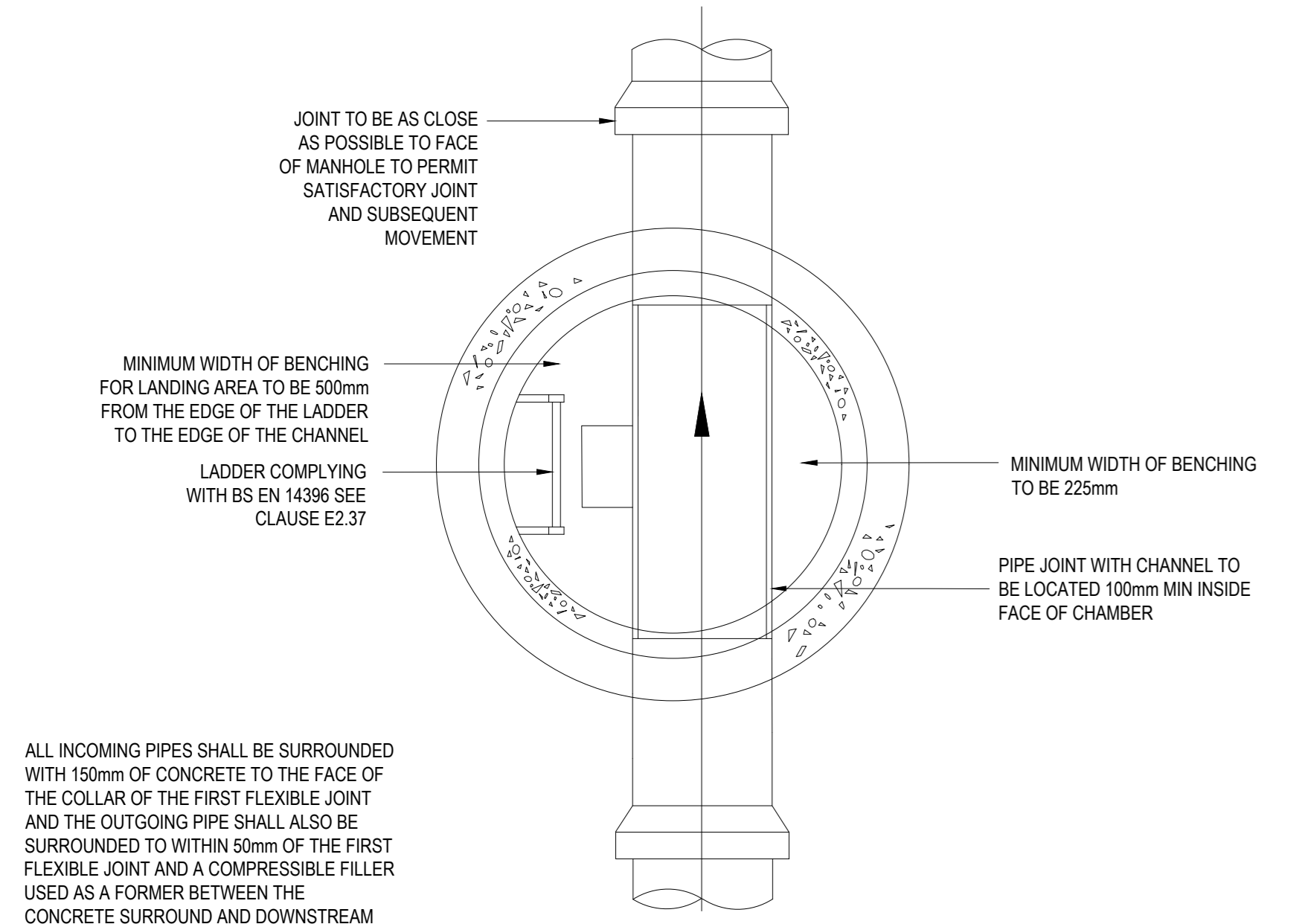
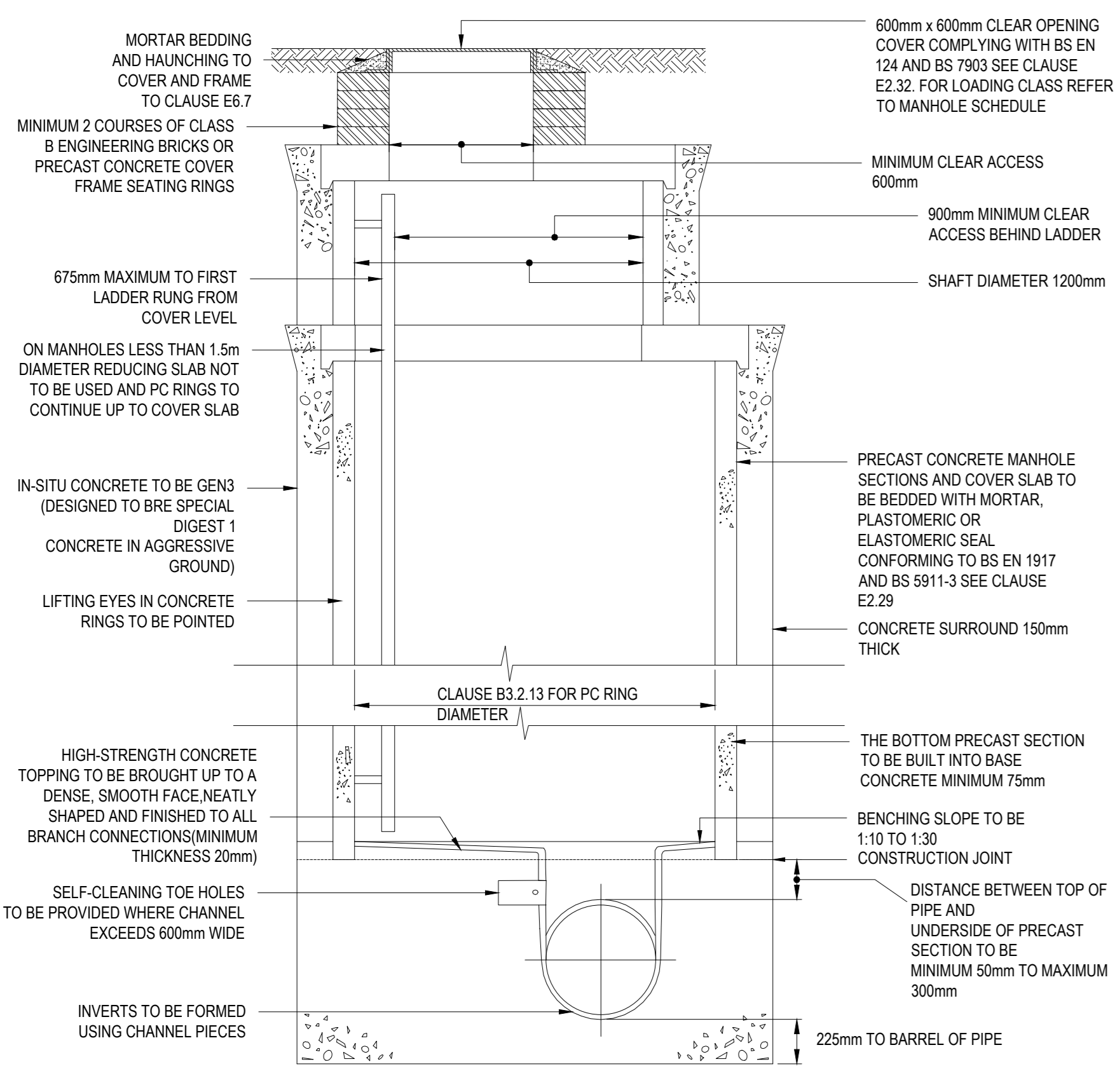
