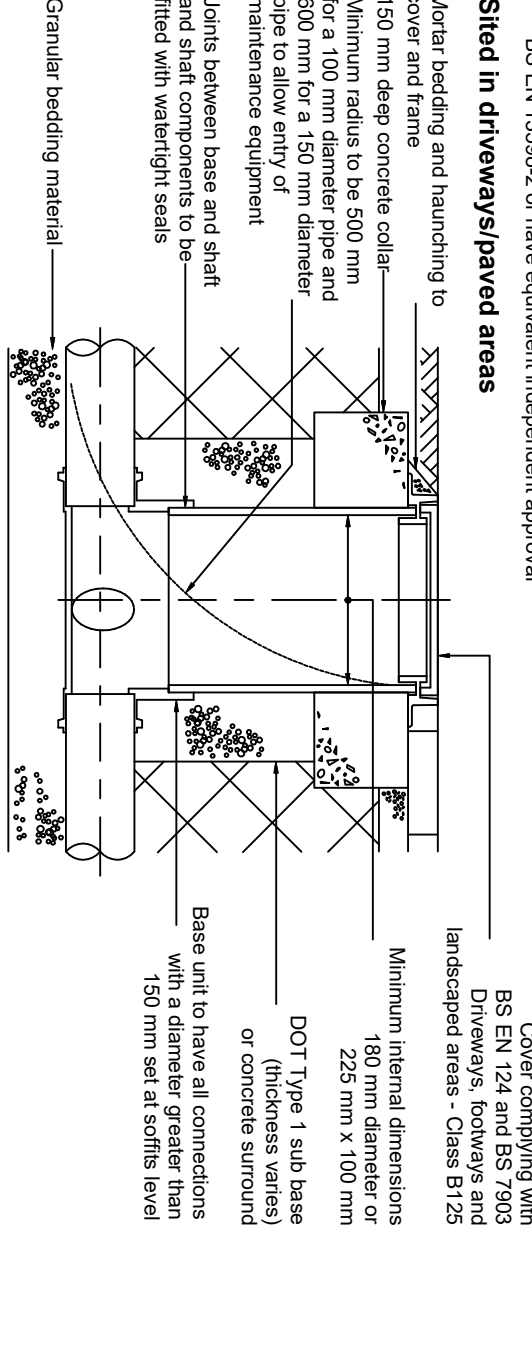


TYPICAL INSPECTION CHAMBER DETAIL - (Flexible material detail)

