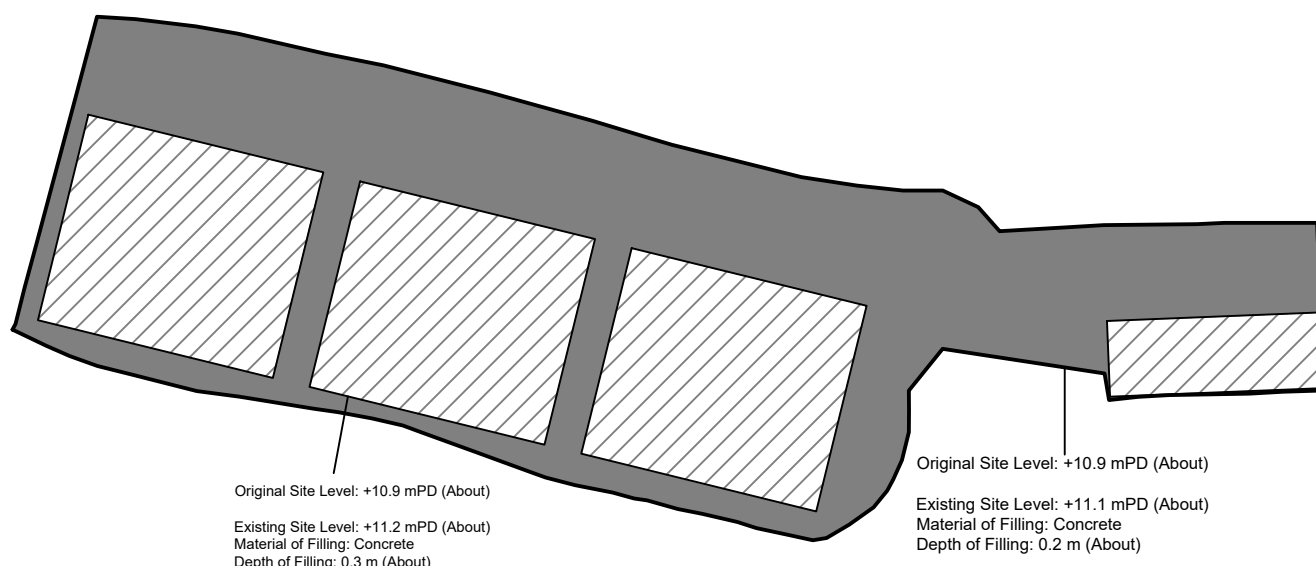

寄件者: Tang Lok San <[REDACTED]>
寄件日期: 2025年12月01日星期一 11:15
收件者: [REDACTED] PLAND
主旨: S. 16 Planning Application No. A/YL-KTN/1190
附件: 1061 4.pdf
類別: Internet Email

[REDACTED]

Thank you for the phone call. Please see the attachment for the FSI Proposal, Drianage Proposal and updated Appendix 4. Please contact Mr. Tang via email [REDACTED] if you have any question regarding to the captioned application.

Yours sincerely,
Mr. Tang



Paved Area: About 1,618.3 m²

* To regularize filling of land in the application site area.

Legend:

 Paved Area 平整範圍

Appendix 4

Location: DD 109 Lot 1061 RP (Part)

