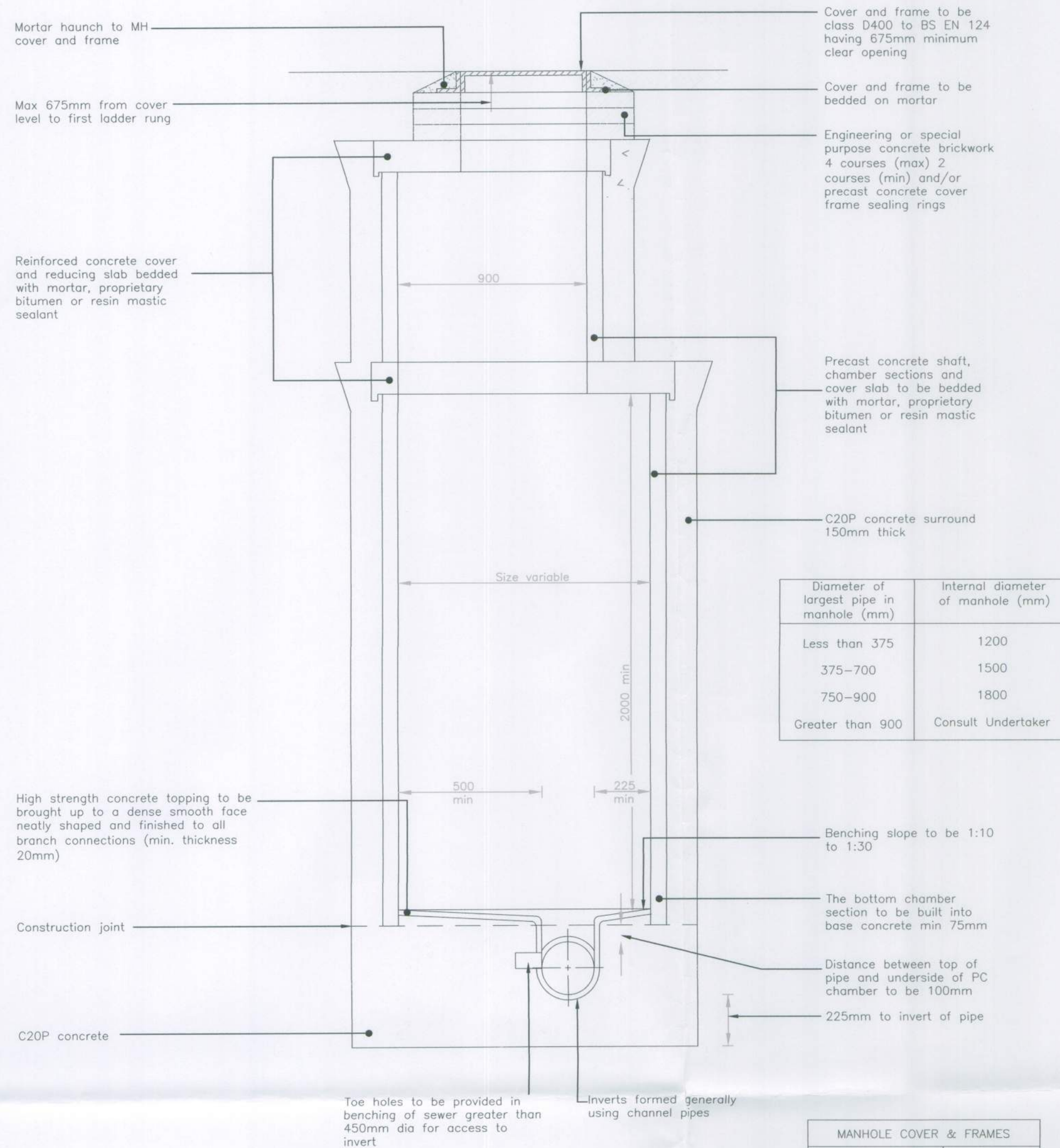
