

DO NOT SCALE

1. Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
2. This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
3. All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
4. Any discrepancies noted on site are to be reported to the engineer immediately.
5. This drawing is to be read in conjunction with the latest drainage layout drawing.
7. Unless noted otherwise, all clauses relate to Sewer Sector Guidance Notes or Building Regulations Part H.
8. To be read in conjunction with Roscoe drawing '23324-ROS-00-00-DR-C-0900'

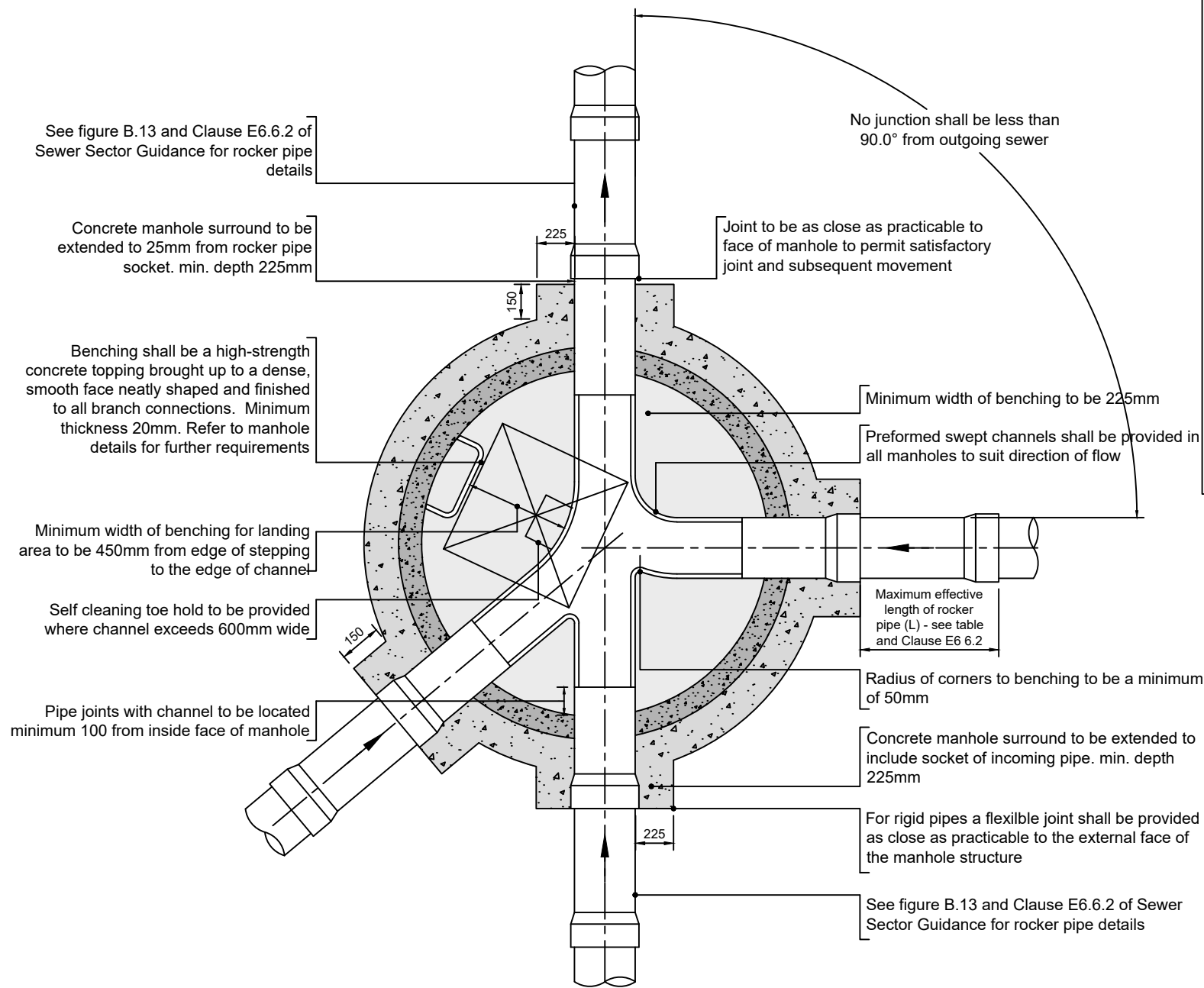
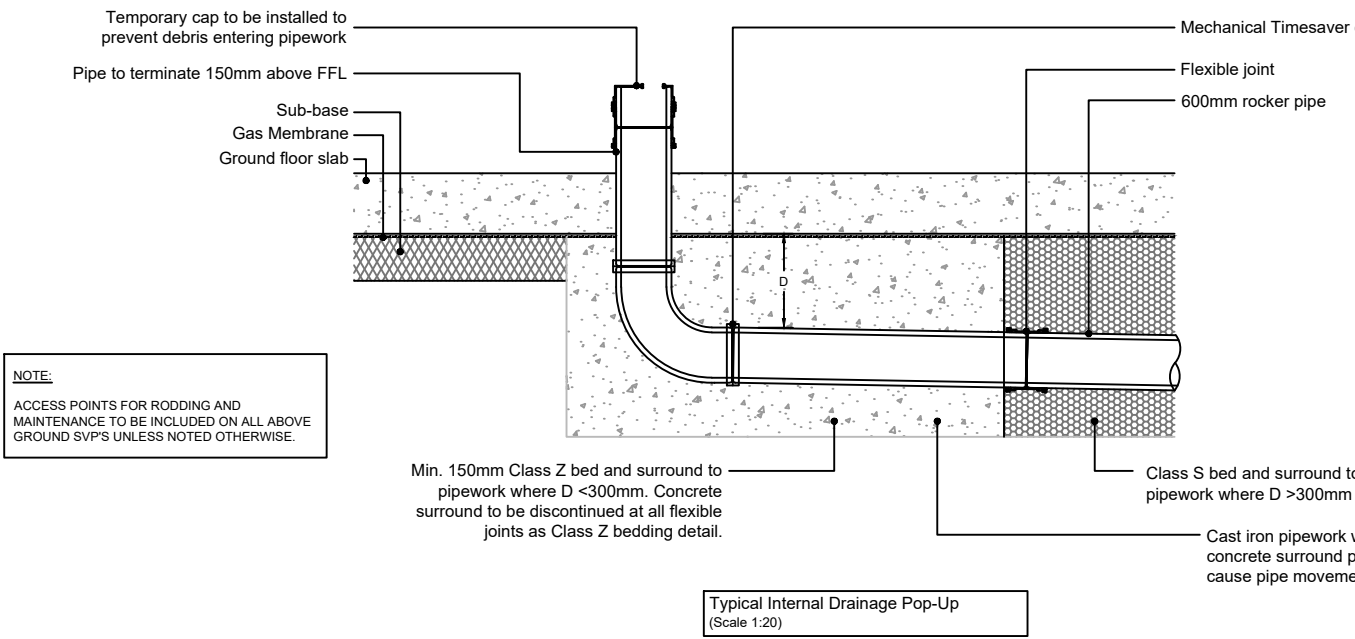
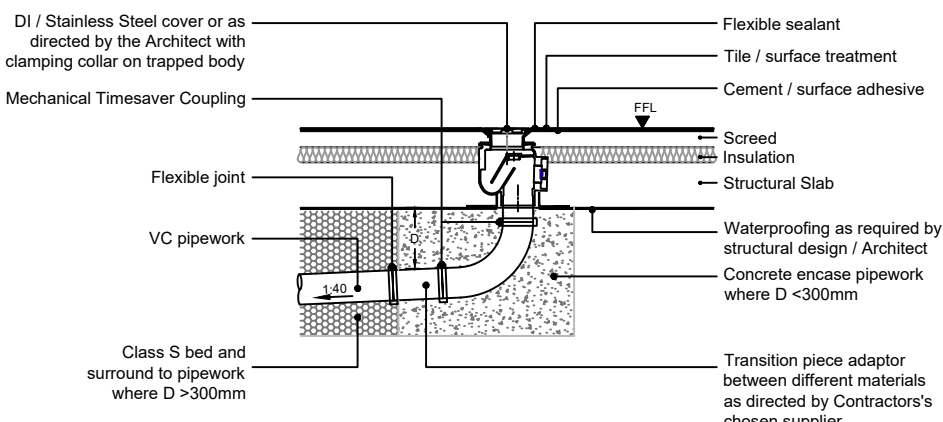


