

MANHOLE SCHEDULE

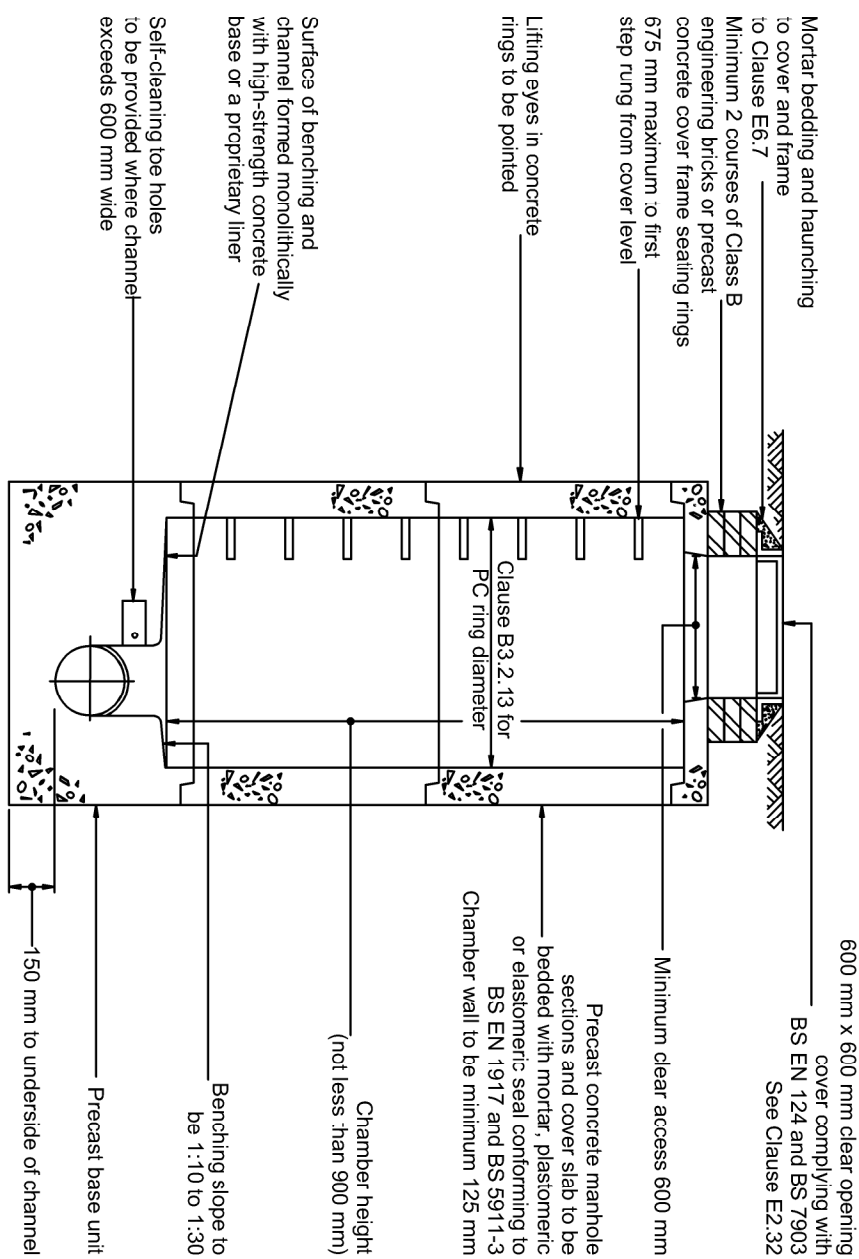
MH REF.	COVER LEVEL	INVERT LEVEL(S)	DEPTH(s) TO INVERT	COVER TO SOFFIT (mm)	PIPE DIA (mm)	MANHOLE TYPE	COVER GRADE	COMMENTS	CO-ORDINATES EASTINGS	NORTHINGS
SURFACE WATER DRAINAGE										
S.01	2.170		1.336	1.036	300	TYPE 2 – 1200 DIA.	D400	MANHOLE BUILT OVER EXISTING SINKER.		
S.02	2.300	0.834			300	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		
S.03	3.000			300	300	TYPE 2 – 1500 DIA.	C250	HYDROBRAKE MANHOLE (DESIGN HEAD = 1.266m)		
S.04	3.300			300	300	TYPE 2 – 1200 DIA.	C250	CATCHPT & BACKDROP MANHOLE		
S.05	3.500			225/300	225	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		
S.06	3.600			225	225	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		
S.07	3.500			225	225	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		
S.08	3.000			150/225/300	225	TYPE 2 – 1200 DIA.	C250	BACKDROP MANHOLE		
S.09	2.800			225	225	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		
S.10	2.760			150/225	150/225	TYPE 2 – 1200 DIA.	C250	CATCHPT MANHOLE		
S.11	3.620			150/225	150/225	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		
FOUL WATER DRAINAGE										
F.01	2.300			150	150	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		
F.02	3.200			150	150	TYPE 2 – 1200 DIA.	C250	BACKDROP MANHOLE		
F.03	3.600			100/150	100/150	TYPE 3 – 900 DIA.	C250	INSPECTION CHAMBER		
F.04	3.600			100/150	100/150	TYPE 3 – 900 DIA.	C250	INSPECTION CHAMBER		
F.05	3.600			100/150	100/150	TYPE 3 – 900 DIA.	C250	INSPECTION CHAMBER		
F.06	3.710			100	100	TYPE 3 – 800 DIA.	A15	INTERNAL INSPECTION CHAMBER		
F.07	3.710			100	100	TYPE 3 – 800 DIA.	A15	INTERNAL INSPECTION CHAMBER		
F.08	3.100			150	150	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		
F.09	2.800			150	150	TYPE 2 – 1200 DIA.	C250	BACKDROP MANHOLE		
F.10	2.760			150	150	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		
F.11	3.500			100/150	100/150	TYPE 3 – 900 DIA.	C250	INSPECTION CHAMBER		
F.12	3.600			150	150	TYPE 3 – 900 DIA.	C250	INSPECTION CHAMBER		
F.13	2.800			150	150	TYPE 2 – 1500 DIA.	C250	FLOW CONTROL MANHOLE (21/8)		
F.14	2.760			225	225	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		
F.15	3.560			225	225	TYPE 2 – 1200 DIA.	C250	INSPECTION CHAMBER		
F.16	3.560			225	225	TYPE 3 – 1200 DIA.	C250	INSPECTION CHAMBER		

