VALUE ONLY. WHERE POSITIONAL ACCURACY MAY BE OF IMPORTANCE, DETAILS SHOULD BE SITE CHECKED.
4. FOR MAINS RECORDS SIGN CONVENTIONS AND DESIGNATIONS SEE SKETCH NO. 3988.
5. NO PROPOSED WATER MAINS IN THE VICINITY OF THE SITE.
6. NO EXISTING WSD CABLE IN THE VICINITY OF THE SITE.
7. NO PROPOSED WSD CABLE IN THE VICINITY OF THE SITE.
8. THE SITE IS NOT WITHIN WSD GATHERING GROUNDS.
9. NO WSD LAND ALLOCATION / WWR WITHIN THE SITE AREA.
10. NO WSD SLOPES ARE AFFECTED IN THE VICINITY OF THE SITE.

SUBJECT SITE

PART COPY OF FRESH WATER MAINS RECORD PLAN(S)

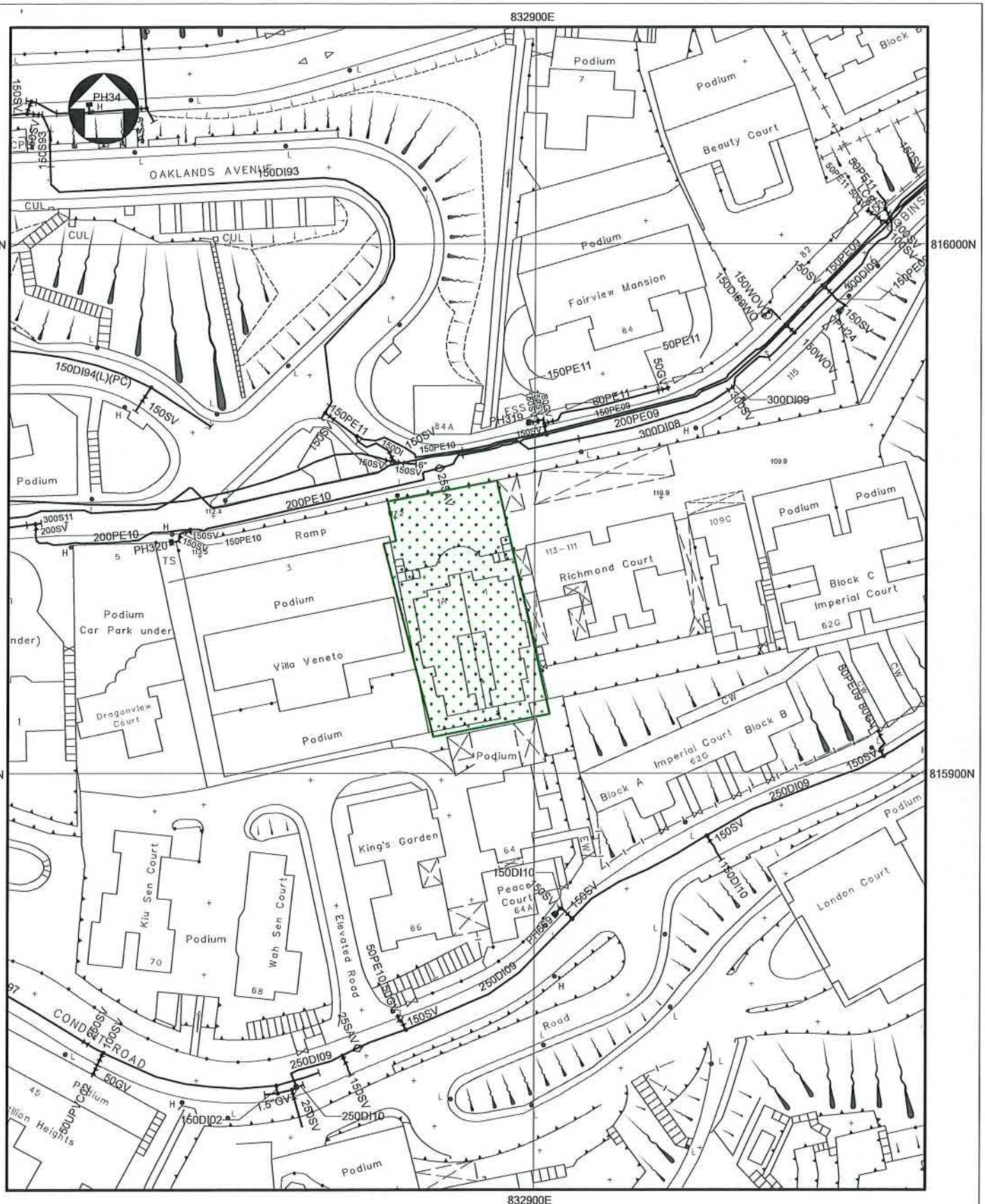
W67880/11-SW-7D

FILE REF: (3) IN WSD(HK)1741/(4)/22 T/J(7)

REF. CODE: 22W22M	SHEET 1 OF 1	SCALE 1:1000

水 務 署
Water Supplies Department

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NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
2. ALL LEVELS ARE IN METRES ABOVE PRINCIPAL DATUM.
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5. NO PROPOSED WATER MAINS IN THE VICINITY OF THE SITE.
6. NO EXISTING WSD CABLE IN THE VICINITY OF THE SITE.
7. NO PROPOSED WSD CABLE IN THE VICINITY OF THE SITE.
8. THE SITE IS NOT WITHIN WSD GATHERING GROUNDS.
9. NO WSD LAND ALLOCATION / WWR WITHIN THE SITE AREA.
10. NO WSD SLOPES ARE AFFECTED IN THE VICINITY OF THE SITE.

SUBJECT SITE

PART COPY OF SALT WATER MAINS RECORD PLAN(S)

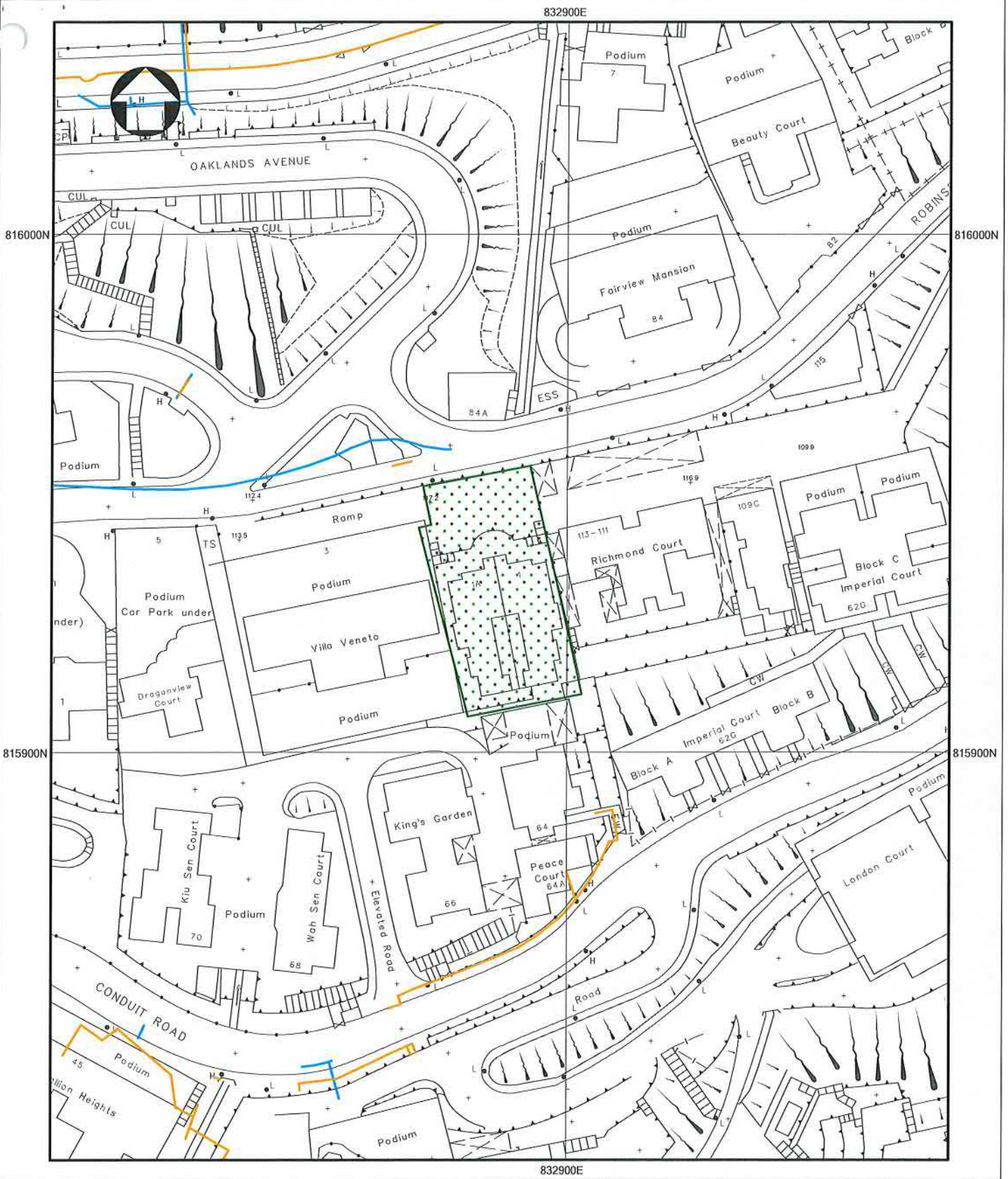
W67881/11-SW-7D

FILE REF: (3) IN WSD(HK)1741/(4)/22 T/J(7)

