

寄件者: [REDACTED]
寄件日期: 2025年10月29日星期三 18:34
收件者: tpbpd/PLAND
副本: Momo Hei Ching CHOW/PLAND
主旨: Re: 回覆: 提交新第16條規劃申請編號A/YL-TT/722的軟複本
附件: 渠務報告722.pdf

類別: Internet Email



致：規劃處

檔案號碼：A/YL-TT/722

本人希望回收27/10/2025 晚上傳送給貴處的電郵，並以今天這封電郵取代。

就貴處較早之前的查詢，現回覆如下：

（1）分開申請原因

由於是次申請地段涉及不同業權，分開申請可避免將來如有部份業權人士放棄經營而影響此牌照的適用範圍。

（2）有關上次申請臨時停車場已獲批准（TPB/A/YL-TT/624）但最後沒有做渠務報告的原因

由於有部份業權人士在申請後退出，不願意再經營臨時停車場。以致在原有的申請中，某些地段已不再屬於將會經營的停車場範圍，若當時按照原有的申請範圍做渠務報告，會出現不準確性。所以決定重新申請後並獲得批准，再為正確的地段和範圍做渠務報告。

有關以上申請的渠務報告亦已完成，現附上報告的檔案於此電郵給貴處審閱。

Best Regards,
Mr Cheung Chi Yan
Tel: [REDACTED]

毅達工程顧問有限公司
A-Tech Engineering Consultants Ltd.

FLAT C, 2/F, FUNG YUE BUILDING, KAU YUK Road, Yuen Long N.T.

EMAIL: a123tony@netvigator.com FAX: 2478-5787

Date: 27 October 2025

Planning Application No. A/YL/TT/722

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

Dear Sir/Madam,

Submission of Drainage Proposal

for Proposed Temporary Public Vehicle Park (Private Cars Only) at Lots 13 S.B.
and 13 S.E. in D.D. 117, Shui Tsiu San Tsuen, Yuen Long, New Territories

I refer to the captioned cases, I would like to submit the enclosed Drainage Proposal for your comment and approval

I am looking forward to your reply. Should you have any queries, please contact our Mr. Wu at phone no. [REDACTED]

Thank you for your kind attention.

Yours faithfully,

For and on behalf of

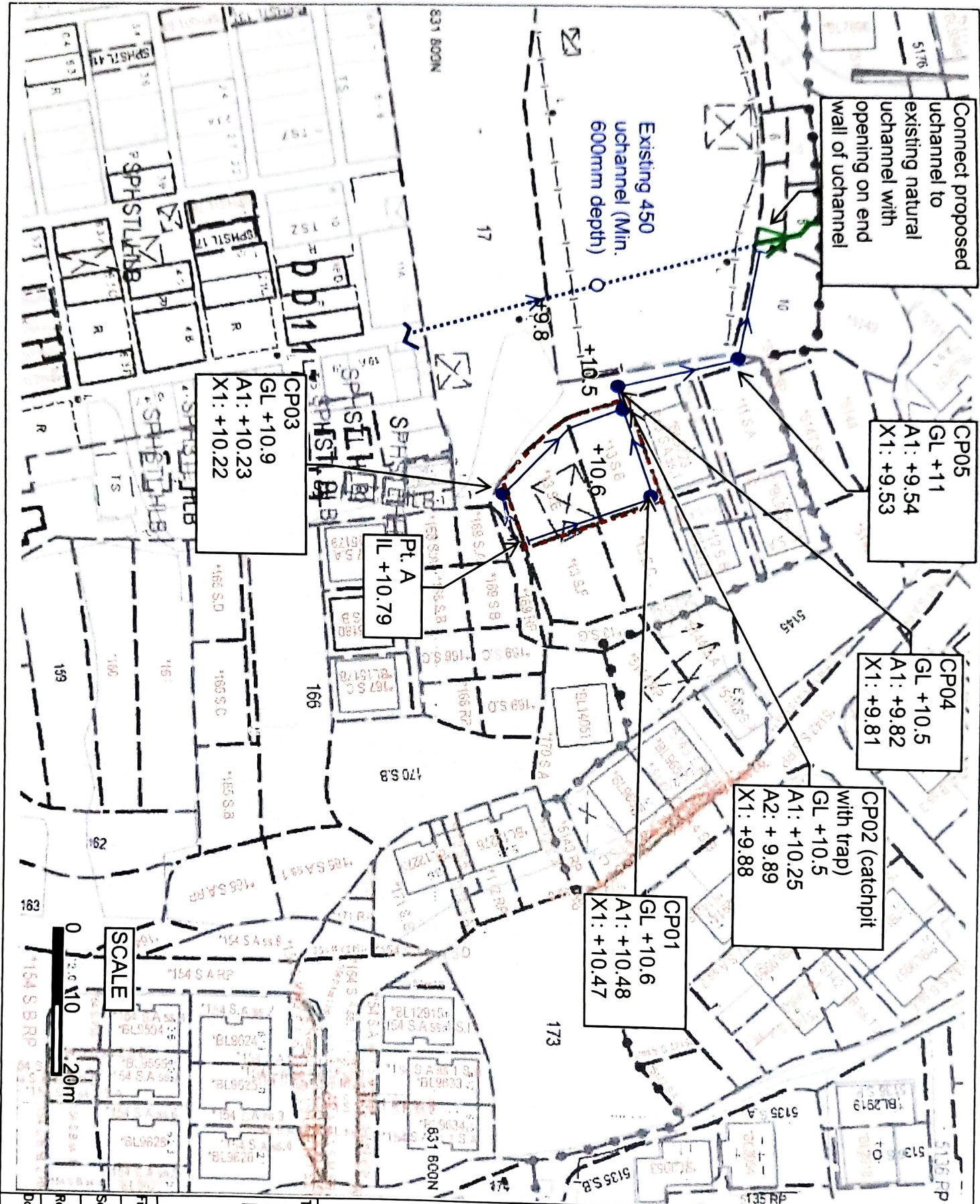
A-Tech Engineering Consultants Ltd.

