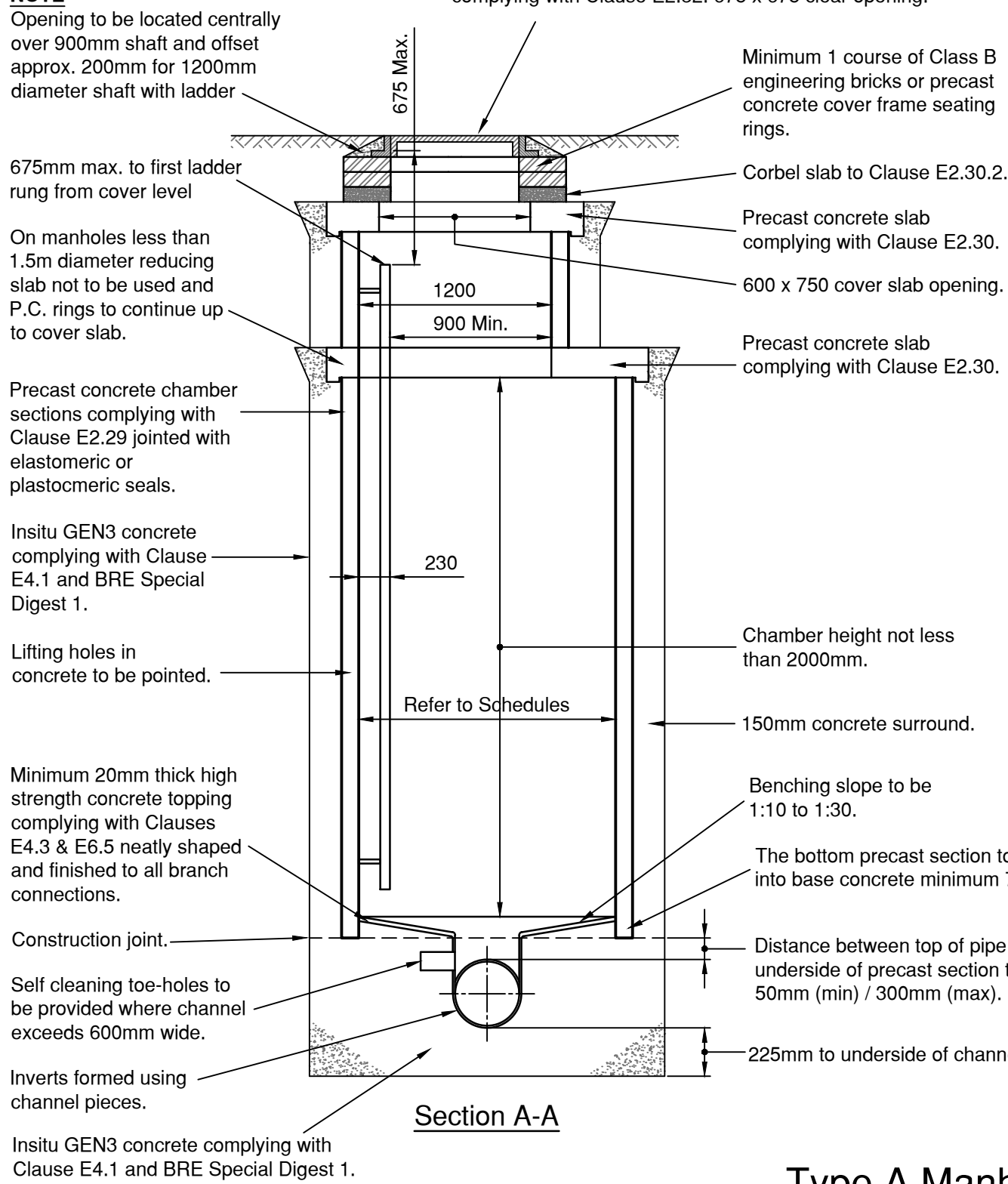


Mortar bedding and haunching to cover and frame to Clause E6.7.