REF. CODE: 22W22M	SHEET 1 OF 1	SCALE 1:1000

水 務 署
Water Supplies Department

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LEGEND :

1. FRESH WATER MAINS WITH AC MATERIAL
2. FRESH WATER MAINS WITH UNKNOWN MATERIAL
3. SALT WATER MAINS WITH AC MATERIAL
4. SALT WATER MAINS WITH UNKNOWN MATERIAL

SUBJECT SITE

SUPPLEMENTARY INFORMATION OF ASBESTOS CEMENT (AC) OR UNKNOWN WATER MAINS

IMPORTANT: Please note that existing asbestos cement (AC) or unknown water pipes are identified in the vicinity of your project/works area. It is very likely that the unknown water pipes are AC water pipes. You are strongly advised to make special provisions including monitoring measures as necessary to protect these water pipes that are vulnerable to damage. Should diversion/replacement of AC or unknown water pipes be found necessary to be carried out in conjunction with your proposed works after detailed investigations or studies, you should instruct your consultants and/or contractors (as the case may be) to take all necessary measures during design and/or construction stages (as the case may be) to comply with all prevailing statutory requirements for the safe handling, removal, transportation and disposal of AC pipes.

PART COPY OF SURVEY SHEET NO(S).

11-SW-7D

FILE REF: (3) IN WSD(HK)1741/(4)/22 T/J(7)

SHEET 1 OF 1 | SCALE 1:1000

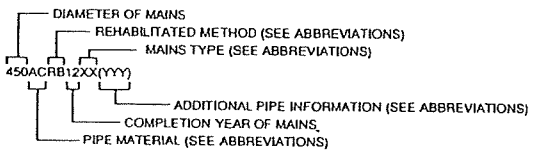
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SIGN CONVENTIONS

TYPE	LEGEND
MAINS	
FRESH / SALT WATER MAINS	
RAW / UNTREATED WATER MAINS / CONDUIT	
WASHOUT PIPE / OVERFLOW PIPE	
SLUDGE PIPE	
TREATED EFFLUENT MAINS	
WATER MAINS REQUIRE REGULAR FLUSHING	
PIPE LAID IN SLEEVE	
PIPE LAID IN TROUGH	
PIPE LAID INSIDE TUNNEL	
BEING LAID MAINS	
WATER TUNNEL	
PROPOSED MAINS	
PRIVATE MAINS (SEE NOTE 2)	
MAINS OF OTHER DEPARTMENTS (SEE NOTE 3)	
FIRE SERVICE	
PEDESTAL FIRE HYDRANT	PH
GROUND FIRE HYDRANT	GH
HEAVY DRAW-OFF FIRE HYDRANT	HD
SWAN NECK FIRE HYDRANT	SN
TWIN OUTLET SWAN NECK FIRE HYDRANT	SN
VALVE	
VALVE (SEE ABBREVIATIONS)	
NORMALLY CLOSED VALVE	
FLAP VALVE	FV
FLOW REGULATING VALVE	FRV
NON RETURN / REFLUX VALVE	NRV
PRESSURE CONTROL / REDUCING / RELIEF VALVE	PRV
AIR VALVE	
AIR VALVE (SEE ABBREVIATIONS)	
AIR VALVE ON INSPECTION TEE (SEE ABBREVIATIONS)	
METER	
METER (SEE ABBREVIATIONS)	
VENTURI TUBE	VEN
CRITICAL PRESSURE POINT	PP
OTHERS	
CHANGE IN PIPE	
BLANK FLANGE / END CAP	
EXTENTS SHOWING FEATURES OF WATER MAINS	
INSPECTION TEE (SEE ABBREVIATIONS)	
PIPES CONNECTED	
STANDPIPE	STP
STRAINER	STR
CATHODIC PROTECTION INSTALLATION (SEE ABBREVIATIONS)	
LEAK NOISE CORRELATION POINT	LNC
LEAKAGE COLLECTION CHAMBER	LCC
FLOW MEASUREMENT CHAMBER	FMC
INSPECTION MANHOLE	IMH
MULTI - PURPOSE INSERTION CHAMBER	MIC
ESSENTIAL VALVE REFERENCE NUMBER (ALPHABET SEE ABBREVIATIONS)	C 888888
PIPES CROSS OVER	

DESIGNATIONS



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NOTES

1. WSD MAINS INCLUDE:
   (a) MAINS LAID AND MAINTAINED BY WSD.
   (b) MAINS LAID BY OTHER DEPARTMENTS OR PRIVATE PARTIES BUT MAINTAINED BY WSD AT WSD'S COST.
2. PRIVATE MAINS INCLUDE MAINS IN PRIVATE ROADS, PRIVATE HOUSING ESTATES, ETC. NOT MAINTAINED BY WSD.
3. MAINS OF OTHER DEPARTMENTS INCLUDE MAINS LAID BY OTHER GOVERNMENT DEPARTMENTS NOT MAINTAINED BY WSD.

ABBREVIATIONS

PIPE MATERIAL

AC	ASBESTOS CEMENT
CI	CAST IRON
CONC	CONCRETE
COPP	COPPER ALLOY
DI	DUCTILE IRON
GI	GALVANIZED IRON
GIL	LINED GALVANIZED IRON
GMS	GALVANIZED MILD STEEL
GRP	GLASS FIBRE REINFORCED PLASTIC
MDPE	MEDIUM DENSITY POLYETHYLENE
MS	MILD STEEL
PE	POLYETHYLENE
S	STEEL
SS	STAINLESS STEEL
UPVC	UNPLASTICISED POLYVINYL CHLORIDE

REHABILITATION METHOD

RA	CURED IN PLACE PIPE
RB	CLOSED FIT (FOLD AND FORM SYSTEM)
RD	SLIP LINING / SLIP INSERTION
RE	CLOSE FIT (SWAGELINING SYSTEM)
RF	FIBRE REINFORCED PLASTIC SYSTEM
RG	INTERNAL LINING REPAIRED
RH	EXTERNAL COATING REPAIRED
RK	COMBINATION OF INTERNAL LINING REPAIRED AND EXTERNAL COATING REPAIRED
RL	PIPE BURSTING
RM	EXTERNAL FIBRE REINFORCED PLASTIC (FRP) SYSTEM
RN	JOINT SEALANT WORKS
RP	PRIMUS LINE
RS	SPRAY POLYURETHANE SYSTEM

MAINS TYPE

F	FIRE SERVICE MAINS
OF	OVERFLOW PIPE
WO	WASHOUT PIPE

INSPECTION TEE

IT	INSPECTION TEE
MIT	MULTI - PURPOSE INSPECTION TEE

ADDITIONAL PIPE INFORMATION

(400)	OUTSIDE DIAMETER OF THE INSERTED PE PIPE FOR SPECIFIED REHABILITATED MAINS
(CPS10)	CATHODIC PROTECTION SYSTEM NO. 10
(DRY)	DRY MAINS
(E)	MAINS LAID UNDER ENTRUSTMENT WORKS
(EXPOSED)	EXPOSED PIPE
(IRRIGATION)	IRRIGATION PIPE
(L)	MAINS WITH LEAKAGE COLLECTION SYSTEM
(PC)	PENDING COMMISSIONED MAINS
(SCM100)	SHALLOW COVERED MAINS NO. 100
(SUBMARINE)	SUBMARINE PIPE
(TE)	TREATED EFFLUENT MAINS
(TMF)	TEMPORARY MAINS FOR FLUSHING
(W20163)	DRAWING REFERENCE
(WSD 437/...)	WSD FILE REFERENCE

METER

EMFM	ELECTROMAGNETIC FLOWMETER
FM	FLOWMETER
WDM	WASTE DETECTION METER
DM	DISTRICT METER

VALVE

BV	BUTTERFLY VALVE
GV	GATE VALVE
SC	STOP COCK
SV	SLUICE VALVE
V	GENERIC VALVE
WOV	WASHOUT VALVE

AIR VALVE

AV	GENERIC AIR VALVE
SAV	SINGLE AIR VALVE
DAV	DOUBLE AIR VALVE
MDAV	MULTI - PURPOSE DOUBLE AIR VALVE
ATV	GENERIC AIR VALVE ON INSPECTION TEE
STV	SINGLE AIR VALVE ON INSPECTION TEE
DTV	DOUBLE AIR VALVE ON INSPECTION TEE

