

Letter Ref: CDSSDA1

Platinum Land Limited C/O Kevin O'Mahony,
CORA Consulting Engineers,
Behan House,
10 Lower Mount Street,
Dublin 2.

Uisce Éireann
Bosca OP 448
Oifig Sheachadta
na Cathrach Theas
Cathair Chorcaí

Irish Water
PO Box 448
South City
Delivery Office
Cork City

www.water.ie

15 February 2019

Re: Design Submission for (Former Chivers Site, Coolock Drive, Dublin 17)(the “Development”)(the “Design Submission”)/Customer Reference No. 545350721

Dear Sir/Madam,

Many thanks for your recent Design Submission.

We have reviewed your proposal for the connection(s) at the Development. Based on the information provided, which included the documents outlined in Appendix A to this letter, Irish Water has no objection to your proposals.

This letter does not constitute an offer, in whole or in part, to provide a connection to any Irish Water infrastructure. Before you can connect to an our network you must sign a connection agreement with Irish Water. This can be applied for by completing the connection application form at www.water.ie/connections. Irish Water's current charges for water and wastewater connections are set out in the Water Charges Plan as approved by the Commission for Regulation of Utilities (CRU)(https://www.cru.ie/document_group/irish-waters-water-charges-plan-2018/).

You the Customer (including any designers/contractors or other related parties appointed by you) is entirely responsible for the design and construction of all water and/or wastewater infrastructure within the Development which is necessary to facilitate connection(s) from the boundary of the Development to Irish Water's network(s) (the “**Self-Lay Works**”), as reflected in your Design Submission. Acceptance of the Design Submission by Irish Water does not, in any way, render Irish Water liable for any elements of the design and/or construction of the Self-Lay Works.

If you have any further questions, please contact your Irish Water representative:

Name: Aidan Tierney
Phone: 022 52257
Email: aitierney@water.ie

Yours sincerely,

Maria O'Dwyer
Connections and Developer Services

Appendix A

Document Title & Revision

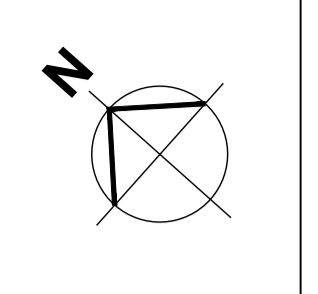
1. *Proposed Foul Drainage + Watermain Layout Plan Drawing No. 1753 - CORA - C003-PL03*
2. *Foul Sewer Longsections Sheet 1 Drawing No. 1753 - CORA - C005 - PL01*
3. *Standard Drainage Details Sheet 1 Drawing No. 1753 - CORA- C011 - PL01*

Standard Details/Code of Practice Exemption:

N/A

For further information, visit www.water.ie/connections

Notwithstanding any matters listed above, the Customer (including any appointed designers/contractors, etc.) is entirely responsible for the design and construction of the Self-Lay Works. Acceptance of the Design Submission by Irish Water will not, in any way, render Irish Water liable for any elements of the design and/or construction of the Self-Lay Works.



REVISION SCHEDULE				
REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
PL1	ISSUED FOR PLANNING	07/02/2019	TGB	KOM
PL	ISSUED FOR PLANNING	13/02/2019	TGB	KOM
PL	ISSUED FOR PLANNING	14/02/2019	TGB	KOM



LEGEND

- FOUL SEWER (EXISTING)
- FOUL SEWER (NEW)
- FOUL SEWER (DIVERTED)
- SURFACE WATER SEWER (NEW)
- SURFACE WATER SEWER (EXISTING)
- PERFORATED PIPE IN LINEAR SOAKAWAY @ 1:200 WITH 20-40mm CRUSHED LIMESTONE SURROUND U.N.O.
- EXISTING SEWER TO BE DECOMMISSIONED
- EXISTING 150mm Ø WATER MAIN
- PROPOSED 150mm Ø PE WATER MAIN (UNO)

- MH (NEW FOUL)
- MH (NEW SURFACE)
- NEW METER
- NEW SLUICE VALVE
- NEW FIRE HYDRANT
- NEW AIR VALVE
- NEW WASHOUT HYDRANT
- RAIN WATER DOWN PIPE
- RWP
- POP UP
- P.U.
- SOIL VENT PIPE
- S.V.P.
- FMH (FOUL - EXISTING)
- SMH (SURFACE - EXISTING)
- MH (DEMOLISHED - EXISTING)
- I.C. (FOUL)
- I.C. (SURFACE)
- I.C. (EXISTING)
- F.G. FLOOR GULLY
- B.I.G.T. BACK INLET GULLY TRAP
- ACO DRAINAGE CHANNEL

LEGEND

- ▨ SUSPENDED SLAB OVER BASEMENT
- ▭ BUILDING OUTLINE
- - - PROJECTION OF THE ROOF LEVEL

NOTE:
WATER SERVICE INSTALLATIONS AND FITTINGS SHOWN ARE INDICATIVE ONLY BASED ON THE SCALE OF THIS DRAWING. CONSTRUCTION DETAILS FOR ALL WATER SERVICES FITTINGS SHALL BE IN ACCORDANCE WITH IRISH WATER CODES OF PRACTICE.

NOTE:
VALVES, METERS AND HYDRANTS IN LANDSCAPED AREAS TO BE INSTALLED ON CONCRETE PLINTHS WITH MARKER POSTS IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS.

PROPOSED FOUL DRAINAGE + WATERMAIN LAYOUT PLAN
SCALE 1:500

Drawing Stage:
PLANNING

Project Details:	
Site Address:	COOLOCK DRIVE, DUBLIN 17
Client:	PLATINUM LAND LTD.
Architect:	PLUS ARCHITECTURE
M&E Designer:	
Contractor:	

