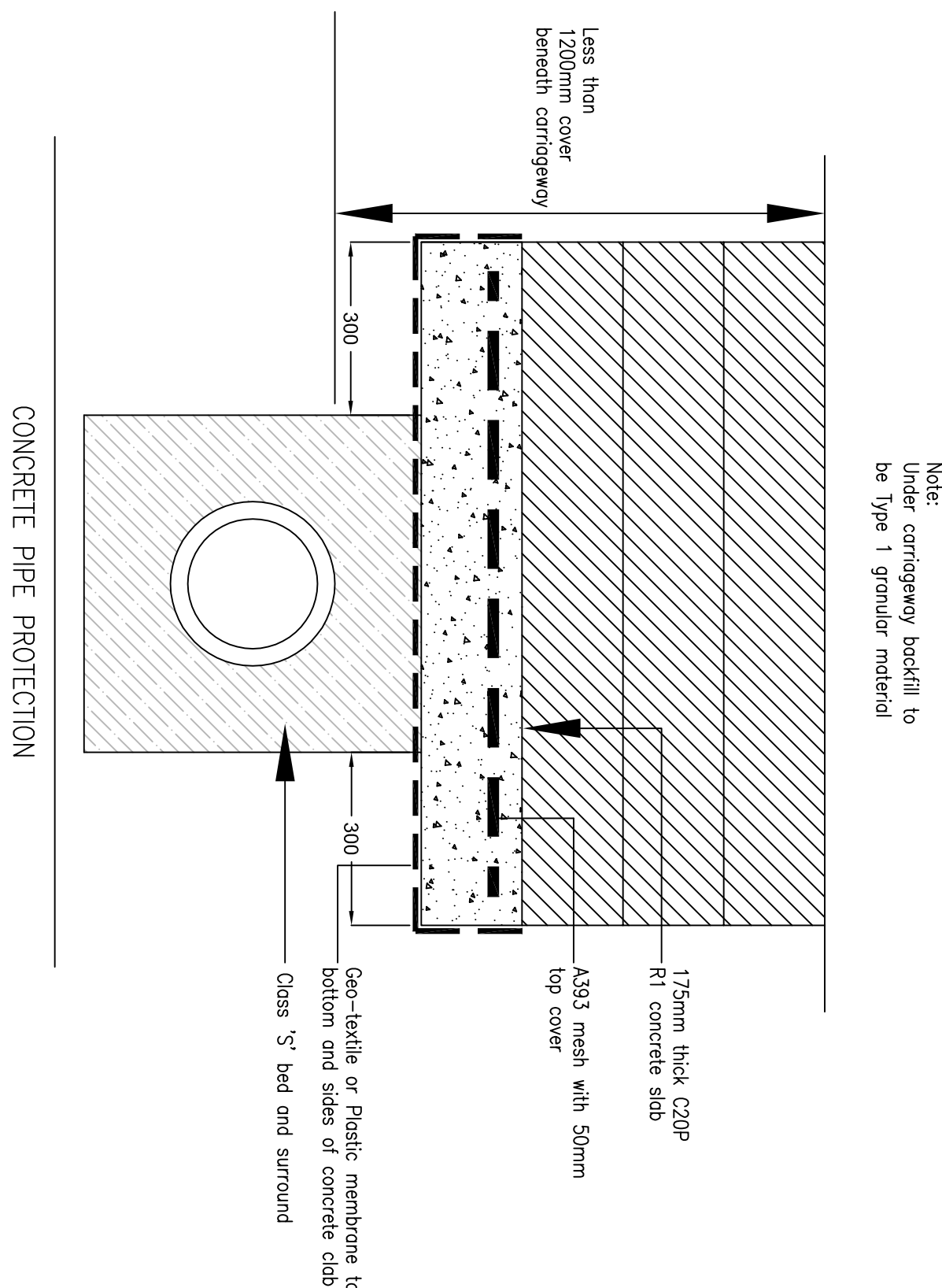
