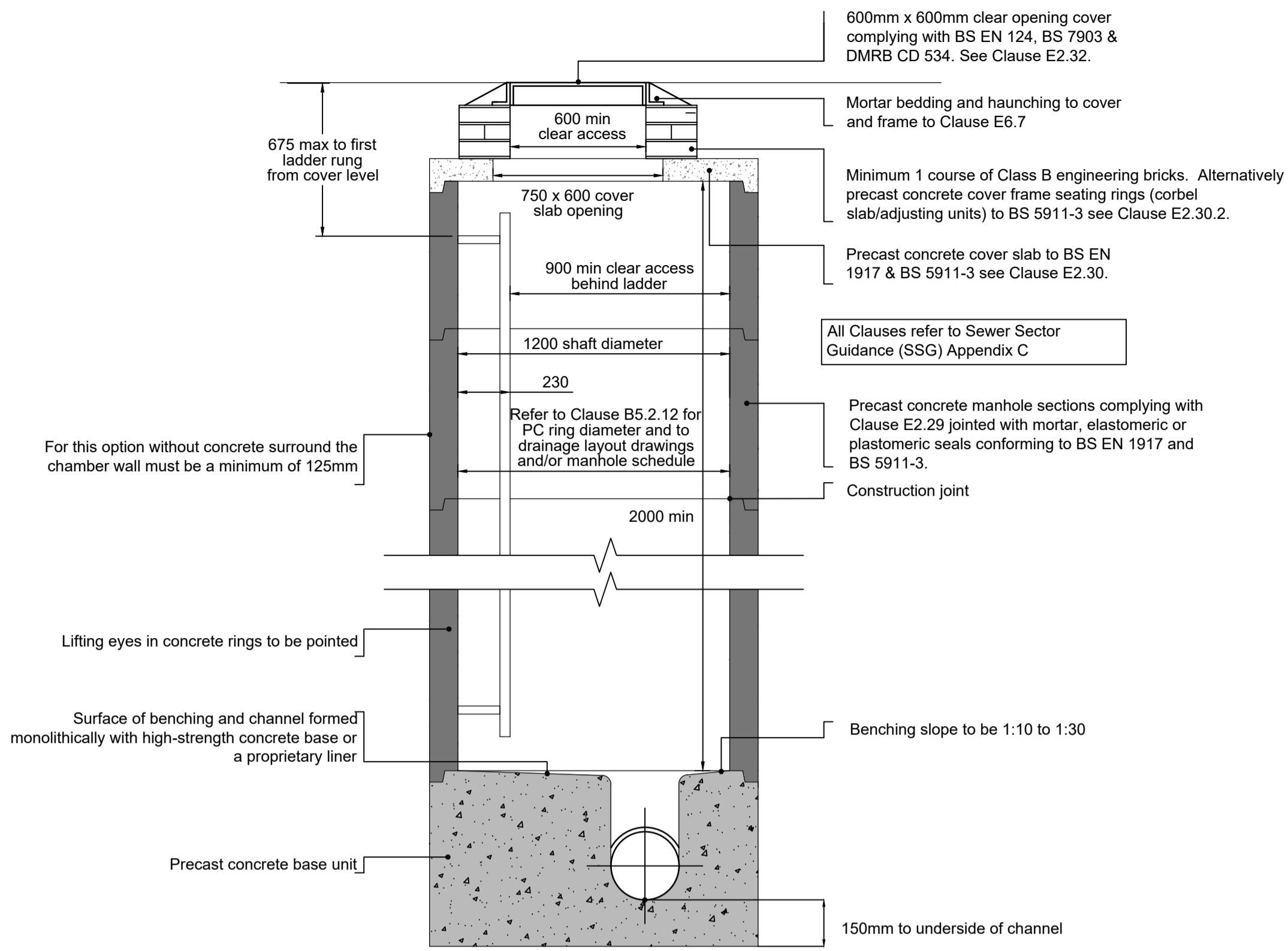
