Gold Rich planners & surveyors Ltd.

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Your Ref.: A/YL-PH/1077

Our Ref.: P25025/TL25274

17 October 2025

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

By Post and E-mail tpbpd@pland.gov.hk

Dear Sir,

Submission of Further Information

Proposed Temporary Warehouse (excluding Dangerous Goods Godown) with Ancillary Office and associated Filling of Land for a Period of 3 Years

Lots 29 (Part), 33 (Part) and 35 (Part) in D.D. 111

and Adjoining Government Land, Pat Heung, Yuen Long

(Application No.: A/YL-PH/1077)

We would like to submit a response-to-comment, drainage proposal (Plans 6.1 and 6.2) and hydraulic calculations to respond to the comments from Transport Department, Drainage Services Department and Lands Department.

An updated executive summary, planning statement and plans (Plans 1a - 5a) are submitted for the captioned application.

Yours faithfully, For and on behalf of Goldrich Planners & Surveyors Ltd.

Francis Lau

Encl.

Your Ref.: A/YL-PH/1077 Our Ref.: P25025

Comments from Transport Department dated 4.8.2025

Comment	Response
It is noted that container vehicles would access	The operator will inform container vehicle
the site. Based on the swept path analysis, it	drivers that they must come to the site from
requires a wide run-in/out so as to	northbound of Fan Kam Road and leave the site
accommodate the turning movement. Please	through southbound of Fan Kam Road.
provide details of modification of run-in/out at	
footpath of Fan Kam Road accordingly.	The operator will manage the traffic flow of the
	container vehicles. Container vehicles must
	make an appointment before they come. No
	two container vehicles will enter or leave the
	site at the same time.
	Please refer to updated Swept Path Analysis
	(Plan 4a) for details.

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Comments from Drainage Services Department dated 19.8.2025

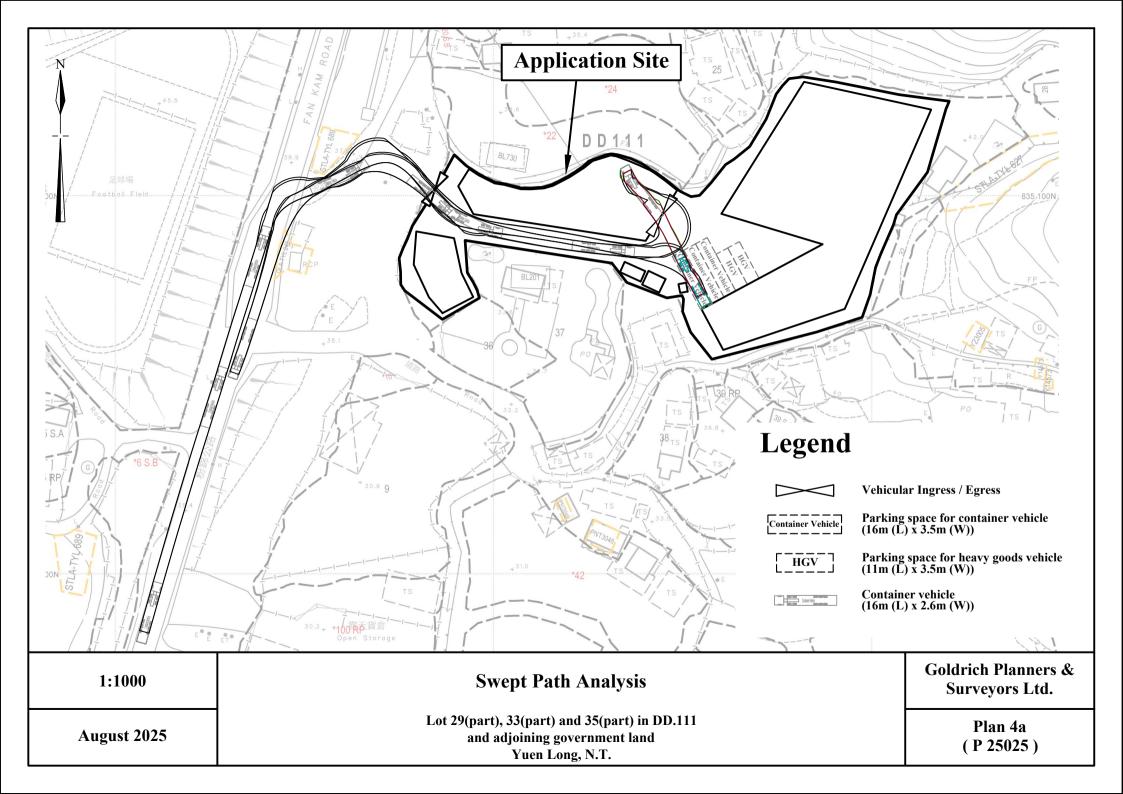
	Comments	Responses				
2.	According to our record, there are existing streamcourse/channel on government land within the application site that may also serve the adjacent land. There is a potential increase flooding risk to the area if the government land and the streamcourse/channel are disturbed or affected by the operation of the applicant.	The existing streamcourse/channel on government land within the application site will be preserved and maintained. The operation of the applicant will not disturb the existing streamcourse/channel. As the existing streamcourse/channel on government land has all the time been receiving surface runoff from the subject site, there will not be any increase or change in the waterflow.				
3.	We are unable to provide comment on drainage aspect of the application at this stage. Comment on drainage aspect will be provided when the drainage proposal as mentioned in paragraph 17 of the planning statement is received.	Please refer to attached drainage proposal for details.				