ALPHABET OF ESSENTIAL VALVE REFERENCE NUMBER

FRESH WATER NETWORK SYSTEM

B	CONTROL VALVES OF DIRECT TEEING OFF TO SUPPLY FROM FRESH WATER TRUNK MAINS
C	CUT- LINE VALVES
D	ALL OTHER ESSENTIAL VALVES
M	DISTRICT BOUNDARY VALVES FOR DISTRICT METERING AREAS AND PRESSURE MANAGEMENT AREAS
S	SCOUR VALVES
T	TRUNK MAIN VALVES INCLUDING THOSE AT TEES
V	VALVES UNDER CHINA WATER SCHEME, HIGH ISLAND WATER SCHEME AND PLOVER COVE WATER SCHEME

SALT WATER NETWORK SYSTEM

X	ESSENTIAL VALVES

CATHODIC PROTECTION INSTALLATION

TS1	TEST STATION NO.1
HA2(1)	HORIZONTAL ANODE NO. 2 (1 GROUP OF ANODE)
VA3(2)	VERTICAL ANODE NO. 3 (2 GROUPS OF ANODE)

編號 no.	日期 date	摘 要 description	簽署 Initial
C	6/12/19	GENERAL REVISION	SE/PGIS
B	11/02/11	GENERAL REVISION	(Signed) L.H. LAM SE/Dev(SD)
A	16/06/05	GENERAL REVISION	(Signed) K.T. CHAN SE/AM

修 訂 REVISION

圖則名稱 drawing title	簽署 Initial		日期 date	圖則編號 drawing no. / 比例 scale
MAINS RECORDS SIGN CONVENTIONS AND DESIGNATIONS	繪製 drawn	N.I. CHEUNG	03/03/98	SK 3988C / NOT APPLICABLE
	核對 checked			
	加簽 endorsed			
	核准 approved (Signed)	C.C. CHAN CE/RA	12/03/98	水 務 署 Water Supplies Department

A4 210 X 297

CAD REF. SK3988C.DWG
PLOTTING SCALE 1 : 1

HGC Global Communications Limited
環球全域電訊有限公司
[redacted]

Date : 14 June 2022

Our Ref : HGC-NMP-20220614-0009
Your Ref : KWR01/006G-3

BEN TSE & ASSOCIATES LTD
[redacted]

Attn: Ben Tse

Dear Ben Tse,

RE: **Proposed Residential Development at 1 & 1A Kotewall Road, Mid-level West, Hong Kong**
Records of Adjacent Untilities Services

Thank you for your letter dated 21 Feb 2022 regarding the above captioned.

We enclose a copy of your plan, Dwg. no. HGC-WES-0001-01 showing the approximate location of our existing plant in the vicinity of your construction site.

Please note that the depth of the plant may vary for various reasons. Therefore, you may expect to find the plant located at any depth below surface level on site. We advise you to take utmost caution when excavating in the area and the plant should be located by hand excavation prior to the commencement of work. In the event that we suffer any losses, costs or damages as a result of your operations, you will be held liable and shall indemnify us for all such as losses, costs and damages arising from your actions.

In case you could not find the details of our underground plant record in our drawings / layout plans due to the site boundary of the project is too extensive, you are advised to provide us with your detailed drawings / layout plans with scale of 1 : 1000 in A4 or A3 size for our follow-up.

For further information, please contact our Timothy Chung on telephone no. [redacted] or our Mr. SC Cheung at [redacted] or by fax no. [redacted].

Yours faithfully,
HGC Global Communications Limited

This is a **computer-generated** document. No signature is required.

SC/TC/JL

編號 385946
No.

公 司 註 冊 處
COMPANIES REGISTRY

公 司 更 改 名 稱 證 明 書
CERTIFICATE OF CHANGE OF NAME

* * *

本 人 謹 此 證 明
I hereby certify that

HUTCHISON GLOBAL COMMUNICATIONS LIMITED
和記環球電訊有限公司

已 藉 特 別 決 議 更 改 其 名 稱 ， 該 公 司 根 據
having by special resolution changed its name, is now incorporated under the

香 港 法 例 第 622 章《 公 司 條 例 》註 冊 的 名 稱 現 為
Companies Ordinance (Chapter 622 of the Laws of Hong Kong) in the name of

HGC GLOBAL COMMUNICATIONS LIMITED
環球全域電訊有限公司

本 證 明 書 於 二 〇 一 七 年 十 一 月 十 四 日 發 出 。
Issued on 14 November 2017 .

.....
香港特別行政區公司註冊處處長鍾麗玲
Ms Ada L L CHUNG
Registrar of Companies
Hong Kong Special Administrative Region

註 Note :
公司名稱獲公司註冊處註冊，並不表示獲授予該公司名稱或其任何部分的商標權或任何其他知識產權。
Registration of a company name with the Companies Registry does not confer any trade mark rights or any other intellectual property rights in respect of the company name or any part thereof.



HGC	**Legend**
1. THE POSITION OF PLANT INDICATED ON THIS DRAWING IS APPROXIMATE ONLY. 2. THE DEPTH OF OUR EXISTING PLANT MAY VARY DUE TO UNDERGROUND OBSTRUCTIONS.	Existing Duct Existing Joint Box SDR Boundary Existing plant in the vicinity

Letter Ref. :	HGC-NMP-20220614-0009				
Survey Map No. :	11SW07D2	Drawn By :	JOSEPHL	Checked By :	SC CHEUNG
Drawing No. :	HGC-WES-0001-01	Date :	2022-6-14	Date :	2022-6-14

34619846

香港寬頻
HONG KONG
BROADBAND NETWORK

Date : 14 July 2022
Tel : 3999 3714
Fax : 3999 7252
Ref. : HKBN/0653/CEN/22/MP/R/DL

Ben Tse & Associates Ltd.

[redacted]

By FAX [redacted] ONLY

Attention: Ben Tse

Dear Sir/Madam,

Propsed Residential Development at 1&1A Kotewall Road, Mid-level West, HK
Records of Adjacent Utilities/Services

With reference to your letter ref. KWR01/006G-4 dated 17 June 2022 regarding the captioned project.

We enclose a set of drawing showing the approximate location of our existing or proposed underground plant in the area of your proposed excavations. *However, the information contained in this drawing can only be used in conjunction with the proposed work and must not be disclosed to other third party.*

Please note that the depth of the plant may vary for various reasons. Therefore, you may expect to find the plant located at any depth below surface level on site. We advise you to take utmost caution when excavating in the area and to locate the plant by hand excavation prior to the commencement of work. In the event that we suffer any losses, costs or damages as a result of your operations, you will be held liable and shall indemnify us for all such losses, costs and damages arising from your actions.

In view of our rapid network expansion, you must obtain our update utilities records not more than 3 months before the actual start date of your excavation work.

Should you have any queries related to this arrangement, please do not hesitate to contact the undersigned on Tel: [redacted] or email to [redacted].