Notes

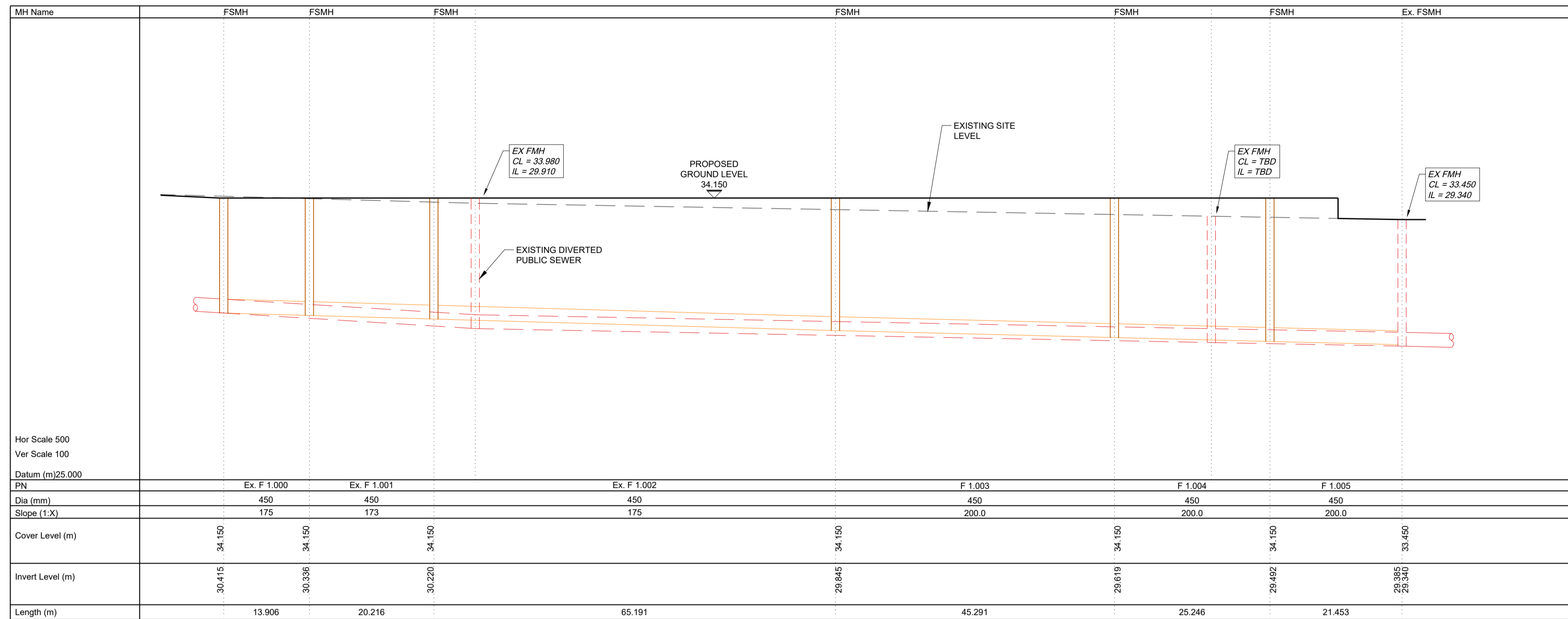
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Project Name:	CHIVERS SITE			Scale:	1:500 @ A1	Project Number:	1753
Drawing Title:	PROPOSED FOUL DRAINAGE + WATERMAIN LAYOUT PLAN			Project:	CHV	Originator:	CORA
		Zone:	XX	Level:	00	Type:	DR
		Discipline:	C	Drawing No:	003	Stage:	-
		Revision:	PL3				

CORA CONSULTING ENGINEERS

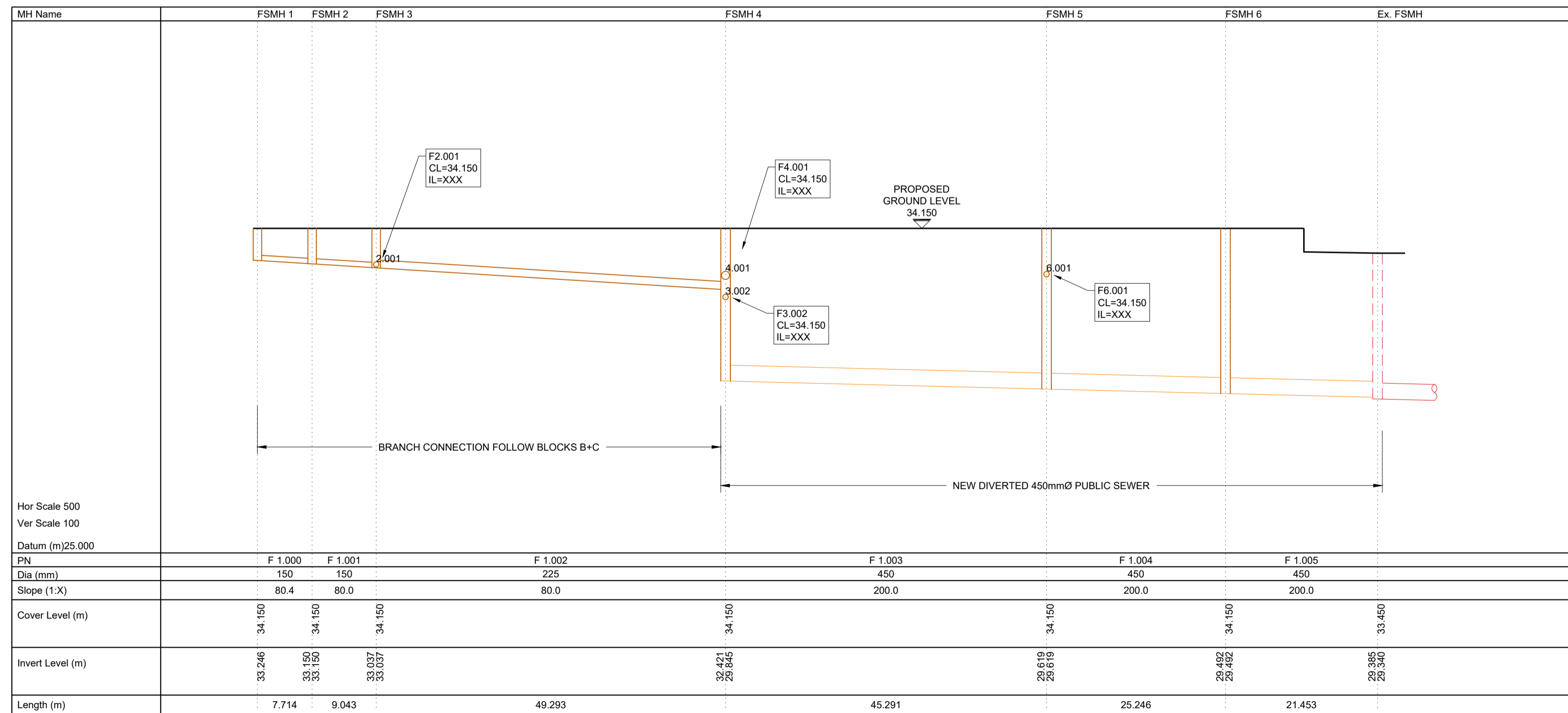
Behan House,
10 Lower Mount Street,
Dublin 2. D02 HT71
Tel: +353 1 661 1100
e-mail: info@cora.ie
Web: www.cora.ie

