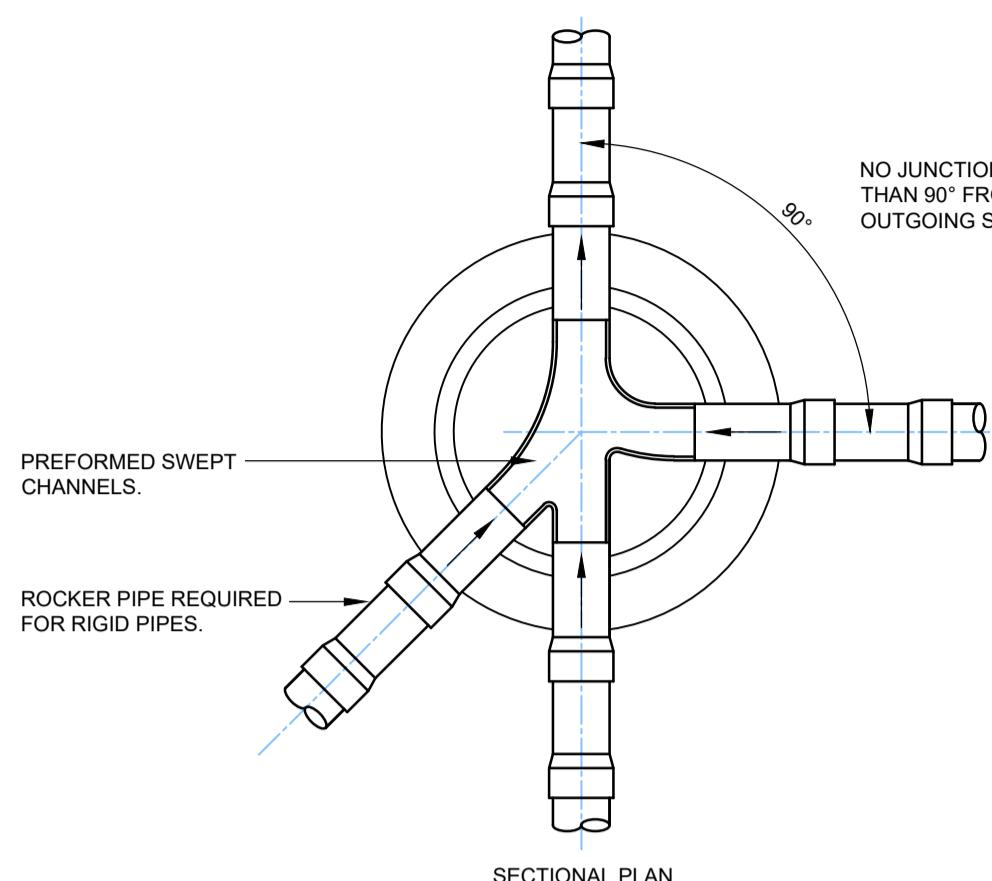


SAFETY AND ENVIRONMENTAL INFORMATION	
IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.	
RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.	
CONSTRUCTION	
DEMOLITION	
NO SIGNIFICANT RESIDUAL HAZARDS BEYOND THOSE KNOWN TO A COMPETENT CONTRACTOR.	
FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE	
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.	



**TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES**

1:20

RIGID PIPES BUILT INTO MANHOLE SHOULD HAVE A FLEXIBLE JOINT AS CLOSE AS FEASIBLE TO THE EXTERNAL FACE OF THE STRUCTURE AND THE LENGTH OF THE NEXT ROCKER PIPE SHOULD BE AS SHOWN

NOMINAL DIAMETER (mm)	MAXIMUM EFFECTIVE LENGTH (mm)
150 - 600	0.6
601 - 750	1.00
OVER 750	1.25

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

QUANTITY OF LARGEST PIPE IN MANHOLE (mm)	MINIMUM INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375 - 450	1350
500 - 700	1500
750 - 900	1600
GREATER THAN 900	PIPE DIAMETER + 900

