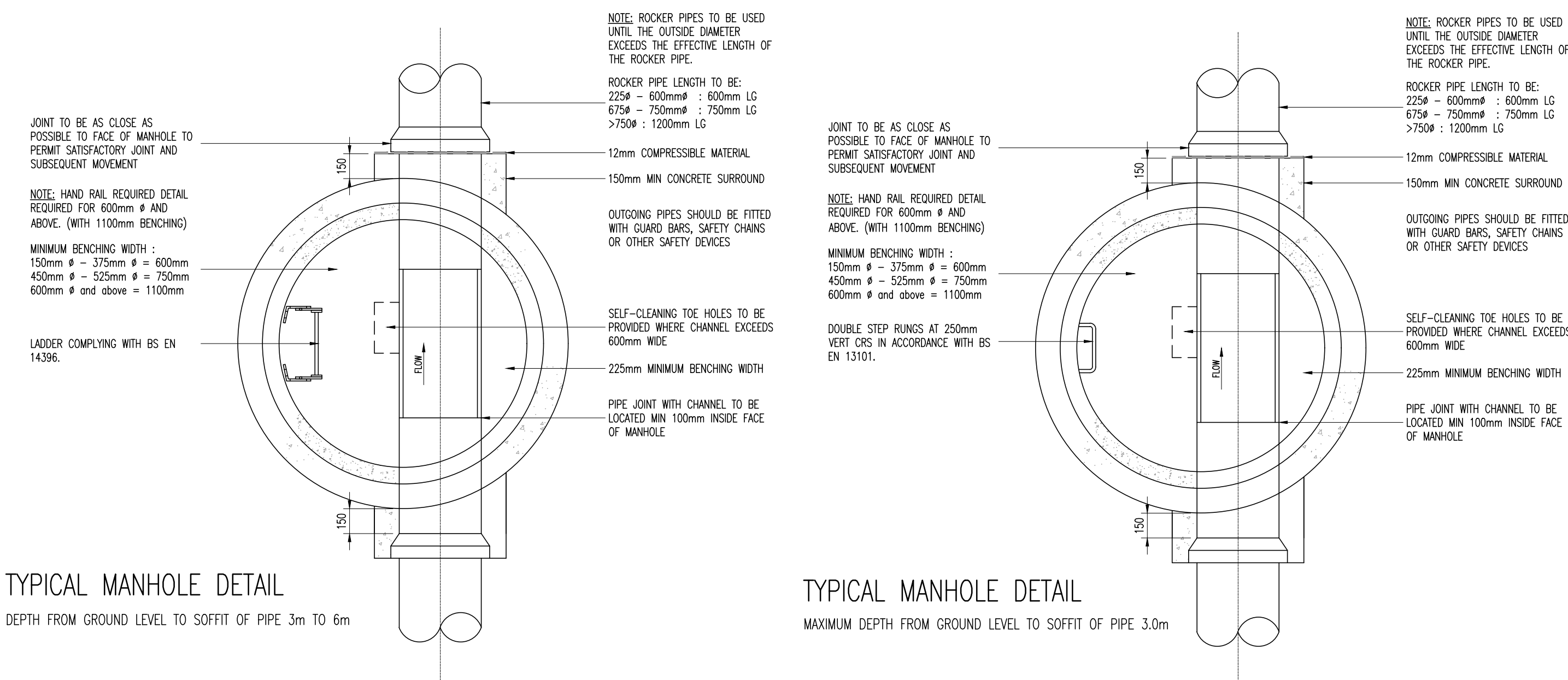
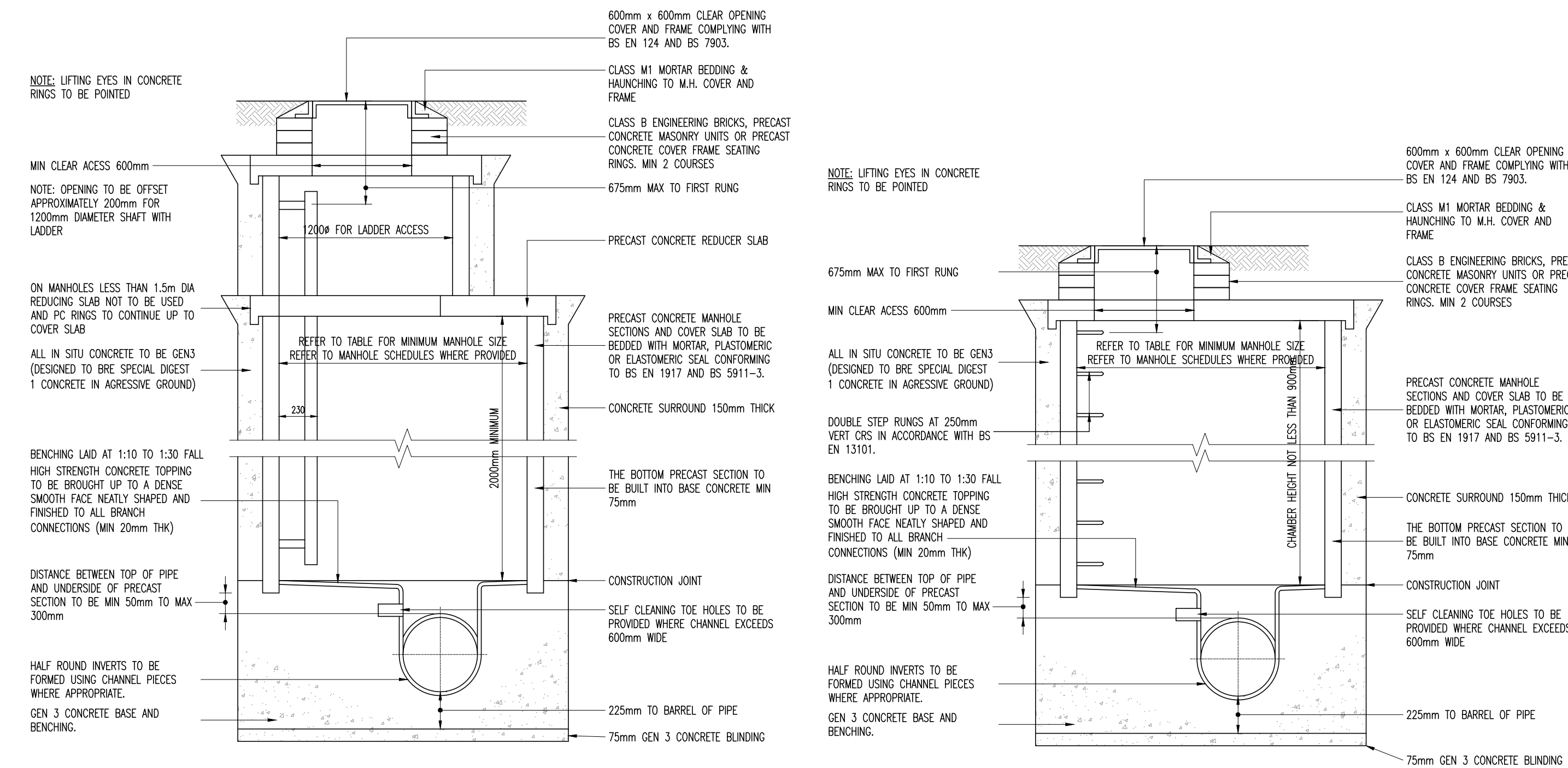