Table: Rocker Pipes	
Pipe Diameter (D) (mm)	Maximum effective rocker pipe length (L) (m)
≤ 600	0.60
>600 and ≤750	1.00
>750	1.25

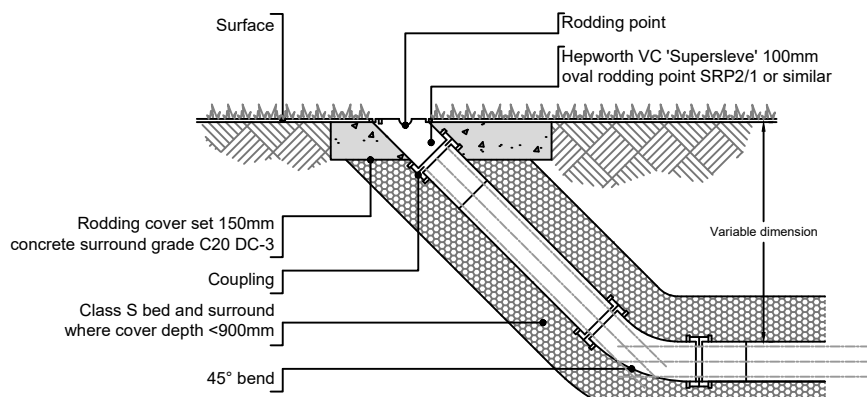
TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES (SECTIONAL PLAN, SCALE 1:20)



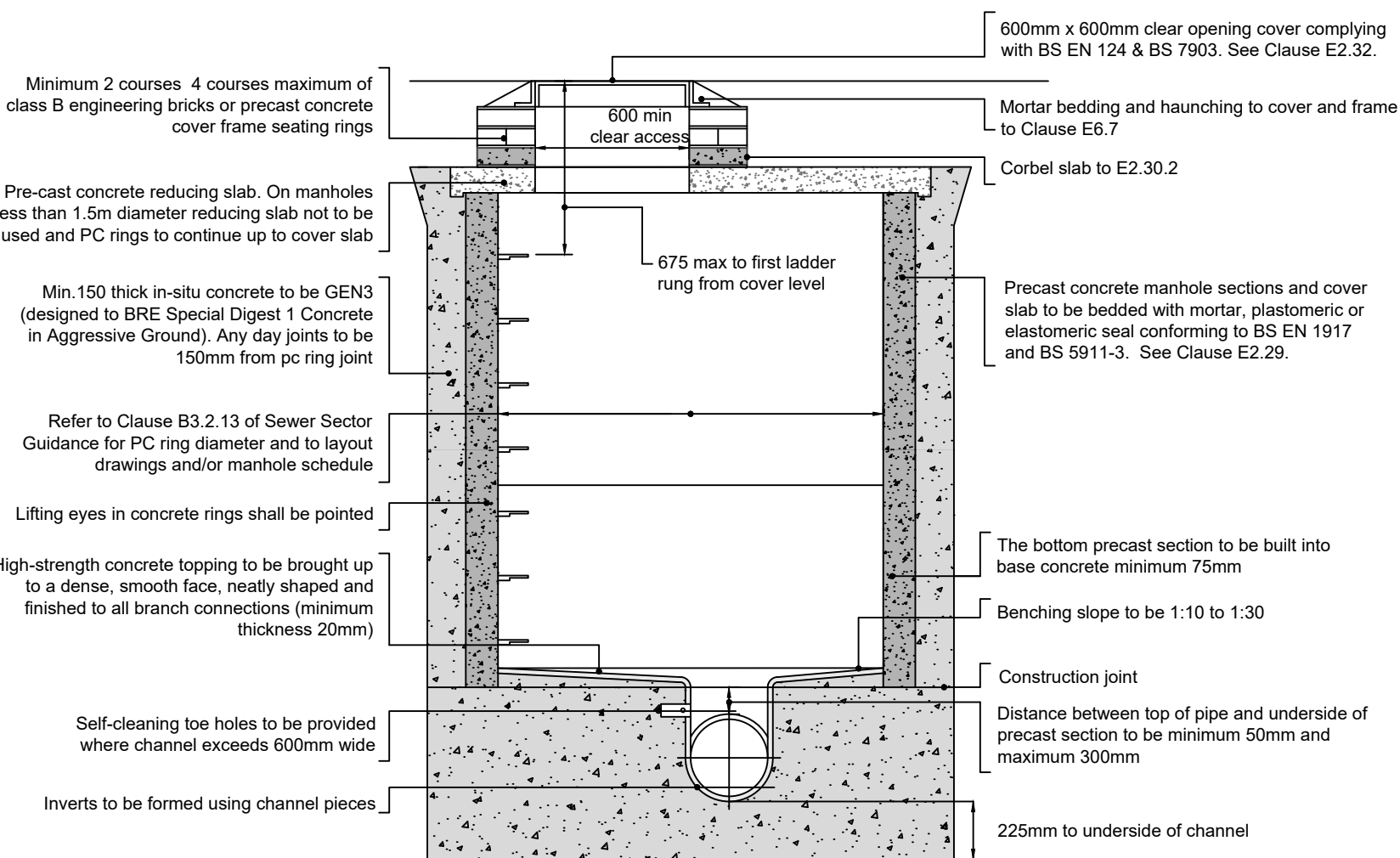
Typical Internal Drainage Pop-Up (Scale 1:20)