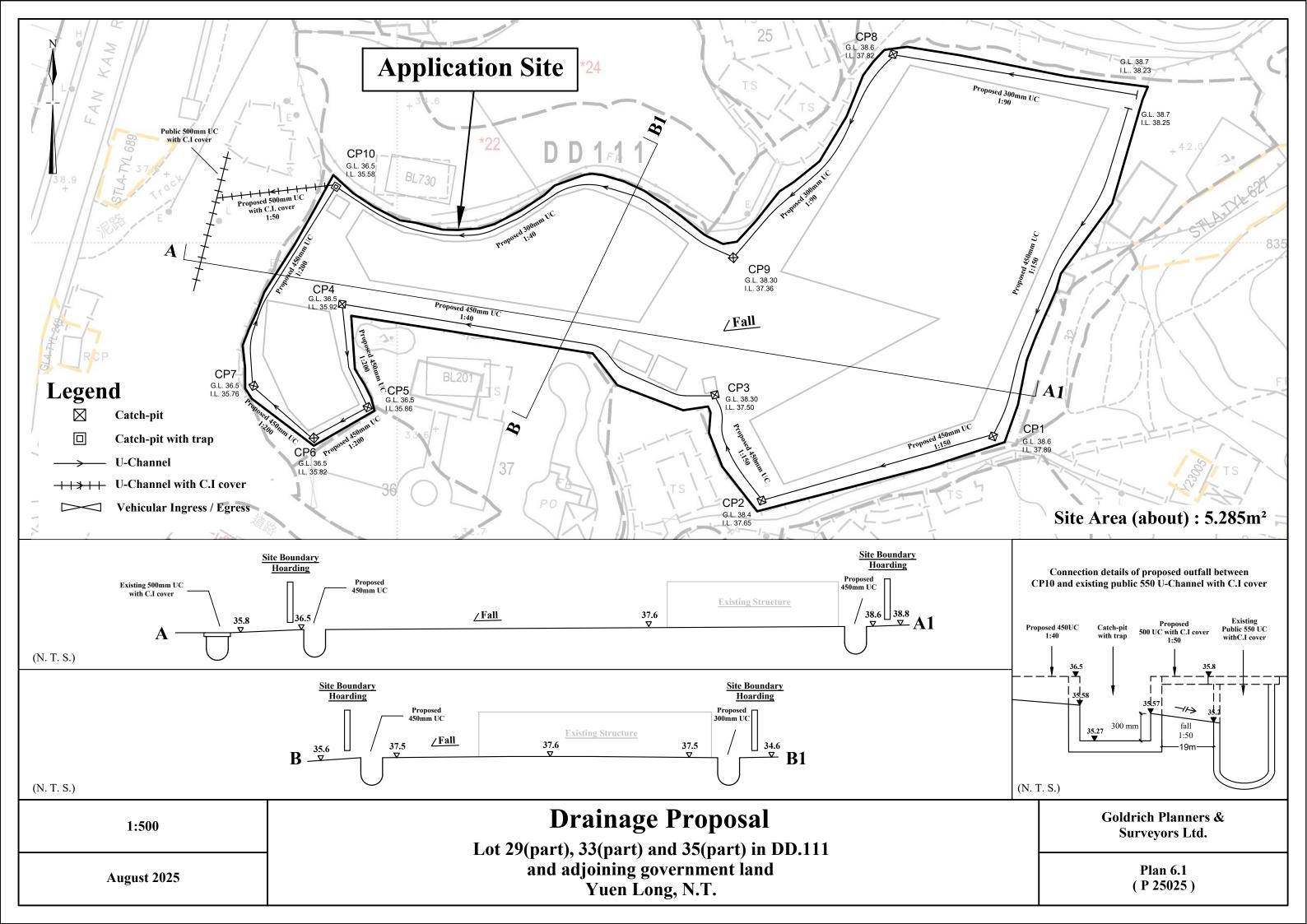
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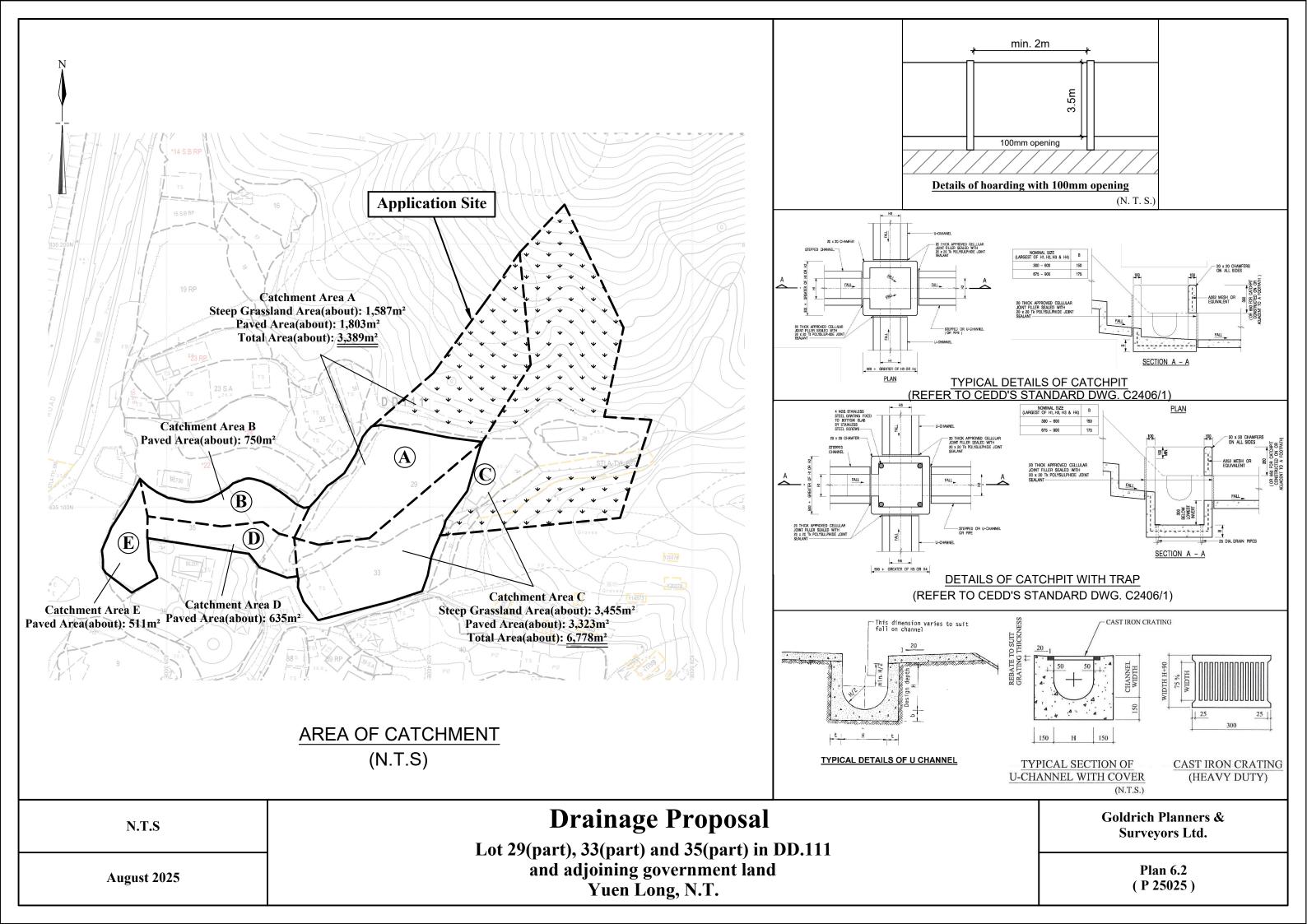
Comment from Lands Department dated 17.10.2025 Comment Response Unauthorised structure(s) within the said private lot(s) The applicant will apply for Short Term Waiver and Short Term covered by the planning application Tenancy to Lands Department when the application is approved. There is/are unauthorized structure(s) and/or uses on the Lot No. 29 in D.D. 111. The lot owner(s) should immediately rectify/apply for regularization on the lease breaches and this office reserves the rights to take necessary lease enforcement action against the breaches without further notice. LandsD has reservation on the planning application since there is/are unauthorized structure(s) and uses on the Lot No. 35 in D.D. 111 which is/are already subject to lease enforcement actions according to case priority. The lot owner(s) should rectify/apply for regularization on the lease breaches as demanded by LandsD. No permission is given for occupation of Government Land (about 424 m² subject to verification) included in the application site. Any occupation of GL without Government's prior approval is an offence under Cap. 28. If the planning application is approved, the lot owner(s) shall apply to this office for a Short Term Waiver (STW) and/or Short Term Tenancy (STT) to permit the structure(s) erected within the said private lot(s) and the occupation of the Government land. The application(s) for STW and/or STT will be considered by the Government in its capacity as a landlord and there is no guarantee that they will be approved. The STW and/or STT, if approved, will be subject to such terms and conditions including the payment of waiver fee/rent and