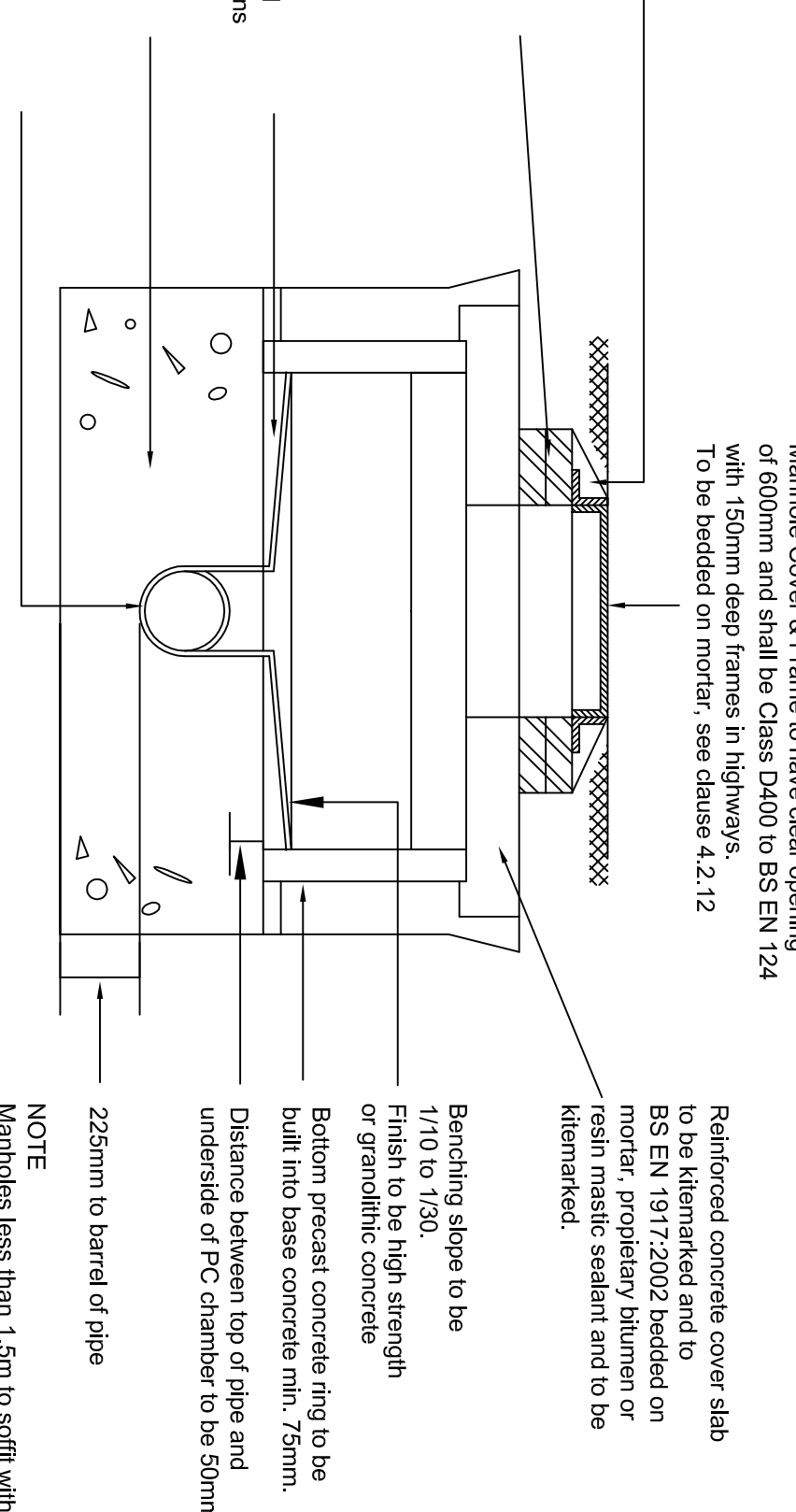
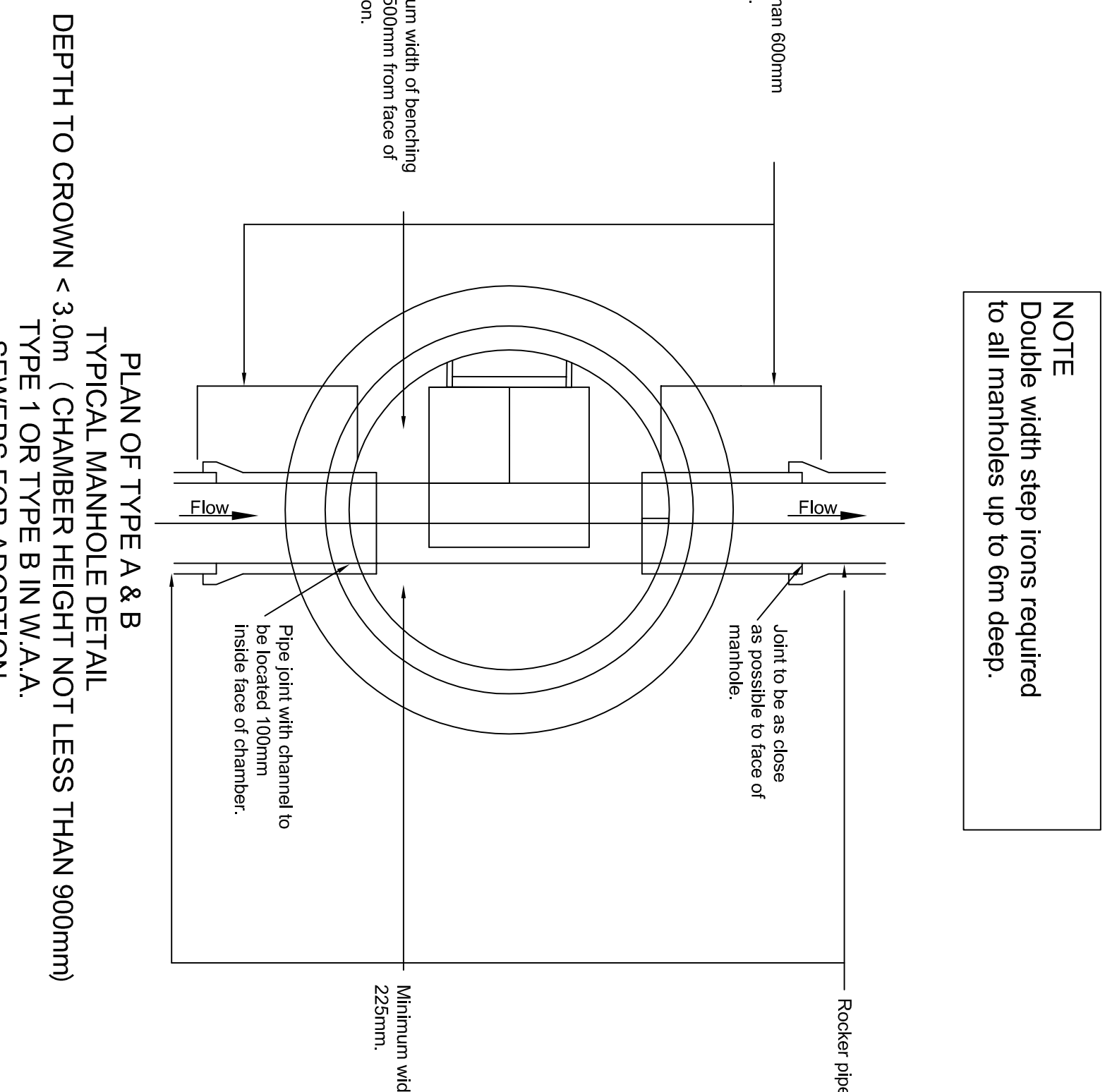
