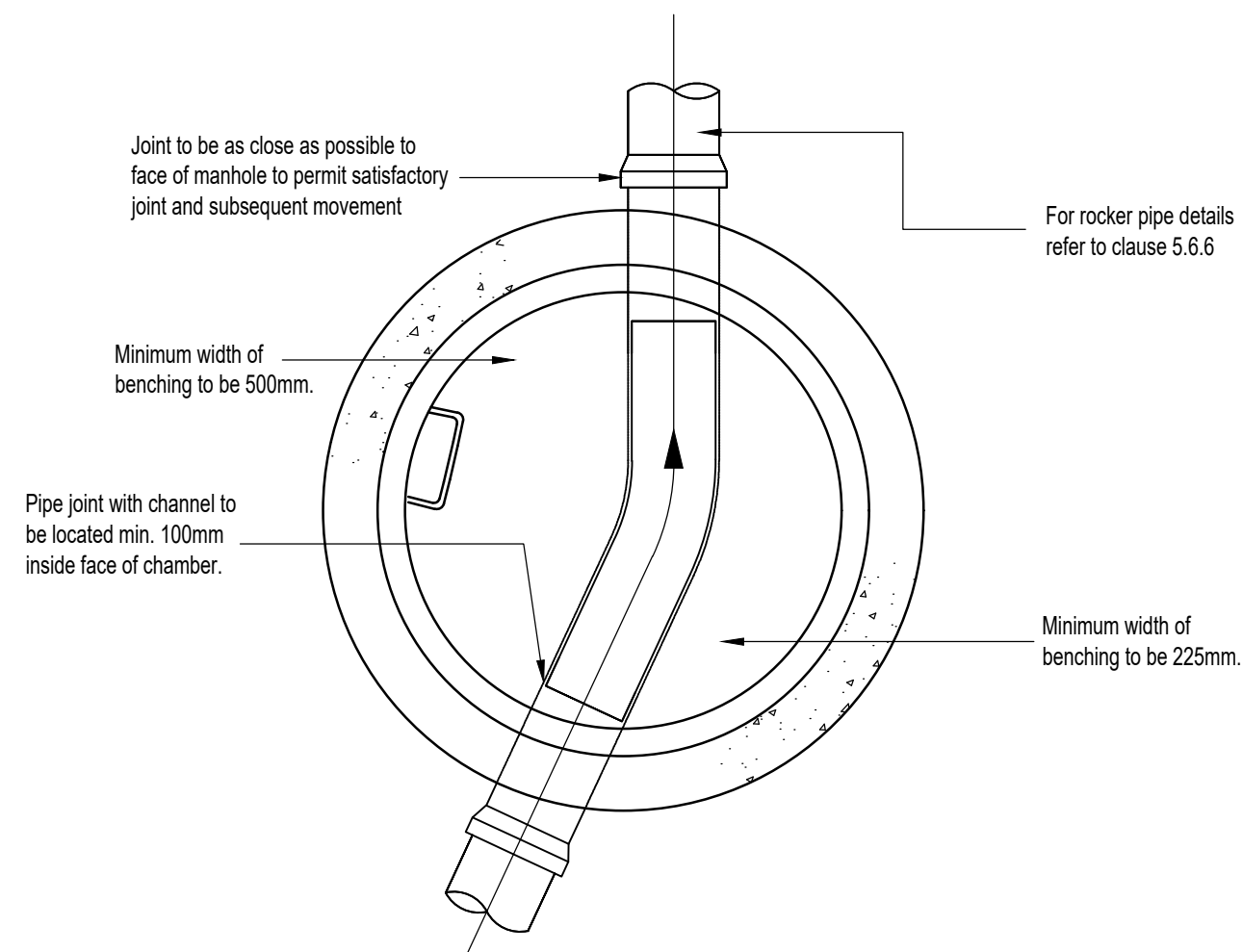