For and on behalf of
A-TECH ENGINEERING CONSULTANTS LIMITED
毅達工程顧問有限公司

.....
Authorized Signature(s)

Mr. Wu Wai Ching

Project Manager



LEGEND  Application Site  Proposed Catchpit with steel grating cover  Existing Catchpit  Proposed 225 uchannel with grating cover  Existing uchannel  Existing natural stream		PROJECT: 銳達工程顧問有限公司 A-Tech ENGINEERING CONSULTANTS LTD.	
TITLE: Proposed Drainage Layout		Application of Temporary Public Vehicle Park (Private Cars Only) at Lots 13 S.B. and 13 S.E. in D.D. 117, Shui Tsui San Tsuen, Yuen Long, New Territories	
FILE:	DWG NO.		
Scale: N.T.S.	A-01		
Rev.			
Date:			

[illegible]

..... Existing uchannel

PROJECT:

Application of Temporary Public Vehicle Park (Private Cars Only) at Lots 13 S.B. and 13 S.E. in D.D. 117, Shui Tsui San Tsuen, Yuen Long, New Territories

TITLE:

Proposed Drainage Layout

File: DWG NO.

Scale: N.T.S.

Rev.

Date:

A-01

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SNO-P01 20250416105535 10

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.

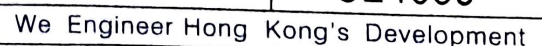
Disclaimer: The Government shall not be responsible for any loss or damage howsoever arising from the use of this plan or in reliance upon its correctness, completeness, timeliness or accuracy.

