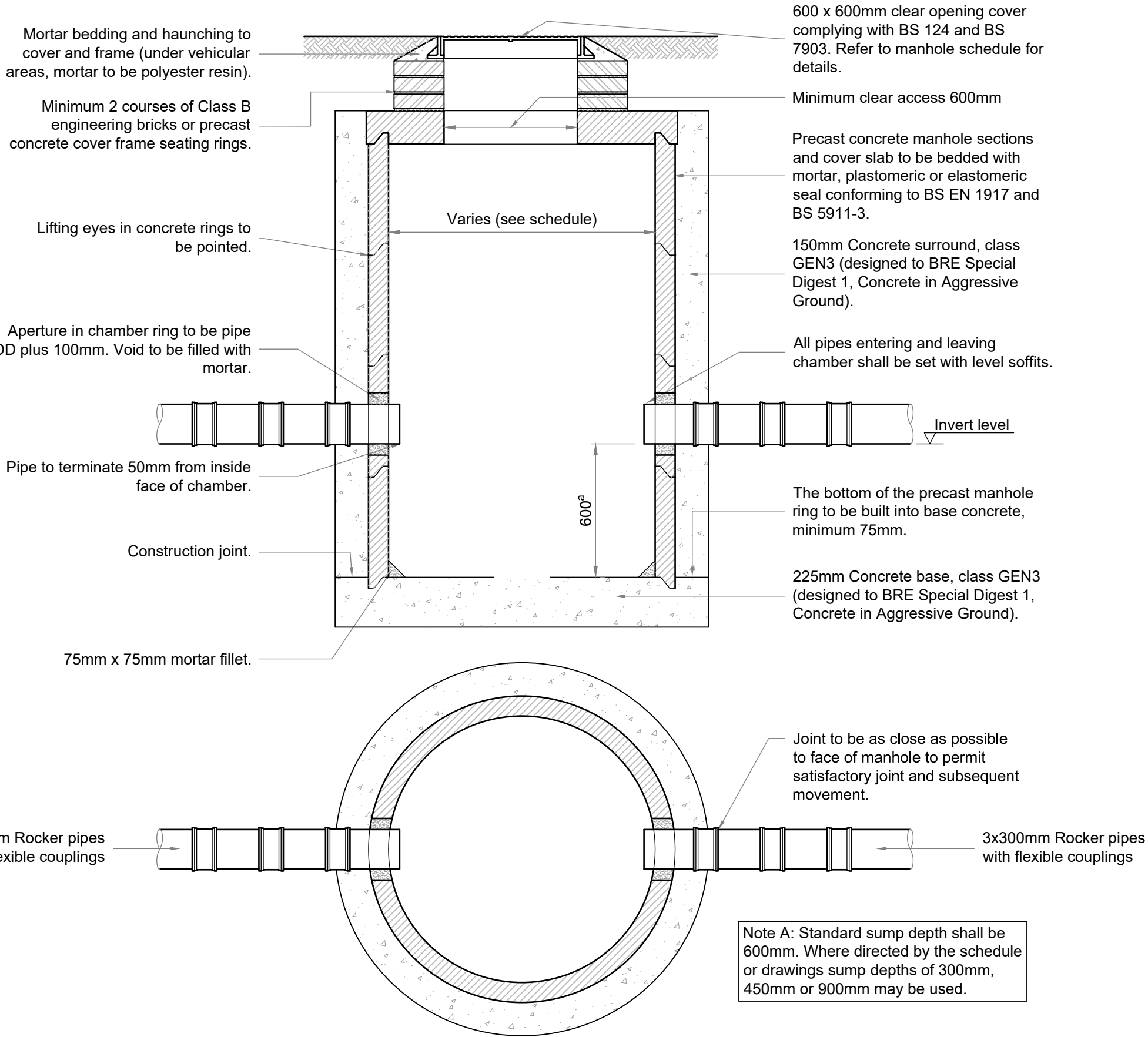
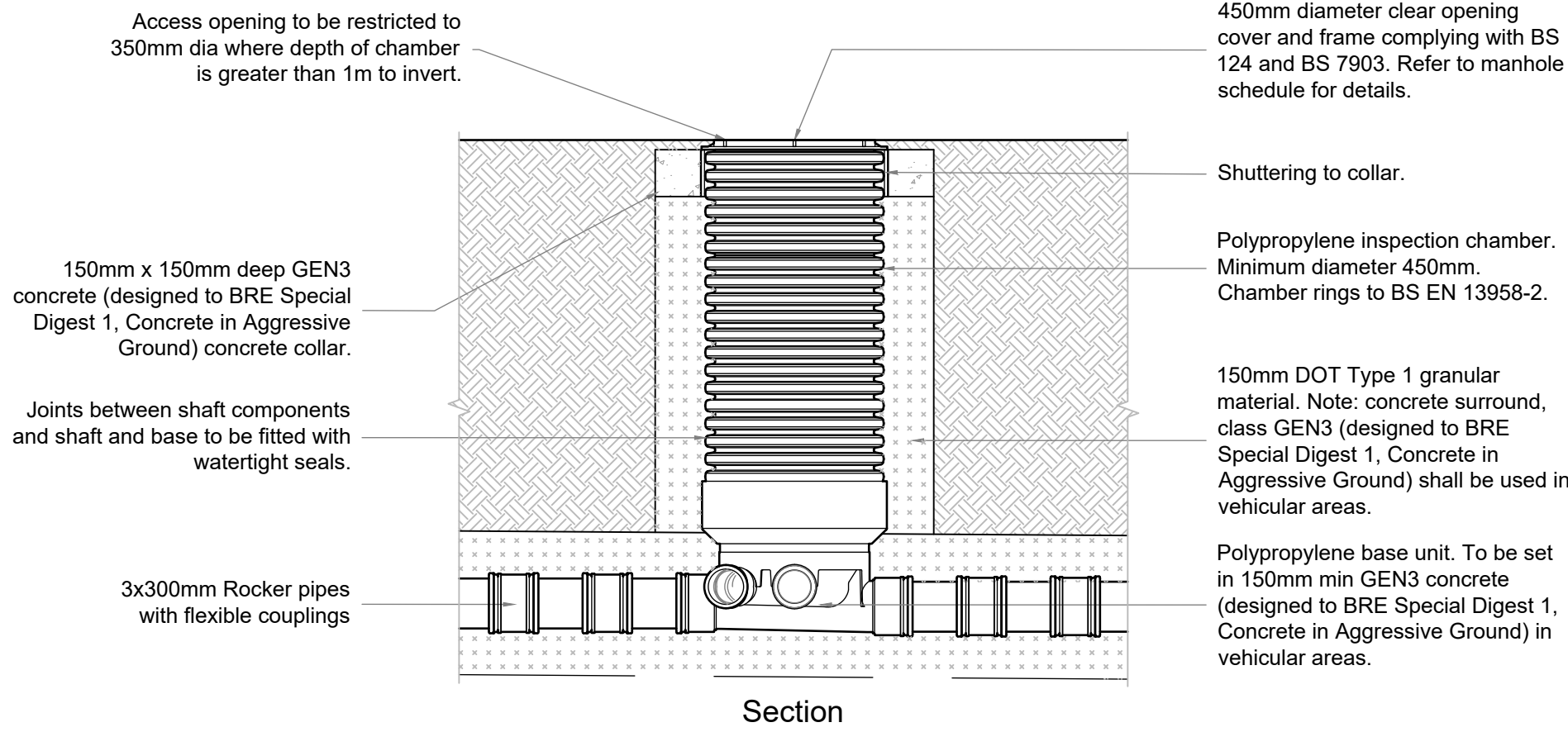
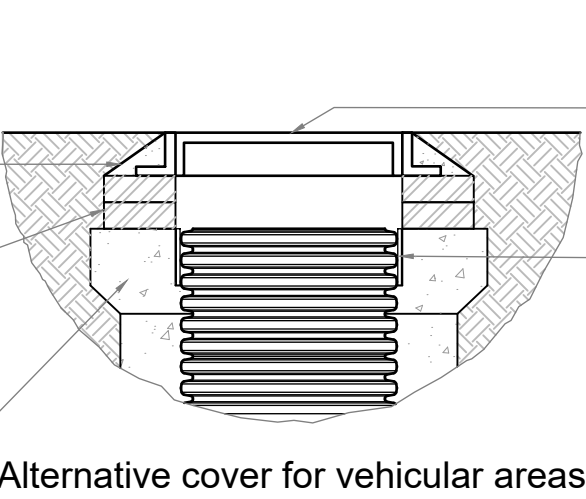