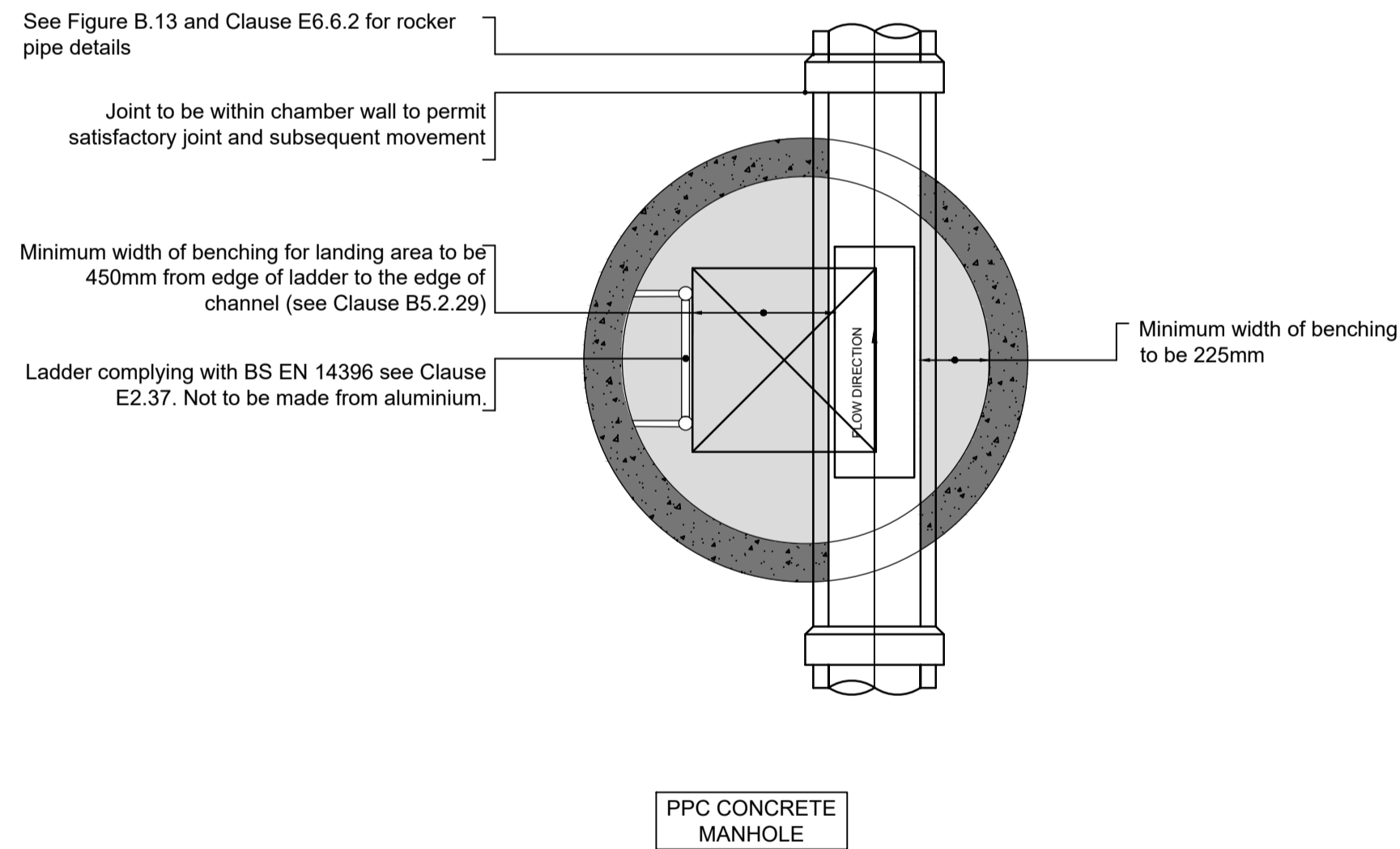