U-channel design

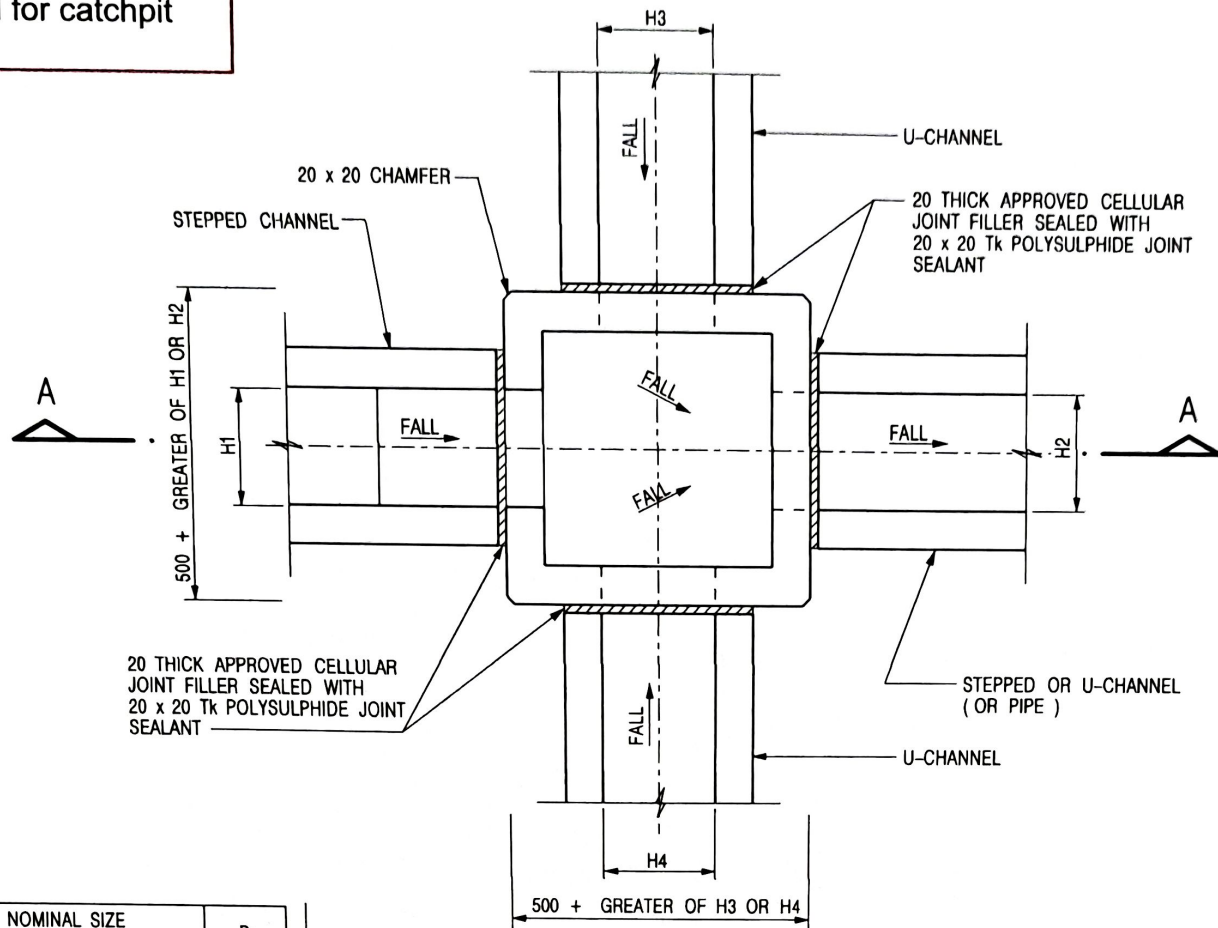
- Design return period = 1 in 50 year
a = 505.5
b = 3.3
c = 0.4
1.0
- Runoff coefficient, C, for paved area = 5.0
- Time of concentration, t_d = 305.6
- Rainfall intensity, I = 0.016
- Manning's n - n

mm/hr
DSD SCM Table 13 Concrete lined channel in fair condition
(with 12.1% design allowance and 16% End 21st century climate change allowance)

Manning's Equation	PI, A to CP01	CP01 to CP02	CP03 to CP02	CP02 to CP04	CP04 to CP05	CP04 to Outlet
Channel Diameter - D (m)	Proposed 225 U-Channel 0.225	Proposed 225 U-Channel 0.225	Proposed 225 U-Channel 0.225	Proposed 225 U-Channel 0.225	Proposed 225 U-Channel 0.225	Proposed 225 U-Channel 0.225
Water Depth - y (m)	0.1125	0.58	0.58	0.58	0.58	0.58
Wetted Perimeter - P (m)	0.35	0.05	0.05	0.05	0.05	0.05
Cross Section Area of Flow Profile - A (m ²)	0.02	0.08	0.08	0.08	0.08	0.08
Hydraulic Radius - R (m)	0.08	0.016	0.016	0.016	0.016	0.016
Manning's n - n	0.018	0.016	0.016	0.016	0.016	0.016
Length of Channel Measured - L (m)	18.40	13.50	13.70	13.50	13.40	13.80
Upstream Ground level (mPD)	10.80	10.80	10.80	10.80	10.80	11.00
Downstream Ground level (mPD)	10.80	10.50	10.50	10.50	11.00	11.00
Upstream Invert Level (mPD)	10.79	10.47	10.22	9.86	9.81	9.53
Downstream Invert Level (mPD)	10.48	10.25	9.89	9.82	9.54	9.29
Channel Gradient - S (1 in X)	80	80	80	80	80	80
Channel Flow Capacity - Q (m ³ /s)	0.024	0.067	0.067	0.067	0.067	0.067
Velocity of Flow - v (m/s)	1.185	1.475	1.475	1.475	1.475	1.475
Design catchment (m ²)	131	260	395	395	395	395
Design flow to the channel (m ³ /s)	0.011	0.022	0.051	0.051	0.051	0.051
Capacity Check	OK	OK	OK	OK	OK	OK
Flow velocity > 0.75 m/s	OK	OK	OK	OK	OK	OK
Channel Utilization (%)	47.28	33.15	75.86	75.86	75.86	75.86