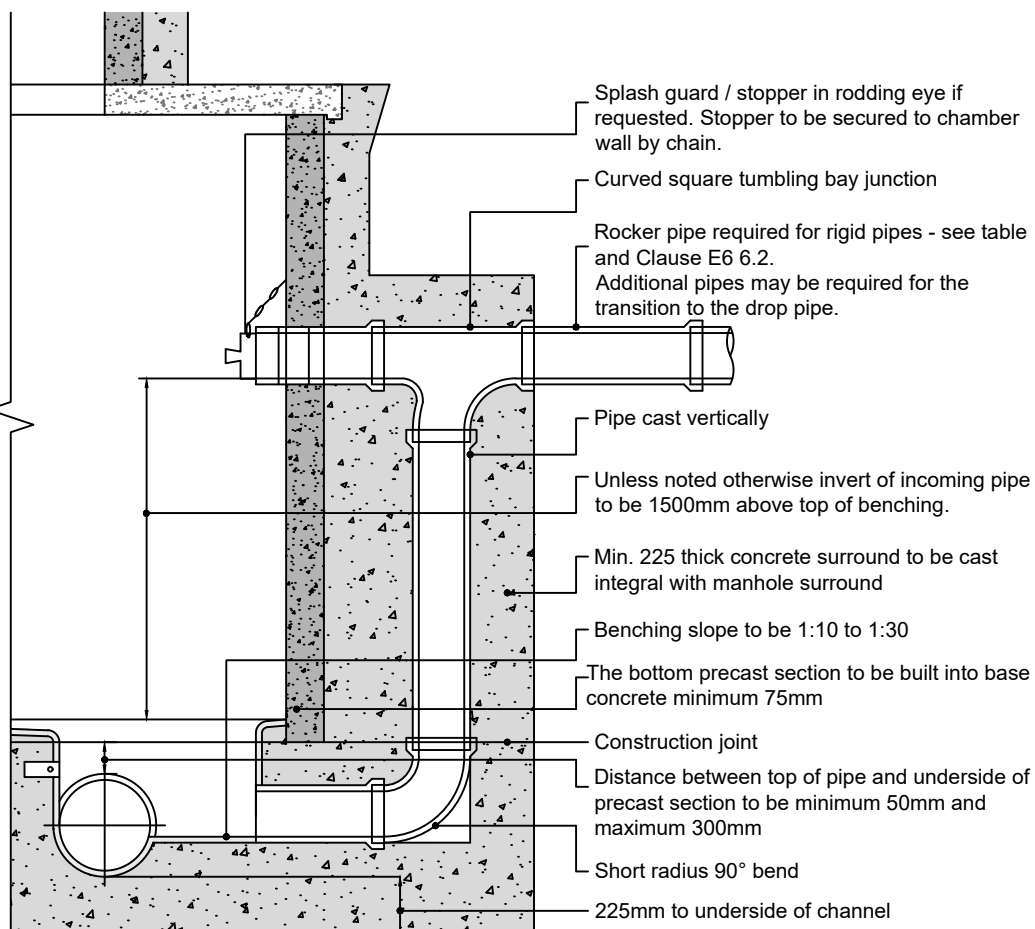
TRAPPED INTERNAL FLOOR GULLY (TRADITIONAL CONSTRUCTION) (NOT TO SCALE)



