

From: Tsui Ling Chung <[REDACTED]>
Sent: 2025-11-05 Wednesday 15:54:23
To: tpbpd/PLAND <tpbpd@pland.gov.hk>
Cc: [REDACTED]
Subject: A/YL-SK/421 補充文件
Attachment: A_YL-SK_421 回應渠務署、地政總處、運輸署意見.pdf; A_YL-SK_421 回應部門意見.pdf; A_YL-SK_421 排水建議.pdf

現提交相關規劃申請的補充資料文件，另更正排水建議中的擬議渠道 225UC 全部改為 300UC，謝謝。如有疑問請致電 [REDACTED]。

申請人 夏佩娟
2025 年 11 月 5 日

申請編號：TPB/A/YL-SK/421

申請地點：新界元朗八鄉蓮花地丈量約份第 112 約地段第 387 號(部份)

電話：[REDACTED]

聯絡地址：新界元朗八鄉橫台山永寧里 2 號 1 樓

回應部門意見

渠務署：

1. 本人已聘請渠務顧問，但需時完成排水報告。

地政總署：

2. 本人承諾會為地點內的構築物申請短期豁免書。
3. 是次規劃申請只為臨時用途，不影響原有的鄉村式發展及農業土地用途，亦會在規劃申請到期、不獲續期或中止後回復原有土地面貌（種草）。
4. 申請地點早前已完成填土，現在希望填土合法化，不會進行額外填土工程。

運輸署：

5. 申請地點只允許指定車輛停泊（私家車、電單車及輕型貨車），其他類型之車輛一律禁止駛入，因此不會對交通造成負面影響。

申請人 夏佩娟

2025 年 8 月 19 日

申請編號：TPB/A/YL-SK/421

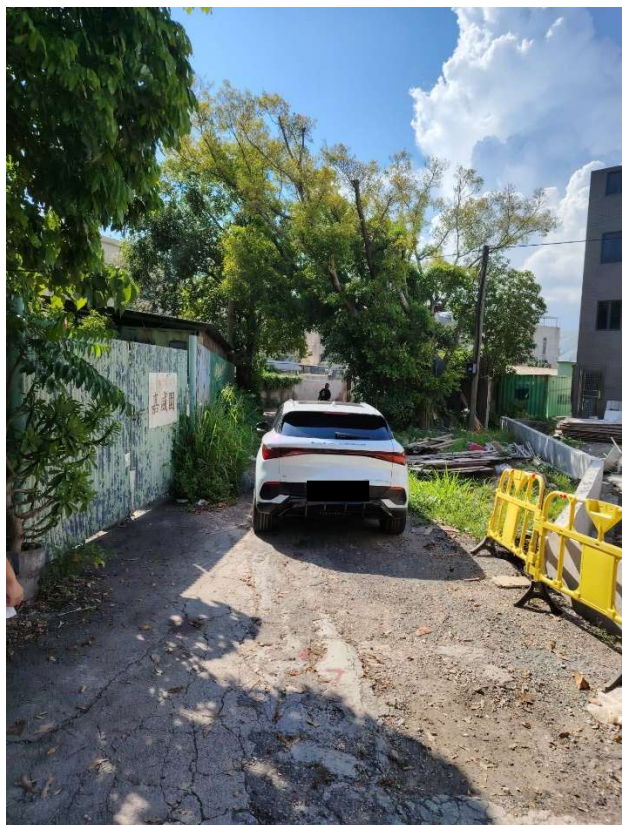
申請地點：新界元朗八鄉蓮花地丈量約份第 112 約地段第 387 號(部份)

電話：[REDACTED]

