

Appendix 4

Water Supply Appraisal

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Water Supply Appraisal

For

Amendment of Plan to

Rezone from “Residential (Group D)” (“R(D)”), “Residential (Group E)”

(“R(E)” and an area shown as ‘Road’

to “Residential (Group C)3) (“R(C)3”

on the Approved Ho Chung Outline Zoning Plan No. S/SK-HC/11

at Various Lots in Demarcation District 210 and Demarcation District 244

and Adjoining Government land

Ho Chung, Sai Kung, New Territories, Hong Kong

Prepared by: Prudential Surveyors International Limited
Version A
Date: August 2023

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1. Introduction

- 1.1.1 This Water Supply Appraisal is to support a planning permission from the Town Planning Board (TPB) under Section 12A of the Town Planning Ordinance (CAP. 131) for a proposed rezone of the Subject Site from “Residential (Group D)” (“R(D)”), “Residential (Group E)” (“R(E)” and an area shown as ‘Road’ to “Residential (Group C)3” (“R(C)3” within various lots within DD210 and DD244 and adjoining government land in Ho Chung, Sai Kung, New Territories. The application Site (**the Site**) is composed of 3 parcels, namely Parcel A, B and C. [refer to **Figure 1.1**]
- 1.1.2 The owner of the application site has the intention to construct six individual houses with twelve car parking spaces in Parcels A and B of the Site and two individual house with four car parking spaces in Parcel C of the Site.

2. Proposed Development

- 2.1.1 The proposed development (the Proposed Development) is to erect six individual houses in Parcel A and B of the Site and two individual house in Parcel C of the Site. The proposed gross floor area (GFA) of the houses are summarised in Table 1.1.

Propose House	Gross Floor Area (GFA) (sqm) (about)
House 1	283.35
House 2	283.35
House 3	283.35
House 4	283.35
House 5	283.35
House 6	283.35
House 7	345.75
House 8	345.75
Total	2,391.6
Average	298.95

Table 1.1 Proposed GFA of Houses

3. Water Supply Appraisal

3.1 Existing Water Supply

- 3.1.1 According to the utility plan provided by the Highways Department Contractor for the Hiram’s Highway Improvement Stage 1 Project, there is an existing nominal diameter (DN)400 fresh water main located under Luk Mei Tsuen Road/ Ho Chung North Road in the vicinity of the Site. The existing water system is shown in **Figure 2.1**. The fresh water main was completed in February 2021¹.
- 3.1.2 According to the existing water mains record plan provided by Water Supplies Department, there are existing water mains within the Site and would be affected by the proposed development [refer to **Figure 3.1**].

¹ Highways Department’s web site (2023) Hiram's Highway Improvement Stage 1

3.1.3 According to the existing water mains record plan extracted from the Water Services Department (WSD) and **Figure 2.1**, there are no existing salt water mains in the vicinity of the Site [refer to **Figure 3.1**].

3.1.4 Based on the existing water mains record extracted from Water Supplies Department (WSD), the site is not within WSD gathering grounds. [refer to **Figure 3.1**]

3.2 Proposed Water Supply Connection

3.2.1 The water supply to Parcel A and B of the Site could be supplied with a connection to the existing DN400 fresh water main (water supply) that is located along Ho Chung North Road. The water supply to Parcel C of the site could also be connected to this fresh water main. The proposed connections are shown in **Figure 3.2**

