

FIGURE B.13
TYPICAL MANHOLE DETAIL - TYPE 2 (Alternative construction detail)
Maximum depth from cover level to soffit of pipe 3.0 m

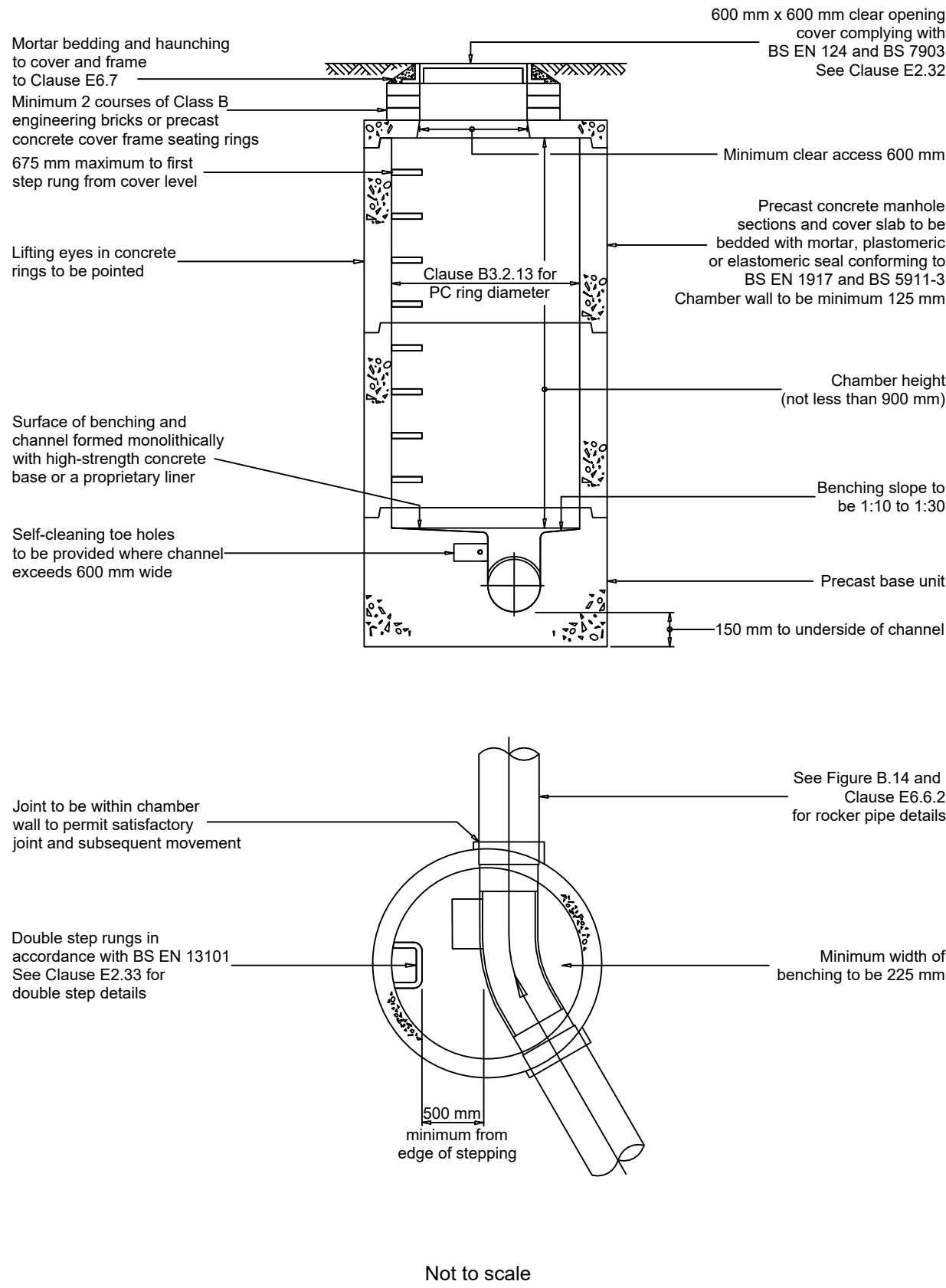