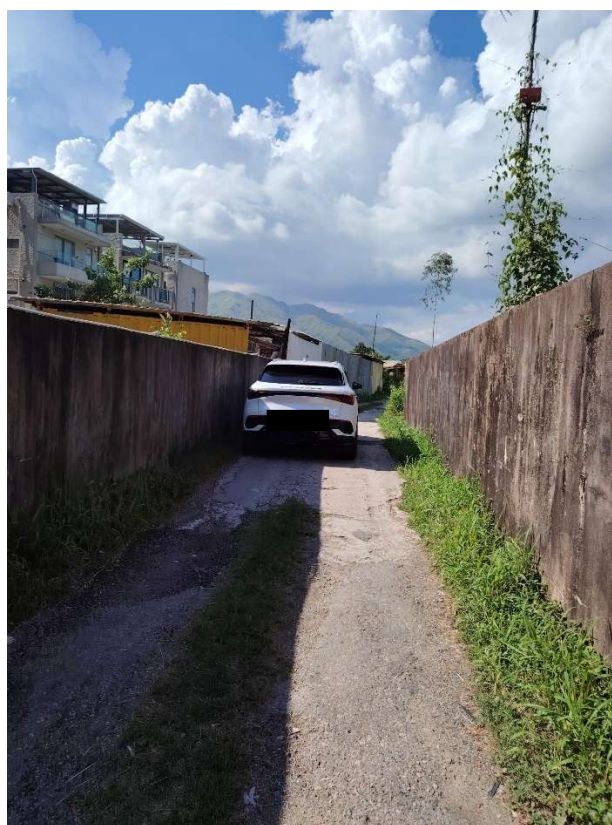
聯絡地址：新界元朗八鄉橫台山永寧里 2 號 1 樓

回應部門意見

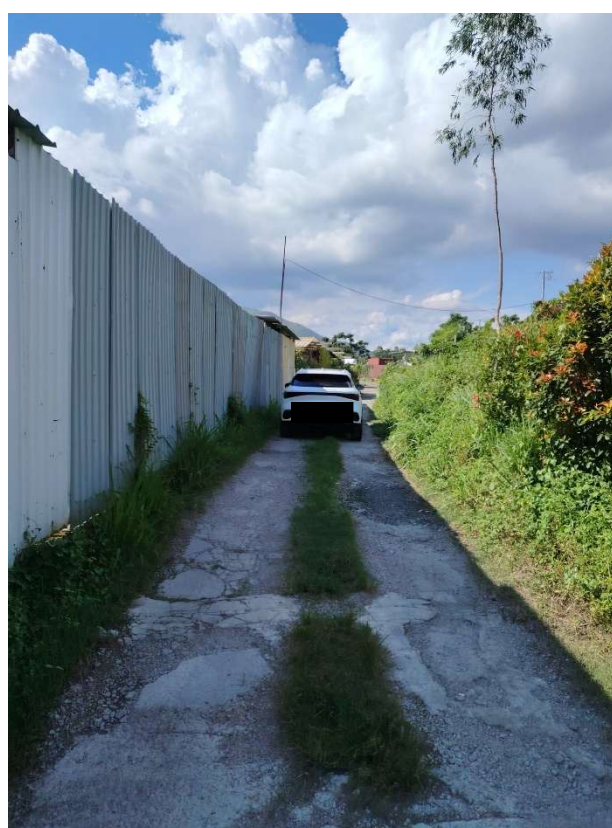
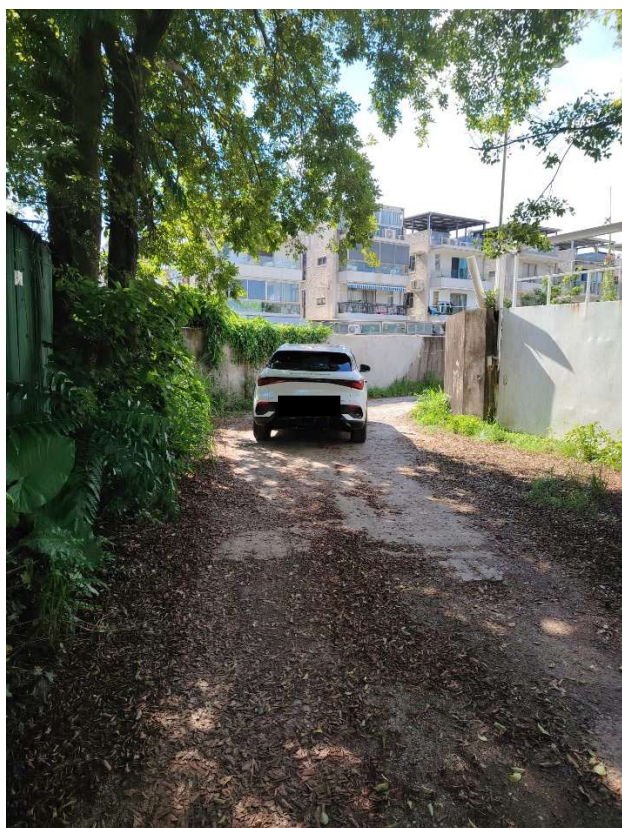
(a) 車輛能在申請場地及鄰近路段順暢行駛，請參考以下圖片：



1)



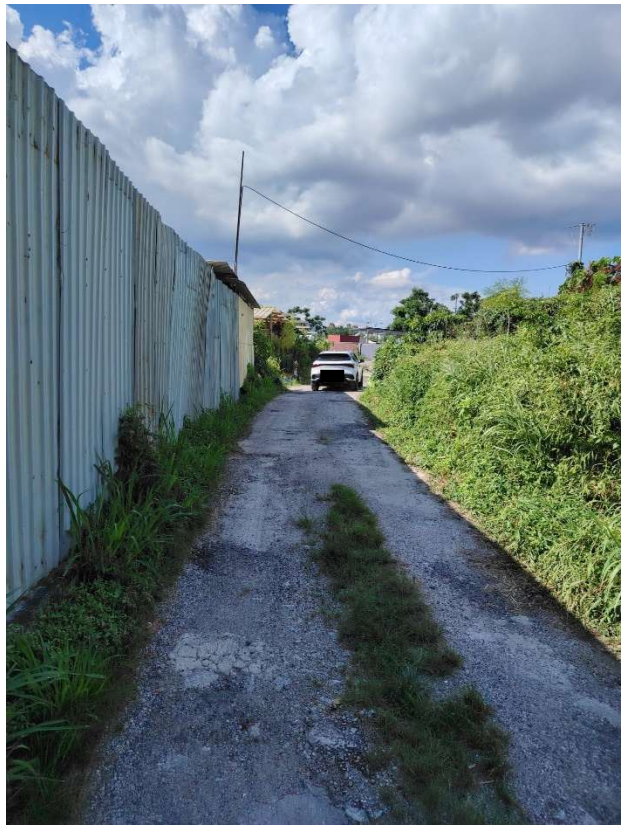
2)



3)



4)



5)



6)