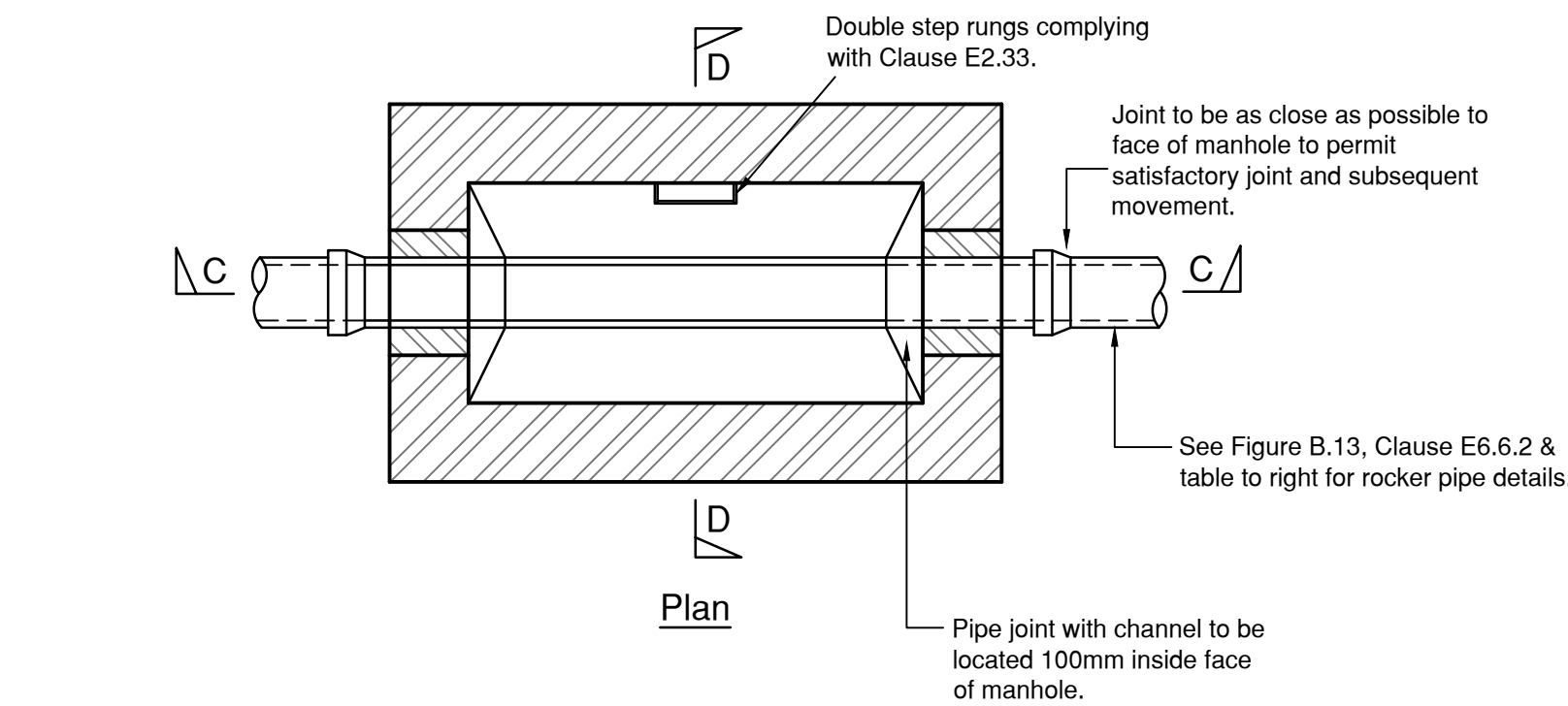
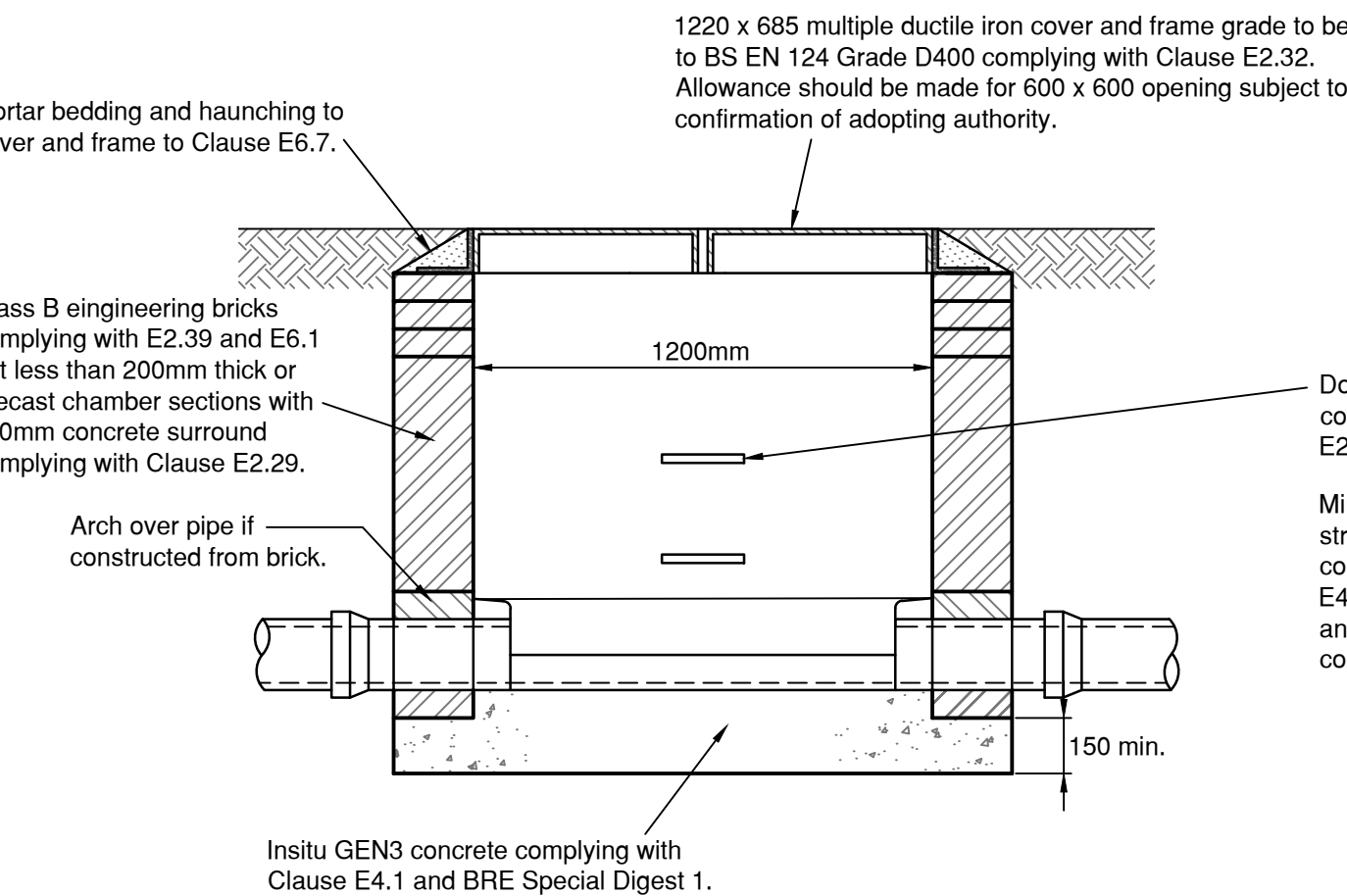
NOTE
Opening to be located centrally over 900mm shaft and offset approx. 200mm for 1200mm diameter shaft with ladder



