寄件者: Louis Tse

**寄件日期:** 2025年11月21日星期五 16:27

收件者: tpbpd/PLAND

副本: Andrea Wing Yin YAN/PLAND; Ivan Sze Yuet FUNG/PLAND; Bon Tang; Matthew Ng;

Christian Chim; Danny Ng; Grace Wong; Kevin Lam

主旨: [FI] S.16 Application No. A/YL-KTN/1136 - FI to address departmental comments

附件: FI2 for A\_YL-KTN\_1136 (20251121).pdf

類別: Internet Email

Dear Sir,

Attached herewith the further information to address departmental comments of the subject application.

Should you require more information, please do not hesitate to contact me. Thank you for your kind attention.

**Kind Regards** 

Louis TSE | Town Planner R-riches Group (HK) Limited

R-riches Property Consultants Limited | R-riches Planning Limited | R-riches Construction Limited



Our Ref. : DD107 Lot 490 & VL Your Ref. : TPB/A/YL-KTN/1136



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

By Email

21 November 2025

Dear Sir,

### 2<sup>nd</sup> Further Information

Proposed Temporary Warehouse (Excluding Dangerous Goods Godown) with Ancillary Facilities and Associated Filling of Land for a Period of 3 Years in "Agriculture" Zone,

Various Lots in D.D. 107 and Adjoining Government Land, Fung Kat Heung, Yuen Long, N.T.

(S.16 Planning Application No. A/YL-KTN/1136)

We are writing to submit further information to address departmental comments of the subject application (**Appendix I**).

Should you require more information regarding the application, please contact our Mr. Danny NG at or the undersigned at your convenience. Thank you for your kind attention.

Yours faithfully,

For and on behalf of

**R-riches Planning Limited** 

Louis TSE

Town Planner

cc DPO/FSYLE, PlanD

(Attn.: Ms. Andrea YAN

email: awyyan@pland.gov.hk

(Attn.: Mr. Ivan FUNG

email: isyfung@pland.gov.hk

## **Response to Comment**

Proposed Temporary Warehouse (Excluding Dangerous Goods Godown) with Ancillary Facilities and Associated Filling of Land for a Period of 3 Years in "Agriculture" Zone,

Various Lots in D.D. 107 and Adjoining Government Land, Fung Kat Heung, Yuen Long, N.T.

(Application No. A/YL-KTN/1136)

## (i) A RtoC Table:

	Departmental Comments	Applicant's Responses								
1.	Comments of the Chief Engineer/Mainland North, Drainage Services Department	(CE/MN, DSD)								
	(Contact Person: Ms. Jessica KWAN; Tel: 2300 1444)									
Con	nment received on 04.11.2025									
(a)	The applicant is reminded to re-submit satisfactory DIA reports or drainage proposals for the subject planning application as soon as possible. In order to facilitate the process, the applicant and his/her consultant are also welcome to contact us if they have enquiry on our drainage advice.	A drainage proposal is provided by the applicant to review the drainage arrangement for the proposed development (Annex I).								
Con	nment received on 14.10.2025									
(a)	Condition of the Subject Site  Plan and cross sections showing the proposed drainage facilities and the existing and proposed ground levels of the captioned site with respect to the adjacent areas should be given.									



## (b) Drainage Impact

- 1. The proposal should indicate how the runoff (the flow direction) within the site and from the adjacent areas would be discharged to the proposed drainage system.
- 2. Peripheral surface channels shall be provided along the site boundary to collect the surface runoff accrued on the application site and to intercept the overland flow from the adjacent lands. It is noted that there is proposed land filling works for the development. Proper surface channel(s) should be provided at the lower platform and wall toe to collect the overland flow to/ from adjacent areas.
- 3. The applicant should clearly indicate the full alignment of the discharge path from the application site all the way down to the ultimate discharge point (e.g. a well-established stream course/public drainage system).
- 4. The applicant should demonstrate with hydraulic calculation that the proposed drainage facilities are adequate to collect, convey and discharge the surface runoff accrued on the application site and the overland flow intercepted from the adjacent lands.
- 5. Since there is no record of the said discharge path, the applicant should provide site photos of existing drainage facilities including the discharge point (e.g. existing local village drain mentioned in the proposal and its downstream drainage facilities) in order to demonstrate the presence and reflect condition of the existing drainage system.



- 6. The applicant should demonstrate the existing facilities to be discharged to have sufficient capacity to cater for any additional flow generated due to the subject application.
- 7. Where walls or hoarding are erected are laid along the site boundary, adequate openings should be provided to intercept the existing overland flow passing through the site.
- 8. The proposed development should neither obstruct overland flow nor adversely affect any existing natural streams, village drains, ditches and the adjacent areas, etc.

## (c) Responsibility of the Applicant

- he existing drainage facilities, to which the applicant proposed to discharge
  the stormwater from the application site was not maintained by this office.
  The applicant should identify the owner of the existing drainage facilities
  and seek agreement from the owner prior to commencement of the
  proposed works. In the case that it is a local village drains, DO/YL should be
  consulted.
- 2. The applicant is required to rectify the drainage system if they are found to be inadequate or ineffective during operation. The applicant shall also be liable for and shall indemnify claims and demands arising out of damage or nuisance caused by a failure of the drainage system.
- 3. The applicant should consult DLO/YL and seek consent from the relevant owners for any drainage works to be carried out outside his lot boundary before commencement of the drainage works.



