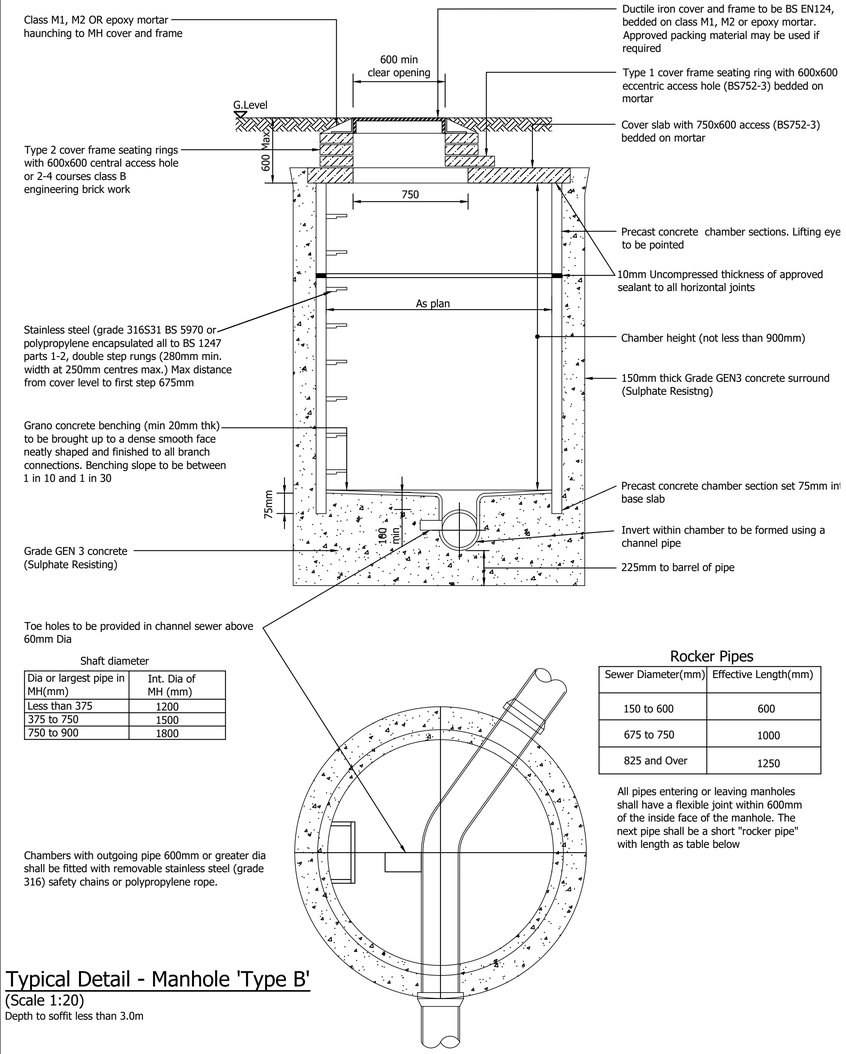


Shaft diameter

Dia or largest pipe in MH(mm)	Int. Dia of MH (mm)
Less than 375	1200
375 to 750	1500
750 to 900	1800

Rocker Pipes

Sewer Diameter(mm)	Effective Length(mm)
150 to 600	600
675 to 750	1000
825 and Over	1250

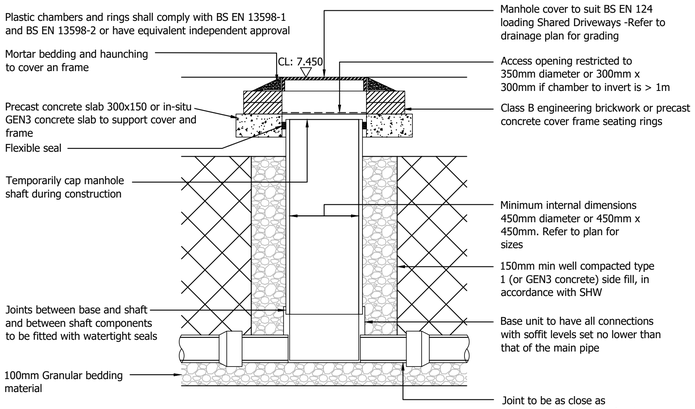
All pipes entering or leaving manholes shall have a flexible joint within 600mm of the inside face of the manhole. The next pipe shall be a short "rocker pipe" with length as table below

Chambers with outgoing pipe 600mm or greater dia shall be fitted with removable stainless steel (grade 316) safety chains or polypropylene rope.

Typical Detail - Manhole 'Type B'

(Scale 1:20)

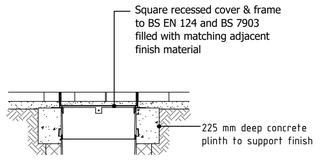
Depth to soffit less than 3.0m



Typical Detail - 'OSMA' Inspection Chamber (Pedestrian, grass and light car parking areas)

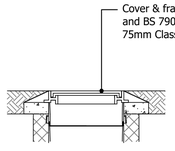
(Scale 1:20)

Max depth from cover level to soffit of pipe in areas subject to vehicle loading 3.0m.
Where deeper than 1.2m, chambers are to be non-man accessible.