Maximum depth from cover level to soffit of pipe 2 m, non-entry

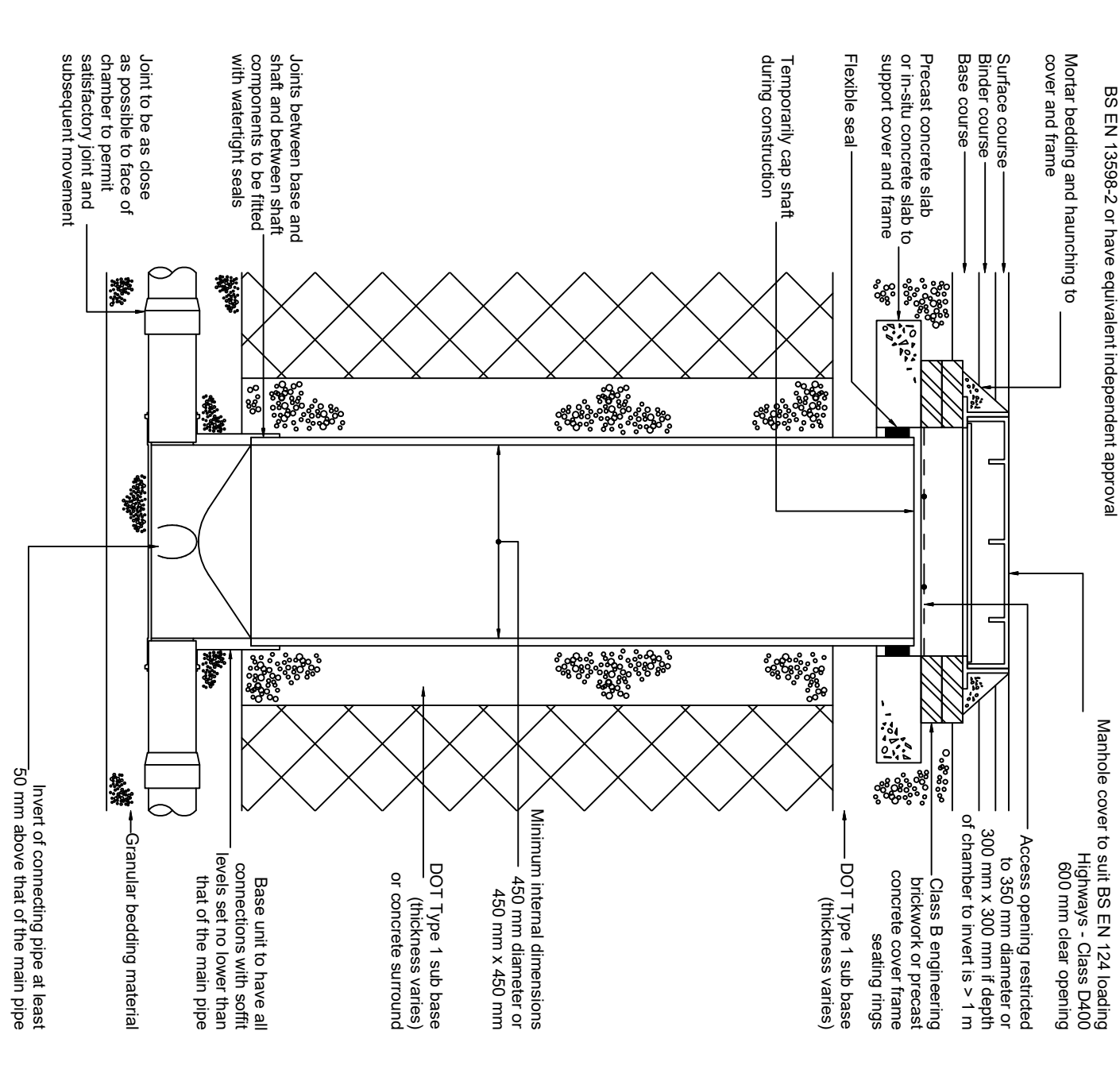
Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval.



TYPICAL INSPECTION CHAMBER DETAIL - (Flexible material detail)