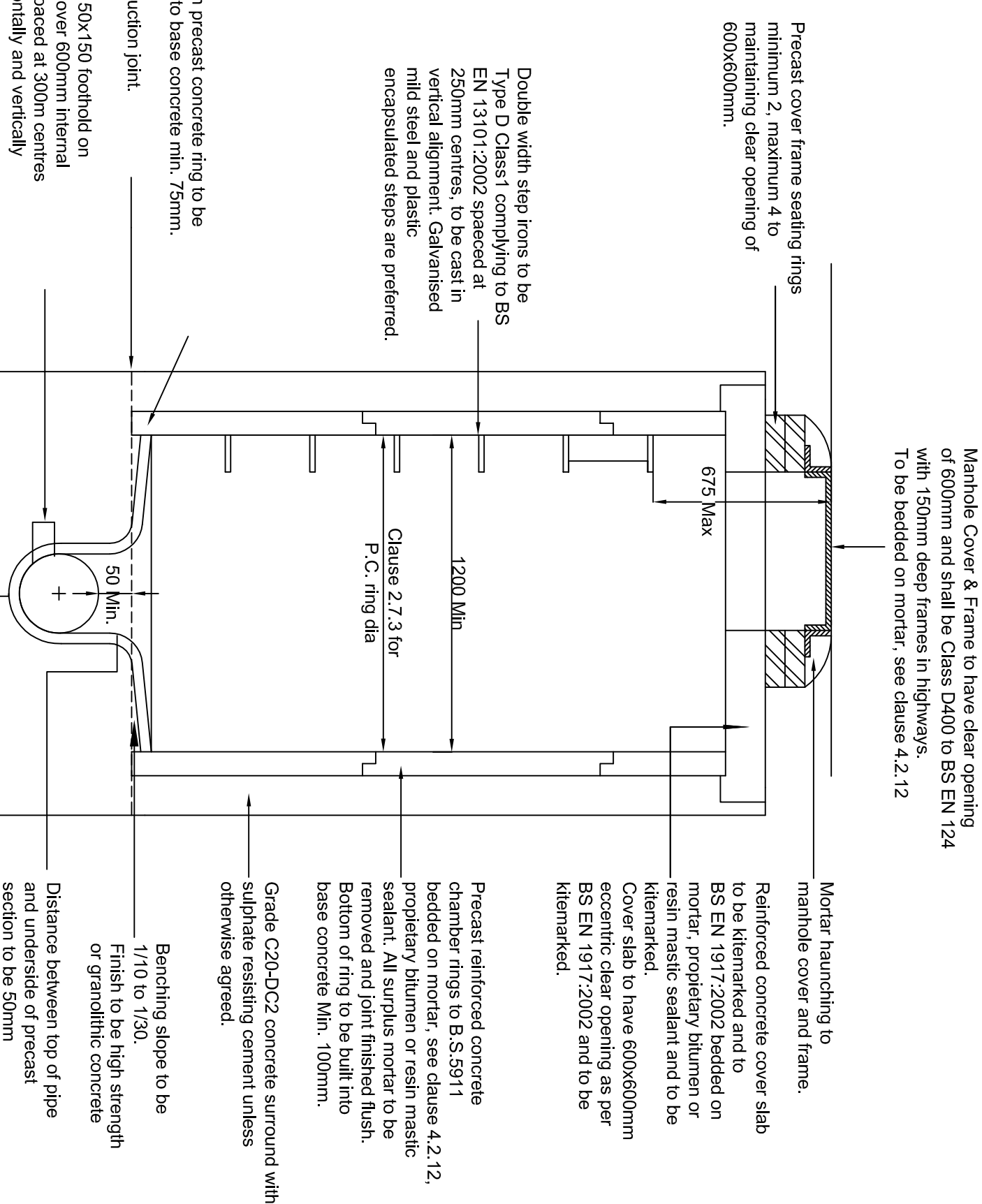