# (d) Details of Drainage Proposal

- 1. Standard details should be provided to indicate the sectional details of the proposed drainage facilities.
- 2. The cover levels and invert levels of the proposed and existing drainage facilities should be shown on the drainage plan.
- 3. Consideration should be given to provide grating for the surface channels.
- 4. Precast concrete pipe should generally be used for stormwater connection.

#### Comments received on 10.9.2025

The subject application is for the affected brownfield operations in HSK/HT NDA project is noted. Although the applicant would commence the construction works or operations, including site formation works, only after the DIA is considered accepted by DSD (as mentioned in the RtoC table, which should form one of the approval conditions), given there is complaint regarding illegal land filling and flooding, it appears that the applicant has not provided any substantive materials to justify that the proposed construction works and operations will not cause unacceptable drainage impacts to the surrounding areas. DSD cannot accept the application based on the sole fact that the applicant is affected brownfield operator under NDA projects, without considering the potential drainage impacts arising from the proposal.

The applicant at least submit a drainage proposal, including proposed land formation levels, in the planning application stage to demonstrate how the

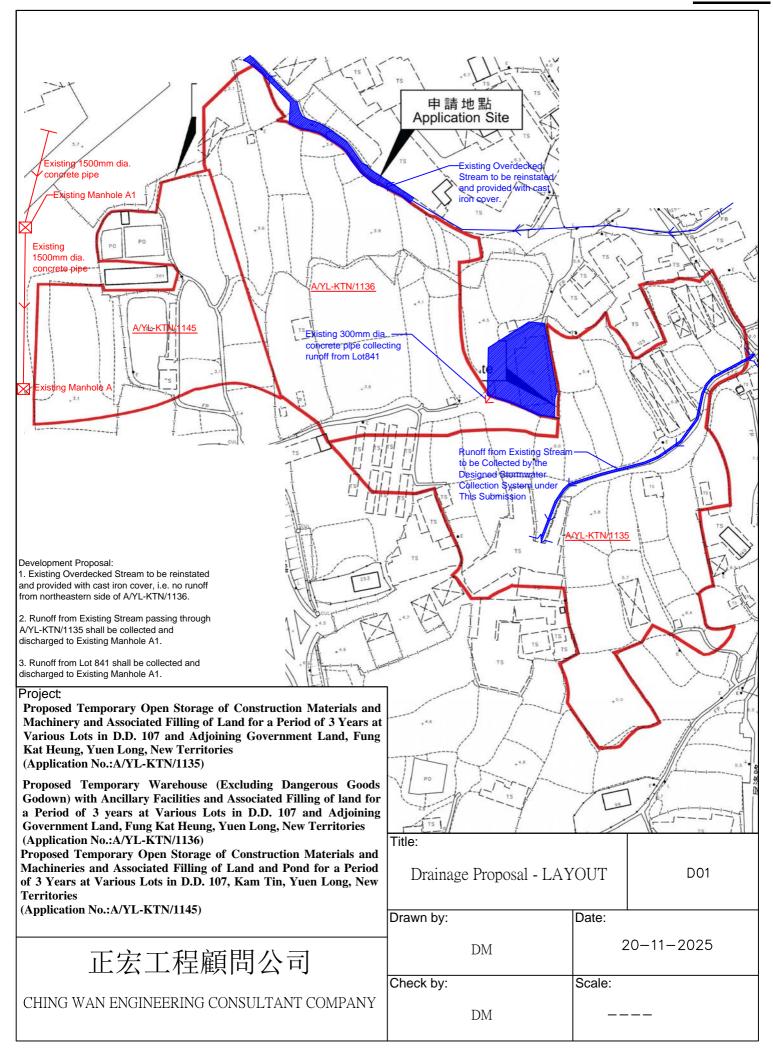


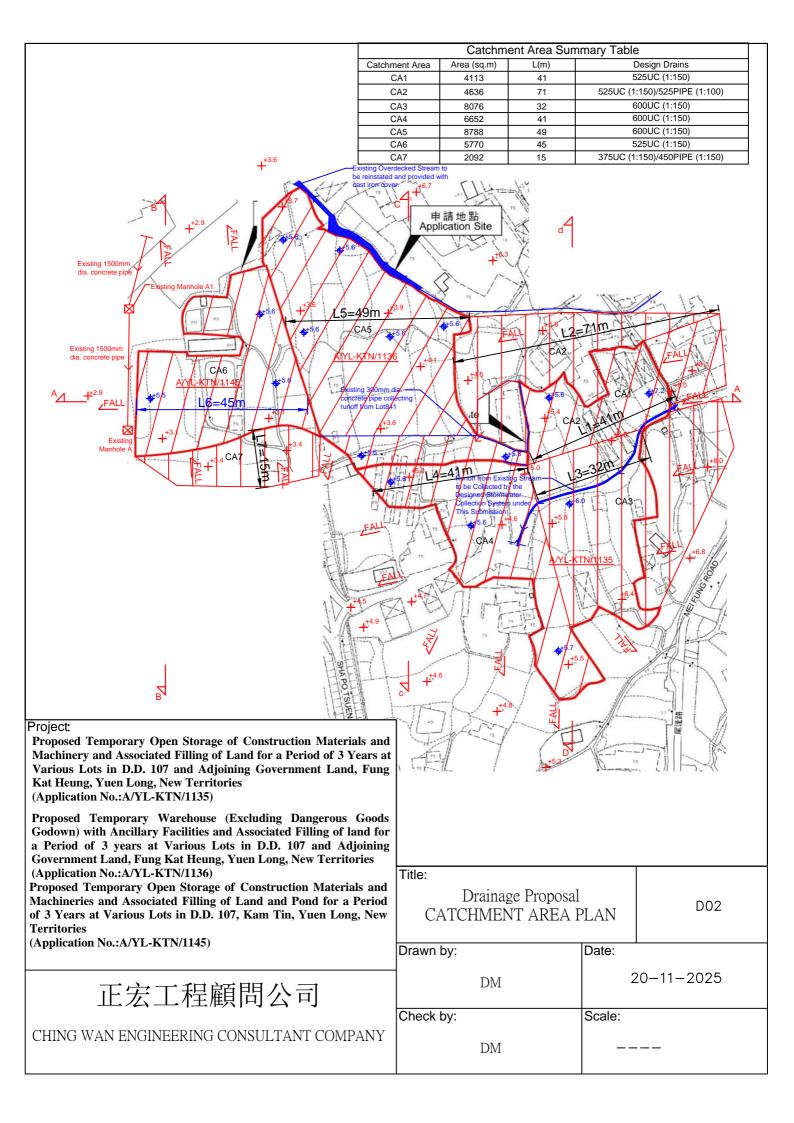
# S.16 Planning Application No. A/YL-KTN/1136

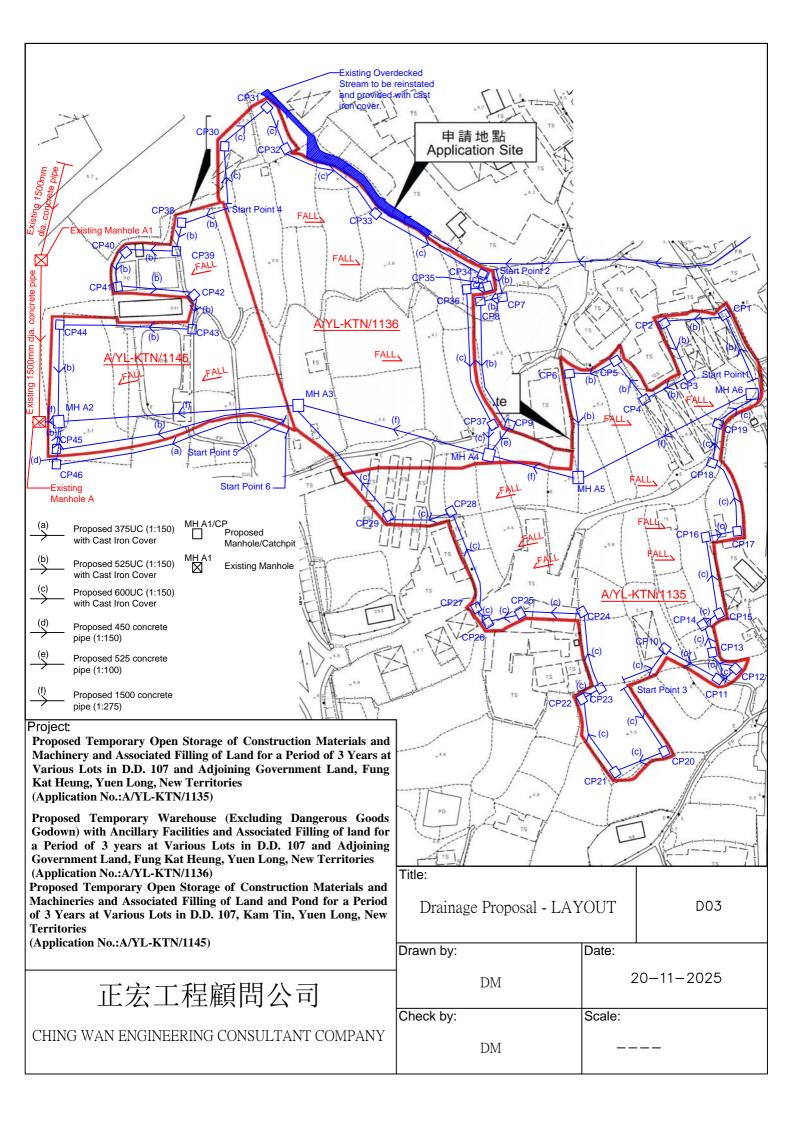
	proposed construction works and operations will not result in unacceptable drainage impacts on the vicinity.	
	 Comments of the District Planning Officer/Fanling, Sheung Shui and Yuen Long Ea (Contact Person: Ms. Andrea YAN; Tel: 3168 4049)	ast, Planning Department (DPO/FSYLE, PlanD)
(a)	Please provide justification(s) on why the subject application is not submitted by the affected business operator i.e. Chun Sing Air-Sea Worldwide.	As Chun Sing Air Sea Worldwide, the affected business operator, is a logistics company that prefers to concentrate on running their business in Ha Tsuen and searching for a suitable site for relocation, it has authorized the applicant to facilitate the subject relocation application.