**Notes**

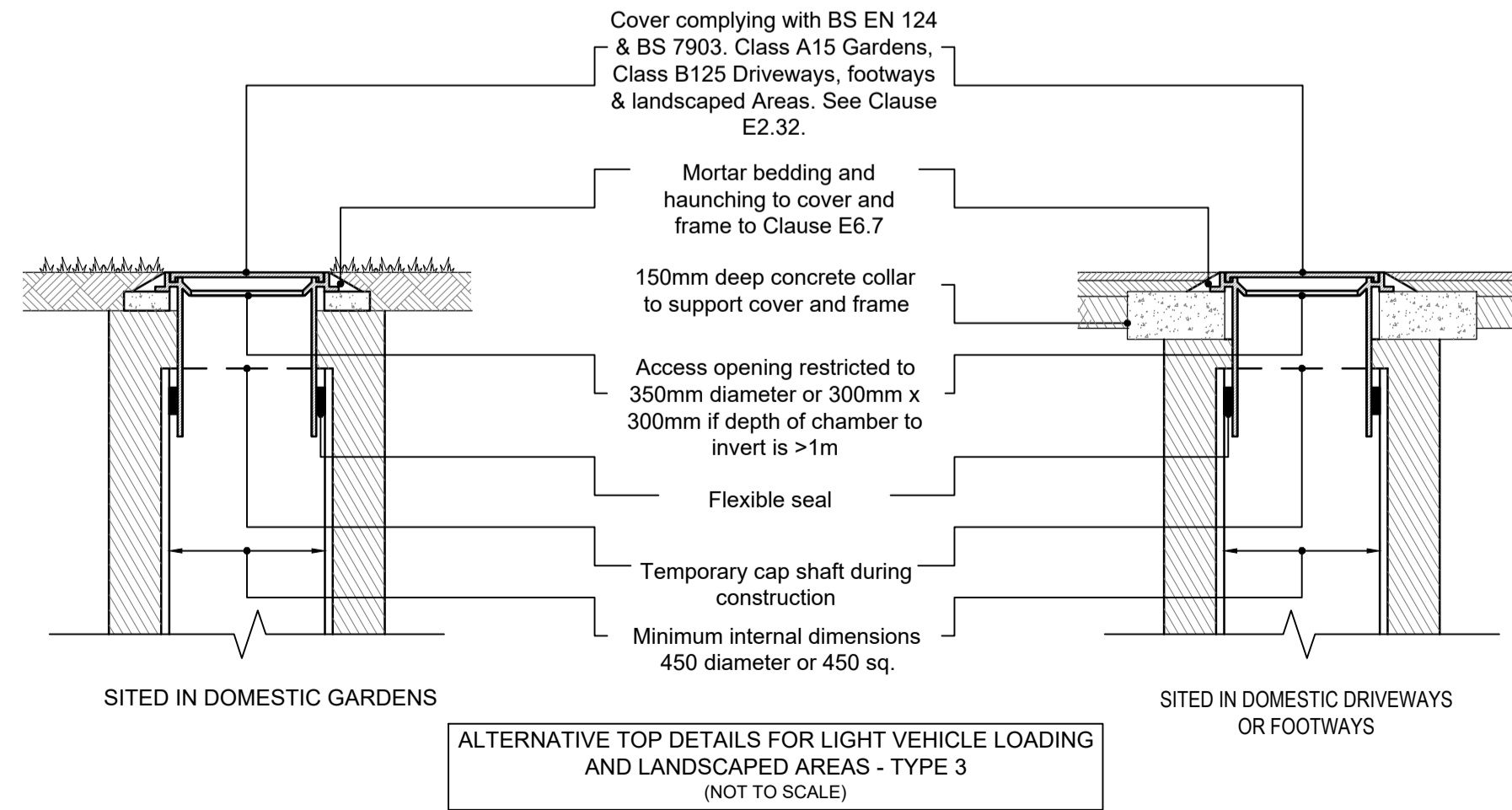
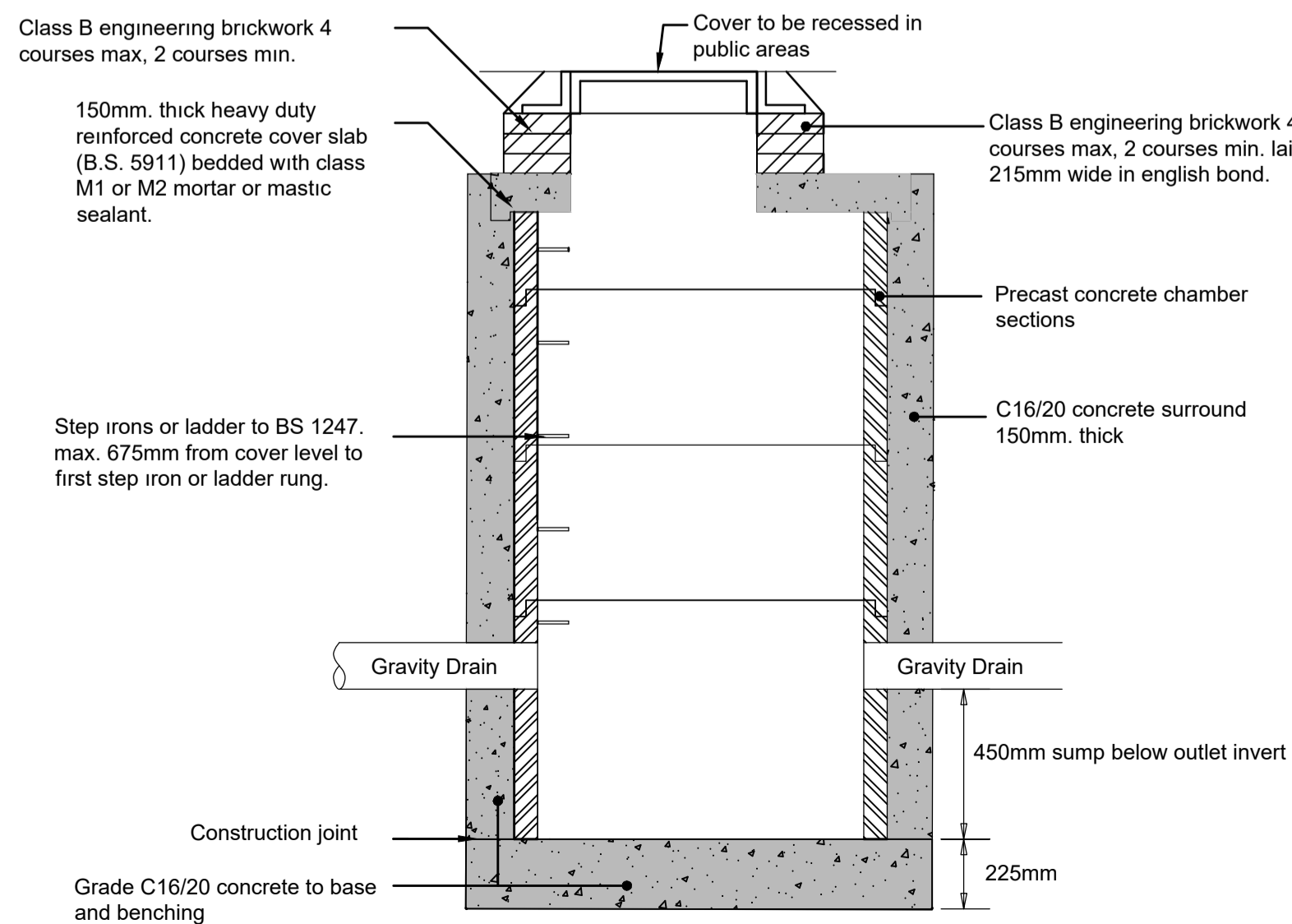
1. Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
2. This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
3. All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
4. Any discrepancies noted on site are to be reported to the engineer immediately.



