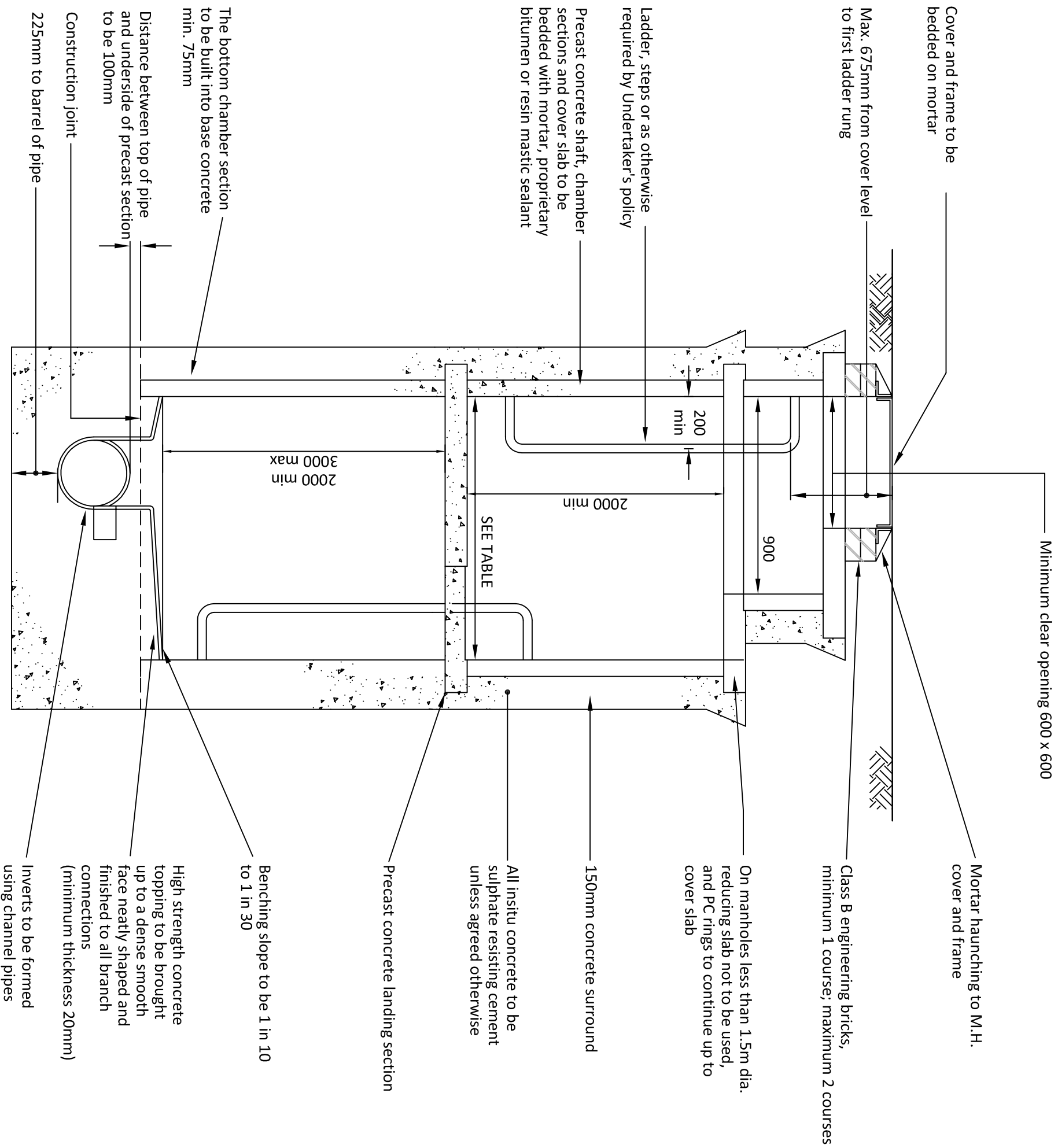


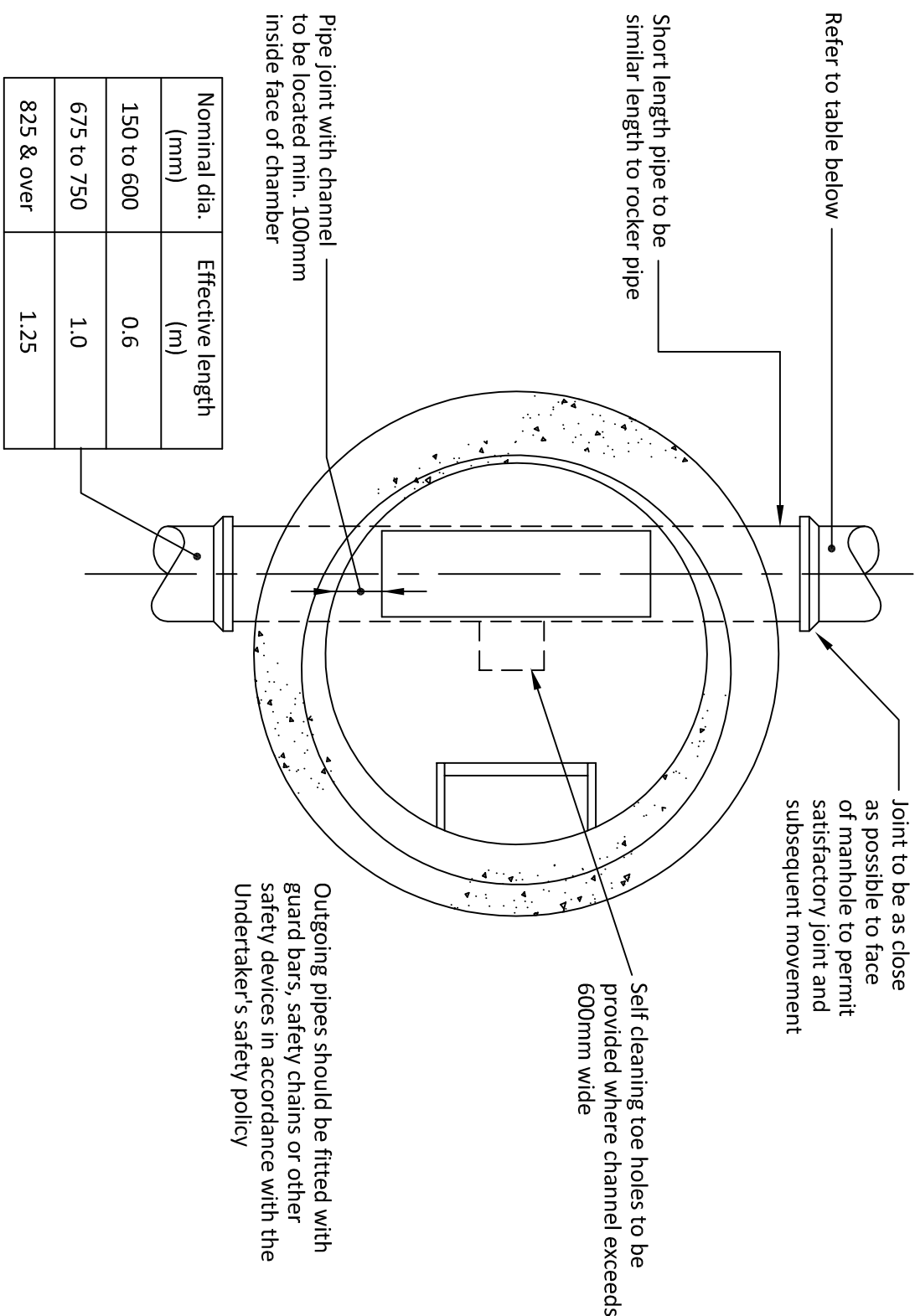
Notes:

1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the architect & Engineer for confirmation. All dimensions are to be taken from this drawing.
2. This drawing is to be read in conjunction with all relevant Engineers' and Services Engineers' drawings and specifications.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
IN ADDITION TO THE DATES/REV'S NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILLED ON THIS DRAWING, NOTE THE FOLLOWING:	
CONSTRUCTION	
MAINTENANCE / CLEANING	
DECOMMISSIONING / DEMOLITION	
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT	