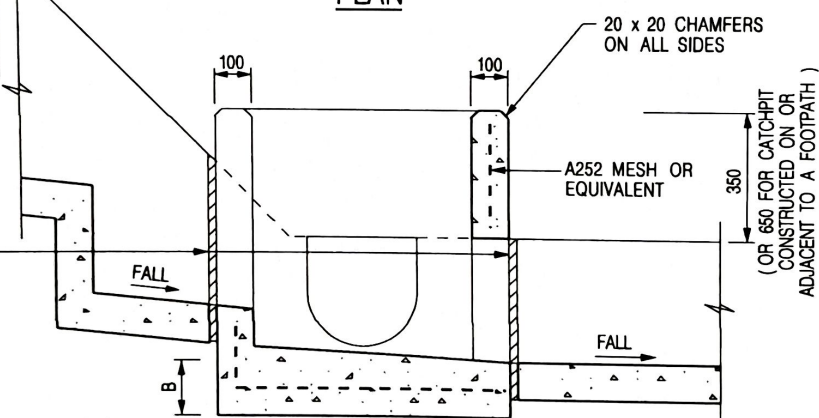
Typical details to be adopted for catchpit



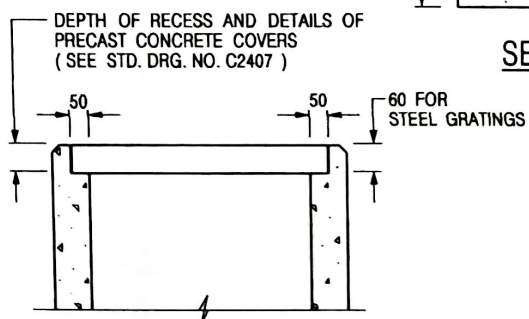
PLAN

NOMINAL SIZE (LARGEST OF H1, H2, H3 & H4)	B
300 - 600	150
675 - 900	175

20 THICK APPROVED CELLULAR JOINT FILLER SEALED WITH 20 x 20 Tk POLYSULPHIDE JOINT SEALANT



SECTION A - A



ALTERNATIVE TOP SECTION FOR PRECAST CONCRETE COVERS / GRATINGS

NOTES:

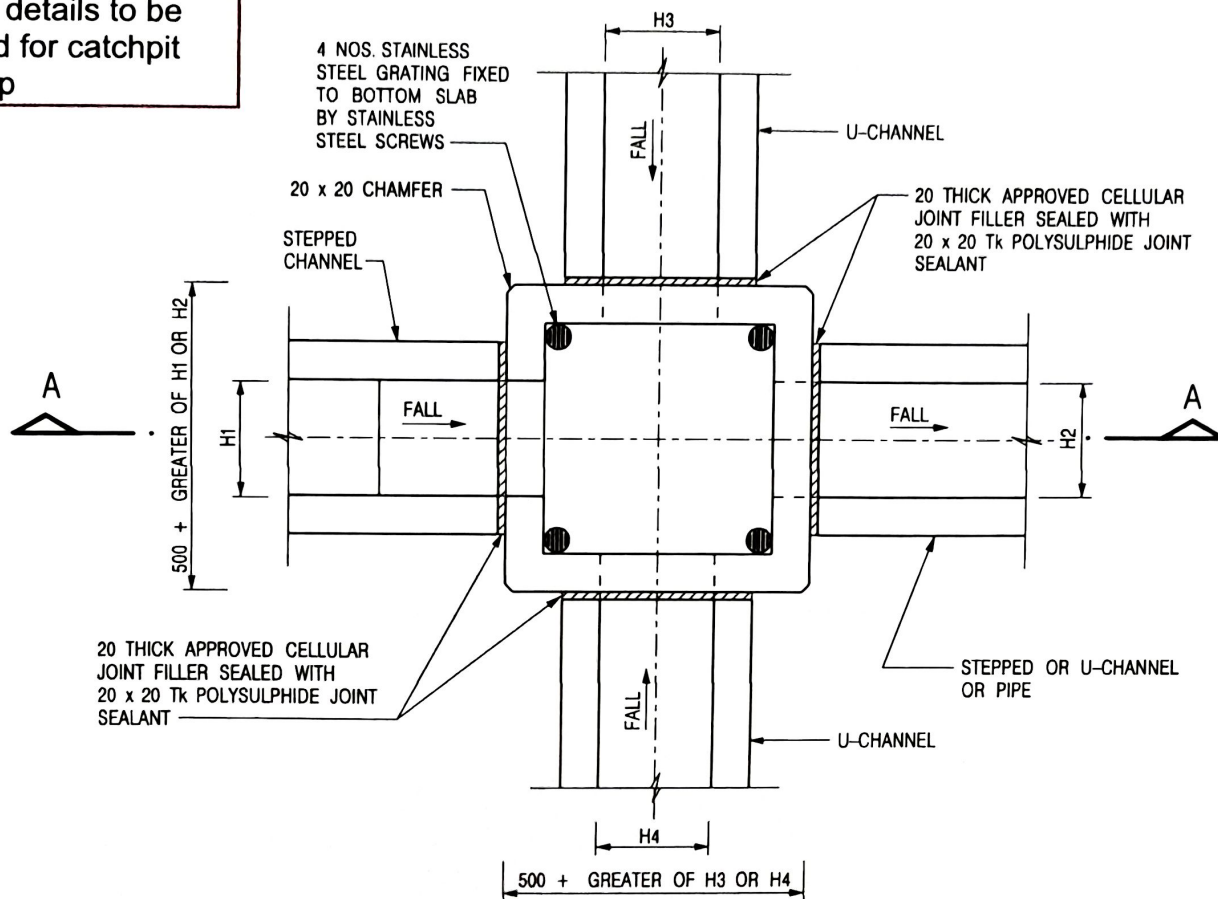
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. REFER TO SHEET 5 FOR OTHER NOTES.

