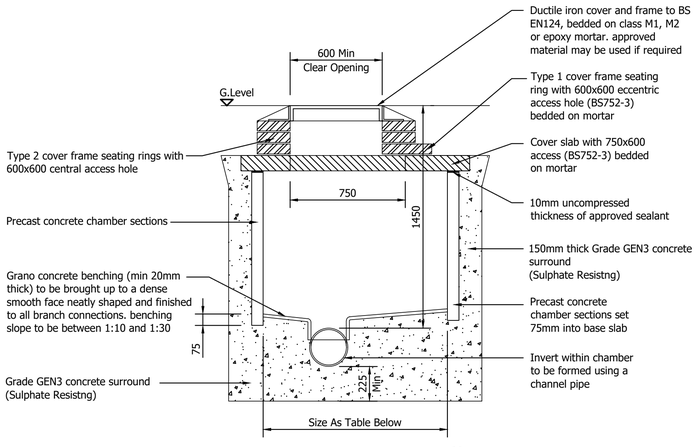
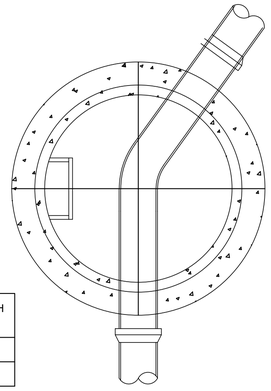




All pipes entering or leaving manholes shall have a flexible joint within 600mm of the inside face of the manhole. the next pipe shall be a short "rocker pipe" 600mm long

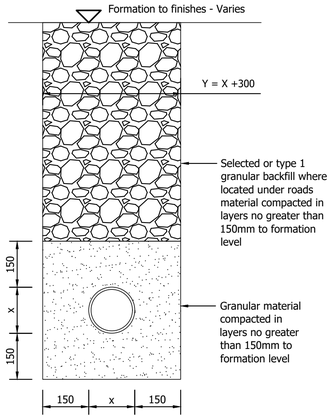
Shaft Diameters

Diameter of largest pipe in MH (mm)	Internal diameter of MH (mm)
up to 375	1200
over 375	use manhole Type B

Typical Detail - Manhole Type E

(Scale 1:20)

Max depth from ground level to soffit of pipe 1.45m



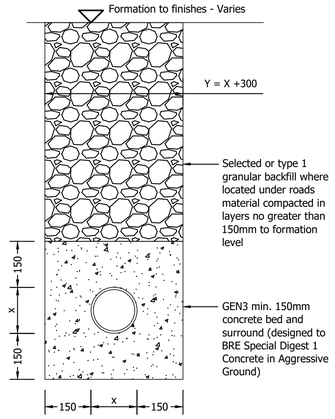
Typical Detail - Type 'S' Bedding

(Scale 1:10)

Granular Material - to conform to BS EN 1610 Annex B Table B.15, or in accordance with the table below :-

Selected Fill (in soft landscaped areas only) - whether selected from locally excavated material or imported, shall consist of uniform, readily compactible material, free from vegetable matter, building rubbish and frozen material, or materials susceptible to spontaneous combustion, and excluding clay of liquid limit greater than 80 and/or plastic limit greater than 55 and materials of excessively high moisture content. Free from stones larger than 40mm, lumps of clay over 100mm.

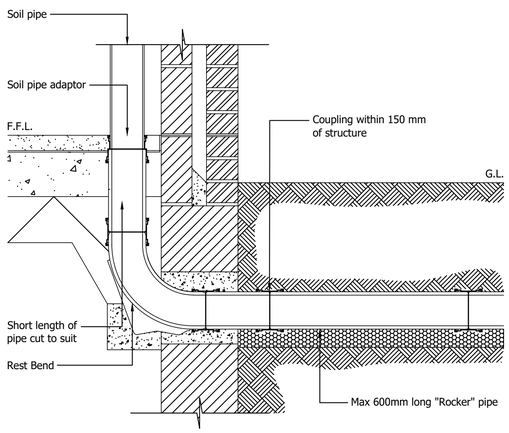
Compacted fill Type 1 - Type 1 granular backfill material to Department of Transport Specification for Highway Works, clause 803.



Typical Detail - Type 'Z' Bedding

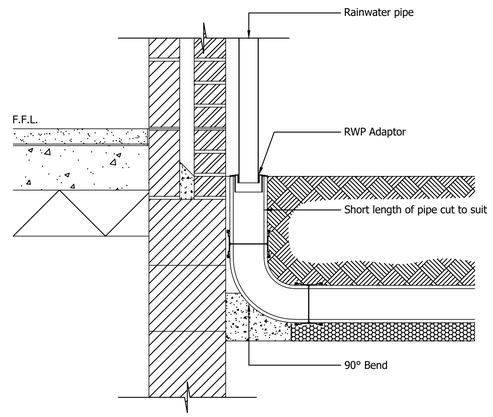
(Scale 1:10)

Note:
Concrete Slab Protection as left is in accordance with Building Regulations. Alternative type 'Z' bedding to be agreed with Building Control.



Soil & Vent Pipe / Stub stack / W.C. Connection Typical Detail

(Scale 1:10)



External Rainwater Pipe Connection Detail Typical Detail

(Scale 1:10)

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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 2 of 2

Project	Originator	Volume	Level	Type	Role	Number
230086	WDK	ZZ	SI	DR	C	33003

Internal Project Reference: 230086

Suitability | Suitable For: S3 - Suitable for Review & Comment

Scale: As Indicated @ A1 | Created: 30.08.23 | Revision: P01

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

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