# Annex I







			Catchpit Schedule					
	Start Point		Catchpit Number	C.L.	I.L.			
Start Point	C.L.	I.L.	CP1	+7.20	+6.546			
			CP2	+6.70	+6.125			
Start Point 1	+7.20	+6.625	CP3	+6.70	+5.992			
Start Point 2	+4.50	+3.925	CP4	+6.20	+5.625			
Start Point 2	+4.50	+3.925	CP5	+6.20	+5.518			
			CP6	+5.60	+5.025			
Start Point 3	+5.70	+5.050	CP7	+4.50	+3.859			
00.45.44	5.00	4.050	CP8	+4.50	+3.824			
Start Point 4	+5.60	+4.950	CP9	+4.50	+3.498			
			CP10	+5.70	+4.917			
			CP11	+5.80	+4.780			
Start Point 5	+5.60	+4.950	CP12	+5.90	+4.741			
			CP13 CP14	+6.00	+4.682			
Start Point 6	+3.80	+3.375	CP15	+6.10 +6.10	+4.628 +4.597			
			CP16	+6.10	+4.597			
		•	CP17	+6.20	+4.416			
			CP18	+6.70	+4.173			
	Manhala Oil ii	ıl a	CP19	+7.20	+4.070			
	Manhole Schedu		CP20	+5.70	+5.464			
Manhole	C.L.	I.L.	CP21	+5.70	+5.345			
Ex.MH A	+5.68	A1=+2.64, A2=+2.64,	CP22	+5.70	+5.151			
EX.WITT	10.00	X1=+2.63	CP23	+5.70	+5.116			
MH A2	+5.60	A1=+3.779, A2=+2.67,	CP24	+5.60	+4.929			
		A3=+2.67, X1=+2.66	CP25	+5.60	+4.784			
MH A3	+5.60	A1=+2.882, A2=+3.93,	CP26	+5.60	+4.716			
WIIITAG	10.00	X1=+2.881	CP27	+5.60	+4.689			
MH A4	+5.60	A1=+3.541,	CP28	+5.60	+4.437			
		A2=+3.427,	CP29	+5.60	+4.284			
		A3=+3.062, X1=+3.061	CP30	+5.60	+4.810			
MH A5	+5.80	A1=+4.775,	CP31	+5.60	+4.678			
		A2=+3.179, X1=+3.178	CP32	+5.60	+4.581			
			CP33	+5.60	+4.298			
MH A6	+7.20	A1=+3.443 (Ex. Stream), X1=+3.442	CP34	+5.60	+3.996			
		Silealii), X1=+3.442	CP35 CP36	+5.60	+3.981			
			CP36	+5.60	+3.947			
			CP38	+5.60 +5.60	+3.598 +4.832			
oject:			CP39	+5.60	+4.832			
	Onen Storage of Con	struction Materials and	CP40	+5.60	+4.666			
		or a Period of 3 Years at	CP41	+5.60	+4.590			
arious Lots in D.D. 1	107 and Adjoining G	overnment Land, Fung	CP42	+5.60	+4.407			
at Heung, Yuen Long			CP43	+5.60	+4.336			
Application No.:A/YL-			CP44	+5.60	+4.007			
		ling Dangerous Goods	CP45	+5.60	+4.345			
		ciated Filling of land for D.D. 107 and Adjoining	CP46	+3.00	+2.726			
overnment Land, Fun								
Application No.:A/YL-			Title:					
		struction Materials and	Duoinos T	Dranaga1				
		and Pond for a Period n Tin, Yuen Long, New	Drainage F	•	D04			
erritories	7013 III <i>D.D.</i> 107, Kall	ii iiii, i ucii Lung, new	Manhole and Cate	enpit Schedule	nedule			
pplication No.:A/YL-	KTN/1145)	ļ. Ī	Drawn by:	Date:	Date:			
<b>→</b>	一十 北口 白宝 日日	<u> </u>	DM		20-11-2025			
止宏	工程顧問							
	MEEDING CONGL		Check by:	Scale:	Scale:			
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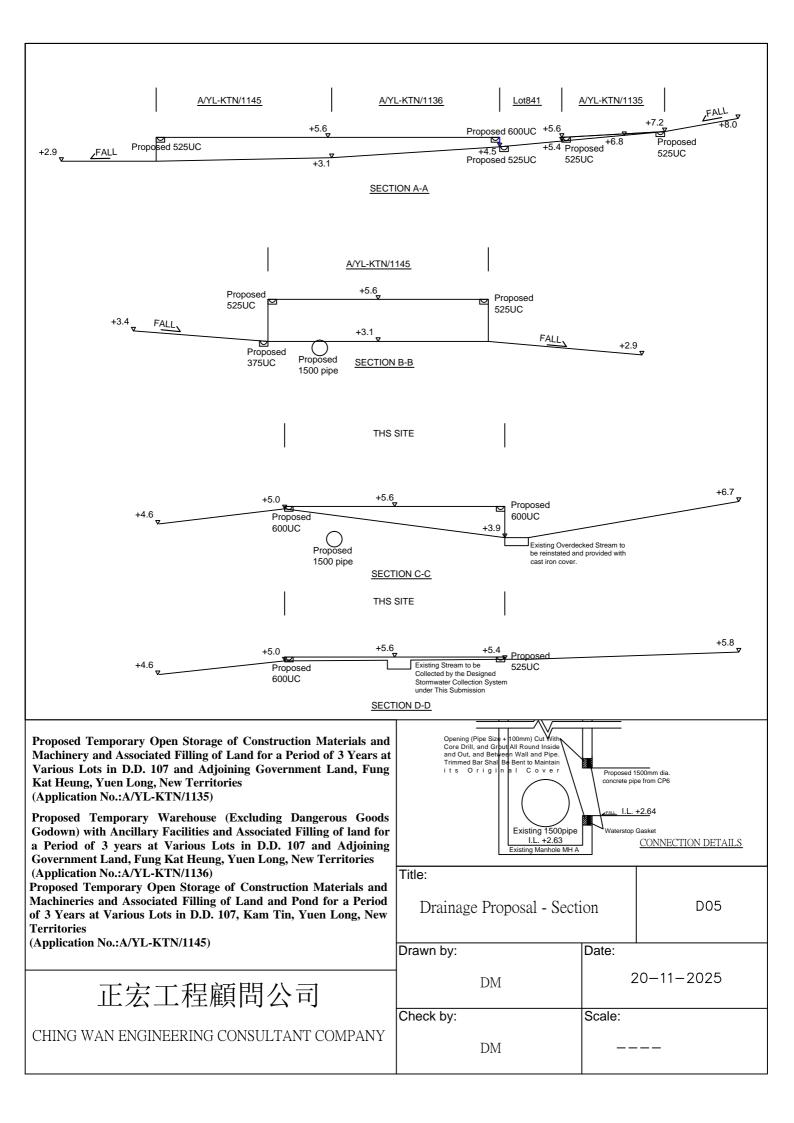


