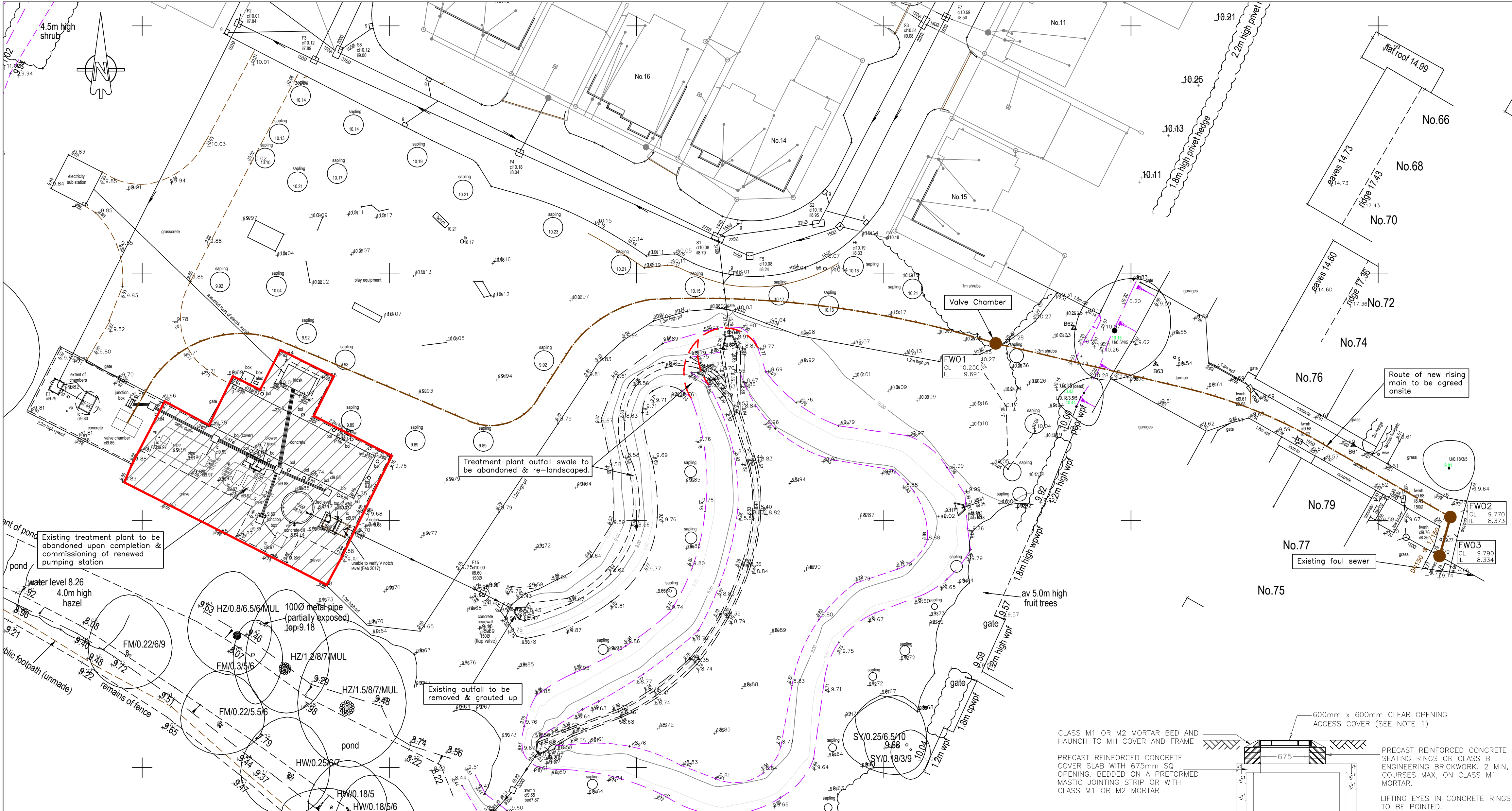
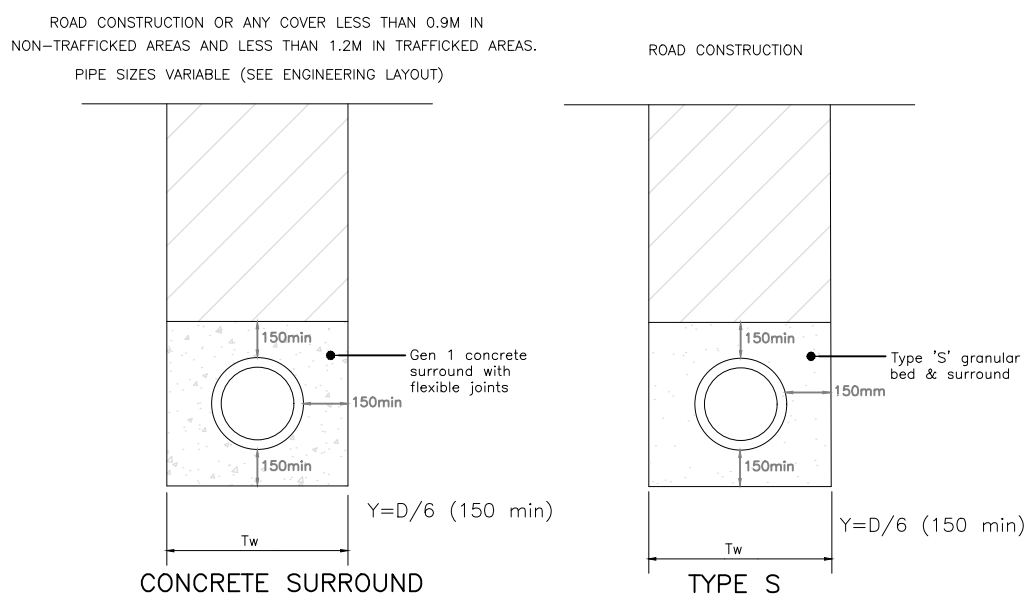