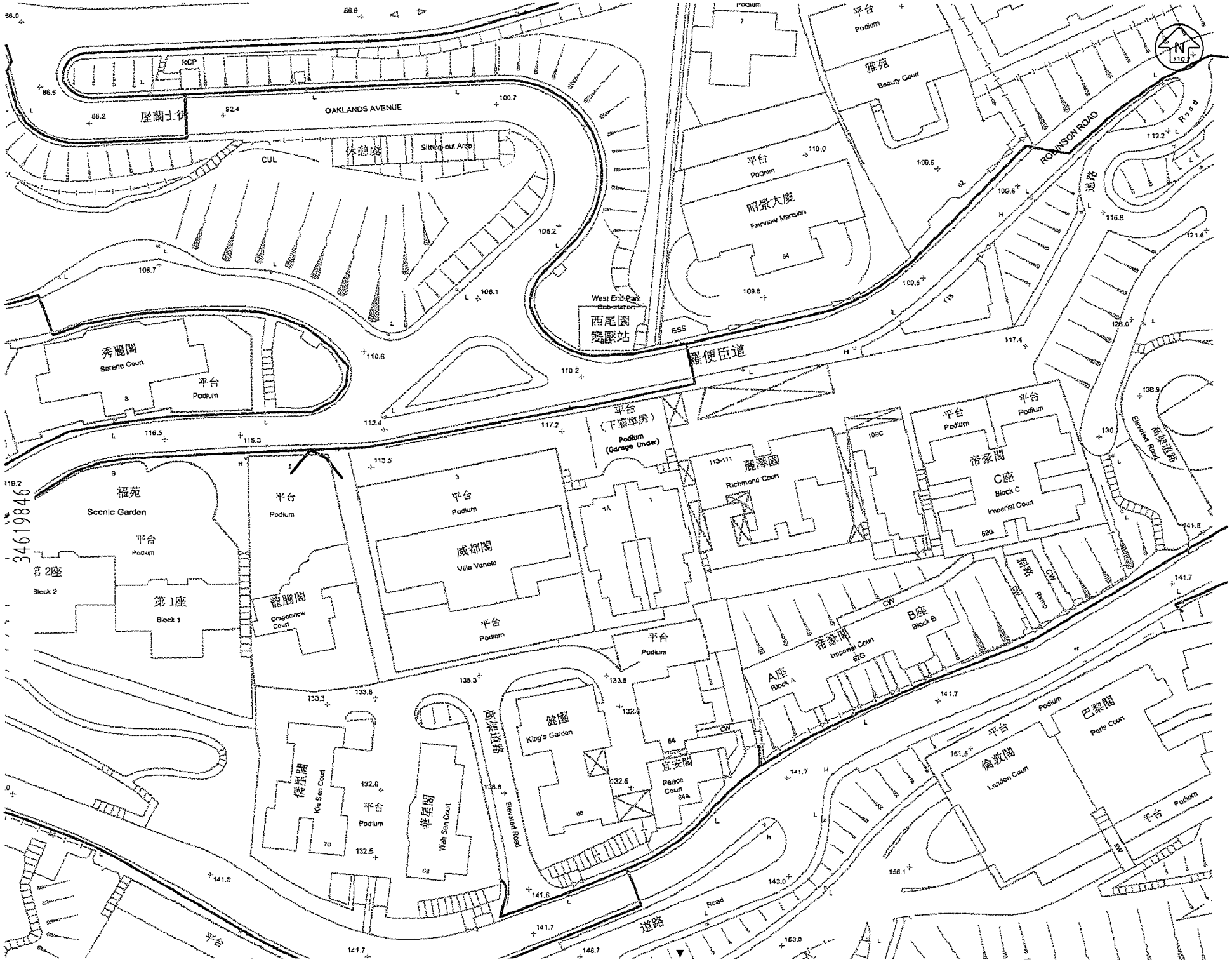
Thank you for your kind attention.

Yours faithfully,
For and on behalf of
Hong Kong Broadband Network Ltd.

Mr. S. T. Lee
Engineer II

Encl.: drawing no. HKBN/0653/CEN/22/MP/R (1 Sheet)

[*]



34619846

Sheet 1 of 1

PROPOSED POSITION (APPROX) OF :

UNDERGROUND D

HKBS JOINT RD

EXISTING POSITION (APPROX) OF :

UNDERGROUND D

HKBS JOINT RD

NOTE :

1. ALL DUCT 1-4 WAYS DIAMETRICALLY (
STATED IN PVC 90mm, 75mm & 110mm
MULTIPLE WAY DUCT ROUTES CAN BE FO
EARTH OR CONCRETE.

2. IN ACCORDANCE WITH HIGHWAYS OFFE
PERMIT, THE PROPOSED MINIMUM DEPTH
450mm IN FOOTWAY AND 900mm IN CA
THE ACTUAL COVER DEPTH AND FORMA
DUCT ROUTES MAY BE SUBJECT TO DEC
UNFORESEEN CONSTRUCTIONS.

LOCALITY : MID LEVEL

TITLE : PROPOSED AND E
AT KOTEWALL ROA

DRAWN BY : W.L.HO

CHECKED BY : S.T.LEE

APPROVED BY : L.Y.YU

SURVEY MAP NO. : SW07D

DWG.NO. : KBN/0653/CEN/2

OFTA NO. :

YOUR PLAN REF NO. :