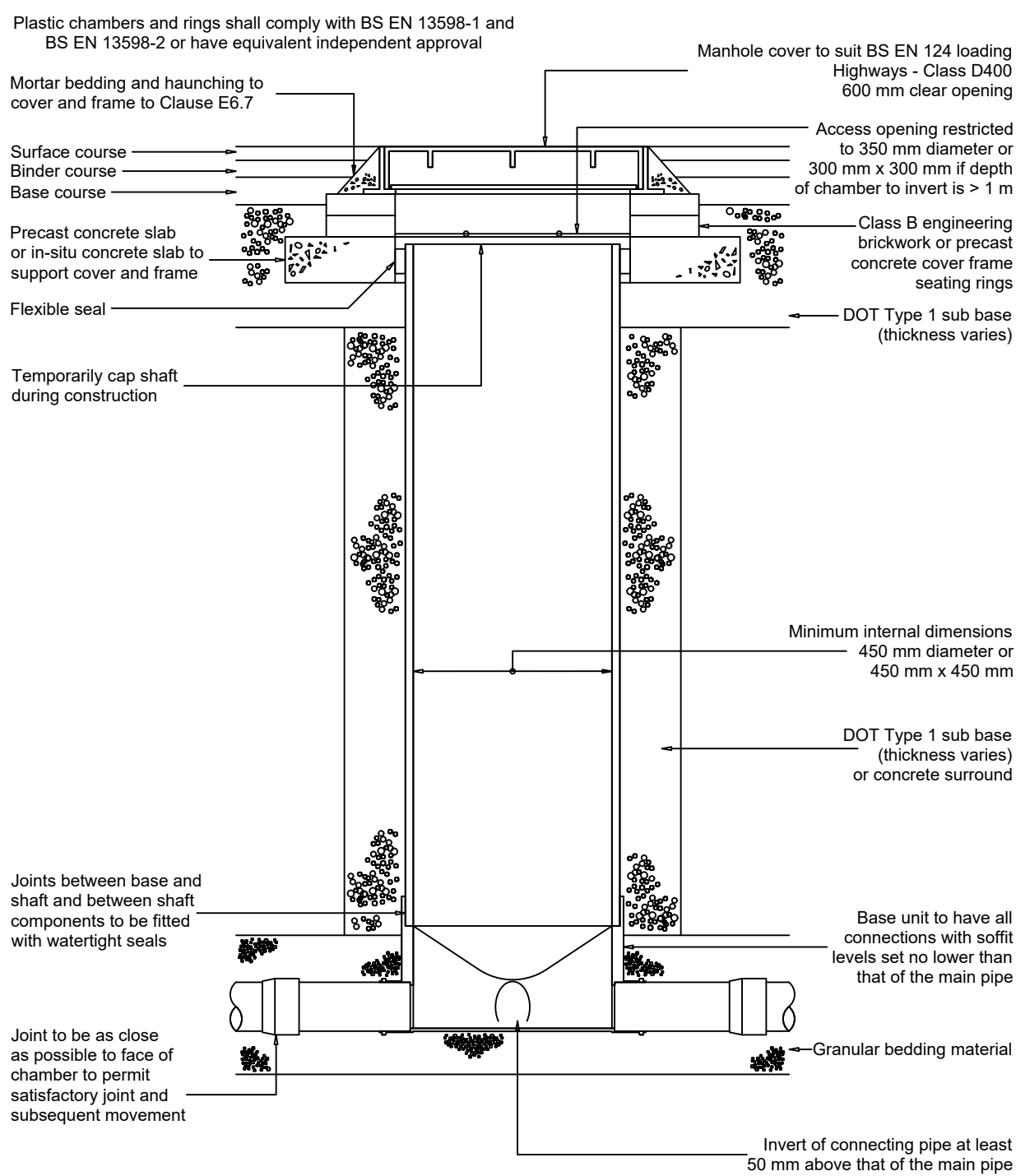
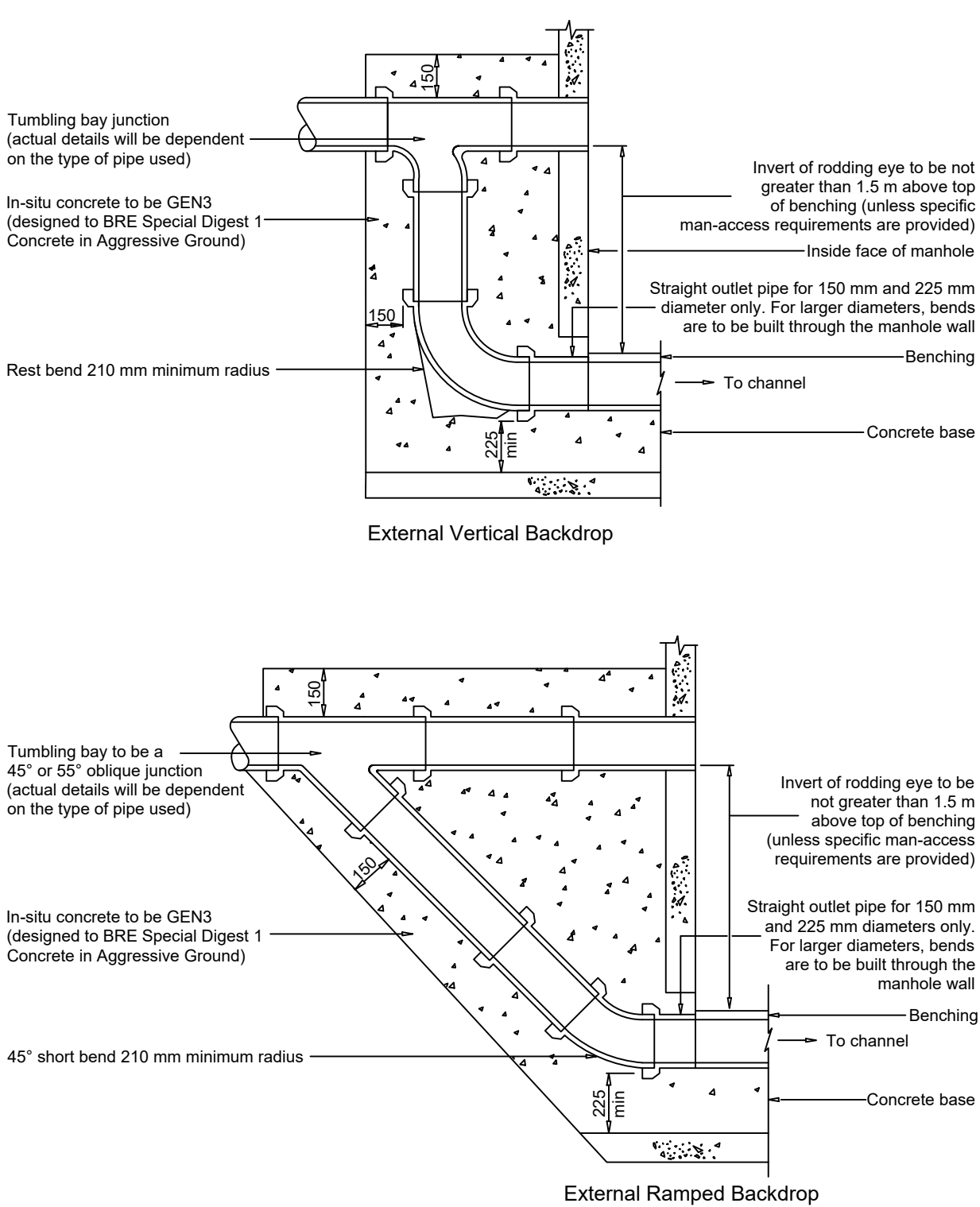