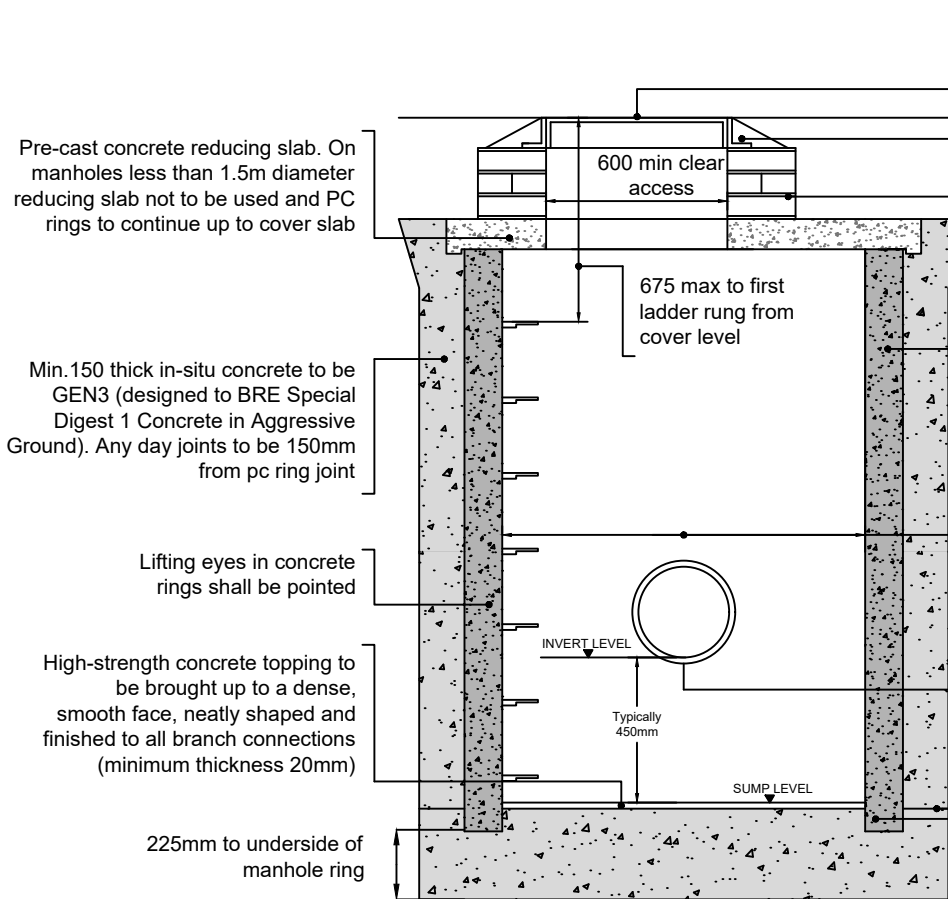
Roding eye in soft landscaping (Scale 1:20)