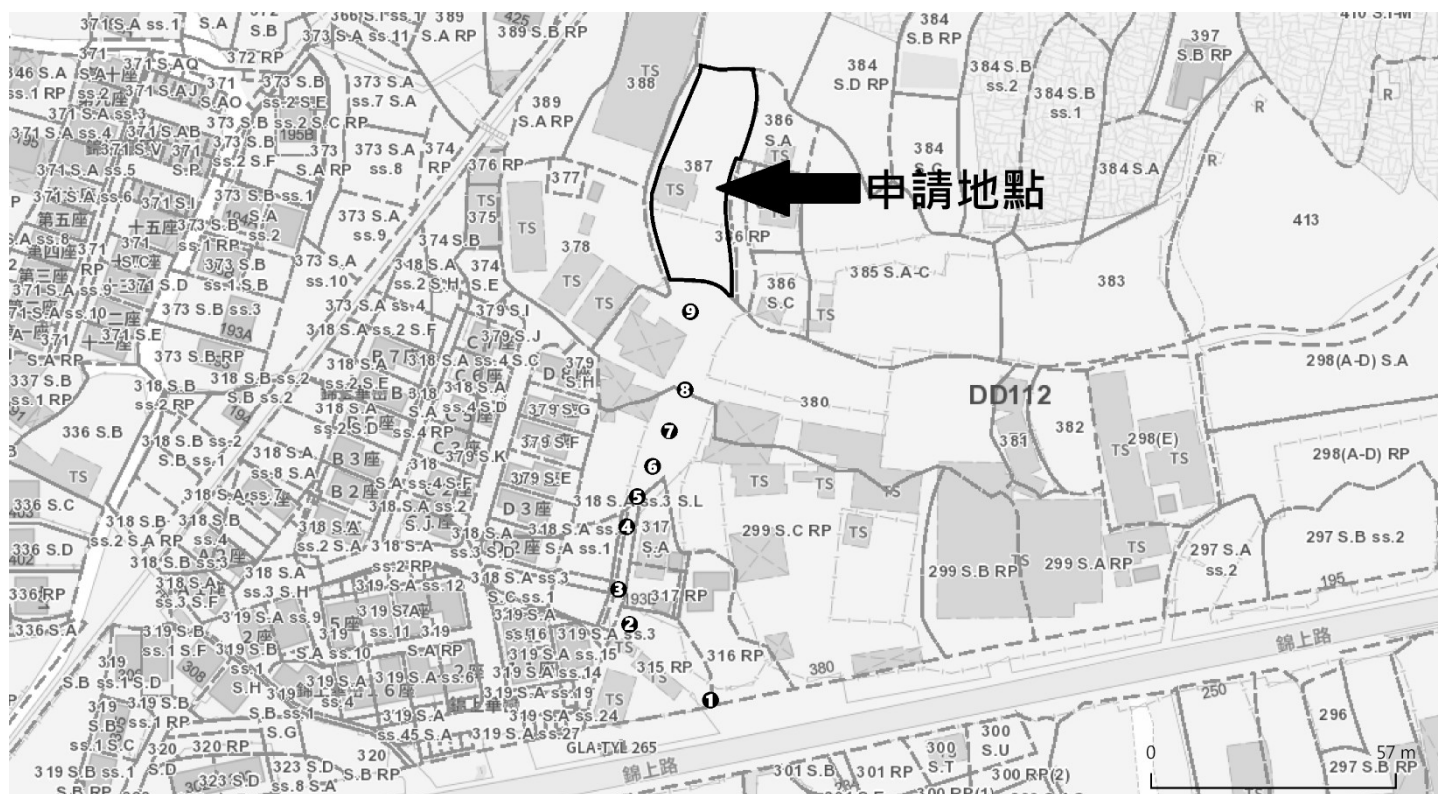
7)

8)



9)

拍照位置



(b) 車輛流量：

07:00至09:00	估計約10輛車駛出申請地點，8車輛停泊。
09:00至11:00	約3輛車駛出，3輛進入申請地點，8車輛停泊。
11:00至12:00	約3輛車駛出，3輛進入申請地點，8車輛停泊。
12:00至13:00	約3輛車駛出，3輛進入申請地點，8車輛停泊。
13:00至14:00	約4輛車駛出，4輛進入申請地點，8車輛停泊。
14:00至15:00	約3輛車駛出，3輛進入申請地點，8車輛停泊。
15:00至16:00	約3輛車駛出，3輛進入申請地點，8車輛停泊。
16:00至17:00	約3輛車駛出，3輛進入申請地點，8車輛停泊。
17:00至18:00	約4輛車駛出，4輛進入申請地點，8車輛停泊。
18:00至19:00	約6輛車進入申請地點，14車輛停泊。
19:00至19:30	約4輛車駛出，4輛進入申請地點，14車輛停泊。
20:00至21:00	約3輛車駛出，3輛進入申請地點，14車輛停泊。
21:00至22:00	約2輛車駛出，2輛進入申請地點，14車輛停泊。
22:00至23:00	約2輛車駛出，3輛進入申請地點，15車輛停泊。
23:00至00:00	約2輛車駛出，3輛進入申請地點，16車輛停泊。
00:00至07:00	約2輛車進入申請地點，18車輛停泊。

車位數目是固定 18 架，而實際車輛出入次數會更少。

致 城規會及相關部門

申請地點：新界元朗八鄉蓮花地丈量約份第112約地段第387號(部份)

規劃編號：A/YL-SK/421

提議渠務報告 (Proposed)

1. 提議雨水渠道（簡介）
2.
 - a. 申請人提議的渠管道建造是由申請人自費的。
 - b. 申請人提議的渠管道日後維修保養是申請人的責任。
 - c. 申請人提議的渠管道，也明白地權是政府/私人的。
 - d. 申請人承諾會得到政府部門同意/私人地段同意才會建設渠道工程。
 - e. 申請人聘任了 PERRY LEE BUILDING CONSULTANCY COMPANY 公司作此次渠務顧問。

申請人聯絡方式

電話：[REDACTED]

Email：[REDACTED]

地址：[REDACTED]

[REDACTED]

渠務顧問聯絡方式

電話：[REDACTED]

Email：[REDACTED]

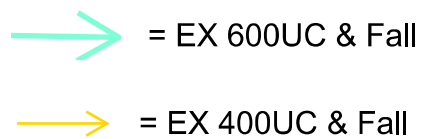
地址：[REDACTED]