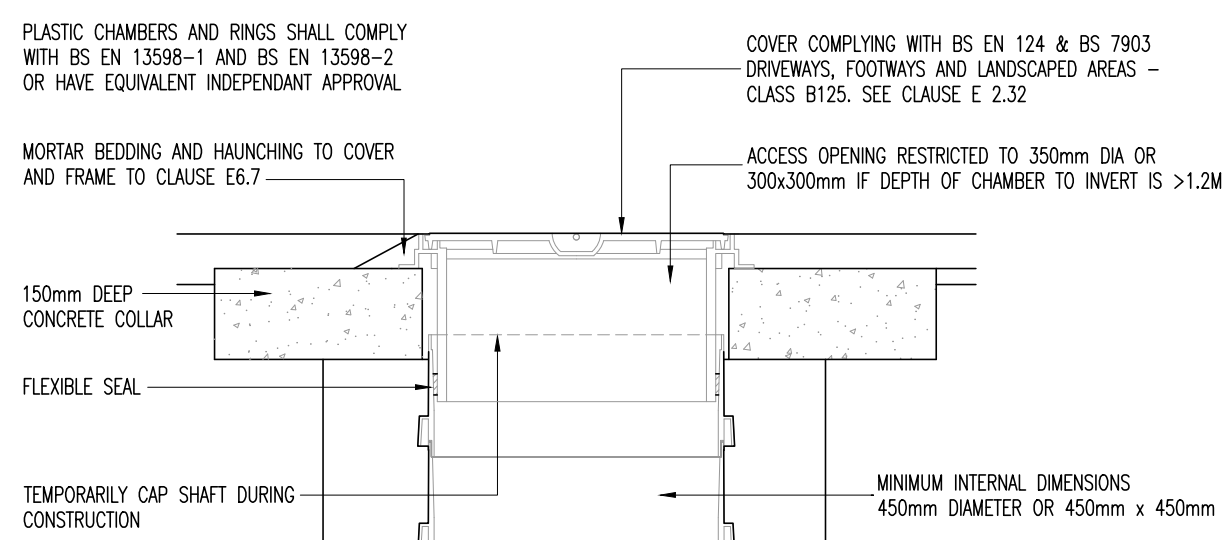