STANDARD CATCHPIT DETAILS
(SHEET 1 OF 5)

卓越工程 建設香港

-	FORMER DRG. NO. C2405J.	Original Signed	03.2015
REF.	REVISION	SIGNATURE	DATE
 CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT			
SCALE 1 : 20		DRAWING NO. C2405 /1	
DATE JAN 1991			
We Engineer Hong Kong's Development			

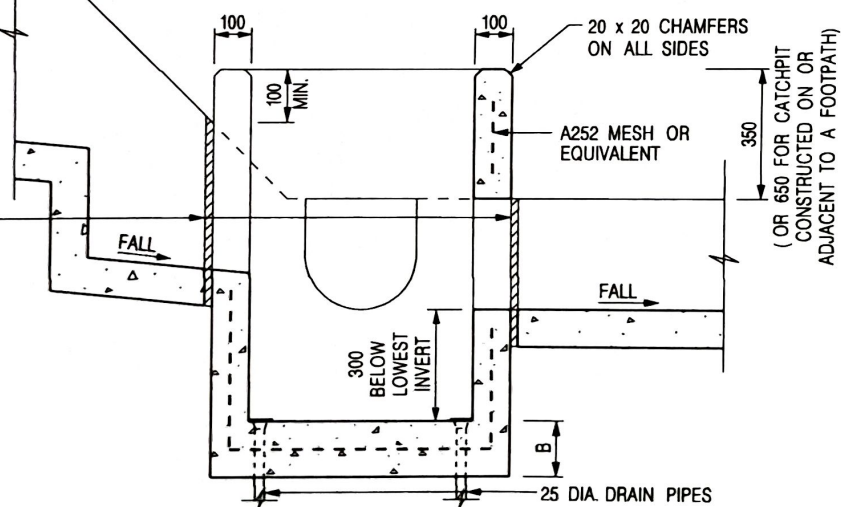
Typical details to be adopted for catchpit with trap



PLAN

NOMINAL SIZE (LARGEST OF H1, H2, H3 & H4)	B
300 - 600	150
675 - 900	175

20 THICK APPROVED CELLULAR JOINT FILLER SEALED WITH 20 x 20 Tk POLYSULPHIDE JOINT SEALANT



SECTION A - A

NOTES:

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

CATCHPIT WITH TRAP
(SHEET 1 OF 2)

-	FORMER DRG. NO. C2406J.	Original Signed	03.2015
REF.	REVISION	SIGNATURE	DATE



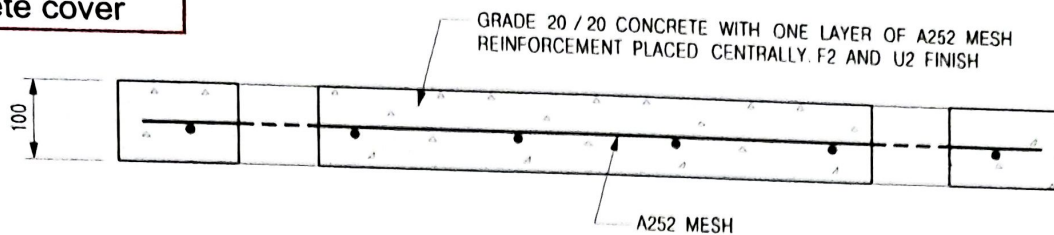
CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT

SCALE 1 : 20

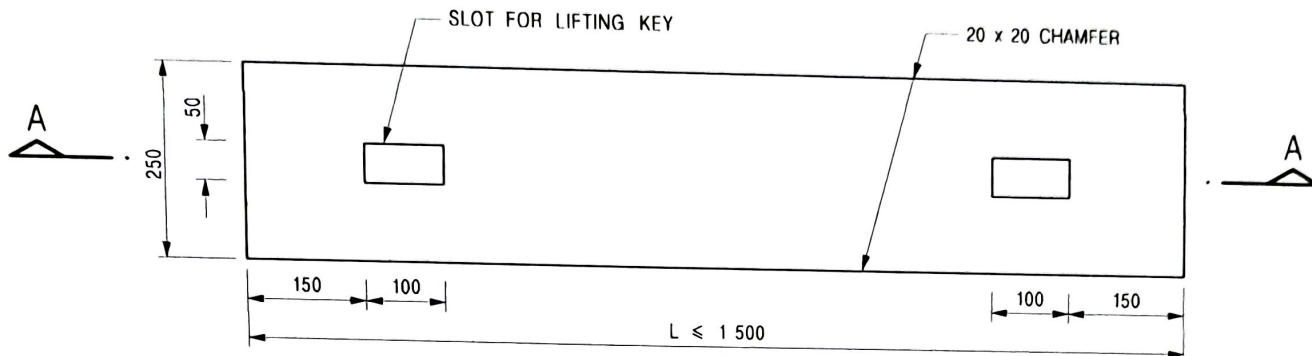
DATE JAN 1991

DRAWING NO.
C2406 /1

Typical details to be adopted for catchpit With concrete cover

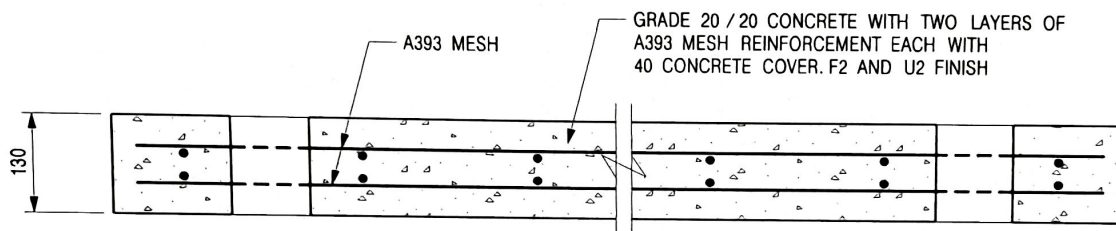


SECTION A - A

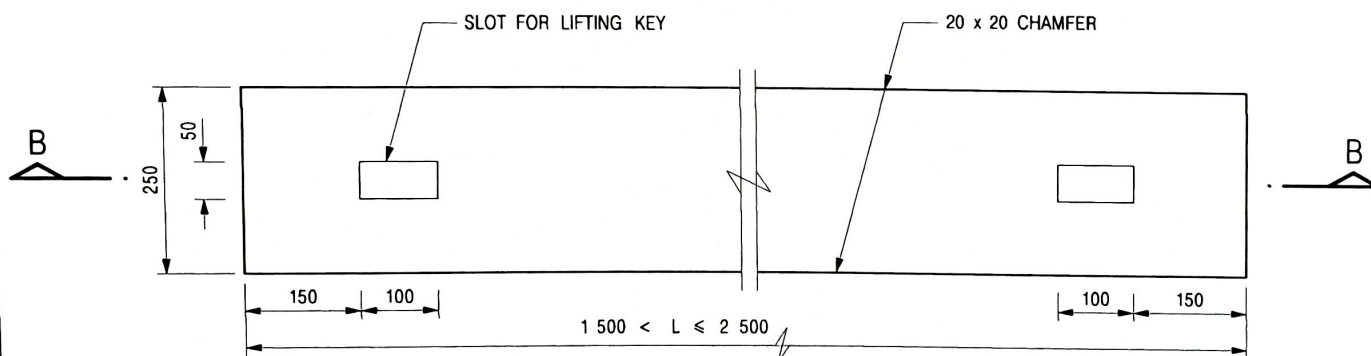


PLAN

TYPE 1 - FOR SPAN UP TO 1.5 m



SECTION B - B



PLAN

TYPE 2 - FOR SPANS 1.5 m TO 2.5 m

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL EXTERNAL EDGES OF THE COVERS SHALL BE 20mm CHAMFERED.

B	NAME OF DEPARTMENT AMENDED.	Original Signed	01.2005
A	GENERAL REVISION	Original Signed	12.2002
REF.	REVISION	SIGNATURE	DATE

