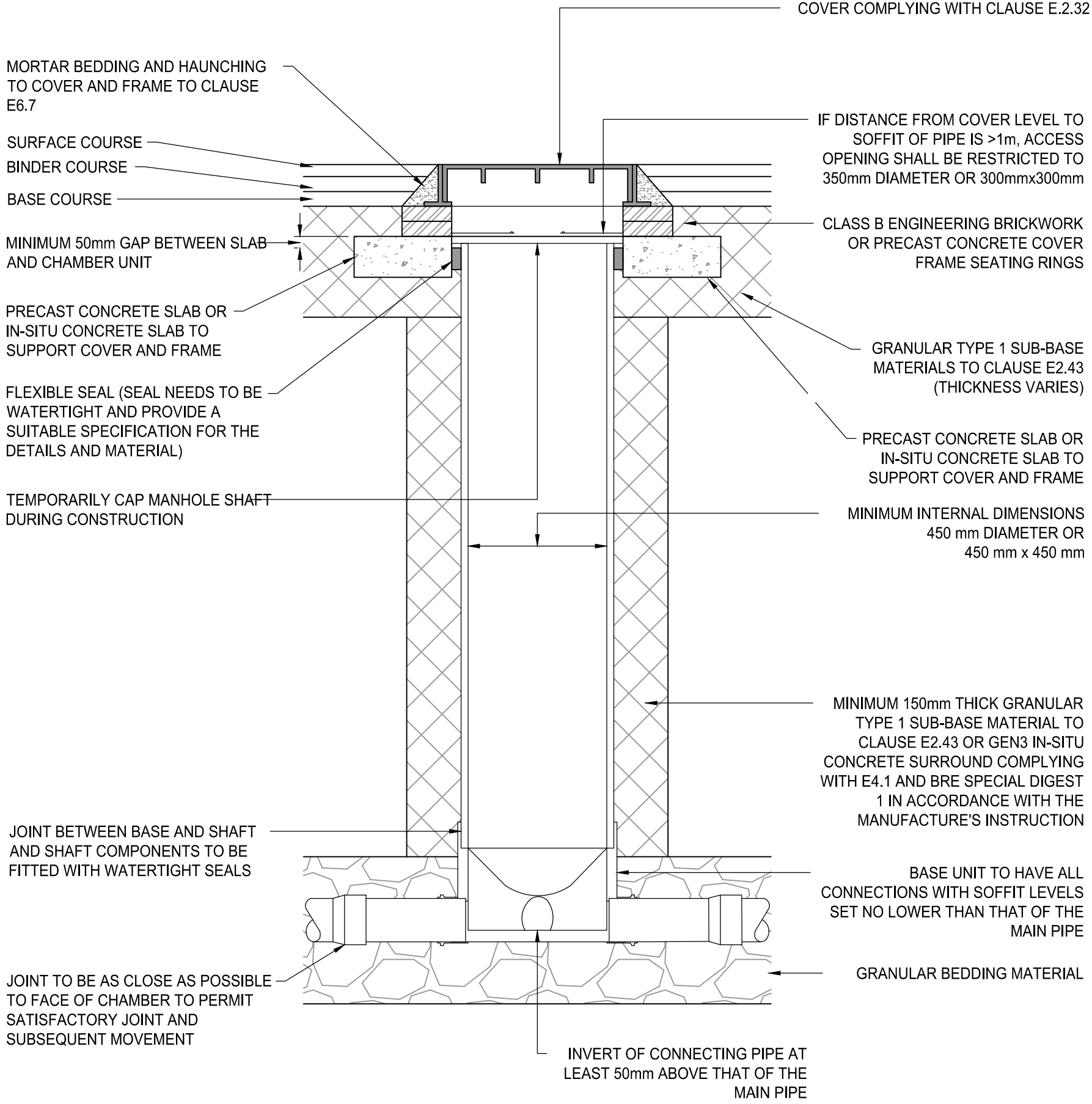


FILE LOCATION PATH: P:\PROJECTS\HOT11076-27 MAYFIELD, MANCHESTER - PLOT M004 BM/CIVLS/DRAWINGS/0197_MAY-CIV-SWI-XXXX-DR-C-310002_PLOT M EXTERNAL WORKS TYPICAL DRAINAGE DETAILS SHEET 2.DWG