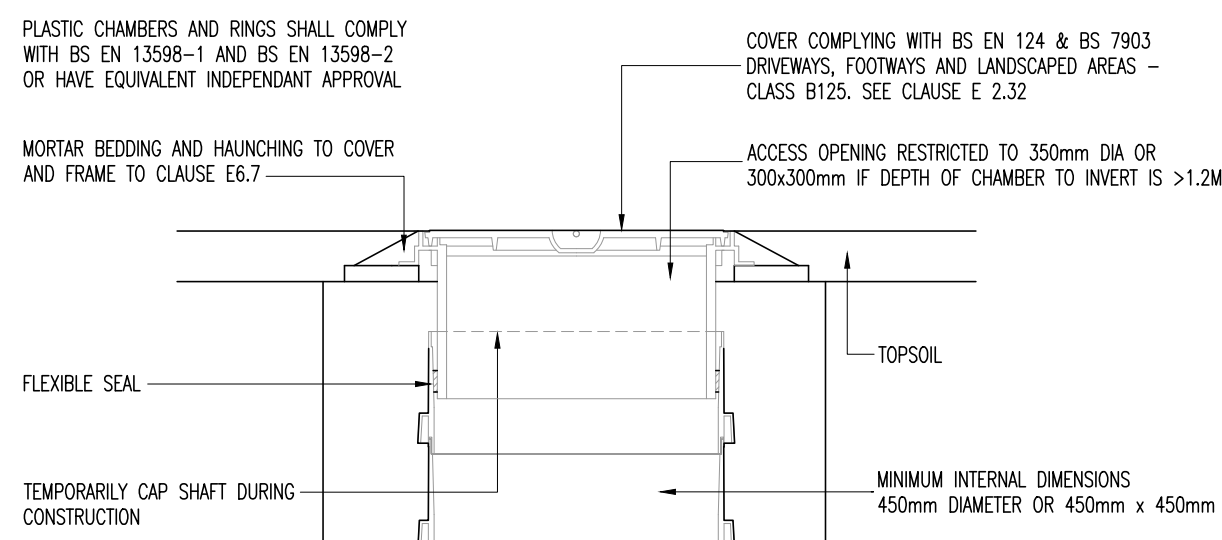
DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3m TO 6m



