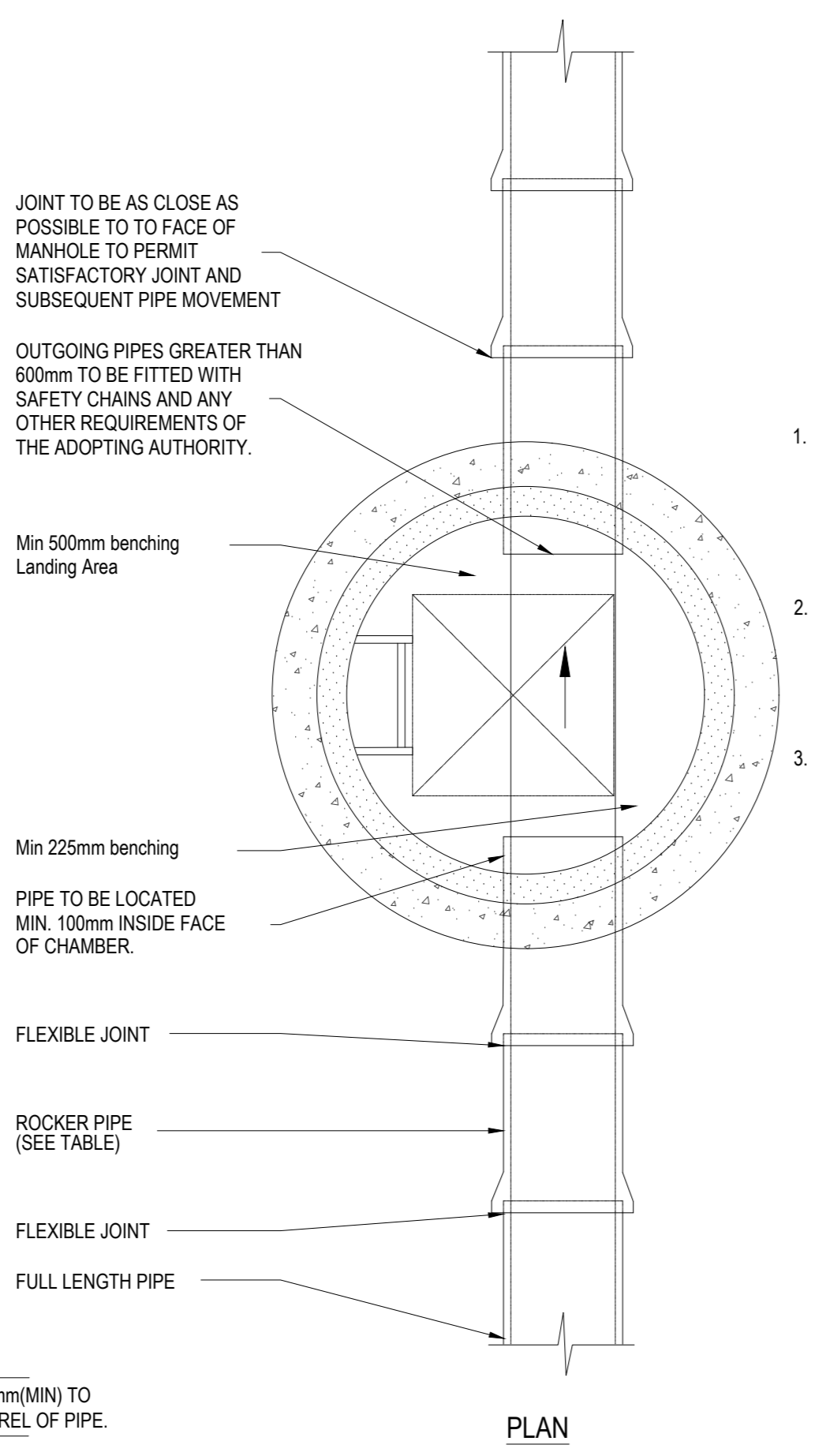
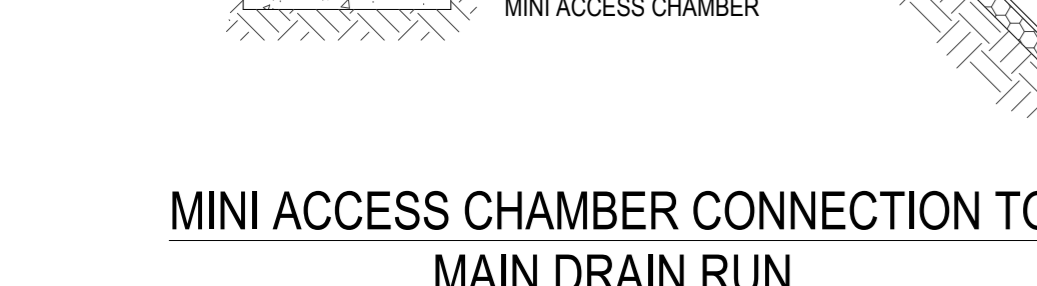
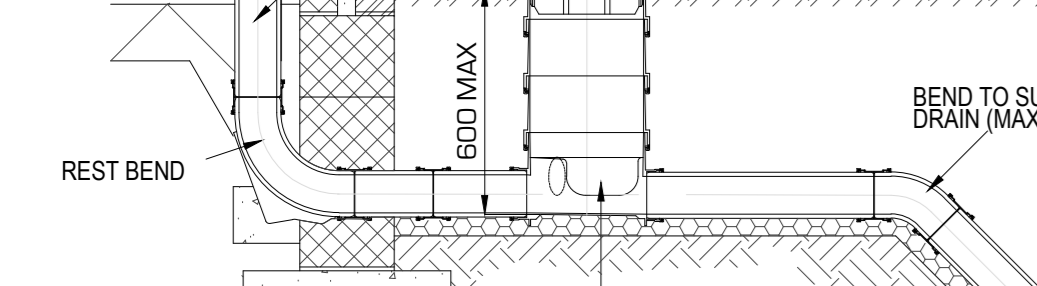
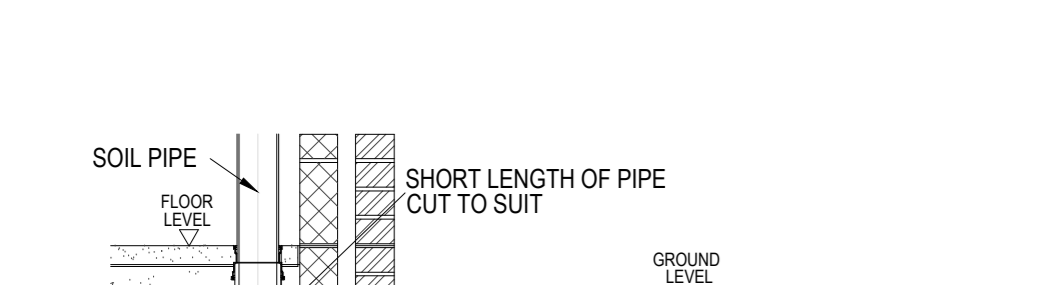
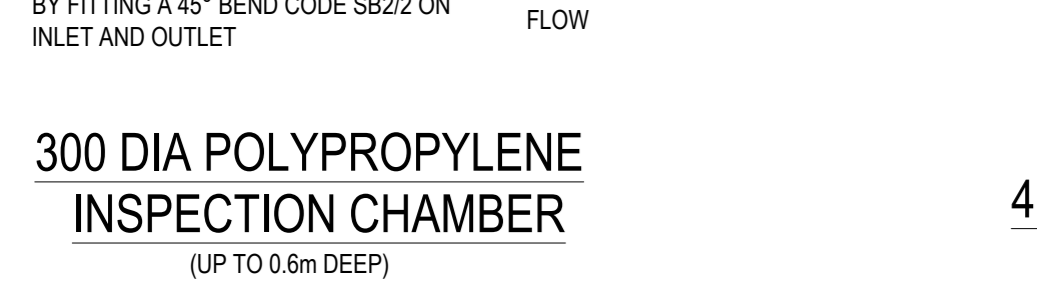