FIGURE B.16
TYPICAL INSPECTION CHAMBER DETAIL - TYPE 3 (Flexible material detail)
Maximum depth from cover level to soffit of pipe in areas subject to vehicle loading 3 m, non-entry



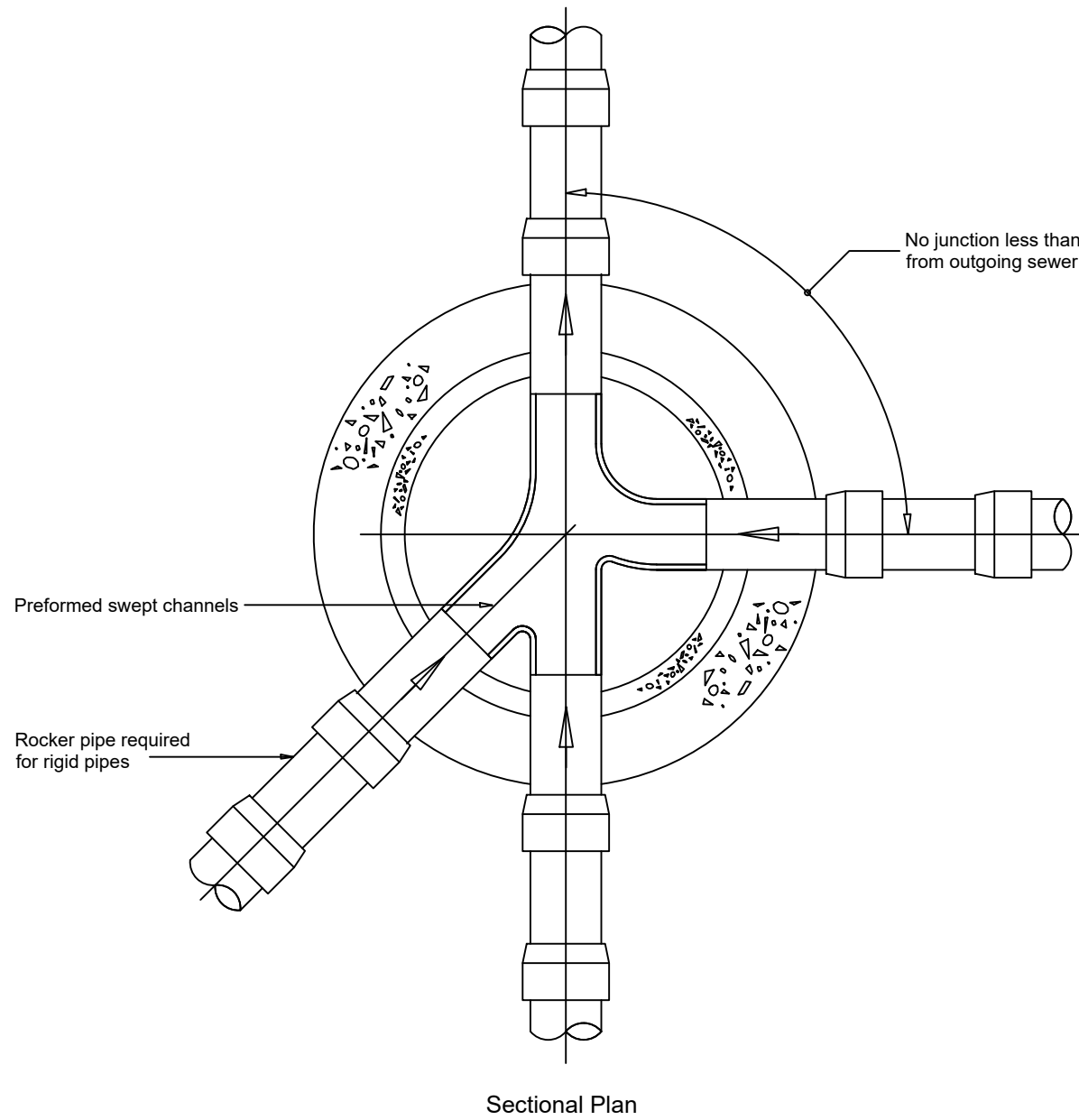
Note: Where the access chamber is in the highway the Highway Authority can have specific requirements

FIGURE B.15
TYPICAL VERTICAL AND RAMPED BACKDROP DETAIL
Note: Steeper gradients are preferred to the use of backdrops.
Type of backdrop to be used to be agreed with Undertaker.