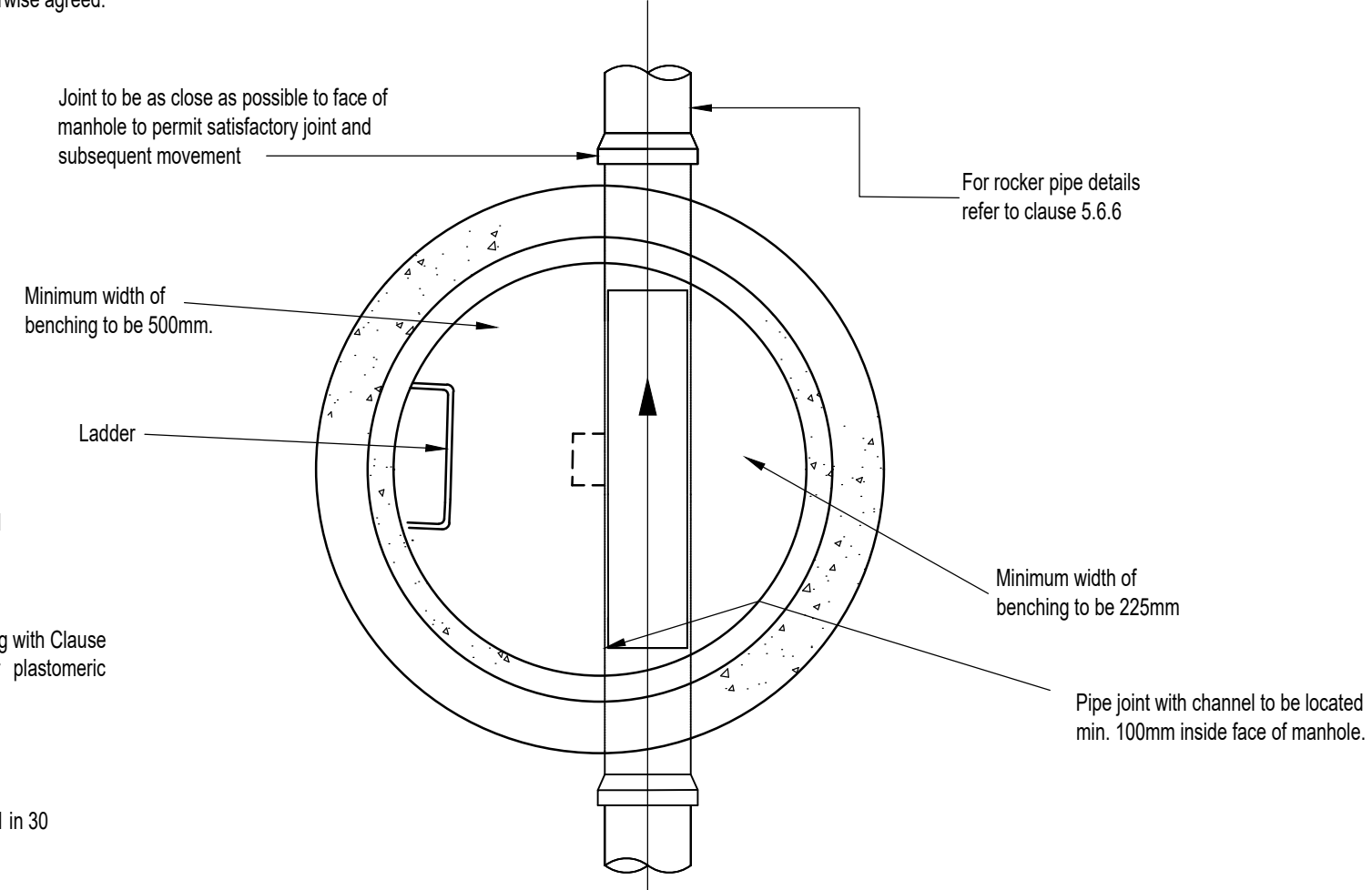