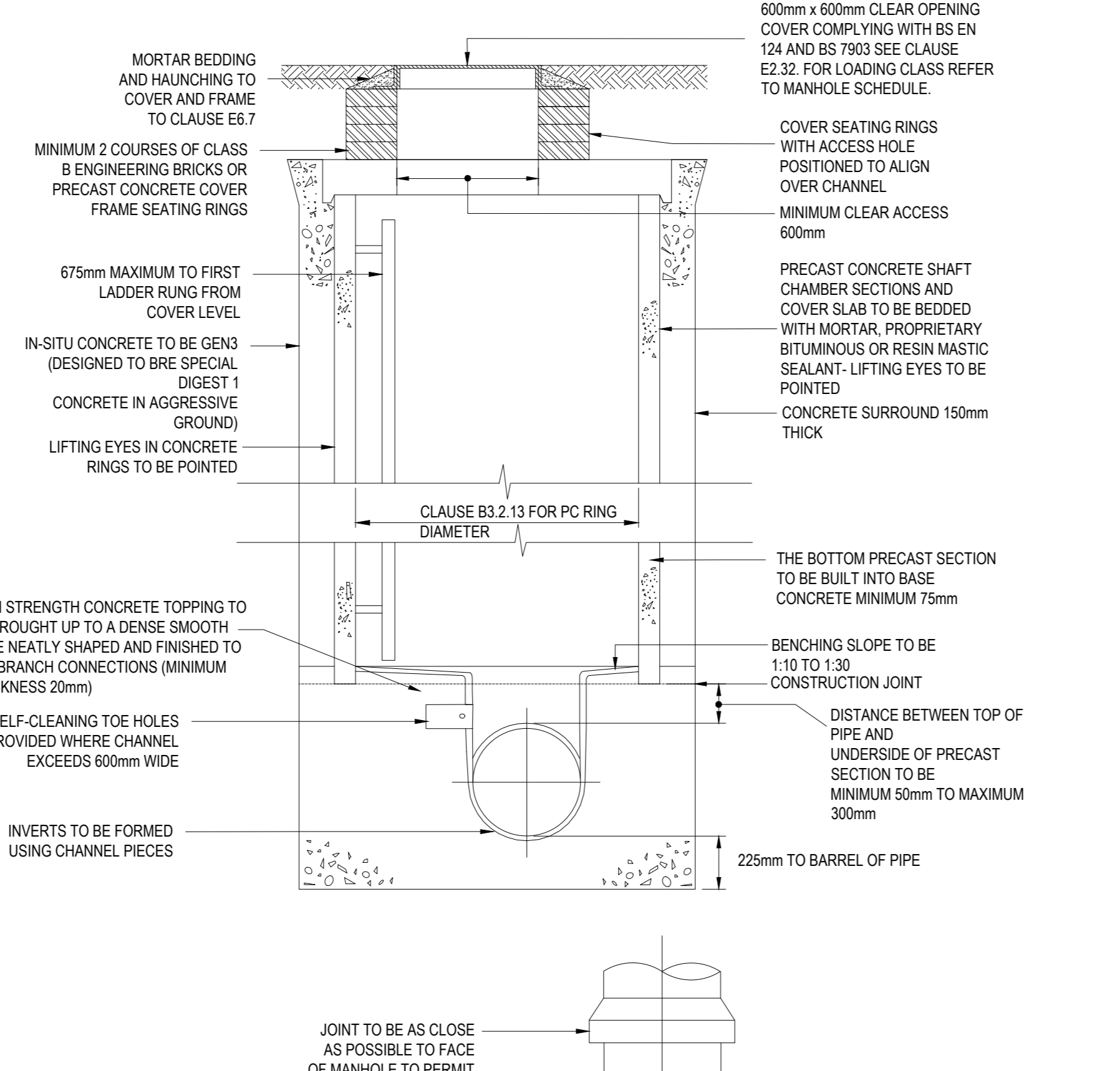