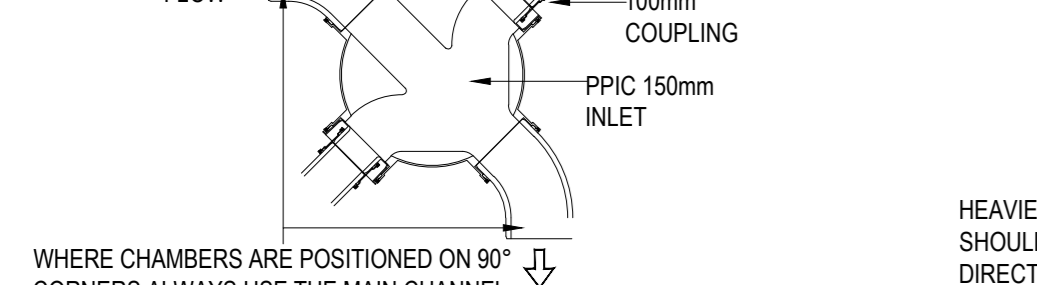
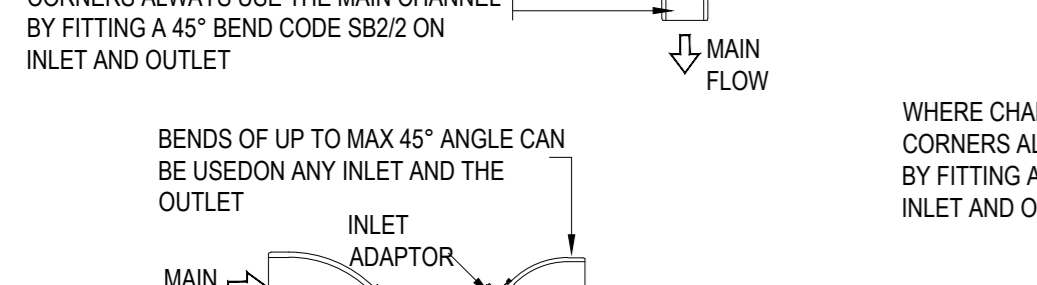
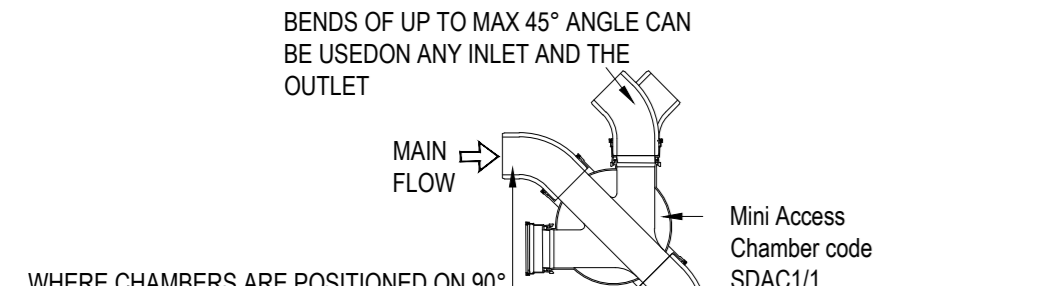
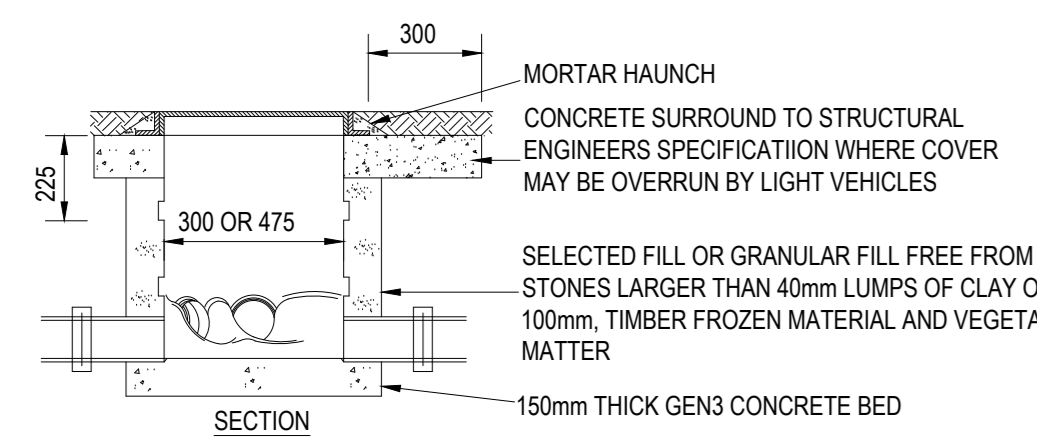


