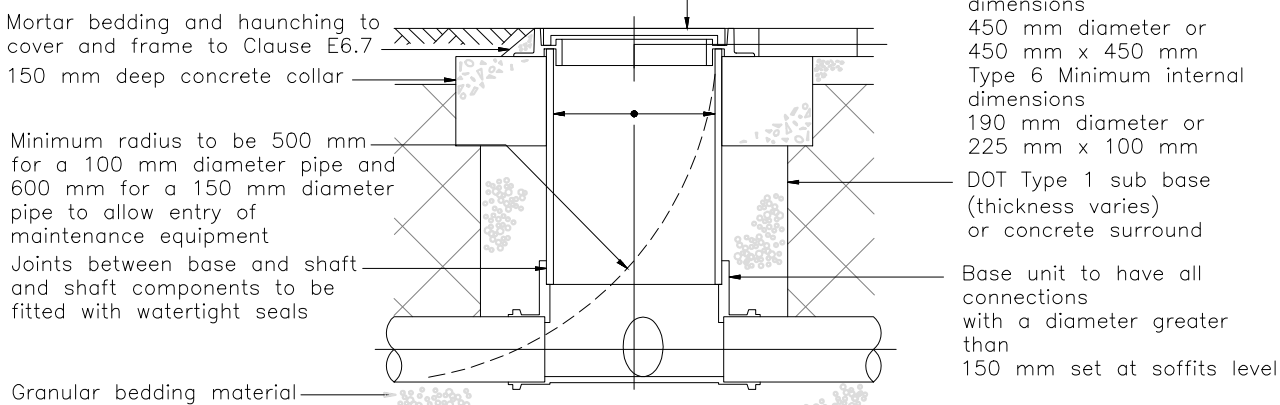
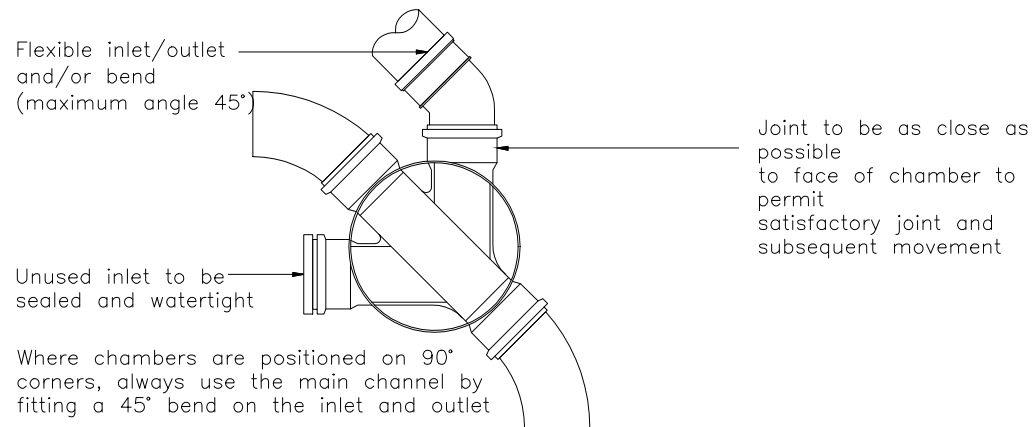
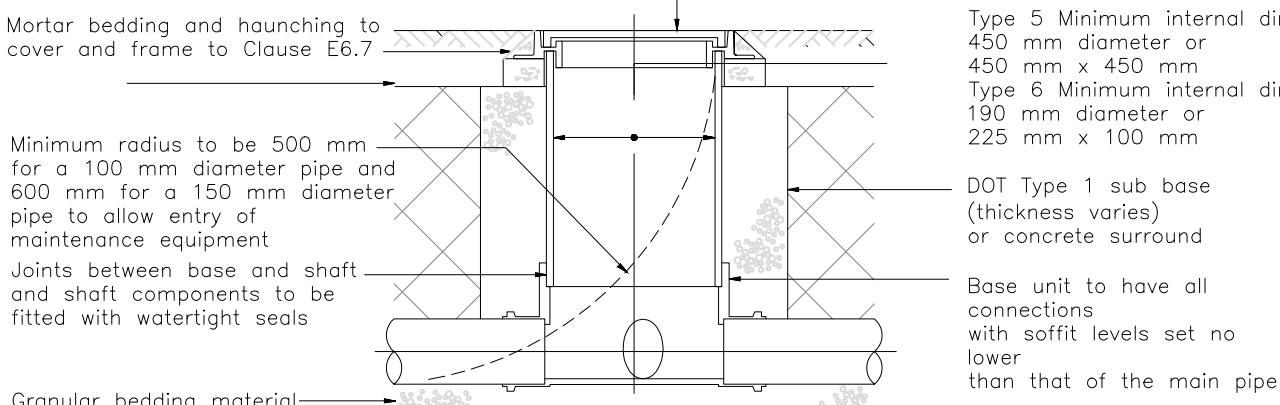


Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval

Sited in driveways/paved areas



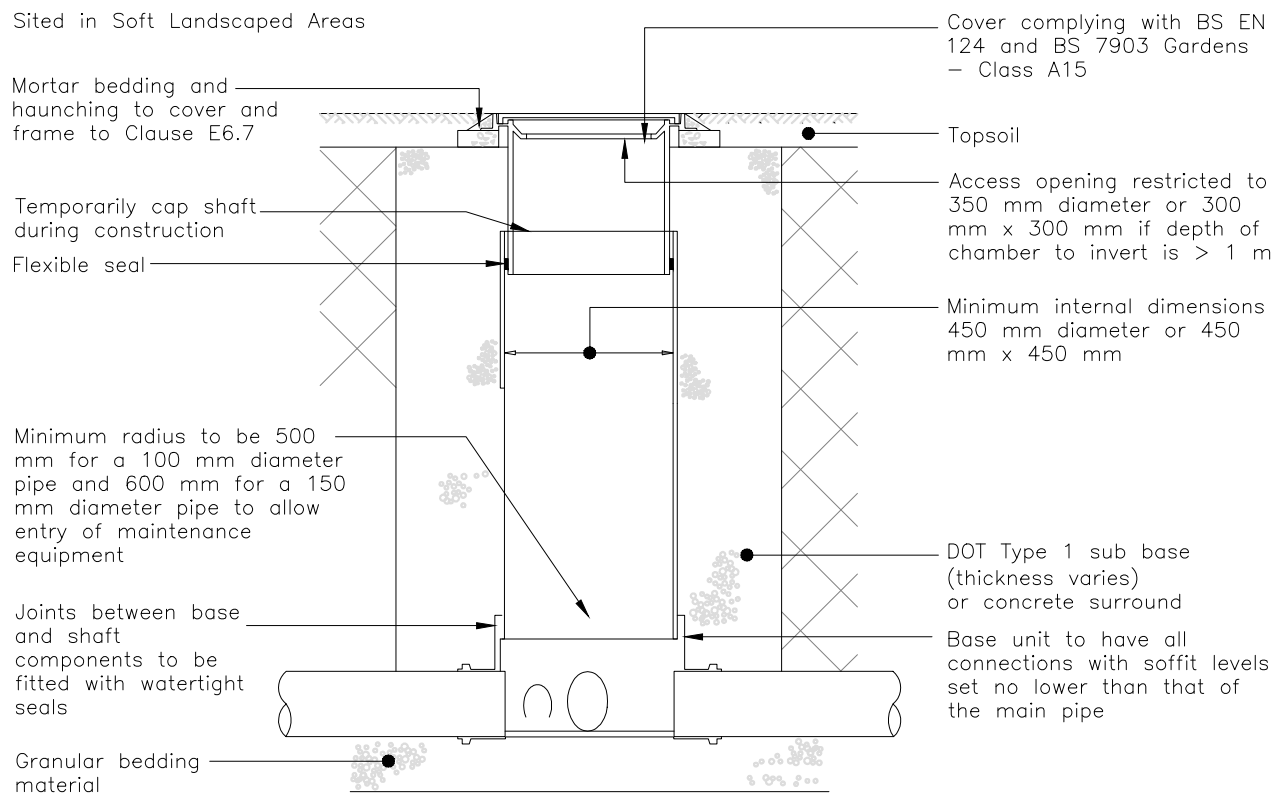
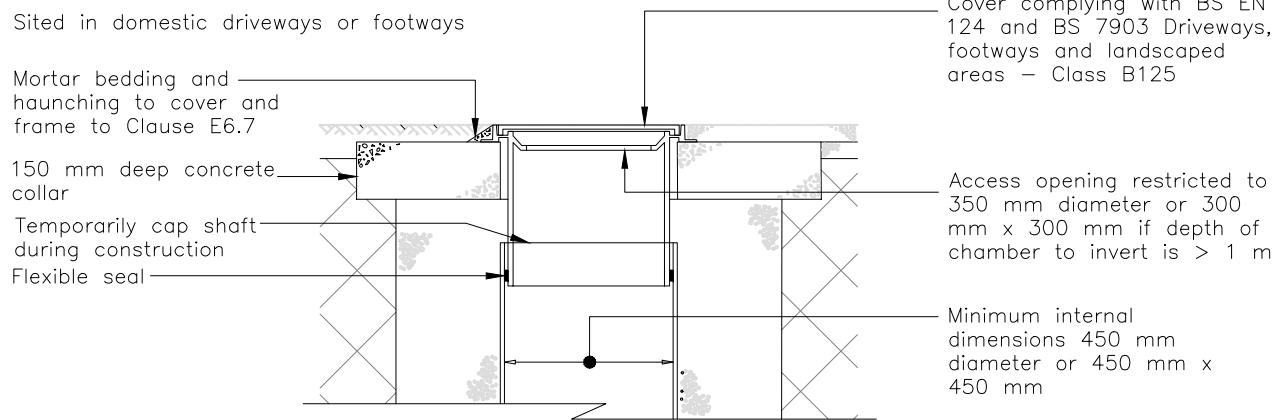
Sited in landscaped areas



