Drainage Impact Assessment

Aug 2025

Ju.



Prepared by: YU Cheuk Yin Derek (RP0735920)

Drainage Impact Assessment

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Drainage Impact Assessment

1 Introduction

1.1 Background

- 1.1.1 The applicant seeks planning permission from the Town Planning Board (the Board) to use Various Lots in D.D. 84, Ta Kwu Ling, New Territories (the Site) for 'Proposed Temporary Medium Goods Vehicles and Container Tractor/Trailer Park with Ancillary Facilities and Associated Filling of Land for a Period of 3 years.
- 1.1.2 This report aims to support the development in drainage aspect.

1.2 Application Site

- 1.2.1 The application site is located to the west of Ping Che Road. It has an area of approx. 16,115 m². The site location is shown in **Figure 1**.
- 1.2.2 The existing site is mostly unpaved paved. Existing levels are various from approximately +9.0 to +10.2 mPD. The site would be concreted for not more than 0.2m for formation of structure and maneuvering of vehicle. No major site formation of the Application Site is anticipated.
- 1.2.3 There is an existing approx.. 12m width watercourse and an approx.. 15m width Ping Yuen River at the west of the site. **Figure 2** indicates the existing drainage system of the area.

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2 Development Proposal

2.1 The Proposed Development

2.1.1 The total site area is approximately 16,115 m². The catchment plan is shown in **Figure 4**.

Proposed Development Area (Approx.)					
Total Site Area (m²)	16,115				
Paved Area after Development (m ²)	16,115				

Table 1 - Site Development Area

3 Assessment Criteria

3.1.1 The Recommended Design Return Period based on Flood Level from SDM (Table 10) is adopted for this report. The recommendation is summarized in **Table 2** below.

Description	Design Return Periods
Intensively Used Agricultural Land	2 – 5 Years
Village Drainage Including Internal Drainage System under a polder Scheme	10 Years
Main Rural Catchment Drainage Channels	50 Years
Urban Drainage Trunk System	200 Years
Urban Drainage Branch System	50 Years

Table 2- Design Return Periods under SDM

3.1.2 The proposed drainage system intended to collect runoff from internal site and external catchment. 1 in 10 years return period is adopted.

Drainage Impact Assessment

- 3.1.3 Stormwater drainage design will be carried out in accordance with the criteria set out in the Stormwater Drainage Manual published by DSD. The proposed design criteria to be adopted for design of this stormwater drainage system and factors which have been considered are summarised below.
 - 1. Intensity-Duration-Frequency Relationship The Recommended Intensity-Duration-Frequency relationship is used to estimate the intensity of rainfall. It can be expressed by the following algebraic equation.

$$i = \frac{a}{(t_d + b)^c}$$

The site is located within the North District Zone. Therefore, for 10 years return period, the following values are adopted.

a =
$$454.9$$

b = 3.44
c = 0.412

(Corrigendum No.1/2024)

The development is proposed for temporary use for a period of 3 years. 11.1% rainfall increase due to climate change is considered.

2. The peak runoff is calculated by the Rational Method i.e. $Q_p = 0.278CiA$

where Q_p = peak runoff in m³/s C = runoff coefficient (dimensionless) i = rainfall intensity in mm/hr A = catchment area in km²

- 3. The run-off coefficient (C) of surface runoff are taken as follows:
 - Paved Area: C = 0.95
 Unpaved Area: C = 0.35

4. Manning's Equation is used for calculation of velocity of flow inside the channels:

Manning's Equation:
$$v = \frac{R^{\frac{1}{6}}}{n} R^{\frac{1}{2}} S_f^{\frac{1}{2}}$$

Where,

V = velocity of the pipe flow (m/s)

S_f = hydraulic gradient

n = manning's coefficient

R = hydraulic radius (m)

5. Colebrook-White Equation is used for calculation of velocity of flow inside the pipes:

Colebrook-White Equation:
$$\underline{v} = -\sqrt{32gRS} \log \log \left(\frac{k_s}{14.8R} + \frac{1.255v}{R\sqrt{32gRS_f}}\right)$$

where,

V = velocity of the pipe flow (m/s)

S_f = hydraulic gradient k_f = roughness value (m)

v = kinematics viscosity of fluid

D = pipe diameter (m) R = hydraulic radius (m)

Drainage Impact Assessment

4 Proposed Drainage System

4.1. Proposed Channels

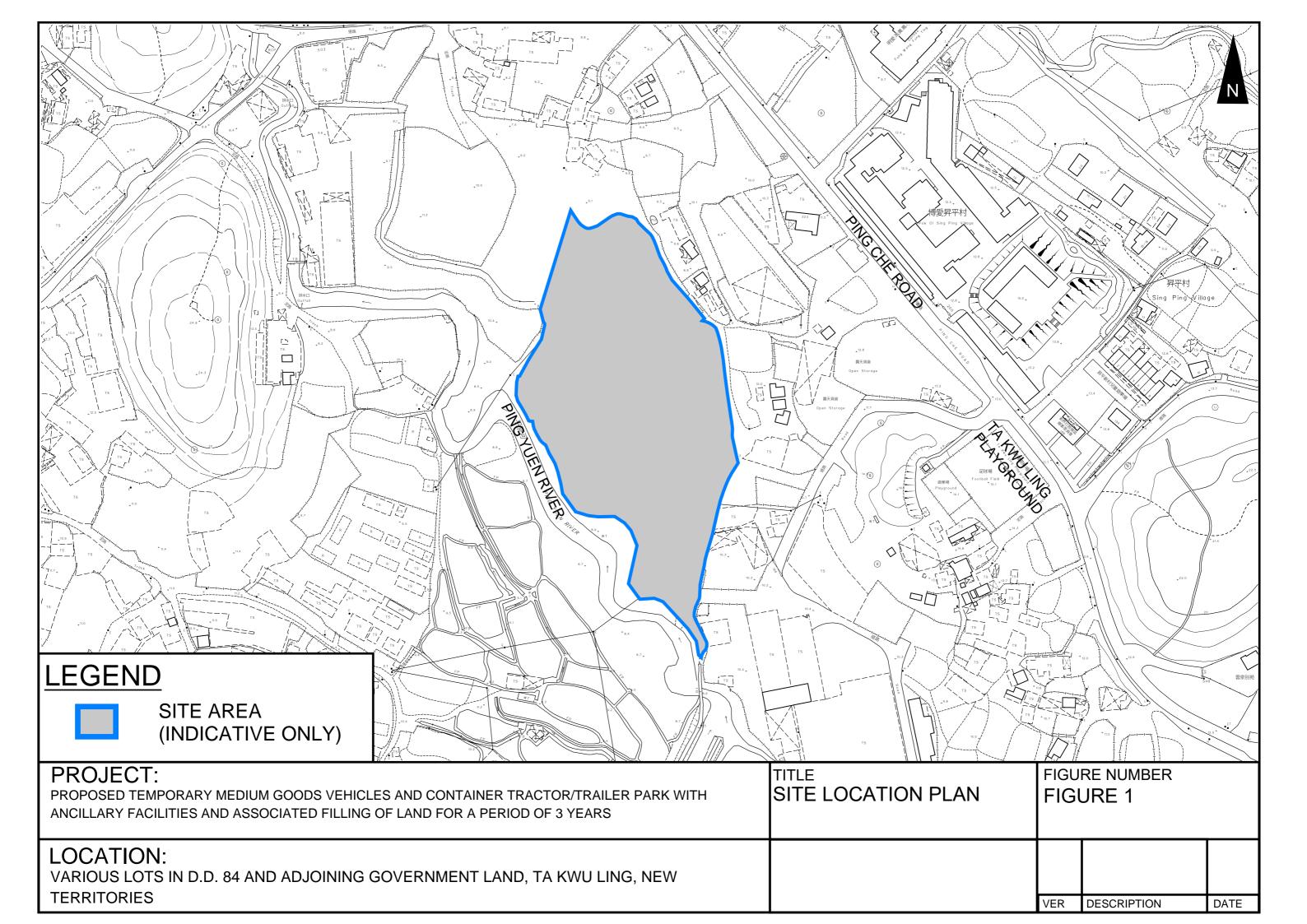
- 4.1.1 Proposed channels are designed for collection of runoff for application site. It is proposed to discharge to existing approx. 12m width nearby Ping Yuen River. According to the checking of existing drains in **Appendix A**, it has enough capacity to carry the flow from existing catchment and proposed development.
- 4.1.2 The design calculations of proposed drains are shown in **Appendix A**. Checking of utilization of existing approx. 12m width nearby Ping Yuen River is also indicated in **Appendix A**. It is shown that the utilization is only about 9.6%.
- 4.1.3 The alignment, size, gradient and details of the proposed drains are shown in **Figure 3**. The catchment plan is shown in **Figure 4**.
- 4.1.5 Reference Drawings are shown in **Appendix C** for reference. Existing site photos are shown in **Appendix D**.