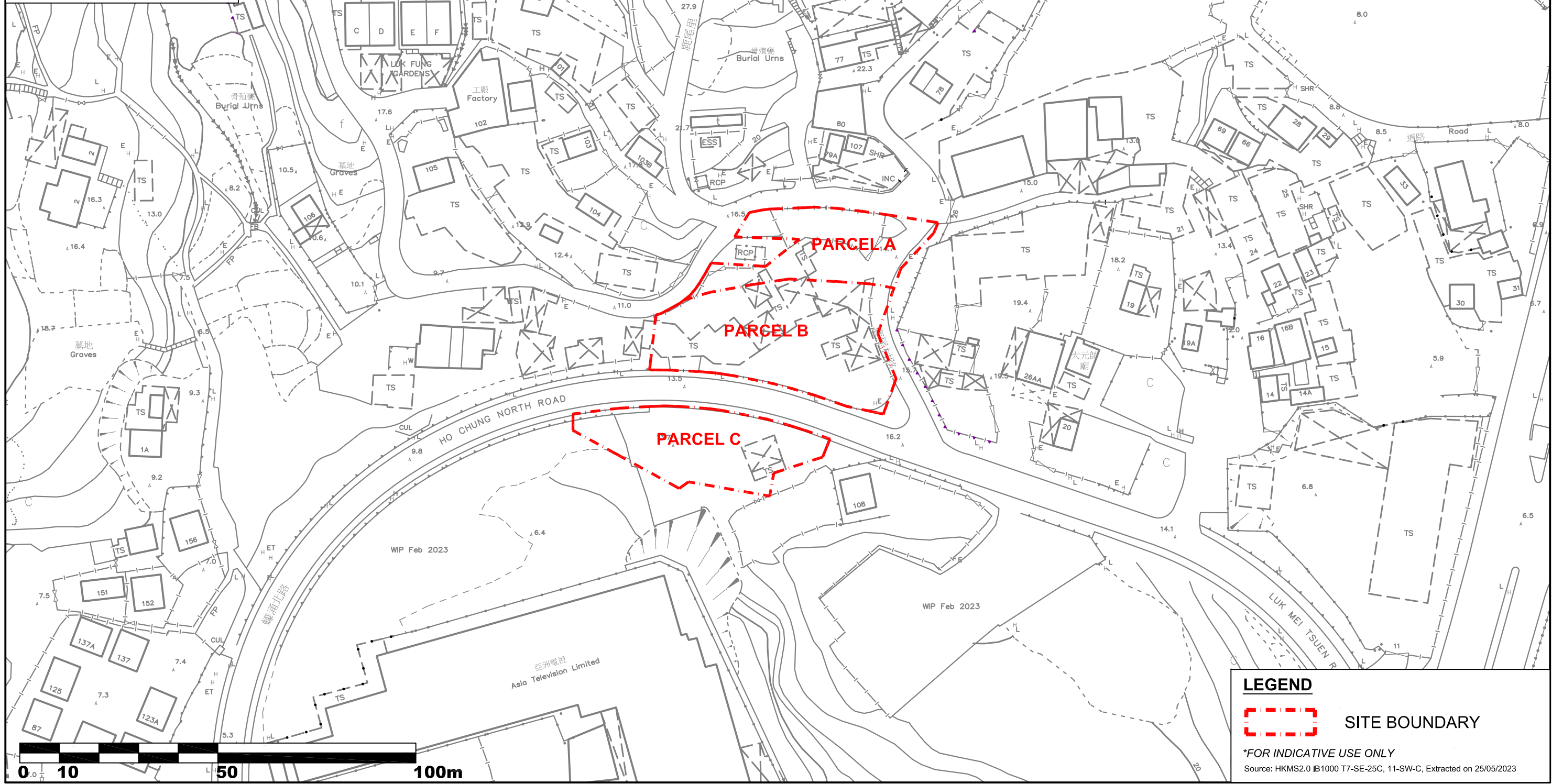
3.2.2 The existing water mains affected by the proposed development would be diverted.

4. Conclusion


4.1.1 In general, fresh water supply could be provided to the Site. This could be achieved by connecting the existing fresh water mains located on Ho Chung North Road for the Proposed Development.