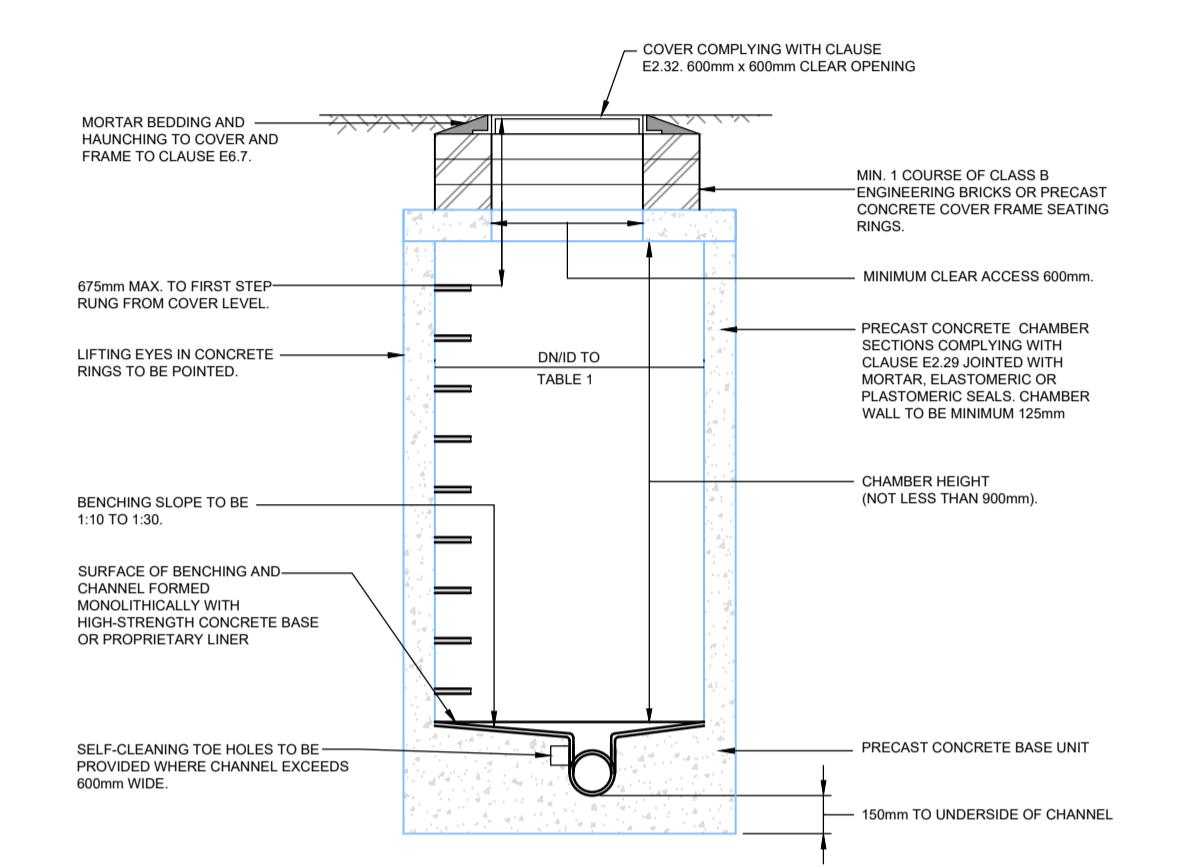
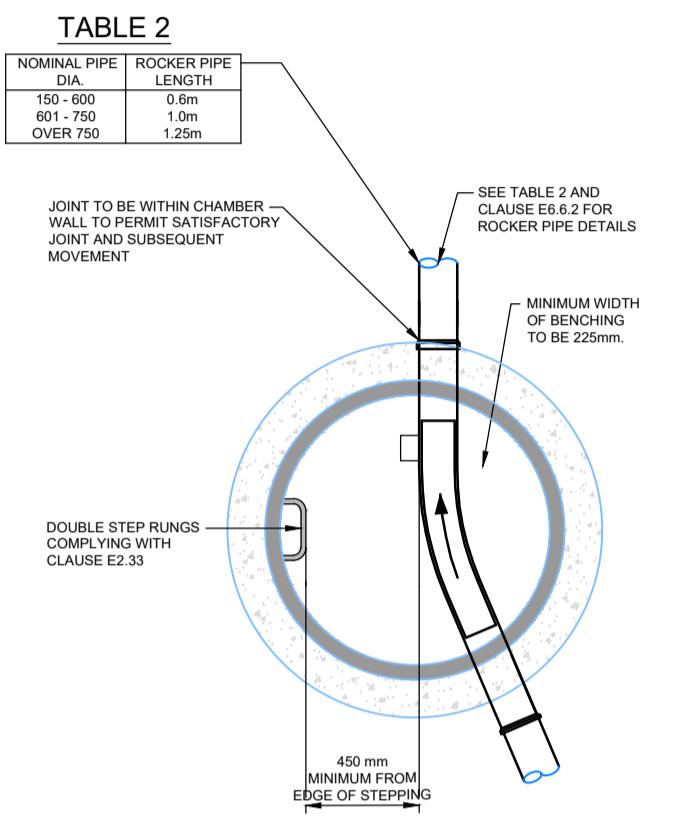