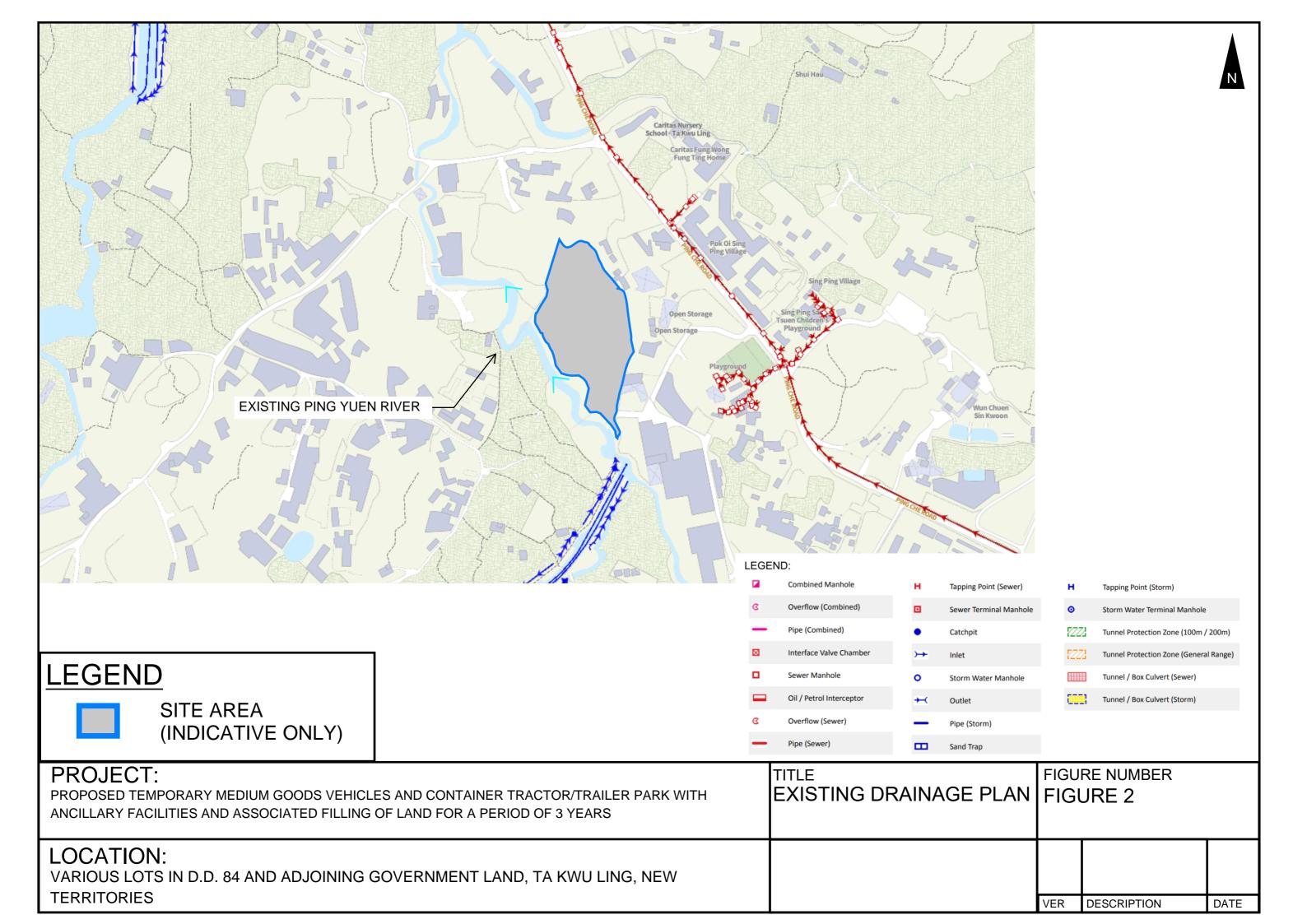
5 Conclusion

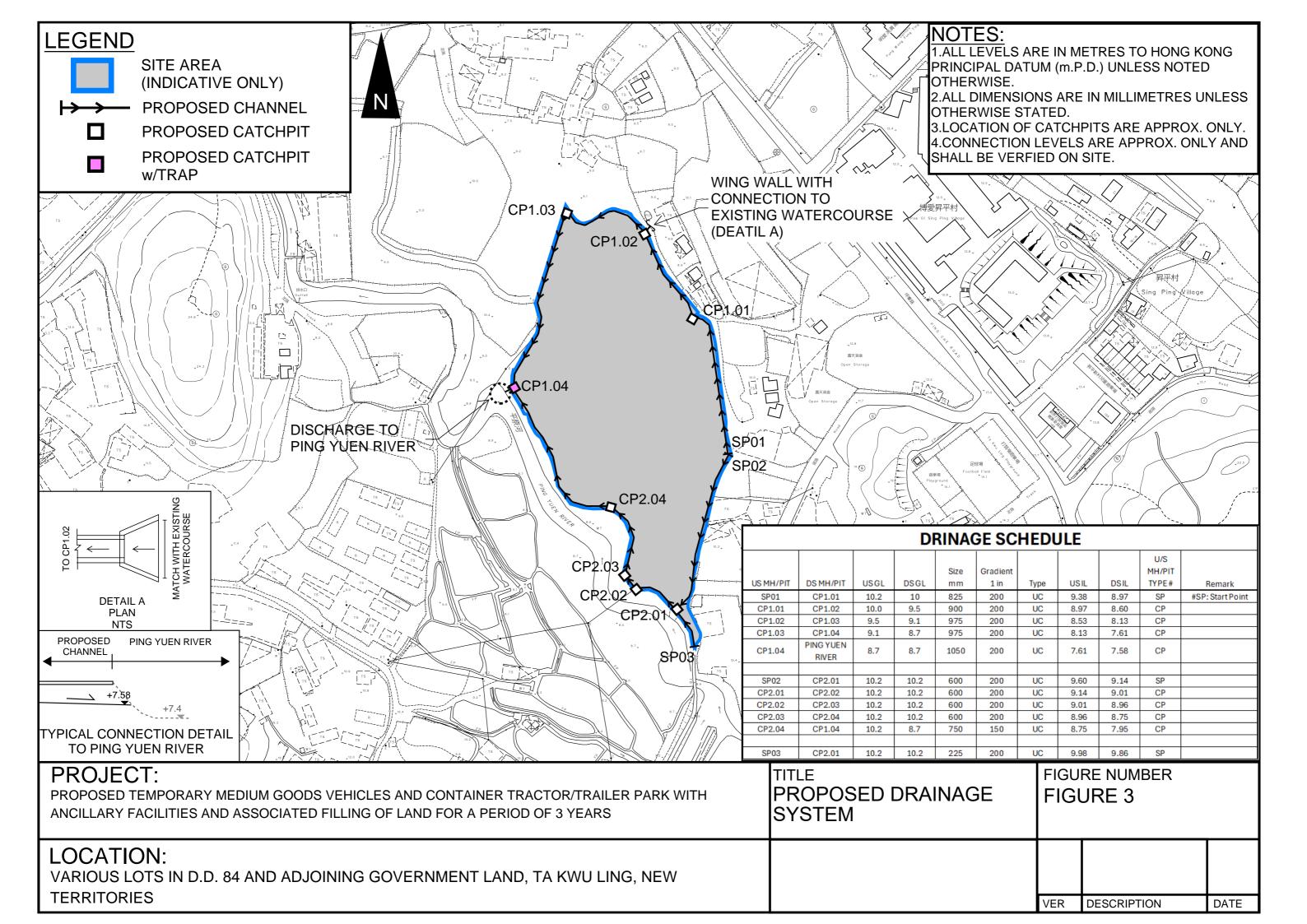
- 5.1.1 Drainage review has been conducted for the Proposed Development. The surface runoff will be collected by the proposed drains and discharged to existing Ping Yuen River.
- 5.1.2 With implementation of the above drainage system, no unacceptable drainage impact is anticipated.

