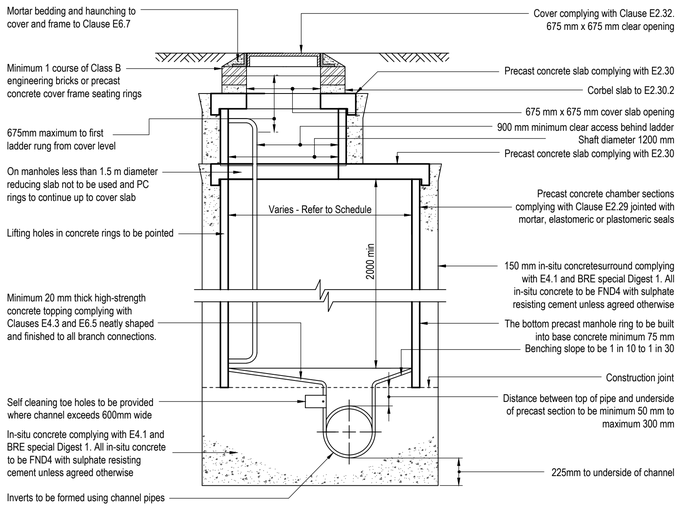
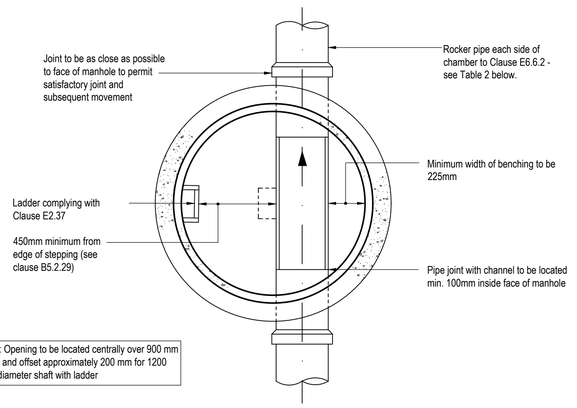


Vertical Section



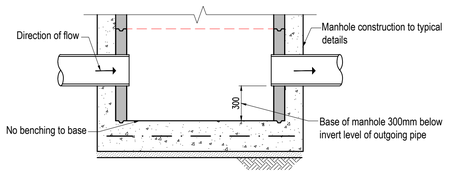
Note: Opening to be located centrally over 900 mm shaft and offset approximately 200 mm for 1200 mm diameter shaft with ladder

Plan Section

Typical Manhole Detail - Type 'A'

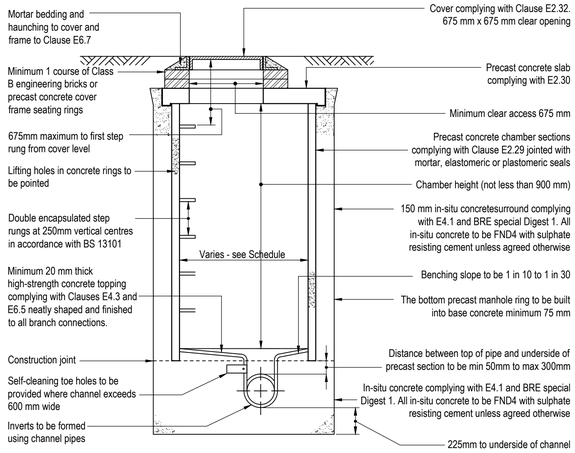
Dpeth from cover level to soffit of pipe 3 m to 6 m with ladder and reducing slab

Scale: 1:25

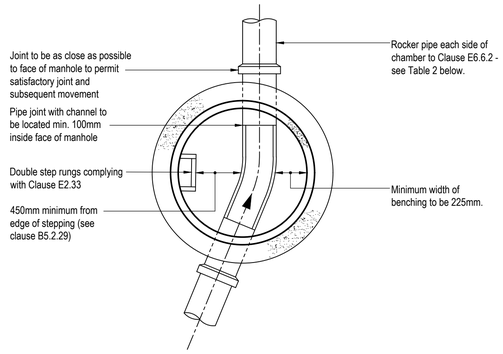


Typical Catchpit Manhole Detail - Type B

Scale: 1:25



Vertical Section



Plan Section

Typical Manhole Detail - Type B

Depth from cover level to soffit of pipe 1.5m to 3m

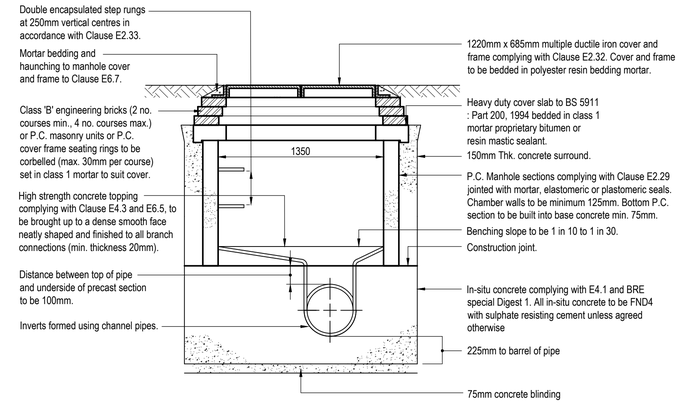
Scale: 1:25

Table 1 - Manhole Diameter

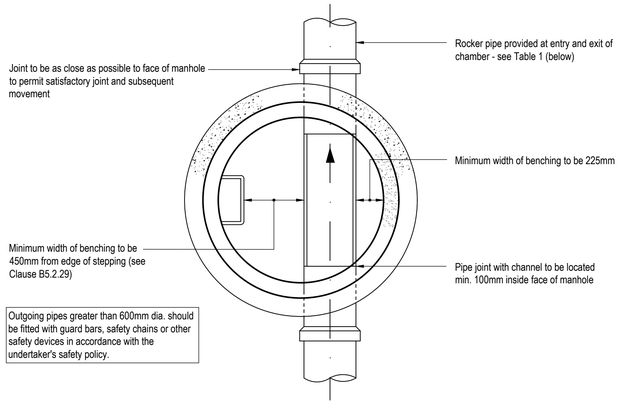
Diameter of Largest Pipe in Manhole (mm)	Internal Diameter of Manhole (mm)
Less than 375	1200
375 to 450	1350
500 to 700	1500
750 to 900	1800
Greater than 900	Pipe diameter + 900

Table 2 - Rocker Pipe Length

Nominal Diameter of Pipe (mm)	Effective Length (m)
150 to 600	0.6
601 to 750	1.0
750 and over	1.25



Vertical Section



Outgoing pipes greater than 600mm dia. should be fitted with guard bars, safety chains or other safety devices in accordance with the undertaker's safety policy.

Plan Section

Typical Manhole Detail - Type C

Depth from ground level to soffit of pipe 1.0m - 1.5m

Scale: 1:25

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Rev	Date	Description	Drn / Chk'd / App'd
P02	18/06/2025	Catchpit detail added.	SH / LC / LC
P01	16/04/2025	First Issue.	SH / LC / LC

Suitability: S3 - Suitable for Review & Comment

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Client: Halstead Homes (Yorkshire) Ltd

Job: Marsh Lane, Shepley

Title: Drainage Construction Details (Sheet 3 of 3)

Classification: FI_60_20

Scale @ A1: AS SHOWN

Project - Originator - Volume/System - Level/Location - Type - Discipline - Number: B26074 - JNP-XX-XX-DR-C-3112 (Document/Drawing Number)

Revision: P02

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