Catchpit Type CP1
(maximum depth from cover level to base 3.0m)
Scale 1:20

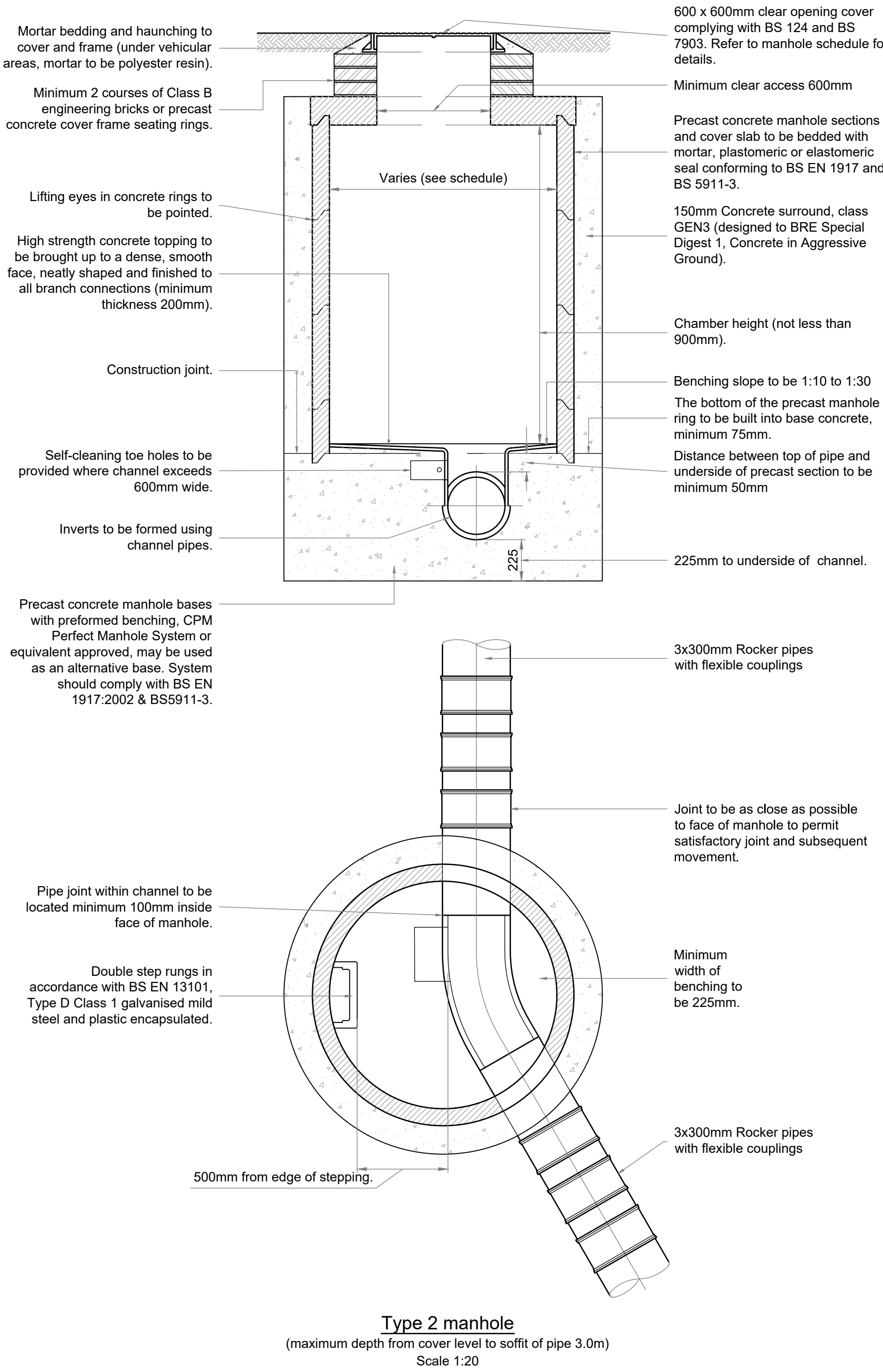
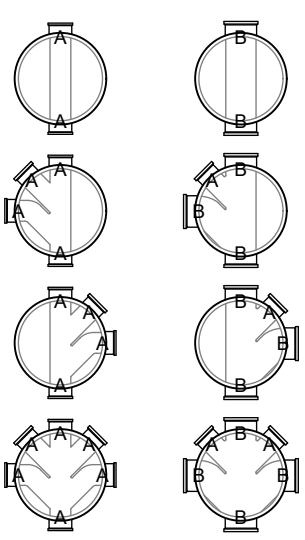