**GENERAL NOTES:**

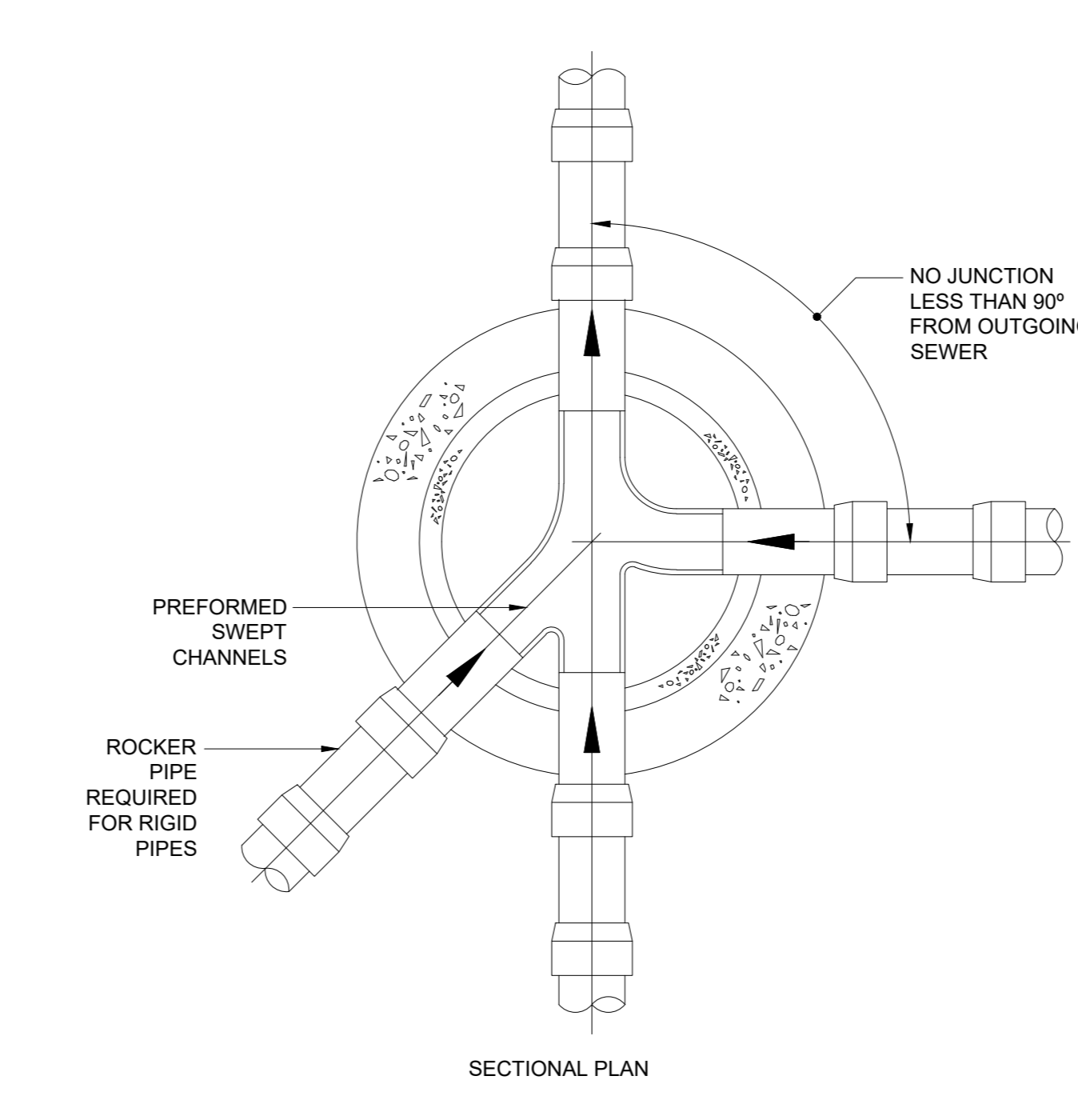
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. FOR DRAINAGE DESIGN NOTES REFER TO DRAINAGE STRATEGY DRAWING.
5. DRAINAGE DETAILS SHOWN ARE TYPICAL ONLY AT THIS STAGE.



**TYPICAL MANHOLE DETAIL - TYPE A**  
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3m to 6m  
SCALE 1:20



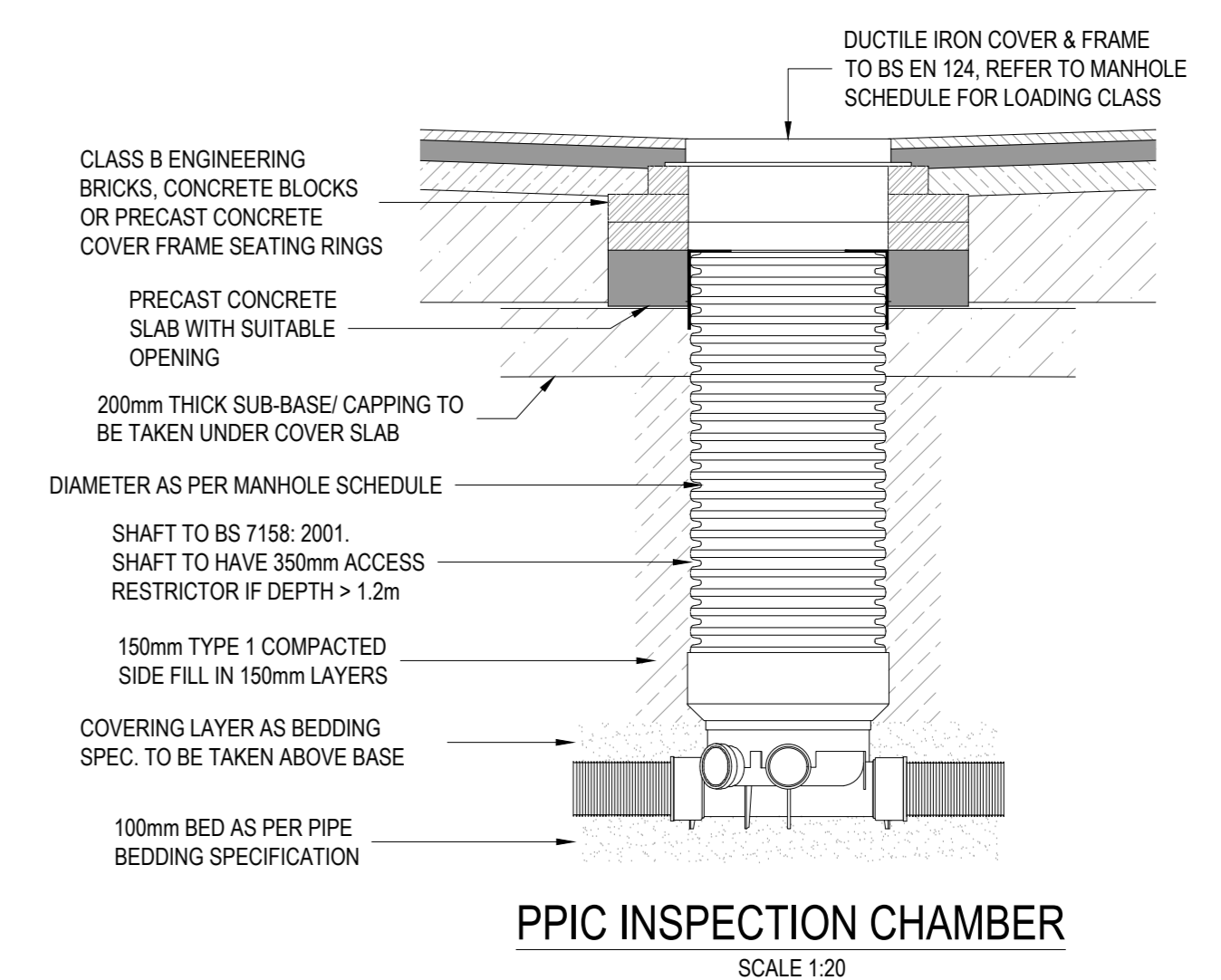
**TYPICAL MANHOLE DETAIL TYPE B**  
DEPTH TO SOFFIT < 3m  
SCALE 1:20