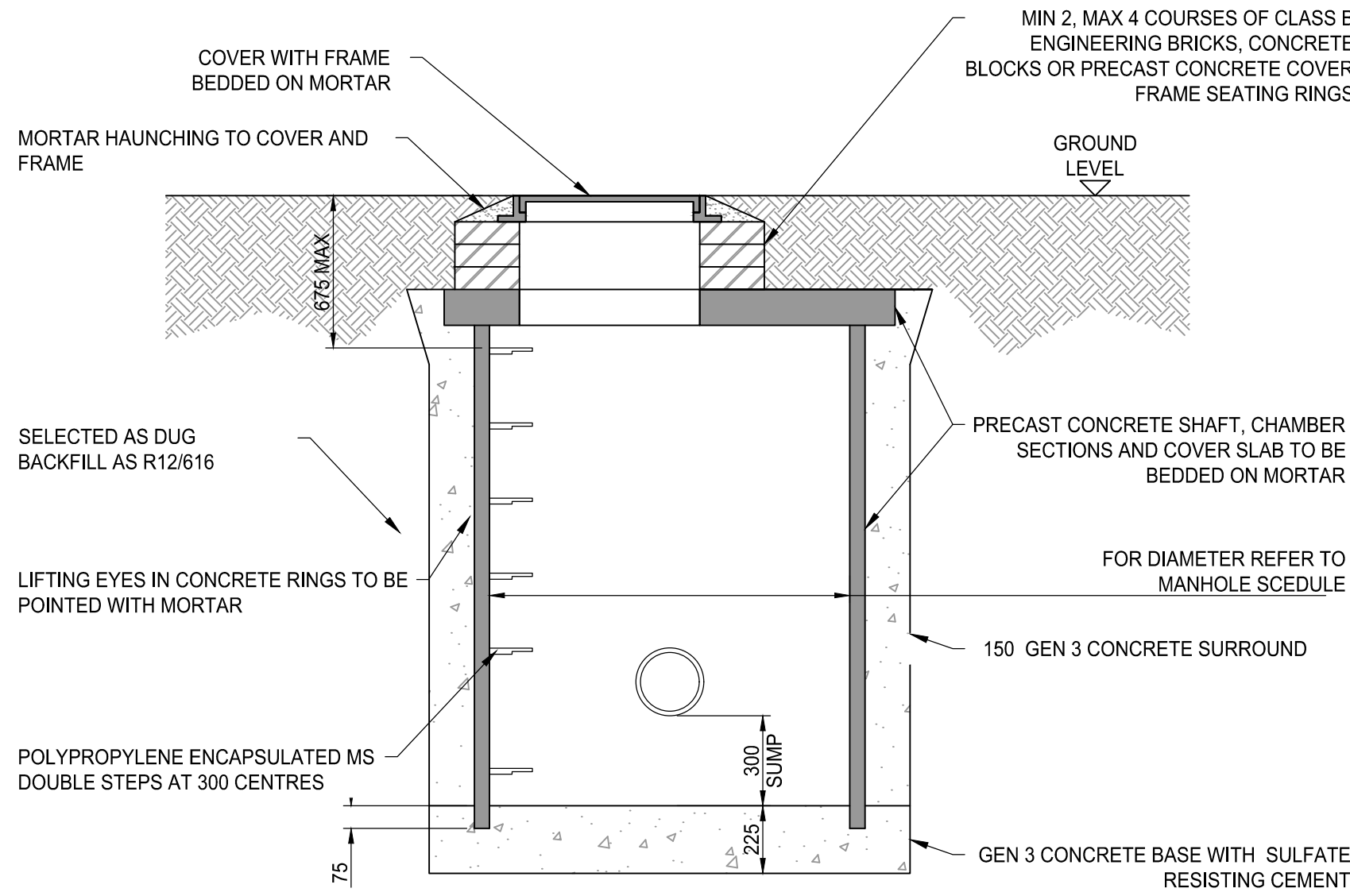
PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH CLAUSE E2.31