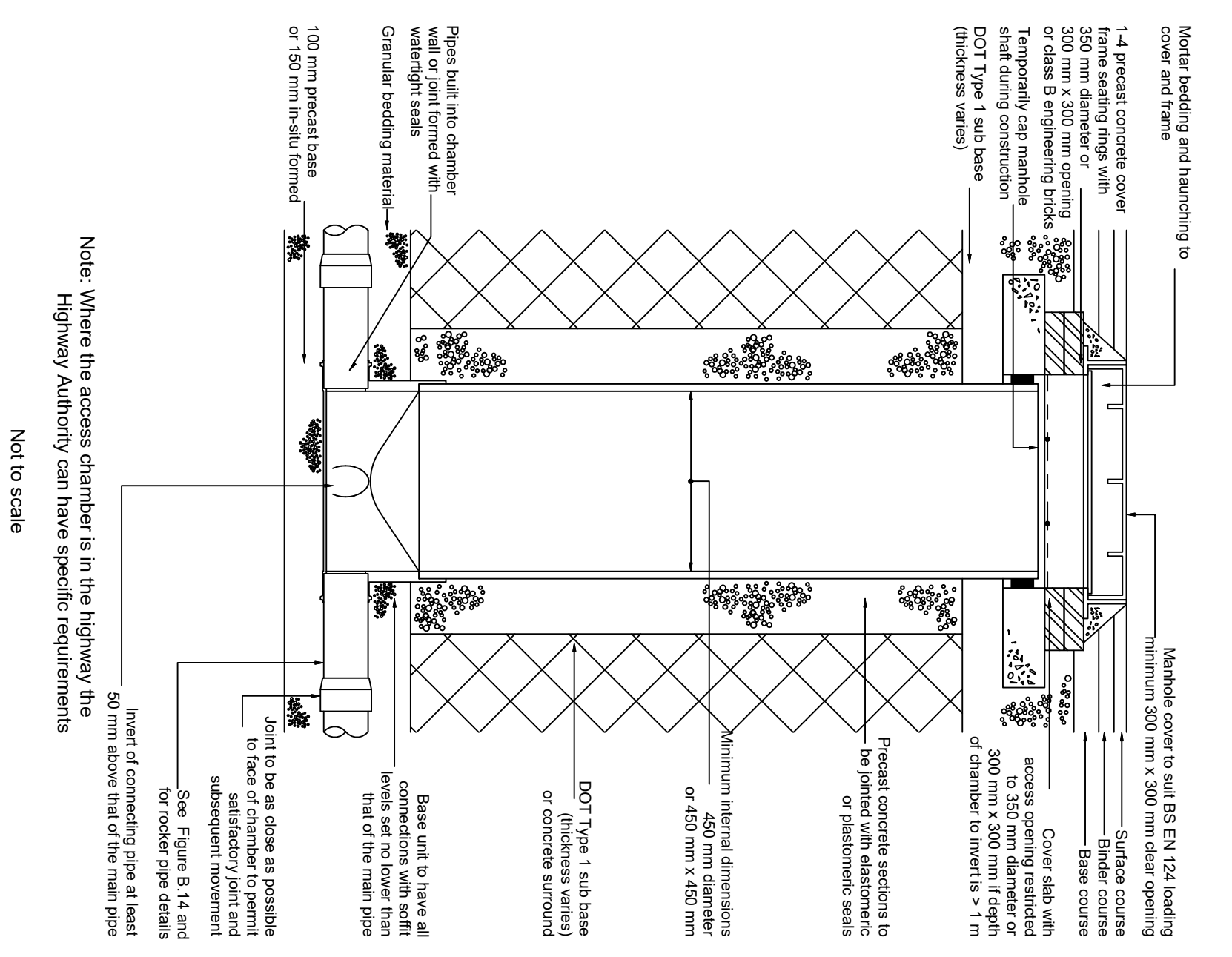
Maximum depth from cover level to soffit of pipe in areas subject to vehicle loading 3 m, non-entry