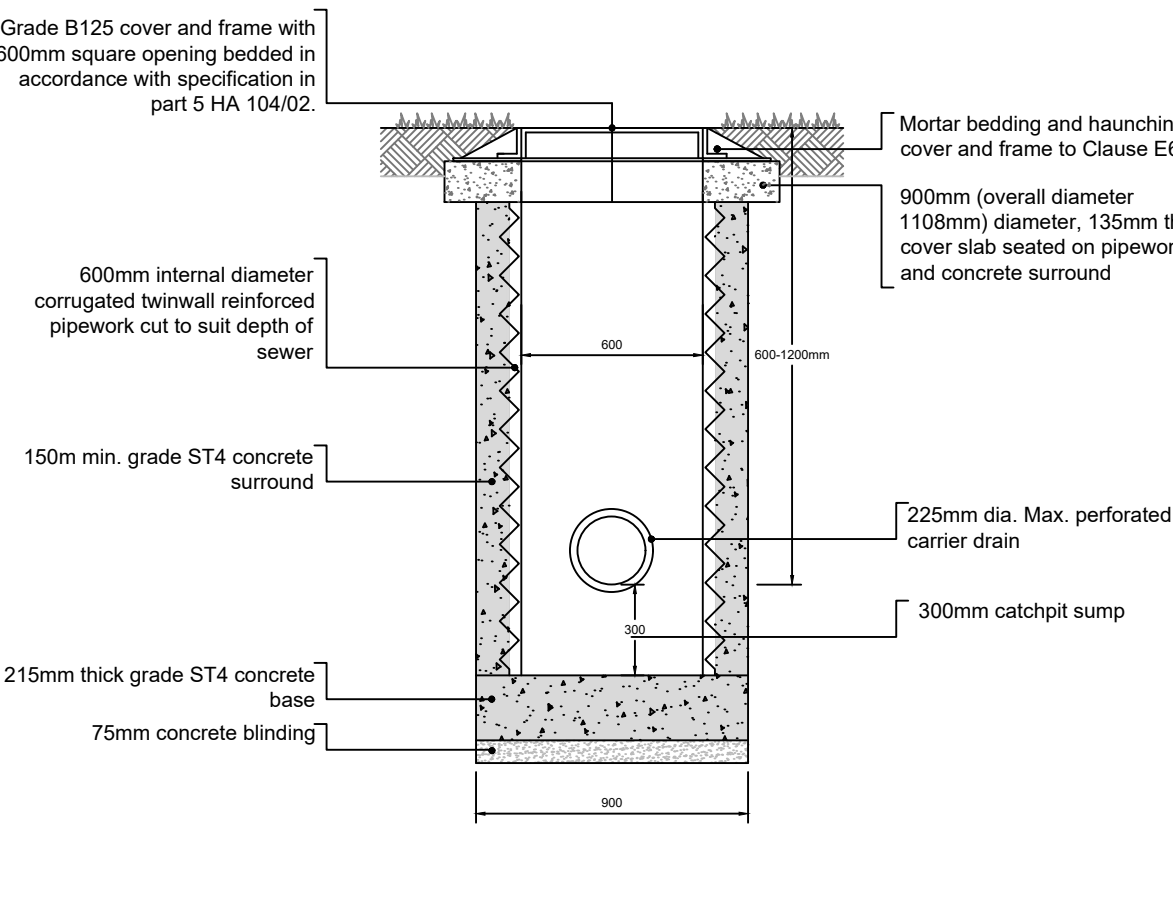
TYPE 2 MANHOLE DETAIL (DEPTH OF COVER TO SOFFIT OF PIPE MAX 3m)