Photo 1 showing Ex. MH A1

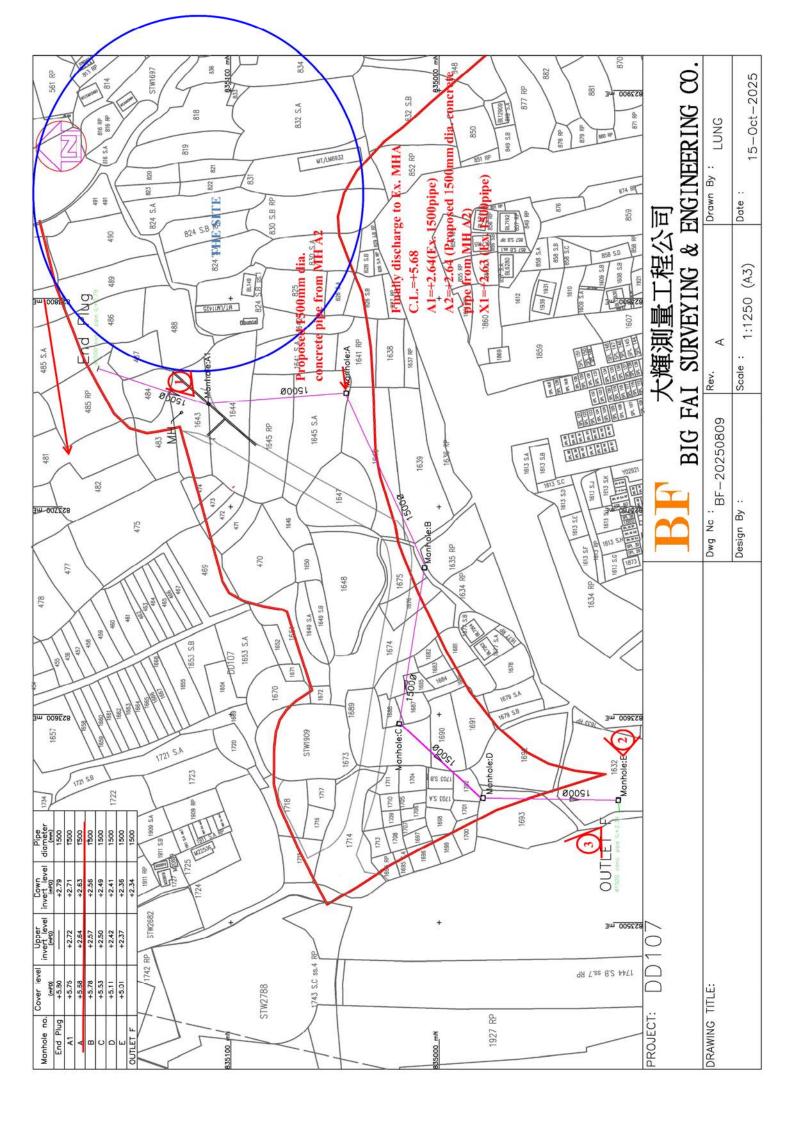


Photo 2 showing the last Manhole MH E



**Photo 3 showing the Ultimate Outfall** 





CA 1, Area			= 4113	m <sup>2</sup>	(C=	0.95	)	L1=	41	m		
CA 2, Area			= 4636	m <sup>2</sup>	(C=	0.95	)	L2=	71	m		
CA 3, Area CA 4, Area			= 8076 = 6652	m <sup>2</sup>	(C=	0.95	)	L3= L4=	32 41	m		
CA 4, Alea CA 5, Area			= 8788	m <sup>2</sup> m <sup>2</sup>	(C= (C=	0.95	)	L5=	49	m m		
CA 6, Area			= 5770	m <sup>2</sup>	(C=	0.95	)	L6=	45	m		
CA 7, Area			= 2092	m <sup>2</sup>	(C=	0.95	)	L7=	15	m		
Calculation of	Design Runo	ff of the	Proposed Development,	CA 1								
For the design	or grains fro	m start g ΣΟ	point 1 to CP6, consider Catchm = Σ0.278 C i A	ent CAI								
		- 4	2012/00171									
		Α	= 4113	m <sup>2</sup>								
			= 4113	. 2								
			= 0.004113	km <sup>2</sup>								
		t	= 0.14465 L1/H <sup>0.2</sup> A <sup>0.1</sup>									
			= 0.14465*41/1 <sup>0.2</sup> *4113 <sup>0.1</sup>									
			= 2.580	min								
		i			(50 rate motiva	en moniod	I Toble 2e	, Corrigendum 20	224			
		1	= 1.16*a/(t+b) <sup>c</sup> = 1.16*505.5/(2.58+3.29) <sup>0.355</sup>					o climate change				
			= 312.8	mm/hr				_				
	Therefore,	Q	= 0.278*0.95*312.8*0.004113									
			= 0.3398 = <b>20388</b>	m³/sec lit/min								
			- <u>20.300</u>	HOHIH								
			:	Provide 52:	5UC (1:150) i	s OK						
For the design	of drains fro		point 2 to CP9, consider Catchm	ent: CA 2								
		ΣQ	= Σ0.278 C i A									
		Α	= 4636	$m^2$								
			= 4636									
			= 0.004636	km <sup>2</sup>								
		t	= 0.14465 L2/H <sup>0.2</sup> A <sup>0.1</sup>									
			= 0.14465*71/1 <sup>0.2</sup> *4636 <sup>0.1</sup> = 4.415	min								
			- 1.715									
		i	$= 1.16*a/(t+b)^{c}$					, Corrigendum 20				
			= 1.16*505.5/(4.415+3.29) <sup>0.355</sup>	5	SDM) and (	16% inci	rease due t	to climate change	:)			
			= 284.0	mm/hr								
	Therefore,	0	= 0.278*0.95*284.0*0.004636	5								
		•	= 0.3478	m³/sec								
			= <b>20866</b>	lit/min								
								_				
			Provide 525U	C (1:150) /	525 concrete	pipe (1:	:100) is O	K				
For the design	of drains fro	m etart r	point 3 to CP19, consider Catchi	ment: CA 3	3							
TOT THE GOING	OI GIGIND IIO		= Σ0.278 C i A		2							
				2								
		A	= 8076	m <sup>2</sup>								
			= 8076 = 0.008076	km <sup>2</sup>								
			- 0.000070	KIII								
		t	= 0.14465 L3/ H <sup>0.2</sup> A <sup>0.1</sup>									
			= 0.14465*32/1 <sup>0.2</sup> *8076 <sup>0.1</sup>									
			= 1.883	min								
		i	= 1.16*a/(t+b) <sup>c</sup>		(50 yrs retur	n period	l, Table 3a.	, Corrigendum 20	024.			
		•	= 1.16*505.5/(1.883+3.29) <sup>0.355</sup>	5				o climate change				
			= 327.2	mm/hr								
	mı a		0.00000.0000000000000000000000000000000									
	Therefore,	Q	= 0.278*0.95*327.2*0.008076 = 0.6979									
			= 0.6979 = <b>41873</b>	m <sup>3</sup> /sec lit/min								
			JANIE.									
			:	Provide 60	OUC (1:150) i	s OK						
1						_						

```
For the design of drains from start point 3 to CP29, consider Catchment: CA 4
                                               = 6652
                                               = 6652
                                               = 0.006652
                                                                                       km<sup>2</sup>
                                             = 0.14465 \text{ L4/ H}^{0.2} \text{A}^{0.1}
= 0.14465*41/1^{0.2}*6652^{0.1}
= 2.459
                                                                                                     (50 yrs return period, Table 3a, Corrigendum 2024, SDM) and (16% increase due to climate change)
                                             = 1.16*a/(t+b)<sup>c</sup>
                                               = 1.16*505.5/(2.459+3.29)^{0.355}= 315.1
                                                                                     mm/hr
                   Therefore, Q