Plastic chambers and rings shall comply with BS EN 13598-1 and



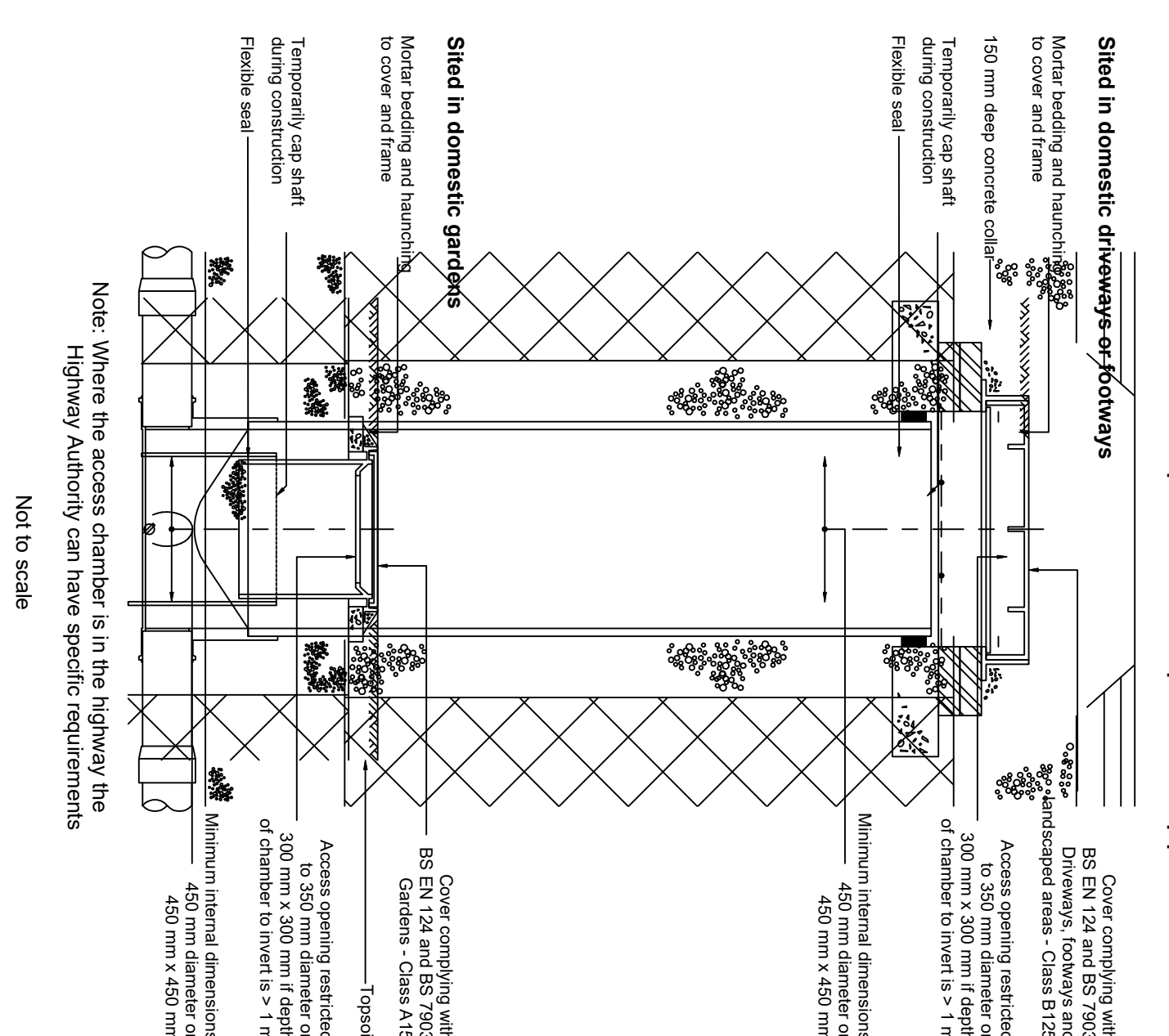
TYPICAL INSPECTION CHAMBER DETAIL - (Rigid material detail)

Maximum depth from cover level to soffit of pipe in areas subject to vehicle loading 3 m, non-entry