OZP: S/YL-KTN/1190
District: Kam Tin North
Zoning: Agriculture

Date: 1 December 2025

Paved Area

平整位置圖

擬議臨時貨倉（危險品倉庫除外）
連附屬設施及相關填土工程（為期3年）

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

SCALE

1:500

@A4

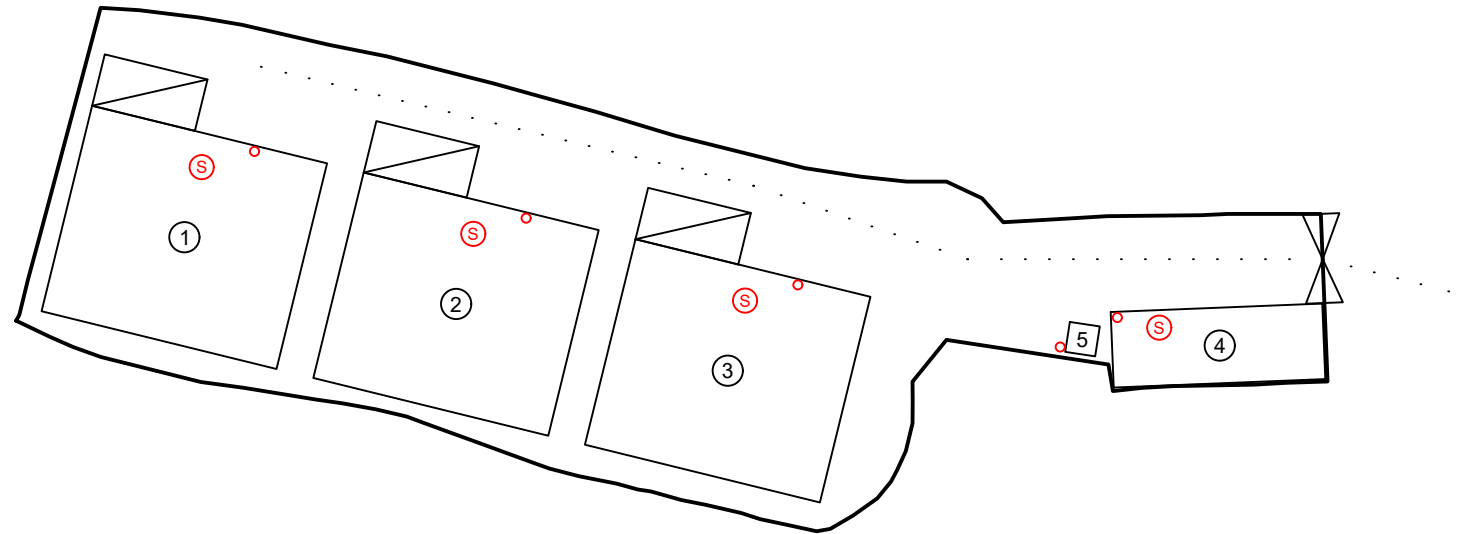
For Identification Only

Drawing No.:

4-01

Proposed Structures Details

	Structures	Gross Floor Area (GFA)	Height (Not Exceeding)
1	Warehouse (Excluding D.G.G.) with Ancillary Office	About 16m x 14m = 224m ²	8m
2	Warehouse (Excluding D.G.G.) with Ancillary Office	About 16m x 14m = 224m ²	8m
3	Warehouse (Excluding D.G.G.) with Ancillary Office	About 16m x 14m = 224m ²	8m
4	Warehouse (Excluding D.G.G.) with Ancillary Office	About 14m x 5m = 70m ²	8m
5	Ancillary Toilet	About 2m x 2m = 4 m ²	3.5m
	Total	About 746 m ²	
	LGV L/UL Space	7m x 3.5m	Unit(s): 3



Total Area: 1,618.3 m² (About)
 Covered Area: 746 m² (About)
 Uncovered Area: 872.3 m² (About)

3 kg Portable Dry Powder Type Fire Extinguisher (5 in Total)

Stand-alone Fire Detector (Smoke Detector) (In accordance with the Stand-alone Fire Detector General Guidelines on Purchase, Installation & Maintenance [Sep 2021]) (4 in Total)