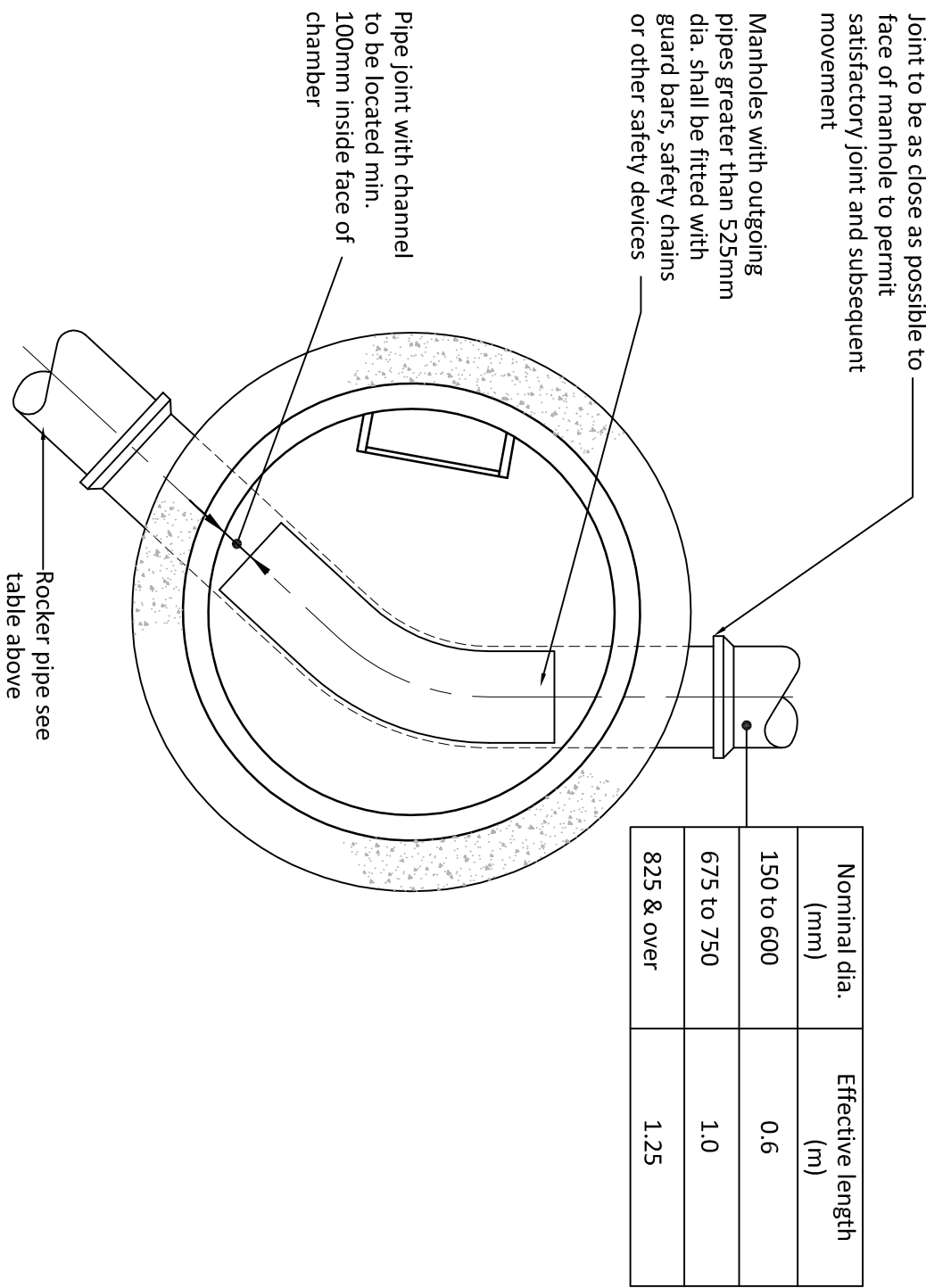