TYPE A2 TYPICAL MANHOLE DETAIL (BASED ON SSG FIGURE B6)  
DEPTH OF COVER TO SOFFIT OF PIPE 3m TO 6m WITH LADDER  
RIGID MATERIAL CONSTRUCTION WITHOUT CONCRETE SURROUND  
(SCALE 1:25)



PPC CONCRETE MANHOLE



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

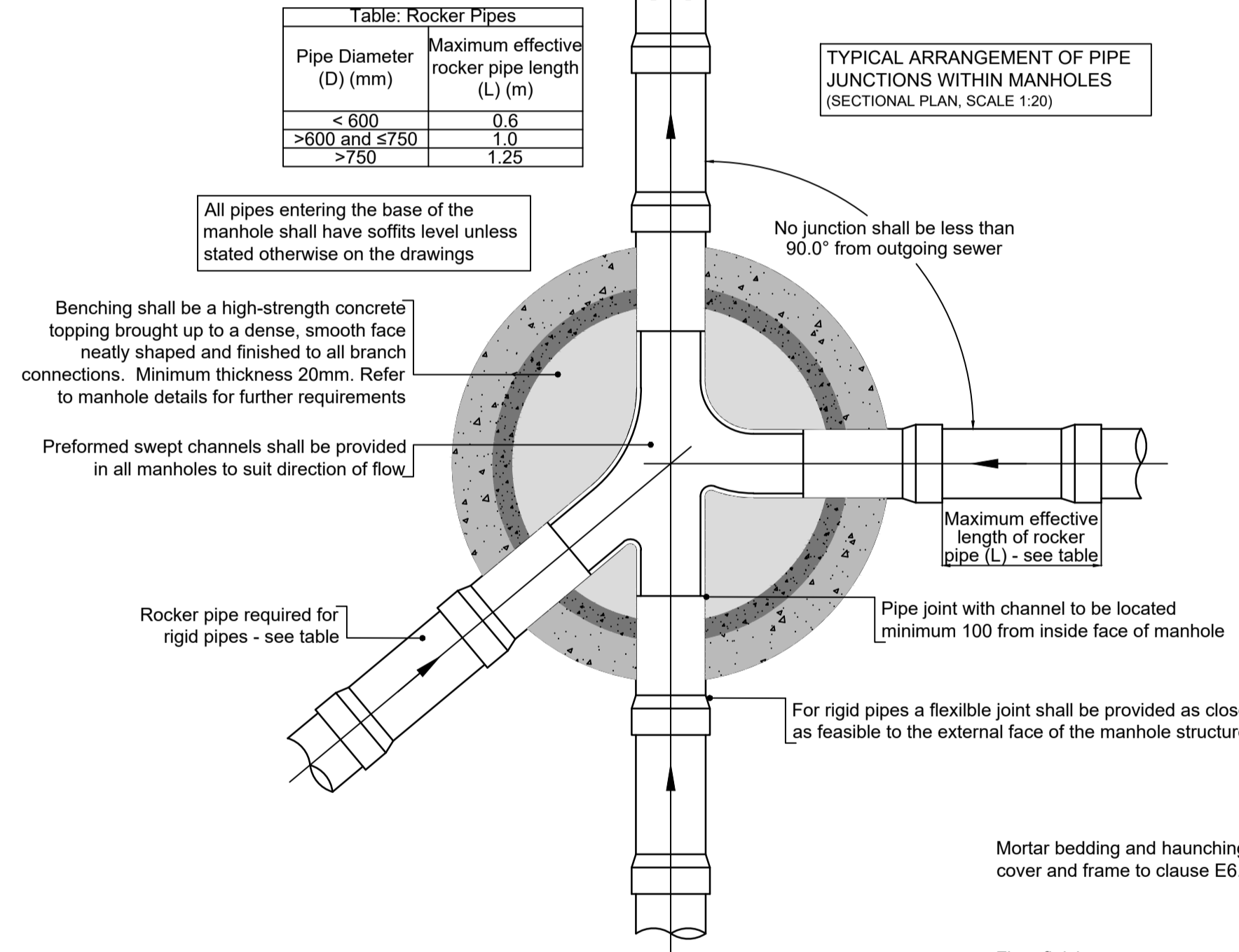


Table: Rocker Pipes	
Pipe Diameter (D) (mm)	Maximum effective rocker pipe length (L) (m)
< 600	0.6
>600 and ≤750	1.0
>750	1.25

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

Benching shall be a high-strength concrete topping brought up to a dense, smooth face neatly shaped and finished to all branch connections. Minimum thickness 20mm. Refer to manhole details for further requirements

Preformed swept channels shall be provided in all manholes to suit direction of flow