                                             = 0.278*0.95*315.1*0.006652
= 0.5537
                                               = 33219
                                                                                   Provide 600UC (1:150) is OK
For the design of drains from start point 4 to CP37, consider Catchment: CA 5
                                     \Sigma Q = \Sigma 0.278 C i A
                                             = 8788
= 8788
                                               = 0.008788
                                             = 0.14465 L5/H<sup>0.2</sup>A<sup>0.1</sup>
                                               = 0.14465*49/1<sup>0.2</sup>*8788<sup>0.1</sup>
= 2.858
                                                                                        min
                                                                                                     (50 yrs return period, Table 3a, Corrigendum 2024, SDM) and (16% increase due to climate change)
                                              = 1.16*a/(t+b)^{c}
                                               = 1.16*505.5/(2.858+3.29)<sup>0.355</sup>
= 307.7
                                             = 0.278*0.95*307.7*0.008788
= 0.7142
                   Therefore, Q
                                               = 42853
                                                                                    Provide 600UC (1:150) is OK
For the design of drains from start point 4 to CP44 and start point 5 to CP45, consider Catchment: CA 6 \Sigma Q = \Sigma 0.278 \, C i A
                                              = 5770
                                               = 5770
= 0.00577
                                                                                       km<sup>2</sup>
                                              = 0.14465 L6/ H<sup>0.2</sup>A<sup>0.1</sup>
                                               = 0.14465*45/1<sup>0.2</sup>*5770<sup>0.1</sup>
= 2.738
                                            = 1.16*a/(t+b)^{\circ}
= 1.16*505.5/(2.738+3.29)^{0.355}
                                                                                                    (50 yrs return period, Table 3a, Corrigendum 2024, SDM) and (16% increase due to climate change)
                                            = 0.278*0.95*309.9*0.005770
                   Therefore, O
                                               = 0.4722
                                               = 28335
                                                                                   Provide 525UC (1:150) is OK
For the design of drains from start point 6 to CP46, consider Catchment: CA 7
                                              = 2092
                                                                                        m^2
                                               = 2092
= 0.002092
                                                                                       km^2
                                              = 0.14465 \text{ L6/ H}^{0.2} \text{A}^{0.1}
= 0.14465*15/1^{0.2}*2092^{0.1}
= 1.010
                                             = 1.16*a/(t+b)^c
= 1.16*505.5/(1.010+3.29)^{0.355}
= 349.4
                                                                                                     (50 yrs return period, Table 3a, Corrigendum 2024,
                                                                                                     SDM) and (16% increase due to climate change)
                                                                                     mm/hr
                   Therefore, Q
                                             = 0.278*0.95*349.4*0.002092
= 0.1930
                                               = 11582
                                                                  Provide 375UC (1:150) / 450 concrete pipe (1:150) is OK
```