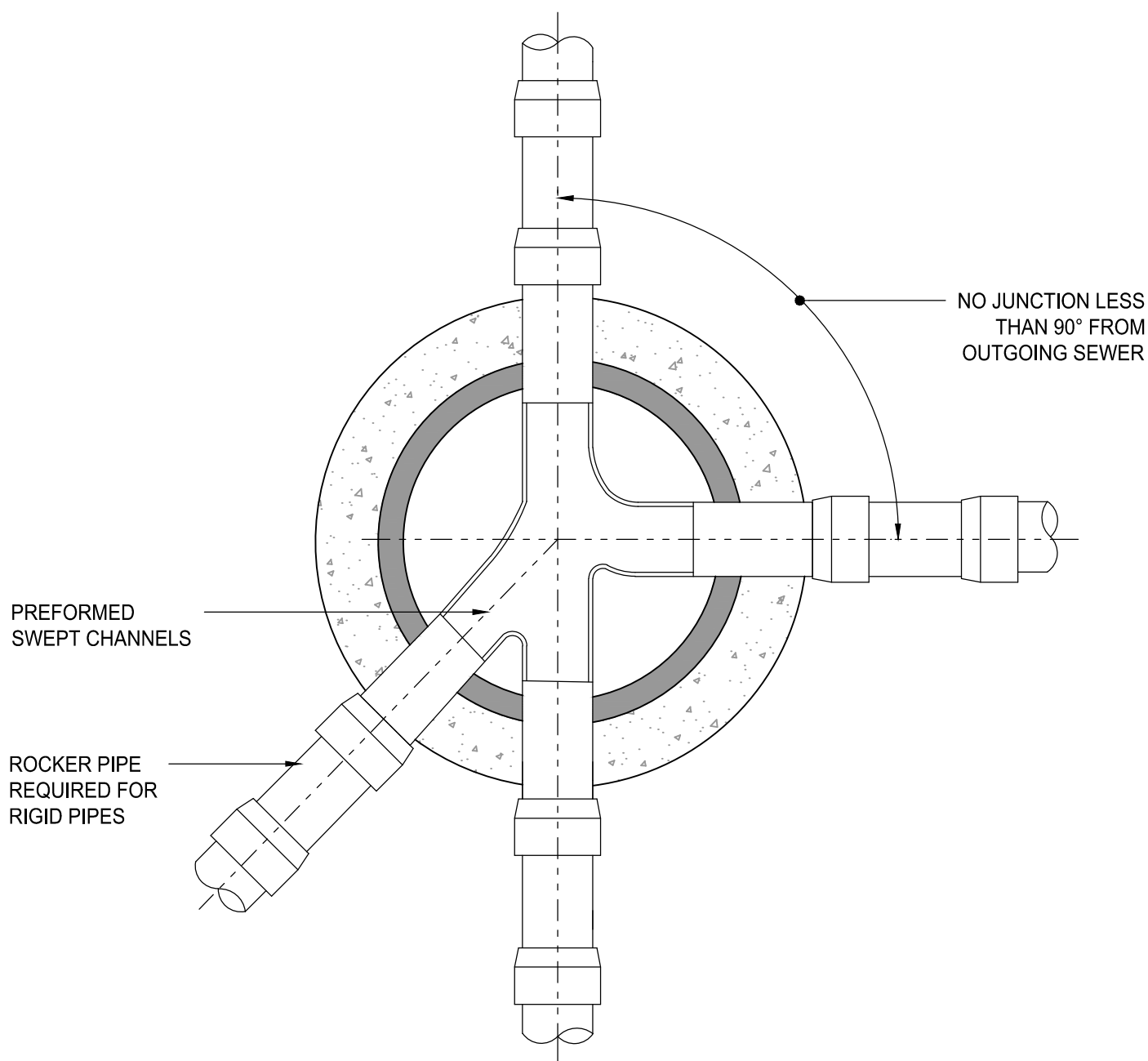
TYPICAL INSPECTION CHAMBER DETAIL

DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE UP TO 3m

**FLEXIBLE MATERIAL CONSTRUCTION FOR USE IN AREAS SUBJECT TO VEHICLE LOADING
(TO SEWER SECTOR GUIDANCE APPENDIX C)**