**TYPICAL MANHOLE DETAIL - TYPE A**  
DEPTH TO SOFFIT OF PIPE 3000 TO 6000

DIA. OF LARGEST PIPE IN M.H.	CHAMBER SECTION INT. DIA. (mm)
LESS THAN 375mm	1200
375 TO 750	1500
750 TO 900	1800
GREATER THAN 900	CONSULT UNDERTAKER

**TABLE APPLICABLE TO MANHOLE TYPE A**  
(CHAMBER SIZES ARE MINIMUM REQUIRED, SEE LAYOUT FOR VARIATIONS, IF ANY)



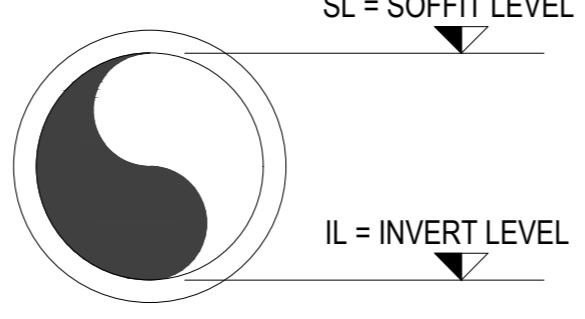
**CLASS S BEDDING**

NOMINAL SIZE OF PIPE DN(mm)	RECOMMENDED OVERALL TRENCH WIDTH Bd(m)	PIPE BEDDING REQUIREMENT (mm)
150	0.60	10 OR 14 NOM. SINGLE SIZE OR 14 TO 5 GRADED
225	0.70	10, 14 OR 20 NOM. SINGLE SIZE OR 14 TO 5 GRADED OR 20 TO 5 GRADED
300	0.85	10, 14 OR 20 NOM. SINGLE SIZE OR 14 TO 5 GRADED