Section

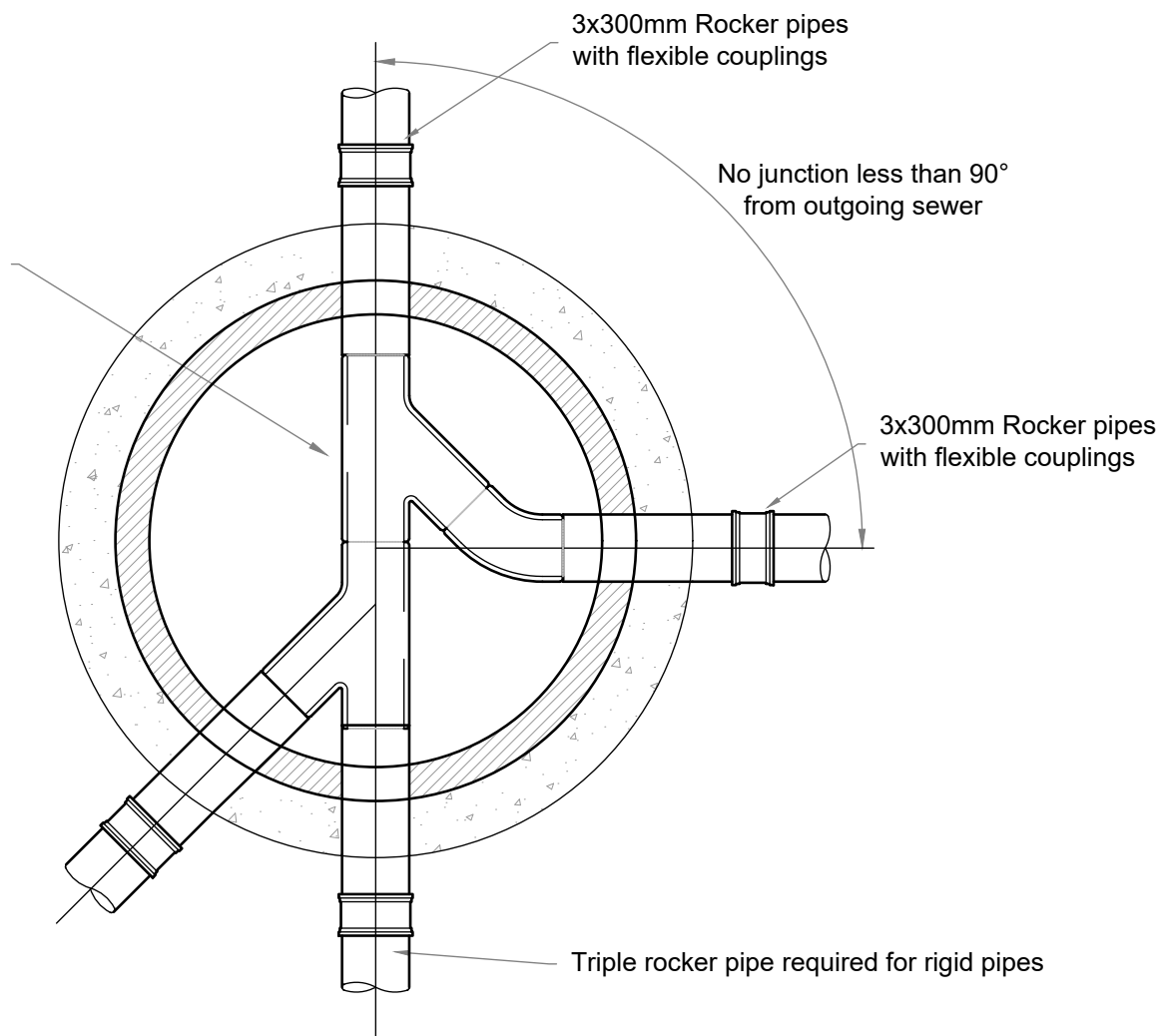


Inspection chamber (Type IC2)
Non-entry
Maximum depth to soffit 3.0m

Type IC2 preformed base layouts for 100 mm and 150 mm dia pipes. All unused inlets to be blanked off during installation.
A=100mm
B = 150mm



Preformed swept channels
Alternatively: Precast concrete manhole bases with preformed benching, CPM Perfect Manhole System or equivalent approved, may be used as an alternative base. System should comply with BS EN 1917:2002 & BS5911-3.



Rigid pipes built into manhole should have 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.

Typical arrangement of pipe junctions within manholes
Scale 1:20

Table D1: Chamber diameters	
Nominal internal diameter of largest pipe in manhole (mm)	Minimum nominal internal dimension of manhole (mm)
Less than 375	1200
375 - 450	1300
500 - 700	1500
750 - 900	1800
Greater than 900	Pipe diameter + 900

Table D2: Rocker pipe lengths	
Nominal diameter (mm)	Maximum effective length (mm)
150 - 600	600
601 - 750	1000
Over 750	1250

Notes

- Do not scale from this drawing on print or electronically. Work from figured dimensions only.
- No deviation from the details on this drawing is allowed without CampbellReith's prior permission in writing.
- Read this drawing with all Architect's, Service Engineer's and CampbellReith's relevant details, specifications and drawings.