# 450 pipe for CA7

Check 450mm dia. Pipes by Colebrook-White Equation

$$V = -\sqrt{(8gDs)} \log(\frac{ks}{3.7D} + \frac{2.51v}{D\sqrt{(2gDs)}})$$

where:

Therefore, design V of pipe capacity

Check 525mm dia. Pipes by Colebrook-White Equation

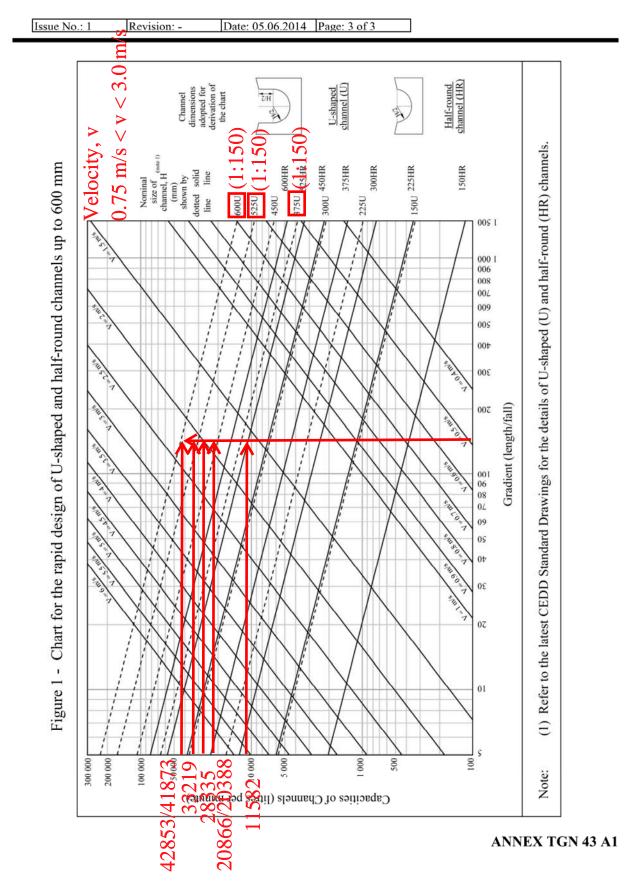
$$V = -\sqrt{(8gDs)} \log(\frac{ks}{3.7D} + \frac{2.51v}{D\sqrt{(2gDs)}})$$

where:

Therefore, design V of pipe capacity

Geotechnical Engineering Office, Civil Engineering and Development Department The Government of the Hong Kong Special Administrative Region

GEO Technical Guidance Note No. 43 (TGN 43) Guidelines on Hydraulic Design of U-shaped and Half-round Channels on Slopes



# O. GEOINFO MAP O. 地理資訊地圖



前往地圖: https://www.map.gov.hk/gm/geo:22.4546,114.0555?z=4514



由「地理資訊地圖」網站提供: https://www.map.gov.hk

注意:使用此地圖受「地理資訊地圖」的使用條款及條件以及知識產權告示約束。

Check 1500mm dia. Pipes by Colebrook-White Equation

$$V = -\sqrt{(8gDs)} \log(\frac{ks}{3.7D} + \frac{2.51v}{D\sqrt{(2gDs)}})$$

where:

Therefore, design V of pipe capacity

m/s

2.93

Outside Catchment Area 1 , Are	ea	= 670	12	m <sup>2</sup>	(C=	0.95	)	L1=	250 m	
Calculation of Design Runoff For the design of drains for 1										
2	ΣQ	$=$ $\Sigma 0$	0.278 C i A							
	A	= 670 = 670 = 0.06	12	$m^2$ $km^2$						
	t		4465 L1/ H <sup>0.2</sup> A <sup>0.1</sup> 4465*49/1 <sup>0.2</sup> *67012 <sup>0.1</sup>	min						
	i		5*a/(t+b) <sup>c</sup> 5*505.5/(11.903+3.29) <sup>0.355</sup> .2	mm/hr				, Corrigendum 20 to climate change		
Therefore,	Q	= 0.27 = 3.95 = <b>237</b>		m³/sec lit/min						

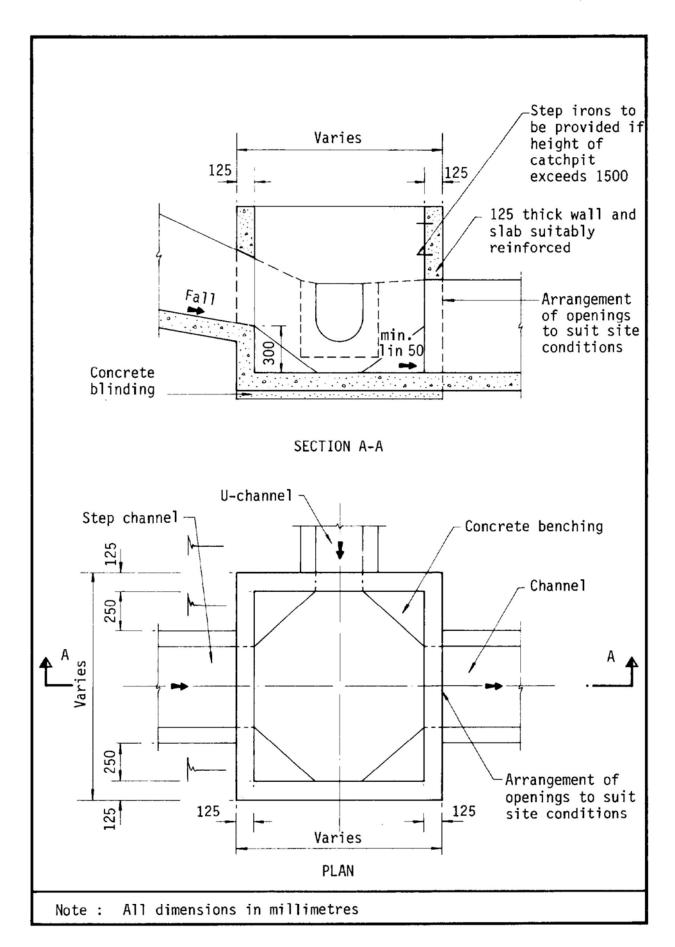


Figure 8.10 - Typical Details of Catchpits

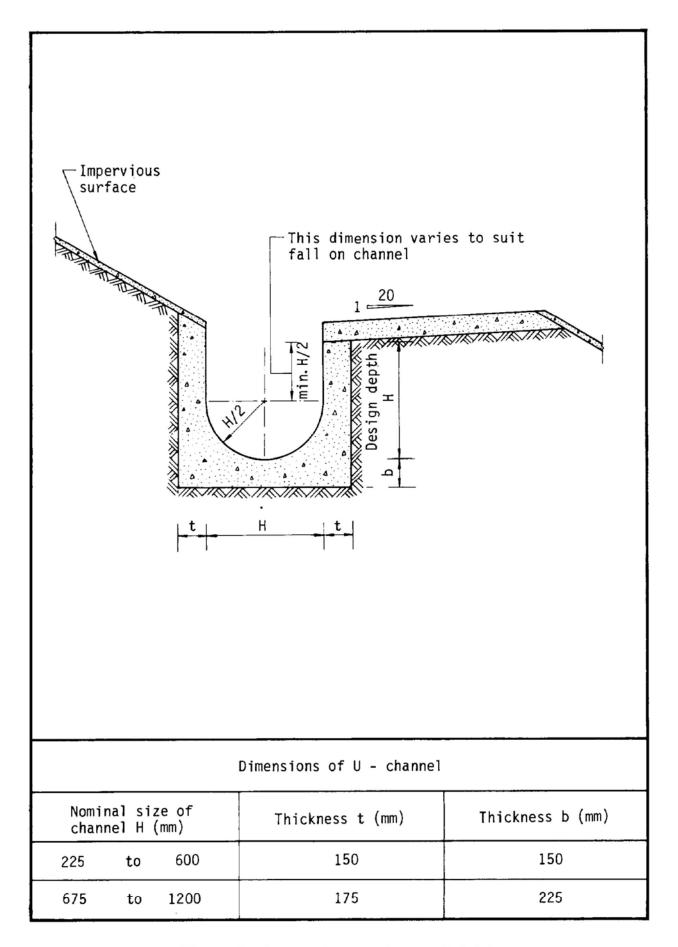


Figure 8.11 - Typical U-channel Details