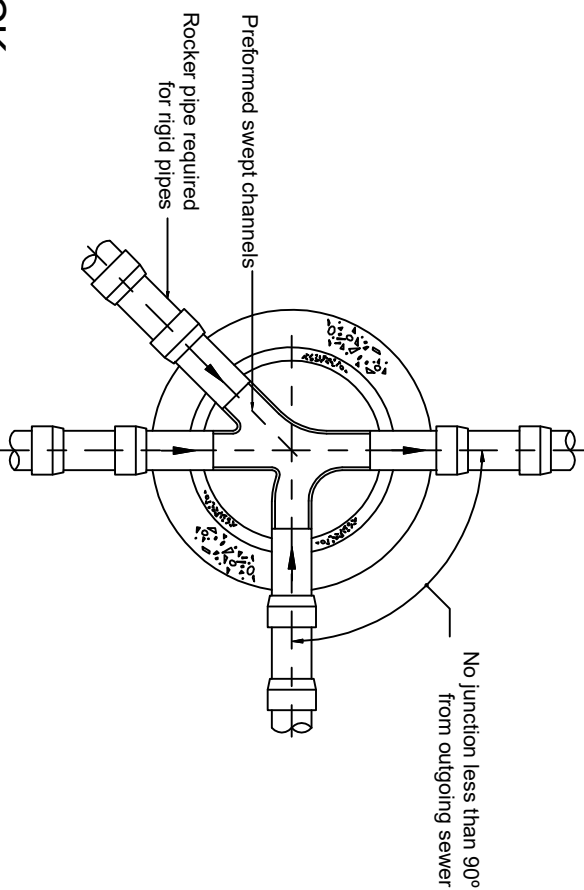


ALTERNATIVE TOP DETAILS FOR LIGHT VEHICLE LOADING

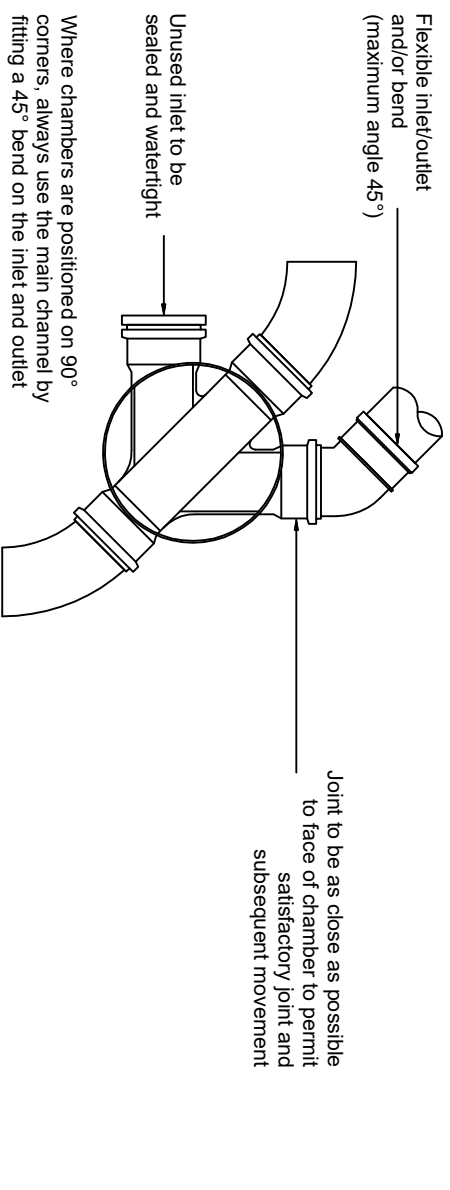
BS EN 13598-2 or have equivalent independent approval



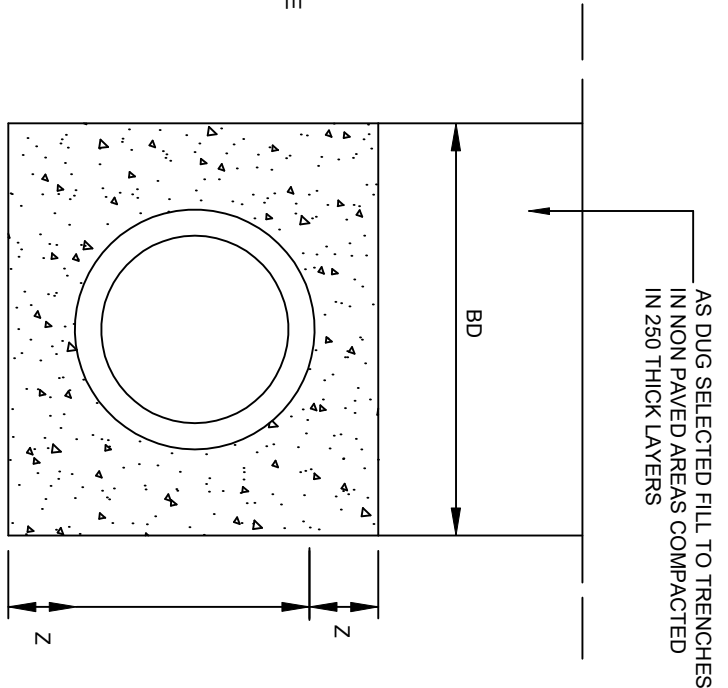
TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES



ALTERNATIVE BASE LAYOUTS FOR TYPE 3 CHAMBERS



CONCRETE BED AND SURROUND



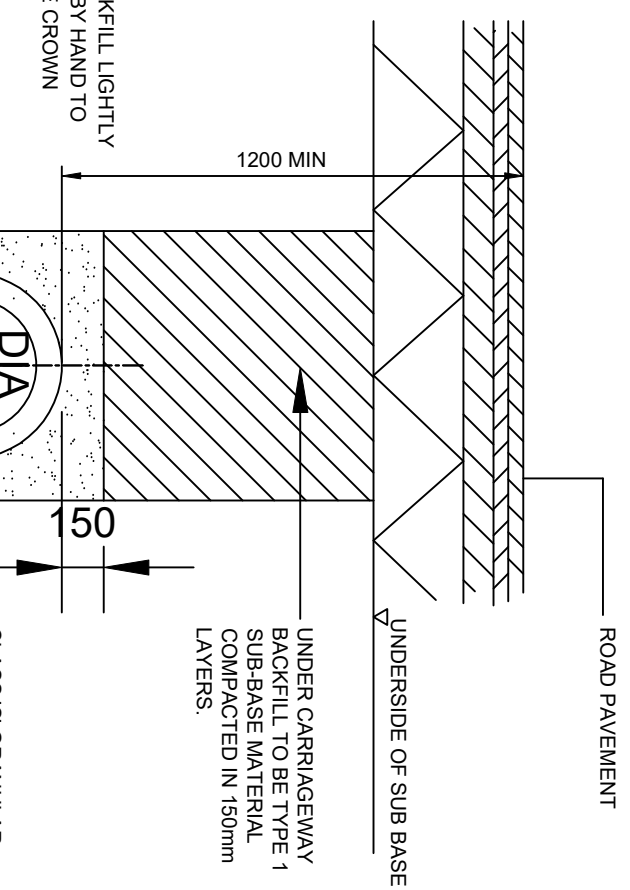
TEST SIEVE	%PASSING
	TYPE A20
63mm	—
37.5mm	100
20mm	85-100
14mm	—
10mm	0-25
5mm	0-5
2.36mm	—