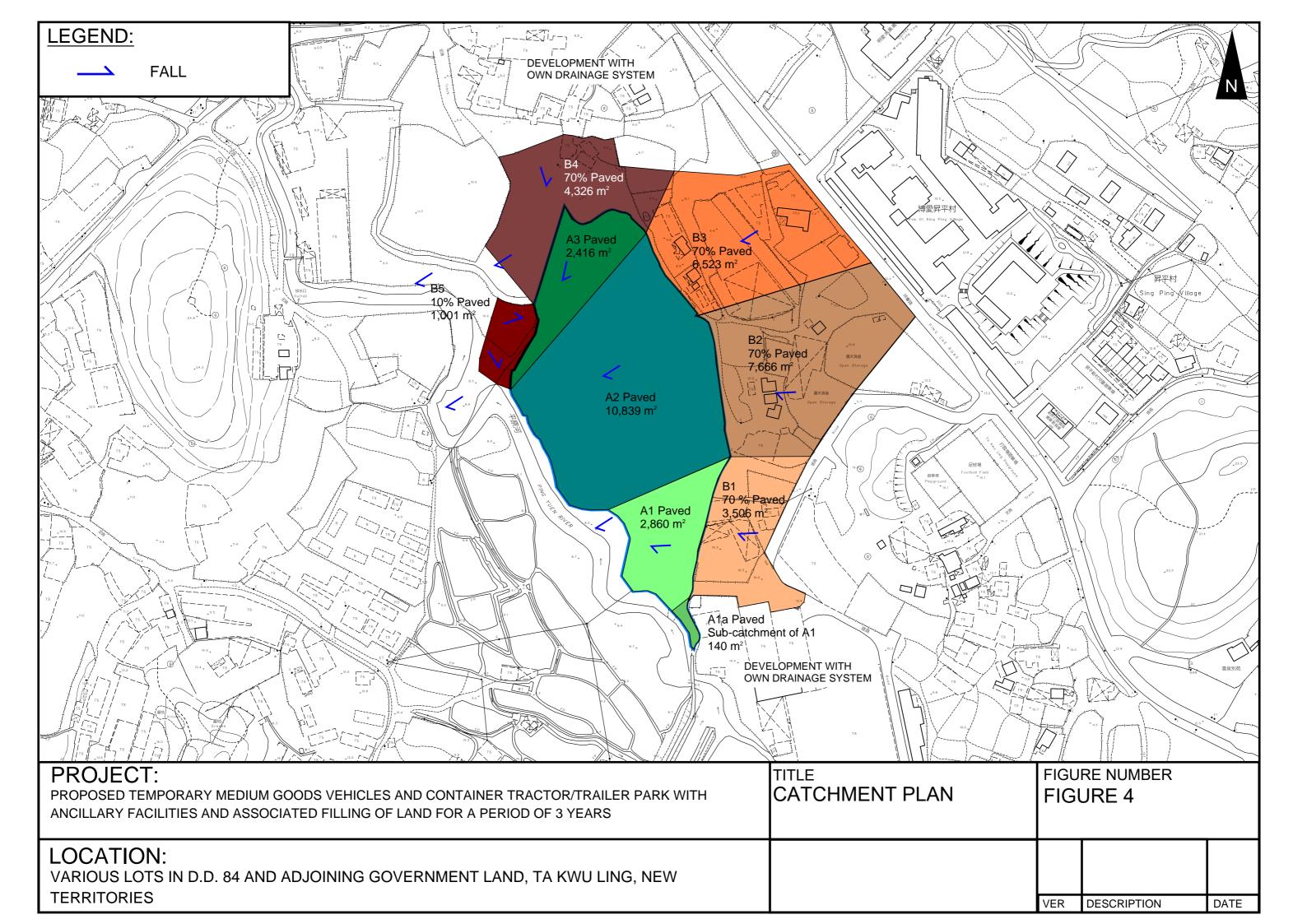
- End of Text -

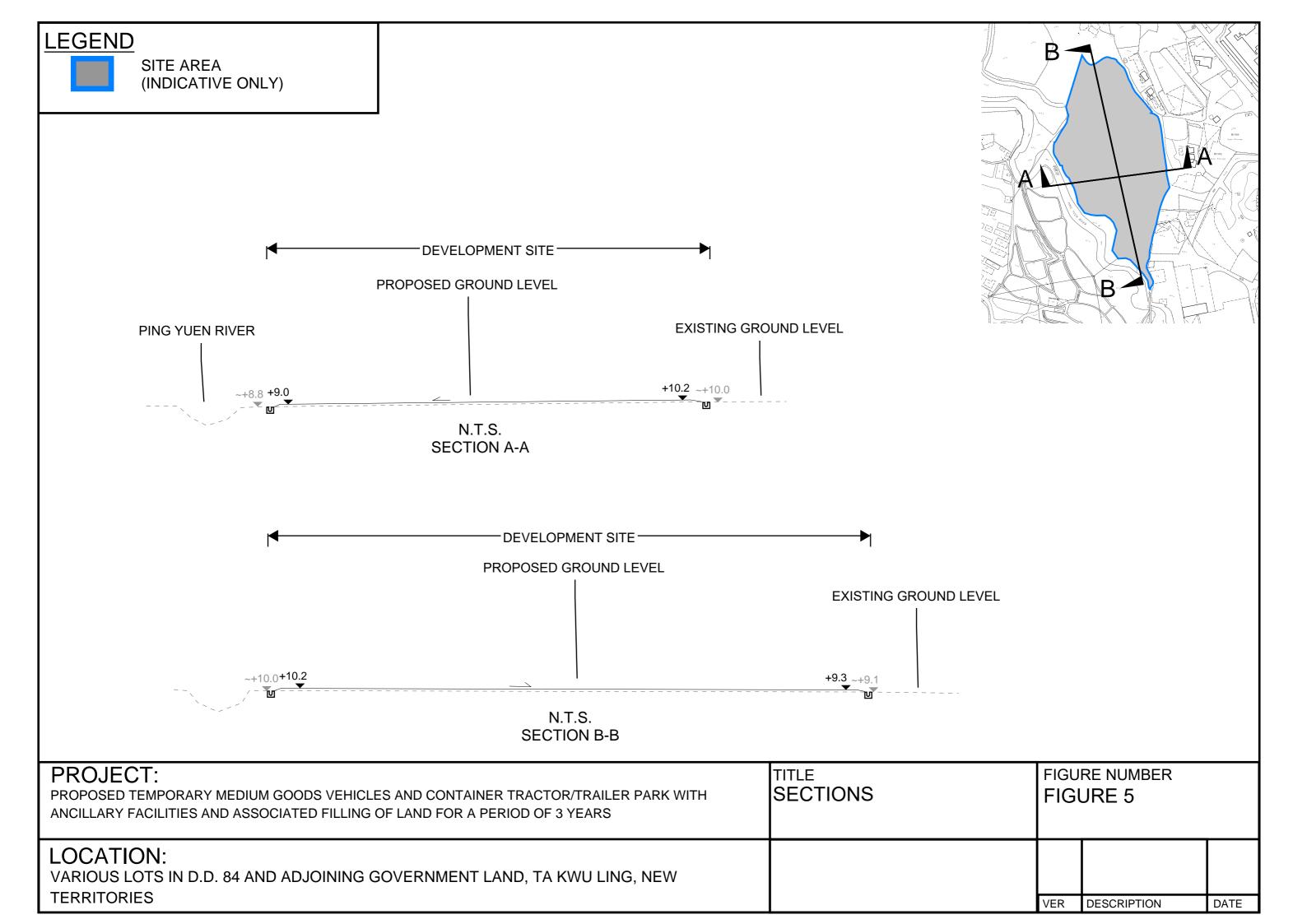
FIGURES











APPENDIX

Appendix A: Design Calculation

North District

Return Period	1 in	10	years

n	0.014					
Ks	0.15					
Viscosity	0.000001					

	North District a	454.9
Storm Constant	North District b	3.44
	North District c	0.412

Catchment Area Table (Area in m²)

Catchment	A1	A1a	A2	A3	B1	B2	В3	B4	B5					
Total Area	2860	140	10839	2416	3506	7666	6523	4326	1001					
Hard Paved Area	2860	140	10839	2416	2454.2	5366.2	4566.1	3028.2	100.1					
Unpaved Area	0	0	0	0	1051.8	2299.8	1956.9	1297.8	900.9					
Equival. Area	2717	133	10297.05	2295.2	2699.62	5902.82	5022.71	3331.02	410.41					

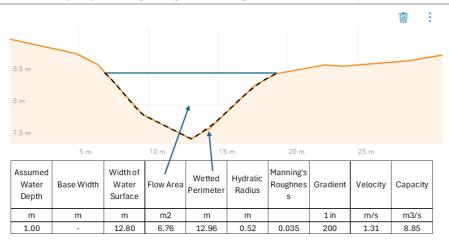
Pavement Type	Hard Paved	Unpaved
Runoff Coefficient	0.95	0.35

Calculation Table of Drainage System

US MH/PIT	DS MH/PIT	US GL	DS GL	Size	Gradient	Туре	US IL	DS IL	U/S MH/PIT	Length	V	Capacity	Catchments	Total Equivalent Area	ToC	Intensity	Total	Utilitizatio	Remark
				mm	1 in				TYPE#	m	m/s##	m³/s		m ²	min	mm/hr##	Discharge	n	
																	m³/s		
SP01	CP1.01	10.20	10.00	825	200	UC	9.38	8.97	SP	81.3	2.19	1.33	A2,B2	16199.87	3.00	235	1.06	79.2%	