- All work is to be done in accordance with the relevant specifications issued by CampbellReith, British Standard Codes of Practice, Statutory Requirements and the Contract Documents.
- Drawing status:**
P: Preliminary Evolving drawings for approvals, tenders, billings etc.
C: Construction Fully developed drawings issued under instructions for construction.
- Only status C drawings to be used for construction.
- Suitability code:

Work in progress

S0 - Work in progress

Shared (Non-contractual)

S1 - For coordination, **S2** - For information, **S3** - For internal review and comment, **S4** - For construction approval.
Documentation (For contractors purposes)

D1 - For Costing, **D2** - For Tender, **D3** - For contractor design, **D4** - for manufacture/procurement.
Construction

A - For construction, **B** - For construction but with comments (i.e. areas in abeyance), **CR** - Construction Record (Final Construction ONLY). Any deviations to that which is on site is not the liability of CampbellReith)

P1	Issued for Tender	02.07.21	SH
Rev	Description	Date	By

CampbellReith
consulting engineers

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Bristol	0117 916 1066	☐ Dubai	00 971 4345 7088
www.campbellreith.com			

Job Title	Central Arun Crematorium
Client	Westerleigh

Drainage Construction Details Sheet 1

Drawn by	Date made	Scale @ A1	Checked by	Suitability	CR Project
SH	June'21	As shown	AJH	S2	13591

Project No.	Originator	Volume	Lvl/Loc	Type	Role	Number	Rev
13591	CRH	XX	XX	DR	C	5301	P1