

Response to DSD comments dated 5 July 2024

- a. The gradients of the proposed u-channels have been shown on the revised drainage plan.
- b. No site formation/ land filling works will be carried out under this application.
- c. Existing catchpit is shown in the photos. Relevant wording is amended on the revised drainage plan.
- d. The invert level of the proposed start of u-channel is added. (i.e. I.L.+6.075).
- e. Flow direction is indicated on the drainage plan.
- f. Details of existing catchpit and connection details have been shown on the revised drainage plan.
- g. The full alignment of the discharge path from the application site all the way down to the ultimate discharge point (i.e. existing gully) have been indicated on the revised drainage plan. Photos showing the interior of existing catchpit together with existing underground pipe are attached for your reference.
- h. Noted.
- i. Existing fence wall along the site boundary will be kept and adequate opening will be provided to intercept the existing overland flow passing through the site. 100mm opening @1000 c/c (min.) along the fence wall is proposed in the revised drainage plan and cross-section A-A.
- j. Cross sections A-A is added.
- k. Noted.
- l. Noted.

Reply to DSD's comments on submitted Drainage Proposal Report
Lot 970 RP in DD 107 (A_YL-KTN_985)

Photo 1 showing the interior of existing catchpit



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Lot 970 RP in DD 107 (A_YL-KTN_985)

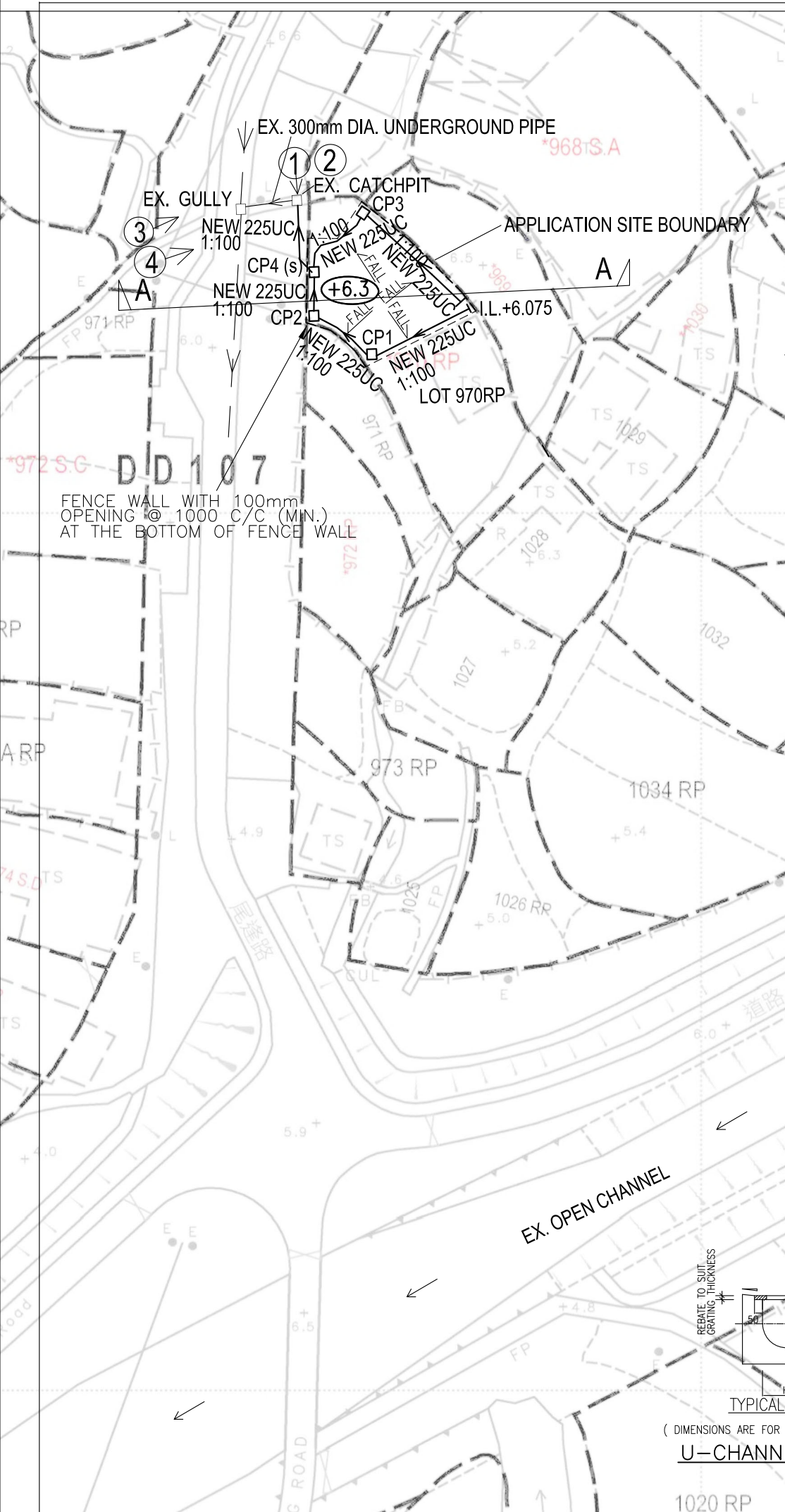
Photo 2 showing the interior of existing catchpit