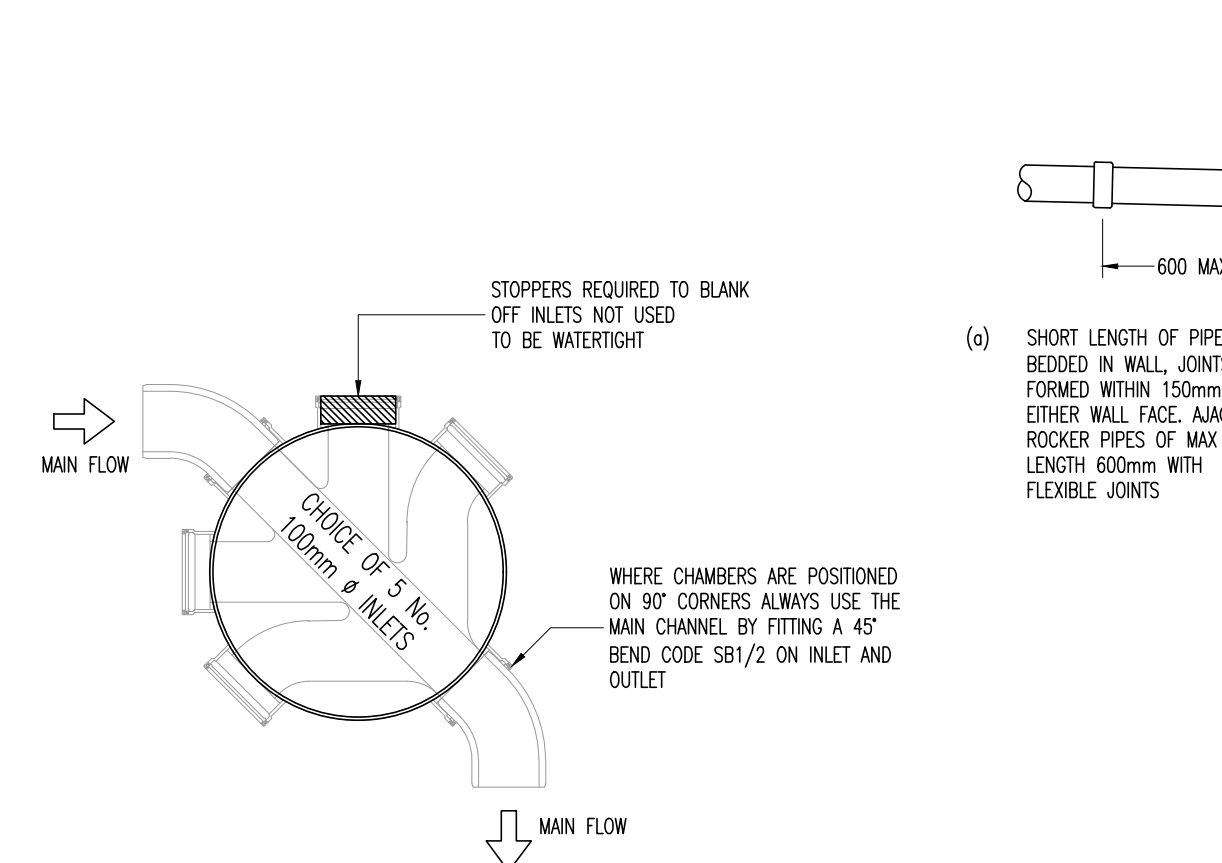
MAXIMUM DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3.0m