Note: Where the access chamber is in the highway the Highway Authority can have specific requirements

TYPICAL INSPECTION CHAMBER DETAIL – TYPE 5 & 6 (FLEXIBLE MATERIAL DETAIL) FIGURE 10
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 2M, NON-ENTRY

Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval



TYPICAL INSPECTION CHAMBER DETAIL – TYPE 4 (FLEXIBLE MATERIAL DETAIL) FIGURE 8
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE FOR AREAS NOT SUBJECT TO VEHICLE LOADING OR AREAS SUBJECT TO LIGHT VEHICLE LOADING 3M, NON-ENTRY

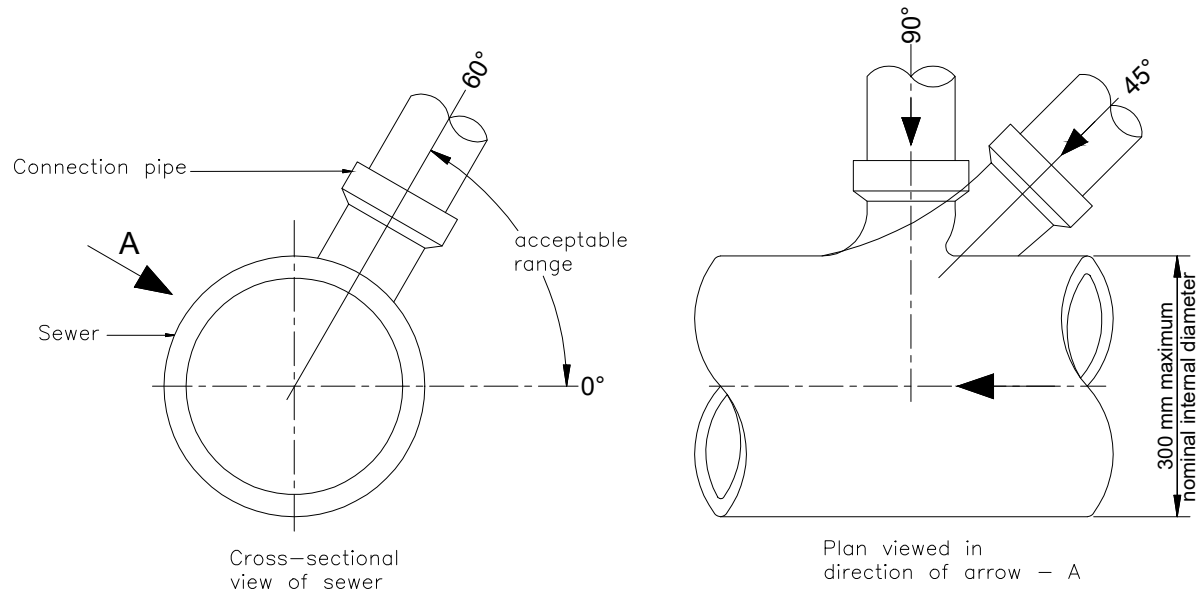
GRANULAR BEDDING & SURROUND

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 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
			0.5

PIPE BEDDING DETAILS

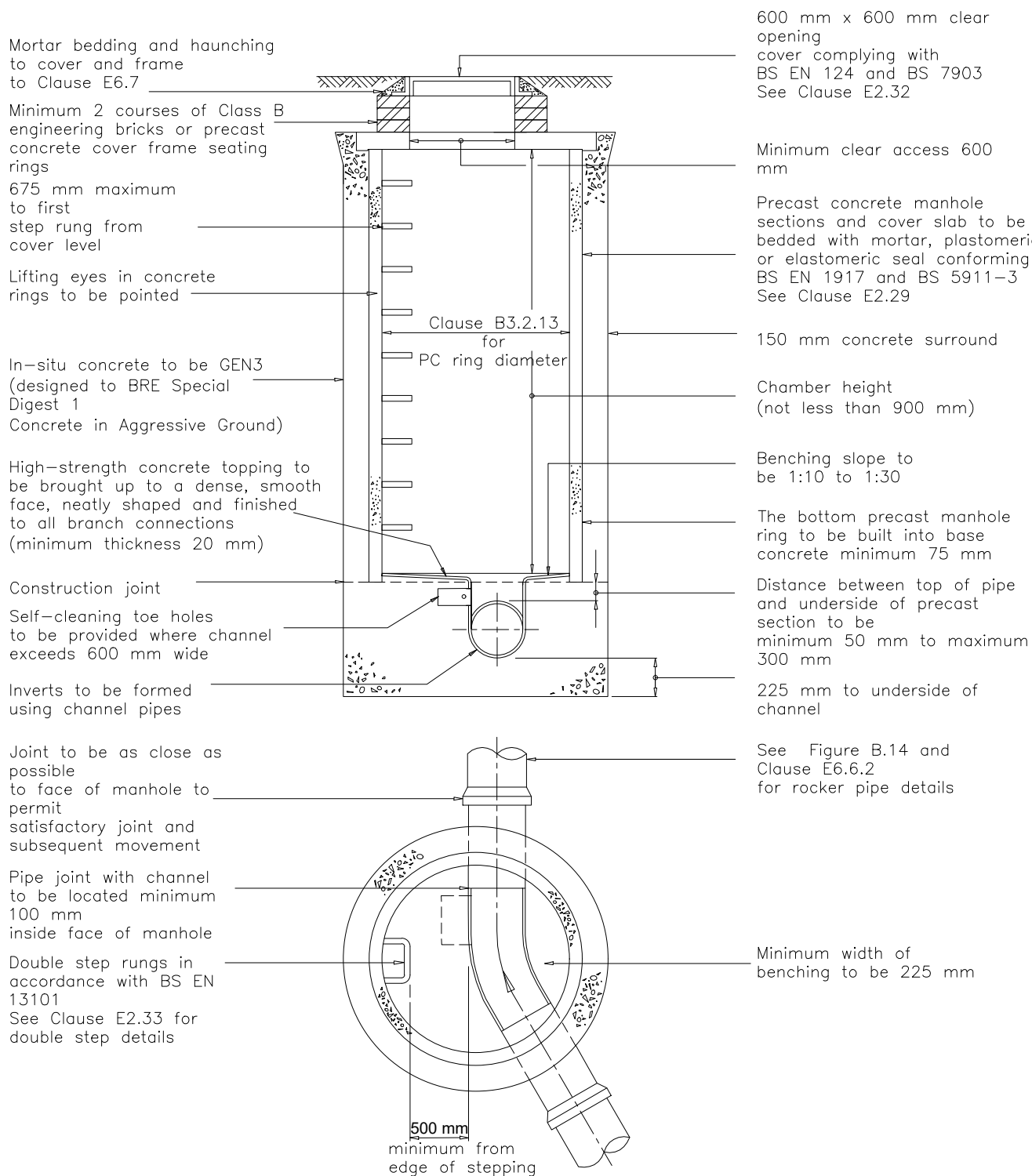
PIPE DIA	TRENCH WIDTH Tw
150	600
225	700
300	750
375	1050
450	1150
525	1200
600	1350
675	1450
750	1500
825	1600
900	1900
1050	2050
1200	2300