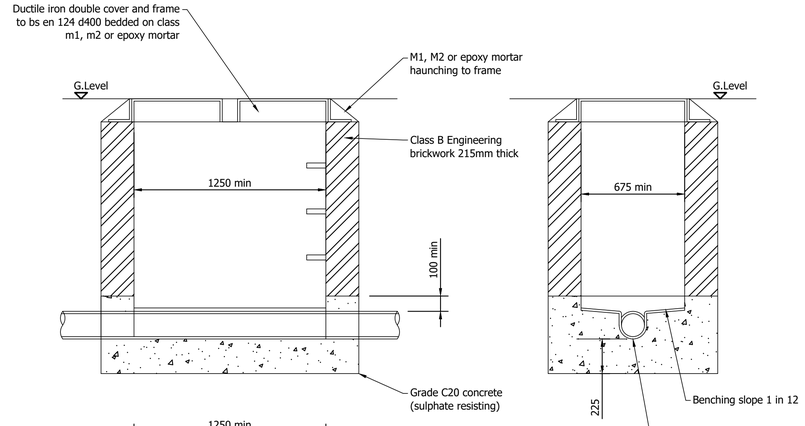
Typical Detail - Type D Chamber Cover Sited in Driveway / Hard Landscaped Areas with Recessed Cover

1:20



Typical Detail - Type D Chamber Cover Sited in Soft Landscaped Areas

1:20



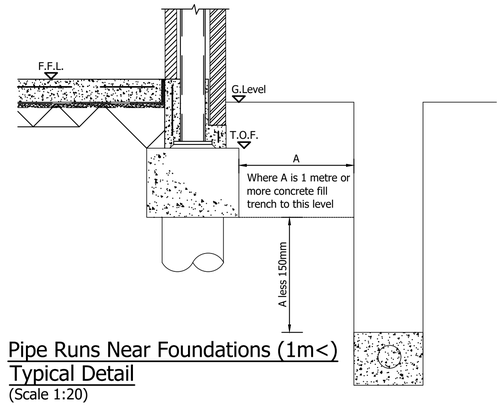
Note:
Internal dimensions of chamber normally 1250 x 675 (as clear opening in frame) but chamber width should be increased for pipes larger than 225 dia. (max 525mm dia) to give a min. 225mm benching each side. with the brickwork corbelled down to 675mm.

All pipes up to and including 525mm dia entering or leaving manholes shall have a flexible joint within 600mm of the inside face of the manhole. the next pipe shall be a 600mm long "rocker pipe"

Typical Detail - Manhole Type C

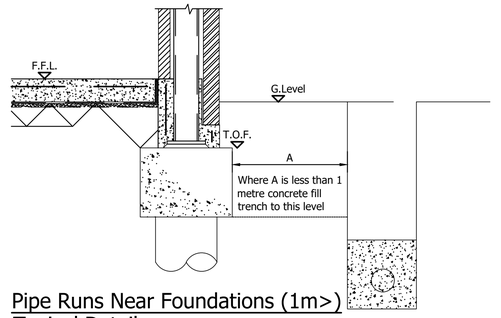
(Scale 1:20)

Depth to soffit upto 1.45m



Pipe Runs Near Foundations (1m<) Typical Detail

(Scale 1:20)



Pipe Runs Near Foundations (1m>) Typical Detail

(Scale 1:20)

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External References: External References

Notes

1. If in doubt, ask the Project Lead.
2. Do not scale this drawing.
3. All dimensions are in millimetres unless stated otherwise.
4. This drawing to be read in conjunction with all other relevant drawings and specifications.
5. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.

Construction Design And Management Regulations 2015

The contractors attention is drawn to the abnormal risks identified below, annotated on the drawing and explained in the associated design risk registers.

Legend

- You Must Not Do
- Hazard Or Danger
- You Must Do
- Caution

Abnormal Risks Identified:
1. Abnormal risks to be confirmed

Rev	Amendments	Rev'd by	Date
P01	Preliminary Issue	FN	25.09.23

Client

birdwood construction ltd.

Project
Residential Development
Station Street & Victoria Street
Spalding

Title
Drainage Construction Details
Sheet 1 of 2

Project	Originator	Volume	Level	Type	Role	Number
230086	WDK	ZZ	SI	DR	C	33002

Internal Project Reference
230086

Suitability | Suitable For
S3 - Suitable for Review & Comment

Scale	Created	Revision
As Indicated @ A1	30.08.23	P01

Project Lead	Drawn	F.N	Checked	R.P
S.Y	Reviewed	R.P	Approved for Issue	W.G

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