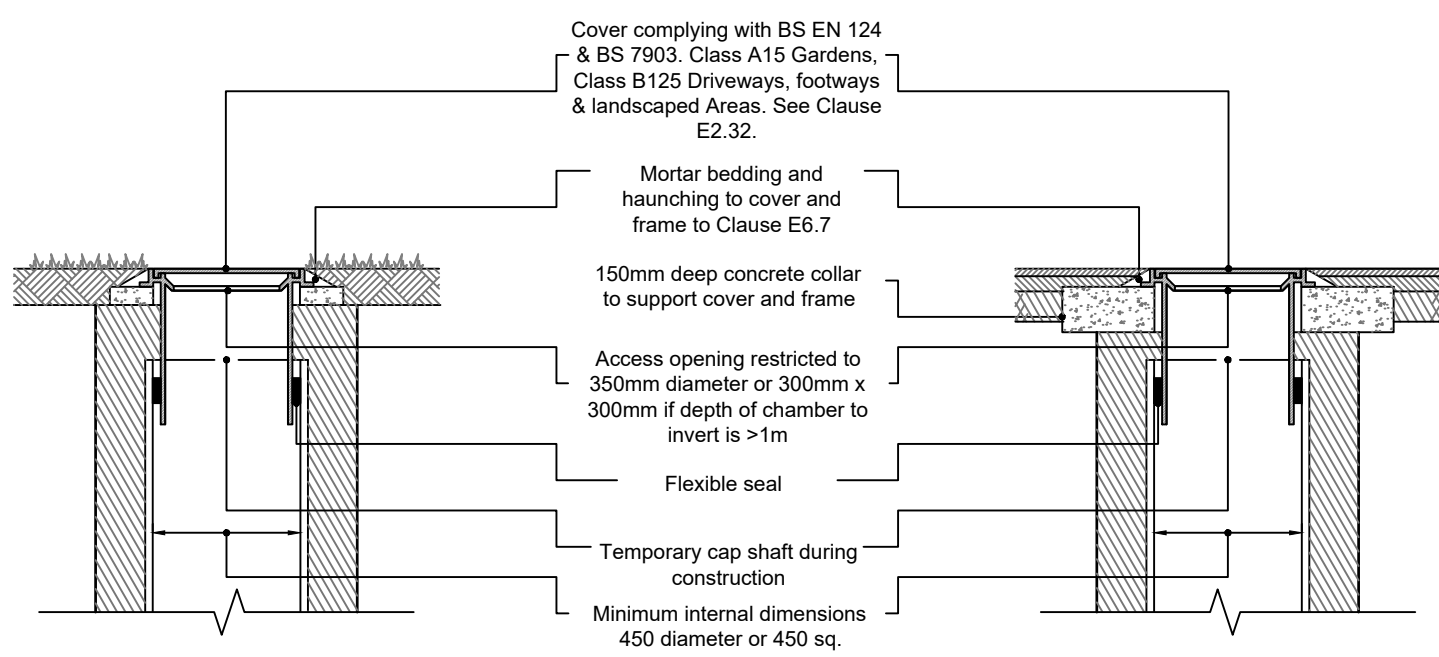
TYPICAL VERTICAL BACKDROP DETAIL (NOT TO SCALE)