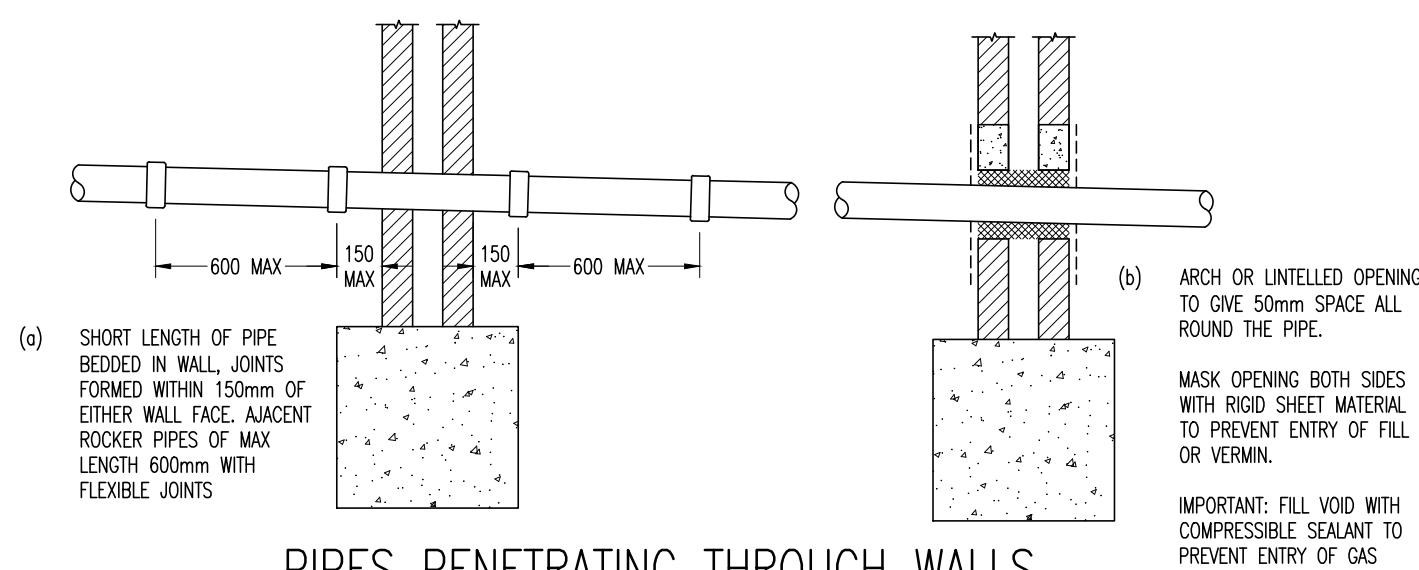
PPIC. ALTERNATIVE TOP DETAILS
SITED IN DOMESTIC DRIVEWAYS OR FOOTWAYS
(N.T.S)