Figures

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 SITE BOUNDARY

**FOR INDICATIVE USE ONLY*

Source: HKMS2.0 IB1000 T7-SE-25C, 11-SW-C, Extracted on 25/05/2023

File Name :
Source :

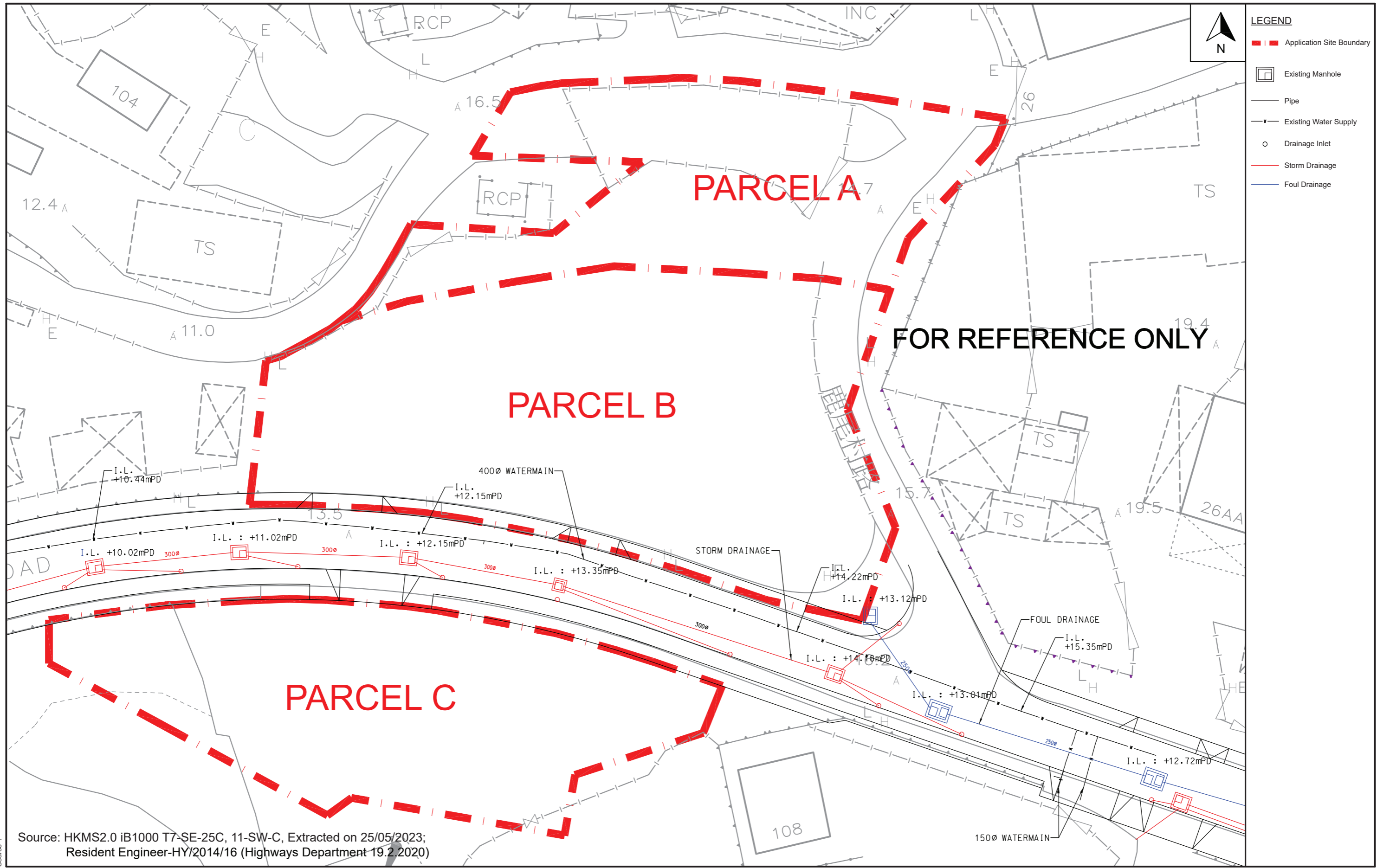
PRUDENTIAL 利達行
SURVEYING · LAND ADVISORY · VALUATION 行