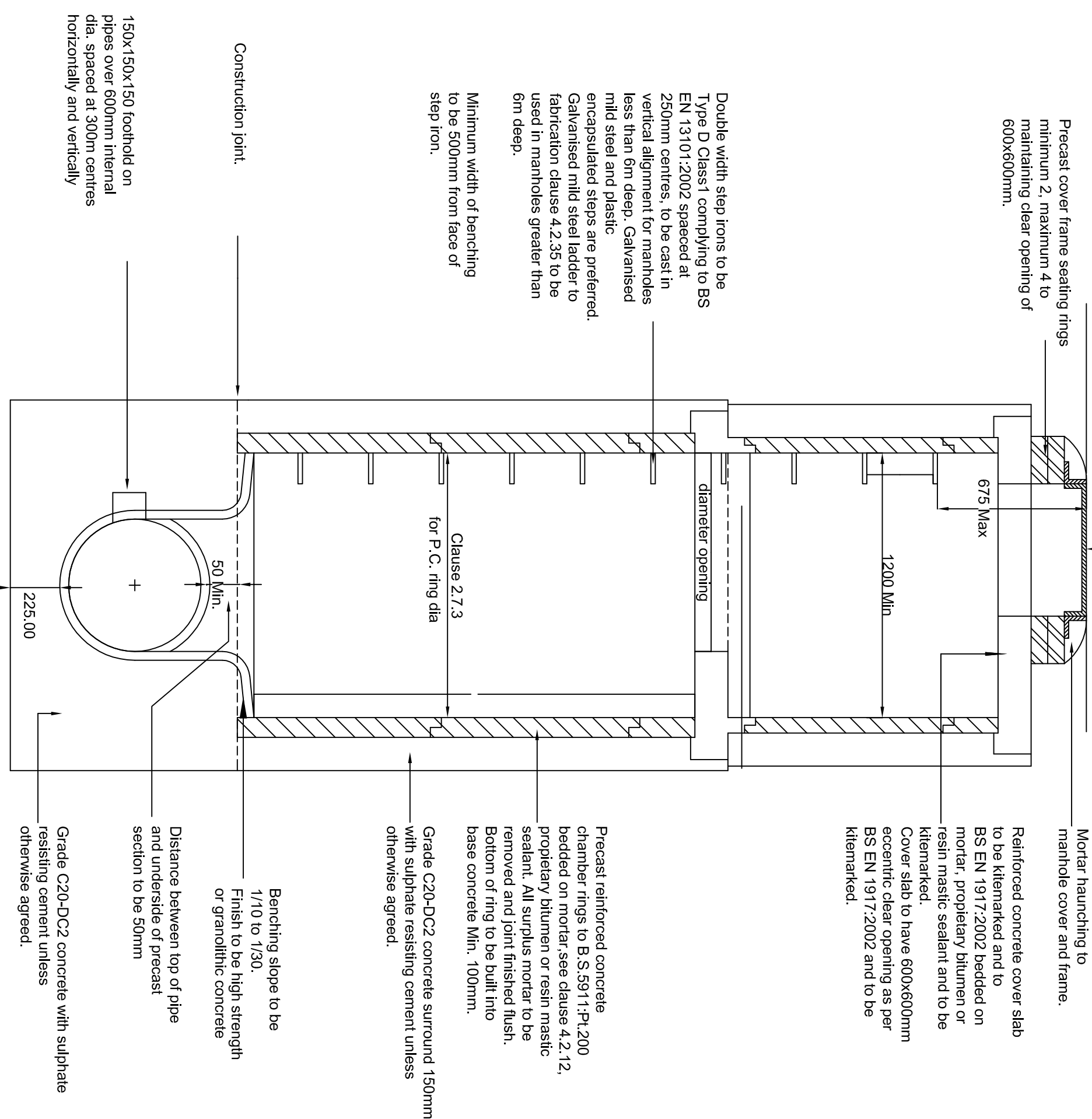