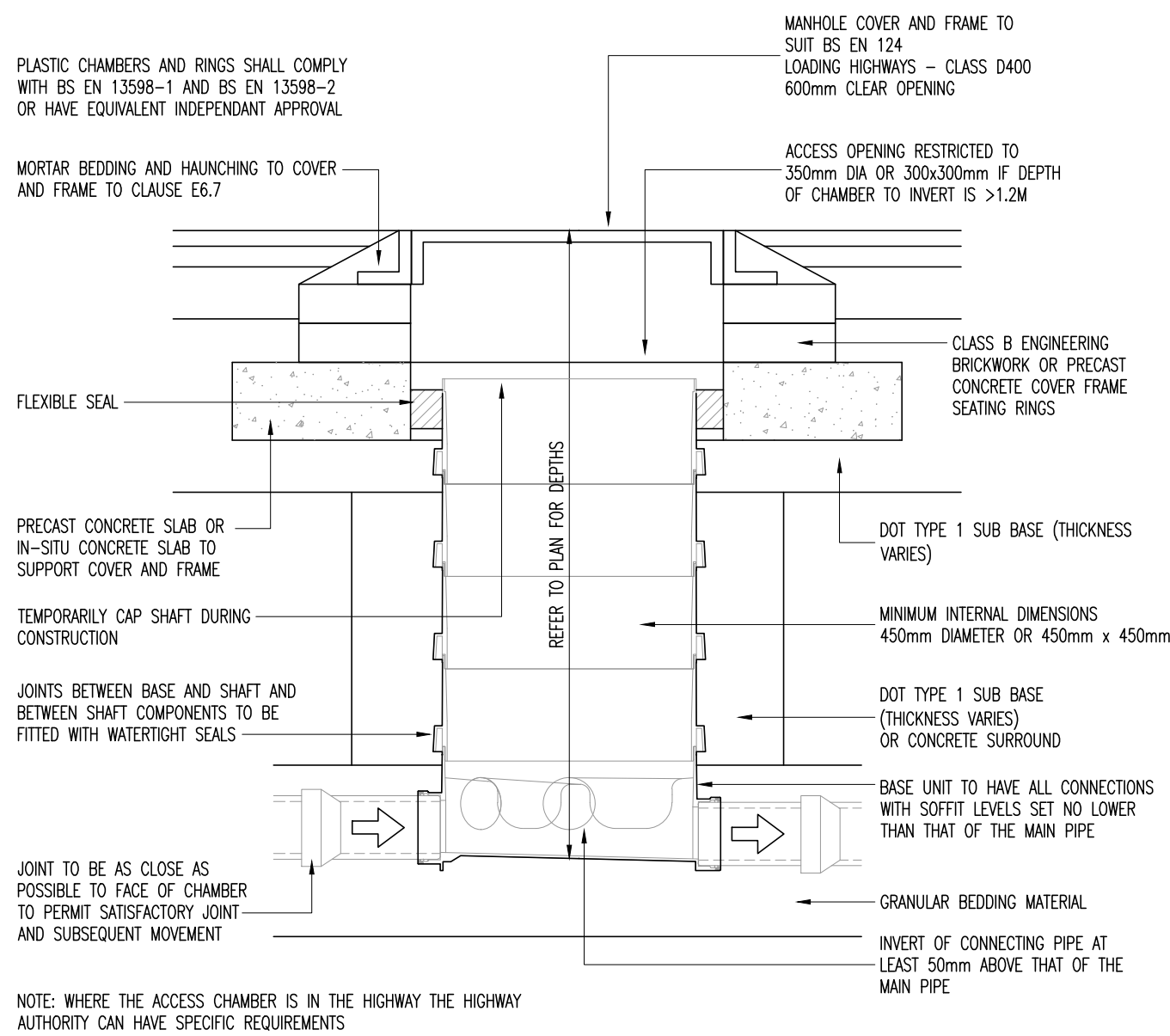
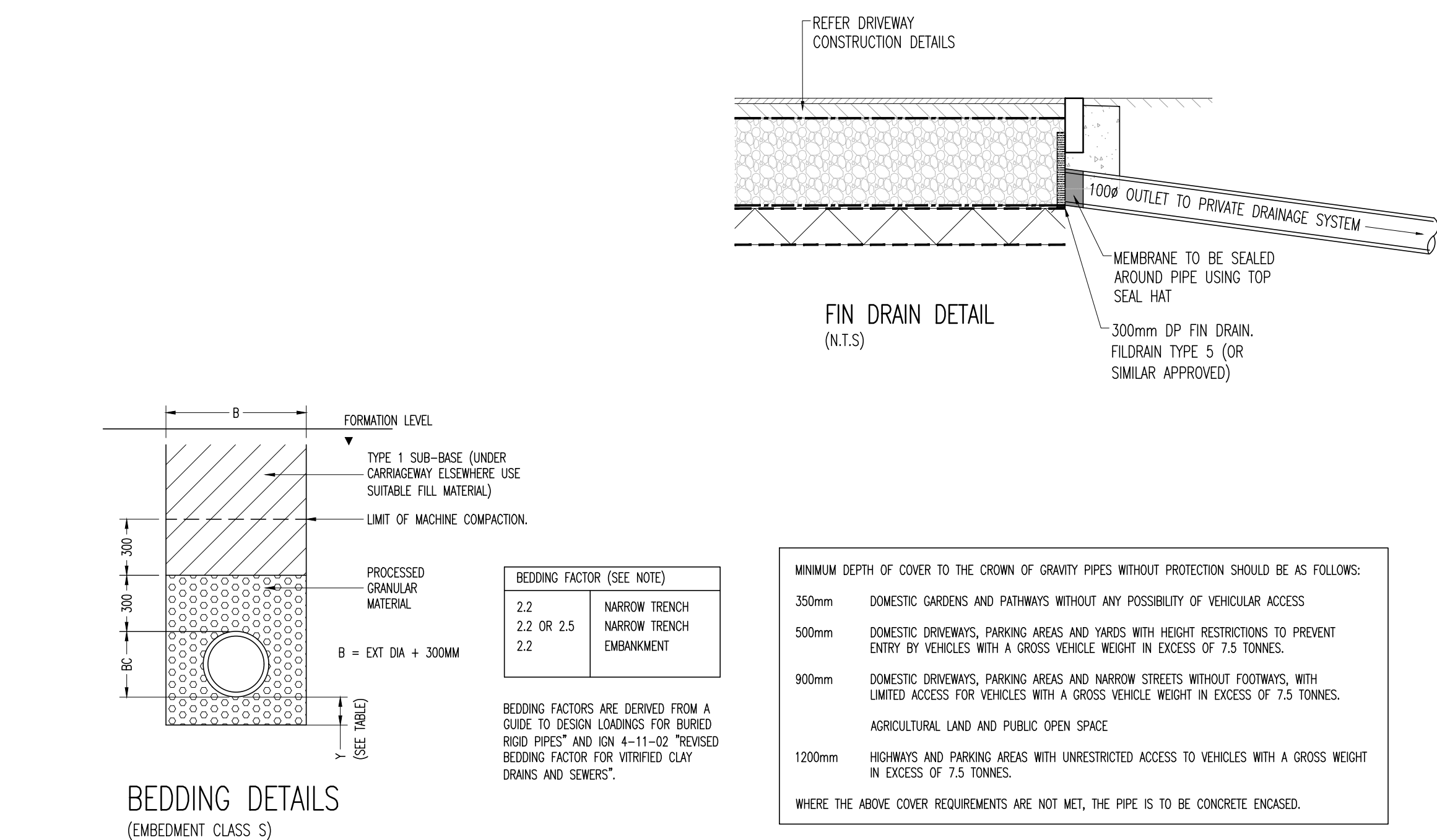
PPIC. ALTERNATIVE TOP DETAILS
SITED IN DOMESTIC GARDENS
(N.T.S)