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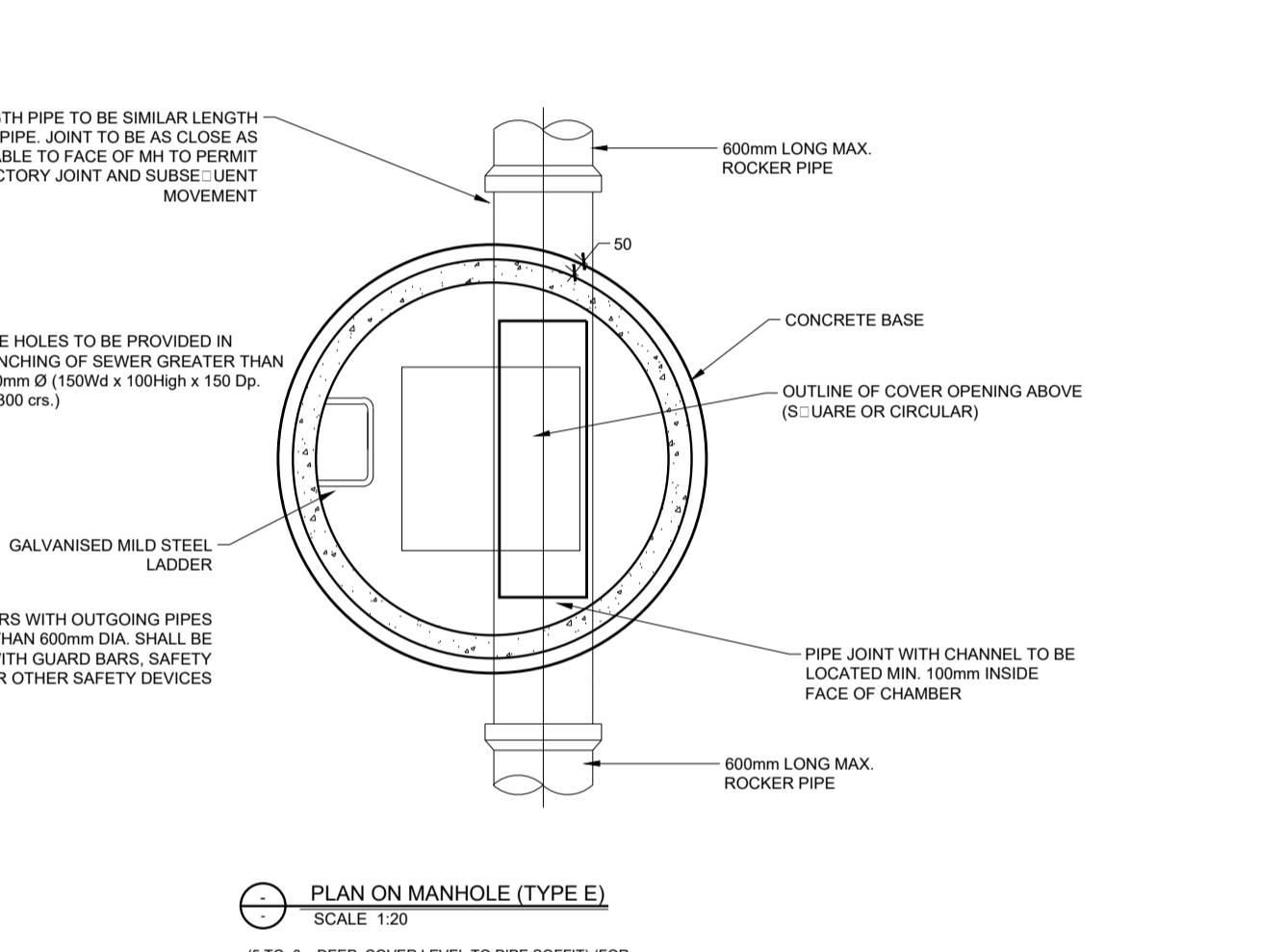
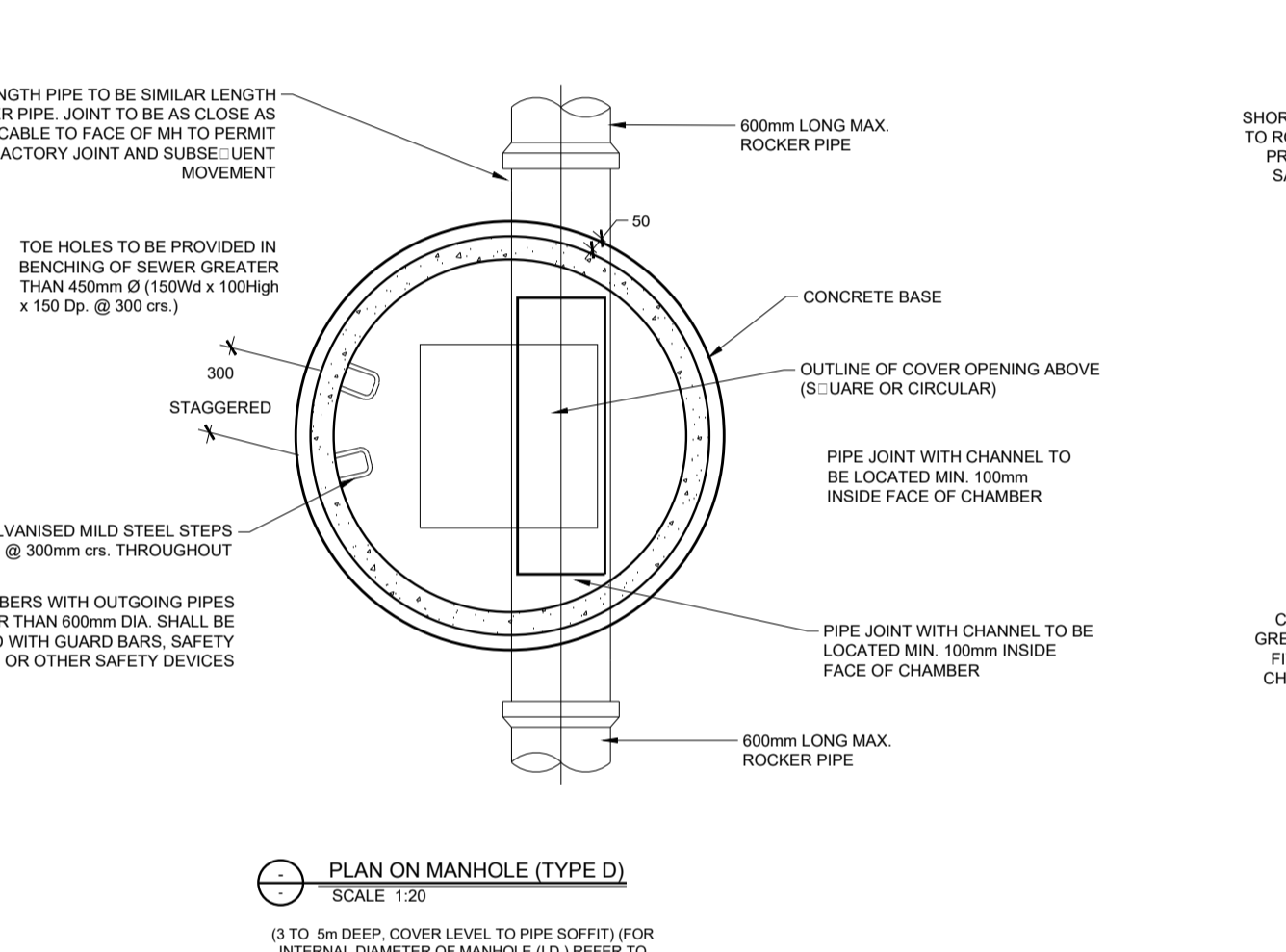