2025 年 9 月 18 日

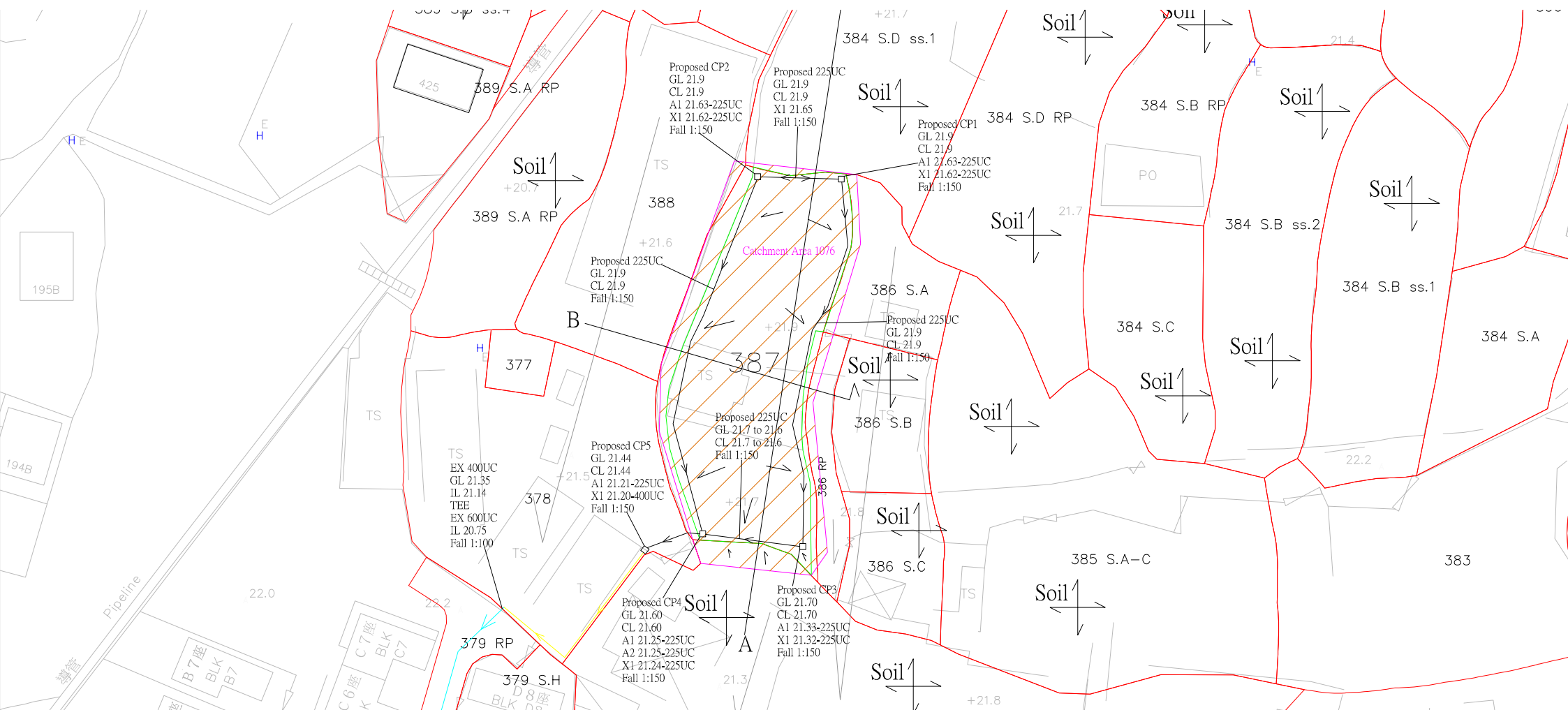
提議渠務報告(Proposed)

簡介

b1	EX Drainage Location
b2	Site Location, Catchmant, Proposed Drainage
b3	MH Schedule
b4	雨水計算
b6~b8	Proposed UC, Proposed MH
c1~c2	現場相片和拍照位置
d1	Section Plan



b1



Detail Plan
b2

A/YL-SK/421 MH schedule							
TYPE / DRAWING	MH no	GL	CL	A I.L	X I.L	TO MH / Existing	% Fall
C2405/1	CP1	21.90	21.90	A1 21.63-225UC	X1 21.62-225UC	CP3	1 : 150
C2405/1	CP2	21.90	21.90	A1 21.63-225UC	X1 21.62-225UC	CP4	1 : 150
C2405/1	CP3	21.70	21.70	A1 21.33-225UC	X1 21.32-225UC	CP4	1 : 150
C2406/1 尾井	CP4	21.60	21.60	A1 21.25-225UC A2 21.25-225UC	X1 21.24-225UC	CP5	1 : 150
C2405/1	CP5	21.44	21.44	A1 21.21-225UC	X1 21.20-400UC	EX 400UC	1 : 100
ic2412e	CP1-CP2	21.90	21.90			- -	1 : 150
ic2412e	CP1-CP3	21.90-21.70	21.90-21.70			- -	1 : 150
ic2412e	CP2-CP4	21.90-21.60	21.90-21.60			- -	1 : 150
ic2412e	CP4-CP5	21.60-21.44	21.60-21.44			- -	1 : 150

Rational method

$$Q = C i A$$

i = rainfall intensity

$$t_0 = \frac{0.14465L}{H^{0.2}A^{0.1}}$$

421

Proposed 225UC

L =	0.14465
H =	152
A =	0.3
	1076

Soil	0.14465	
L =	152	m
H =	0.3	m
A =	1076	m ²
t ₀ =	13.92	min

100 Year Rainwater Intensity	intensity	165	m/hr			
		0.165	/	3600	*	1.16
	intensity =	5.31667E-05	m/s			

$$Q_p = C \times i \times A$$

C =	0.2	
i =	5.32E-05	m/s
A =	1076	m ²

$$Q_p = 0.011441 \text{ m}^3/\text{s}$$

421

$$Q(\text{m discharge of open channel}) = 0.04355 \text{ m}^3/\text{s}$$



Area	=	0.35 * 0.35	0.050625	
P	=	0.35 * 2 + 0.35	0.675	
R _h	=		0.075	
n	=		0.016	Concrete
S ₀ = H/L		0.006	1	0.006