CONNECTIONS TO SEWER

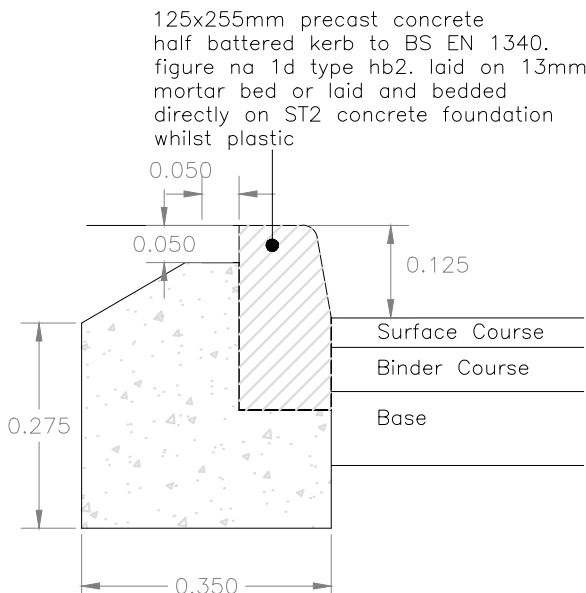
GENERAL NOTES:

- Do note scale from this drawing.
- All dimensions in metres and all levels relate to Ordnance Datum
- This drawing is to be read in conjunction with all other engineering drawings. Any discrepancies shall be reported to MJA Consulting Engineer's.
- Details provided are too 'Sewers of Adoption' 7th Edition.
- The level and location of all existing services shall be verified on site by the contractor before commencing any construction work.