administrative fee as considered appropriate by LandsD. Besides, given the proposed use is temporary in nature, only erection of temporary structure(s) will be

considered.







1 For Catchment Area A					Ref.	
Area,	A =	3389	m^2			
Average slope, Distance on the line of natural flow,	H =	3389 47.5 77	m per 100m			
Time of concentraction,	t _o = =		= 0.14465 (77) / (47.5^0.2 min	*3389^0.1)	SDM 7.5.2 (d)	
2 For Proposed UC in Catchmer	nt Area	a A				
	From	То				
Ground level (mPD) Invert level (mPD)	38.70 38.23					
Width of u-channel,	w =	300	mm			
Length of u-channel,						
Depth of vertical part of u-channel,			mm			
Gradient of u-channel,			= 0.0111			
Cross-Section Area,	a =		= 0.5 x 3.14 x 150^2 + 300 x 790)		
Wetted Perimeter,	p =	π r + 2 d	$= 3.14 \times 150 + 2 \times 790$			
Hydralic radius,	= R =	2.001	m		SDM 8.2.1	
Tryurano radiae,	=	0.133	m		02111 0.2.1	
3 Use Manning Equation for esti	matin	g velocity of storm	water			
Take	n =	0.016	for concrete lined channels:-		SDM Table 13	
Allowable velocity,			= $(0.133)^{1/6} \times (0.133 \times 0.011)^{1/6}$	1/2 / 0.016	SDM Table 12	
Time of flow,	= t _r =	1.,, 1	m/s min			
4 Use "Rational Method" for calculation of design flow						
Design intensity,			29)^0.355 for return period T = 50 <u>y</u>	years	SDM 4.3.2 Corrigendum 1/2024 SDM Table 3a	
Type of surface		Runoff Coefficient C	Catchment Area A (m ²)	CxA	SDM 7.5.2 (b)	
Steep Glassland(heavy soil)		0.35	1587.0	555.5	ODW 7.0.2 (b)	
Concrete Paving		0.95	1803.0	1712.9 2268.3		
Upstream flow,	Q _u =	0	m ³ /s			
Design flow,		$\begin{array}{c} 0.278 \text{i} \; \Sigma \; \text{C}_{\text{j}} \text{A}_{\text{j}} + \text{Q}_{\text{u}} \\ 0.278 \; \text{x} \; 262 \; \text{x} \; 2268. \\ 0.166 \end{array}$			SDM 7.5.2 (a)	
Allowable flow,	=	a x v 0.272 x 1.71 0.467	m ³ /o			
	=	0.407	111 /3			
> Q _d (O.K.)						
Reference was made to Stormwater Drainage Manual (SDM) by DSD						
Scale: NA		Hydraul	ic Calculation	Goldrich Pl Surveyor		
August 2025		, ,,	t) and 35 (Part) in D.D. 111 and tt Land, Pat Heung, Yuen Long	Page (P250		