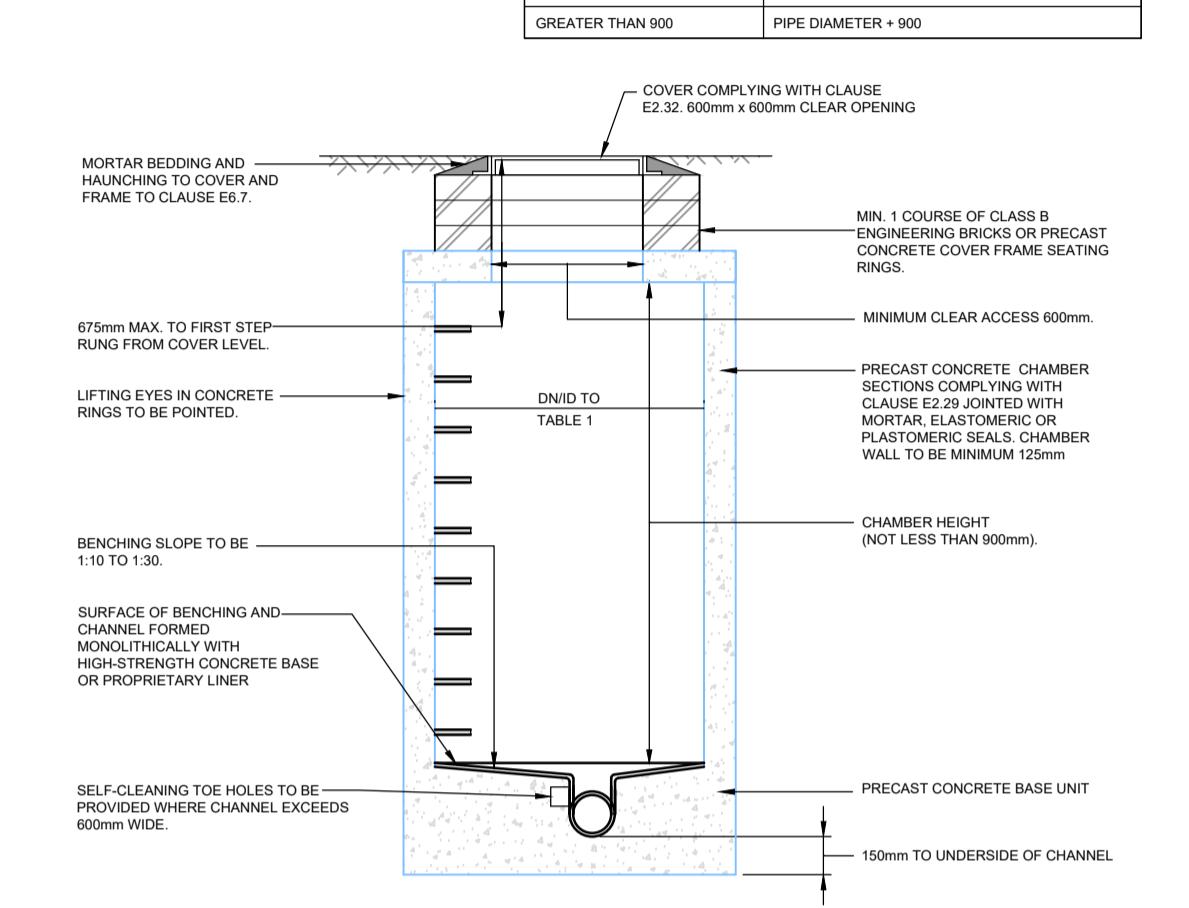