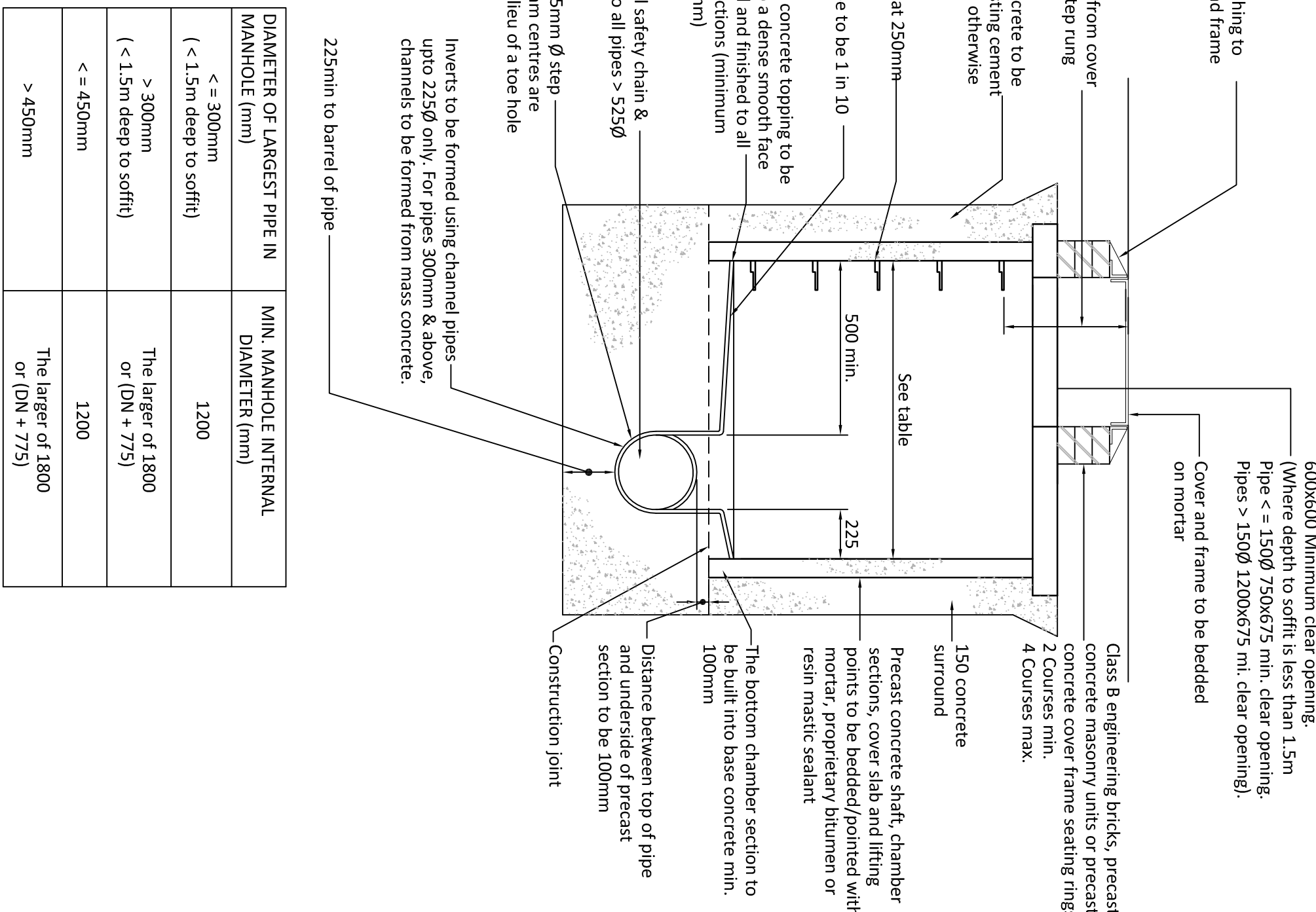


DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375mm	1200 (1050 where the depth to soffit is 350mm - 1350)
375 - 450	1350
500 - 700	1500
750 - 900	1800



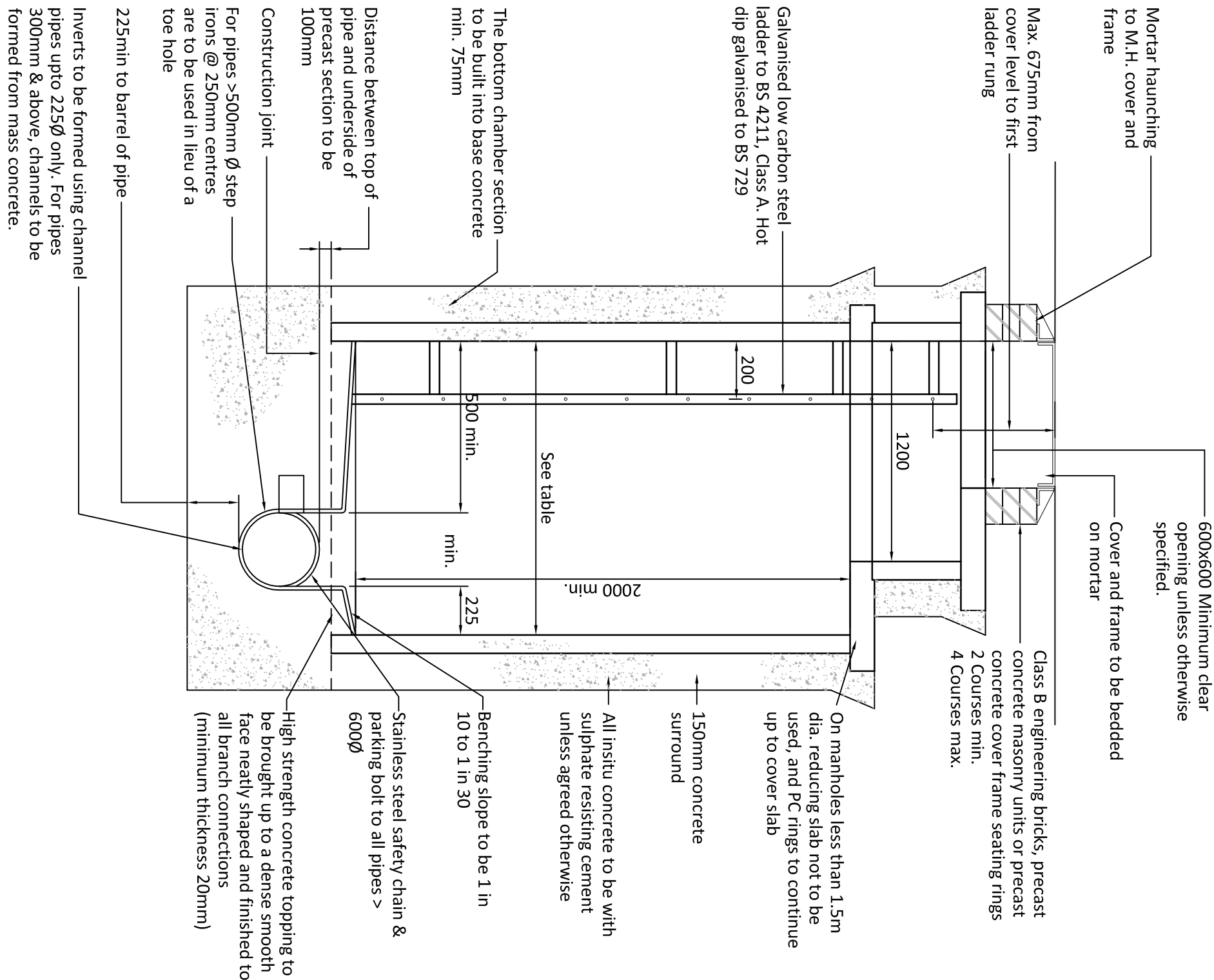
TYPICAL MANHOLE DETAIL TYPE A1

DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 6m TO 7m



TYPICAL MANHOLE DETAIL TYPE B (E/F) DEPTH TO SOFFIT OF PIPE 1.5m * TO 3.0m

NOTE: P.C.C CHAMBER RINGS USED FOR MANHOLES LESS THAN 1500 TO SOFFIT WITHIN HIGHWAYS FOR LOAD CLASS D400 SHALL BE 600x600 CLEAR OPENING. ALL MAINTENANCE SHALL BE CARRIED OUT FROM THE SURFACE. NO STEP RUNGS SHALL BE PROVIDED. THE COVER OPENING SHALL BE LOCATED OVER THE OUTGOING PIPE.



Nominal dia. (mm)	Effective length (m)
150 to 600	0.6
675 to 750	1.0
825 & over	1.25

TYPICAL MANHOLE DETAIL TYPE A

DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3m TO 6m
FOR PIPES <= 450Ø A TYPE B MANHOLE SHALL BE USED

Rev	Date	Description	By	Chk
T1	22.08.14	ISSUED FOR TENDER	RB	JH
Architect:				
MICHAEL SPARKS ASSOCIATES				
Client:				
Hydrack Hydrack Consultants Ltd 239 Ashby Road Walsby, Lincolnshire T: 448 (0)1522 30106 www.hydrack.com				
Project Title:				
OLDLANDS FARM, BOGNOR REGIS				
Drawing Title:				
DRAINAGE AND EXTERNAL WORKS DETAILS (Sheet 1 of 4)				
Drawing Status:				
TENDER				
Hydrack Job No:				
C14443				
Drawn	Checked	Scale @ A1	Date	Issue Date
RWB	JH	.	07.08.14	22.08.14
Drawing Number:	216	Revision:	T1	