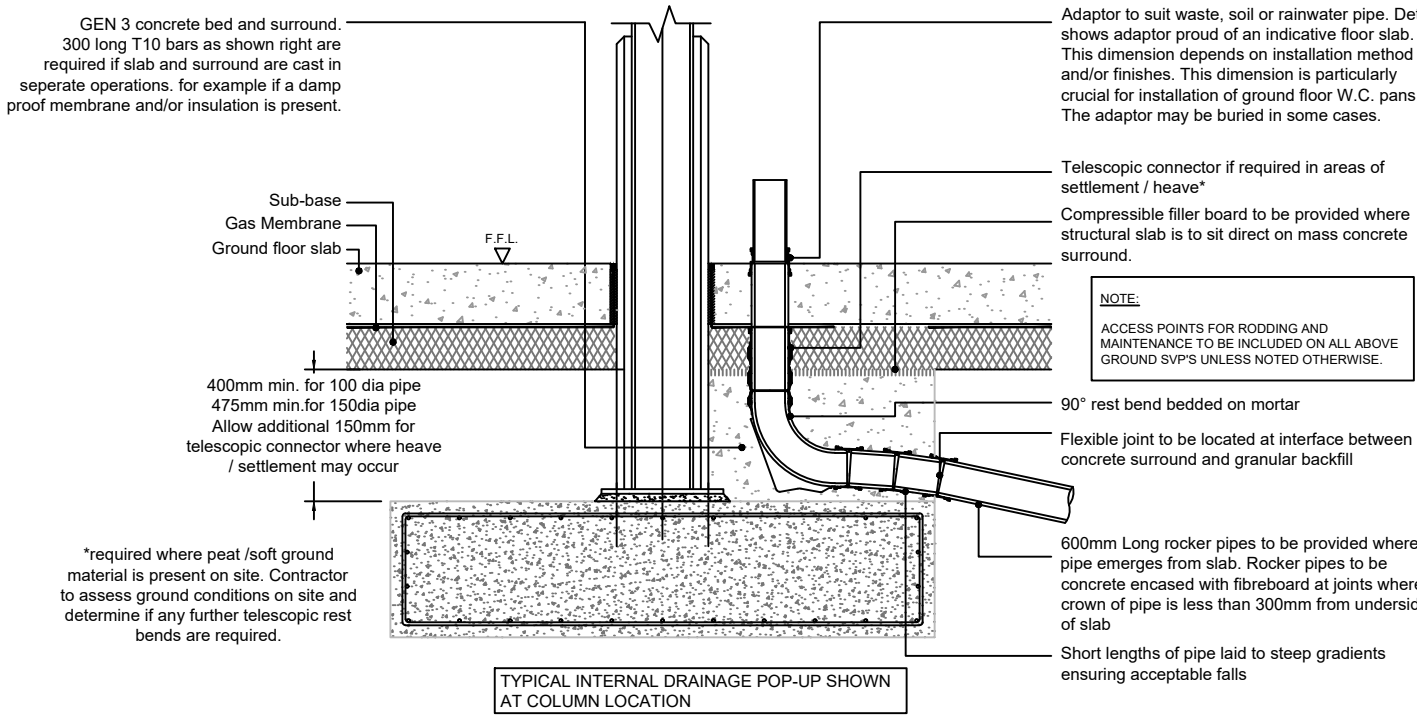
PRE-CAST CONCRETE CATCHPIT (NOT TO SCALE)



CATCHPIT MANHOLE (NO ENTRY)



ALTERNATIVE TOP DETAILS FOR LIGHT VEHICLE LOADING AND LANDSCAPED AREAS - TYPE 3 (NOT TO SCALE)



TYPICAL INTERNAL DRAINAGE POP-UP SHOWN AT COLUMN LOCATION

Manhole Notes:

Where appropriate, opening to be located centrally over 900mm shaft and offset approximately 200mm for 1200mm shaft with ladder. For additional details of manhole covers or alternative dimensions refer to Manhole Schedules.

Chambers with outgoing pipes greater than 600mm dia shall be fitted with guard bars, safety chains or other safety devices subject to the specific requirements of the water authority / Building Control.

All pipes entering the base of the manhole shall have soffits level unless stated otherwise on the drawings

Where the manhole depth is <3m deep use double step rungs complying with Clause E2.33, otherwise use a ladder complying with BS EN 14396 see Clause E2.37 of Sewer Sector Guidance.

Details shown here do not take account of high water tables. Refer to Manhole Schedules for any additional requirements to mitigate buoyancy.

Coordinates provided for setting out are for intersections of straight pipe runs. All manhole chambers are to be coordinated on site to ensure correct landing access is provided in line with the details shown.

P02	08.12.23	KT	UPDATED STAGE 3 ISSUE	JT	AW
P01	10.11.23	JT	STAGE 3	JT	AW
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS:	STAGE 3
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CLIENT:	RG GROUP
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ARCHITECT:	JON MATTHEWS ARCHITECTS
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PROJECT:	1 MEDLOCK ST MANCHESTER
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TITLE:	DRAINAGE STANDARD DETAILS SHEET 1
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SCALE @ A1:	N.T.S	CHECKED:	JT	APPROVED:	AW
PROJECT NUMBER:	23324	DESIGNED:	JT	DRAWN:	JT
				DATE:	NOV 2023

DRAWING No:	23324-ROS-00-00-DR-C-09601	REV:	P02
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