**PRECAST CONCRETE CATCHPIT
DETAIL**



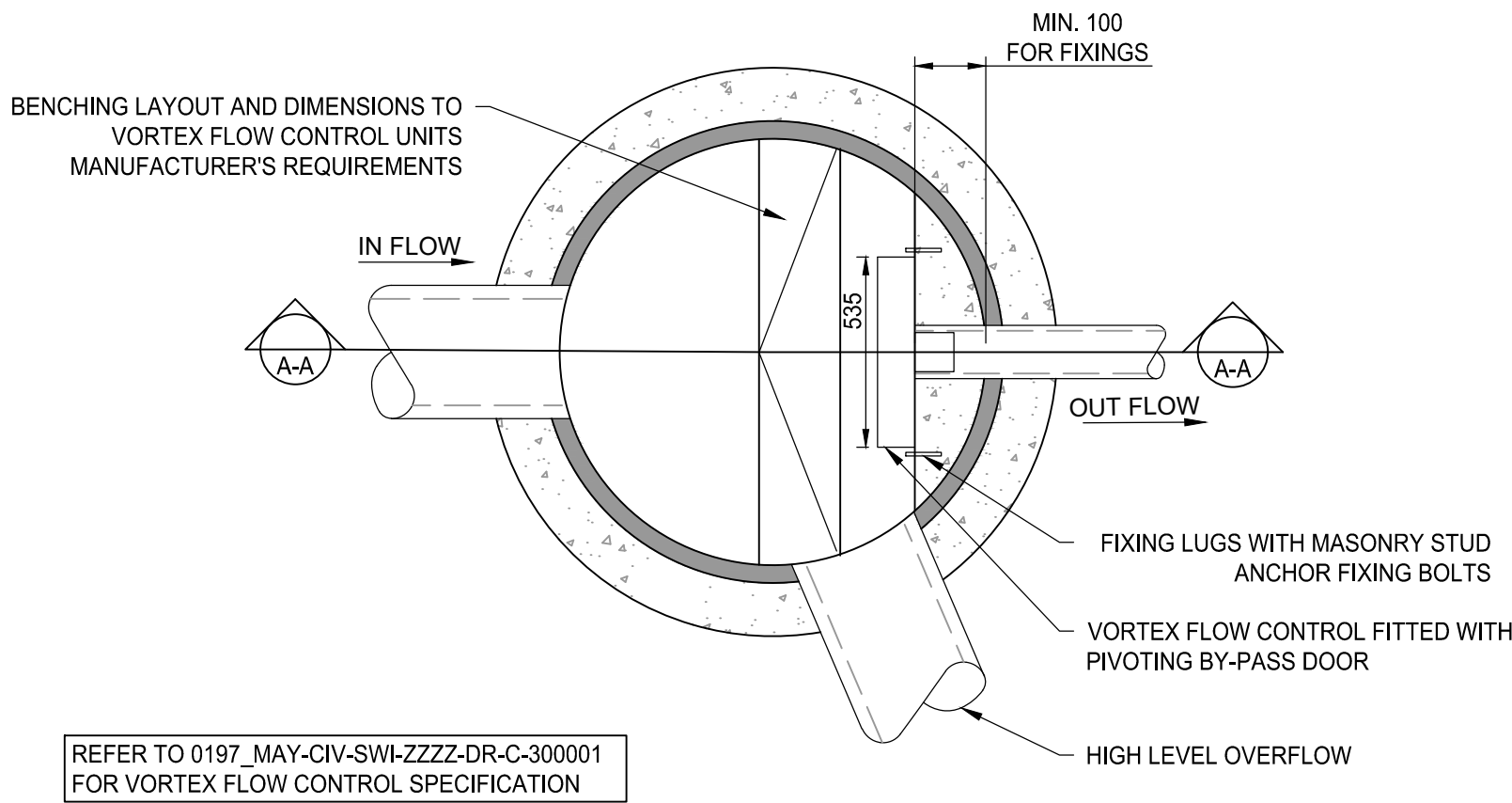
SECTIONAL PLAN

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.

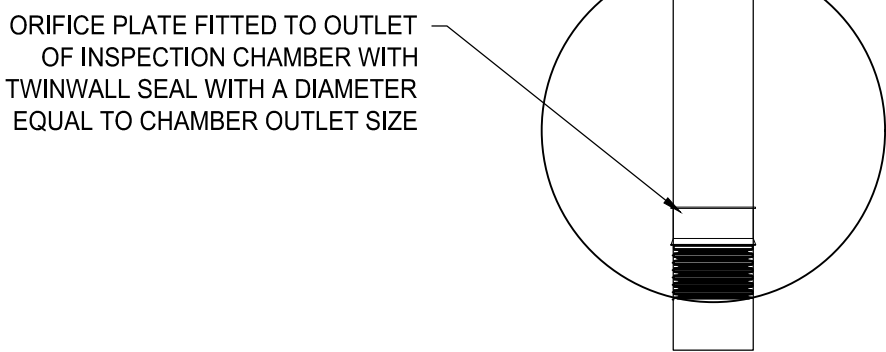
NOMINAL DIAMETER (mm)	MAXIMUM EFFECTIVE LENGTH (m)
150 - 600	0.600
601 - 750	1.000
OVER 750	1.250