Type A Manhole

Depth from cover level to soffit of pipe 3.0m to 6.0m

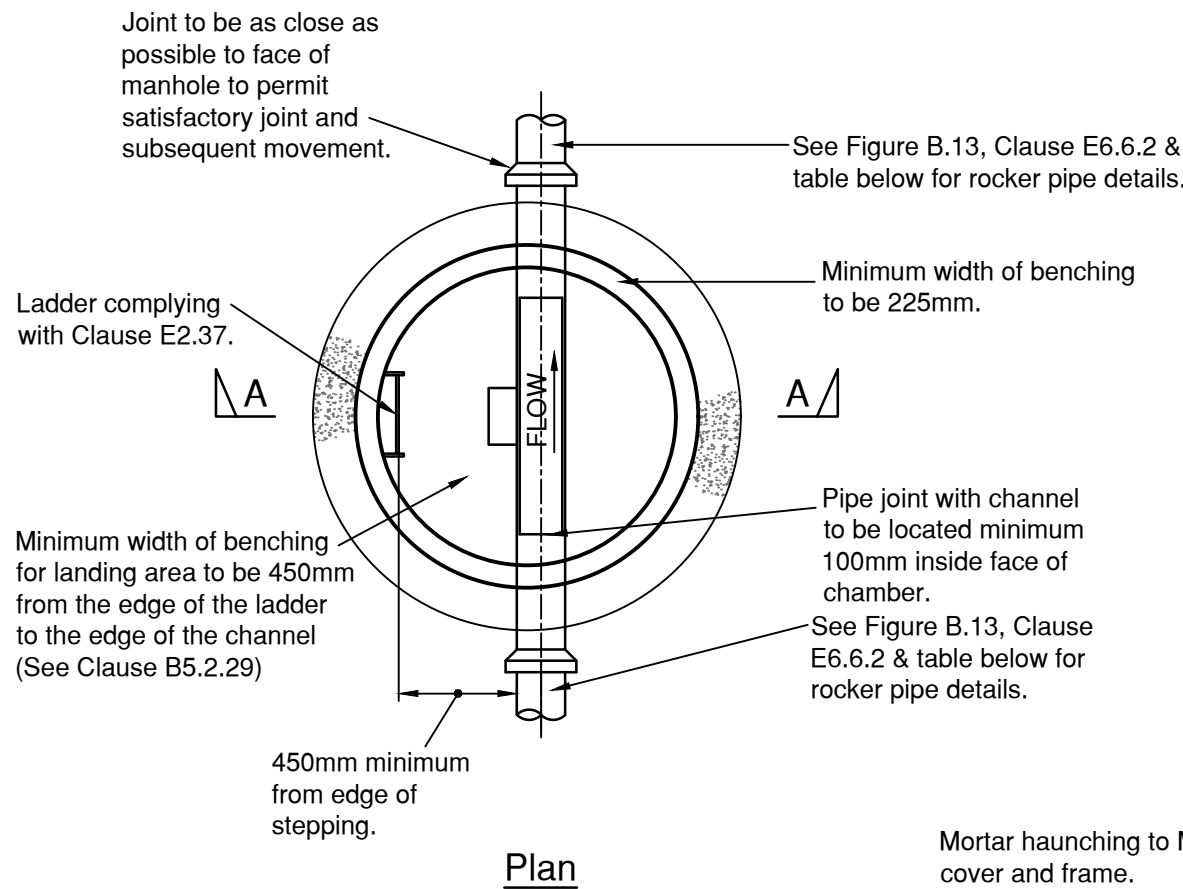
Based on Figure B24 - SSG Appendix C Design and Construction Guidance v2.3