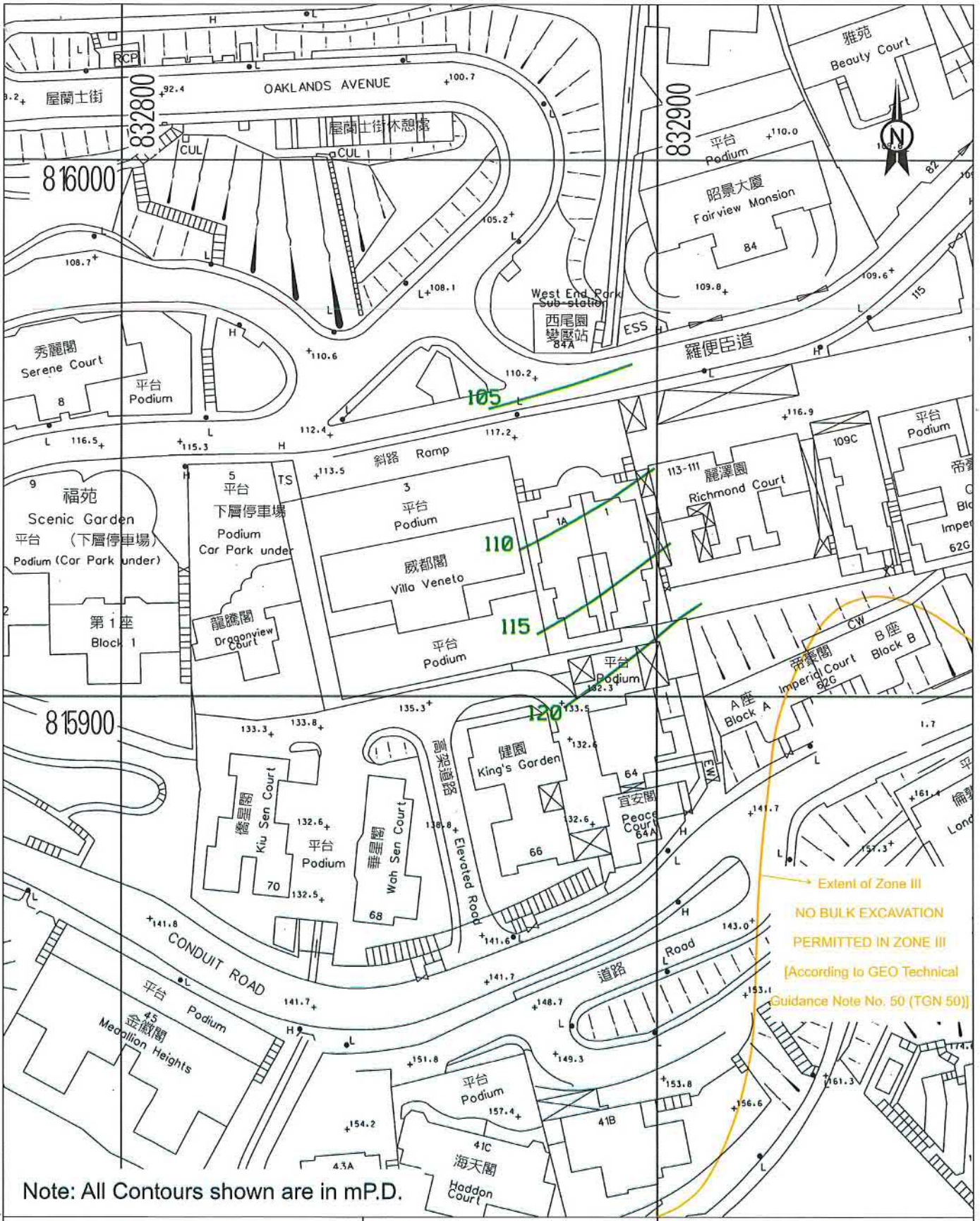
SCALE : 1 : 1000

DATE : 30/06/20

香港

APPENDIX H1

Bulk Excavation Limit Record

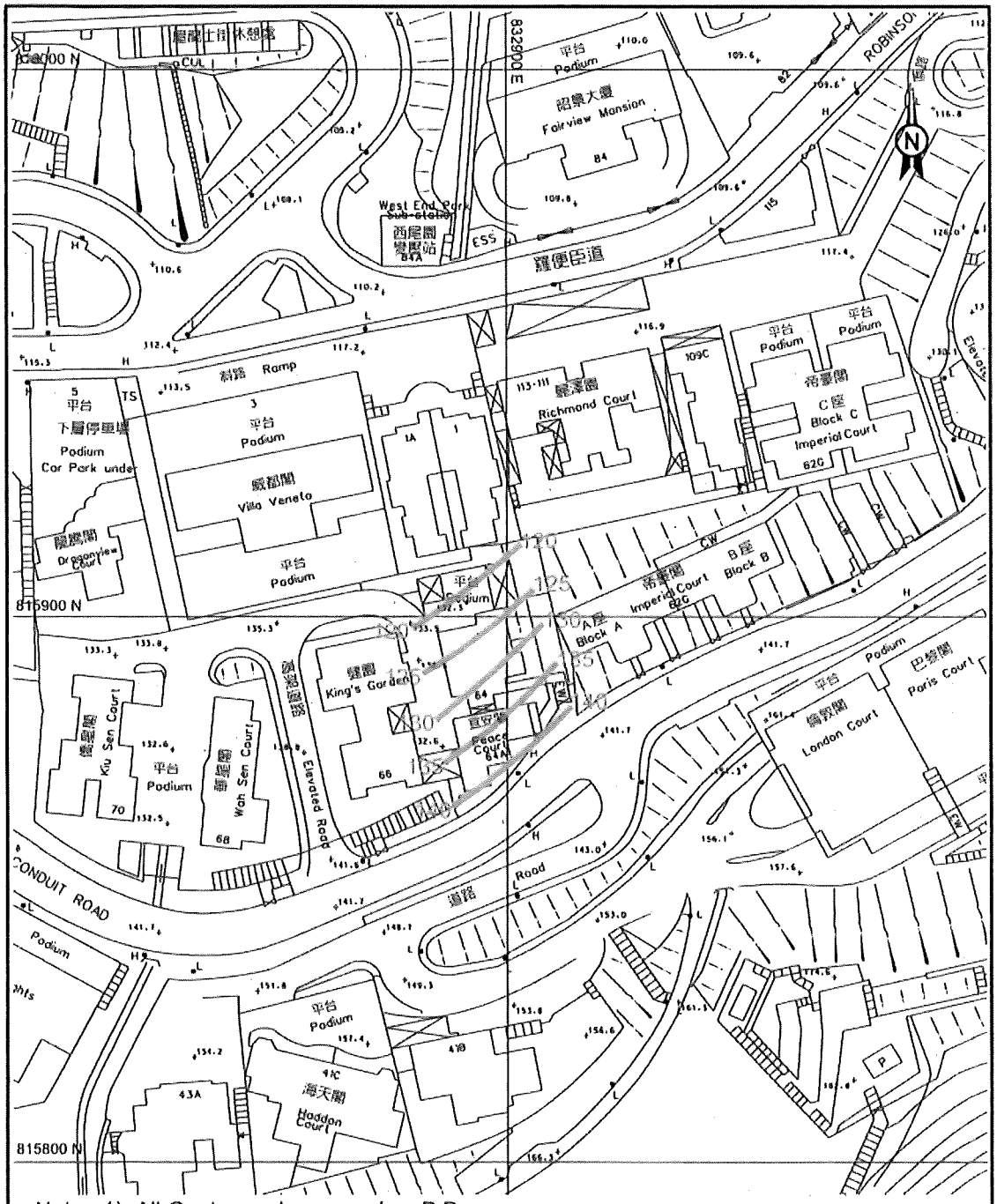


Note: All Contours shown are in mP.D.

Address: 1 & 1A Kotewall Road, Hong Kong	File Ref.: ISL-10-2010-3-2002/22	Scale: 1 : 1000
	Date: 25 March, 2022	Drawing No.: TBEL474

TENTATIVE BULK EXCAVATION LIMIT CONTOURS (SCHEDULED AREA NO. 1)

GCDIST 22 (Apr 98)



Address: 64 Conduit Road	File Ref.: ISL-10-2010-3-2003/26	Scale: 1 : 1000
	Date: 06 Febuary, 2026	Drawing No.: TBEL486

TENTATIVE BULK EXCAVATION LIMIT CONTOURS
(SCHEDULED AREA NO. 1)

GCDIST 22 (Apr 98)

APPENDIX H2

Justification on Local Excavation Below BEL

BD Ref. 2/2002/22
Proposed Residential Development at 1 & 1A Kotewall Road, Hong Kong

Date: December 22, 2022
Subject: Justification for Tentative Bulk Excavation Limit

A. Background

A.1 The subject site is located in Scheduled Area No. 1, which excavation is constrained by the Bulk Excavation Limit. The copy of GEO's drawing "Tentative Bulk Excavation Limit (TBEL) Contours" (Drawing no. TBEL 474) shows that the TBEL starts from +105mPD to +120mPD across the site. It is sloping up from Robinson Road / Kotewall Road towards Conduit Road.

A.2 The proposed development involves construction of a 22-storeys residential building with 18-storeys of residential tower, aiming to provide 28 nos. of residential units. 3 nos. of lifts located as shown on plan are necessary to provide vertical circulation within building.

A.3 As shown in **Section A-A** and **Section B-B**, lift pit of Lift 1, Lift 2 and Lift 3 encroached into Tentative Bulk Excavation Limit with around 1500mm in depth.

B. Justification

B.1 **Lift 2** and **Lift 3** are both disabled lifts. Referring to **LG2/F building plan** and **Section A-A**, the floor level of lift landing at LG2/F residential lift lobby is +110.90mPD. Due to statutory requirements of the access route from street to lift lobby area (indicated in **green dotted line** on LG2/F building plan), +110.90mPD is already the highest possible residential lift lobby level.

The initial access for person with disabilities is proposed at the highest existing street level (+110.00mPD). The building frontage, except run-in/out and existing retaining structure, is fully utilized as accessible ramps in order to achieve highest floor level at the lift lobby area. The gradient of accessible ramps are 1:12, which is the maximum under *Design Manual: Barrier Free Access 2008* by Buildings Department. For the common corridor connecting HV Switch Room and residential lift lobby, flat platform (green hatched area) is required according to HK Electric's requirement on transformer delivery route, therefore, +110.90mPD is keep from the accessible ramp to entrance of lift lobby.

B.2 **Lift 1** is a firemen's lift. Referring to **LG2/F building plan** and **Section B-B**, the floor level of lift landing at LG2/F is +111.80mPD. Due to statutory requirements of the access route from the platform to lift lobby area (indicated in **pink dotted line** on LG2/F building plan), +111.80mPD is already the highest possible lift landing level.

Lift landing area of Lift 1 shares same entrance with refuse storage and material recovery chamber, and so their levels need to be the same. According to *Cap. 123H Building (Refuse Storage and Material Recovery Chambers and Refuse Chutes) Regulations*, no steps is preferred along the passage from vehicular access point of refuse collection vehicle to refuse room, while ramp with gradient not larger than 1:20 is acceptable. In order to minimize the impact to TBEL, gradient of 1:10 is proposed for ramp to achieve a higher level at lift landing area. Yet, this modification still subject to Buildings Department's approval. Thus, +111.80mPD is expected to be the highest possible lift landing level.

B.3 Further to the residential lift lobby level (+110.90mPD) for Lift 2 and lift landing level (+111.80mPD) for Lift 1, minimum 1800mm lift pit is required as per *Code of Practice for Building Works for Lifts and Escalators 2011*. In order to minimize the impact to TBEL, 1500mm depth lift pit is proposed after intensive coordination with lift suppliers. Yet, this modification still subject to Buildings Department's approval. Together with the 200mm slab thickness (details refer to Section A-A and Section B-B drawings), the 3 lift pits will locally intruded in TBEL with around 1500mm in depth.

3. Refuse Room Passage
- no steps preferred, max. gradient 1:20 as per *Cap. 123H*
- Proposed 1:10 to minimize TBEL intrusion, subject to BD approval

∴+111.80mPD is highest possible lift landing level

2. Transformer Delivery
- Flat platform required as per HKE requirement

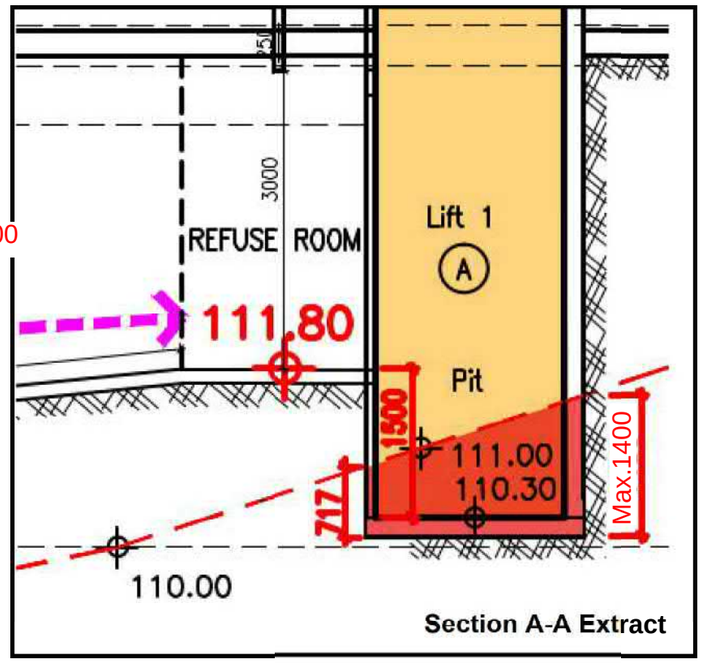
∴No ramp allowed to further raise lift lobby level