Not to scale, dimensions in millimetres

FIGURE B.14
TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES

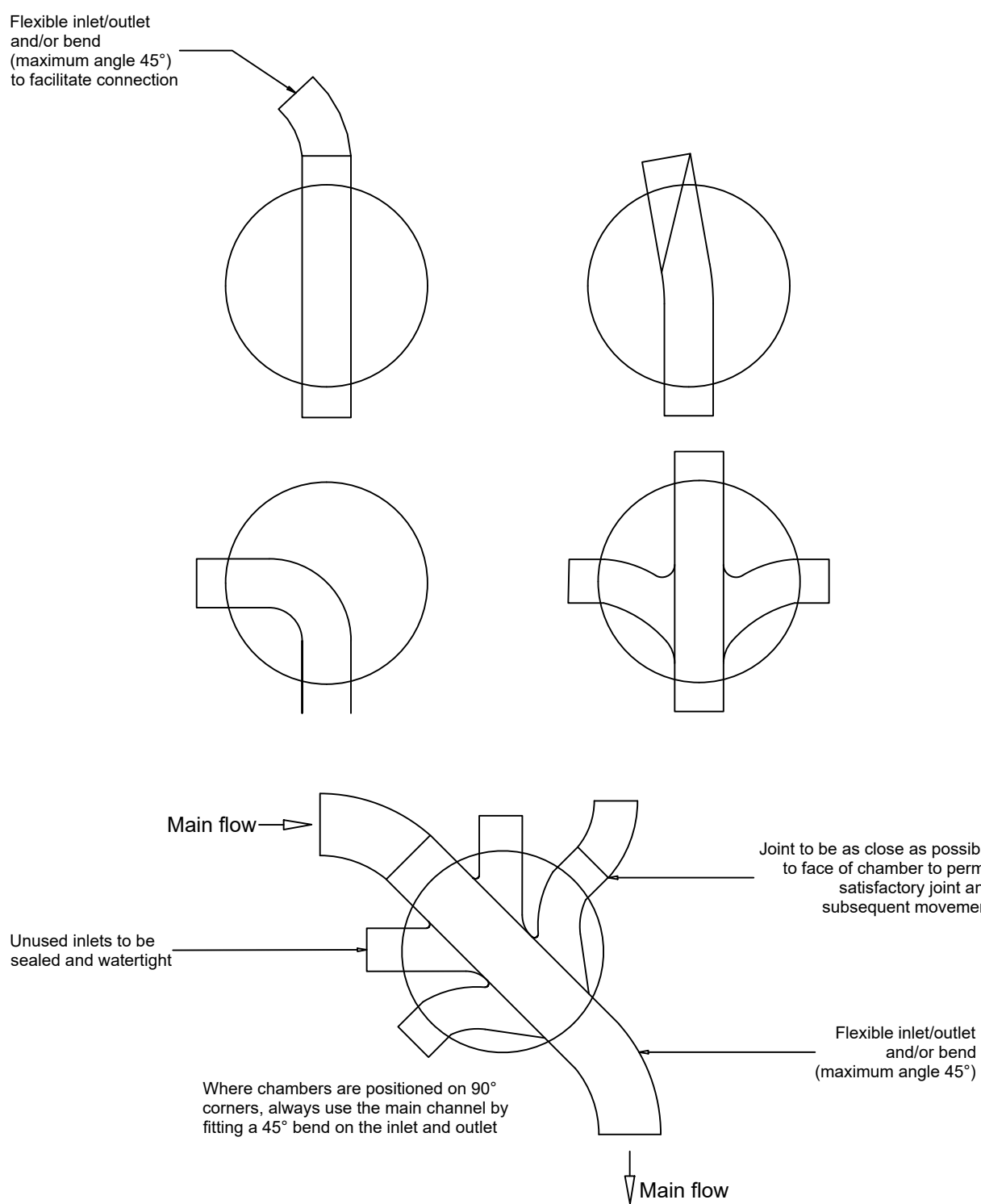


Rigid pipes built into manhole should have a flexible joint as close as feasible to the external face of the structure and the length of the next rocker pipe should be as shown.