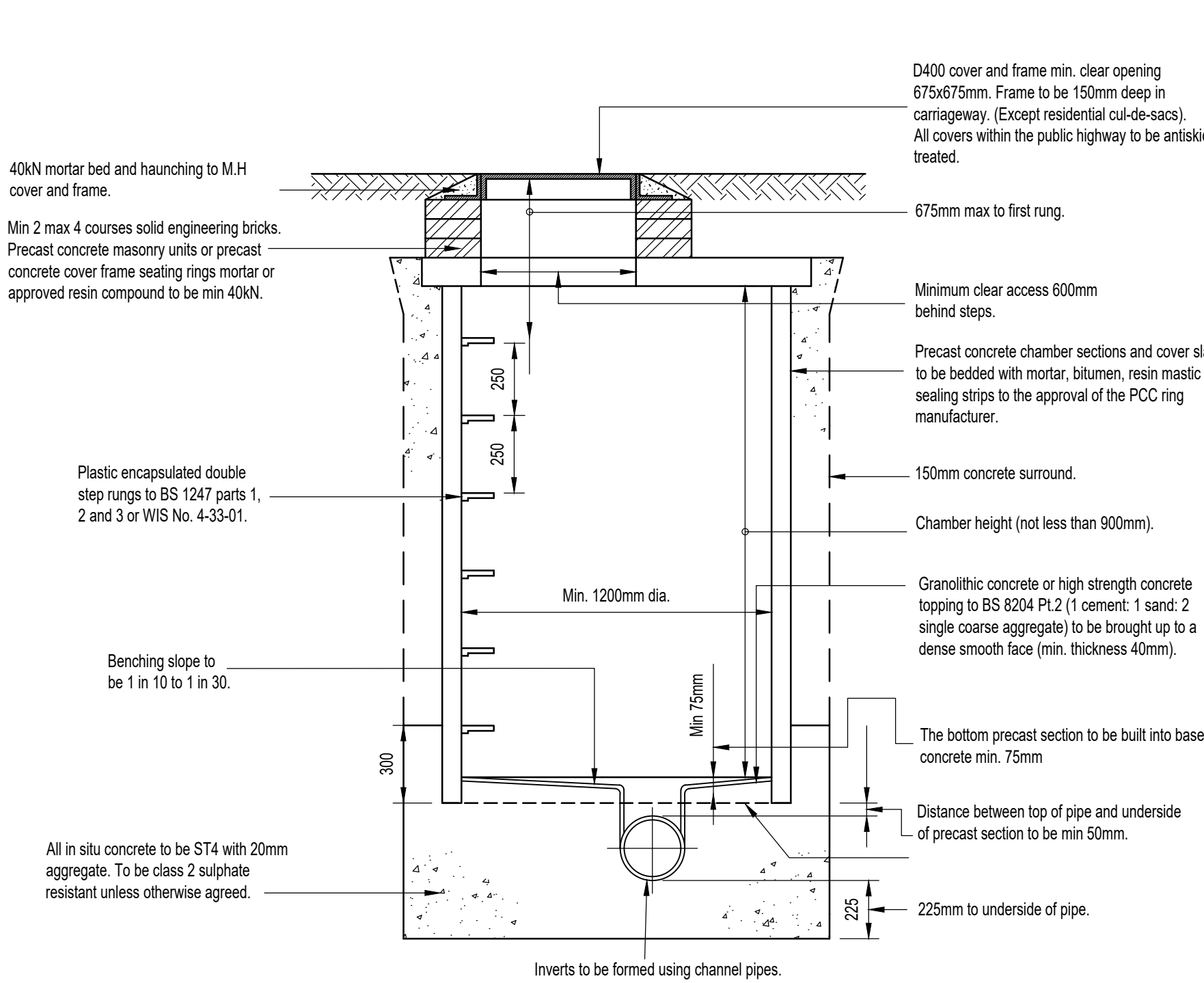