CP1.01	CP1.02	10.00	9.50	900	200	UC	8.97	8.60	CP	53.8	2.33	1.68	A2,B2,B3	21222.58	3.62	226	1.33	79.3%	
CP1.02	CP1.03	9.50	9.10	975	200	UC	8.53	8.13	CP	52.2	2.45	2.08	A2,A3,B2,B3,B4	26848.80	4.00	221	1.65	79.2%	
CP1.03	CP1.04	9.10	8.70	975	200	UC	8.13	7.61	CP	103.3	2.45	2.08	A2,A3,B2,B3,B4,B5	27259.21	4.36	217	1.64	78.9%	
CP1.04	PING YUEN RIVER	8.70	8.70	1050	200	UC	7.61	7.58	CP	5.2	2.58	2.54	A1,A2,A3,B1,B2,B3,B4,B5	32675.83	5.25	207	1.88	74.3%	
SP02	CP2.01	10.20	10.20	600	200	UC	9.60	9.14	SP	91.3	1.78	0.57	A1,B1	5416.62	3.00	235	0.35	61.9%	
CP2.01	CP2.02	10.20	10.20	600	200	UC	9.14	9.01	CP	27.4	1.78	0.57	A1,B1	5416.62	3.86	223	0.34	58.8%	
CP2.02	CP2.03	10.20	10.20	600	200	UC	9.01	8.96	CP	8.9	1.78	0.57	A1,B1	5416.62	4.11	220	0.33	58.0%	
CP2.03	CP2.04	10.20	10.20	600	200	UC	8.96	8.75	CP	42.8	1.78	0.57	A1,B1	5416.62	4.20	219	0.33	57.7%	
CP2.04	CP1.04	10.20	8.70	750	150	UC	8.75	7.95	CP	92.1	2.38	1.19	A1,A2,B1	15713.67	4.60	214	0.94	78.3%	
SP03	CP2.01	10.20	10.20	225	200	UC	9.98	9.86	SP	22.5	0.92	0.04	A1a	133.00	3.00	235	0.01	20.8%	
low from Developme	ent												A1,A2,A3	15309.25	5.25	207	0.88		