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

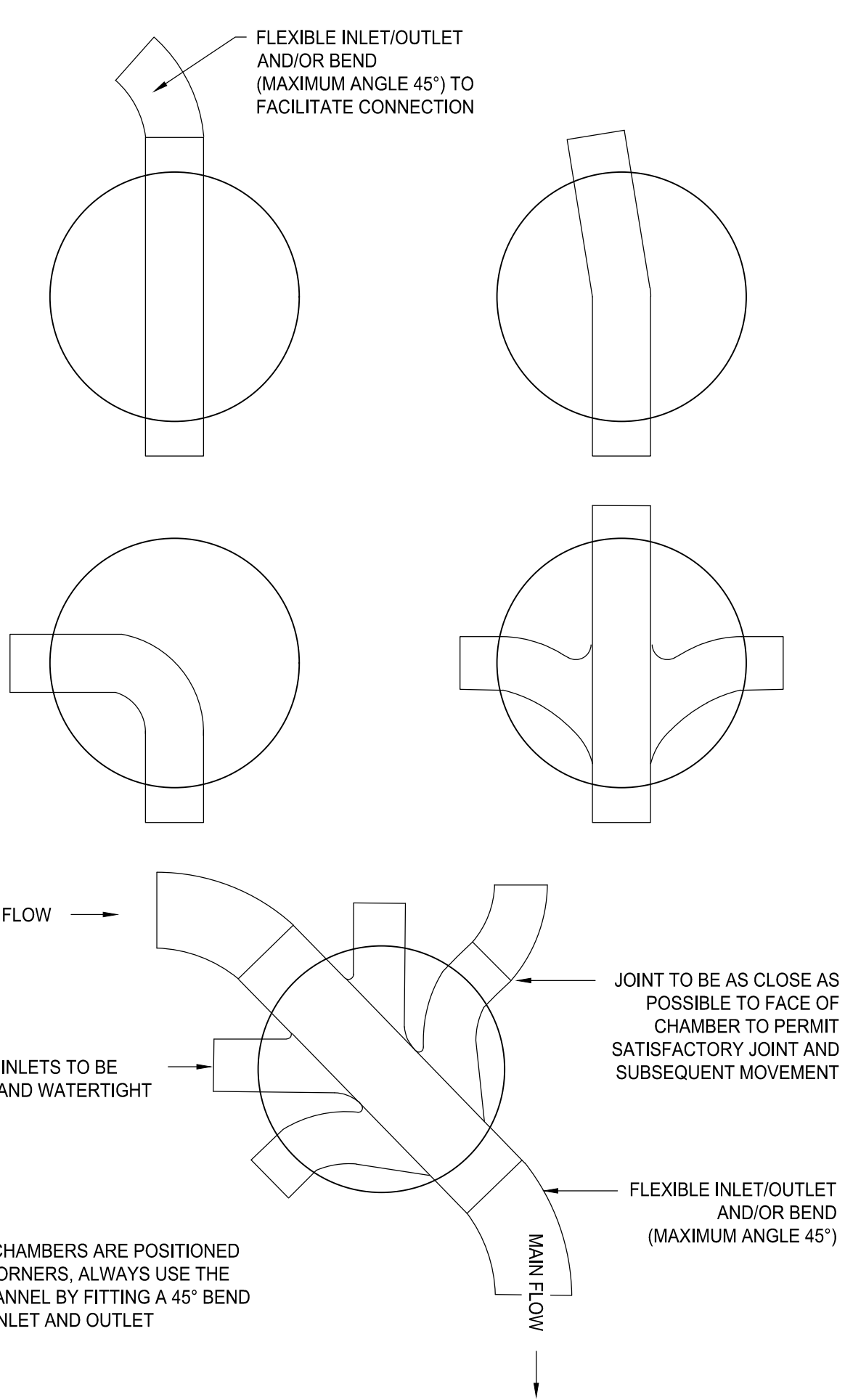
**TYPICAL ARRANGEMENT OF PIPE JUNCTIONS
WITHIN MANHOLES**



**VORTEX FLOW CONTROL CHAMBER
(S-MH25)**

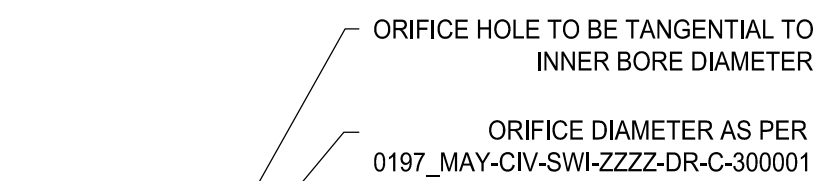
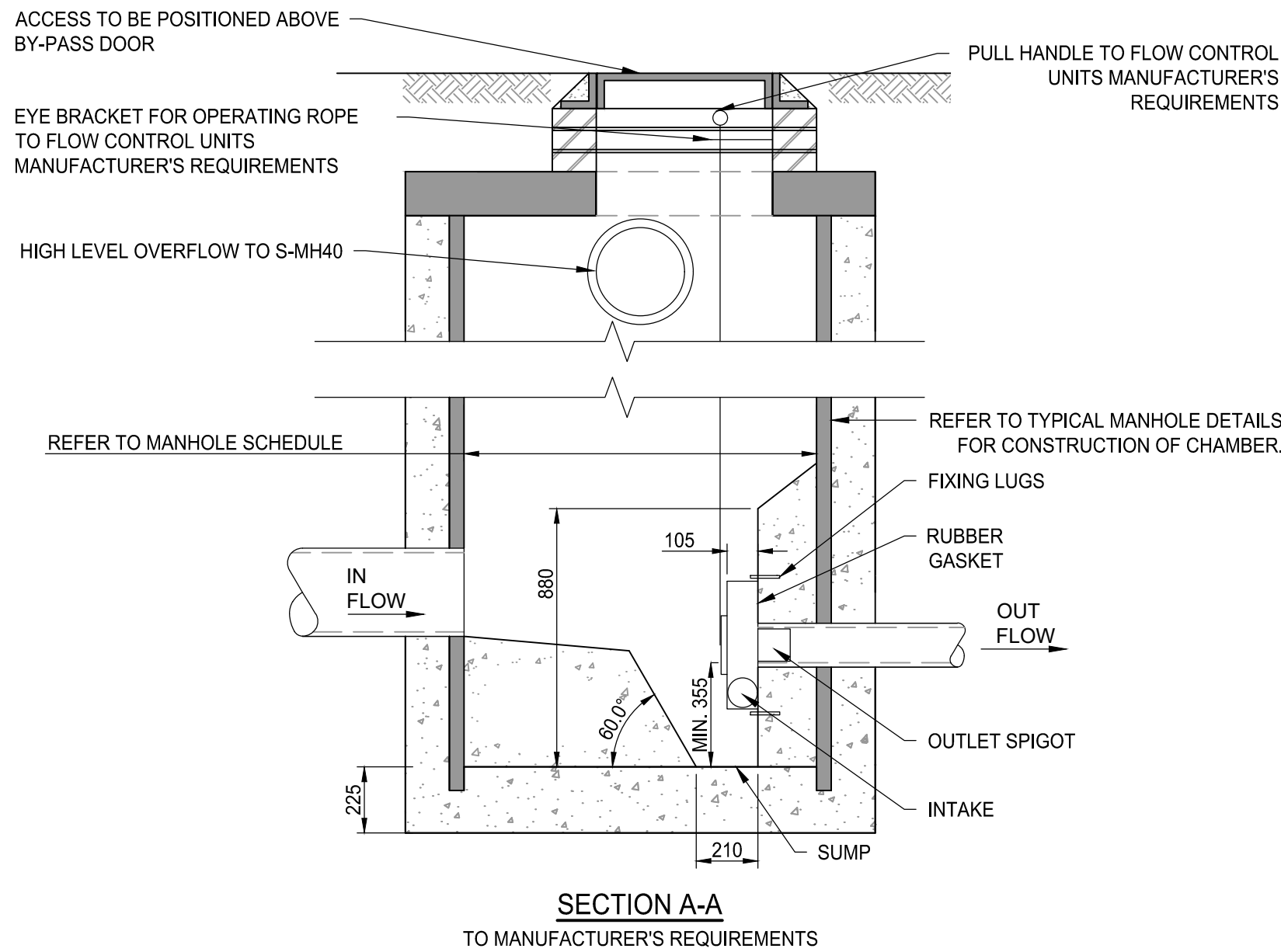


**TYPICAL ORIFICE PLATE WITHIN
INSPECTION CHAMBER**



NOTE: WHERE A BEND IS USED IMMEDIATELY OUTSIDE THE MANHOLE, THIS MAY BE USED AS THE ROCKER PIPE

TYPICAL BASE LAYOUT FOR INSPECTION CHAMBERS



REMOVABLE ORIFICE PLATE BY TURTLE ENVIRO OR SIMILAR APPROVED

ORIFICE PLATE DETAIL

STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
2. THIS DRAWING SHOULD NOT BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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08.04.25	P02	ADDED VORTEX/ORIFICE FLOW CONTROL DETAILS	HCM	CK
12.07.24	P01	STAGE 4 ISSUE	CD	HCM
DATE	REV	DESCRIPTION	DRAWN	CHKD

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PROJECT
MAYFIELD PLOT M
THE REPUBLIC
MANCHESTER

TITLE
EXTERNAL WORKS
TYPICAL DRAINAGE DETAILS
SHEET 2

DRAWING STATUS					STATUS CODE	
STAGE 4					-	
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN	CHECKED	CD	HCM
1076-27	1:20	JULY 24				
DRAWING No.					REV	
0197_MAY-CIV-SWI-XXXX-DR-C-310002					P02	