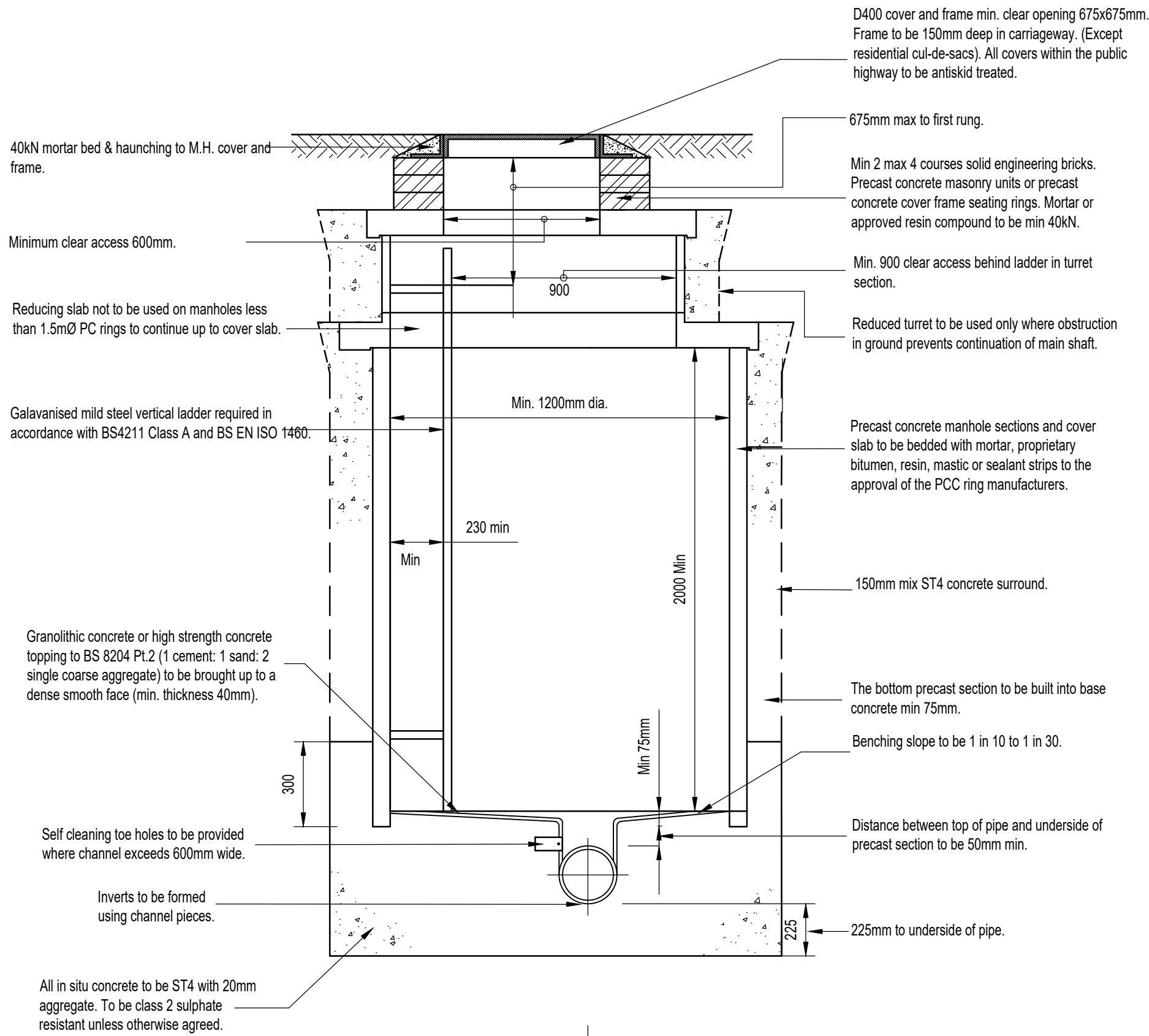