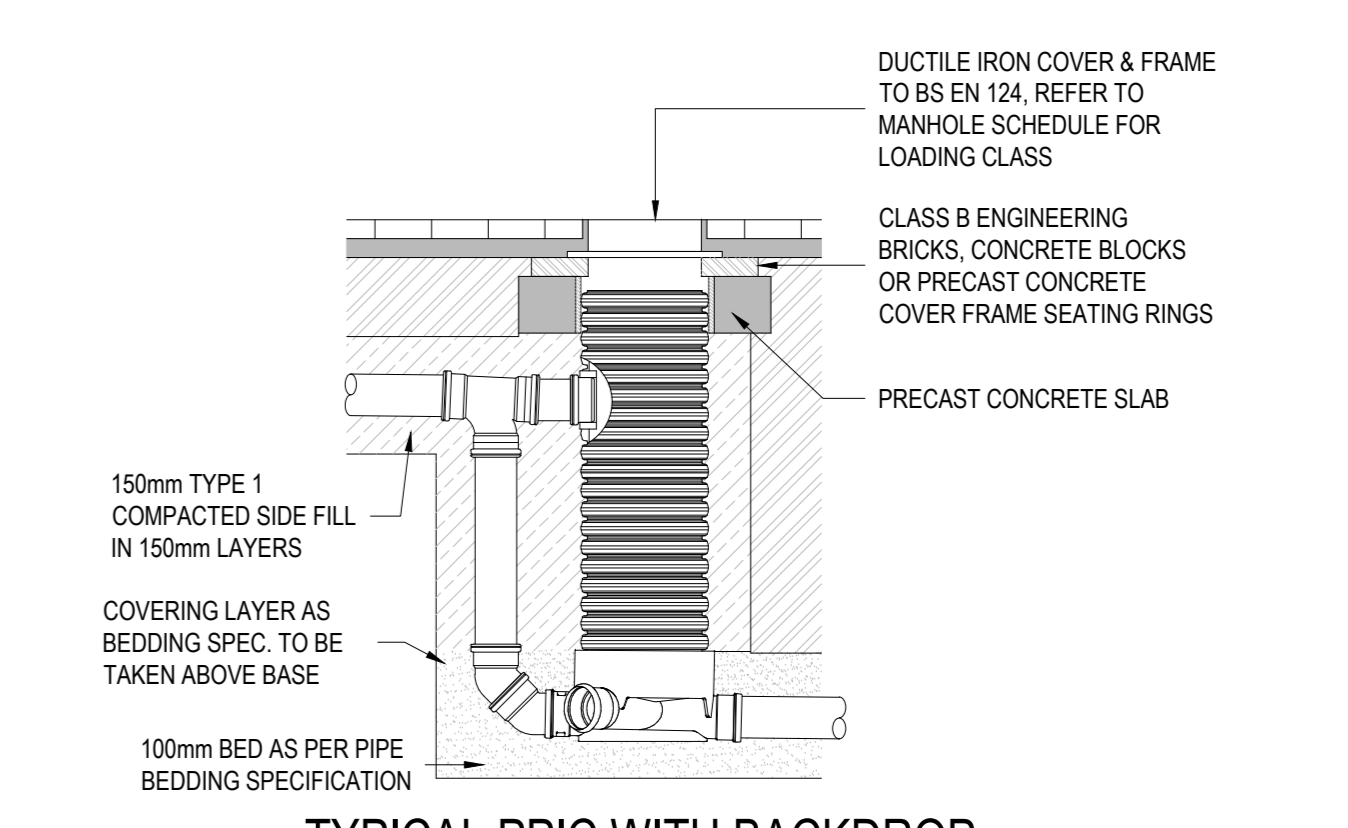
Nominal diameter (mm)	MAXIMUM EFFECTIVE LENGTH (m)
150 - 600	0.6
601 - 750	1.00
OVER 750	1.25

ALL PIPES ENTERING THE BOTTOM OF THE MANHOLE TO HAVE SOFFITS LEVEL.

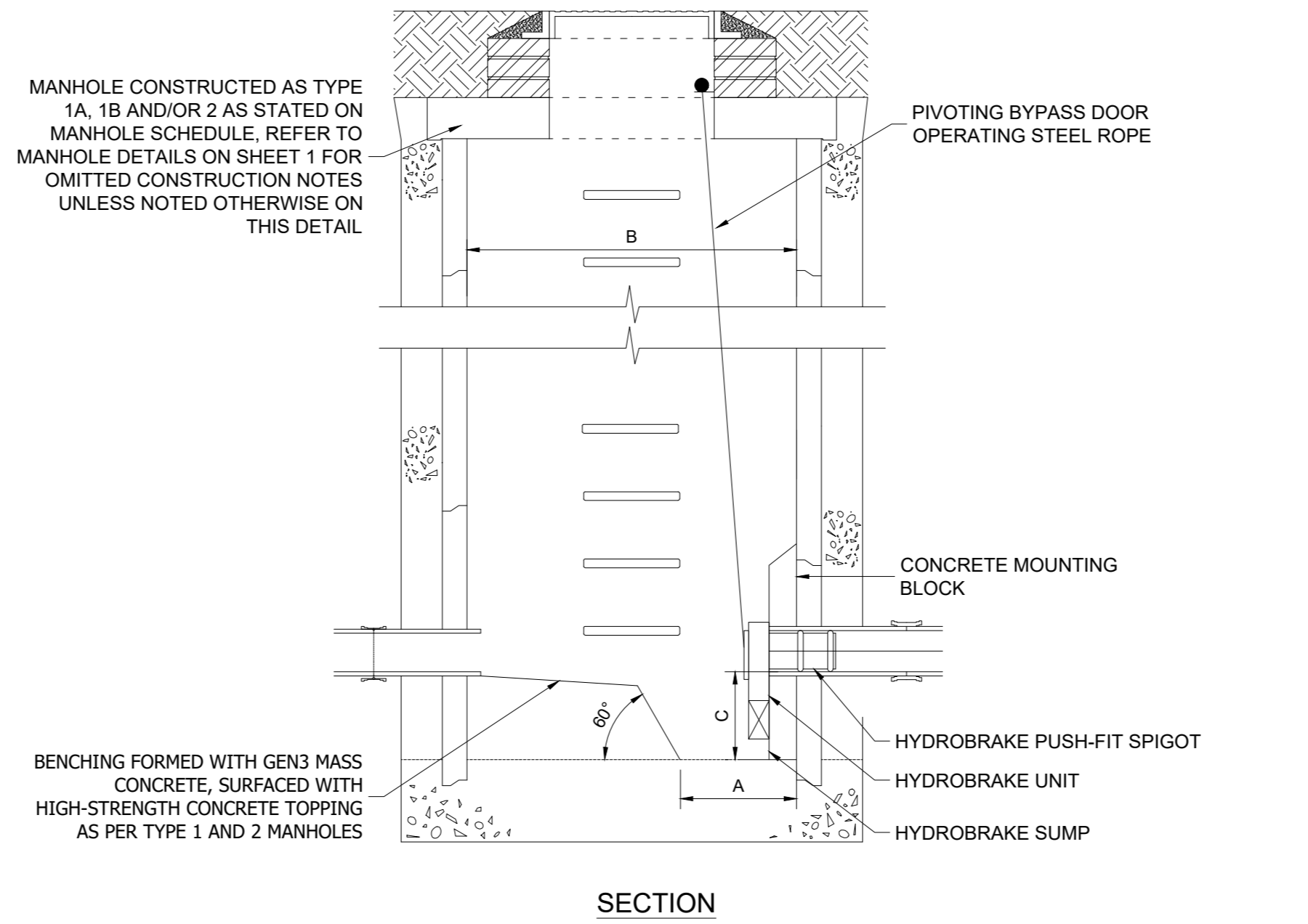
**TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES**  
(SCALE 1:20)