Reply to DSD's comments on submitted Drainage Proposal Report
Lot 970 RP in DD 107 (A_YL-KTN_985)

Photo 3 showing the interior of existing catchpit

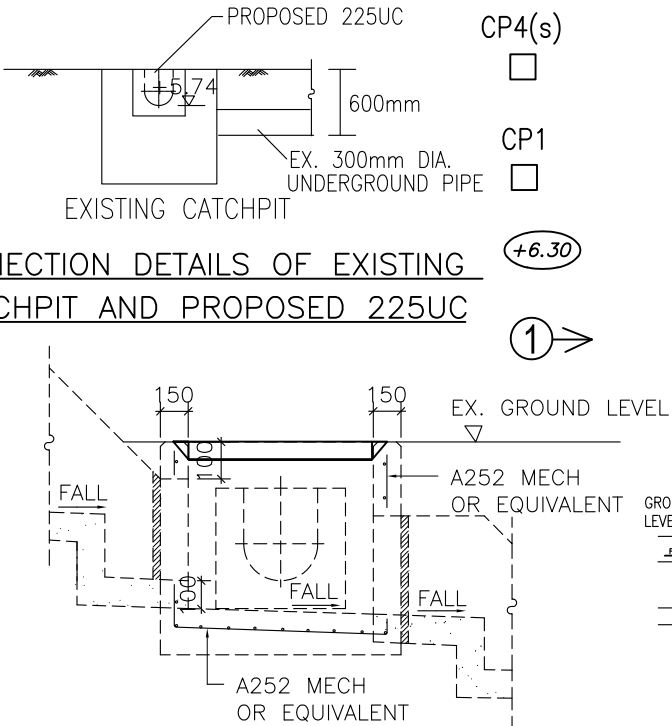




LEGEND:

- APPLICATION SITE BOUNDARY
- PROPOSED 225mm U-CHANNEL WITH GRATING AT FALL 1: 100 (MIN)
- PROPOSED COVERED DESILTED CATCHPIT NO. CP4
- PROPOSED COVERED CATCHPIT NO. CP1
- PROPOSED SITE FORMATION LEVEL
- PHOTO TAKING DIRECTION

CONNECTION DETAILS OF EXISTING CATCHPIT AND PROPOSED 225UC



SECTION D-D

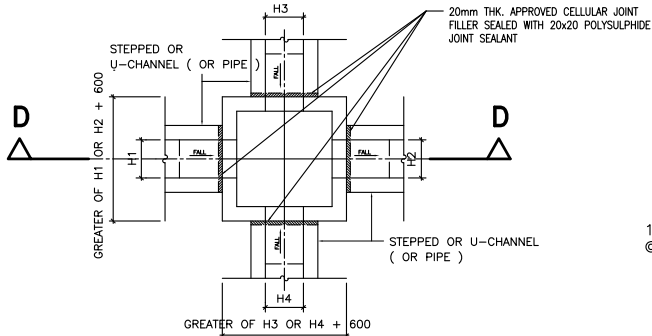
N.T.S.

PROPOSED CATCHPIT SCHEDULE

CATCHPIT NO.	C.L. (mPD)	I.L. (mPD)
CP1	6.30	5.94
CP2	6.30	5.84
CP3	6.30	5.89
CP4(s)	6.30	5.78

SECTION D - D WITH DESILTED TRAP

COMPLY WITH CEDD'S DRAWING NO. DS C2405 AND C2406I

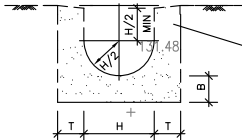


PLAN

TYPICAL DETAILS OF CATCHPIT

CATCHPITS

- ALL DIMENSIONS ARE IN MILLIMETRES
- CONCRETE SURFACE FINISH SHALL BE CLASS U2 OR F3 AS APPROPRIATE



U-CHANNEL

COMPLY WITH FIG 8.11 OF GEOTECHNICAL MANUAL FOR SLOPES

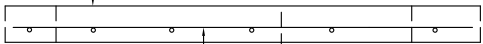
NOTES:

- H = NOMINAL CHANNEL SIZE.

PLAN

N.T.S.

GRADE 250 CONCRETE WITH ONE LAYER OF A 252 MESH REINFORCEMENT PLACED CENTRALLY F2 AND U2 FINISH



N.T.S.

GENERAL NOTE

- THE PROPOSED DRAINAGE WORK, WHETHER WITHIN OR OUTSIDE THE LOT BOUNDARY, SHOULD BE CONSTRUCTED AND MAINTAINED BY THE LOT OWNER AT HIS OWN EXPENSE. FOR WORKS TO BE UNDERTAKEN OUTSIDE THE LOT BOUNDARY, PRIOR CONSENT AND AGREEMENT FROM DLO AND/OR RELEVANT PRIVATE LOT OWNER SHOULD BE SOUGHT.