421

$$Q(\text{m}^3/\text{s}) = 0.04355 \text{ m}^3/\text{s}$$

421

$$Q(\text{m}^3/\text{s}) = 0.04355 \text{ m}^3/\text{s}$$

100 Year Rainwater Intensity

$$\text{Soil } Q(\text{m}^3/\text{s}) = 0.011441 \text{ m}^3/\text{s}$$

421

$$\% = 0.04355$$

$$\% = 0.011441$$

$$Q(\text{m}^3/\text{s}) = 26.3 \% \text{ OK}$$

Drainage Impact assessment report of 225 mm channel is Acceptable

b4

EX 400mmUC

Q(m discharge of open channel) 0.221241 m³/s

$$H = 0.006$$

$$L = 1 \text{ m}$$

Area	=	0.35 * 0.4	0.14
P	=	0.35*2+0.4	1.1
R _n	=		0.127273
n	=		0.016 Concrete
S ₀ = H/L	0.01	1	0.01



EX 400mmUC

Q(m³/s) = 0.221241 m³/s

EX 400mmUC

Q(m³/s) = 0.221241 m³/s

100 Year Rainwater Intensity

Soil Q(m³/s) = 0.011441 m³/s

421 to (EX 400mmUC)

% = 0.221241

% = 0.011441

Q(m³/s) = 5.2 % OK

Drainage Impact assessment report of 400mm U-channel is Acceptable

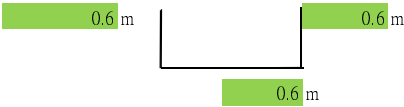
b4

EX 600UCC

Q(m discharge of open channel) 0.769076 m³/s



Area	=	0.6 * 0.6	0.36
P	=	0.6*2+0.6	1.8
R _n	=		0.200
n	=		0.016 Concrete
S _o = H/L	0.01	1	0.01



EX 600UCC
Q(m³/s) = 0.769076 m³/s

EX 600UCC
Q(m³/s) = 0.769076 m³/s

100 Year Rainwater Intensity
Q(m³/s) = 0.011441 m³/s

421 to (Existing 600mm UCC)
% = 0.769076
% = 0.011441
Q(m³/s) = 1.5 % OK

Drainage Impact assessment report of 600 mm channel is Acceptable

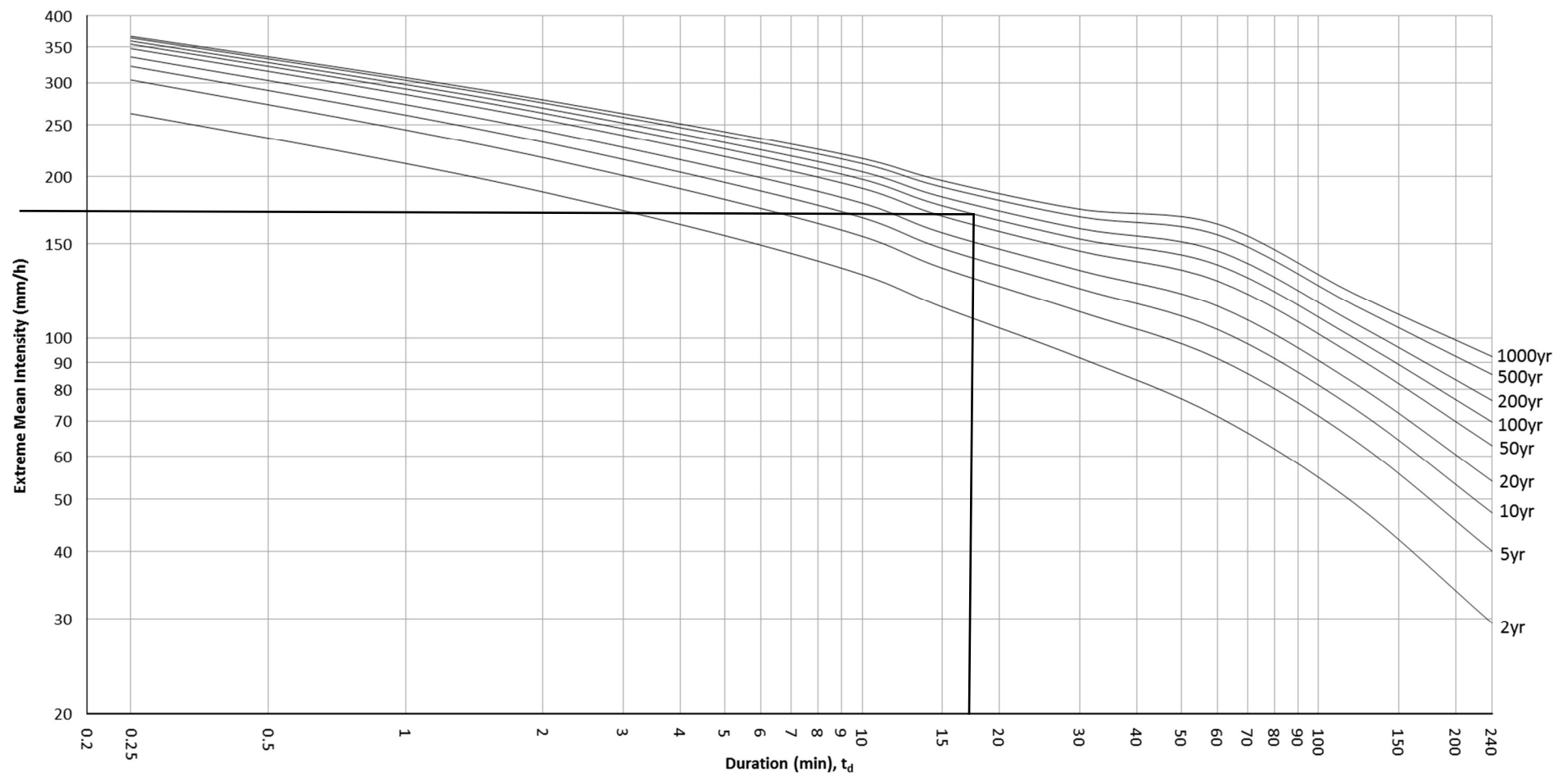
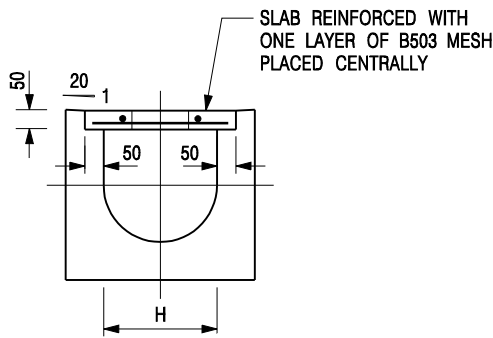
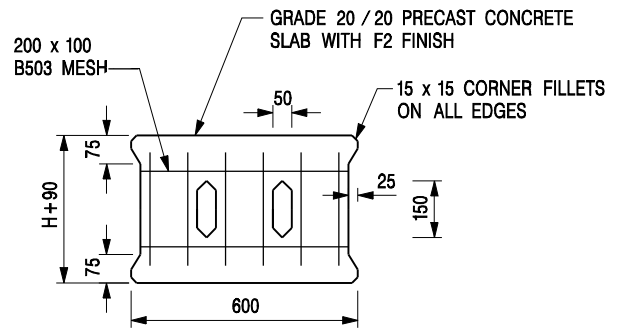