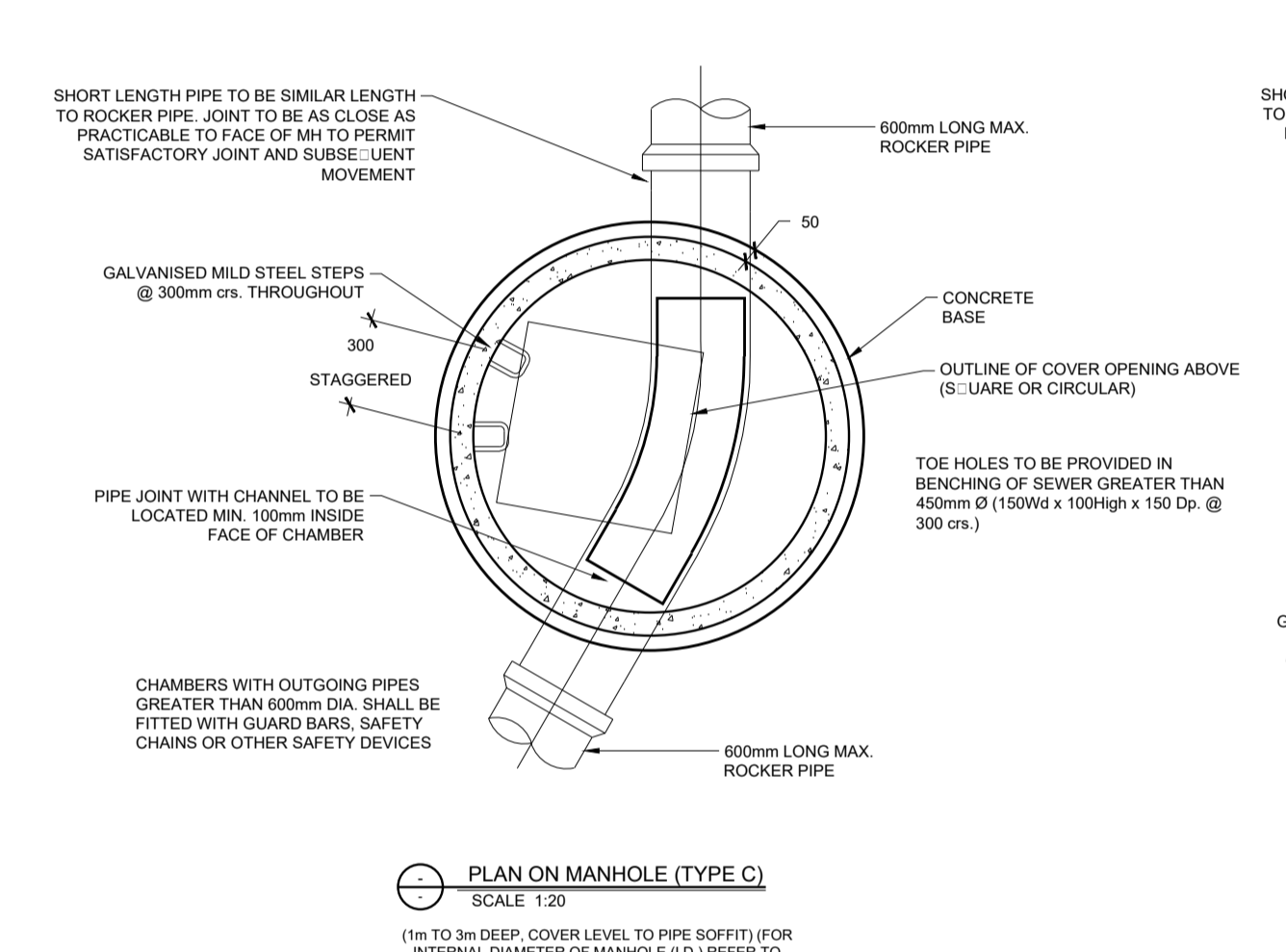
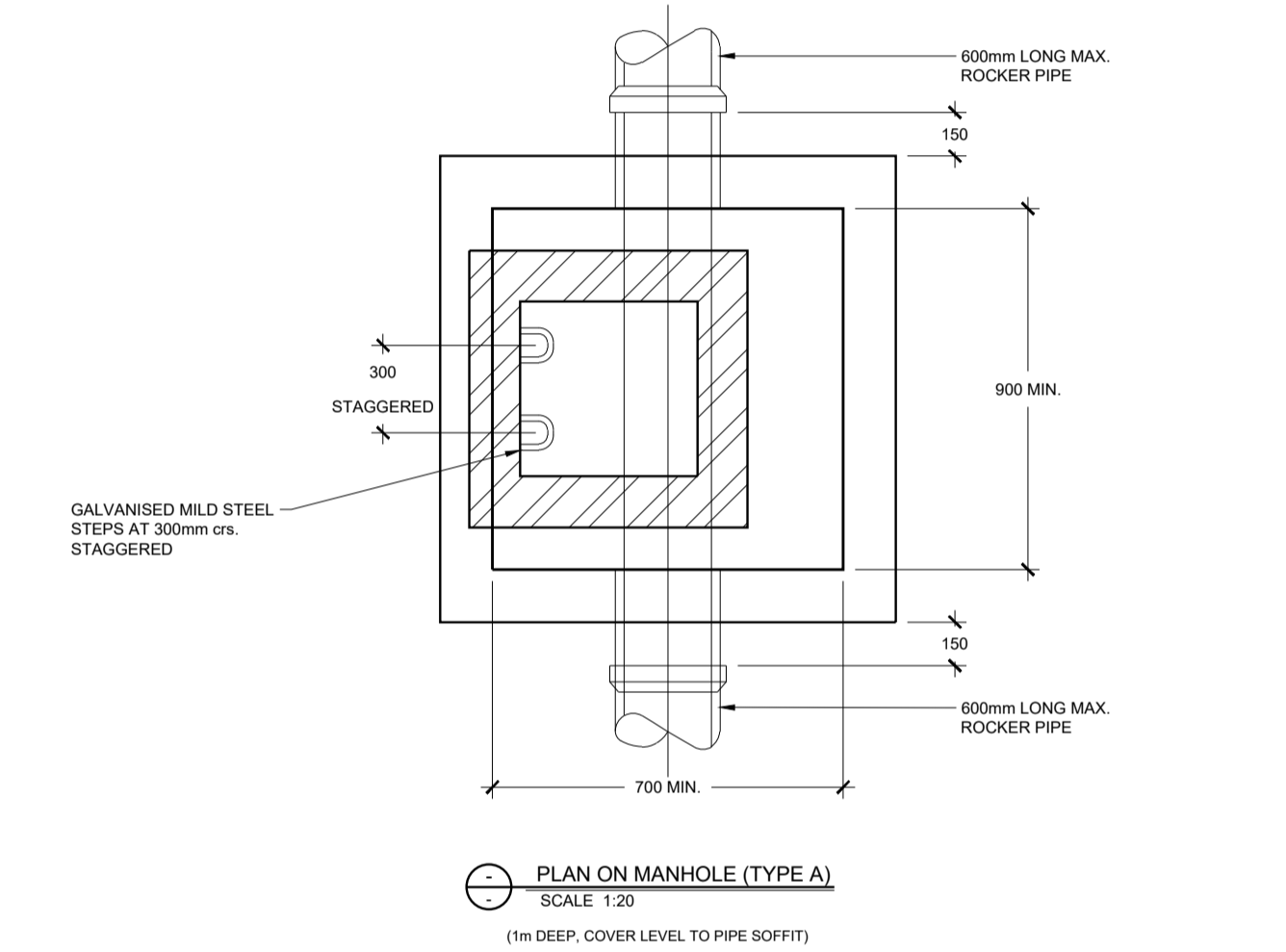