TYPICAL MANHOLE CHAMBER SIZES*	
Dia. largest pipe in manhole.	Chamber section dia. required.
< 375	1200
375-450	1350
500-700	1500
750-900	1800

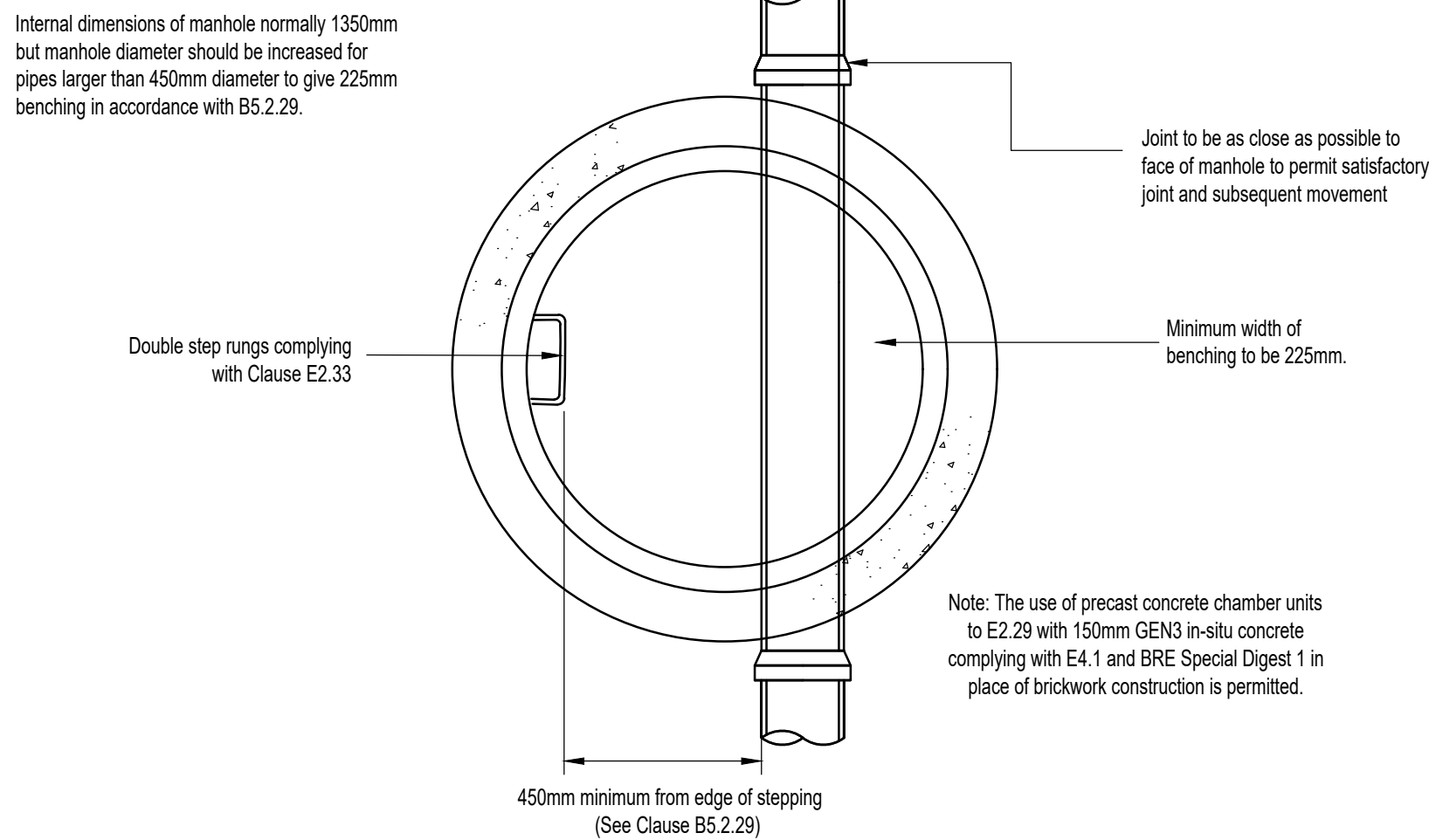
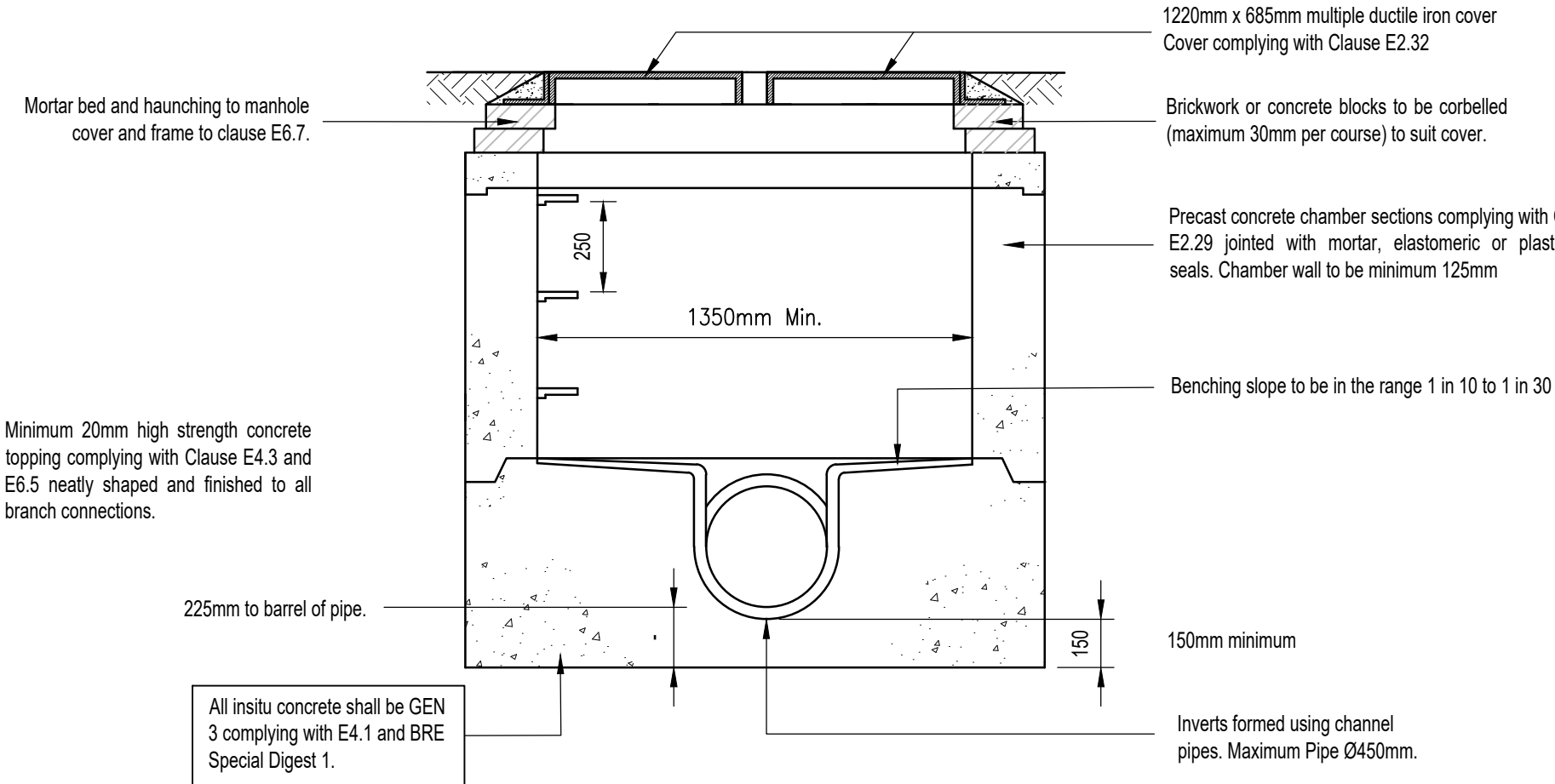
*For guidance only, refer to drg PJS21-065-508 Manhole Schedules