INVERT LEVELS T.B.C FOLLOWING LOCATION OF 300mm DIA. RISING MAIN.

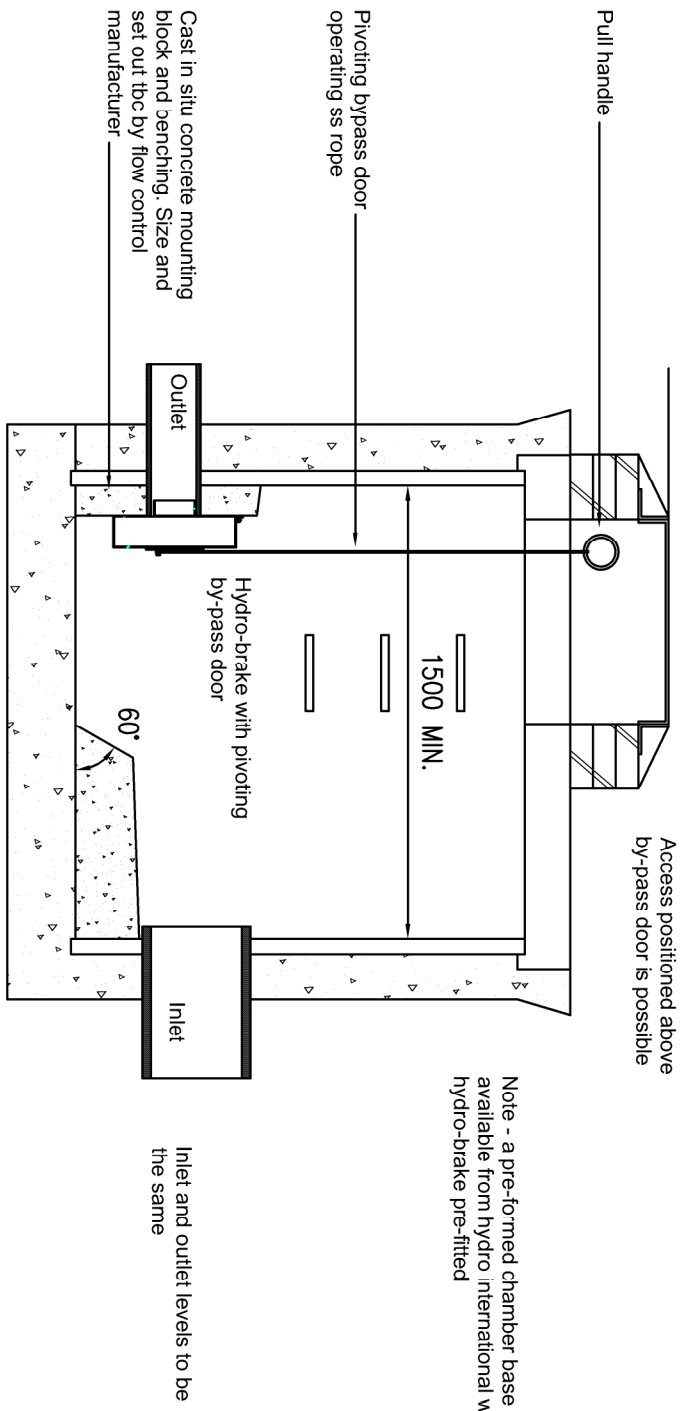
INVERT LEVELS T.B.C FOLLOWING LOCATION OF 300mm DIA. RISING MAIN.