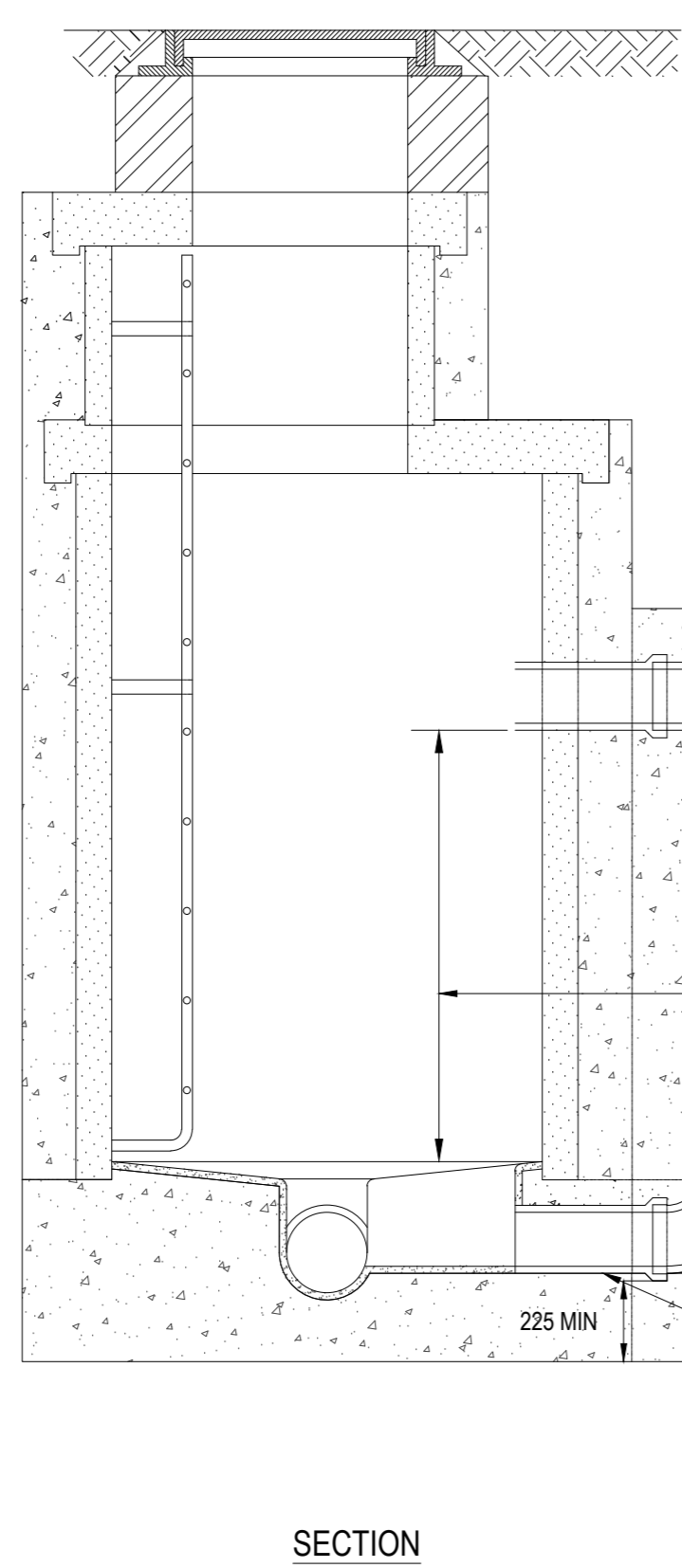
Bd IS THE TRENCH WIDTH AT THE CROWN OF THE PIPE