PRECAST CONCRETE COVERS
FOR CATCHPIT AND SAND TRAP

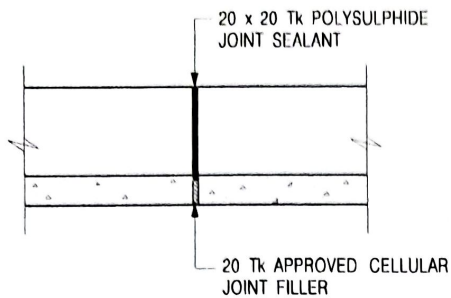


CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT

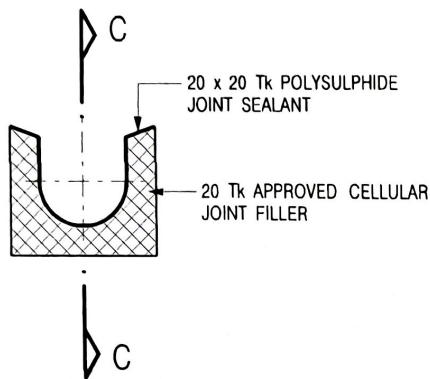
SCALE 1 : 10

DATE JAN 1991

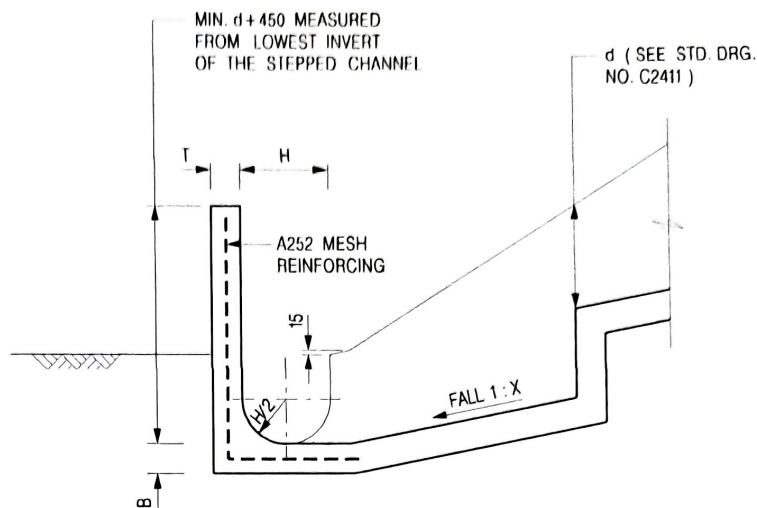
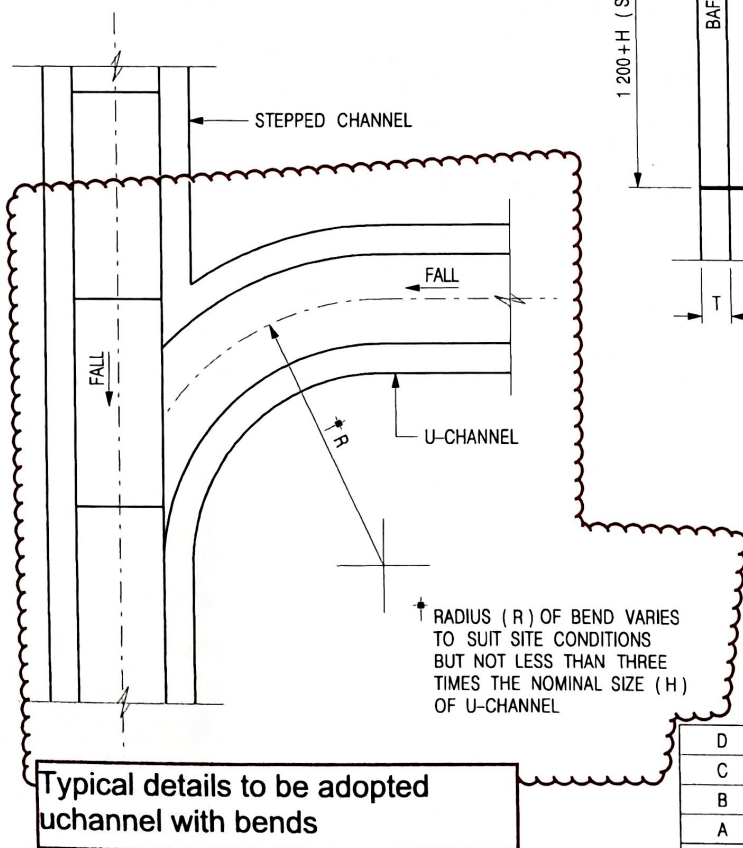
DRAWING NO.
C2407B



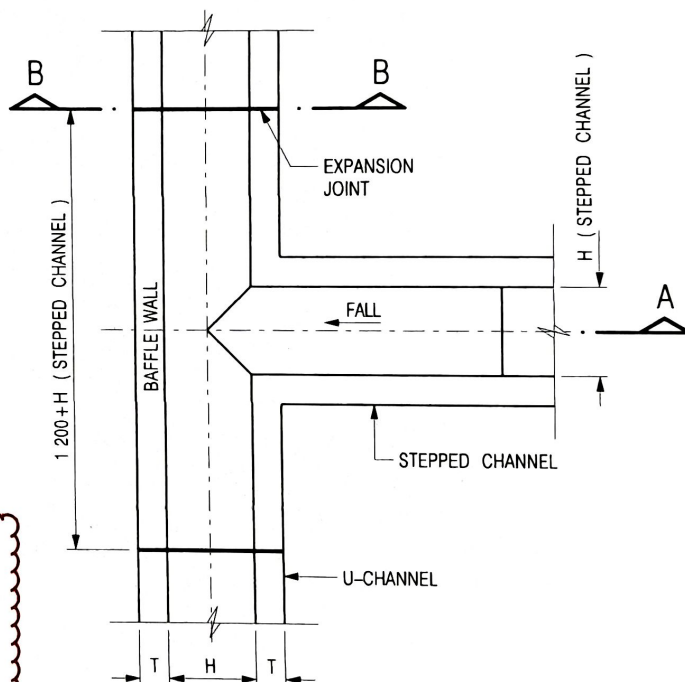
SECTION C - C



SECTION B - B
(DETAILS OF EXPANSION JOINT)