#SP: Start Point

Capacity Checking of Ping Yuen River against Flow from Development



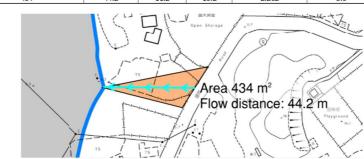
 $0.85 \text{ m}^3/\text{s}$

Total Flow from Site Utilization Rate

9.6% Total flow from Development Site only occupy 9.6% of nearby Ping Yuen River.

Time of Concentration Checking

Catchment	Flow Distance	Highest Level	OWEST EVE	Gradient (per 100m) = (H1-H2)/L x 100	to (min) = 0.14465L/ (H ^{0.2} A ^{0.1})	tc = to + tf
A	L	H1	H2			
(m2)	(m)	(mPD)	(mPD)		(min)	(min)
434	44.2	11.2	10.2	2.262	3.0	3.0

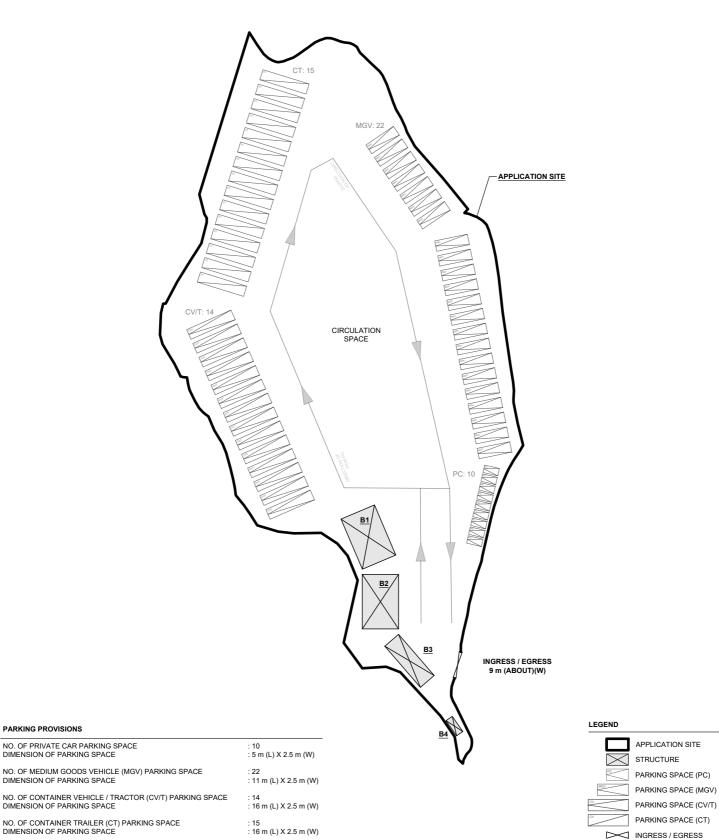


^{## :} With 11.1% rainfall increase as per Table 28 of SDM Corrigendum No. 1/2022.

APPENDIX B - PROPOSED SITE LAYOUT PLAN

DEVELOPMENT PARAMETERS		
APPLICATION SITE AREA COVERED AREA UNCOVERED AREA	: 16,115 m ² : 555 m ² : 15,560 m ²	(ABOUT) (ABOUT) (ABOUT)
PLOT RATIO SITE COVERAGE	: 0.03 : 3 %	(ABOUT) (ABOUT)
NO. OF STRUCTURE DOMESTIC GFA NON-DOMESTIC GFA TOTAL GFA	: 4 : NOT APPLICA : 555 m ² : 555 m ²	BLE (ABOUT) (ABOUT)
BUILDING HEIGHT NO. OF STOREY	: 2.8 m - 4 m : 1	(ABOUT)

STRUCTURE	USE	COVERED AREA	GROSS FLOOR AREA	BUILDING HEIGHT
B1	SITE OFFICE AND WASHROOM	216 m ² (ABOUT)	216 m ² (ABOUT)	4 m (ABOUT)(1-STOREY)
B2	STAFF REST ROOM, WASHROOM AND GUARDROOM	216 m ² (ABOUT)	216 m ² (ABOUT)	4 m (ABOUT)(1-STOREY)
В3	SITE OFFICE AND WASHROOM	108 m ² (ABOUT)	108 m ² (ABOUT)	4 m (ABOUT)(1-STOREY)
B4	METER ROOM	15 m ² (ABOUT)	15 m ² (ABOUT)	2.8 m (ABOUT)(1-STOREY)
	TOTAL	555 m ² (ABOUT)	555 m ² (ABOUT)	



PARKING PROVISIONS

DIMENSION OF PARKING SPACE

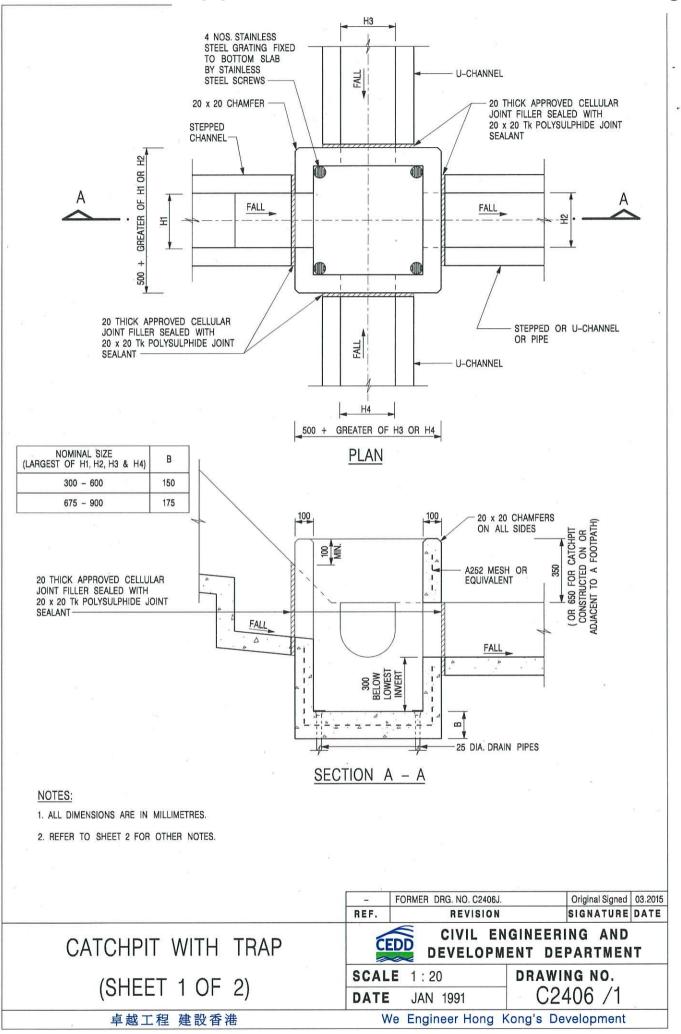
PROJECT SENSON TEMPORARY MEDIUM GOODS VEHICLES AND CONTAINER TRACTOR/TRAILER PARK WITH ANCILLARY FACILITIES AND ASSOCIATED FILLING OF LAND FOR A PERIOD OF 3 YEARS