PIPE BEDDING MATERIAL

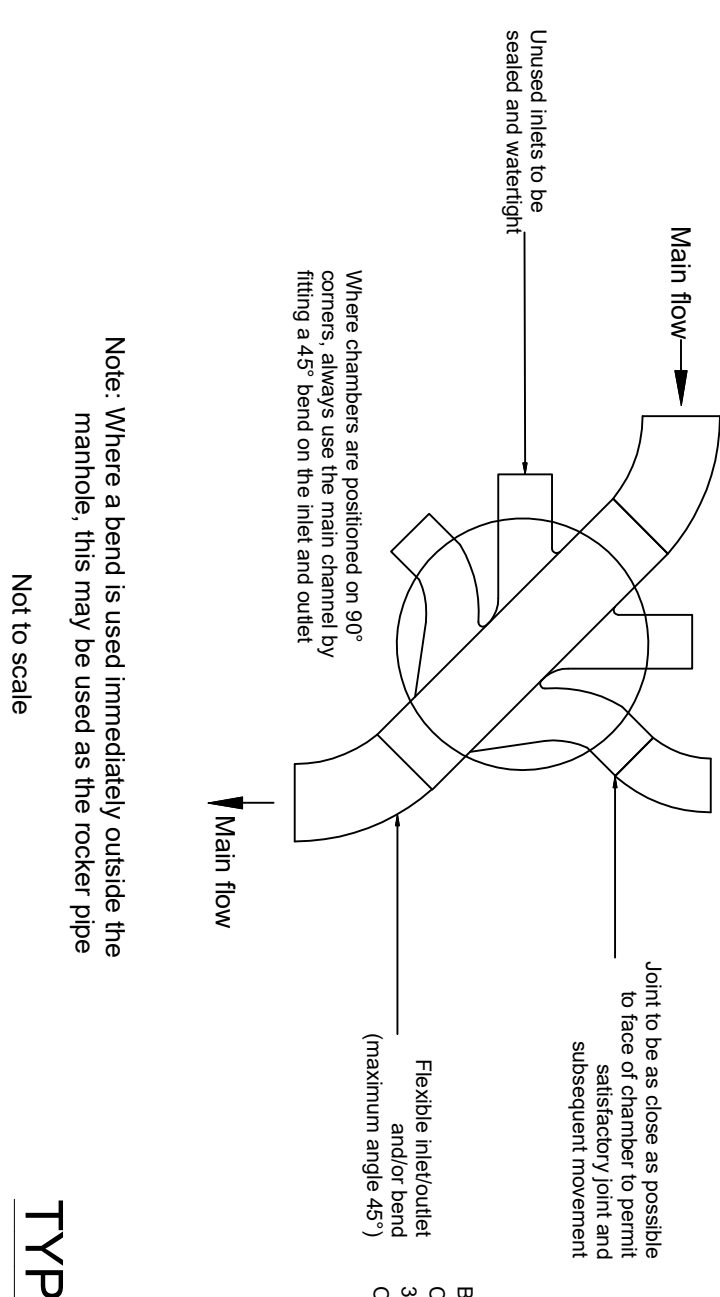
NOTE:-WHERE COVER DEPTH FROM FORMATION IS LESS THAN 1200mm CLASS SC PIPE BED TO BE PROVIDED

PIPE DIA TYPE	TRENCH WIDTH	APPROX. EXT PIPE DIA	BEDDING THICKNESS
	Bd	Bd	Y
150	600	190	100
225	700	280	100
300	880	380	100
450	1150	575	100
525	1200	670	125
600	1350	770	150
800	1900	1100	165