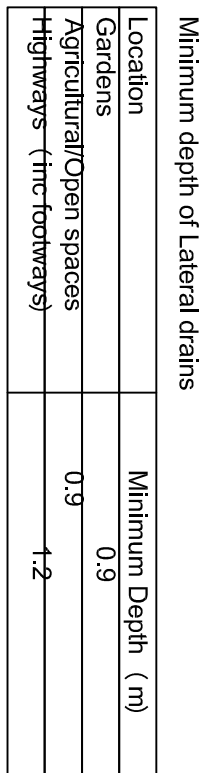
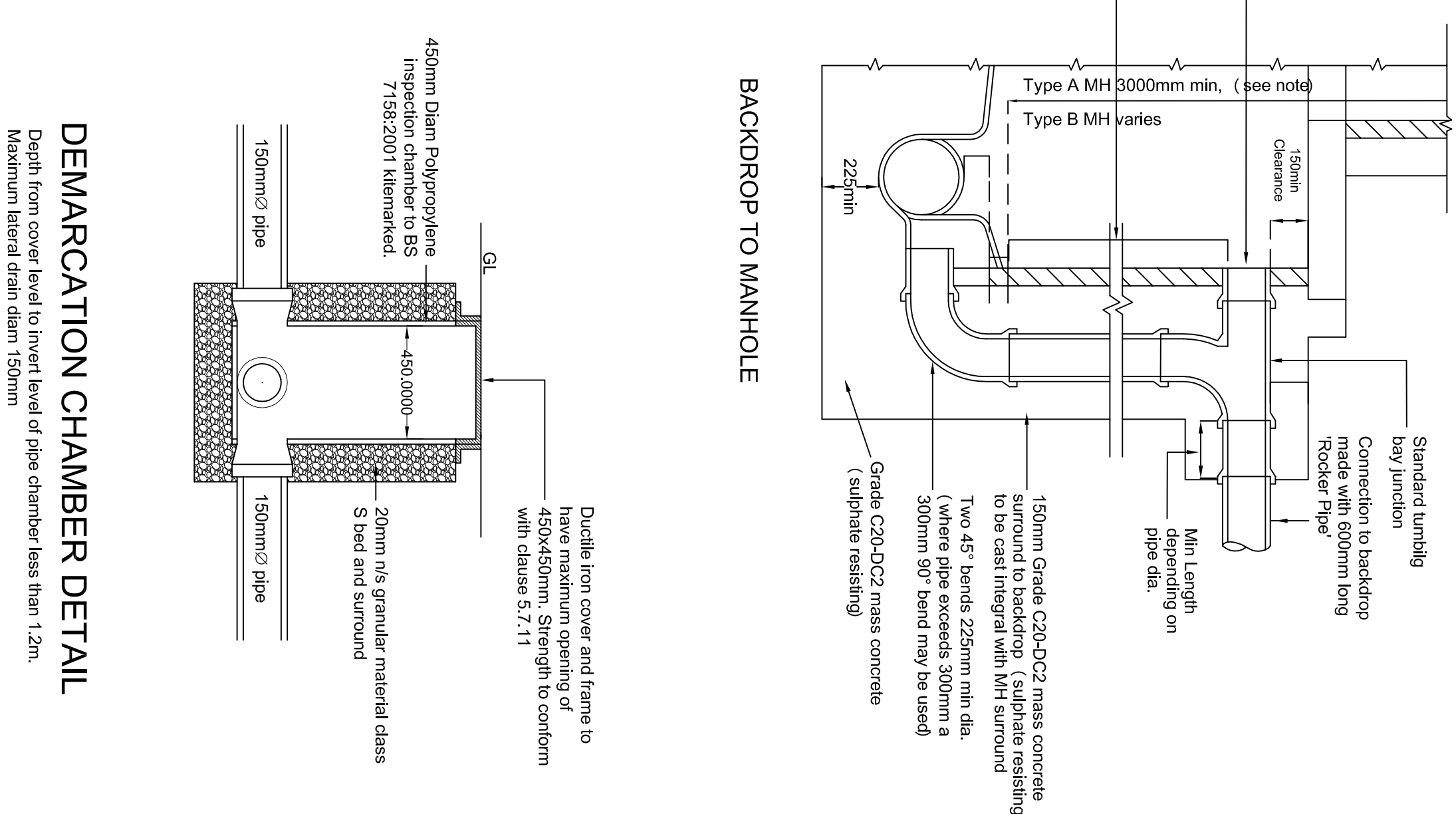