1 For Catchment Area B					Ref.	
Area,	A =	750	m^2			
Area, Average slope, Distance on the line of natural flow,	H =	0.1 15	m per 100m			
Distance on the line of natural flow,	L -	15	m			
Time of concentraction,	t _o = =		= 0.14465 (15) / (0.1 ⁰ 0.2 ⁷ 7 min	750^0.1)	SDM 7.5.2 (d)	
2 For Proposed UC in Catchmer	nt Are	а В				
·	From	То				
Ground level (mPD)	38.30	36.50				
Invert level (mPD)	37.36	35.58				
Width of u-channel,	w =	300	mm			
Length of u-channel,		71.5	m			
Depth of vertical part of u-channel,		770				
Gradient of u-channel,	S _f =	(37.36-35.58)/71.5	= 0.025			
Cross-Section Area,			= 0.5 x 3.14 x 150^2 + 300 x 770)		
Wetted Perimeter	= p =	0.266 π r + 2 d	m ² = 3.14 x 150 + 2 x 770			
wetted reminister,	=	2.011				
Hydralic radius,	R =		ma		SDM 8.2.1	
	=	0.132	m			
3 Use Manning Equation for esti	matin	g velocity of storm	water			
Take	n =	0.016	for concrete lined channels:-		SDM Table 13	
Allowable velocity,	v =		= $(0.132)^{1/6} \times (0.132 \times 0.025)^{1/6}$	1/2 / 0.016	SDM Table 12	
- :	. =	2.00				
Time of flow,	t _f =	0.5	min			
4 Use "Rational Method" for calculation of design flow						
Design intensity,			29)^0.355 for return period T = 50 y	/ears	SDM 4.3.2 Corrigendum 1/2024 SDM Table 3a	
					-	
Type of surface		Runoff Coefficient C		<u>C x A</u>	SDM 7.5.2 (b)	
Steep Glassland(heavy soil) Concrete Paving		0.35 0.95	0.0 750.0	0.0 712.5		
Consider aving		0.50		712.5		
_	_		3.			
Upstream flow,	$Q_u =$	0.166	m³/s			
Design flow	Q _d =	0.278i Σ C ₂ A ₂ + Q ₁	where A _i is in km ²		SDM 7.5.2 (a)	
_ ====================================		0.278 x 275 x 712.5			02 / .0.2 (a.)	
	=	0.221	m ³ /s			
Allowable flow	o -	.				
Allowable flow,		a x v 0.266 x 2.56				
	=	0.682	m^3/s			
			,0			
> Q _d (O.K.)						
Reference was made to Stormwate	er Drain	nage Manual (SDM) t	by DSD			
Goldrich Plant					anners &	
Scale: NA		Hydraul	ic Calculation	Surveyor		
		•				
August 2025		, ,,	t) and 35 (Part) in D.D. 111 and nt Land, Pat Heung, Yuen Long	Page		
		, <u>, , , , , , , , , , , , , , , , , , </u>		(P250	23)	