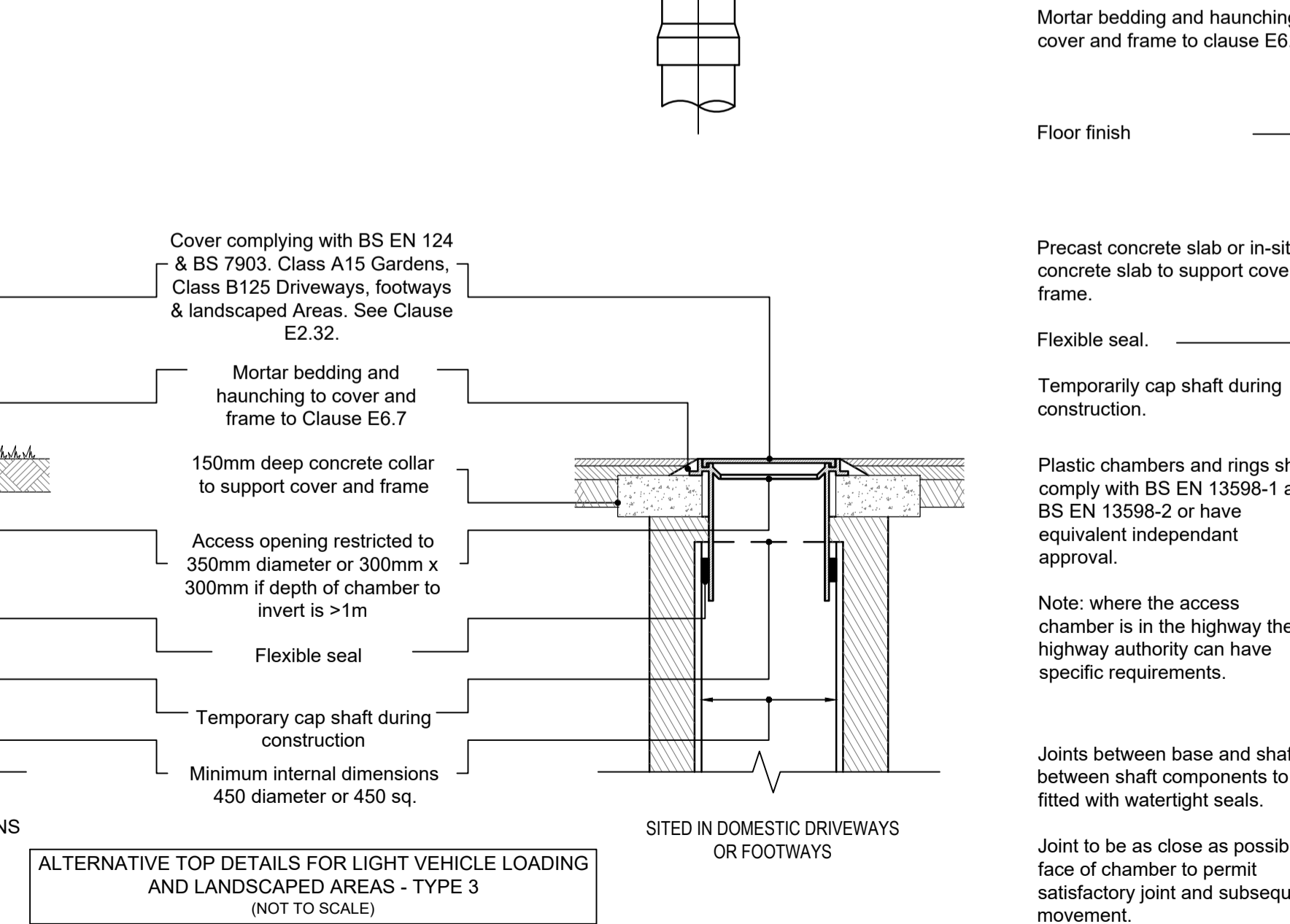
Rocker pipe required for rigid pipes - see table

For rigid pipes a flexible joint shall be provided as close as feasible to the external face of the manhole structure