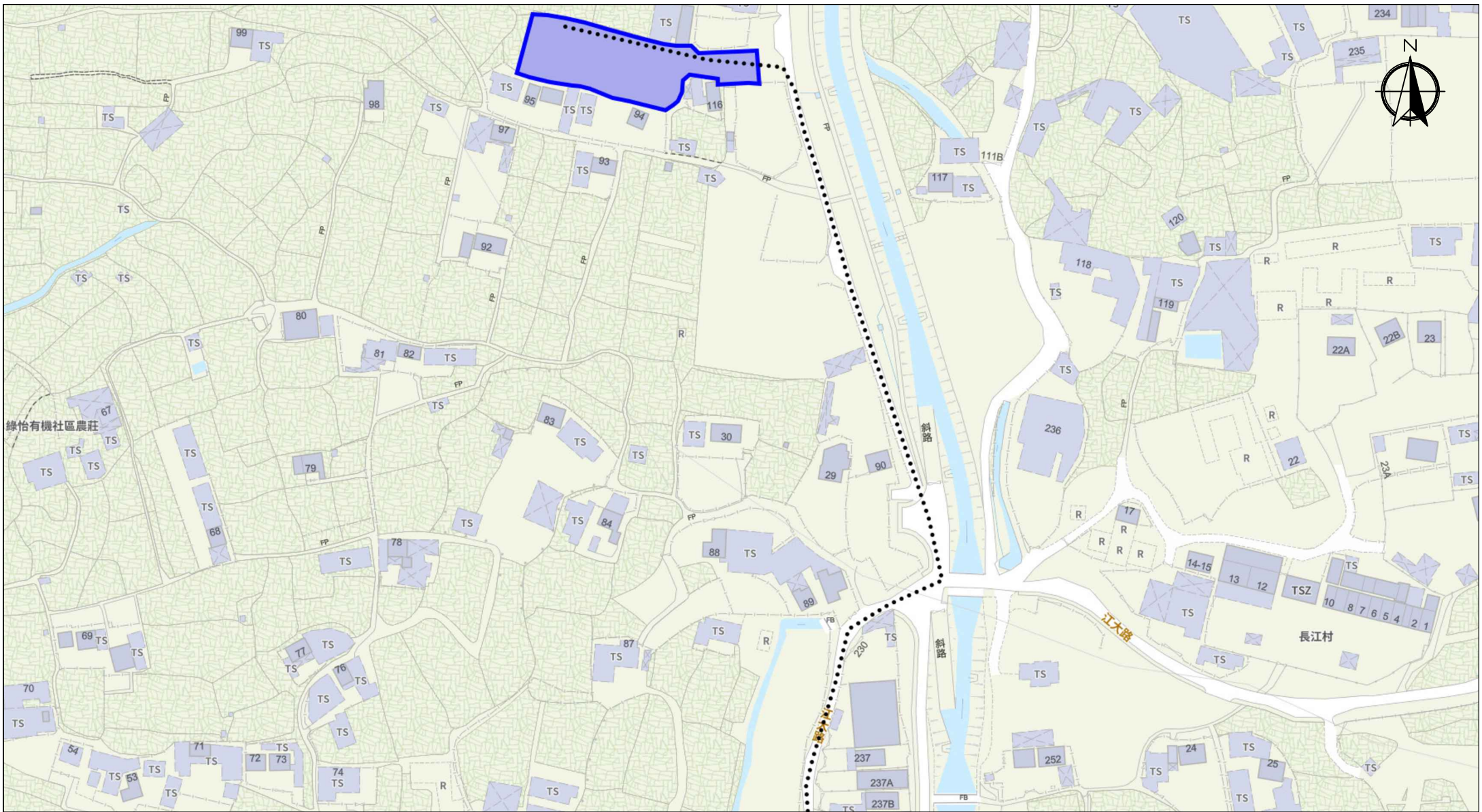
*All FSI (includes installation/maintenance/modification/repair work) will be completed by RFSIC.

For Emergency Vehicular Access, Please see Appendix 6.1

*All the enclosed structures are provided with access for emergency vehicles to reach within 30m travel distance from the structures.

Scale: 1:500 @A4

Appendix 6 Proposed Fire Service Installation Plan	Location: D.D. 109 Lot 1061 RP (Part) OZP: S/YL-KTN/1190 District: Kam Tin North Zoning: Agriculture	Proposed Temporary Warehouse (excluding Dangerous Goods Godown) with Ancillary Facilities and Associated Filling of Land for a Period of 3 Years	Legend:  Ingress / egress (About 6m)  Proposed Structures  LGV L/UL Space  Stand-alone Fire Detector (Smoke Detector)  Fire Extinguisher	Drawing No.: 6-01
				For Identification Only Date: 01/12/2025