Figure 4a – Intensity-Duration-Frequency Curves of HKO Headquarters
(for durations not exceeding 4 hours)

b4



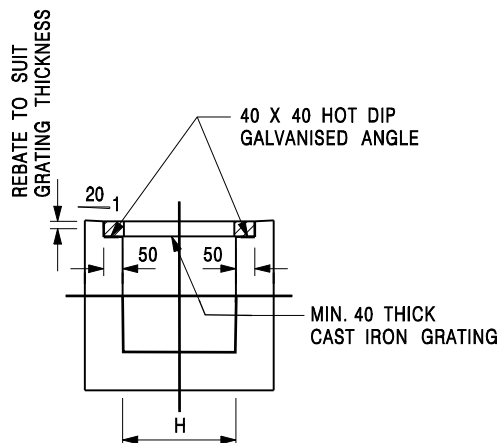
TYPICAL SECTION



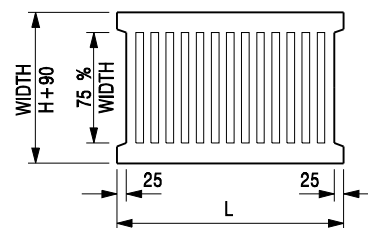
PLAN OF SLAB

U-CHANNELS WITH PRECAST CONCRETE SLABS

(UP TO H OF 525)



TYPICAL SECTION



L = 600mm FOR H ≤ 375mm
L = 400mm FOR H > 375mm

CAST IRON GRATING

(DIMENSIONS ARE FOR GUIDANCE ONLY, CONTRACTOR MAY SUBMIT EQUIVALENT TYPE)

U-CHANNEL WITH CAST IRON GRATING

(UP TO H OF 525)

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES.
- H=NOMINAL CHANNEL SIZE.
- ALL CAST IRON FOR GRATINGS SHALL BE GRADE EN-GJL-150 COMPLYING WITH BS EN 1561.
- FOR COVERED CHANNELS TO BE HANDED OVER TO HIGHWAYS DEPARTMENT FOR MAINTENANCE, THE GRATING DETAILS SHALL FOLLOW THOSE AS SHOWN ON HyD STD. DRG. NO. H3156.

b5

E	NOTES 3 & 4 AMENDED.	Original Signed	12.2014
D	NOTE 4 ADDED.	Original Signed	06.2008
C	MINOR AMENDMENT. NOTE 3 ADDED.	Original Signed	12.2005
B	NAME OF DEPARTMENT AMENDED.	Original Signed	01.2005
A	CAST IRON GRATING AMENDED.	Original Signed	12.2002
REF.	REVISION	SIGNATURE	DATE