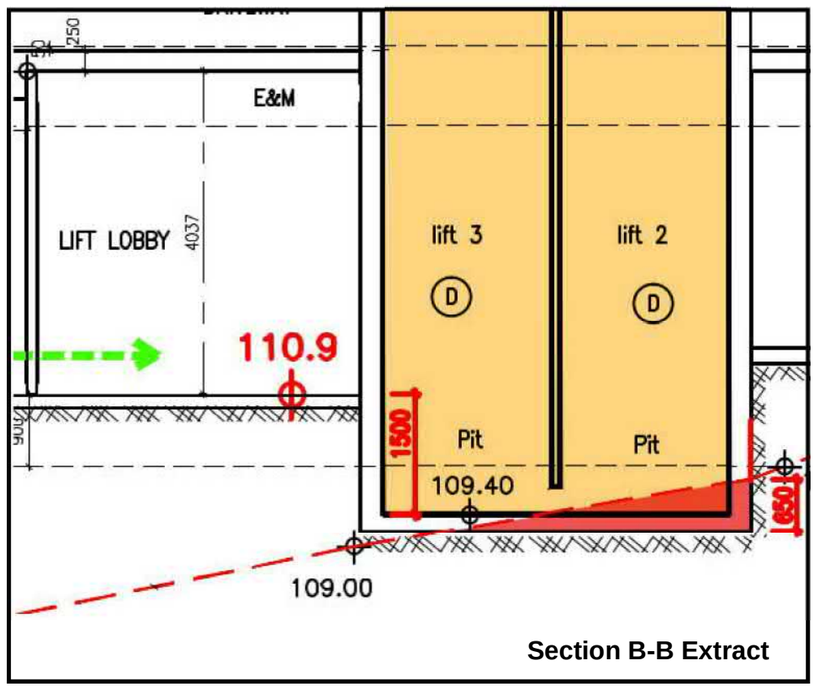
1. Access for Person with Disability
- Highest street level apart from run-in/out
- Make use frontage as ramp
- Ramp with max. gradient 1:12 as per *DM:BFA 2008*

∴+110.90mPD is highest possible lift lobby level

4. Lift Pit
- 1800mm lift pit depth as per *CoP for Building Works for Lifts and Escalators*
- 200mm slab thickness
- Proposed 1500mm lift pit depth after coordination with supplier, subject to BD approval