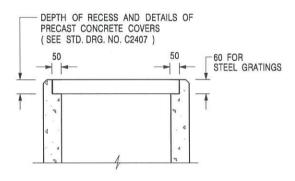
VARIOUS LOTS IN D.D. 84 AND ADJOINING GOVERNMENT LAND, TA KWU LING, NEW TERRITORIES

scale 1:1250@A4	LAYOUT PLAI	V	
DRAWN BY MN	20.8.2025		
REVISED BY	DATE	DWG NO. PLAN 5	ver. 001



Appendix C - Reference Drawings





ALTERNATIVE TOP SECTION FOR PRECAST CONCRETE COVERS / GRATINGS

NOTES:

- 1. ALL DIMENSIONS ARE IN MILLIMETRES.
- 2. ALL CONCRETE SHALL BE GRADE 20 /20.
- 3. CONCRETE SURFACE FINISH SHALL BE CLASS U2 OR F2 AS APPROPRIATE.
- 4. FOR DETAILS OF JOINT, REFER TO STD. DRG. NO. C2413.
- 5. CONCRETE TO BE COLOURED AS SPECIFIED.
- UNLESS REQUESTED BY THE MAINTENANCE PARTY AND AS DIRECTED BY THE ENGINEER, CATCHPIT WITH TRAP IS NORMALLY NOT PREFERRED DUE TO PONDING PROBLEM.
- 7. UPON THE REQUEST FROM MAINTENANCE PARTY, DRAIN PIPES AT CATCHPIT BASE CAN BE USED BUT THIS IS FOR CATCHPITS LOCATED AT SLOPE TOE ONLY AND AS DIRECTED BY THE ENGINEER.
- FOR CATCHPITS CONSTRUCTED ON OR ADJACENT TO A FOOTPATH, STEEL GRATINGS (SEE DETAIL 'A' ON STD. DRG. NO. C2405 /2) OR CONCRETE COVERS (SEE STD. DRG. NO. C2407) SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER.
- 9. IF INSTRUCTED BY THE ENGINEER, HANDRAILING (SEE DETAIL 'J' ON STD. DRG. NO. C2405 /5; EXCEPT ON THE UPSLOPE SIDE) IN LIEU OF STEEL GRATINGS OR CONCRETE COVERS CAN BE ACCEPTED AS AN ALTERNATIVE SAFETY MEASURE FOR CATCHPITS NOT ON A FOOTPATH NOR ADJACENT TO IT. TOP OF THE HANDRAILING SHALL BE 1 000 mm MIN. MEASURED FROM THE ADJACENT GROUND LEVEL.
- 10. MINIMUM INTERNAL CATCHPIT WIDTH SHALL BE 1 000 mm FOR CATCHPITS WITH A HEIGHT EXCEEDING 1 000 mm MEASURED FROM THE INVERT LEVEL TO THE ADJACENT GROUND LEVEL. AND, STEP IRONS (SEE DSD STD. DRG. NO. DS1043) AT 300 c/c STAGGERED SHALL BE PROVIDED. THICKNESS OF CATCHPIT WALL FOR INSTALLATION OF STEP IRONS SHALL BE INCREASED TO 150 mm.
- FOR RETROFITTING AN EXISTING CATCHPIT WITH STEEL GRATING, SEE DETAIL 'G' ON STD. DRG. NO. C2405 /4.
- SUBJECT TO THE APPROVAL OF THE ENGINEER, OTHER MATERIALS CAN ALSO BE USED AS COVERS / GRATINGS.

REF.	REVISION	SIGNATURE	DATE
-	FORMER DRG. NO. C2406J.	Original Signed	03.2015
Α	MINOR AMENDMENT.	Original Signed	04.2016

CATCHPIT WITH TRAP (SHEET 2 OF 2)

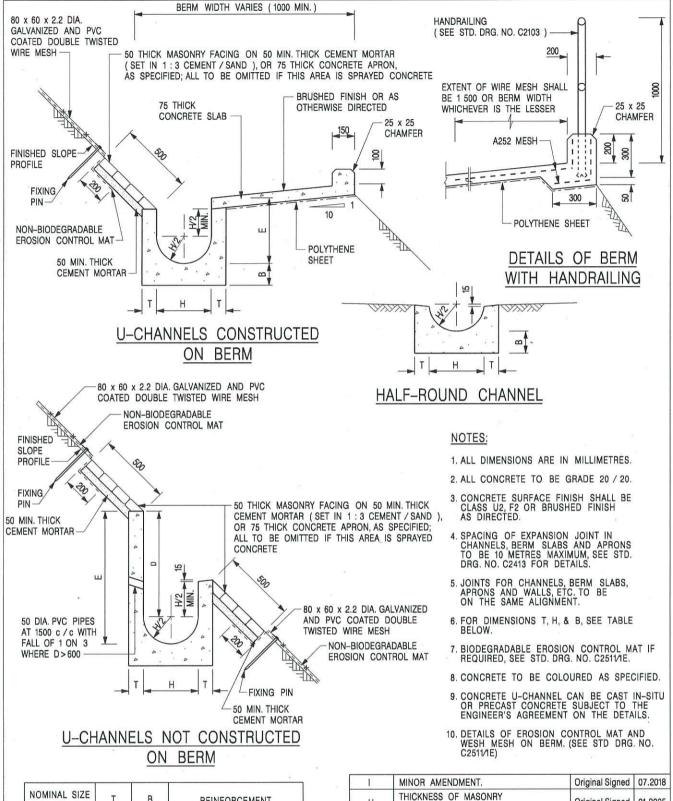


CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE 1:20 **DATE** JAN 1991

drawing no. C2406 /2A

卓越工程 建設香港



NOMINAL SIZE H	T	В	REINFORCEMENT
300	80	100	A252 MESH PLACED CENTRALLY AND T=100
375 - 600	100	150	WHEN E>650
675 - 900	125	175	A252 MESH PLACED CENTRALLY