1 For Catchment Area C					Ref.	
Area, Average slope, Distance on the line of natural flow,	A = H = L =	6778 48.1 100	m ² m per 100m m			
Time of concentraction,	t _o = =		= 0.14465 (100) / (48.1 ^o 0. min	2*6778^0.1)	SDM 7.5.2 (d)	
2 For Proposed UC in Catchmer	nt Are	а С				
Ground level (mPD) Invert level (mPD)	From 38.70 38.25					
Width of u-channel, Length of u-channel,		450 112.4				
Depth of vertical part of u-channel,			mm			
Gradient of u-channel,						
Cross-Section Area,		0.5 π r ² + w d 0.338	= 0.5 x 3.14 x 225^2 + 450 x 575	5		
Wetted Perimeter,		π r + 2 d	= 3.14 x 225 + 2 x 575			
Hydralic radius,					SDM 8.2.1	
3 Use Manning Equation for esti	matin	g velocity of storm	water			
Take	n =	0.016	for concrete lined channels:-		SDM Table 13	
		$R^{1/6}x (RS_f)^{1/2}/n$	= $(0.182)^{1/6} \times (0.182 \times 0.007)^{1/6}$	1/2 / 0.016	SDM Table 12	
Time of flow,	_		min			
4 Use "Rational Method" for calculation of design flow						
Design intensity,			29)^0.355 for return period T = 50 y	/ears	SDM 4.3.2 Corrigendum 1/2024 SDM Table 3a	
<u>Type of surface</u> Steep Glassland(heavy soil) Concrete Paving		Runoff Coefficient C 0.35 0.95	3455.0 3323.0	C x A 1209.3 3156.9 4366.1	SDM 7.5.2 (b)	
Upstream flow,	Q _u =	0	m ³ /s			
Design flow,		$\begin{array}{c} 0.278i \; \Sigma \; C_j A_j + Q_u \\ 0.278 \; x \; 251 \; x \; 4366. \\ 0.305 \end{array}$			SDM 7.5.2 (a)	
Allowable flow,		a x v 0.338 x 1.64 0.555	m^3/s			
	>	Q _d (O.K.)				
Reference was made to Stormwater Drainage Manual (SDM) by DSD						
Scale: NA		Hydraul	ic Calculation	Goldrich Pl Surveyor		
August 2025		· /· /	t) and 35 (Part) in D.D. 111 and nt Land, Pat Heung, Yuen Long	Page (P250		