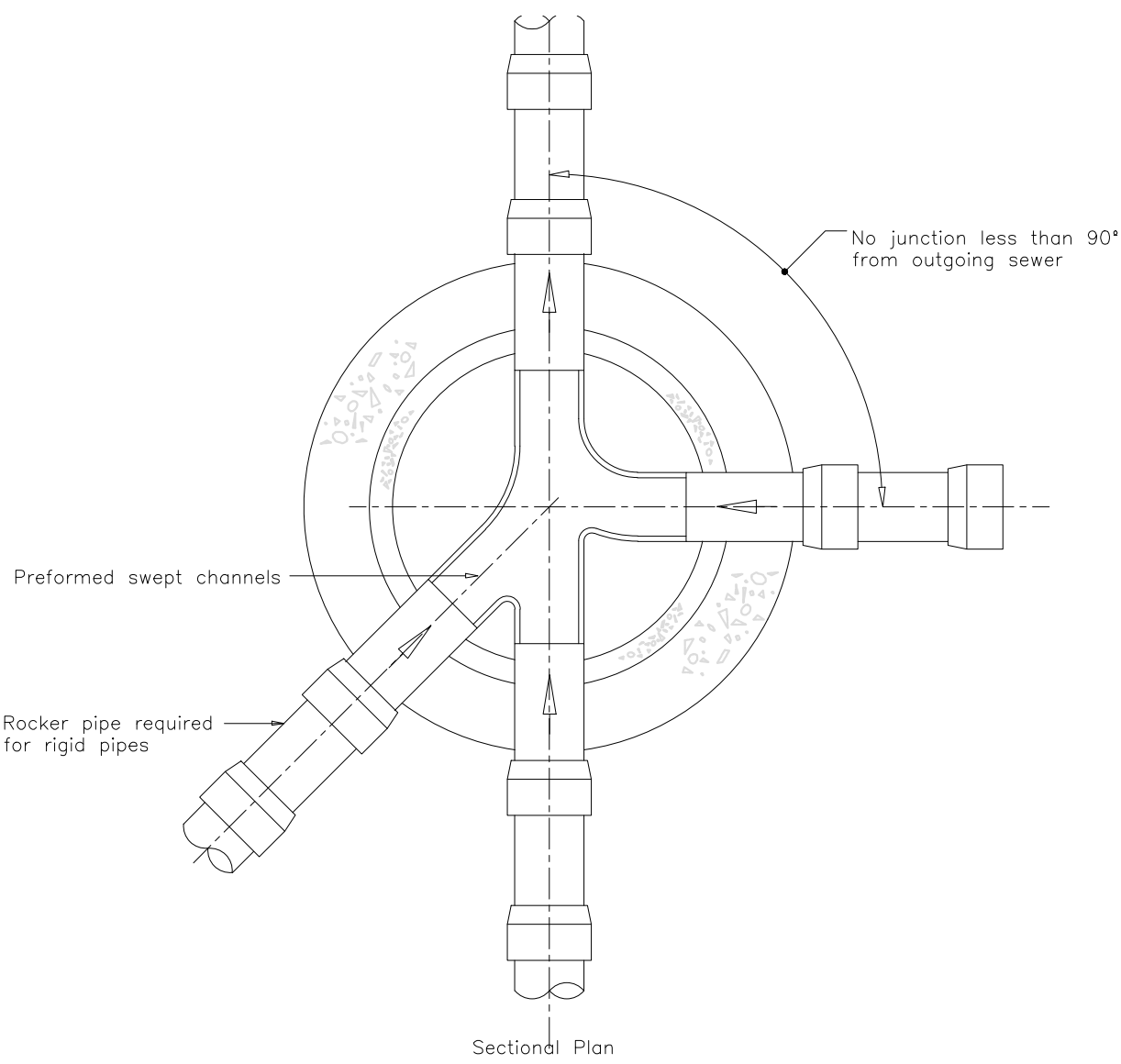


TYPICAL MANHOLE DETAIL – TYPE 2
FIGURE B.12

Maximum depth from cover level to soffit of pipe 3.0 m



HB2 KERB DETAIL
Scale 1:10



Rigid pipes built into manhole should have a flexible joint as close as feasible to the external face of the structure and the length of the next rocker pipe should be as shown.

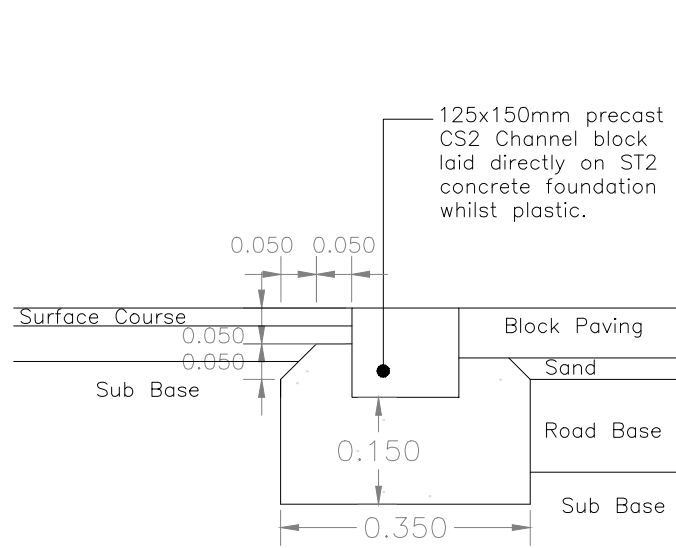
Nominal diameter (mm)	Maximum effective length (m)
150 - 600	0.6
601 - 750	1.00
over 750	1.25

All pipes entering the bottom of the manhole to have soffits level.

TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES
FIGURE 2.9

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 7th edition' or as stipulated in Thames Water's addendum.
- All adoptable works to be checked by the Water Authority inspector.



CS2 CHANNEL
Scale 1:10

FOR APPROVAL

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	Oldland Farm Commercial Development	Scale As Shown Checked AMc	Date Mar'19 Drawn KJ
Title	Typical Construction Details (Sheet 1)	Drawing No. 4692:20	Rev –