TABLE 1



PLAN

**TYPICAL MANHOLE DETAIL - TYPE B**

1:30

DEPT FROM COVER LEVEL TO SOFFIT OF PIPE 1.5m TO 3m  
RIGID MATERIAL CONSTRUCTION WITHOUT CONCRETE SURROUND

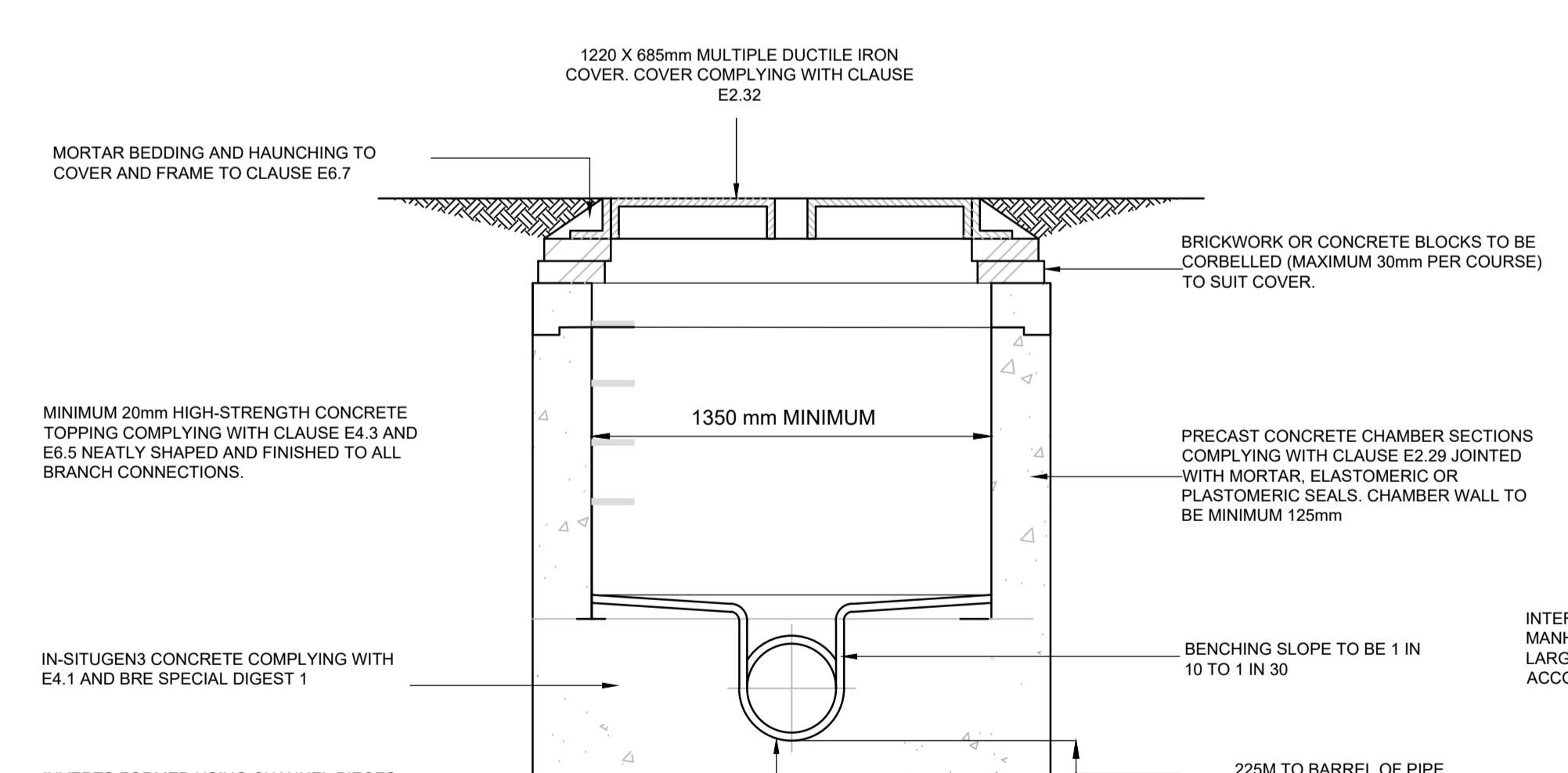
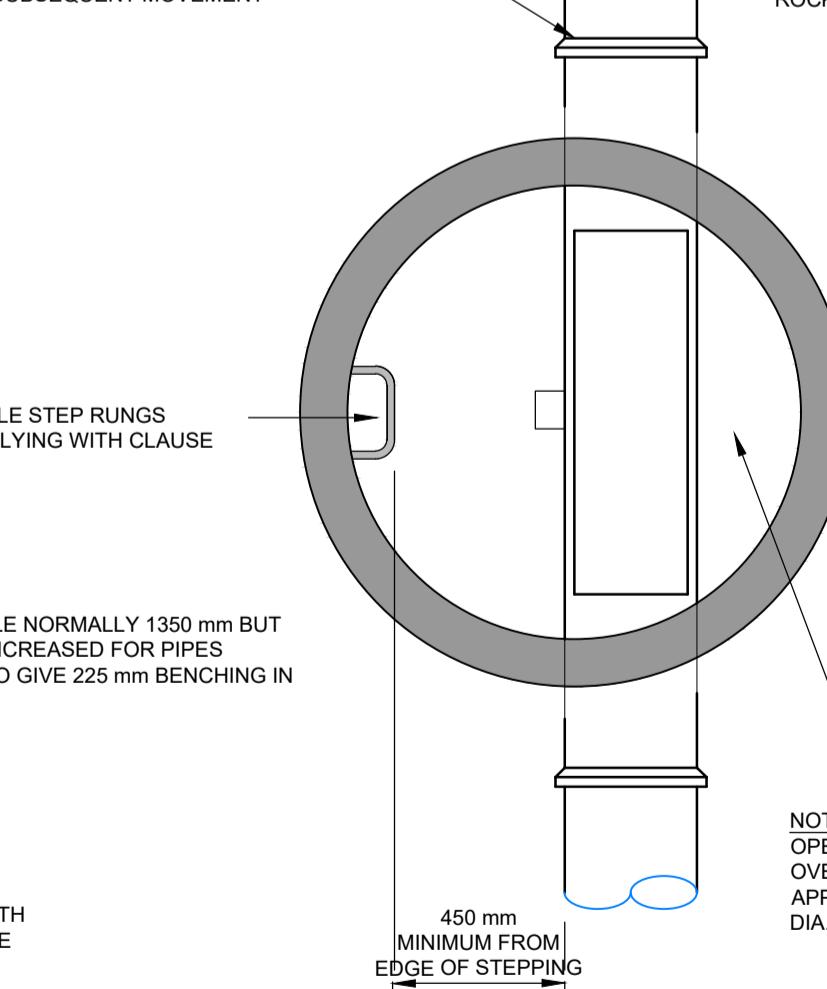


TABLE 2

NOMINAL PIPE DIA	ROCKER PIPE LENGTH
150 - 600	0.6m
601 - 750	1.0m
OVER 750	1.25m

JOINT TO BE AS CLOSE AS POSSIBLE TO FACE OF MANHOLE TO PERMIT SATISFACTORY JOINT AND SUBSEQUENT MOVEMENT  
SEE TABLE 2 AND CLAUSE E6.6.2 FOR ROCKER PIPE DETAILS



PLAN

**TYPICAL MANHOLE DETAIL - TYPE C**

1:30

DEPTH FROM COVER TO SOFFIT OF PIPE LESS THAN 1.5m. MAXIMUM PIPE SIZE 450mm DIAMETER. RIGID MATERIAL CONSTRUCTION

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