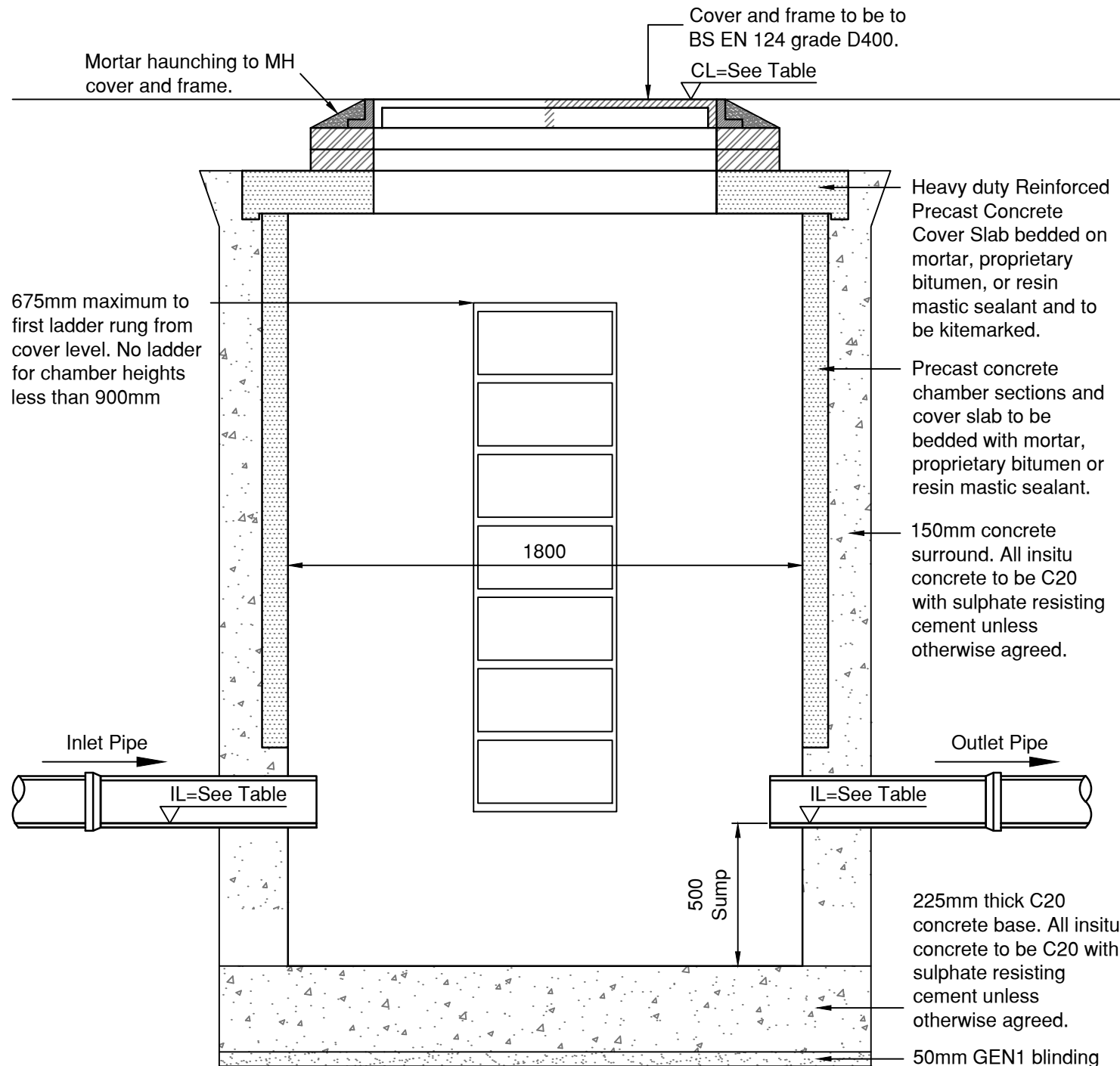
Type C1 Manhole

Depth from cover level to soffit of pipe less than 1.5m

Based on Figure B33 - SSG Appendix C Design and Construction Guidance v2 .3