RE	F. REVISION	SIGNATURE	DATE
	MINOR AMENDMENTS.	Original Signed	3.94
	150 x 100 UPSTAND ADDED AT BERM	I. Original Signed	6.99
	MINOR AMENDMENT.	Original Signed	08.2001
	DRAWING TITLE AMENDED.	Original Signed	11.2001
	GENERAL REVISION.	Original Signed	12.2002
	MINOR AMENDMENT.	Original Signed	01.2004
	THICKNESS OF MASONRY FACING AMENDED.	Original Signed	01.2005
	MINOR AMENDMENT.	Original Signed	07.2018

DETAILS OF HALF-ROUND AND U-CHANNELS (TYPE A -WITH MASONRY APRON)

卓越工程 建設香港

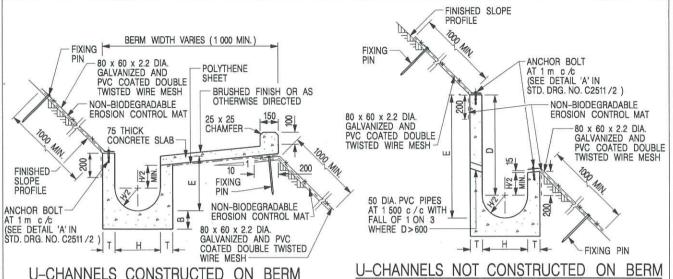
CEDD

CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE 1:25

DATE JAN 1991

C2409l



U-CHANNELS CONSTRUCTED ON BERM WITH NON-BIODEGRADABLE EROSION CONTROL MAT U-CHANNELS NOT CONSTRUCTED ON BERM WITH NON-BIODEGRADABLE EROSION CONTROL MAT

BIODEGRADABLE

EROSION CONTROL MAT

07.2018

12.2017

01.2005

12.2002

08 2001

6.99

3.94

10.92

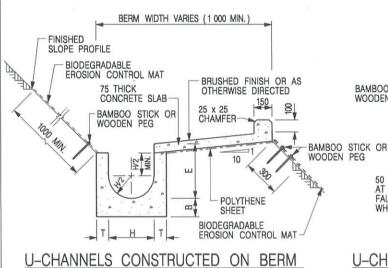
DATE

Original Signed

SIGNATURE

FINISHED SLOPE PROFILE

ш



WITH BIODEGRADABLE

EROSION CONTROL MAT

BAMBOO STICK OR WOODEN PEG

U-CHANNELS NOT CONSTRUCTED ON BERM

WITH BIODEGRADABLE

EROSION CONTROL MAT

NOTES:

- 1. ALL DIMENSIONS ARE IN MILLIMETRES.
- 2. ALL CONCRETE TO BE GRADE 20 /20.
- 3. CONCRETE SURFACE FINISH SHALL BE CLASS U2, F2 OR BRUSHED FINISH AS DIRECTED.
- SPACING OF EXPANSION JOINT IN CHANNELS, BERM SLABS AND APRONS TO BE 10 METRES MAXIMUM, SEE STD. DRG. NO. C2413 FOR DETAILS.
- 5. JOINTS FOR CHANNELS, BERM SLABS, APRONS AND WALLS, ETC. TO BE ON THE SAME ALIGNMENT.
- 6. FOR DIMENSIONS T, H, & B, SEE TABLE BELOW.
- 7. FOR TYPICAL FIXING PIN DETAILS, SEE STD. DRG. NO. C2511/2.
- 8. MINIMUM SIZE OF 25 x 50 x 300mm SHALL BE PROVIDED FOR WOODEN PEG.
- MINIMUM SIZE OF 10mm DIAMETER WITH 200mm LONG SHALL BE PROVIDED FOR BAMBOO STICK.
- 10. THE FIXING DETAILS OF NON-BIODEGRADABLE AND BIODEGRADABLE EROSION CONTROL MATS ON EXISTING BERM SHALL REFER TO STD. DRG. NO. C2511/1.

NOMINAL SIZE H	Ţ	В	REINFORCEMENT
300	80	100	A252 MESH PLACED
375 - 600	100	150	CENTRALLY AND T=100 WHEN E>650
675 - 900	125	175	A252 MESH PLACED CENTRALLY

DETAILS	OF	HALF-	ROUN	D AND	
U-CHAN	NELS	(TYP	ЕВ.	- WITH	
EROSION	CON	JTROI	MAT	APRON	J)

6
CEDD
CEDD
nac

Н

G

F

E

D

C

В

A

REF.

BAMBOO STICK OR WOODEN PEG

50 DIA. PVC PIPES AT 1 500 c/c WITH FALL OF 1 ON 3

WHERE D>600

CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

SCALE DIAGRAMMATIC
DATE JAN 1991

MINOR AMENDMENT.

MINOR AMENDMENT

GENERAL REVISION.

MINOR AMENDMENT.

MINOR AMENDMENT.

MINOR AMENDMENT

FIXING DETAILS OF BIODEGRADABLE

150 x 100 UPSTAND ADDED AT BERM

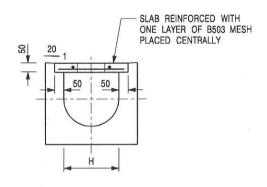
REVISION

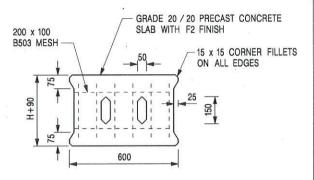
EROSION CONTROL MAT ADDED.

DIMENSION TABLE AMENDED

C2410

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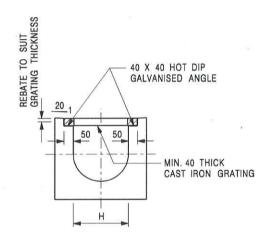


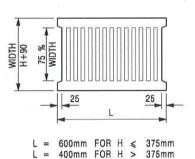
PLAN OF SLAB

TYPICAL SECTION

U-CHANNELS WITH PRECAST CONCRETE SLABS

(UP TO H OF 525)





TYPICAL SECTION

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:

- 1. ALL DIMENSIONS ARE IN MILLIMETRES.
- 2. H=NOMINAL CHANNEL SIZE.
- ALL CAST IRON FOR GRATINGS SHALL BE GRADE EN-GJL-150 COMPLYING WITH BS EN 1561.
- 4. 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.