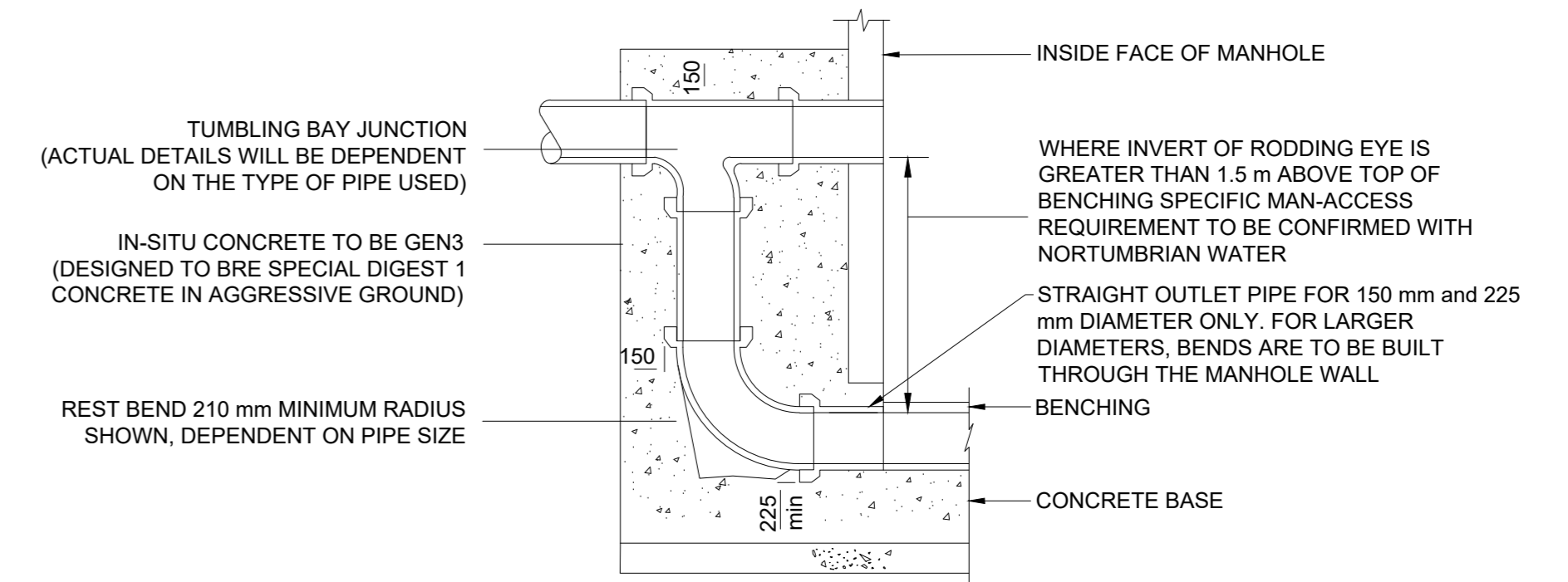
**PPIC INSPECTION CHAMBER**  
SCALE 1:20



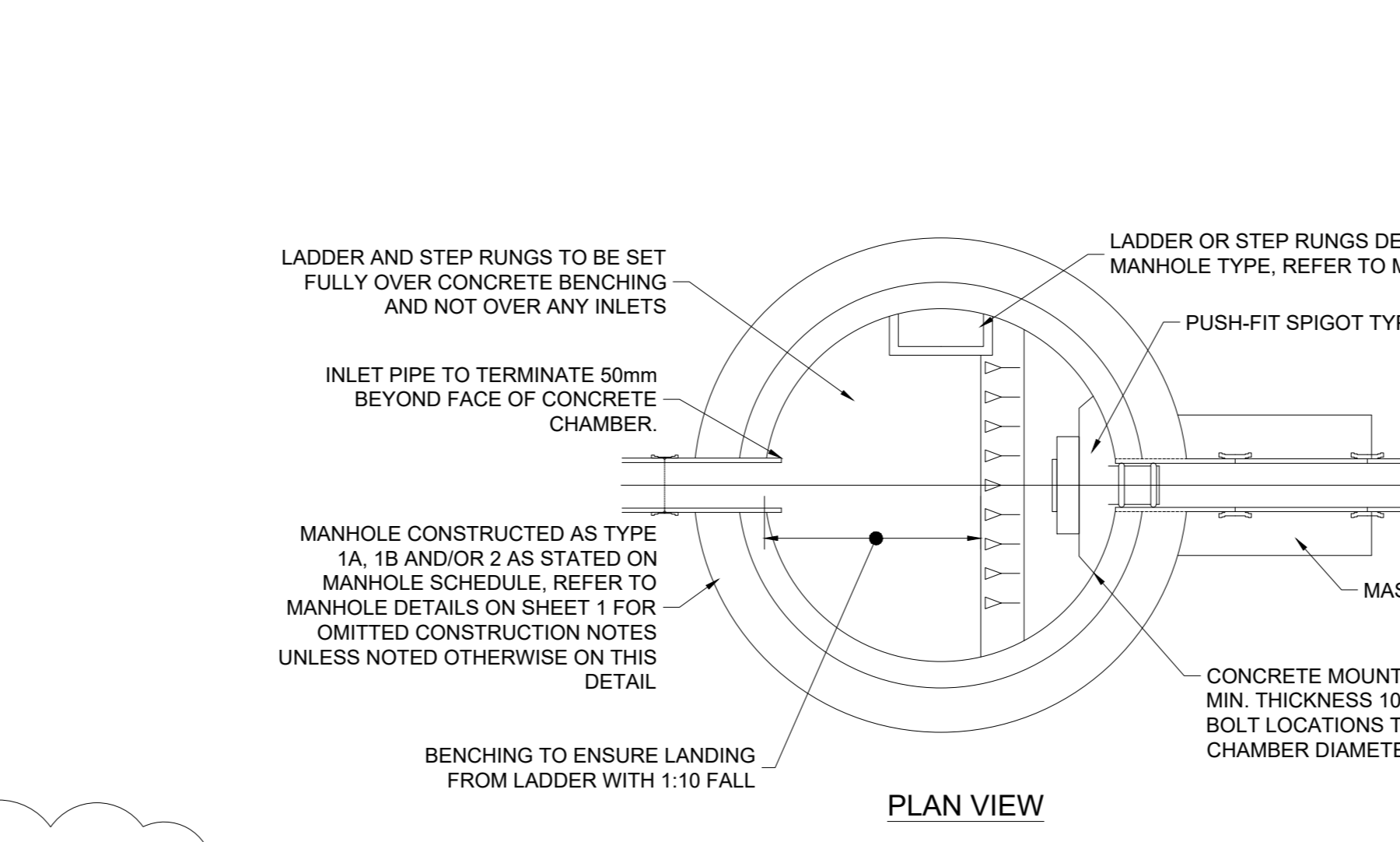
**TYPICAL PPIC WITH BACKDROP**  
(PRODUCT BY WAVIN OR SIMILAR SUPPLIER)  
SCALE 1:20