1 For Catchment Area D					Ref.	
Area,	A =	635	m^2			
Area, Average slope, Distance on the line of natural flow,	H =	0.1 16	m per 100m			
Distance on the line of flatural now,	_	10	111			
Time of concentraction,	t _o = =) = 0.14465 (16) / (0.1^0.2*6 min	635^0.1)	SDM 7.5.2 (d)	
2 For Proposed UC in Catchmen	t Are	a D				
·	From	То				
Ground level (mPD)	38.30	36.50	•			
Invert level (mPD)	37.50	35.92				
Width of u-channel,		450	mm			
Length of u-channel,		64.1	m			
Depth of vertical part of u-channel,			mm			
Gradient of u-channel,	$S_f =$	(37.5-35.92)/64.1	= 0.025			
Cross-Section Area,			= 0.5 x 3.14 x 225^2 + 450 x 355	5		
Wetted Perimeter	n =	0.239 π r + 2 d	m^2 = 3.14 x 225 + 2 x 355			
wolled i chimeter,	=	1.417				
Hydralic radius,	R =				SDM 8.2.1	
	=	0.169	m			
3 Use Manning Equation for esti	matin	g velocity of storm	water			
	n =		for concrete lined channels:-		SDM Table 13	
Allowable velocity,	v =	$R^{1/6}x (RS_f)^{1/2}/n$	$= (0.169)^{1/6} \times (0.169 \times 0.025)^{1/6}$	1/2 / 0.016	SDM Table 12	
	. =	0.00				
Time of flow,	t _f =	0.4	min			
4 Use "Rational Method" for calculation of design flow						
Design intensity,			29)^0.355 for return period T = 50 y	/ears	SDM 4.3.2 Corrigendum 1/2024 SDM Table 3a	
Type of surface		Runoff Coefficient C	Catchment Area A (m ²)	$C \times \Lambda$	SDM 7.5.2 (b)	
Steep Glassland(heavy soil)		0.35	0.0	<u>C x A</u> 0.0	3DIVI 7.3.2 (b)	
Concrete Paving		0.95	635.0	603.3		
			SUM =	603.3		
Upstream flow,	Q _u =	0.305	m ³ /s			
	_	0.070; 5.04			004777	
Design flow,		0.278 x 275 x 603.2 0.351			SDM 7.5.2 (a)	
Allowabla flavo	0 -	2 V V				
Allowable flow,		a x v 0.239 x 3				
	=	0.233 x 3	m ³ /s			
			· -			
> Q _d (O.K.)						
Reference was made to Stormwate	r Drair	nage Manual (SDM) l	by DSD			
				C a1.41. D1	0-nnova 0-	
Scale: NA	Hydraulic Calculation Goldrich Pla Surveyors					
		•				
August 2025	Lots 29 (Part), 33 (Part) and 35 (Part) in D.D. 111 and Page					
8	Adjoining Government Land, Pat Heung, Yuen Long		(P25025)			

1 For Catchment Area E					Ref.
Area,	A =	511			
Area, Average slope, Distance on the line of natural flow,	H =	0.1 10	m per 100m		
Time of concentraction,	t _o =		= 0.14465 (10) / (0.1^0.2*5	511^0.1)	SDM 7.5.2 (d)
2 For Proposed UC in Catchmer	ot Arox				
2 For Froposed OC in Catchiner					
Ground level (mPD)	From 36.50	То 36.50			
Invert level (mPD)	35.92	35.58			
Width of u-channel,	w =	450	mm		
Length of u-channel,	L _c =	71.5	m		
Depth of vertical part of u-channel,	d =	695	mm		
Gradient of u-channel,	$S_f =$	(35.92-35.58)/71.5	= 0.005		
Cross-Section Area,			= 0.5 x 3.14 x 225^2 + 450 x 695	5	
	=	0.392	m^2 = 3.14 x 225 + 2 x 695		
Wetted Perimeter,	p =	π r + 2 d 2.097			
Hydralic radius,	R =	a / p			SDM 8.2.1
	=	0.187	m		
3 Use Manning Equation for esti	matin	g velocity of storm	water		
	n =		for concrete lined channels:-		SDM Table 13
Allowable velocity,			= (0.187)^1/6 x (0.187 x 0.005)^	1/2 / 0.016	SDM Table 12
Time of flow,	= t _f =	1.41 0.8	m/s min		
			111111		
4 Use "Rational Method" for calc	uiatio	n of design flow			
Design intensity,					SDM 4.3.2
	=	•	$(9)^0.355$ for return period T = 50	years	COM Table 22
	_	278			SDM Table 3a
Type of surface		Runoff Coefficient C	Catchment Area A (m ²)	<u>C x A</u>	SDM 7.5.2 (b)
Steep Glassland(heavy soil)		0.35	0.0	0.0	
Concrete Paving		0.95	511.0 SUM =	485.5 485.5	
Upstream flow,	Q _u =	0.351	m ³ /s		
Design flow,	Q _d =	$0.278i \Sigma C_i A_i + Q_u$	where A _i is in km ²		SDM 7.5.2 (a)
		0.278 x 278 x 485.4	5 / 1000000 + 0.351		
	=	0.389	m³/s		
Allowable flow,	Q _a =	axv			
	=	0.392 x 1.41	_		
	=	0.553	m^3/s		
> Q _d (O.K.)					
Reference was made to Stormwater Drainage Manual (SDM) by DSD					
				Goldrich Pl	anners &
Scale: NA		Hydraul	ic Calculation	Surveyor	
August 2025	Adicining Government Land Bot Houng Vien Long				
				(P25025)	