CONCRETE STRENGTH AND STEEL REINFORCEMENT SPECIFICATION FOR DRAINAGE DETAILS

- CONCRETE GRADE FOR CATCHPITS AND U-CHANNEL SHALL BE 30D DESIGN IN COMPLIANCE WITH CS1 : 2010 FOR BLINDING LAYER SHALL BE 15D, DESIGN COMPLY WITH CS1-2010.
- ALL MAIN BARS TO BE HOT ROLLED HIGH YIELD STEEL DEFORMED BAR COMPLM WITH CS2 : 2012
Y - HIGH YIELD BAR 500 MPa
M - MILD STEEL BAR 250 MPa
- CONCRETE COVER TO MAIN REINFORCEMENT TO BE 50mm.
- LAP LENGTH FOR ALL BARS TO BE 46x DIAMETER OF LARGER BAR TO BE LAPPED.
- REACTIVE ALKALI CONTENT EXPRESSED IN SODIUM OXIDE PER CUBIC METER OF CONCRETE SHOULD NOT EXCEED 3KG AS PER PNAP APP-74.

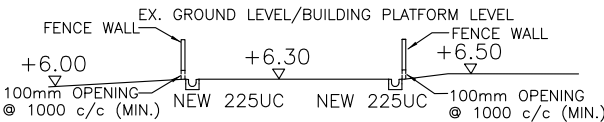
HALF ROUND, U, AND STEPPED - CHANNELS

- ALL DIMENSIONS ARE IN MILLIMETERS
- CONCRETE SURFACE FINISHING SHALL BE CLASS U2 OR F2 AS APPROPRIATE
- FOR HALF ROUND AND U - CHANNEL, SPACING OF EXPANSION JOINT IN CHANNELS, BERMS AND APRON TO BE 10m MAXIMUN. FOR STEPPED CHANNELS, EXPANSION JOINTS TO BE PROVIDED AT A MAXIMUN SPACING OF 10m.
- DIMENSIONS FOR HALF ROUND AND U-CHANNELS SEE TABLE 1.
- THE COVER FOR U-CHANNELS AND CATCHPIT SHALL COMPLY WITH CEDD'S STANDARD DRAWINGS NO. C2405 TO C2407 AND C2412.
- ALL PROPOSED U-CHANNELS SHALL BE COVERED WITH GRATING

TABLE 1 : DIMENSION OF U-CHANNEL AND HALF-ROUND CHANNEL

NORMAL SIZE H	T	B	REINFORCING
<300	100	100	NIL
375 - 675	150	150	NIL
750 - 900	175	175	A252 MESH PLACED CENTRALLY

LOT 970RP



SECTION A-A

B	DSD's COMMENT	RC	AY	RY	AUG 24
A	DSD's COMMENT	RC	AY	RY	JULY 24
	PLANNING DEPARTMENT SUBMISSION	RC	AY	RY	JUNE 24
REV	DESCRIPTION	CHECKED	APPROVED	DWN	DATE
PROJECT TITLE:					
STORMWATER DRAINAGE PROPOSAL					
Lot 970 RP IN D.D. 107					
DRAWING TITLE:					
DRAINAGE PROPOSAL PLAN AND TYPICAL DETAILS					
SCALE : N.T.S.		CAD FILE: CAD_REF			
DRAWN	RY	DRAWING NO. SDP001B			
S.D	RY				
DESIGNED	RC				
CHECKED	AY				
		B.D. REF. NO.:			

主旨:

申請編號 A/YL-KTN/985

申請編號 A/YL-KTN/985

致:

規劃處 吳小姐

本車場申請面積217平方米，在黑色粗線範圍內，共有5個泊車位。

至於行車通道，箭咀範圍就是行車通道。

至於停車場防火設施，會設有一支水劑滅火筒，擺放在停車場下方中間位置紅點就是。

車場有一個出入門口，門口闊3.048米。

車場的車輛可經場外一條尾逢路，前往新界各區。

A 講述申請範圍內各位置的用途。

B 申請公眾停車場位置圖。

C 彩色大範圍地圖公眾停車場位置。

補充資料

2024-8-12

C



地段索引圖 LOT INDEX PLAN

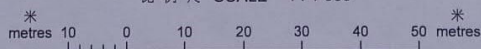
B



申請地點

地政總署測繪處 Survey and Mapping Office, Lands Department

比例尺 SCALE 1:1 000



Locality : _____

Lot Index Plan No. : LIP_ORDER_NUM

District Survey Office : Lands Information Center

Date : 07-Feb-2024

Reference No. : 6-NE-1D,6-NE-2C

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Explanatory notes : This plan shows the graphical boundaries of different kinds of permanent and temporary land holdings with the topographic map in the backdrop. The land holdings as shown may include private lots, government land allocations, short term tenancies and other permitted uses of land. It must be noted that: (1) the information shown on this plan is subject to update without prior notification; (2) there may be time lag between an update and the related changes taken place; and (3) the graphical boundaries as shown are for identification purpose only and interpretation of their accuracy and reliability requires the advice from professional land surveyor.