SECTION A - A



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. EXPANSION JOINTS SHALL BE PROVIDED AT A MAXIMUM INTERVAL OF 10 METRES.
3. CONCRETE SURFACE SHALL BE CLASS U2 OR F2 AS APPROPRIATE.
4. FOR DIMENSIONS B, T, H AND d, REFER TO RELEVANT CHANNEL DETAIL DRAWINGS.
5. $20 \leq X \leq 50$ UNLESS OTHERWISE SPECIFIED.
6. CONCRETE TO BE COLOURED AS SPECIFIED.

D	NAME OF DEPARTMENT AMENDED.	Original Signed	01.2005
C	MINOR AMENDMENT.	Original Signed	08.2001
B	MINOR AMENDMENT.	Original Signed	3.94
A	MINOR AMENDMENT.	Original Signed	11.92
REF.	REVISION	SIGNATURE	DATE

JUNCTION OF STEPPED
AND U-CHANNELS



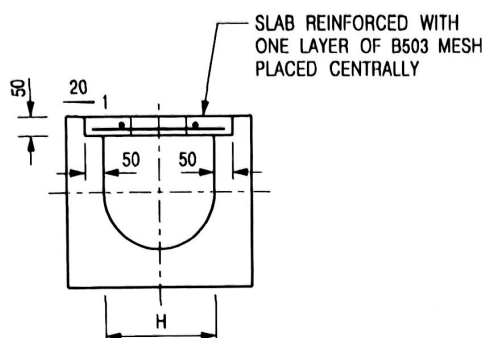
CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT

SCALE 1 : 25

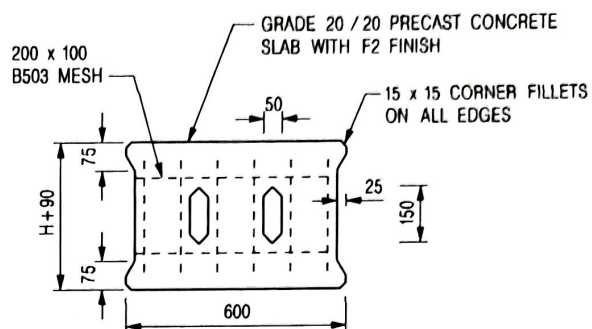
DATE JAN 1991

DRAWING NO.
C2413D

Typical details to be adopted for channel cover



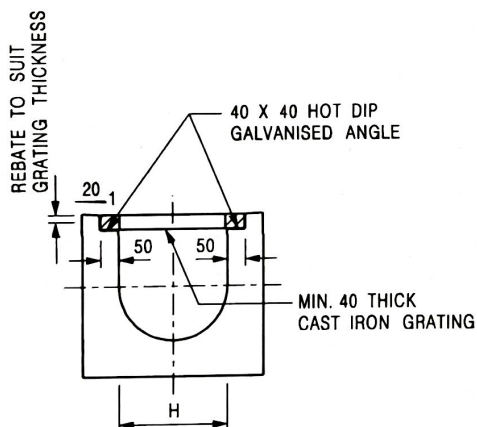
TYPICAL SECTION



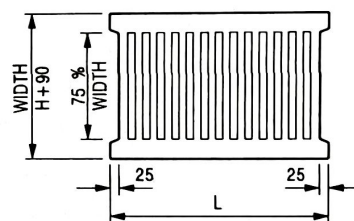
PLAN OF SLAB

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:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. H=NOMINAL CHANNEL SIZE.
3. 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.

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

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Appendix Site Photo

LEGEND

- Proposed Catchpit with steel grating cover
- Existing Catchpit
- Proposed 225 uchannel with grating cover
- Existing uchannel

銳達工程顧問有限公司
A-Tech ENGINEERING
CONSULTANTS LTD.

PROJECT:

Application of Temporary Public Vehicle Park (Private Cars Only) at Lots 13 S.B. and 13 S.E. in D.D. 117, Shui Tsu San Tsuen, Yuen Long, New Territories

TITLE:

Proposed
Drainage Layout

File: DWG NO.

Scale: N.T.S.

A-01

Rev.

Date:

View 1



View 2



View 4



View 3



Existing 450 uchannel (Min. 600mm depth)

View 2

View 4

View 1

View 3

SCALE
0 2.5 10 20m