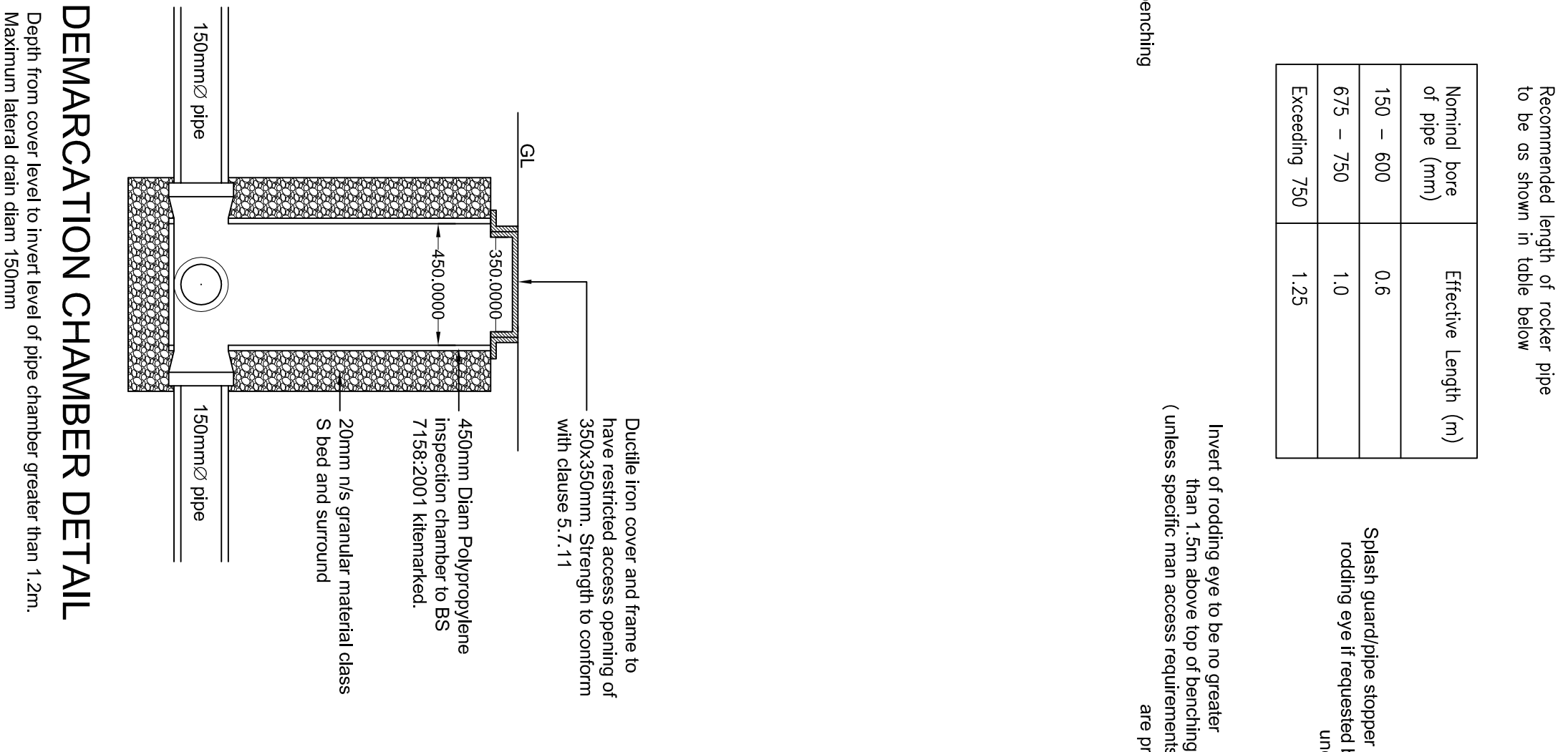