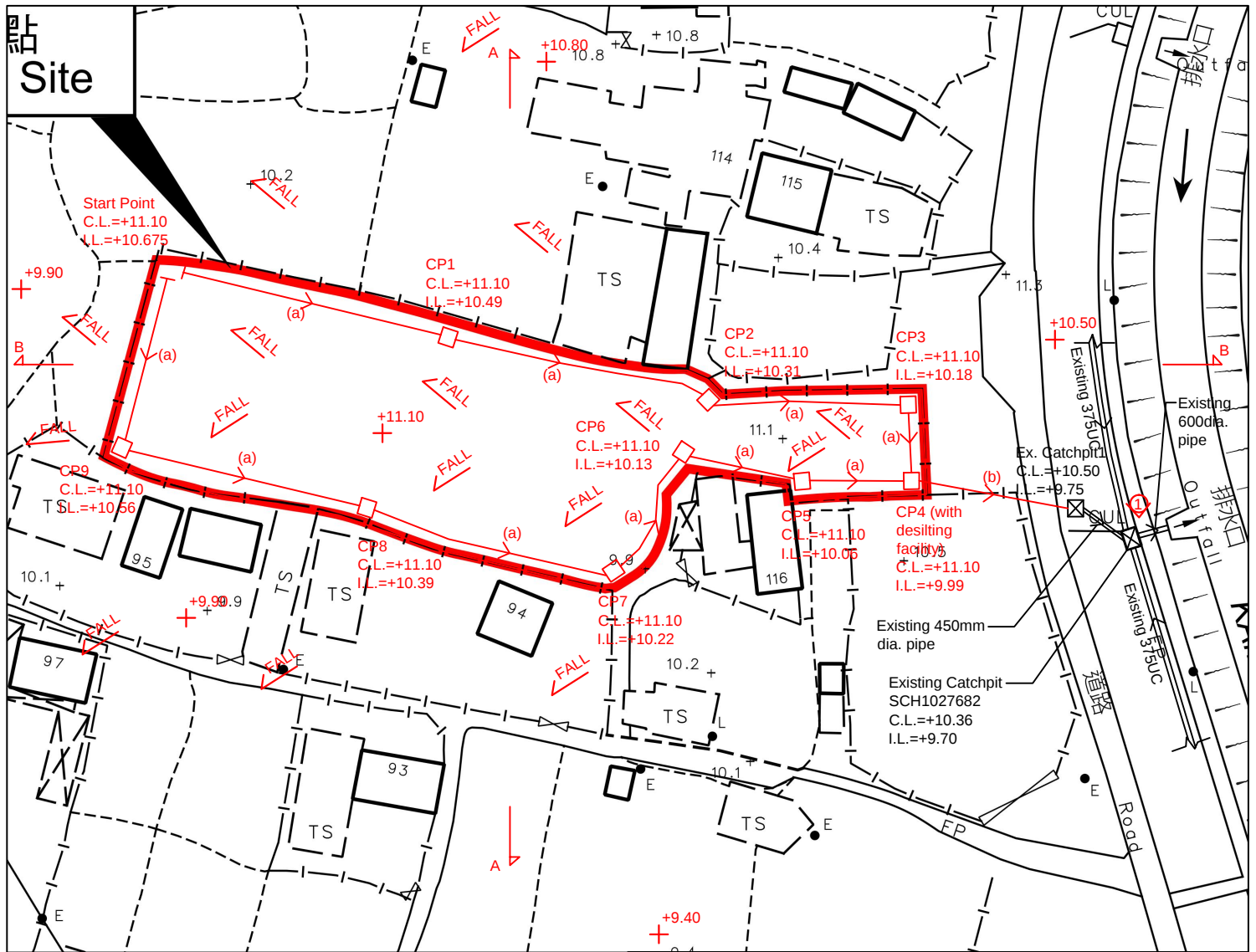
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Captured from map.gov.hk on 1st November 2023

Appendix 6.1 Emergency Vehicular Access	Location: D.D. 109 Lot 1061 RP (Part) OZP: S/YL-KTN/11 District: Kam Tin North Zoning: Agriculture	Project: Proposed Temporary Warehouse (excluding Dangerous Goods Godown) with Ancillary Facilities and Associated Filling of Land	Width of Kong Tai Road: 3-6m (About) with passing space Map Legend: ●●●● Road Path — Site Boundary	Drawing No.: 6.1-1 For Identification Only Date: 01/12/2025
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A/YL-KTN/970 Drainage Proposal R-to-C for 8-10-2025

Comments	Response
1. A R-to-C table should be provided for reference.	R-to-C table is provided.
2. Please provide photo record to prove the existence and latest condition of Ex. catchpit 1.	Photo showing the existing condition of Ex. Catchpit 1 is enclosed.
3. Previous comment 2 has not been addressed. Please advise if any site formation/ land filling works to be carried out under this application. Please note that the overland flow from the adjacent lands should not be affected.	100mm concrete paving works is completed and it is presented as the existing level of the site, and as shown in the cross section provided, no overland flow would be affected.
4. Previous comment 3 has not been addressed. Please clarify whether any walls or hoarding would be erected along the site boundary. Where walls or hoarding are erected/ laid along the site boundary, adequate opening should be provided to intercept the existing overland flow passing through the site.	Fence wall, if any, shall be of Open-bottom type, it is stated in the note in Drawing D01, and the typical details of open-bottom type fence wall is presented in Drawing D02



SECTION A-A

SECTION B-B



TYPICAL DETAIL OF OPEN-BOTTOM TYPE FENCE WALL

恆協工程有限公司

HANDSHIP ENGINEERING COMPANY LIMITED

Project:

Proposed Temporary Warehouse (excluding Dangerous Goods Godown) with Ancillary Facilities for a Period of 3 Years and Filling of Land at Lot 1061 RP (Part) in D.D. 109, Kam Tin North, Yuen Long, New Territories

(Application No.:A/YL-KTN/970)

Title:

SECTIONS

D02

Drawn by:

DM

Date:

10-10-2025

Check by:

DM

Scale:

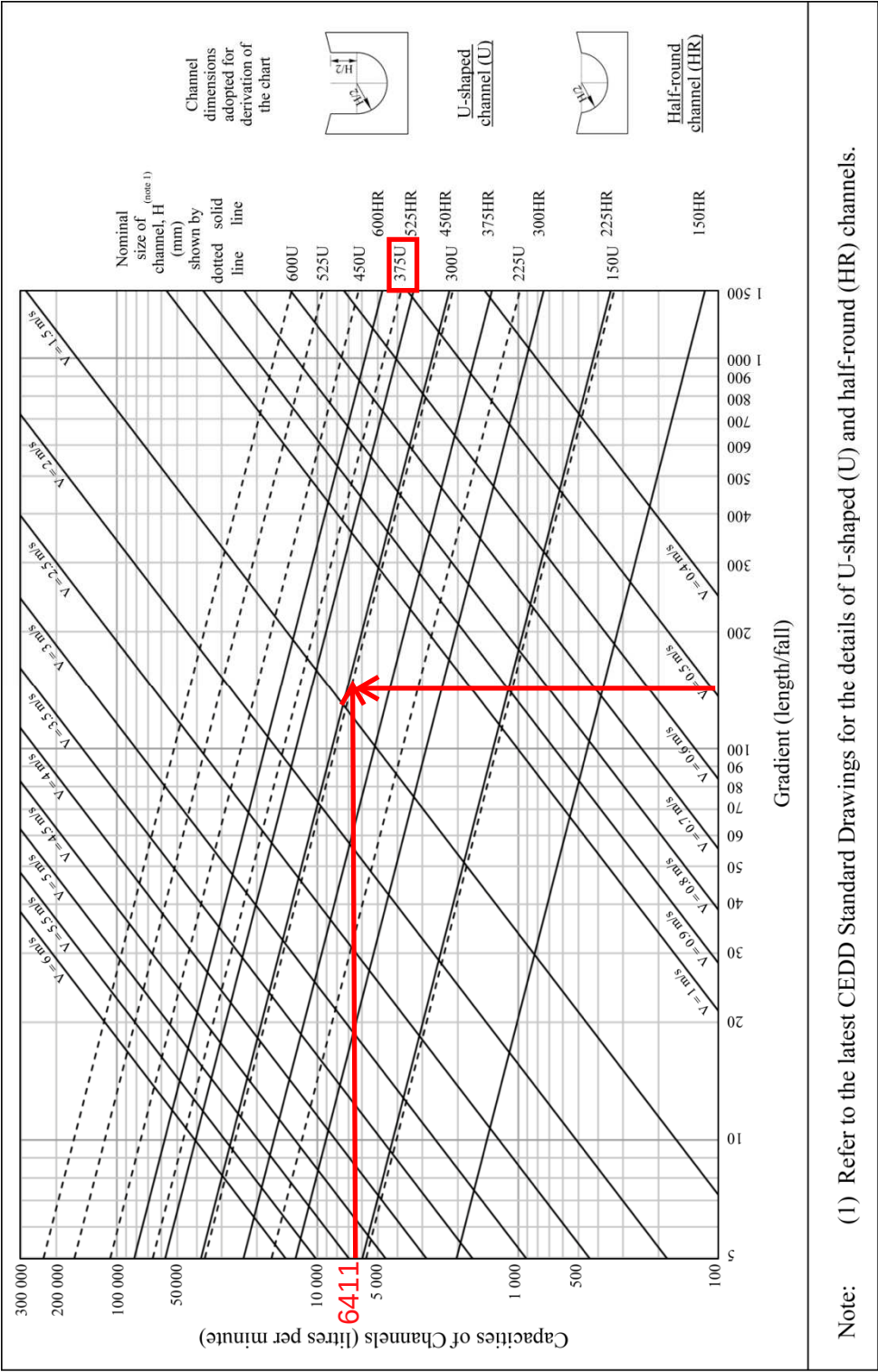
Photo 1



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

Issue No.: 1	Revision: -	Date: 05.06.2014	Page: 3 of 3
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Figure 1 - Chart for the rapid design of U-shaped and half-round channels up to 600 mm