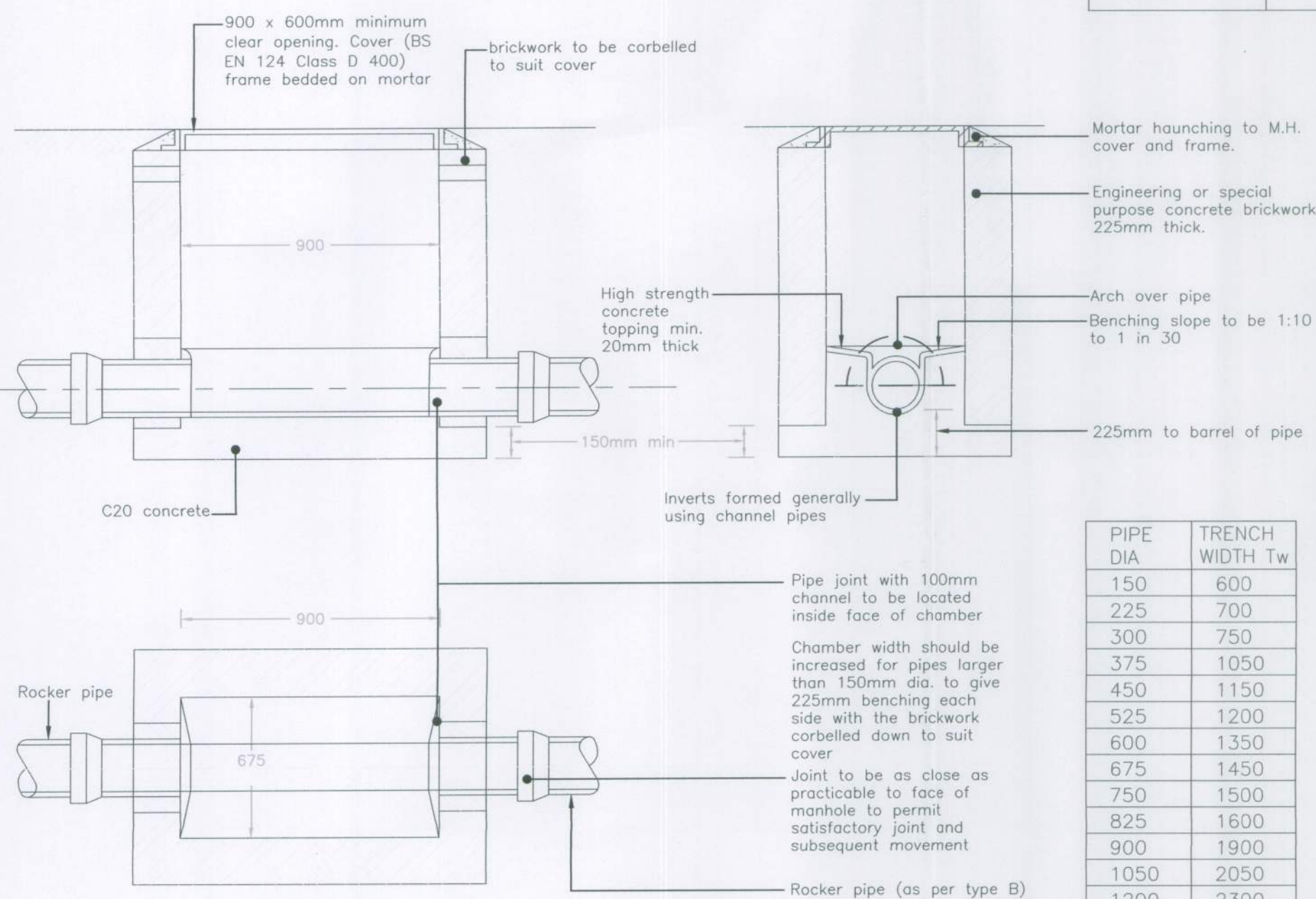