1 For Connection between CP10	and)	Existing Public 50	0 UC		Ref.		
Area	A =	0	m^2				
Area, Average slope,	H =	0.1	m per 100m				
Distance on the line of natural flow,	L =	0	m				
Time of concentraction,	t _o =			0.1)	SDM 7.5.2 (d)		
0.5.5	=		min				
2 For Proposed UC in between (_	ic 500 UC				
Ground level (mPD)	From 36.50	То 35.80	-				
Invert level (mPD)	35.58		-				
Width of u-channel,	w =	500	mm				
Length of u-channel,							
Depth of vertical part of u-channel,	L _C –	19	mm				
Gradient of u-channel,	S _f =	(35.58-35.2)/18.8	= 0.020				
Cross-Section Area,	a =	$0.5 \pi r^2 + w d$	= 0.5 x 3.14 x 250^2 + 500 x 350)			
	=	0.273	m^2				
Wetted Perimeter			= 3.14 x 250 + 2 x 350				
Treated Femiliator,	=						
Hydralic radius,			111		SDM 8.2.1		
Tryuralic radius,	=	0.184	m		3DIVI 0.2.1		
		0.101					
3 Use Manning Equation for esti	matin	g velocity of storm	water				
Take	n =	0.016	for concrete lined channels:-		SDM Table 13		
Allowable velocity,	v =	$R^{1/6}x (RS_f)^{1/2}/n$	$= (0.184)^{1/6} \times (0.184 \times 0.02)^{1/6}$	2 / 0.016	SDM Table 12		
,	=	` ''					
Time of flow,	t _f =		min				
4 Use "Rational Method" for calculation of design flow							
Design intensity,	i =	$a/(t + t + h)^{c}$			SDM 4.3.2		
Design intensity,)^0.355 for return period T = 50 y	(O.O.F.)			
	=	327).0.355 for return period 1 = 50 y	/ears	Corrigendum 1/2024		
	-	327			SDM Table 3a		
Type of surface		Runoff Coefficient C	Catchment Area A (m ²)	CxA	SDM 7.5.2 (b)		
Steep Glassland(heavy soil)		0.35	0.0	0.0	, ,		
Concrete Paving		0.95	0.0	0.0			
			SUM =	0.0			
]	O =	0.610	m ³ /a				
Upstream flow,	Q _u =	U.61U	III /S				
Design flow	Q_ =	0.278i Σ C _i A _i + Q _u	where A _i is in km ²		SDM 7.5.2 (a)		
Besign now,		0.278 x 327 x 0 / 10			ODIVI 7.0.2 (a)		
	=	0.610	m ⁻ /s				
Allowable flow,	Q ₂ =	axv					
, mentable new,		0.273 x 2.87					
		0.273 x 2.67	m ³ /c				
	=	0.785	III /S				
> Q _d (O.K.)							
Reference was made to Stormwater Drainage Manual (SDM) by DSD							
Goldrich Plant					anners &		
Scale: NA		Hydraul	ic Calculation	Surveyor			
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