Check 450mm dia. Pipes by Colebrook-White Equation

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

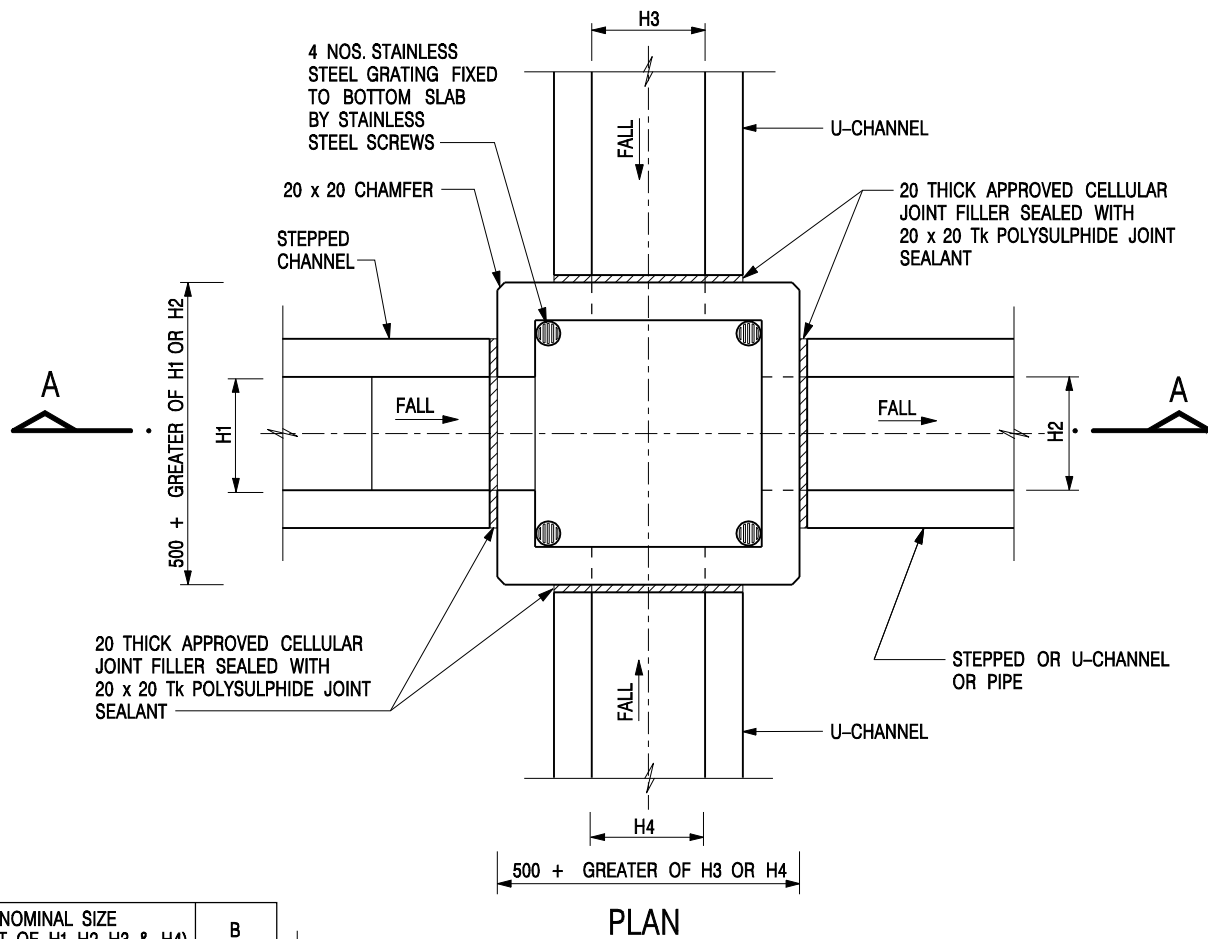
where :

V	=			mean velocity (m/s)
g	=	9.81	m/s ²	gravitational acceleration (m/s ²)
D	=	0.45	m	internal pipe diameter (m)
ks	=	0.00015	m	hydraulic pipeline roughness (m)
v	=	1.14E-06	m ² /s	kinematic viscosity of fluid (m ² /s)
s	=	0.01		hydraulic gradient

(Table 5, from DSD Sewerage Manual, concrete pipe)

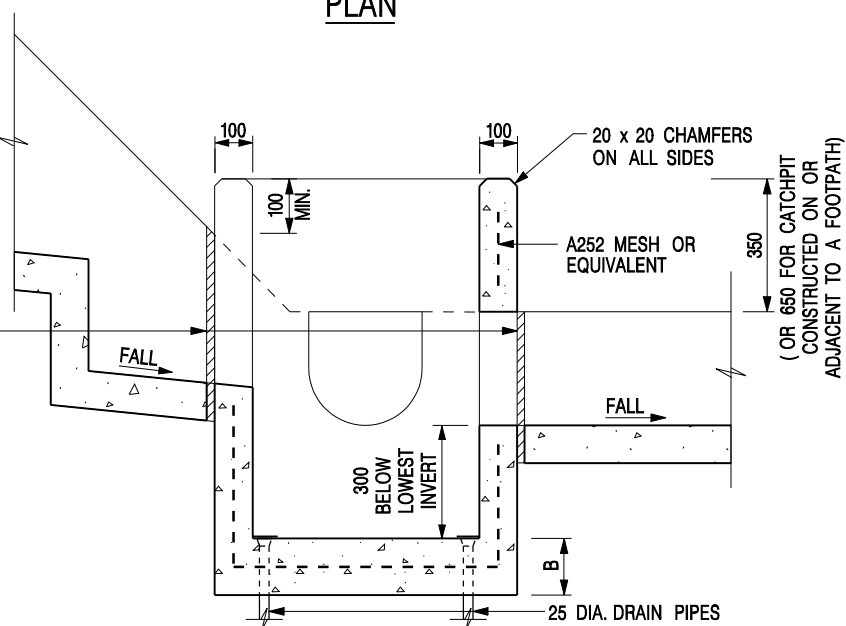
Therefore, design V of pipe capacity = 2.3490 m/s