**CLASS Z BEDDING**

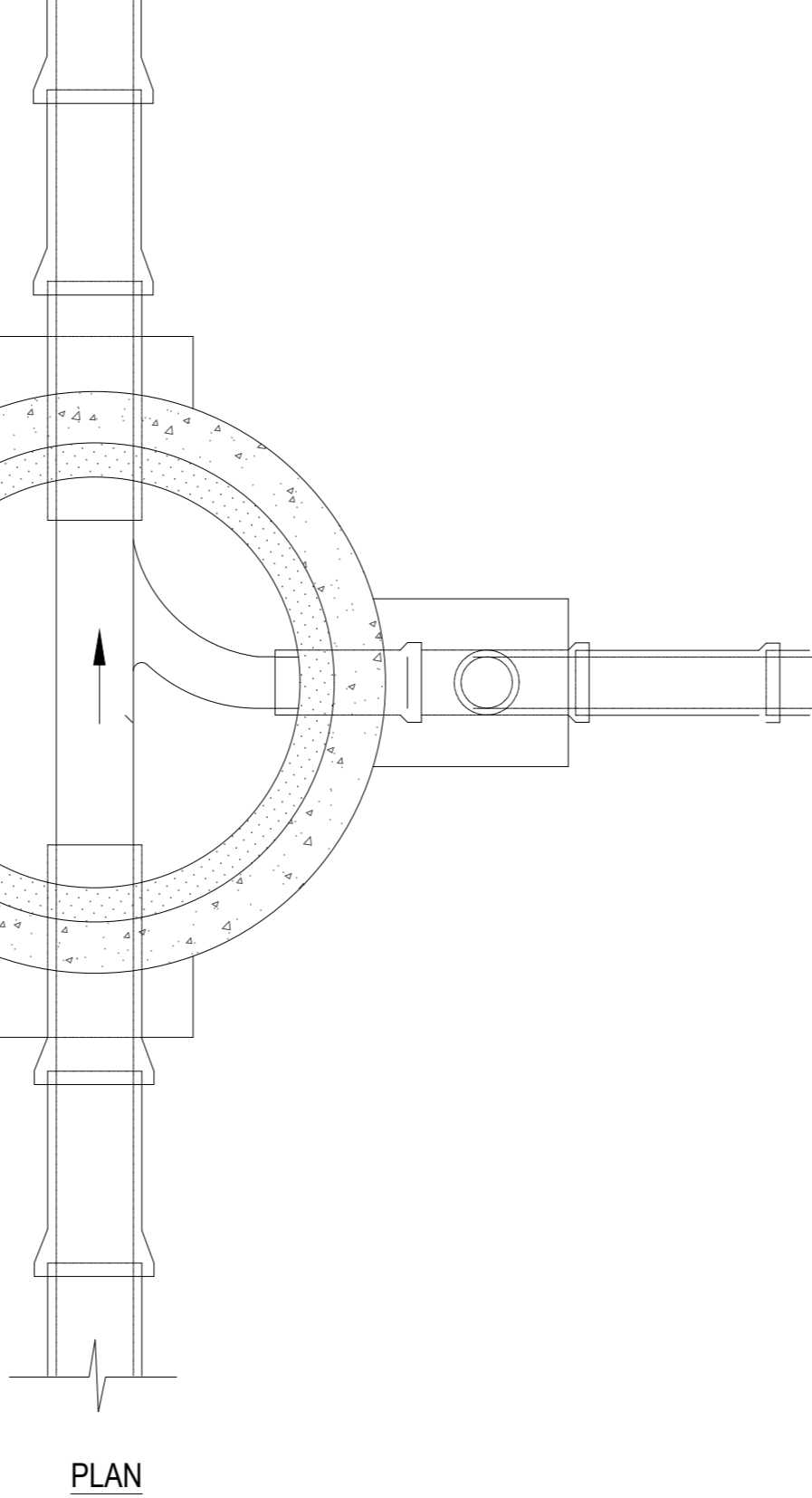
- THIS DIMENSION TO BE 16 Bc OR 150mm WHICHEVER IS THE GREATER, OR IN THE CASE OF ROCK, OR WHERE IRREGULAR HARD SPOTS MAY OCCUR, THE DIMENSION IS TO BE 14 Bc OR 200mm WHICHEVER IS THE GREATER, BUT IN ANY CASE NOT LESS THAN 50mm UNDER THE SOCKETS.
- PIPELINE FLEXIBILITY IS TO BE RETAINED BY INTERRUPTING THE CONCRETE SURROUND OVER ITS FULL CROSS SECTION AT EVERY JOINT, BY A COMPRESSIBLE FILLER WHICH IS TO COMBIDE WITH PIPE JOINTS.
- WHERE PIPELINES RUN UNDER PAVED/TRAFFICKED AREAS, BACKFILL TO THE TRENCH TO BE D.O.1 TYPE 1 SUB-BASE, CONSOLIDATED IN 150mm LAYERS UP TO THE UNDERSIDE OF THE PAVEMENT CONSTRUCTION.