Int. Pipe Dia. (mm)	Ext. Pipe Over Barrel (Bc)	Agg. size for graded bedding material
150	203	14 to 5 mm
225	286	
300	375	
375	457	
450	540	20 to 5 mm
525	622	
600	705	
675	787	
750	870	
825	952	40 to 5 mm
900	1035	
975	1118	
1050	1194	
1125	1295	
1200	1372	
1275	1448	
1350	1549	
1425	1638	
1500	1715	
1575	1803	
1650	1880	
1725	1969	
1800	2057	
1875	2134	
1950	2210	

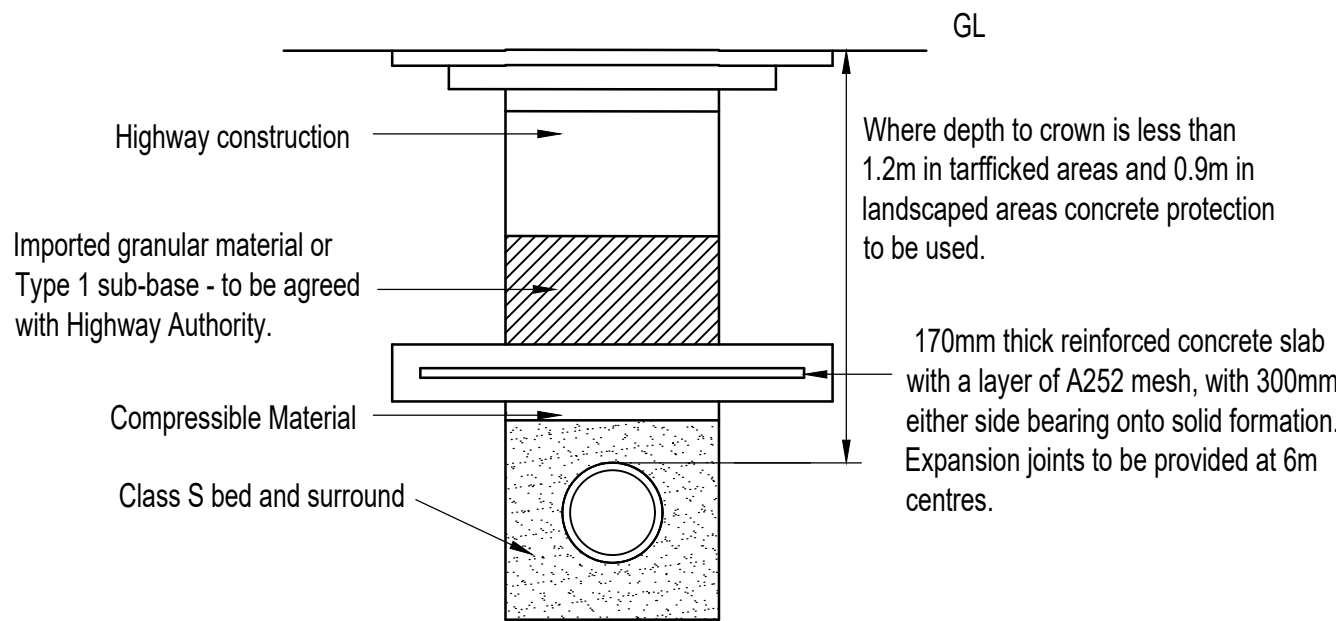


PLAN
TYPICAL MANHOLE DETAIL TYPE A
DEPTH FROM C.L. TO SOFFIT 3.0m TO 6.0m
SCALE 1:20

PLAN
TYPICAL MANHOLE DETAIL TYPE B
DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 1.5m TO 3.0m
SCALE 1:20



TYPICAL MANHOLE DETAIL TYPE C
DEPTH FROM C.L. TO SOFFIT LESS THAN 1.5m
MAXIMUM PIPE SIZE 450MM DIAMETER
SCALE 1:20



PROTECTIVE CONCRETE
SLAB DETAIL
NTS

Notes.

1. Do not scale this drawing. If in doubt, ask.
2. This drawing is to be read in conjunction with all other relevant Engineers, Architects and specialist design drawings and details.
3. All dimensions are in millimetres unless noted otherwise. All levels are in metres unless noted otherwise.
4. Any discrepancies noted on site are to be reported to the Engineer immediately.
5. The Contractor shall check all tie-ins for line and level with existing before commencing any works. The Engineer shall be notified immediately in writing, should any errors be found.
6. It is the responsibility of the Contractor to locate any service apparatus in the vicinity of the works. The client will accept no claims whatsoever in respect of any losses or damage caused in respect of such apparatus, however caused.
7. It is the responsibility of the Contractor to execute the works at all times in strict accordance with the requirements of the Health and Safety at Work Act 1974, and the C.D.M. Regulations 2015. The Contractor will be deemed to have allowed for full compliance, including full liaison with the Principal contractor/ designer, within his rates.
8. The Contractor is responsible for ensuring that all works are to the satisfaction of the Engineer, and shall be deemed to have included within his rates for any necessary testing.
9. Sewers shall be constructed to the satisfaction of Severn Trent Water and in accordance with the Design and Construction Guidance (DCG).
10. All specification clauses refer to the aforementioned document.
11. This drawing is intended for guidance only, is not fully comprehensive and must be read in conjunction with the above document, which will supersede this document in the event of conflict.
12. Flows in existing sewers shall be maintained at all times.
13. Manholes with outgoing pipes greater than 600mm diameter shall be fitted with safety chains, guard bars or similar.
14. All lifting eyes in P.C.C. products shall be pointed smooth after fixing.
15. Corbelling of brickwork shall not exceed 30mm per course.
16. Cut pipes to be machined cut and ground smooth.
17. All cement and concrete products to use sulphate resisting cement.
18. All pipework to have spigot and socket flexible joints unless otherwise specified.
19. Wherever appropriate, geotextiles shall be used to contain bedding material e.g. in areas of running sand.
20. Manhole rings are not to be cut.

ANY WORKS CARRIED OUT ON SITE PRIOR TO RECEIVING TECHNICAL APPROVALS WILL BE UNDERTAKEN AT THE DEVELOPERS RISK

Rev	Date	Amendments	By	CHK



PJS Consulting Engineers Limited, Geneva II, Leekview,
Shenwood Business Park, Nottingham, NG15 0ED.
Registered number: 10815983 Tel: 0115 704 3669 Email: Enquiries@pjs-ee.co.uk

Client

Davidsons Homes

Project

Lutterworth Road, Burbage

Drawing Title

Drainage Construction Details

Drawn	Checked	Status	Scale
Initial	ML	TN	Approval
Date	25/10/22	25/10/22	As Shown
Project Number	Drawing Number	Revision	
PJS21-65	DR-910	-	