Q= 0.8VA		(0.8 factor for sedimentation)
= 0.299	m ³ /s	
= 17932.582	lit/min	
> 6411	lit/min	Ok



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



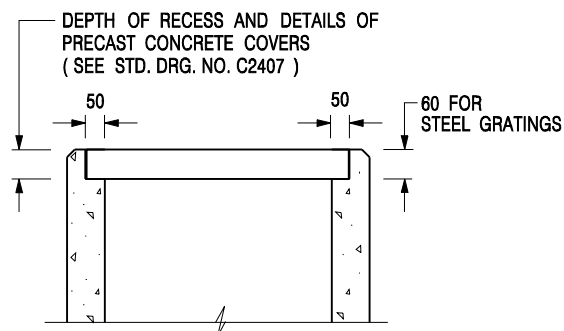
SECTION A - A

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	



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.
6. 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.
8. FOR CATCHPITS CONSTRUCTED ON OR ADJACENT TO A FOOTPATH, STEEL GRATINGS (SEE DETAIL 'A' ON STD. DRG. NO. C2405) 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 'G' ON STD. DRG. NO. C2405; 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.
11. FOR RETROFITTING AN EXISTING CATCHPIT WITH STEEL GRATING, SEE DETAIL 'F' ON STD. DRG. NO. C2405.
12. SUBJECT TO THE APPROVAL OF THE ENGINEER, OTHER MATERIALS CAN ALSO BE USED AS COVERS / GRATINGS.

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

**CATCHPIT WITH TRAP
(SHEET 2 OF 2)**



**CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT**

SCALE 1 : 20

DATE JAN 1991

DRAWING NO.