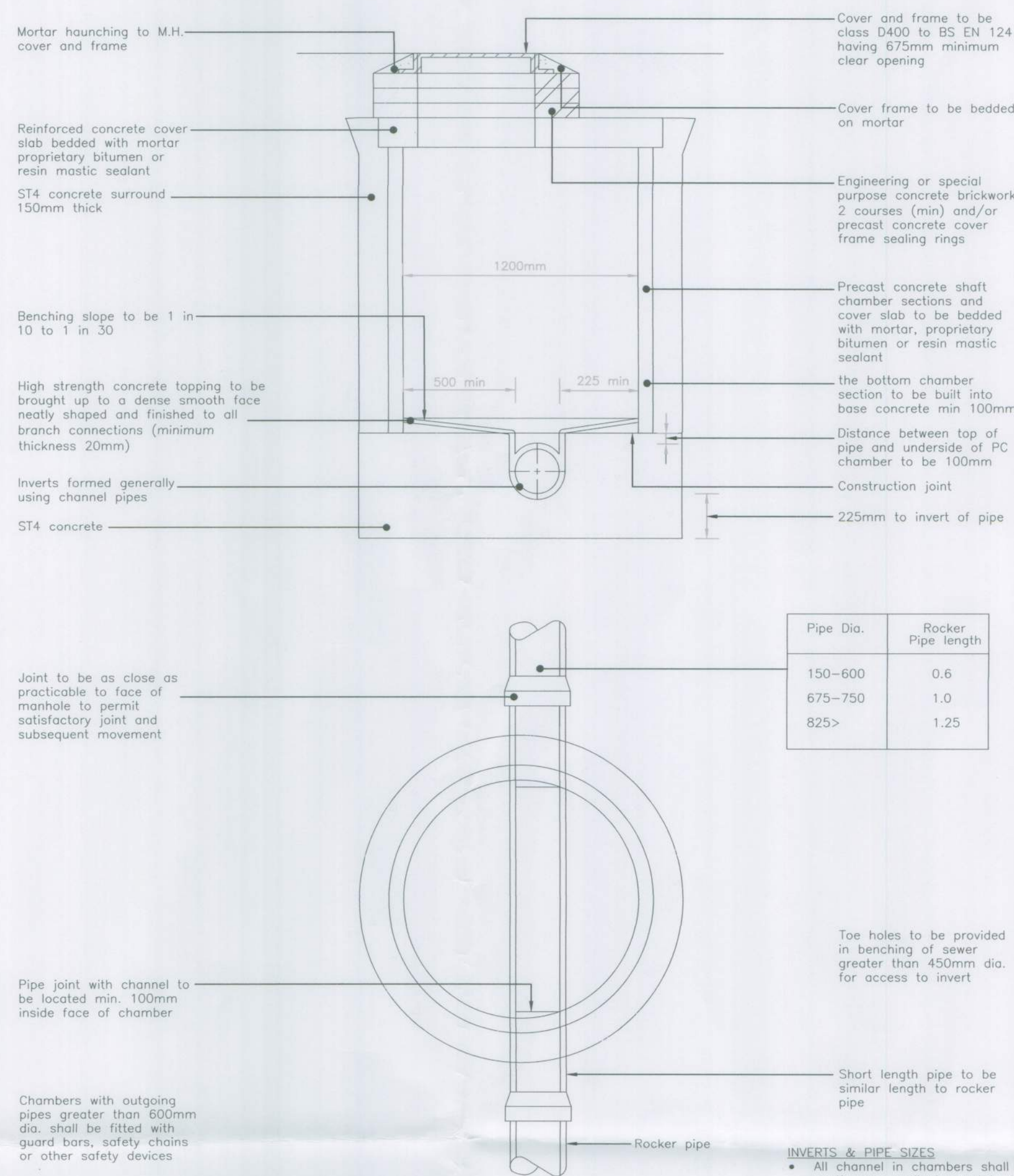