Manhole Cover & Frame to have clear opening of 600mm and shall be Class D400 to BS EN 124 with 150mm deep frames in highways.
To be bedded on mortar, see clause 4.2.12

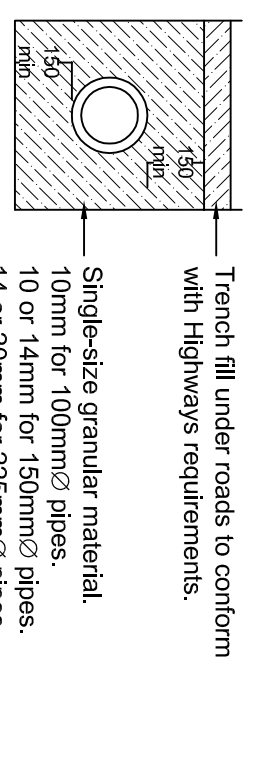


Nominal bore of pipe (mm)	Effective length (m)
150 – 600	0.6
675 – 750	1.0
Exceeding 750	1.25



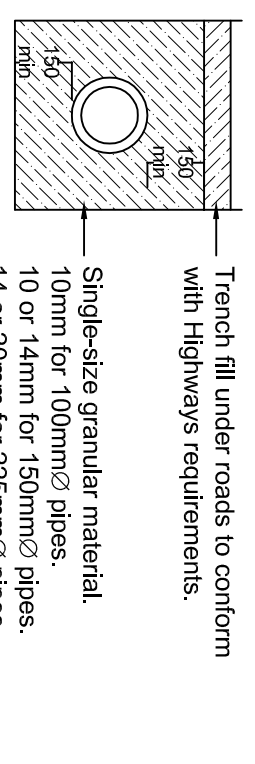
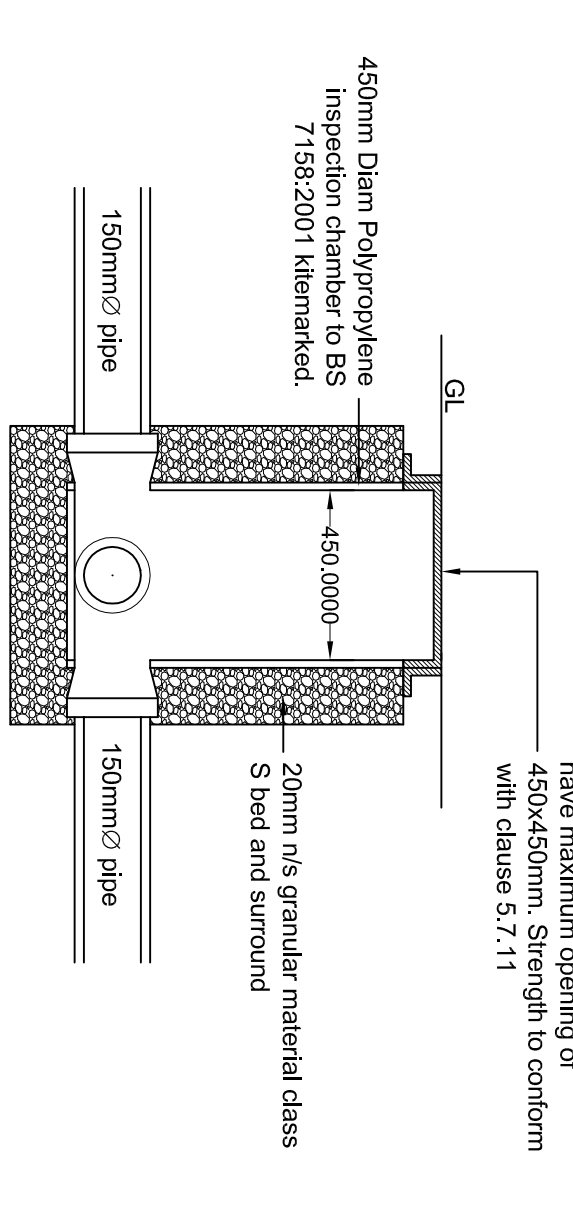
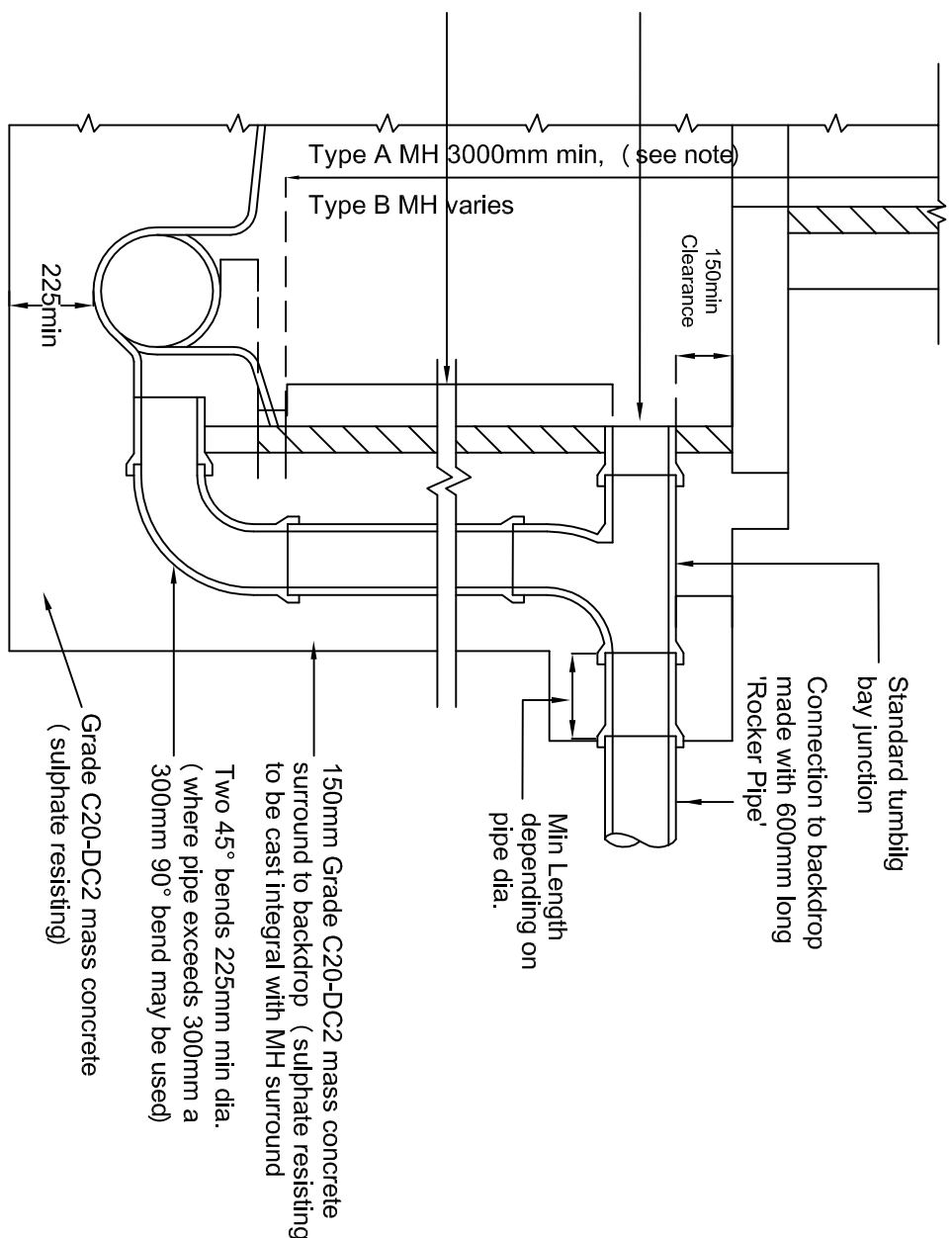
Surface	Class (Loading in kN)	Loading
Road	D400	Vehicle Impact
Footway & Driveway	B125	Occasional vehicle loading
Carpet	A15	Pedestrians/cyclists