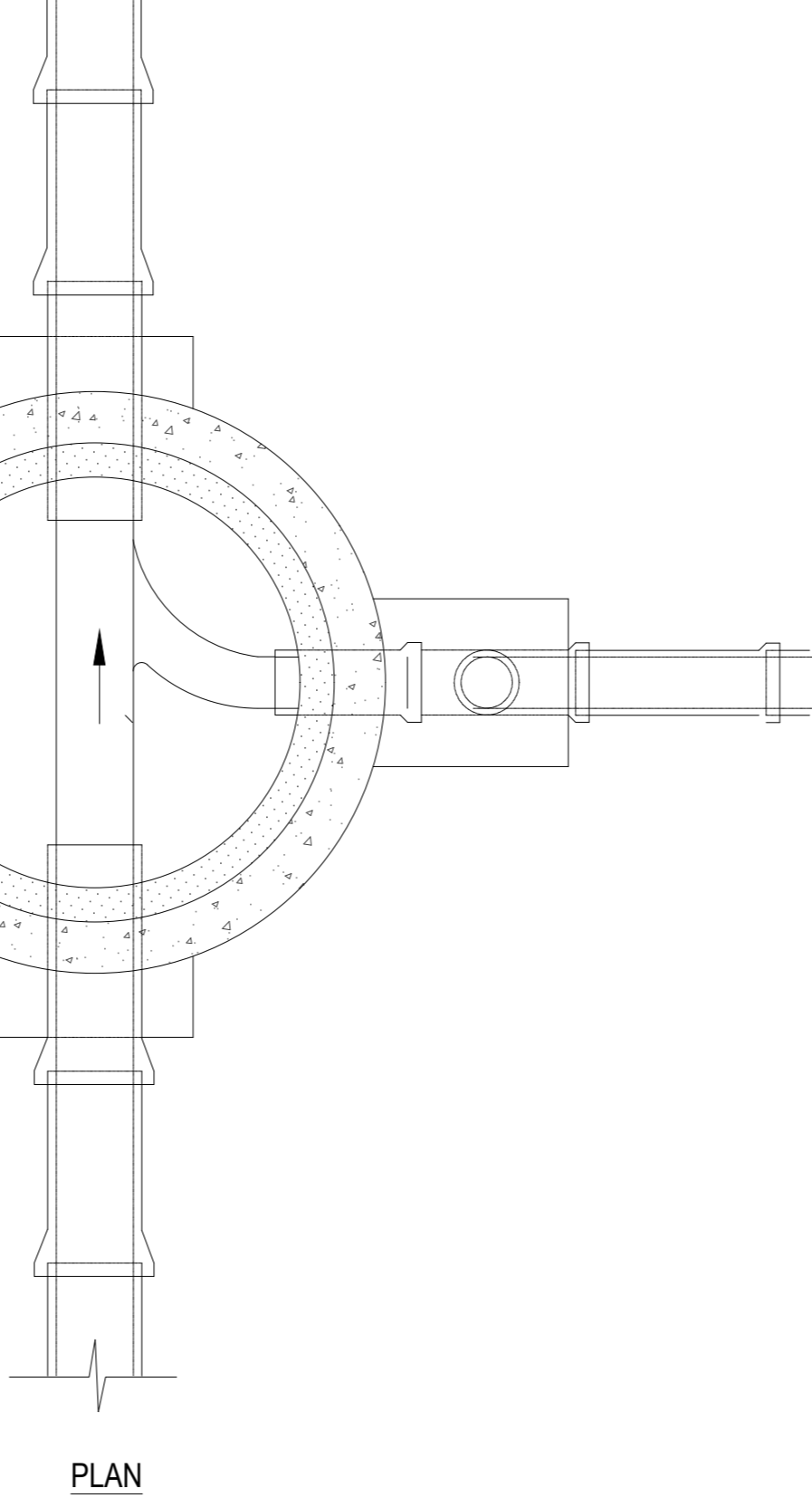
**DRAIN LEVEL KEY**



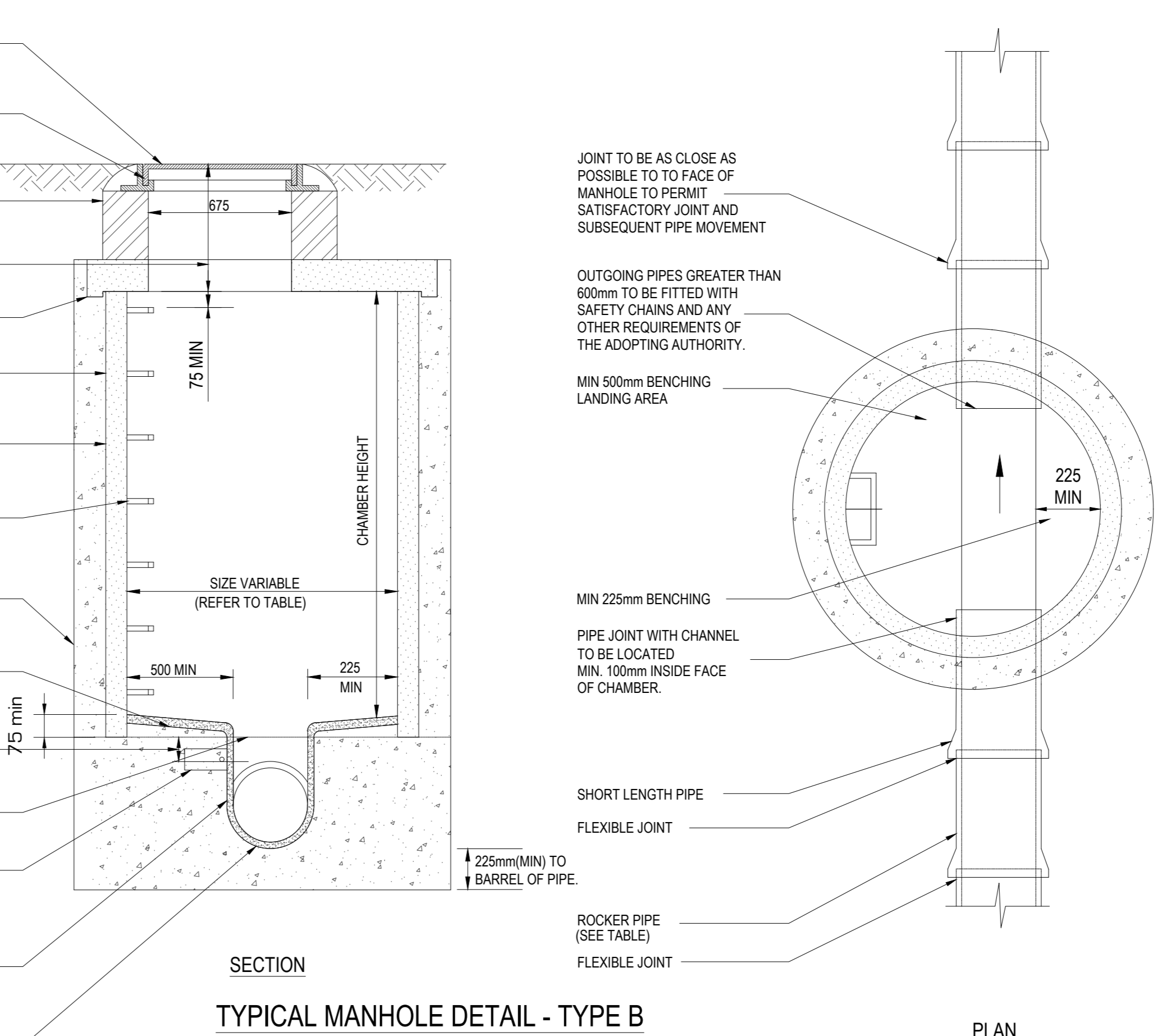
**TYPICAL VERTICAL BACKDROP MANHOLE DETAIL**