ADDRESS: 2/F & 3/F TUNG HIP COMMERCIAL BUILDING
244 DES VOEUX ROAD CENTRAL HONG KONG
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JOB TITLE:
Amendment of Plan to Rezone from "Residential (Group D)" ("R(D)", "Residential (Group E)" ("R(E)") and an area shown as "Road" to "Residential (Group C)3" ("R(C)3") on the Approved Ho Chung Outline Zoning Plan No. S/SK-HC/11 at Various Lots in Demarcation District 210 and Demarcation District 244 and Adjoining Government land, Ho Chung, Sai Kung, New Territories, Hong Kong

Drawing Title
LOCATION PLAN

Drawn	CN	Date	19/07/2023	Drawing No.	
Checked	RT	Approved	RT	Figure 1.1	
Scale	1:1000 @ A3		Rev.	-	
Rev	Description	Date			



File Name :
Source :

<p>PRUDENTIAL SURVEYING · LAND ADVISORY · VALUATION</p>	<p>ADDRESS: 2/F & 3/F TUNG HIP COMMERCIAL BUILDING 244 DES VOEUX ROAD CENTRAL HONG KONG TEL: 2507 8333 FAX: 2598 6576</p>	<p>JOB TITLE: Amendment of Plan to Rezone from "Residential (Group D)" ("R(D)", "Residential (Group E)" ("R(E)") and an area shown as "Road" to "Residential (Group C)3" ("R(C)3") on the Approved Ho Chung Outline Zoning Plan No. S/SK-HC/11 at Various Lots in Demarcation District 210 and Demarcation District 244 and Adjoining Government land, Ho Chung, Sai Kung, New Territories, Hong Kong</p>	<p>Drawing Title UTILITY PLAN</p>	<p>Drawn CN Date 07/08/2023</p>	<p>Drawing No. Figure 2.1</p>									
				<p>Checked RT Approved RT</p>										
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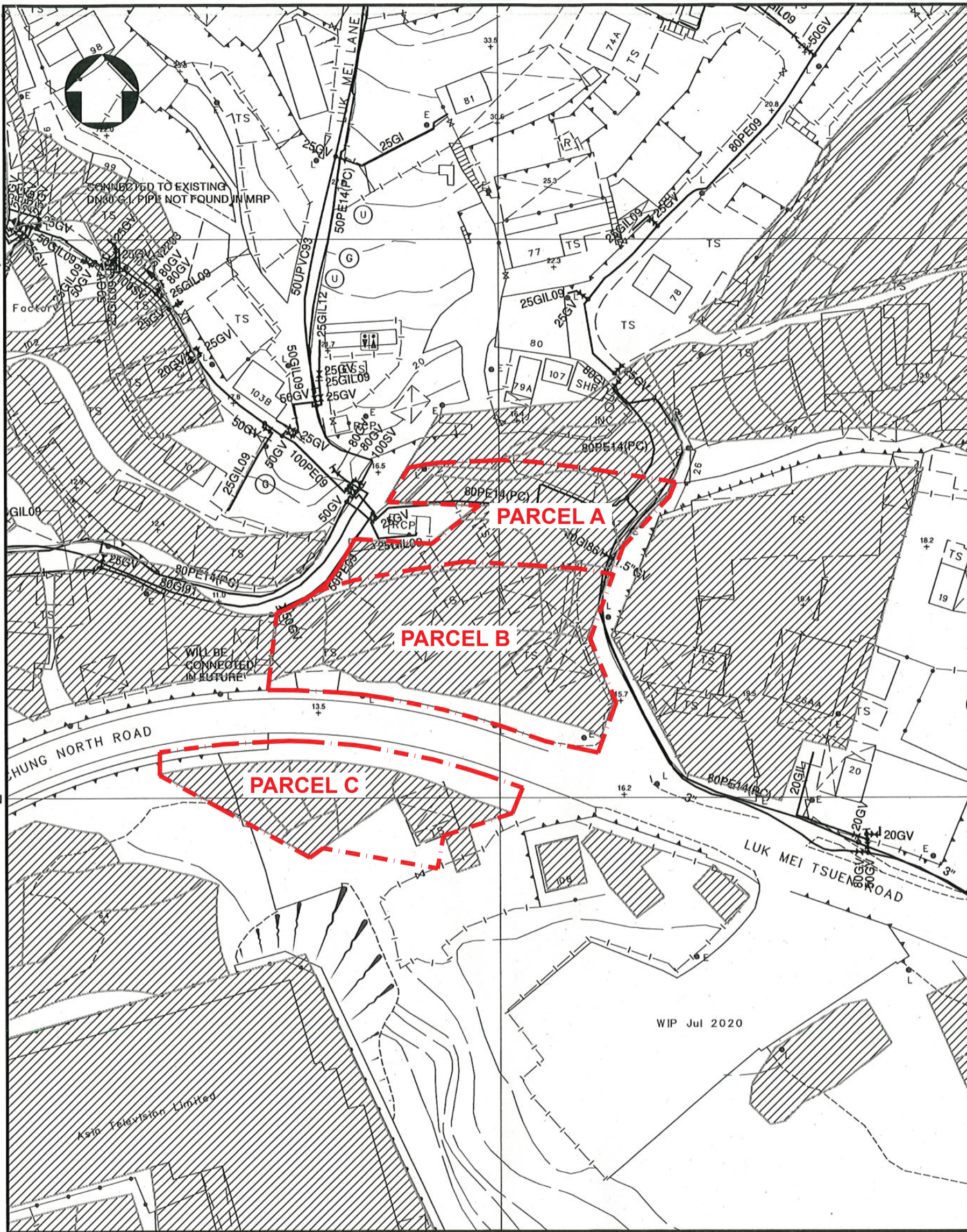
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- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
 2. ALL LEVELS ARE IN METRES ABOVE PRINCIPAL DATUM.
 3. INFORMATION ON ALIGNMENT OF MAINS IS OF INDICATIVE VALUE ONLY. WHERE POSITIONAL ACCURACY MAY BE OF IMPORTANCE, DETAILS SHOULD BE SITE CHECKED.
 4. NO EXISTING SALT WATER MAINS IN THE VICINITY OF THE SITE.
 5. THE SITE IS NOT WITHIN WSD GATHERING GROUNDS.