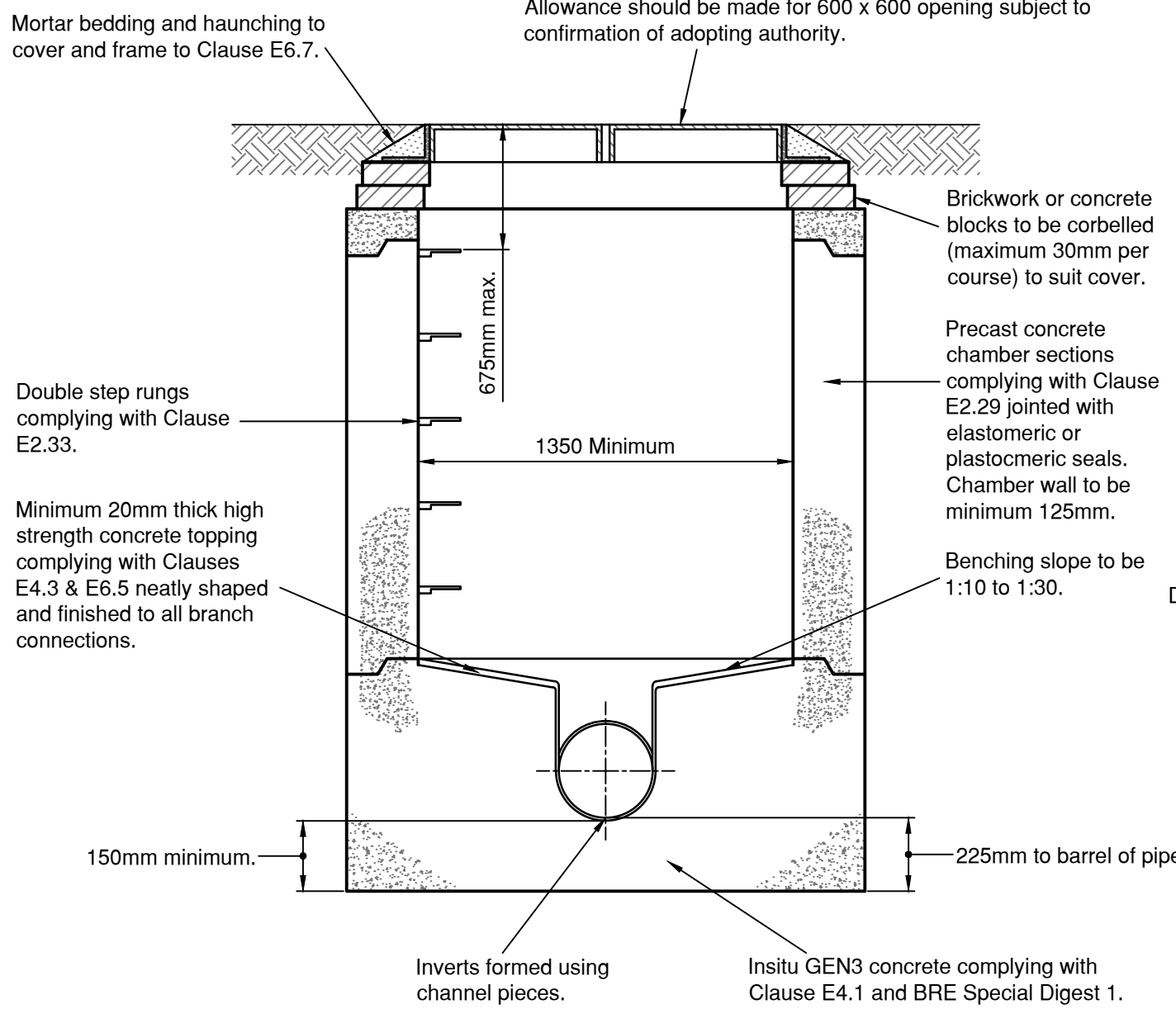


Rocker Pipe Lengths	
Nominal Dia (mm)	Effective Length (m)
150 - 600	0.6
601-750	1.00
over 750	1.25