COVER SLAB AND CAST IRON
GRATING FOR CHANNELS



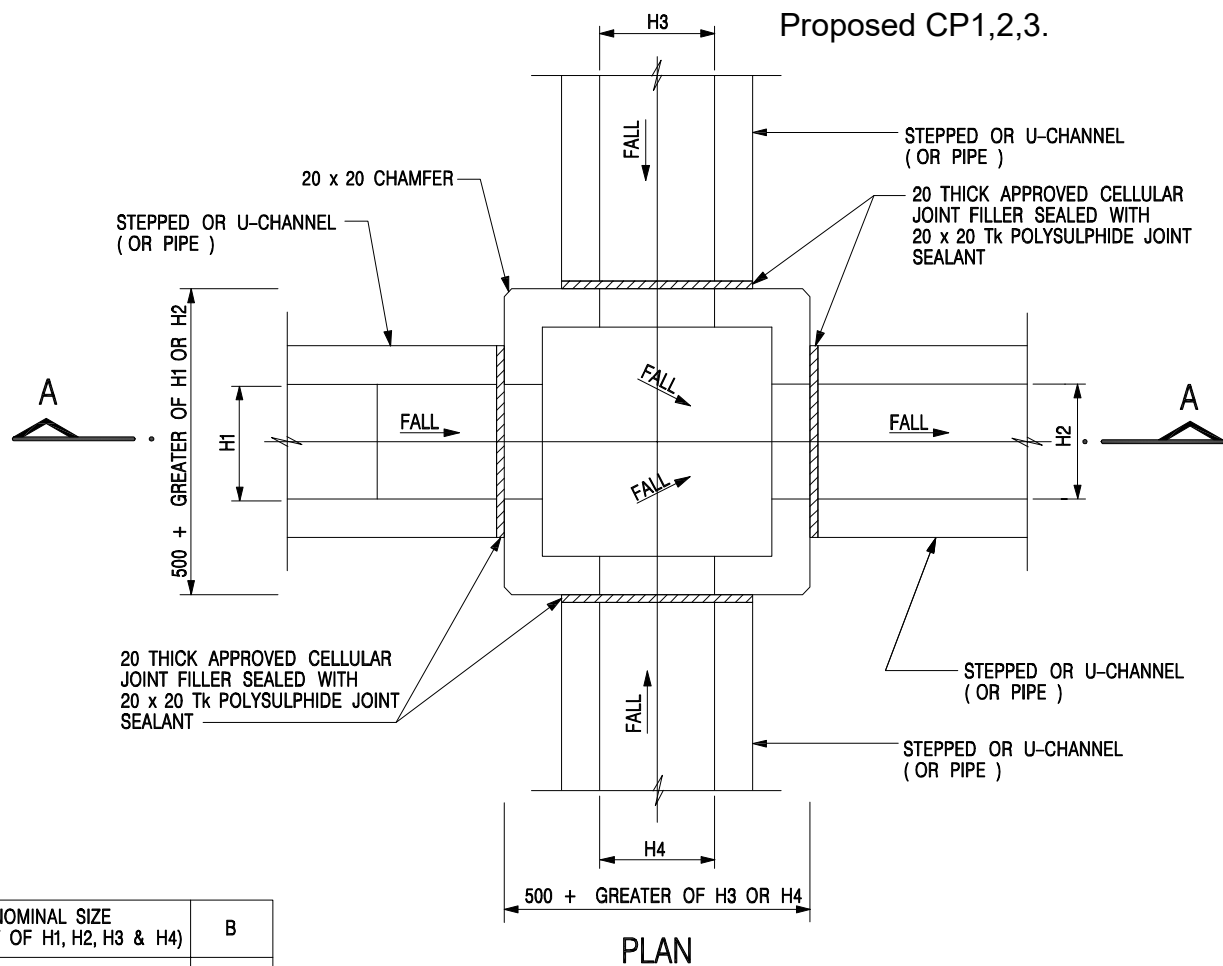
**CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT**

SCALE 1 : 20

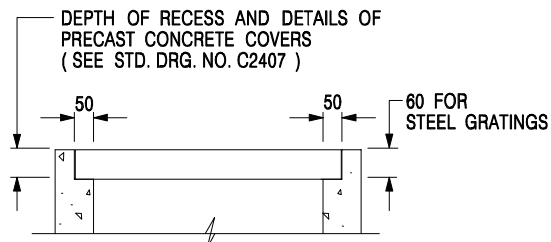
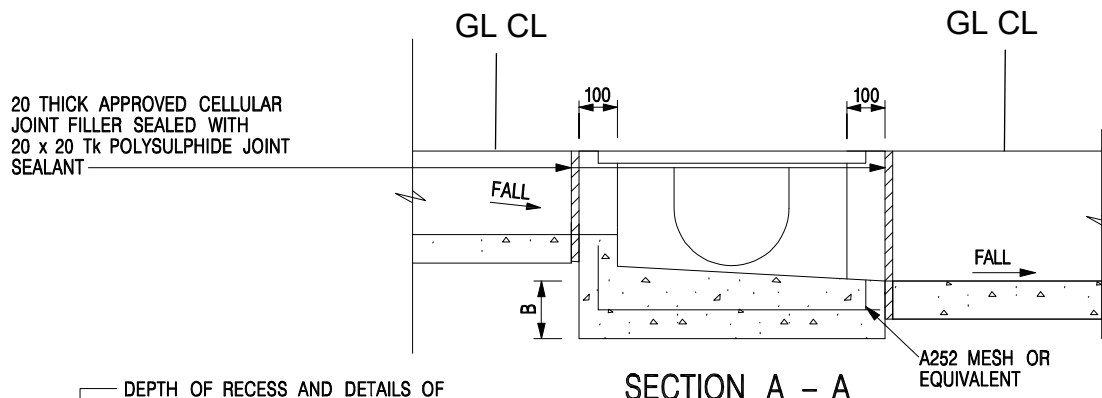
DATE JAN 1991

DRAWING NO.

C2412E



NOMINAL SIZE (LARGEST OF H1, H2, H3 & H4)	B
225 - 600	150
675 - 900	175



NOTES:

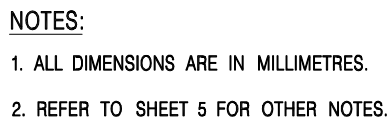
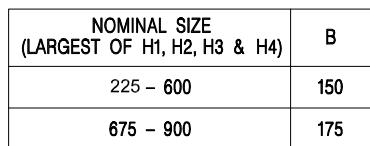
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. REFER TO SHEET 5 FOR OTHER NOTES.