TYPICAL MANHOLE DETAIL – TYPE A
DEPTH TO SOFFIT 3.0m TO 6.0m



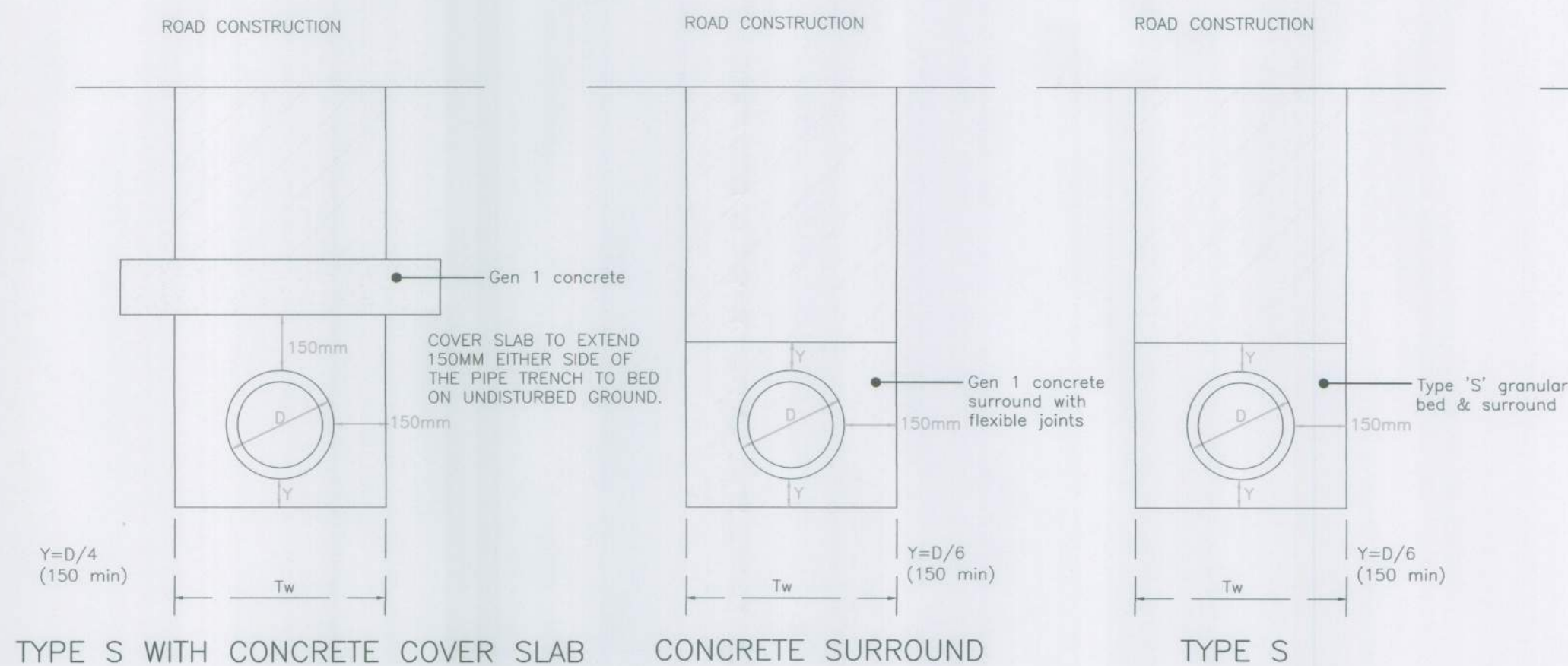
MANHOLE DETAIL – TYPE D
DEPTH TO SOFFIT < 1.0m



MANHOLE DETAIL – TYPE B
DEPTH TO SOFFIT 1.45 TO 3.0m

BACKFILL TO TRENCHES

- Backfill within highways 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.