Max.1400





LG2/F Plan

Podium

Villa Veneto

Richmond Court 113-111

Podium

RAMP UP 113.5

111.80

110.90

110.00

1:10

1:12

1:12

2280
Existing Retaining Structure to be retained

10000
Ramp

6000
Run in/ Run out

DRIVEWAY

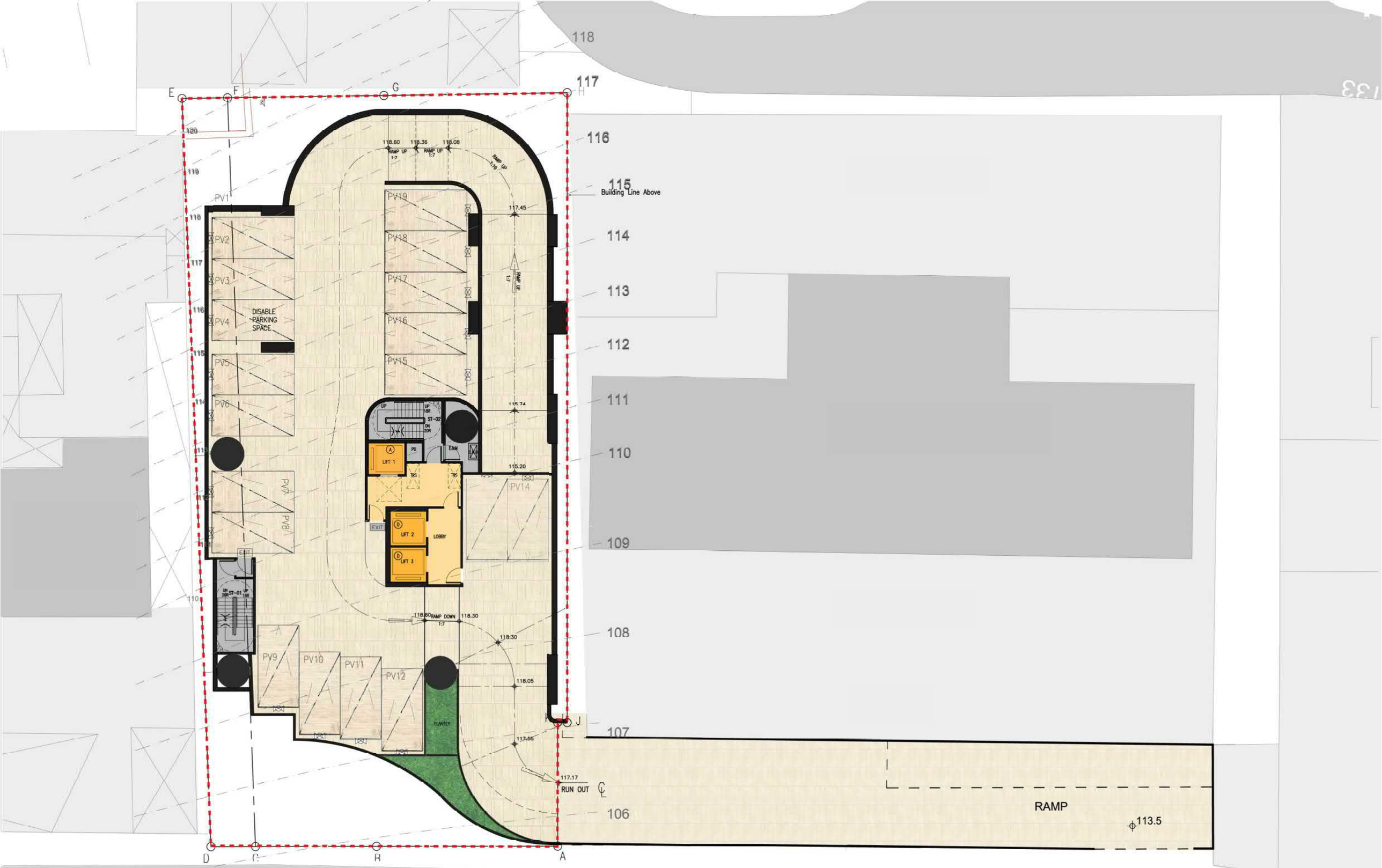
ROBINSON ROAD

KOTEWALL ROAD

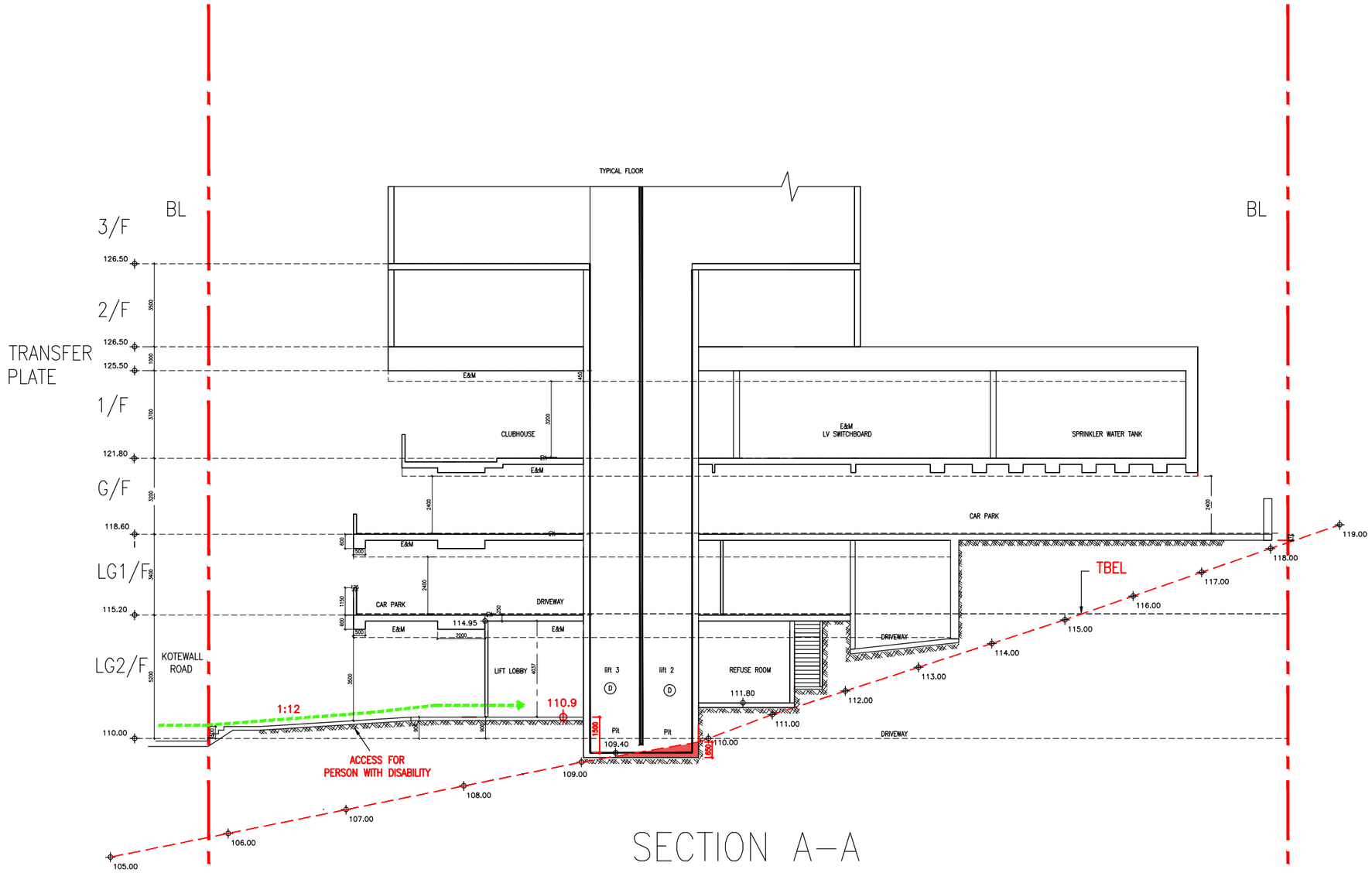
LG2/F Plan


E
F
G
H
J
D
C
B
A
118
117
116
115
114
113
112
111
110
109
108
107
106
105
120
119
118
117
116
115
114
113
112
111
110
118.02
118.08
L7
RAMP UP
1:10
117.45
RAMP UP
1:7
113.99
RAMP UP
113.18
1:7
RAMP UP
1:10
114.445
115.74
114.62
RAMP UP
1:10
UP
10R
ST-02
DN
15R
TBE
EAM
LIFT 1
TRS
115.2
PV7
115.20
LIFT 2
LIFT 3
LIFT
LOBBY
EXIT
DRIVEWAY
PV1
PV2
PV3
PV4
PV5
PV6
116.10
117.13
117.15
RAMP
113.5
ROBINSON ROAD
KOTEWALL ROAD

LG1/F Plan


E
F
G
H
117
118
116
115
Building Line Above
114
113
112
111
110
109
108
107
106
105
120
119
118.60
RAMP UP 1:7
118.36
RAMP UP 1:7
118.08
RAMP UP 1:7
PV1
PV2
PV3
PV4
DISABLE PARKING SPACE
PV5
PV6
PV7
PV8
PV19
PV18
PV17
PV16
PV15
PV14
117.45
RAMP UP 1:7
115.74
ST-02
UP 15R
DN 20R
LIFT 1
PD
E&M
115.20
TRS
TRS
LIFT 2
LIFT 3
LOBBY
EXIT
ST-01
UP 18R
DN 20R
118.60
RAMP DOWN 1:7
118.30
118.30
118.05
PV9
PV10
PV11
PV12
PLANTER
117.65
117.17
RUN OUT
RAMP
113.5
D
C
B
A
J
ROBINSON ROAD
KOTEWALL ROAD

G/F Plan



SECTION A–A

B.D. REFERENCE	屋宇署檔案
F.S.D. REFERENCE	消防處檔案
W.W.O. REFERENCE	水務署檔案
CAD FILE NAME	檔案編號
NOTES	注釋

NO. 修定號	REVISIONS 修定內容	DATE 日期	BY 經手人

DLN Architects Limited
劉梁嚴伍嚴民建築師有限公司

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所有尺寸須由承建商於工地核實

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所有印晒、規格說明及所有的版權屬於建築師及應在工程完結後將其歸還建築師

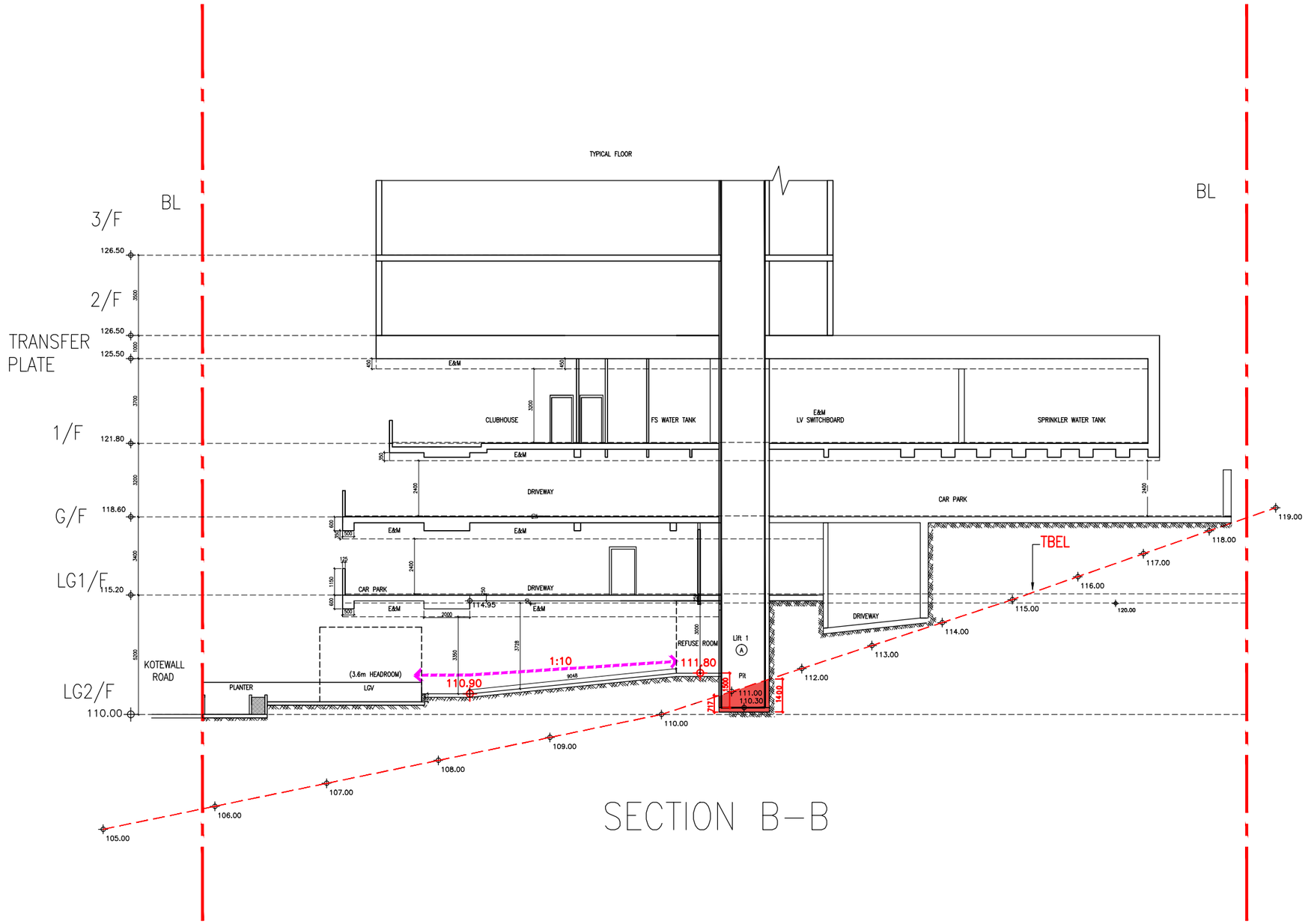
PROJECT 項目名稱

RESIDENTIAL DEVELOPMENT
AT 1 & 1A, KOTEWALL ROAD,
MID-LEVELS WEST.

DRAWING TITLE 標題

SECTION A–A

SCALE 比例	DATE 日期
1:100(A1)	DEC 2022
DRAWN BY 製作人	CHECKED BY 檢查
HK	––
JOB NO. 工程項目	DRAWING NO. 圖號
N3202–H	



SECTION B–B

B.D. REFERENCE	屋宇署檔案
F.S.D. REFERENCE	消防處檔案
W.W.O. REFERENCE	水務署檔案
CAD FILE NAME	檔案編號
NOTES	注釋