Pipes	Gradient	Virified clay pipes to BS EN 295 Kitemarked, Unplasticised PVC pipes to BS 4560/200 & BS EN 1401-1 Kitemarked, Structured Wall Unplasticised PVC pipes to BS 4350-1 Kitemarked.
Diameter (mm)	Gradient	
100	1:80	
150	1:90	
225	1:125	



ALL PIPEWORK 300mm DIA/M OR LESS TO BE VITRIFIED CLAY CONFORMING WITH BS 65. MINIMUM CRUSHING STRENGTHS TO BE AS FOLLOWS: 100mm DIA, 40kN/m, 150mm DIA 40kN/m, 225mm DIA 45kN/m, 300mm DIA 72kN/m.

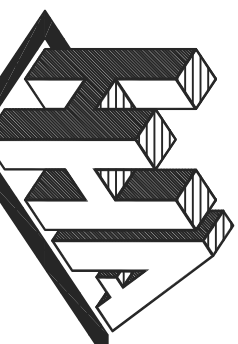
ALL PIPEWORK 375mm DIA/M OR GREATER TO BE CONCRETE CLASS 120, 54kN/m MINIMUM CRUSHING STRENGTH, ADAPTABLE SEWERS TO BE LAID IN CLASS 5 GRANULAR BED & SURROUND.



Class S bedding to be used when pipe is more than 1200mm from highway surface. Concrete bed and surround required when less than 1200mm from highway surface.

Rev A Proposed details approved by BMBC. 'Preliminary Issue' removed. 31.01.17 HH

Haigh Huddleston & Associates



e trevor.haigh@haighhuddleston.co.uk

e.trevor.haigh@haighhuddleston.co.uk

01924 464342 01924 45066

e.trevor.haigh@haighhuddleston.co.uk

2 |

~~BARRATT DAVID WILSON HOMES~~

LOW BARUGH

Detail ROUNDBOUT STANDARD MANHOLE DETAILS

(located at junction of Barnsley Road & Claycliffe Road)

Dwn	Chkd	Date	Scale	Dwg No.
111				