**TYPICAL SURFACE WATER FLOW CONTROL DETAIL - SECTION B-B**



**TYPICAL SURFACE WATER FLOW CONTROL DETAIL - SECTION A-A**



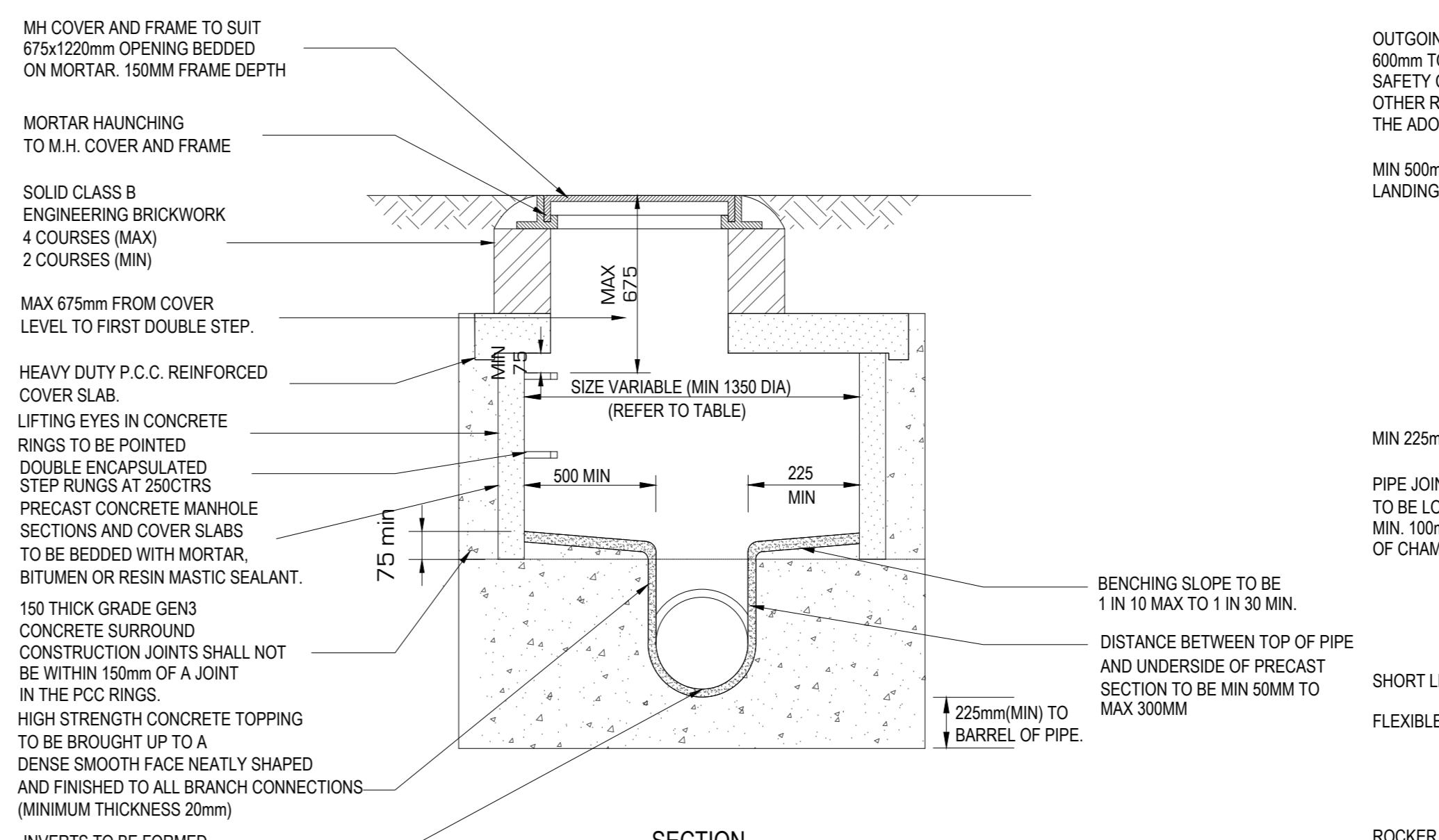
**TYPICAL MANHOLE DETAIL - TYPE B**  
DEPTH TO SOFFIT OF PIPE TO 3000

DIA. OF LARGEST PIPE IN M.H.	CHAMBER SECTION INT. DIA. (mm)
LESS THAN 375mm	1200
375 TO 750	1500
750 TO 900	1800
GREATER THAN 900	CONSULT UNDERTAKER