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.

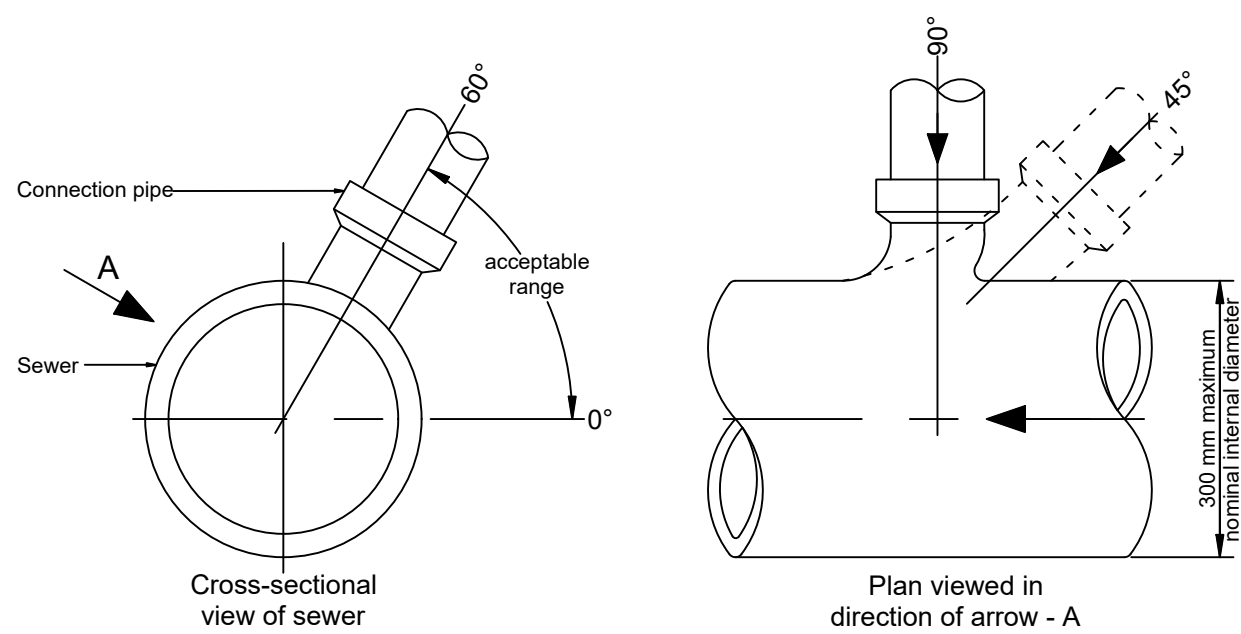
FIGURE B.20
ALTERNATIVE BASE LAYOUTS FOR TYPE 3 CHAMBERS




Note: Where a bend is used immediately outside the manhole, this may be used as the rocker pipe

Not to scale

FIGURE B.24
CONNECTIONS TO SEWER



P2	11.08.23	ISSUED FOR PLANNING APPROVAL			M.H	C.J.H	
P1	06/07/23	PRELIMINARY ISSUE			OJ		
Rev	Date	Comment			By	Check	
Status Code		Drawing Status					
S3		FOR APPROVAL					
This drawing may only be used for construction/manufacture if status is CONSTRUCTION							
		<div><div><div>Furness Partnership</div><div>Consulting Structural/Civil Engineers</div></div><div><div><input type="checkbox"/> London</div><div>20 Britton Street, London, EC1M 5TX tel: 020 7490 4353 fax: 020 7490 4354 e-mail: info@furnesspartnership.com</div></div><div><div><input checked="" type="checkbox"/> Bradford</div><div>The Paper Hall, Anne Gale, Bradford, BD1 4EQ tel: 01274 392092 e-mail: mail@furnesspartnership.com</div></div></div>					
Project							
MILLOM LEISURE CENTRE							
Drawing Title							
PROPOSED FOUL WATER DRAINAGE LAYOUT							
FP Job No.	Drawn	Date	Checked	Scale @ A1			
L2762	O.J	JUN '23	C.J.H	N/A			
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