ALTERNATIVE TOP SECTION FOR
PRECAST CONCRETE COVERS / GRATINGS

b6

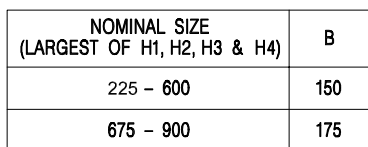
REF.	REVISION	Original Signed	SIGNATURE
SCALE 1 : 20		DRAWING NO. C2405 /1	

STANDARD CATCHPIT DETAILS
(SHEET 1)



b7

-		Original Signed	
REF.	REVISION	SIGNATURE	
SCALE 1 : 20		DRAWING NO. C2405 /1	



1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. REFER TO SHEET 2 FOR OTHER NOTES.

b8

-		Original Signed	
REF.	REVISION	SIGNATURE	DATE
SCALE 1 : 20		DRAWING NO. C2406 /1	
DATE			

CATCHPIT WITH TRAP

(SHEET 1)

1

Site



2

Site

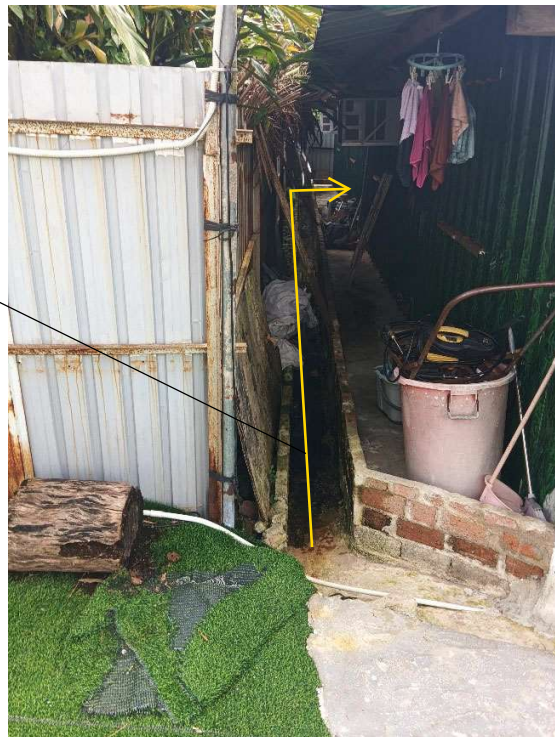


3



EX TS 離地的

4

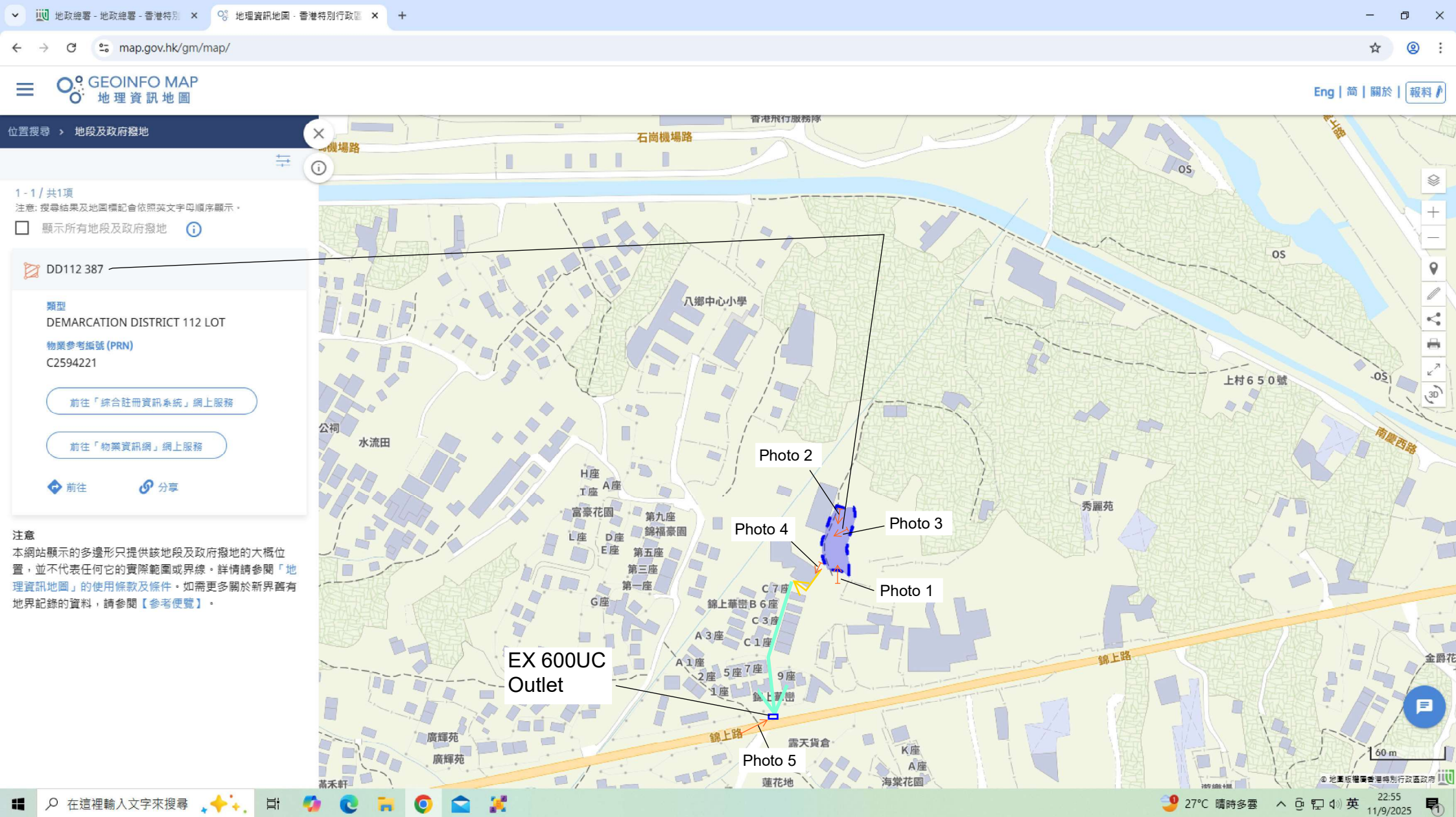


EX 400UC

5

EX 600UC
Outlet





→ = EX 600UC & Fall

→ = EX 400UC & Fall

Photo Location Plan

c2