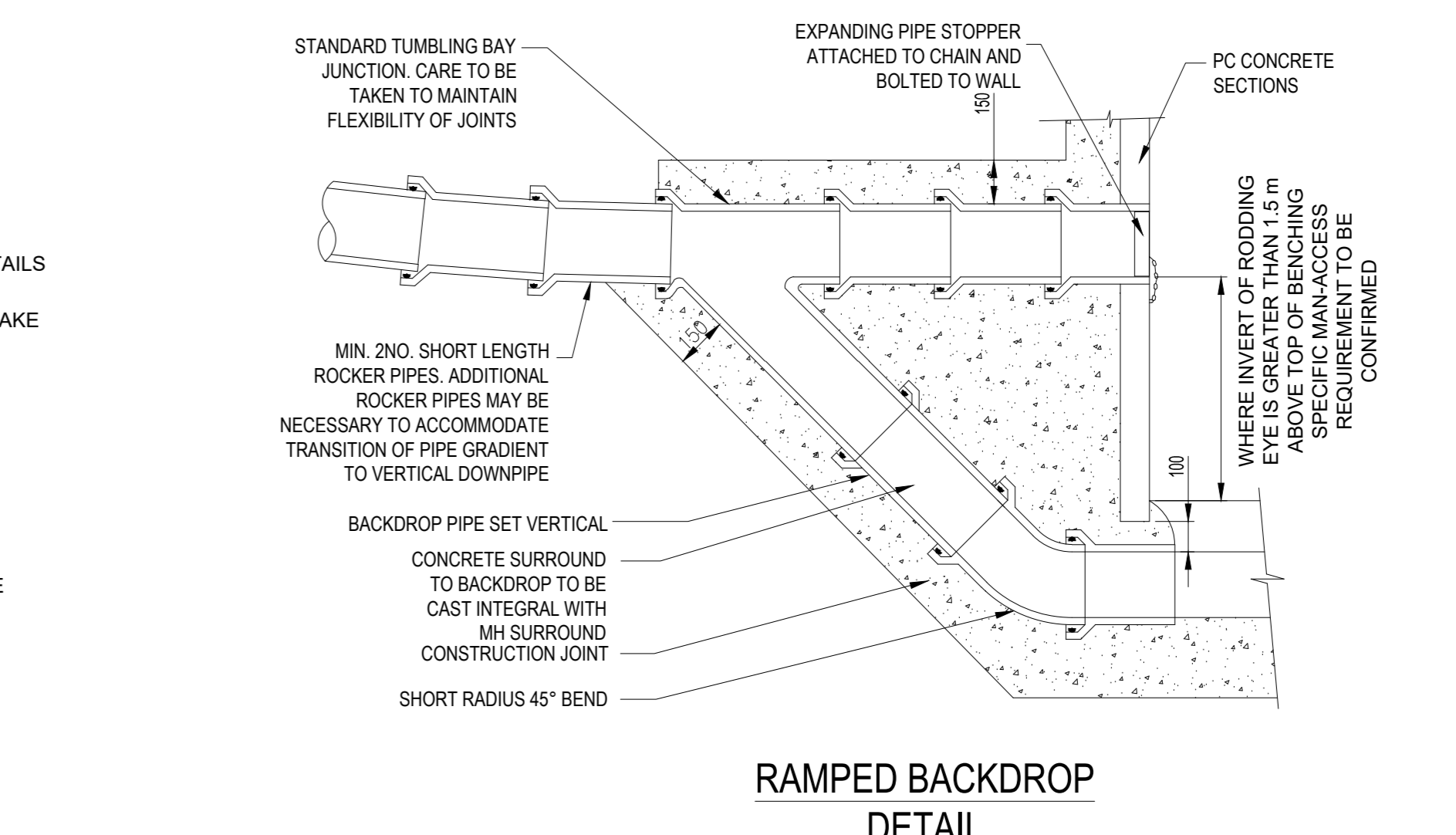
SECTION



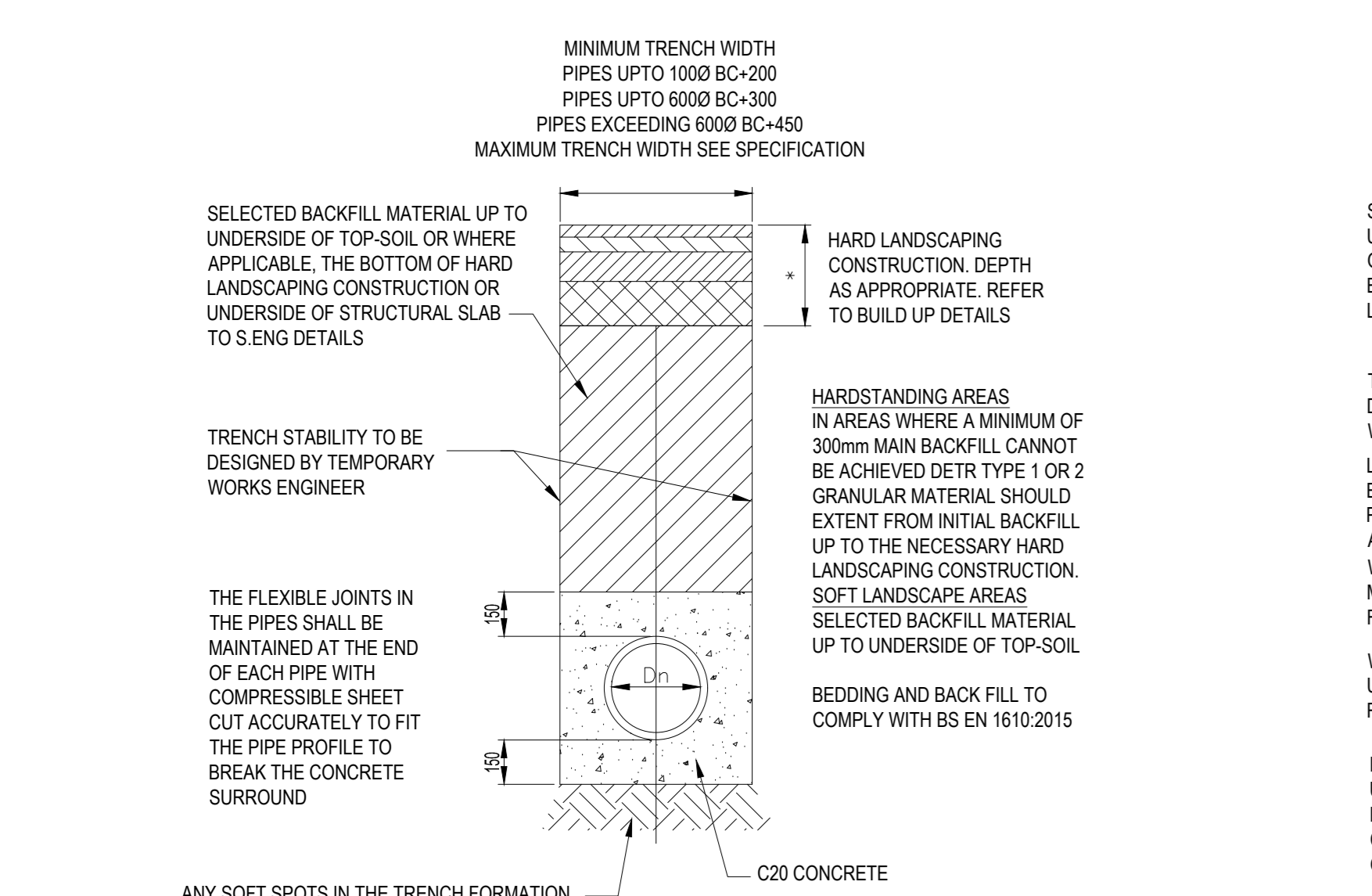
**VERTICAL BACKDROP DETAIL**  
(SCALE 1:20)