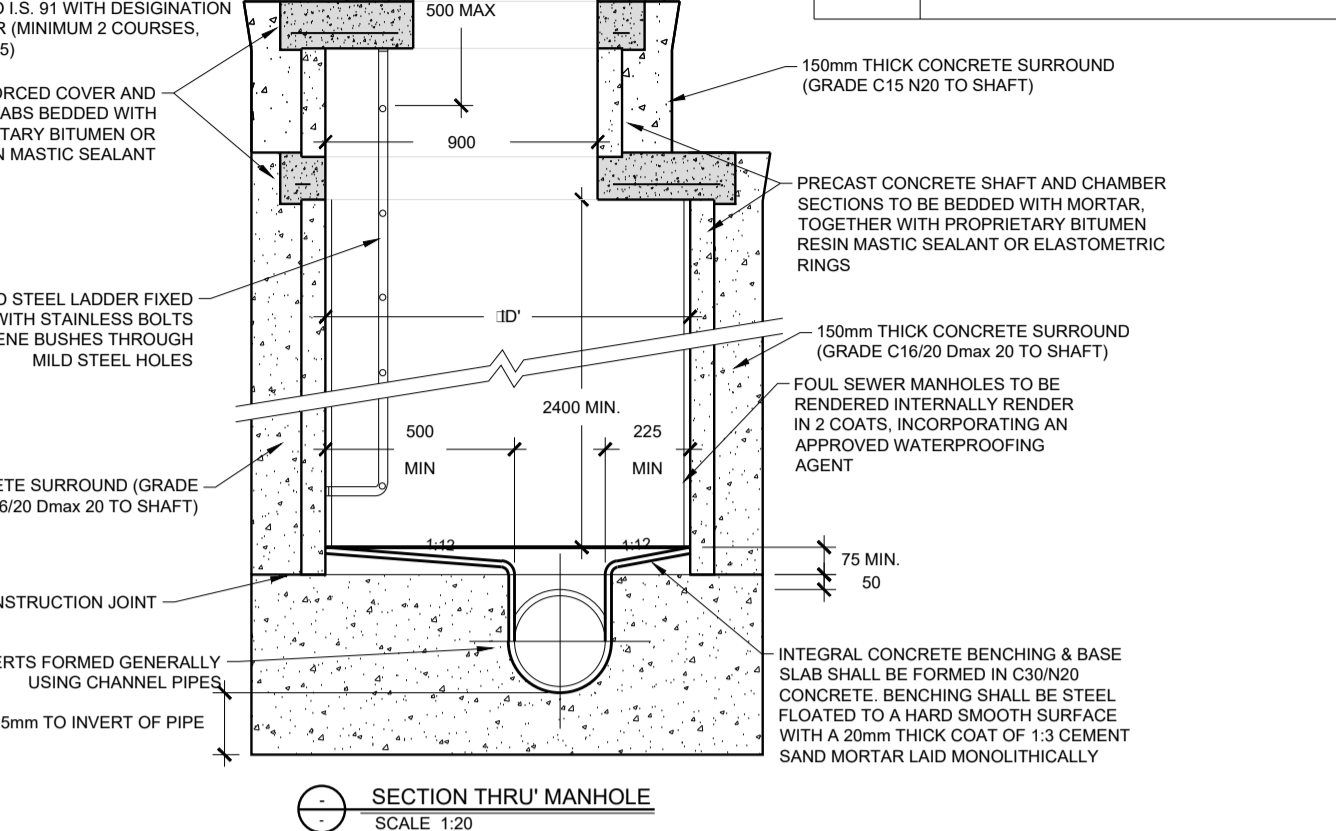
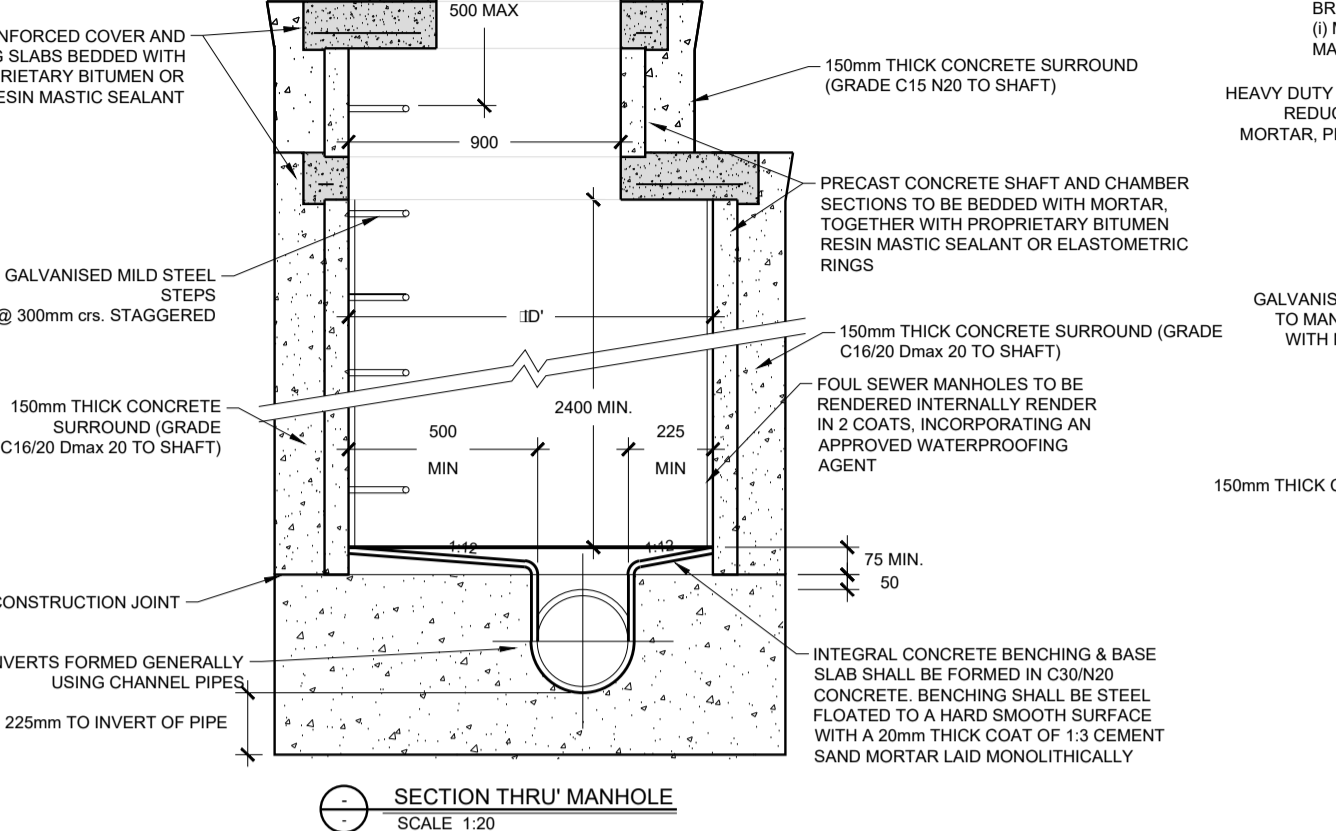
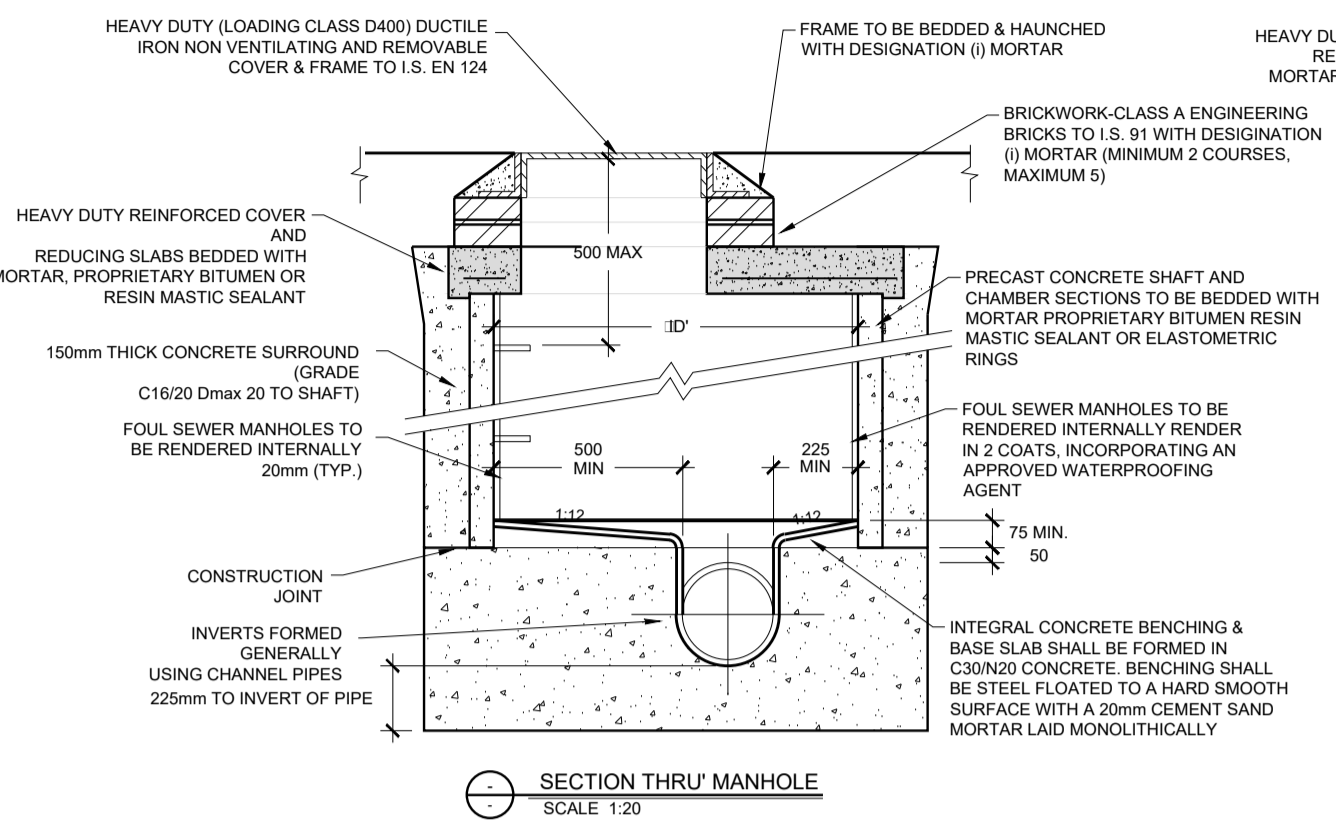