- NOTES:
1. Do not scale from this drawing.
 2. All dimensions in metres and all levels relate to site datum.
 3. This drawing is to be read in conjunction with all other engineering drawings. Any discrepancies shall be reported to MJA Consulting Engineer's.
 4. The level and location of all existing services shall be verified on site by the Contractor before commencing any construction work.
 5. All adaptable works to be checked by the Water Authority Inspector.
 6. Sewers and drains of different diameters should be laid soffit to soffit unless otherwise specified.
 7. All covers and frames shall be 150mm deep to BS.EN.124, badged SW or FW if requested.
 8. Contractor must comply with all current legislation relating to CDM, Health and Safety, and COSHH.



PIPE DIA	TRENCH WIDTH
150	600
225	700
300	750
375	1050
450	1150
525	1200
600	1350
675	1450
750	1500
825	1600
900	1900
1050	2050
1200	2300

PIPE BEDDING DETAILS

GRANULAR BEDDING & SURROUND

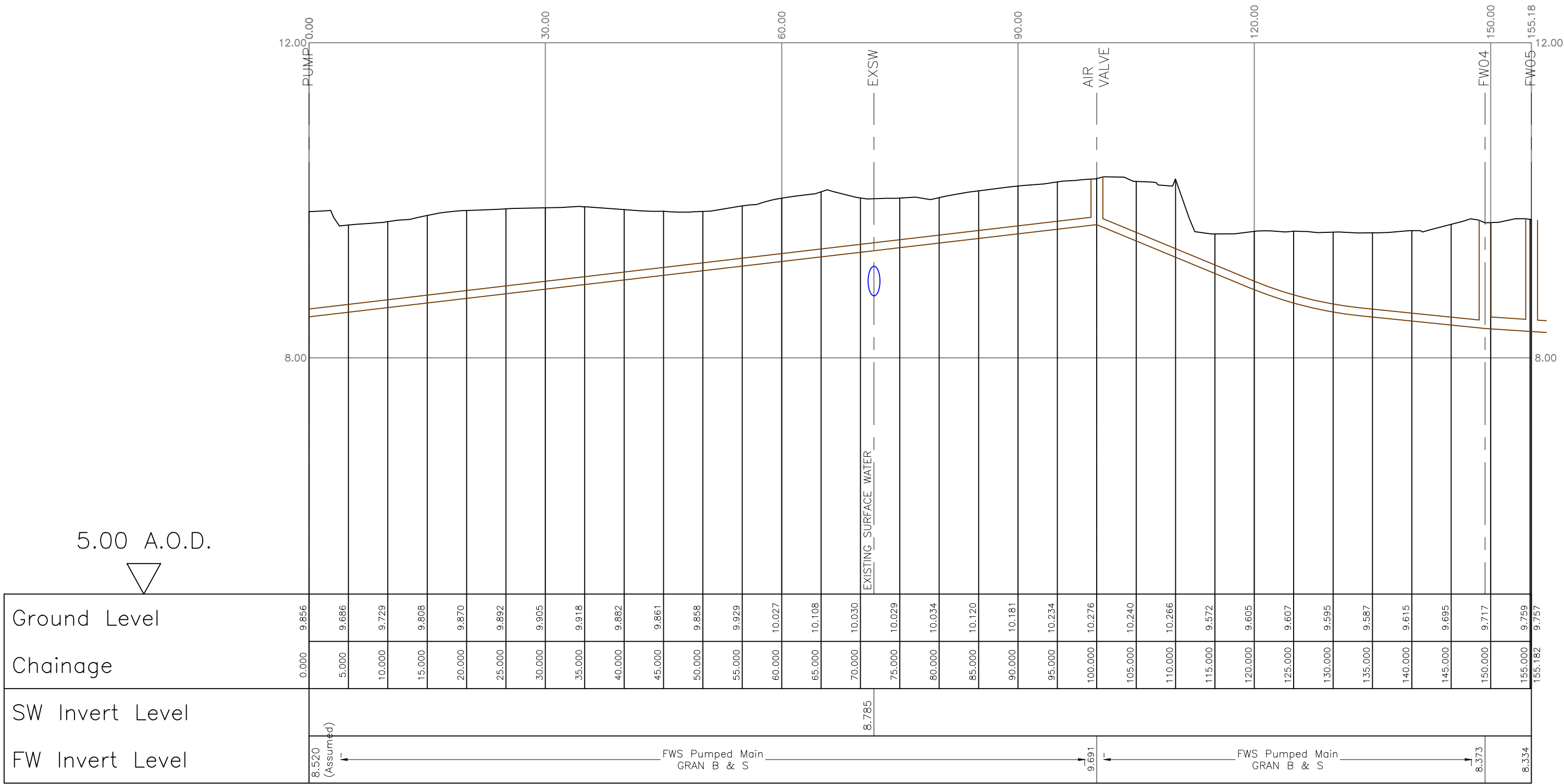
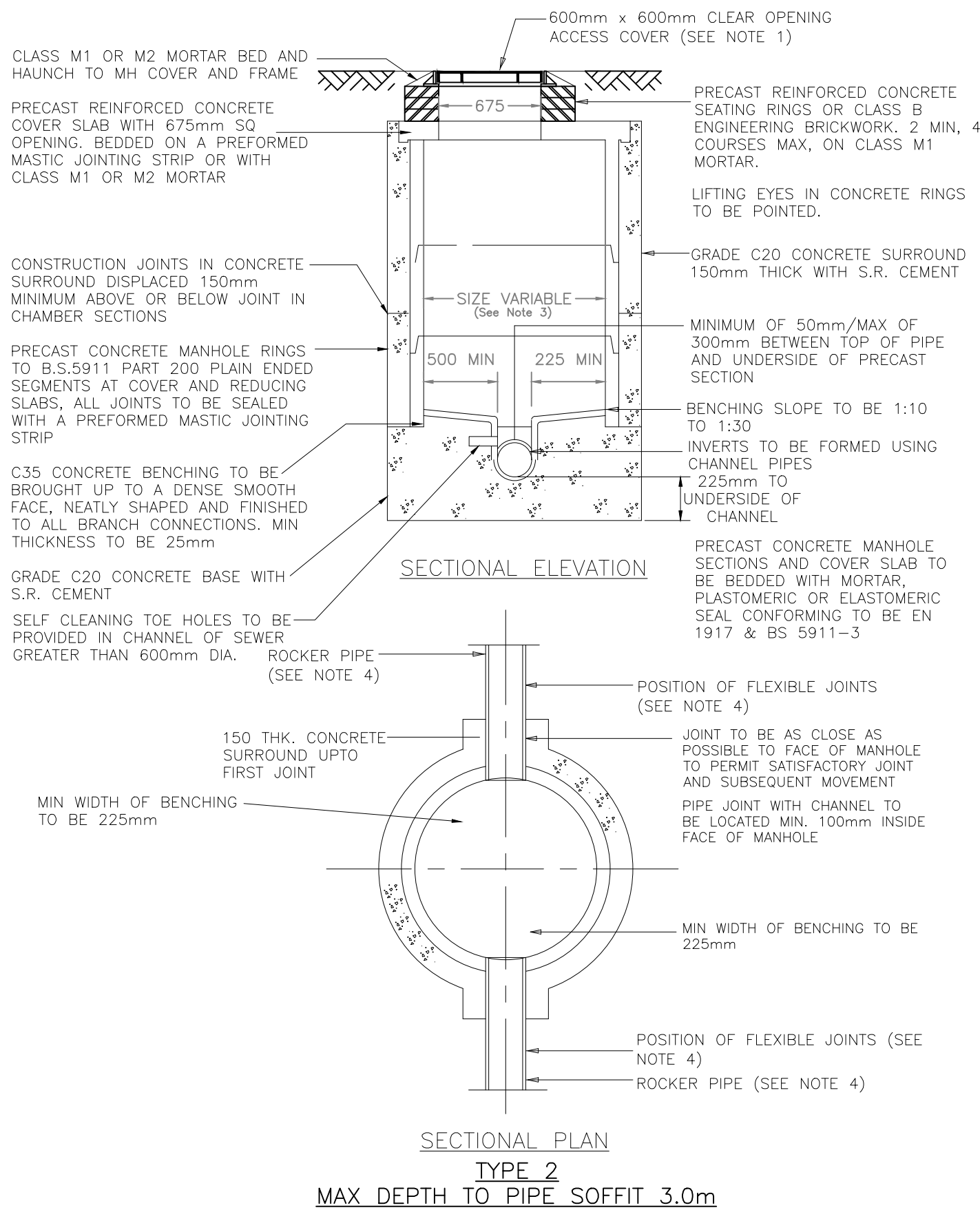
Granular bedding for pipes shall comply with Cl 2.88 of CEN, sized in accordance with the following table:

Nominal Size of Pipe (mm)	Alternative Aggregate Sizes (mm)		Ct Value Max
	Single-Sized	Graded	
100-150	10	14 to 5	0.2
225-300	10 or 14	14 to 5 or 20 to 5	0.2
375-525	10,14 or 20, 14 or 20	14 to 5 or 20 to 5	0.15
Exceeding	14,20 or 40	14 to 5, 20 to 5 or 40 to 5	0.5

BACKFILL TO TRENCHES

Backfill within highway and paved areas shall be backfilled in accordance with local highway authority requirements or H.A.U.C. Specification for the reinstatement of Highways Appendix 1.

- Backfill outside hard areas shall be in accordance with the Specification for Highway Works Clause 505 Class 1, 2 or 3. Material shall be placed and compacted in layers.
- A minimum of 150mm bed and surround is to be provided to all pipes.



Rising Main
Horiz. 1:500 Vert. 1:50

PRELIMINARY ONLY

A	21.05.19	Bellmouth amended	HJS
REV. No.	DATE	DESCRIPTION	INITIALS
Client	MJA CONSULTING CIVIL AND STRUCTURAL ENGINEERS Monarch House, Barton Lane, Abingdon, Oxon, OX14 3NB Tel: 01235 555173 Fax: 01235 523226		
Project	Brooks Nursery Barnham		
Title	Foul Outfall Rising Main Details	Scale 1:250	Date Sept '18
Checked	Drawn AMc	Drawing No. 4482:510	Rev A