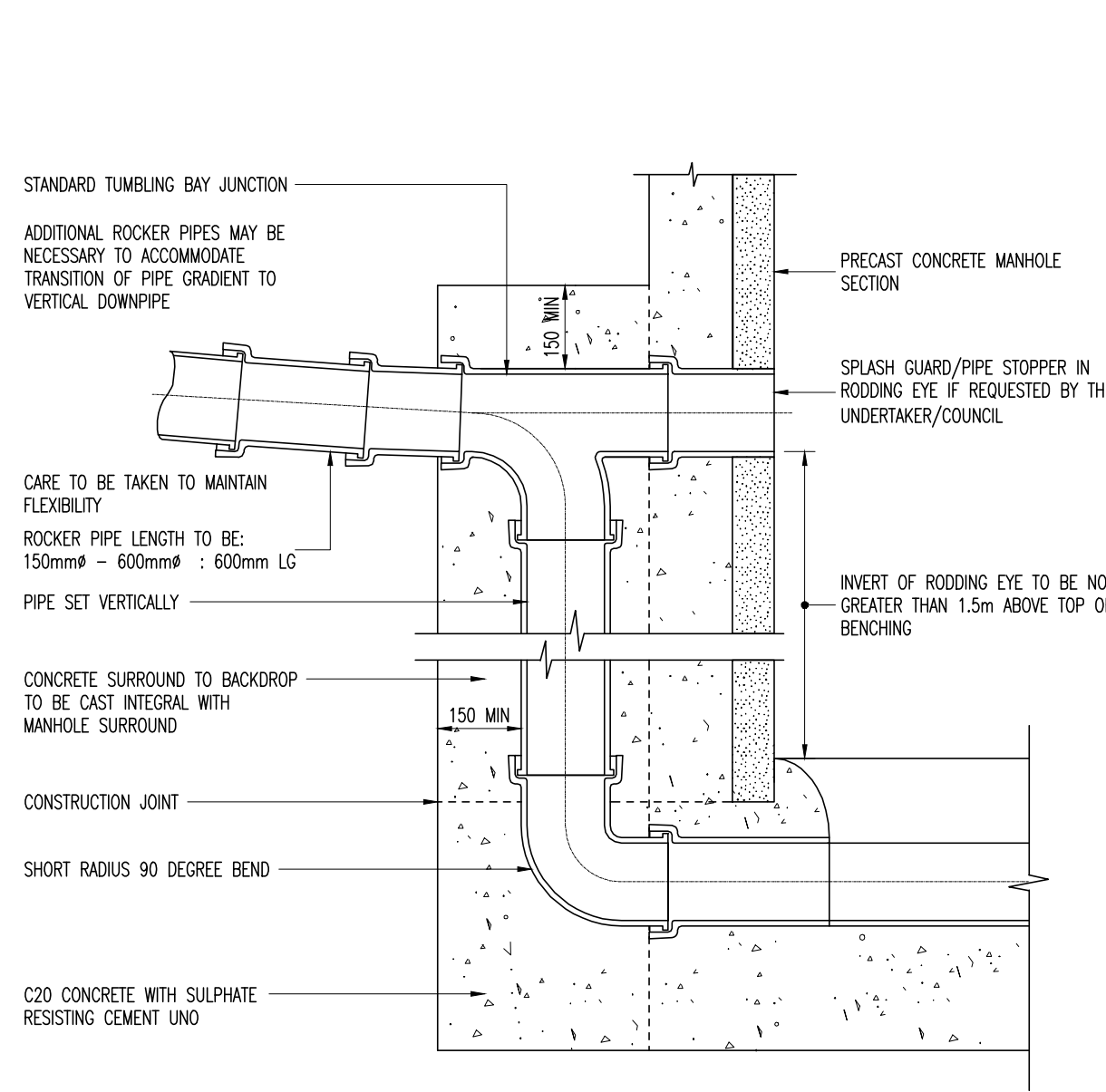
PLAN ON PPIC. INSPECTION CHAMBER
(N.T.S)