Typical Catchpit Construction Detail

Refer to Drainage Manhole Schedules FOR/E5139/450 to 472 for Catchpit Locations

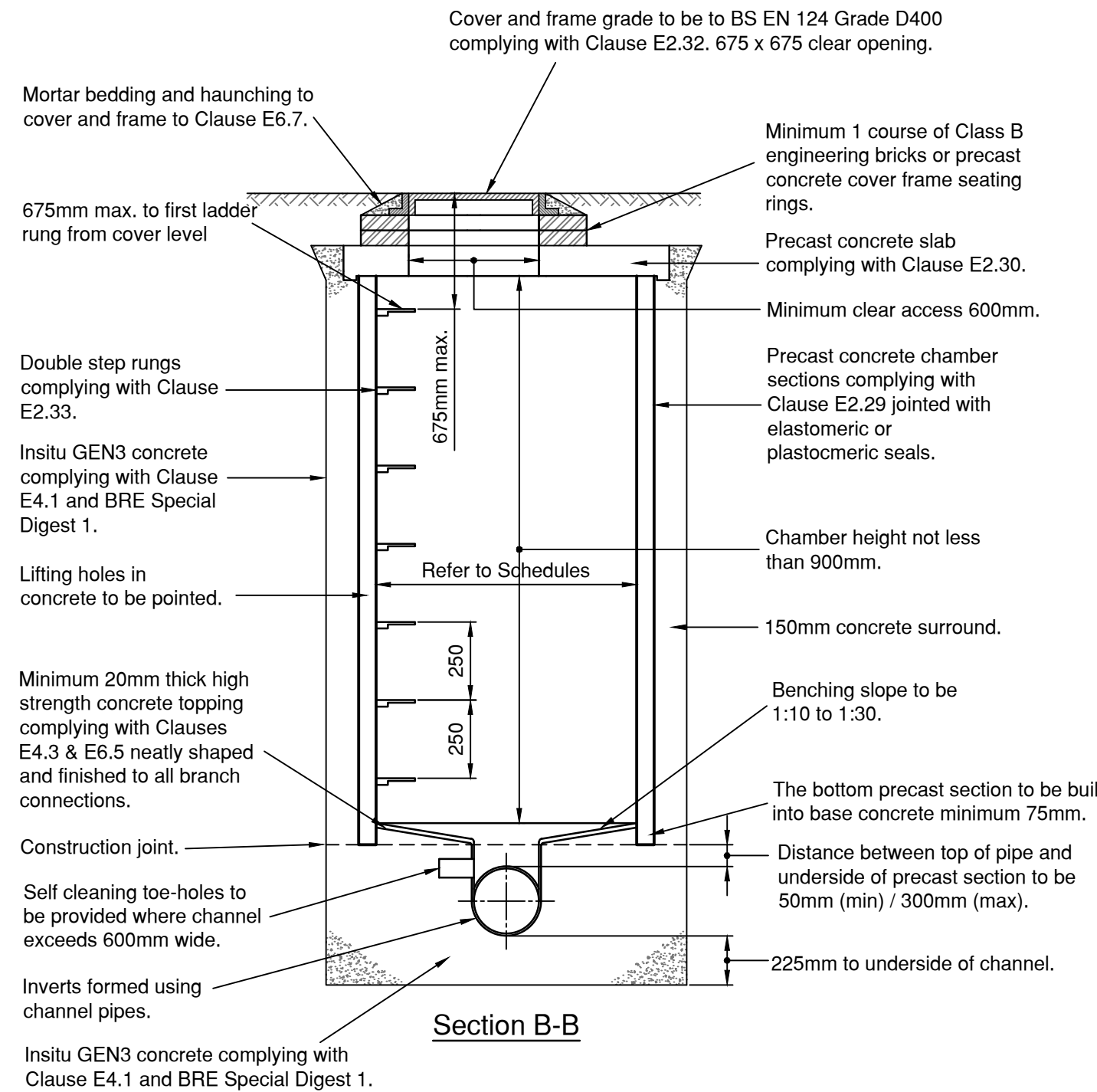


Type C2 Manhole

Depth from cover level to soffit of pipe less than 1.5m

Based on Figure B15 - SSG Appendix C Design and Construction Guidance v2.3

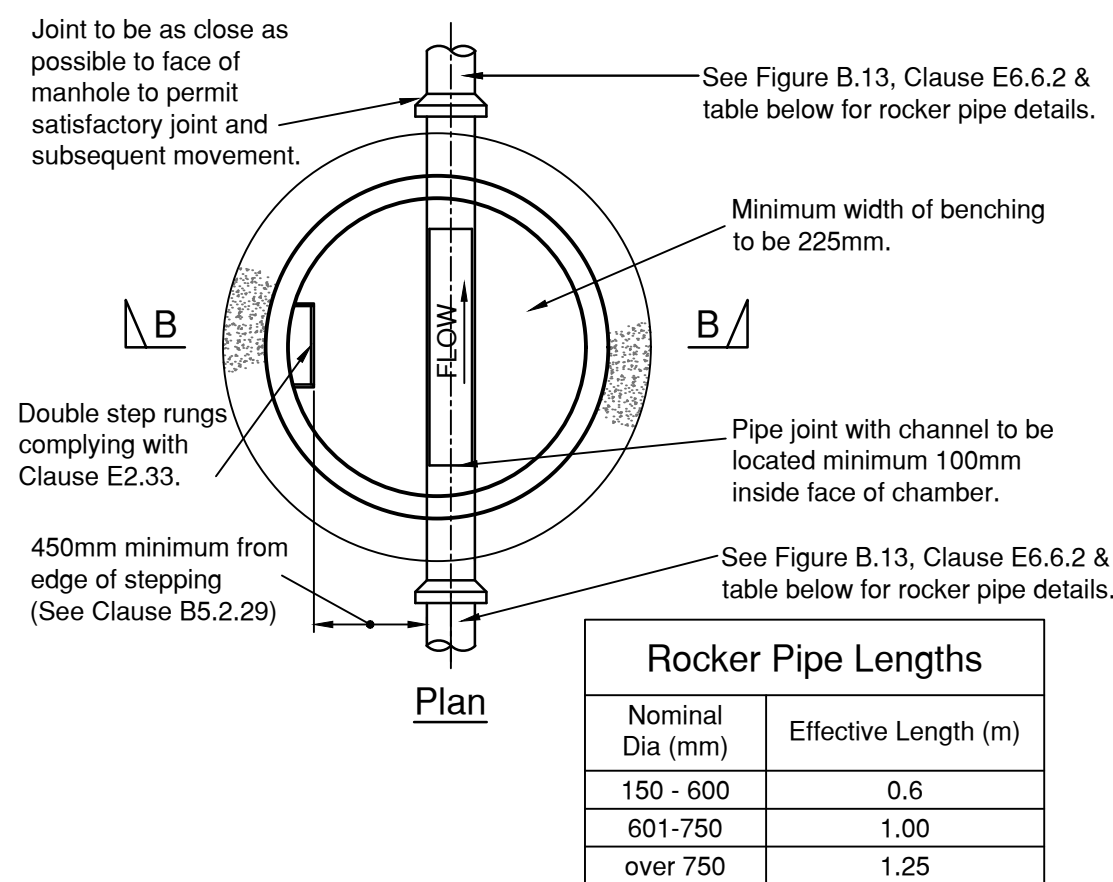
(Maximum pipe size 450mm diameter)