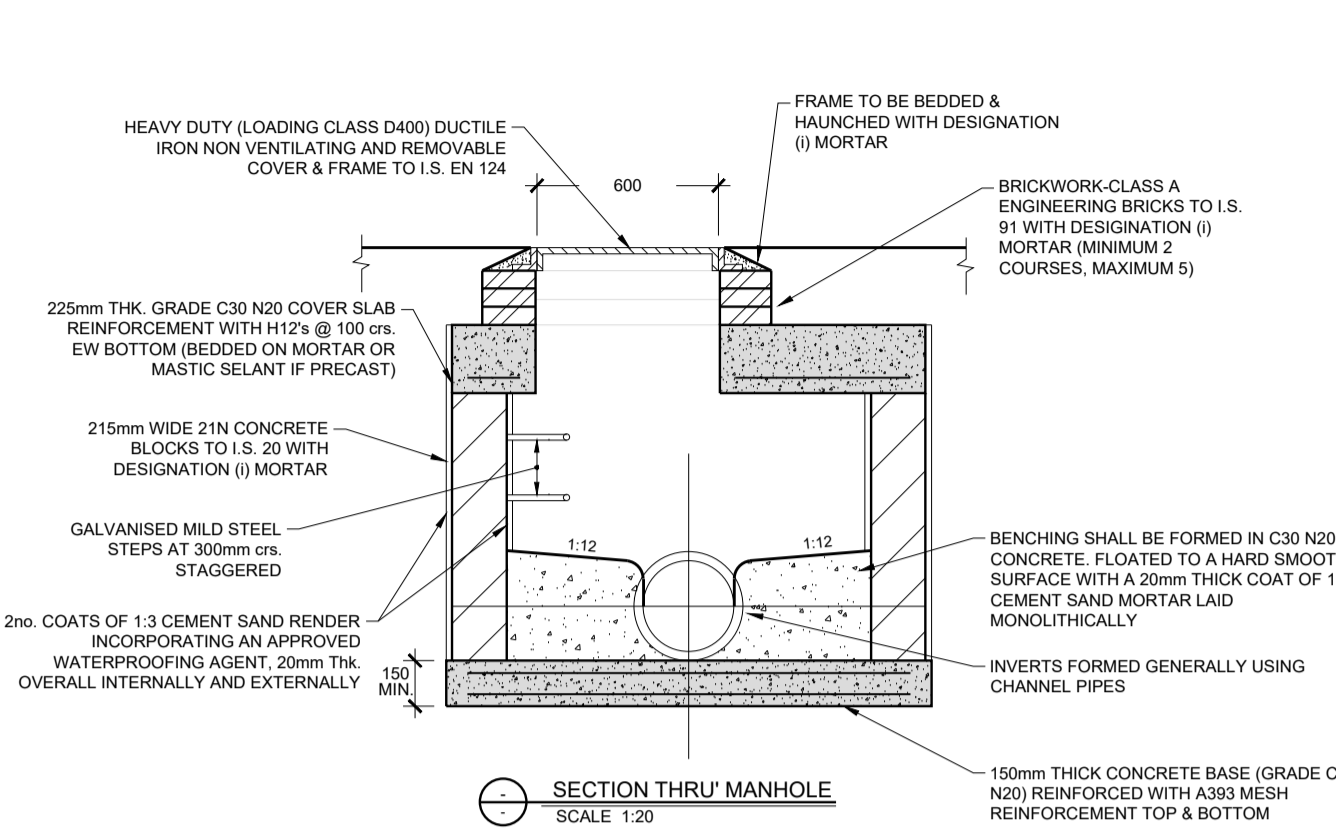
LONGSECTION THROUGH PROPOSED DIVERTED FOUL SEWER
SCALE:- V=1:100 ; H=1:500