PRIVATE LOT
BOUNDARY
(FOR REF. ONLY)



LEGEND

 APPLICATION SITE BOUNDARY

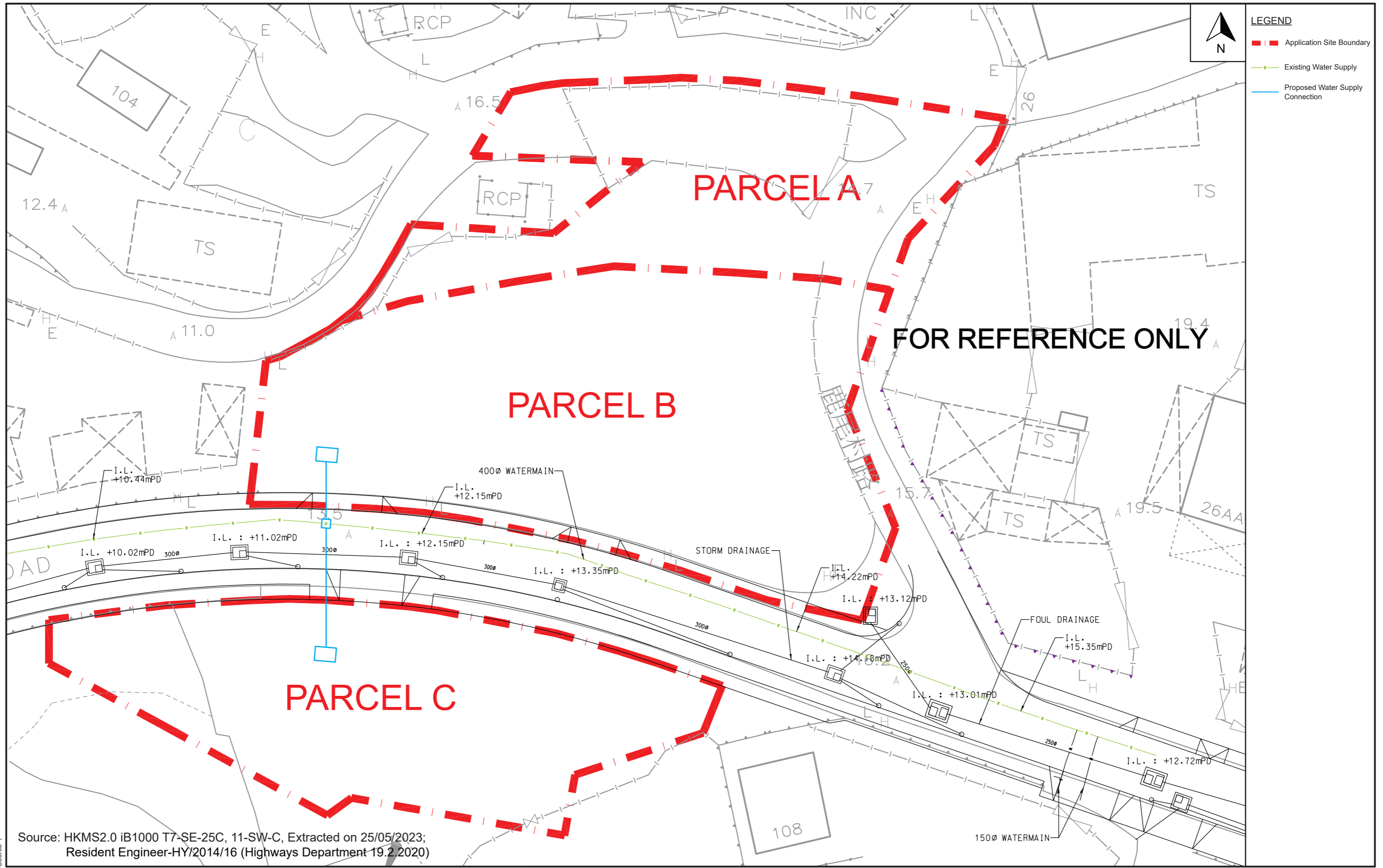
Source: Water Supplies Department W67880/7-SE-25C (11 Jul 2023)



JOB TITLE:
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Drawing Title
COPY OF THE FRESH WATER MAINS RECORD PLAN

Drawn	CN	Date	07/08/23	Drawing No.	
Checked	RT	Approved	RT	FIGURE 3.1	
Rev	Description	Date	Scale	Rev.	-



File Name :
Source :

<p>PRUDENTIAL SURVEYING · LAND ADVISORY · VALUATION</p>	<p>ADDRESS: 2/F & 3/F TUNG HIP COMMERCIAL BUILDING 244 DES VOEUX ROAD CENTRAL HONG KONG TEL: 2507 8333 FAX: 2598 6576</p>	<p>JOB TITLE: Amendment of Plan to Rezone from "Residential (Group D)" ("R(D)", "Residential (Group E)" ("R(E)") and an area shown as "Road" to "Residential (Group C)3" ("R(C)3") on the Approved Ho Chung Outline Zoning Plan No. S/SK-HC/11 at Various Lots in Demarcation District 210 and Demarcation District 244 and Adjoining Government land, Ho Chung, Sai Kung, New Territories, Hong Kong</p>	<p>Drawing Title PROPOSED WATER SUPPLY CONNECTION</p>			<p>Drawn CN</p>	<p>Date 07/08/2023</p>	<p>Drawing No. Figure 3.2</p>
			<p>Checked RT</p>	<p>Approved RT</p>	<p>Scale N.T.S.</p>	<p>Rev.</p>		
			<p>Rev</p>	<p>Description</p>	<p>Date</p>	<p>Rev.</p>		