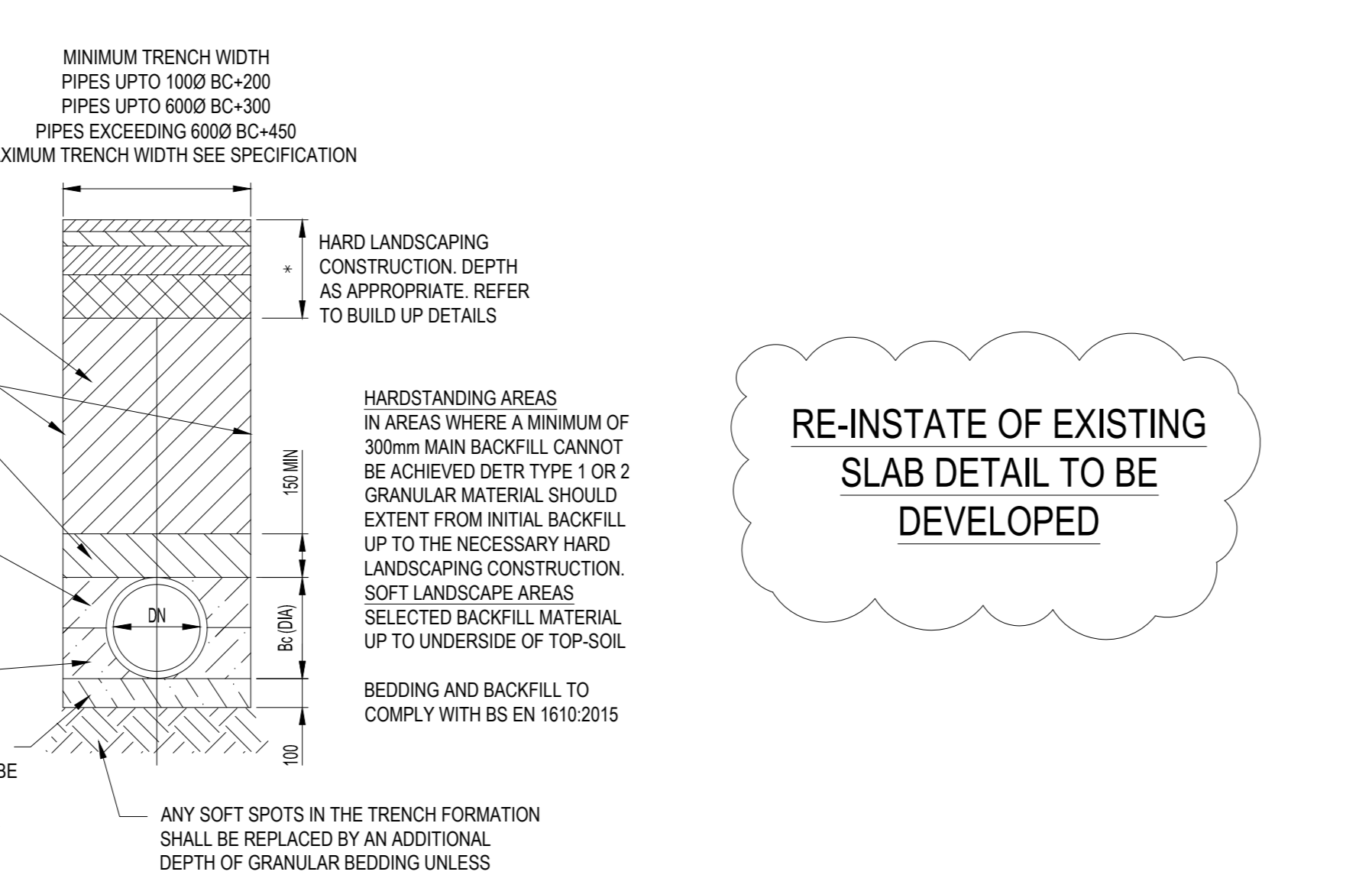
**FLOW CONTROL MANHOLE DETAIL (HYDROBRAKE)**  
(SCALE 1:20)