**TABLE APPLICABLE TO MANHOLE TYPE B**  
(CHAMBER SIZES ARE MINIMUM REQUIRED, SEE LAYOUT FOR VARIATIONS, IF ANY)

NOMINAL SIZE	EFFECTIVE LENGTH (mm)
150 TO 600	600
601 TO 750	1000
750 AND ABOVE	1250

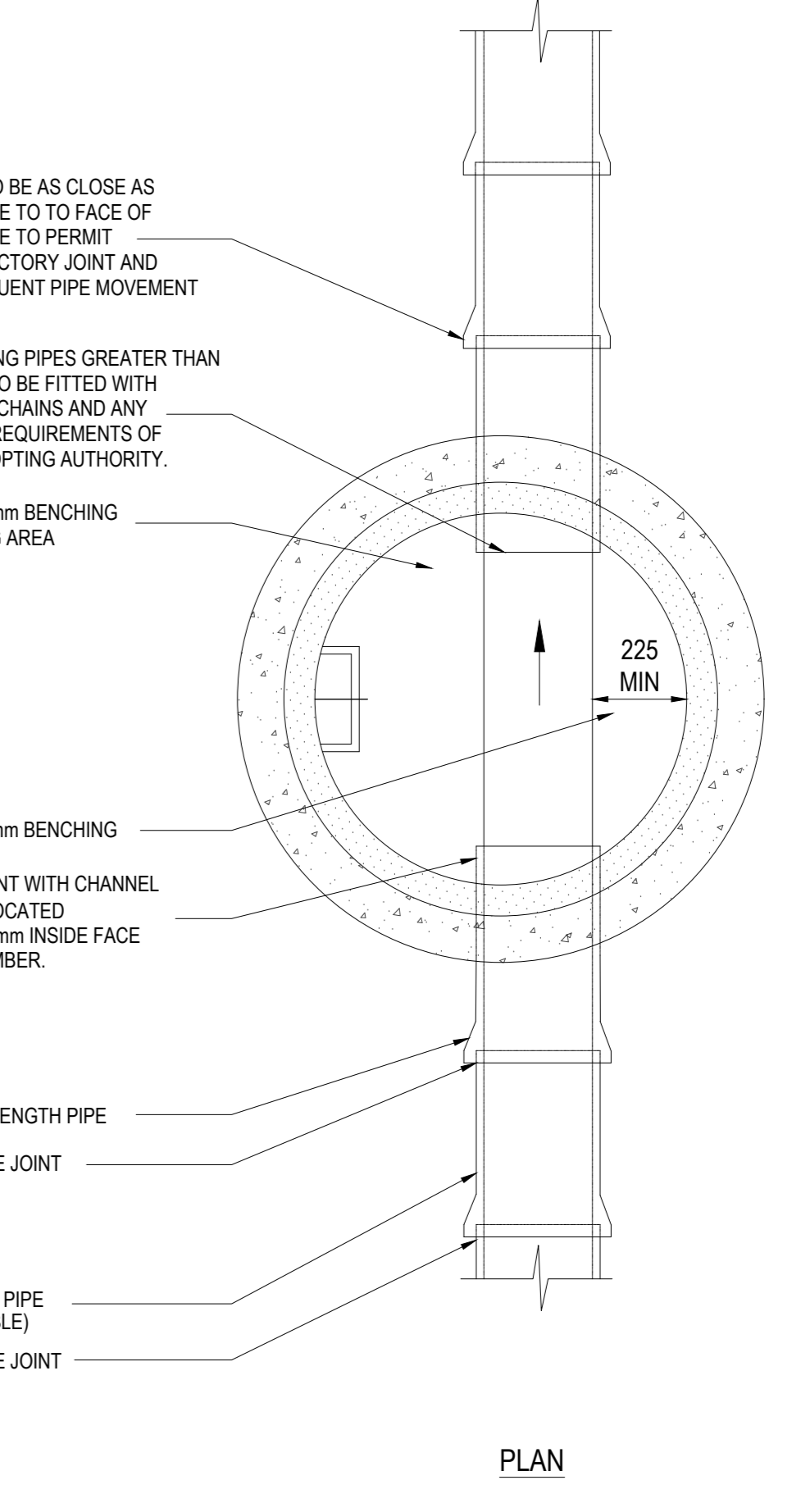
**SHORT AND ROCKER PIPE LENGTHS TABLE**  
APPLICABLE TO ALL MANHOLE TYPES



**TYPICAL MANHOLE DETAIL - TYPE B1**  
DEPTH TO SOFFIT OF PIPE <1500

NOMINAL SIZE	EFFECTIVE LENGTH (mm)
150 TO 600	600
601 TO 750	1000
750 AND ABOVE	1250

**SHORT AND ROCKER PIPE LENGTHS TABLE**  
APPLICABLE TO ALL MANHOLE TYPES



**SUBJECT TO LOCAL AUTHORITY, LLFA & NWL APPROVAL**

0000022 - FIRST ISSUE		Rev	By	Check	Date
Date	Revisions	Rev	By	Check	Date
<b>SCHEMATIC</b>					
<b>RWO</b>					
CONSULTING ENGINEERS					
www.rwo.co.uk					
0113 333393					
Client: AMETHYST HOMES					
Project: REGENTS PARK, PHASE 6					
Title: DRAINAGE CONSTRUCTION DETAILS					
Drawn	Scale	Check	Rev	Checked	Date
21134	A0	D701	1		05.02.24