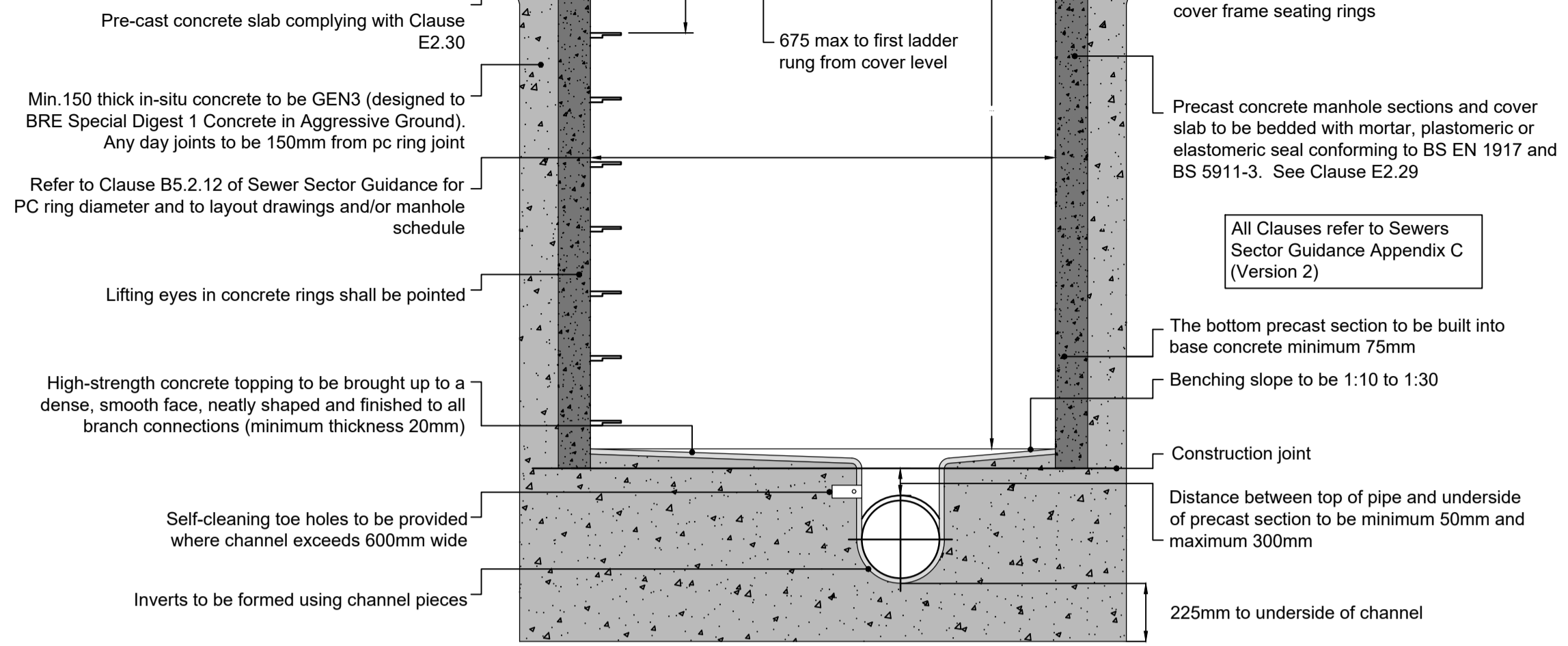
Maximum effective length of rocker pipe (L) - see table

Pipe joint with channel to be located minimum 100 from inside face of manhole

No junction shall be less than 90.0° from outgoing sewer



Typical inspection chamber detail - Type D (Depth from cover level to soffit of pipe up to 2m)



TYPE B MANHOLE DETAIL (DEPTH OF COVER TO SOFFIT OF PIPE 1.5m to 3m)  
RIGID MATERIAL WITH CONCRETE SURROUND

P03	29.06.23	Tender Issue	DA	JB
P02	10.08.22	Tender Issue	CO	JB
P01	07.01.22	Tender Issue	DC	EV
Rev	Date	Details of issue / revision	Drw	Rev

**Issues & Revisions**

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Client  
**Henry Boot Developments**

Project Title  
**Tewin Road, Welwyn Garden City**

Drawing Title  
**Drainage Standard Details Sheet 1**

Drawn:	D. Cronin	Reviewed:	E. Veillard
BWB Ref:	LNH 2043	Date:	07.01.22
Scale:	@A1: 1:20		

Drawing Status  
**Tender**

Project - Originator - Zone - Level - Type - Role - Number  
**TRW-BWB-GEN-XX-DR-C-0560**

Status  
**D2**

Rev  
**P03**