**RAMPED BACKDROP DETAIL**  
(SCALE 1:20)

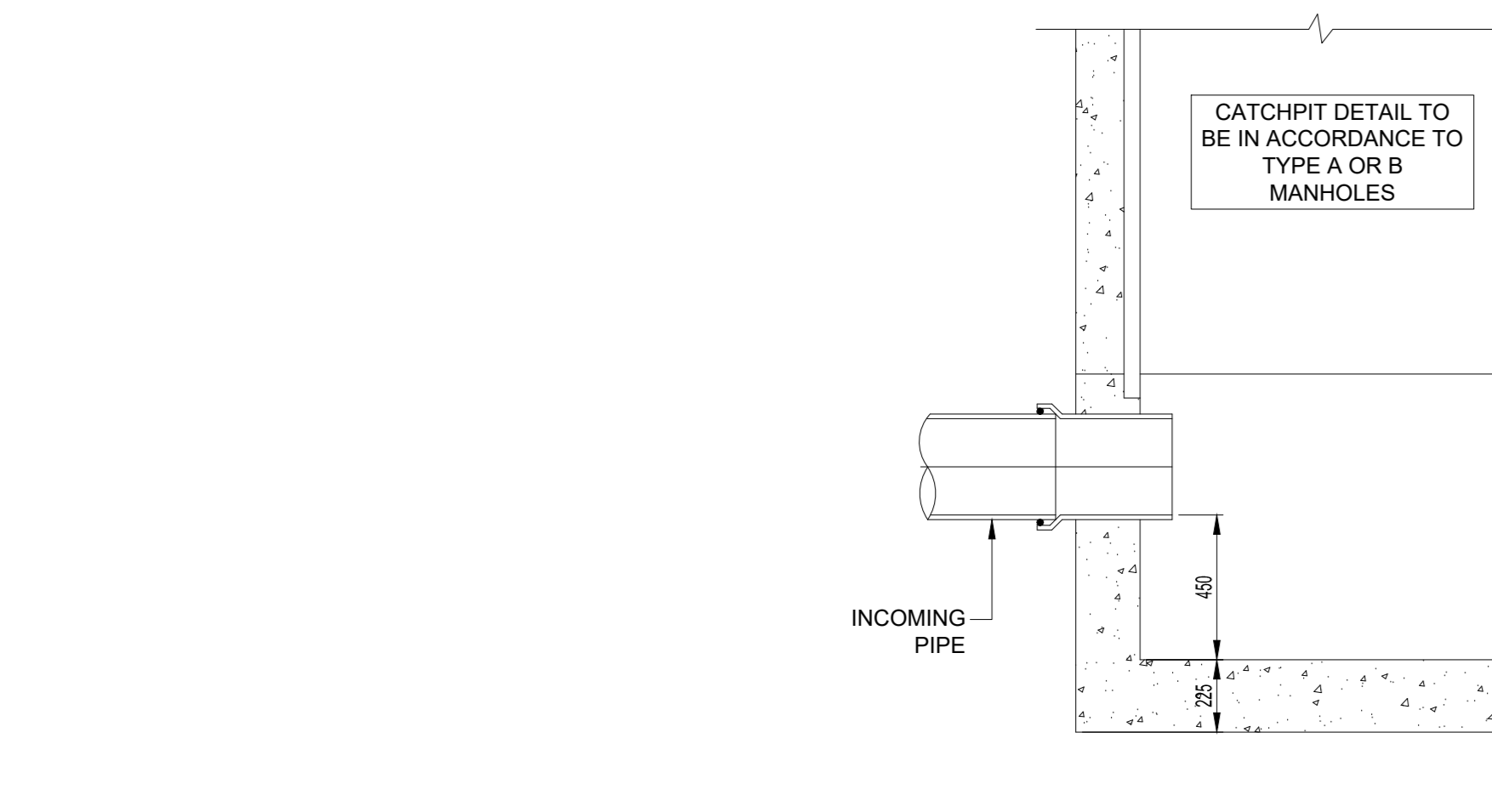


**CLASS Z CONCRETE BED AND SURROUND PIPE BEDDING DETAIL**  
(SCALE 1:20)

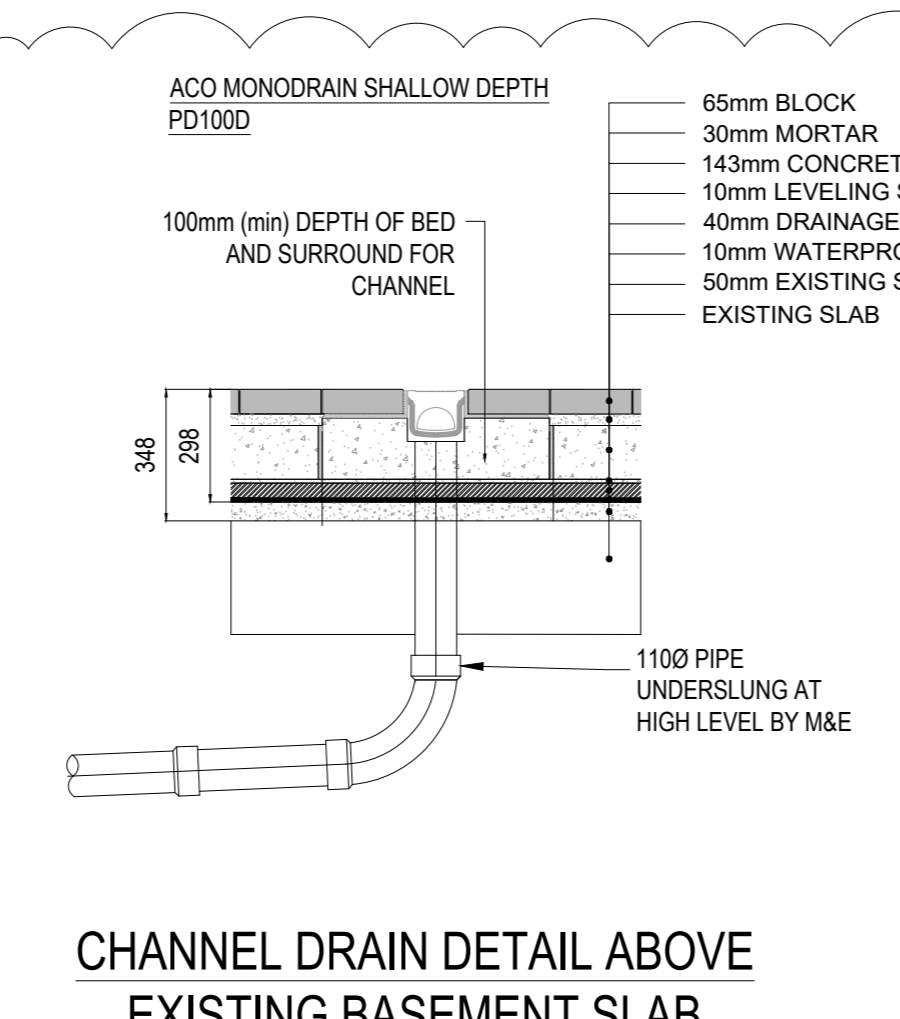


**CLASS S 360° GRANULAR SURROUND PIPE BEDDING DETAIL**  
(SCALE 1:20)

**RE-INSTATE OF EXISTING SLAB DETAIL TO BE DEVELOPED**



**CATCHPIT MANHOLE DETAIL**  
(SCALE 1:20)



**CHANNEL DRAIN DETAIL ABOVE EXISTING BASEMENT SLAB**  
(SCALE 1:20)

REV	DESCRIPTION	DATE	BY	CHECKED
R02	SHEET 1 CREATED	05/02/24	JC	JS
R01	INITIAL ISSUE	11/12/23	RR	DT



**SUITABLE FOR AUTHORIZATION** S4

**OUR CULTURAL HEART, HUDDERSFIELD**

**TYPICAL DRAINAGE DETAILS (SHEET 1)**

Drawn By	Designed By	Checked By
RR	RR	RR
Date	11/12/23	Scales @ A4 AS SHOWN

Project No - Originator - Function - Spatial - Form - Discipline - Number - Revision  
IR403001 - CUR - XX - XX - DR - C - 925001 P02