PIPES PENETRATING THROUGH WALLS



SECTION THROUGH PPIC. INSPECTION CHAMBER
(POLYPROPYLENE INSPECTION CHAMBER)
(N.T.S)



TYPICAL BACKDROP DETAIL

DO NOT SCALE OFF THIS DRAWING

GENERAL NOTES
THIS DRAWING TO READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
ALL DIMENSIONS TO BE GIVEN ON SITE BY THE CONTRACTOR / FABRICATOR PRIOR TO COMMENCEMENT OF WORKS.
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS, SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
THE CONTRACTOR SHALL CONFIRM THE LOCATION AND LEVEL OF EXISTING DRAINAGE OUTFALLS PRIOR TO COMMENCEMENT OF THE DRAINAGE WORKS.
EXACT LOCATIONS OF PROPOSED MANHOLES AND INSPECTION CHAMBERS TO BE DETERMINED ON SITE
ALL PIPES BUILT INTO THE MANHOLE INVERTS SHALL BE INSTALLED WITH SOFFITS LEVELS UNDO.
CONNECTIONS TO ROAD GULLIES SHALL BE IN 150MM NOMINAL BORE. CONNECTIONS TO OTHER TERMINAL FITTINGS SHALL BE IN 100MM NOMINAL BORE PIPE UNDO.
COVER LEVELS SHOWN ARE APPROXIMATE AND SHALL BE ADJUSTED AND CONFIRM ON SITE BY THE CONTRACTOR.
THE CONTRACTOR SHALL PROTECT THE PIPELINE FROM DAMAGE BY SITE TRAFFIC DURING CONSTRUCTION.
PIPEWORK AND FITTINGS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS EXCEPT WHERE NOTED OTHERWISE:
CLAYWARE PIPES TO BS 65
100 AND 150MM DIAMETER, MINIMUM CRUSHING STRENGTH 50KN/M ON CLASS F BEDDING.
TRENCHES IN HIGHWAYS AND CAR PARKING AREAS SHALL BE BACKFILLED WITH TYPE 1 GRANULAR SUB-BASE.
SOFT SPOTS IN THE TRENCH FORMATION SHALL BE REMOVED AND REPLACED WITH GRANULAR BEDDING UNLESS INSTRUCTED OTHERWISE.
ROAD GULLIES SHALL BE CONSTRUCTED USING A 900MM DEEP X 450MM DIAMETER GULLEY POT, SURROUNDED BY 150MM THICKNESS C20 CONCRETE, WITH ROUNDED IRON AND CHAINED STOPPER.
GULLY COVERS SHALL BE GRADE B CAPTIVE HINGED DUCTILE IRON TO BS497 BLACK COATED WITH 600 X 600 GRADE A.
UNLESS NOTED OTHERWISE MANHOLE COVERS SHALL BE DUCTILE IRON TO BS497 BLACK COATED WITH 600 X 600 GRADE A.
CONNECTIONS IN PIPES BETWEEN MANHOLES RUNS SHALL BE FORMED BY USING PURPOSE MADE CLAYWARE.
45° JUNCTION FITTINGS TO BS65. BEND FITTINGS SHALL BE PROVIDED WHERE APPROPRIATE TO DIRECT THE FLOW INTO THE MAIN RUNS.
ALTERNATIVELY MAIN PIPES MAY BE DIAMOND CORE TO TAKE LATERAL CONNECTIONS WITH A SADDLE FITTING TO BS65 AND 150MM C20 CONCRETE SURROUND.
THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL EXISTING STATUTORY UNDERTAKERS APPARATUS AND SERVICE CONNECTIONS BY TRIAL PITTS PRIOR TO OPENING UP FOR THE WORKS.

NORMAL INT PIPE DIA	MINIMUM INTERNAL CHAMBER DIA
LESS THAN 375	1200
375 - 450	1350
500 - 700	1500
750 - 900	1800
GREATER THAN 900	PIPE DIA + 900

P02	FIN DRAIN DETAIL ADDED	30.06.21	MG	SB
P01	PRELIMINARY ISSUE	18.02.21	AJB	SB
Rev	Description	Date	By	Chkd

PRELIMINARY

Sutcliffe

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Client **LOVELL**

Project
MILES PLATTING 3
MANCHESTER

Drawing Title
**TYPICAL PRIVATE DRAINAGE
 DETAILS**

Date FEB. 2021	Drawn By AJB	Checked By DS
Scale at A1 1:20	Project Number 31457	Revision P02

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