LONGSECTION THROUGH PROPOSED FOUL SEWER
SCALE:- V=1:100 ; H=1:500

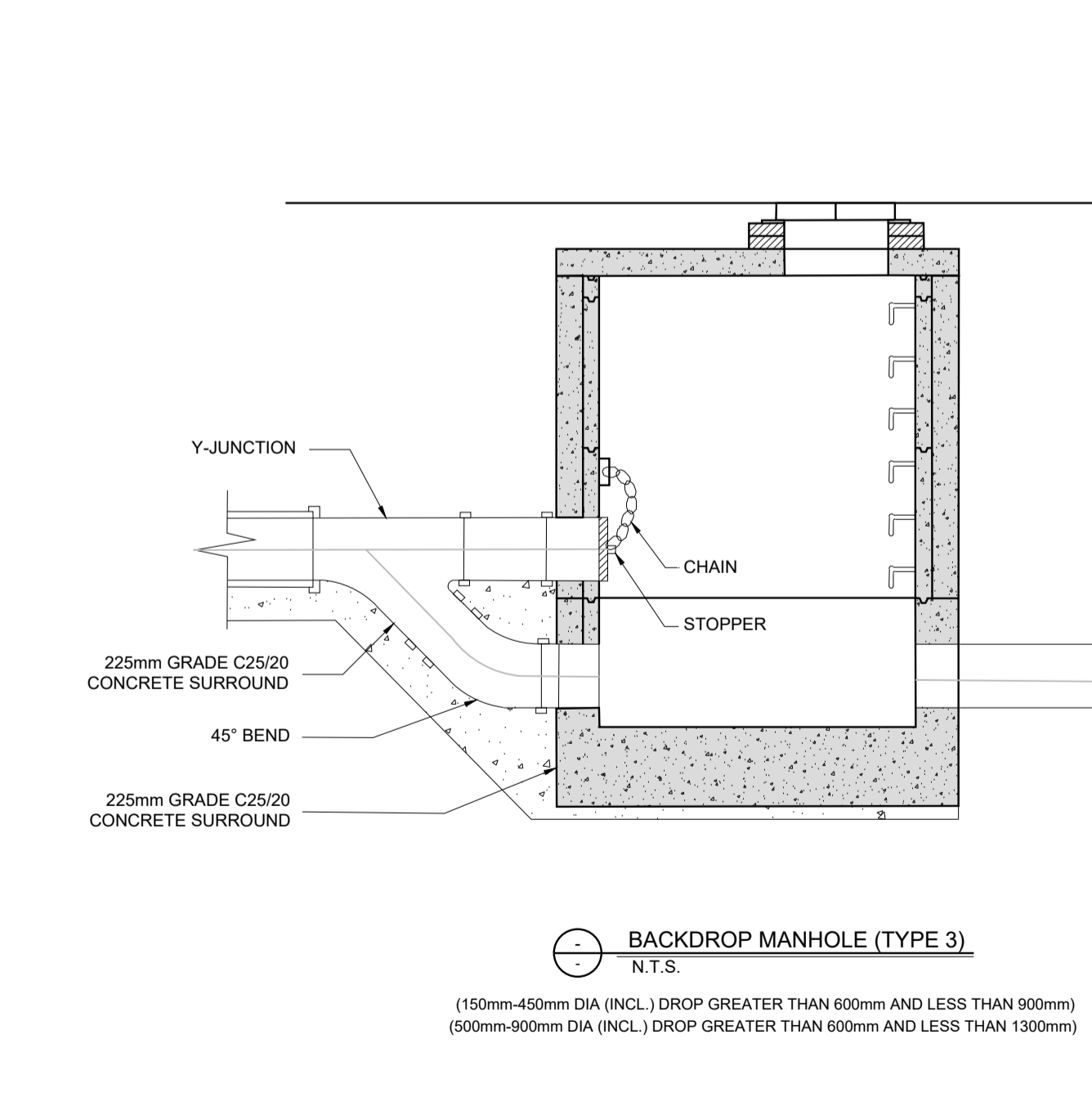
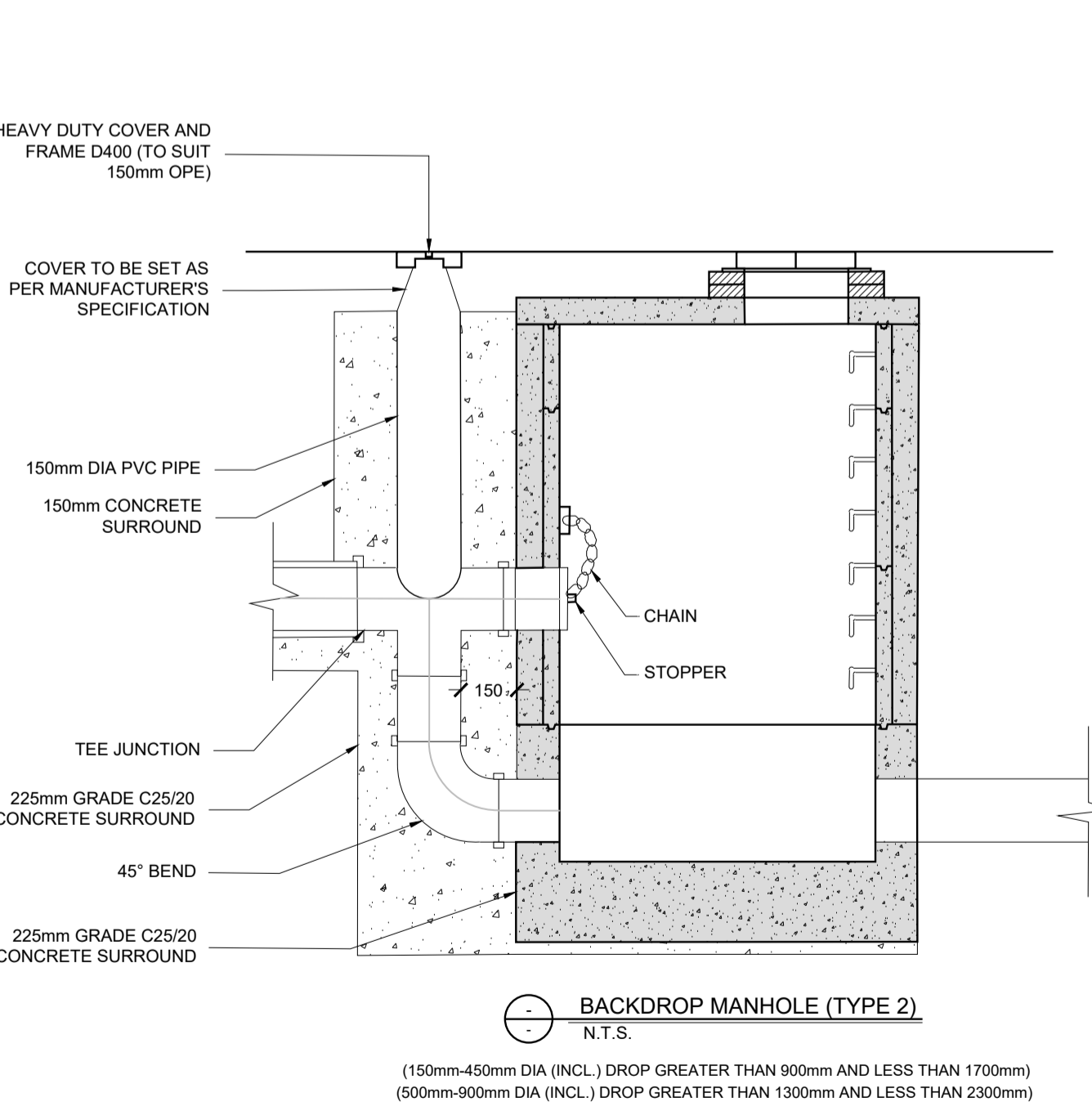
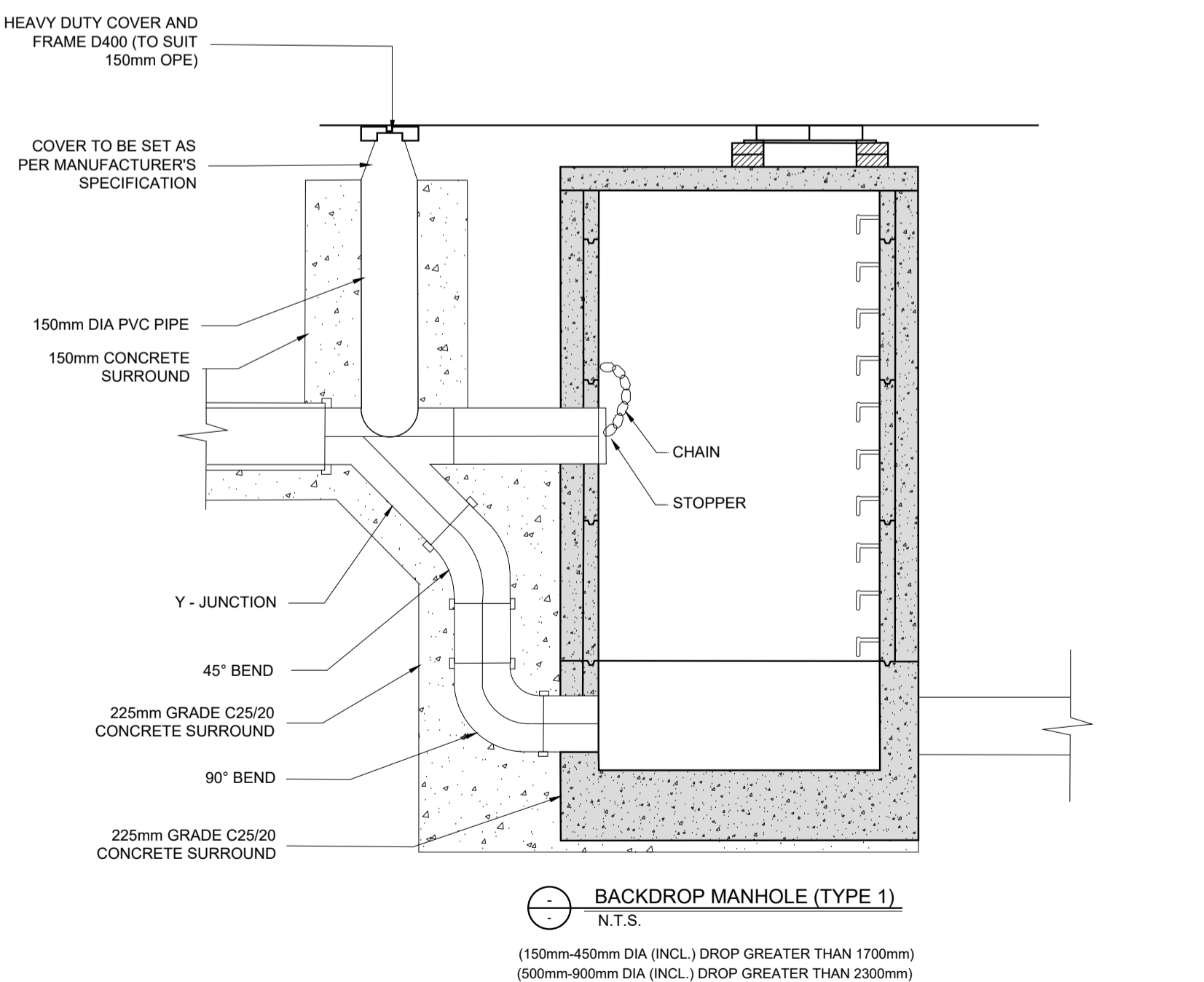
Drawing Stage: PLANNING	Project Details:	Notes	Drawn by:	Checked by:	Approved by:	Date:		Behan House, 10 Lower Mount Street, Dublin 2. D02 HT71 Tel: +353 1 661 1100 e-mail: info@cora.ie Web: www.cora.ie				
	Site Address:		JPC/TGB	KO'M	JFC	07/02/2019						
	Client:		Project Name:			Scale:			Project Number:			
	Architect:		CHIVERS SITE			A.S @ A1			1753			
	M&E Designer:		Drawing Title:			Project:			Originator:	Zone:	Level:	Type:
Contractor:	FOUL SEWER LONGSECTIONS SHEET 1			CHV	CORA	00	ZZ	DR	C	005	-	PL1