REF.	REVISION	SIGNATURE	DATE
Α	CAST IRON GRATING AMENDED.	Original Signed	
В	NAME OF DEPARTMENT AMENDED.	Original Signed	01.2005
С	MINOR AMENDMENT. NOTE 3 ADDED.	Original Signed	12.2005
D	NOTE 4 ADDED.	Original Signed	06.2008
E	NOTES 3 & 4 AMENDED.	Original Signed	

COVER SLAB AND CAST IRON GRATING FOR CHANNELS



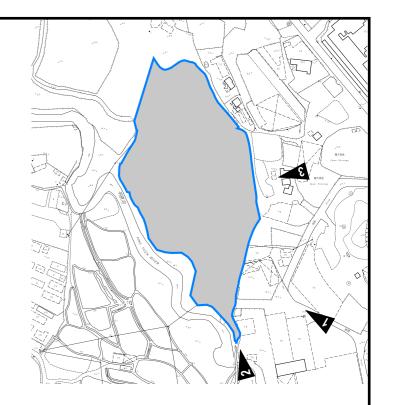
CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

 SCALE
 1:20
 DRAWING NO.

 DATE
 JAN 1991
 C2412E

卓越工程 建設香港









PROJECT:
PROPOSED TEMPORARY MEDIUM GOODS VEHICLES AND CONTAINER TRACTOR/TRAILER PARK WITH
ANCILLARY FACILITIES AND ASSOCIATED FILLING OF LAND FOR A PERIOD OF 3 YEARS

LOCATION:
VARIOUS LOTS IN D.D. 84 AND ADJOINING GOVERNMENT LAND, TA KWU LING, NEW TERRITORIES

SITE PHOTOS	APF	PENDIX D	
	VER	DESCRIPTION	DATE

DEVELOPMENT PARAMETERS

: 16,115 m² : 555 m² APPLICATION SITE AREA (ABOUT) COVERED AREA (ABOUT) UNCOVERED AREA : 15,560 m² (ABOUT) PLOT RATIO : 0.03 (ABOUT) SITE COVERAGE (ABOUT)

NO. OF STRUCTURE DOMESTIC GFA

: NOT APPLICABLE NON-DOMESTIC GFA TOTAL GFA : 555 m² : 555 m² (ABOUT) (ABOUT)

BUILDING HEIGHT NO. OF STOREY : 2.8 m - 4 m : 1 (ABOUT)

FIRE SERVICE INSTALLATIONS

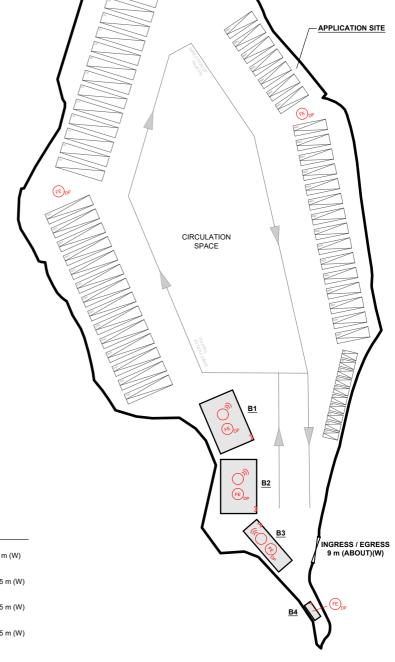
STAND-ALONE FIRE DETECTOR

FEDP

4 KG DRY POWDER TYPE FIRE EXTINGUISHER

FS NOTES:

- 1) SUFFICIENT STAND-ALONE FIRE DETECTOR SHALL BE PROVIDED THROUGHOUT THE ENTIRE BUILDING IN ACCORDANCE WITH "STAND-ALONE FIRE DETECTOR GENERAL GUIDELINES ON PURCHASE, INSTALLATION & MAINTENANCE [SEP 2021]".
- IN RELATION TO 1) ABOVE, WHERE TWO OR MORE STAND-ALONE FIRE DETECTORS ARE INSTALLED IN AN ENCLOSED STRUCTURE, ALL STAND-ALONE DETECTORS SHALL BE INTERCONNECTED (EITHER WIRED OR WIRELESSLY) SUCH THAT WHEN ONE OF THE STAND-ALONE FIRE DETECTOR IS TRIGGERED, ALL CONNECTED STAND ALONE FIRE DETECTORS SHALL CONNECTED STAND-ALONE FIRE DETECTORS SHALL SOUND AN ALARM SIMULTANEOUSLY.
- PORTABLE HAND-OPERATED APPROVED APPLIANCE SHALL BE PROVIDED AS REQUIRED BY OCCUPANCY.
- ACCESS IS PROVIDED FOR EMERGENCY VEHICLE TO REACH 30m OF ALL PART OF STRUCTURES.



PARKING PROVISIONS

NO. OF PRIVATE CAR PARKING SPACE DIMENSION OF PARKING SPACE : 5 m (L) X 2.5 m (W)

NO. OF MEDIUM GOODS VEHICLE (MGV) PARKING SPACE DIMENSION OF PARKING SPACE

: 22 : 11 m (L) X 2.5 m (W)

NO. OF CONTAINER VEHICLE / TRACTOR (CV/T) PARKING SPACE DIMENSION OF PARKING SPACE

: 14 : 16 m (L) X 2.5 m (W)

NO. OF CONTAINER TRAILER (CT) PARKING SPACE DIMENSION OF PARKING SPACE

: 15 : 16 m (L) X 2.5 m (W)

	STRUCTURE	USE	COVERED AREA	GROSS FLOOR AREA	BUILDING HEIGHT
	B1	SITE OFFICE AND WASHROOM	216 m ² (ABOUT)	216 m ² (ABOUT)	4 m (ABOUT)(1-STOREY)
	B2	STAFF REST ROOM, WASHROOM AND GUARDROOM	216 m ² (ABOUT)	216 m ² (ABOUT)	4 m (ABOUT)(1-STOREY)
	B3	SITE OFFICE AND WASHROOM	108 m ² (ABOUT)	108 m ² (ABOUT)	4 m (ABOUT)(1-STOREY)
	B4	METER ROOM	15 m ² (ABOUT)	15 m ² (ABOUT)	2.8 m (ABOUT)(1-STOREY)
_		TOTAL	555 m ² (ABOUT)	555 m ² (ABOUT)	

*SITE BOUNDARY FOR IDENTIFICATION PURPOSE ONLY.



PROPOSED TEMPORARY MEDIUM GOODS VEHICLES AND CONTAINER TRACTOR/TRAILER PARK WITH ANCILLARY FACILITIES AND ASSOCIATED FILLING OF LAND FOR A PERIOD OF 3 YEARS

	ADDRESS
	VARIOUS LOTS IN D.D. 84 AND ADJOINING GOVERNMENT LAND, TA KWU LING, NEW
	GOVERNMENT LAND, TA KWU LING, NEW
	TERRITORIES
-	ı

CALE		TITLE	
1 : 1250 @ A4		FSIs PROPOSAL	
MN	20.8.2025		
REVISED BY	DATE	DWG NO. APP II	VER. 001

LEGEND



APPLICATION SITE STRUCTURE PARKING SPACE (PC) PARKING SPACE (MGV) PARKING SPACE (CV/T) PARKING SPACE (CT) INGRESS / EGRESS