Type B Manhole

Depth from cover level to soffit of pipe 1.5m to 3.0m

Based on Figure B10 - SSG Appendix C Design and Construction Guidance v2.3

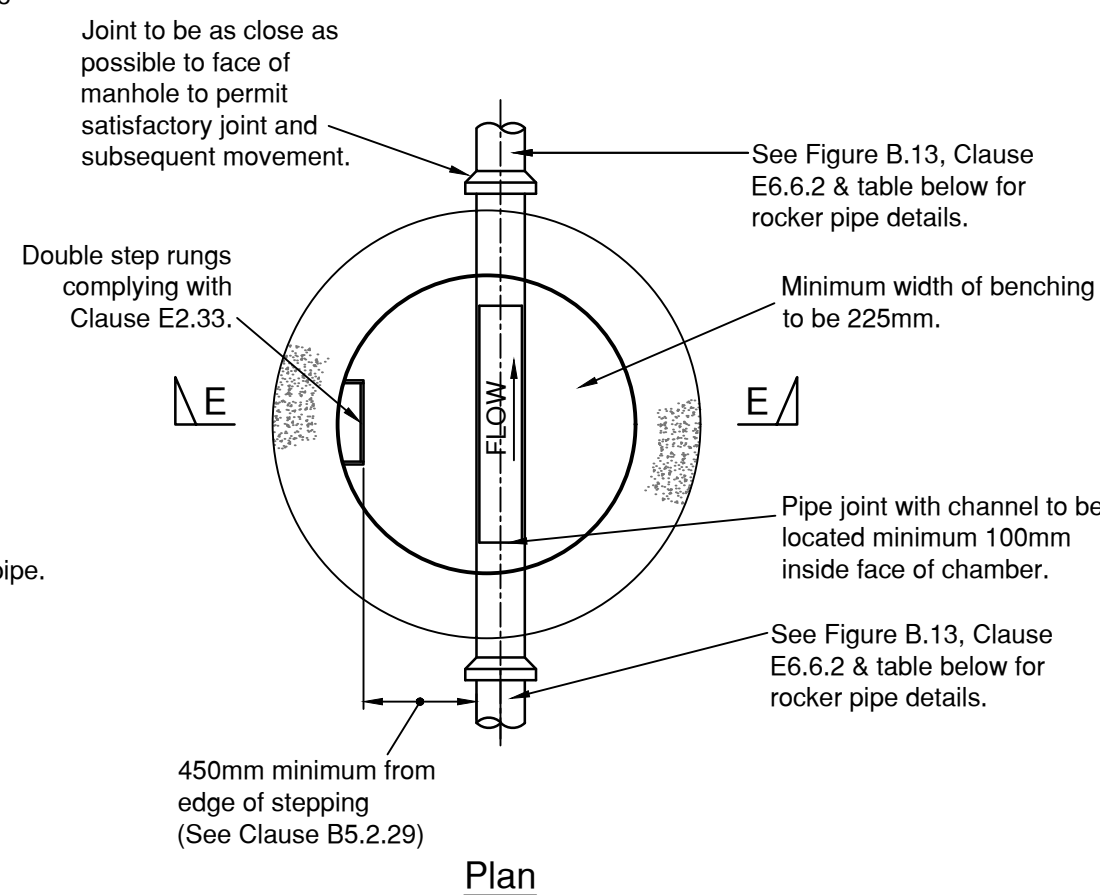


Rocker Pipe Lengths	
Nominal Dia (mm)	Effective Length (m)
150 - 600	0.6
601-750	1.00
over 750	1.25

NOTES

- Internal dimensions of manhole normally 1350mm but manhole diameter should be increased for pipes larger than 450mm diameter to give 225mm benching in accordance with Clause B5.2.29.**
- The use of precast concrete chamber units to Clause E2.29 with 150mm GEN3 in-situ concrete complying with Clause E4.1 and BRE Special Digest 1 in place of brickwork construction is permitted, subject to Adopting Authority Approval.

Rocker Pipe Lengths	
Nominal Dia (mm)	Effective Length (m)
150 - 600	0.6
601-750	1.00
over 750	1.25



NOTES

- This drawing should be read in conjunction with other Section 104 Drainage Construction Details, Foul and Surface Water Sewer Longitudinal Sections (200 Series), Foul Water Sewer and Surface Water Sewer Manhole Schedules (400 Series) & Domestic Drainage Layouts (450 Series).
- All dimensions are in millimetres unless stated otherwise.
- Do not scale from this drawing. Only written dimensions are to be used.
- 150mm diameter pipework to be extra strength vitrified clay to BS EN 295 or BS 69 on Class S bed & surround.
- 225mm diameter pipework to be extra strength vitrified clay to BS EN 295 or BS 69 or concrete Class M to BS5911 on Class S bed & surround.
- 300mm diameter and greater pipework to be concrete Class M to BS5911 on Class B bed.
- All construction to be in accordance with SSG Appendix C Design and Construction Guidance Version 2.3 dated 11 November and the specific requirements of IWNL.
- Refer to geotechnical report for sulphate resisting class and ACEC class.
- Outgoing pipes greater than 600mm diameter should be fitted with guard bars, safety chains (to BS EN 818-3) or other safety devices in accordance with the IWNL Water safety policy.**

SUBJECT TO ADOPTING AUTHORITY APPROVAL

Original Issue	
Rev.	Date
-	-



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Drawing Status
FOR TENDER
NOT FOR CONSTRUCTION

Client
Foreman Homes Ltd

Project
Land West of Church Lane & Horsemere Green Lane, Climping

Drawing Title
External Works Construction Details

Scale at A1 Date Drawn By Checked By Project No.
AS SHOWN Jul 25 JHL LDF D2385

Drawing Code Drawing No. Rev.
000-BPC-WD-ZZ-D-C C401 -