NO. 修定號	REVISIONS 修定內容	DATE 日期	BY 經手人

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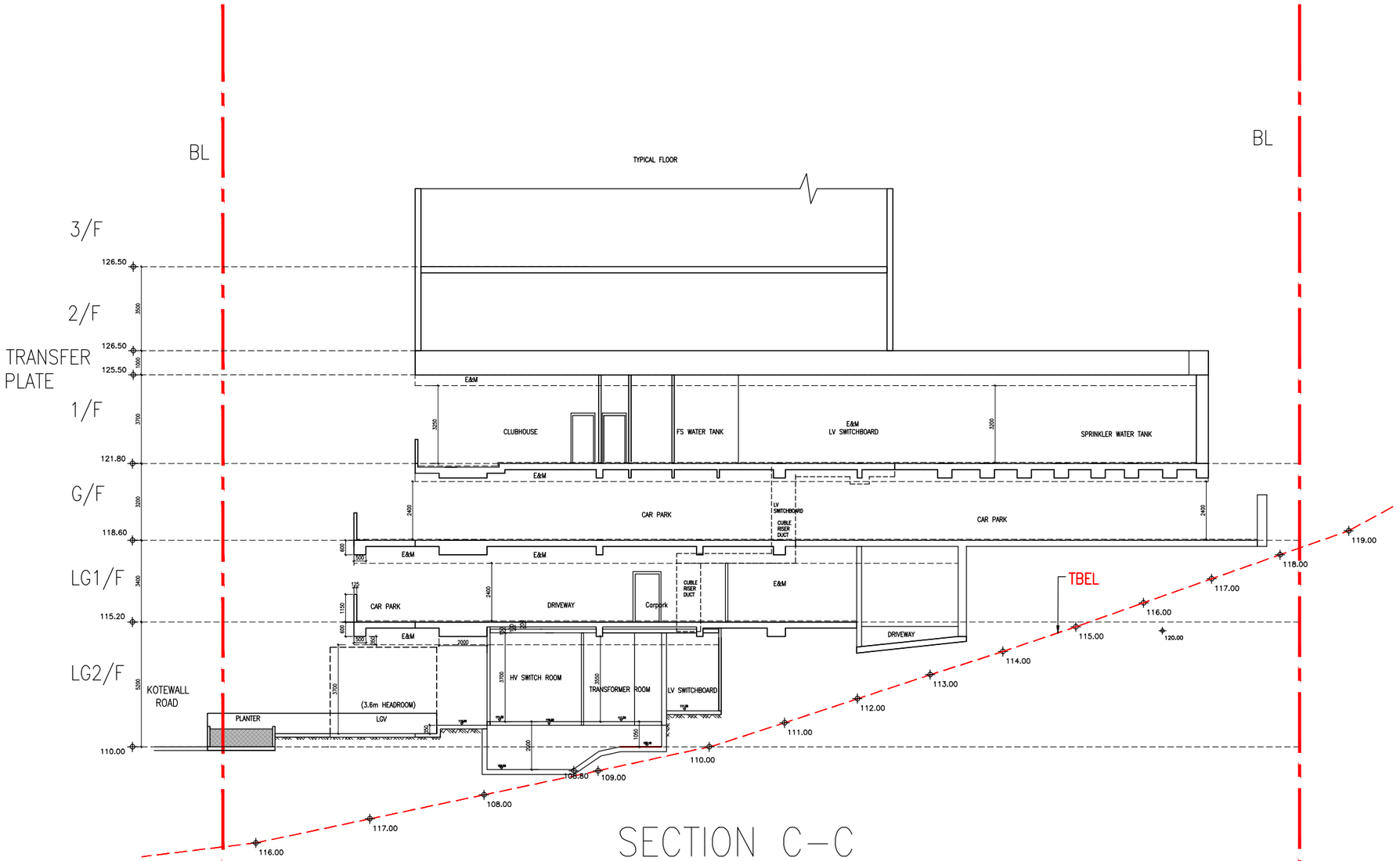
PROJECT 項目名稱

RESIDENTIAL DEVELOPMENT
AT 1 & 1A, KOTEWALL ROAD,
MID-LEVELS WEST.

DRAWING TITLE 標題

SECTION B–B

SCALE 比例	DATE 日期
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DRAWN BY 製作人	CHECKED BY 檢查
HK	––
JOB NO. 工程項目	DRAWING NO. 圖號
N3202–H	



SECTION C–C

B.D. REFERENCE	屋宇署檔案
F.S.D. REFERENCE	消防處檔案
W.W.O. REFERENCE	水務署檔案
CAD FILE NAME	檔案編號
NOTES	注釋

NO. 修定號	REVISIONS 修定內容	DATE 日期	BY 經手人

DLN Architects Limited
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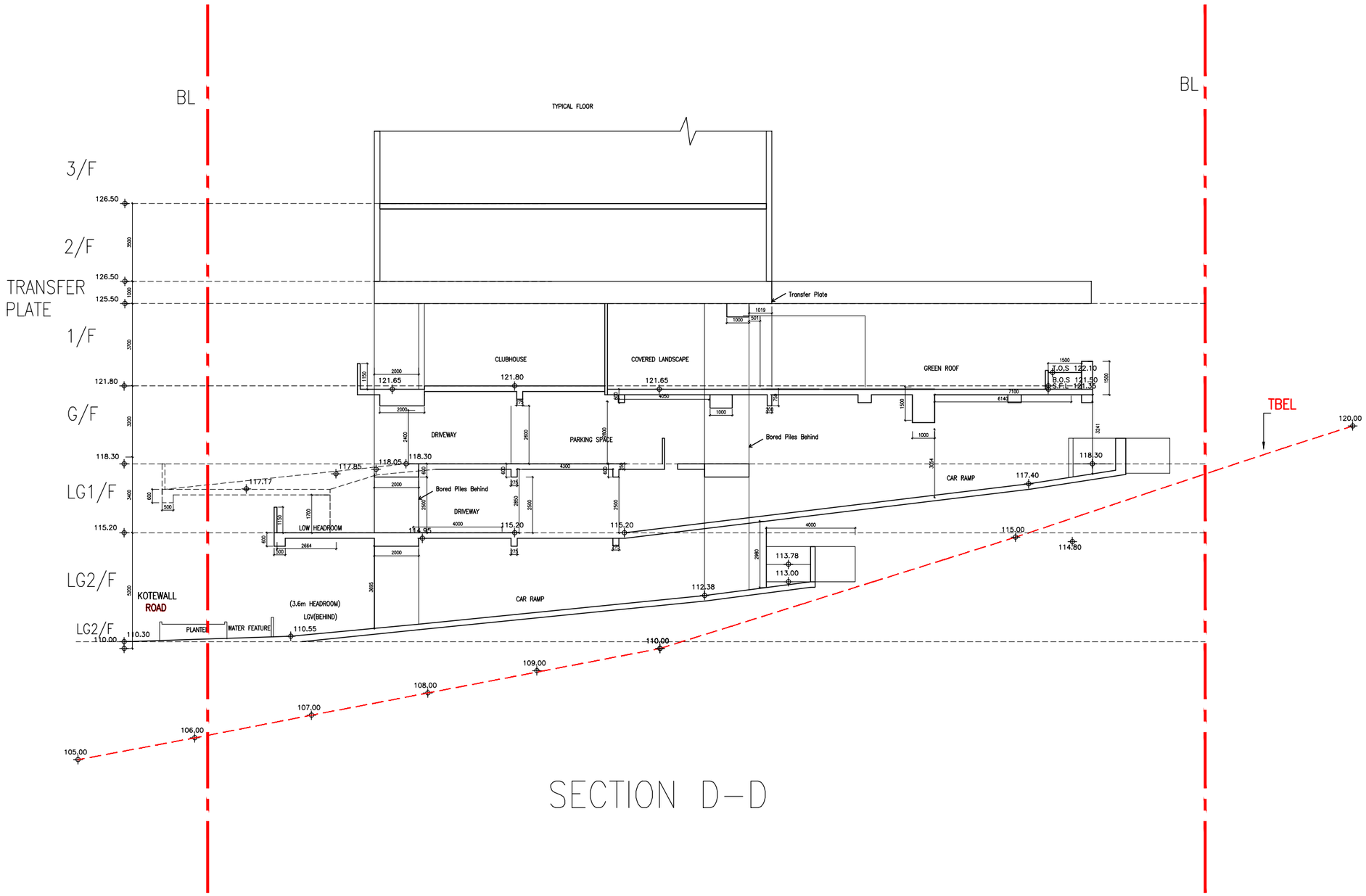
PROJECT 項目名稱

RESIDENTIAL DEVELOPMENT
AT 1 & 1A, KOTEWALL ROAD,
MID-LEVELS WEST.

DRAWING TITLE 標題

SECTION C–C

SCALE 比例	DATE 日期
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DRAWN BY 製作人	CHECKED BY 檢查
HK	––
JOB NO. 工程項目	DRAWING NO. 圖號
N3202–H	



SECTION D–D

B.D. REFERENCE	屋宇署檔案
F.S.D. REFERENCE	消防處檔案
W.W.O. REFERENCE	水務署檔案
CAD FILE NAME	檔案編號
NOTES	注釋

NO. 修定號	REVISIONS 修定內容	DATE 日期	BY 經手人

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PROJECT 項目名稱

RESIDENTIAL DEVELOPMENT
AT 1 & 1A, KOTEWALL ROAD,
MID-LEVELS WEST.

DRAWING TITLE 標題

SECTION D–D

SCALE 比例	DATE 日期
1:100(A1)	DEC 2022
DRAWN BY 製作人	CHECKED BY 檢查
HK	––
JOB NO. 工程項目	DRAWING NO. 圖號
N3202–H	

H:\Dwgs\ACAD\Sketches\SK-16\2022-12-19 For GEO Submission\2022-12-22 SK16 Plan for GEO Submission_V2.DWG, 1:200, Project No.: N3202-H