C2406 /2

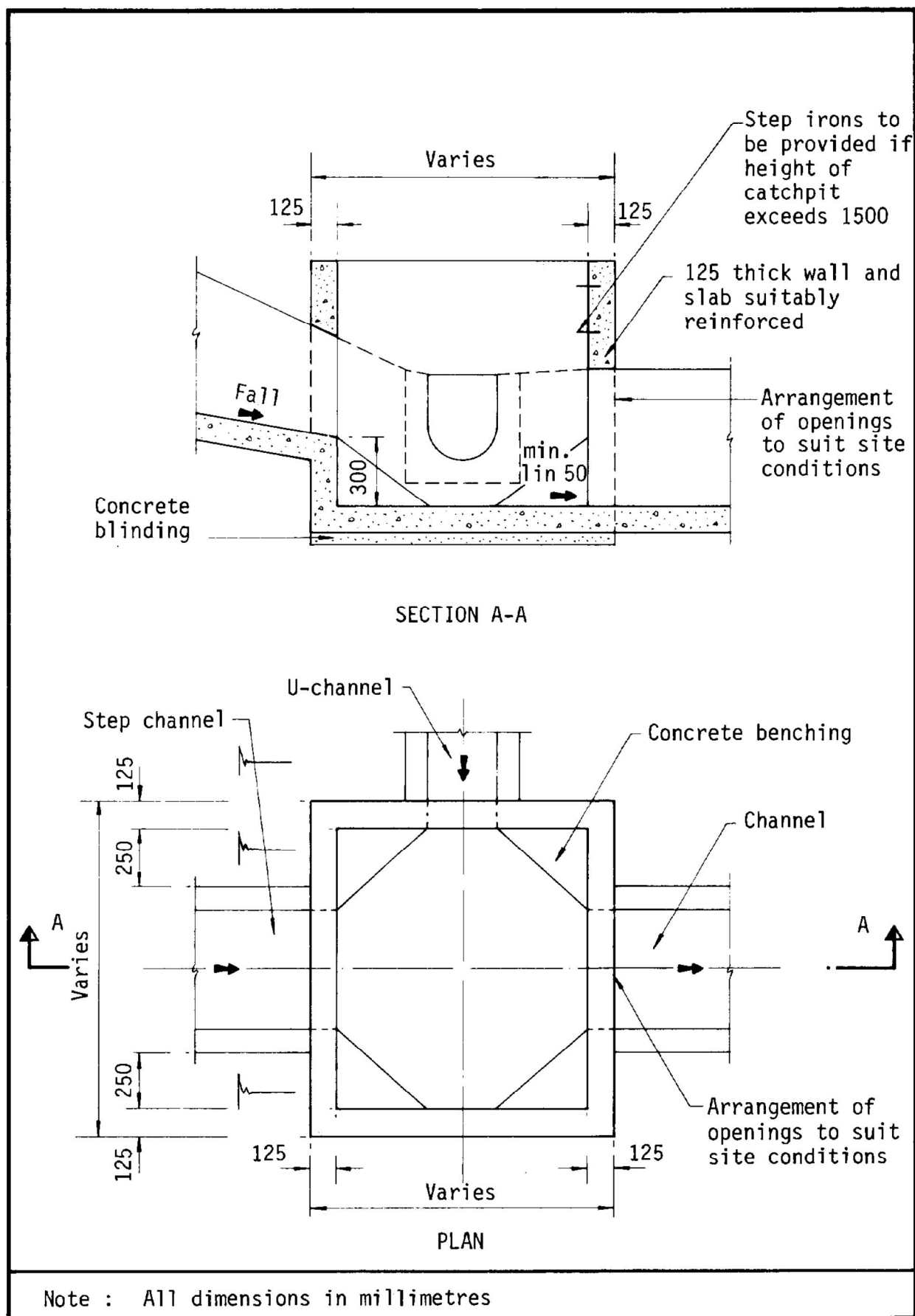
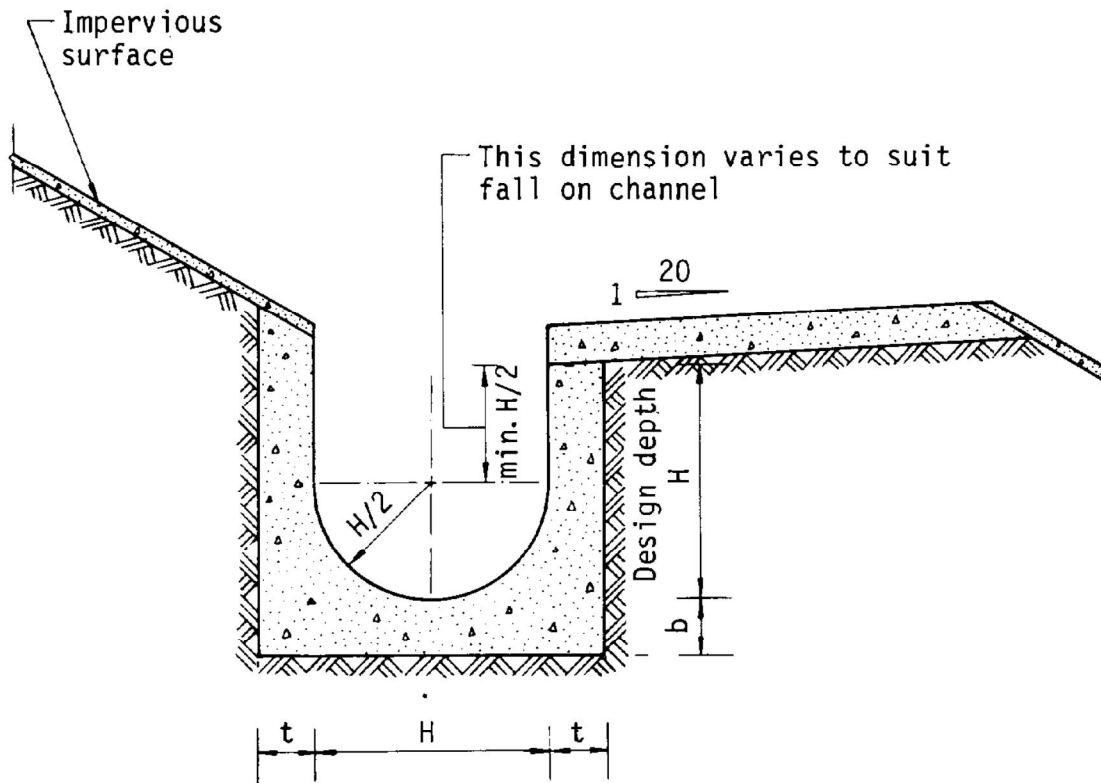


Figure 8.10 - Typical Details of Catchpits



Dimensions of U - channel

Nominal size of channel H (mm)	Thickness t (mm)	Thickness b (mm)
225 to 600	150	150
675 to 1200	175	225

Figure 8.11 - Typical U-channel Details