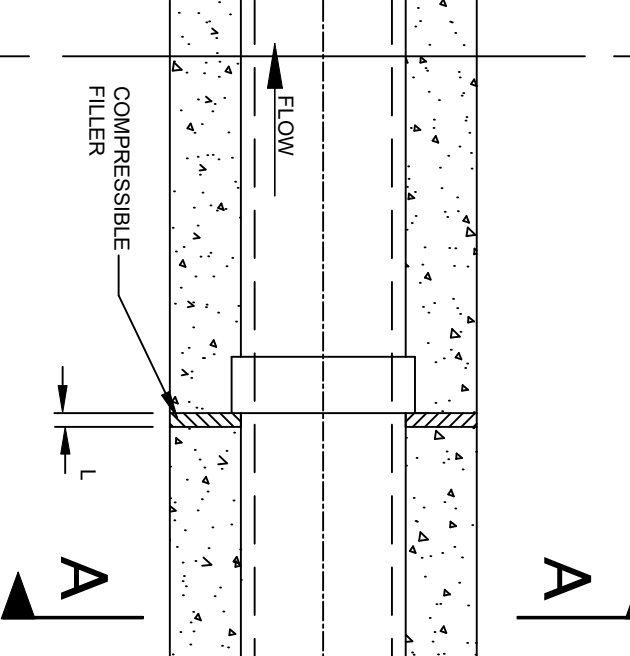
N.T.S



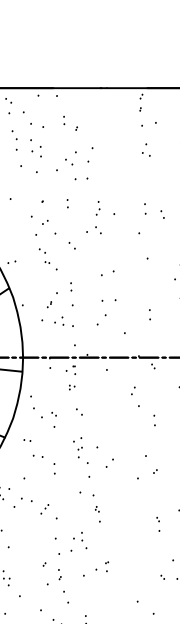
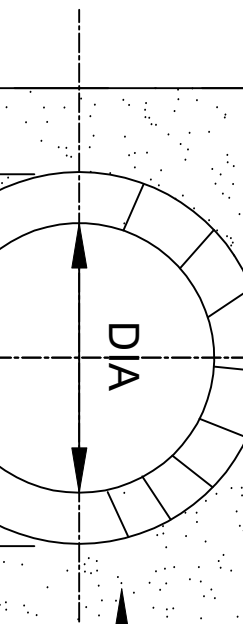
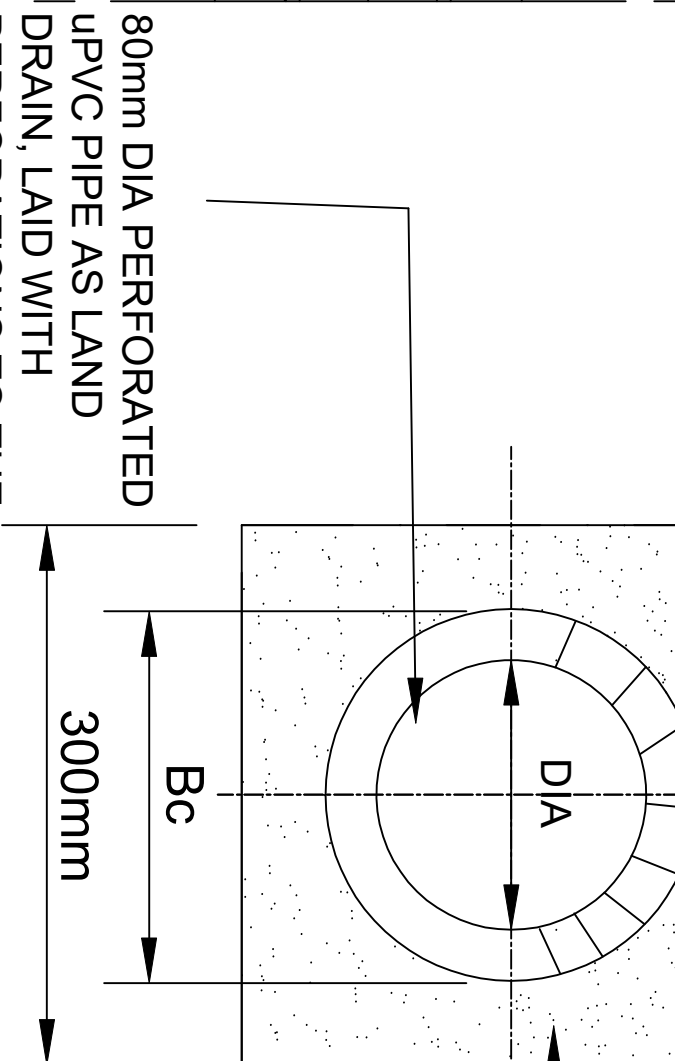
TYPICAL CROSS SECTION THROUGH DRAINAGE



FLEXIBLE JOINT DETAIL



TYPICAL FRENCH DRAIN



TRENCH FILLED WITH
30-50mm DIAMETER CLEAN
STONE/GRAVEL OR CLEAN
RECYCLED BROKEN
MASONRY, CRUSHED
CONCRETE WITH NO FINES.

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

Rev	Description	chk'd/app'd	Date
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Issue
PRELIMINARY

Client/Architect
MARKDEN HOMES

Contract
TENFORD LAN
UPPER TEAM
PHASE 2

DRAINAGE CONSTRUCTION DETAILS



RIVERSIDE OFFICES, MOUNTBATTEN WAY, CONGLETON, CHESHIRE, CW12 1DY
Phone/Fax: 07592531735, e-mail: garath@keytechdesign.co.uk

Date	SEPTMBER 2Scale	NTS
Original size A1		
Drawn HB		
Checked		
	Approved	

Drawing No.
K23-013-205

Drawing No.	Revision.
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