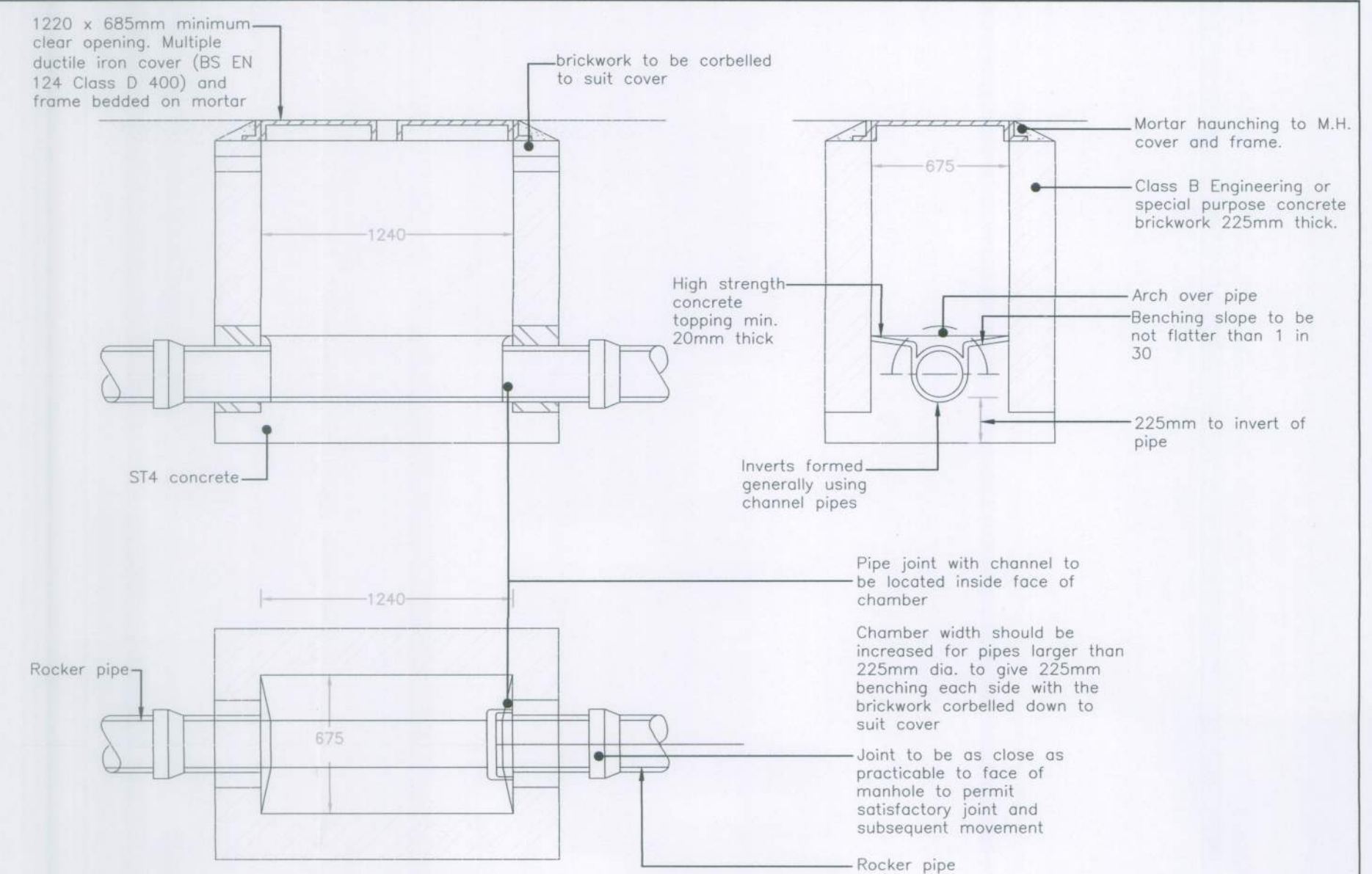


GRANULAR BEDDING & SURROUND

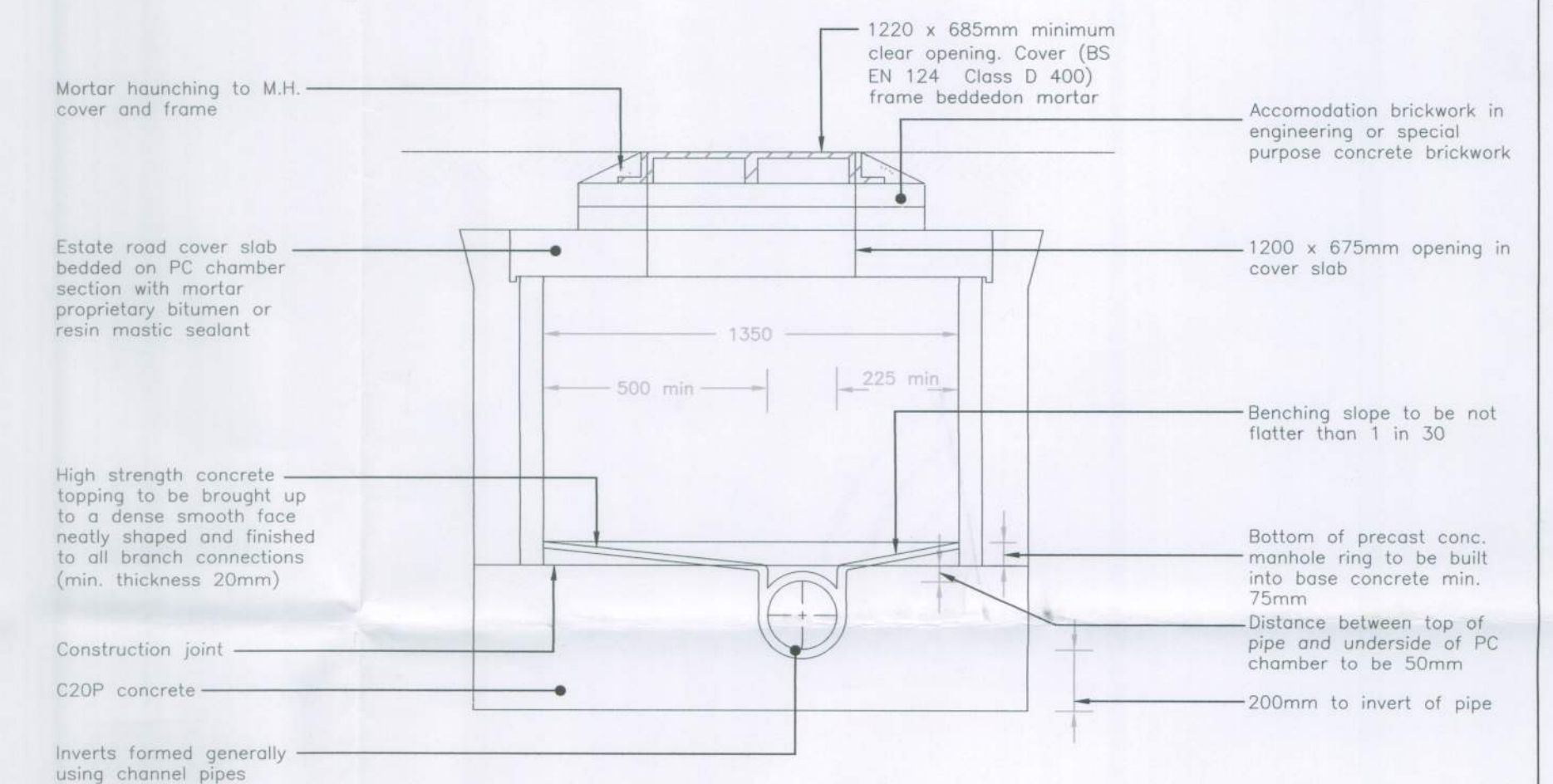
Granular bedding for pipes shall comply with Cl 2.88 of CESWI, sized in accordance with the following table:

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

PIPE BEDDING DETAILS



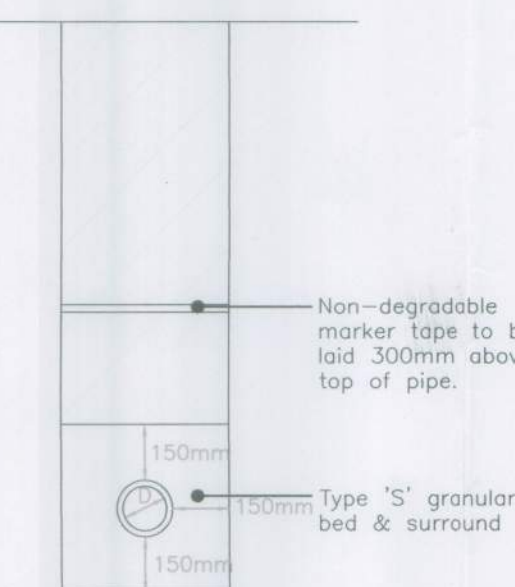
MANHOLE DETAIL – TYPE C
DEPTH TO SOFFIT 1.0 TO 1.45m



MANHOLE DETAIL – TYPE E
DEPTH TO SOFFIT 1.0 TO 1.45m

GENERAL NOTES:

- This drawing to be read in conjunction with all other engineering details.
- All Section 104 work shall be in accordance with the document 'Sewers for Adoption' 6th Edition as published by WRc plc, The Civil Engineering Specification to the Water Industry and the Water Authorities requirements.
- All adoptable works to be checked by the Water Authority inspector.



RIISING MAIN

PRELIMINARY

REV. No.	DATE	DESCRIPTION	INITIALS
Client			
		MJA CONSULTING CIVIL AND STRUCTURAL ENGINEERS 58-62 Oak Street, Abingdon Oxon, OX14 5BZ Tel: 01235 555173 Fax: 01235 523226	
Project Phase 5E Felpham, Bognor Regis		Scale As shown@A1	Date Jan 12
Title Sewer Construction Details		Checked KTG	Drawing No. 4348:1021
		Rev	