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MANHOLE - INTERNAL DIMENSIONS				
PIPE Ø (mm)	MANHOLE TYPE			
	A	C	D	E
EP 10 225	700 x 900	9000		
300	700 x 900	10500	10500	10500
375	700 x 900	10500	10500	10500
450	700 x 900	10500	10500	10500
525	700 x 900	12000	12000	12000
600		12000	12000	12000
675		13500	13500	13500
750		13500	13500	13500
900		15000	15000	15000

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
 - RODDING EYE CHAMBER SHALL BE COVERED WITH APPROVED HEAVY DUTY METAL COVERS TO IS 261 AND BS 5834. COVER AND FRAME SHALL BE SUITABLE FOR ROAD AND TRAFFIC CONDITIONS AND IS SUBJECT TO THE APPROVAL OF IRISH WATER.
 - ALL CHAMBERS TO BE CHECKED FOR UPLIFT BY THE DEVELOPER BASED ON GROUND CONDITIONS WITHIN THE SITE. SHOULD ANTI FLOATION MEASURES BE REQUIRED THEY SHALL BE SUBJECT TO APPROVAL FROM IRISH WATER.
 - ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
 - MANHOLE DETAILS TO BE IN ACCORDANCE WITH IRISH WATER STANDARDS.



Drawing Stage: PLANNING	Project Details:	Notes		Drawn by:	Checked by:	Approved by:	Date:		Behan House, 10 Lower Mount Street, Dublin 2. D02 HT71 Tel: +353 1 661 1100 e-mail: info@cora.ie Web: www.cora.ie				
	Site Address:	1. ALL ENGINEERS DRAWINGS TO BE READ IN CONJUNCTION WITH RELEVANT DRAWINGS AND SPECIFICATIONS. 5. ALL LEVELS ARE STRUCTURAL UNLESS NOTED OTHERWISE.		JPC	KO'M	JFC	07/02/2019						
	Client:	2. ALL SETTING OUT TO ARCHITECTS DRAWINGS.		Project Name:		Scale:	Project Number:						
	Architect:	3. DO NOT SCALE FROM ENGINEERS DRAWINGS.		CHIVERS SITE		A.S. @ A1	1753						
	M&E Designer:	4. ANY DISCREPANCIES BETWEEN DRAWINGS, SKETCHES, VERBAL INSTRUCTIONS AND SITE CONDITIONS TO BE REFERRED TO THE DESIGN TEAM BEFORE WORK COMMENCES.		Drawing Title:		Project:	Originator:			Zone:	Level:	Type:	Discipline:
Contractor:			STANDARD DRAINAGE DETAILS SHEET 1		CHV	CORA	XX	ZZ	DR	C	011	-	PL1