ALL EXACT COVER LEVELS TO BE CONFIRMED AT SITE SUBJECT TO HIGHWAY & EXTERNAL WORKS DETAILS.
ALL MANHOLE COVERS TO BE 600mm SQUARE, UNLESS NOTED * WHICH ARE 300mm SQUARE.

FIGURE B.13
TYPICAL MANHOLE DETAIL - TYPE 2 (Alternative construction detail)



TYPICAL HYDROBRAKE MANHOLE DETAIL



TYPICAL CATCHPT MANHOLE DETAIL

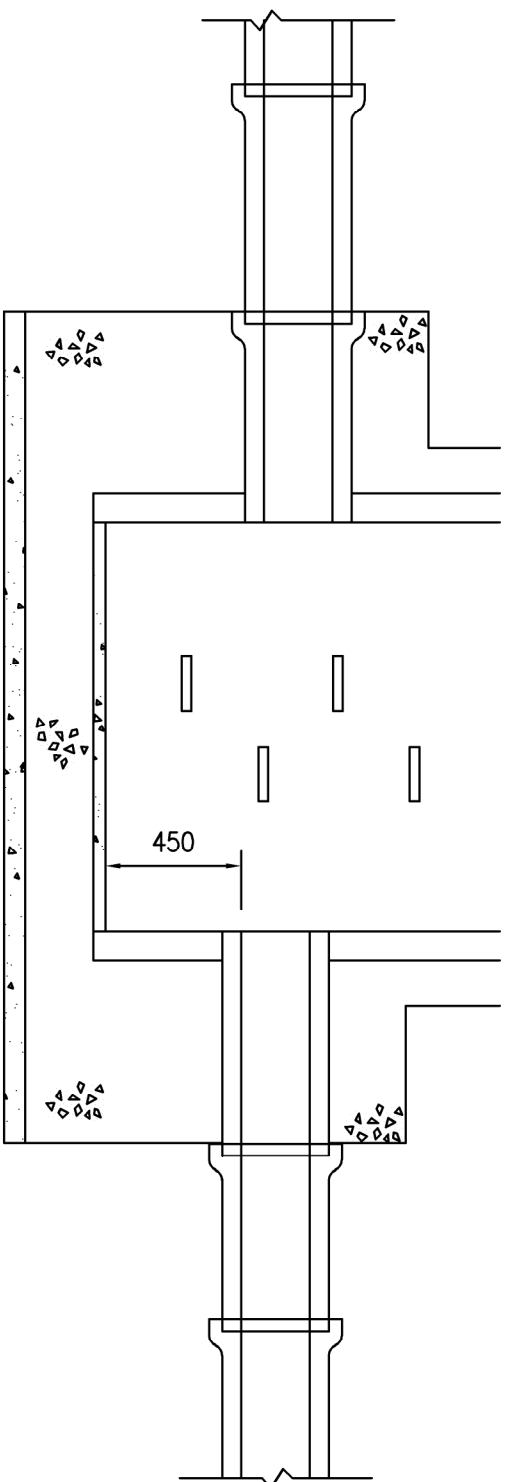


FIGURE B.26
JOINTS FOR CONCRETE ENCASED PIPES

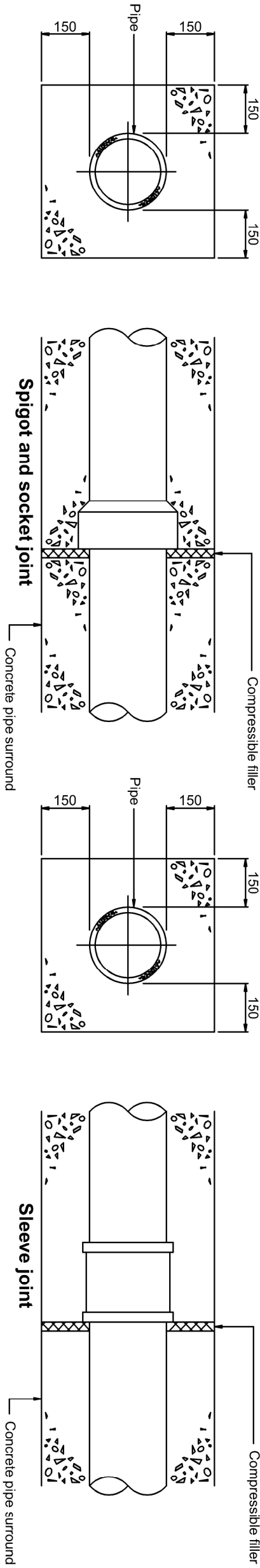


FIGURE B.14
TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES

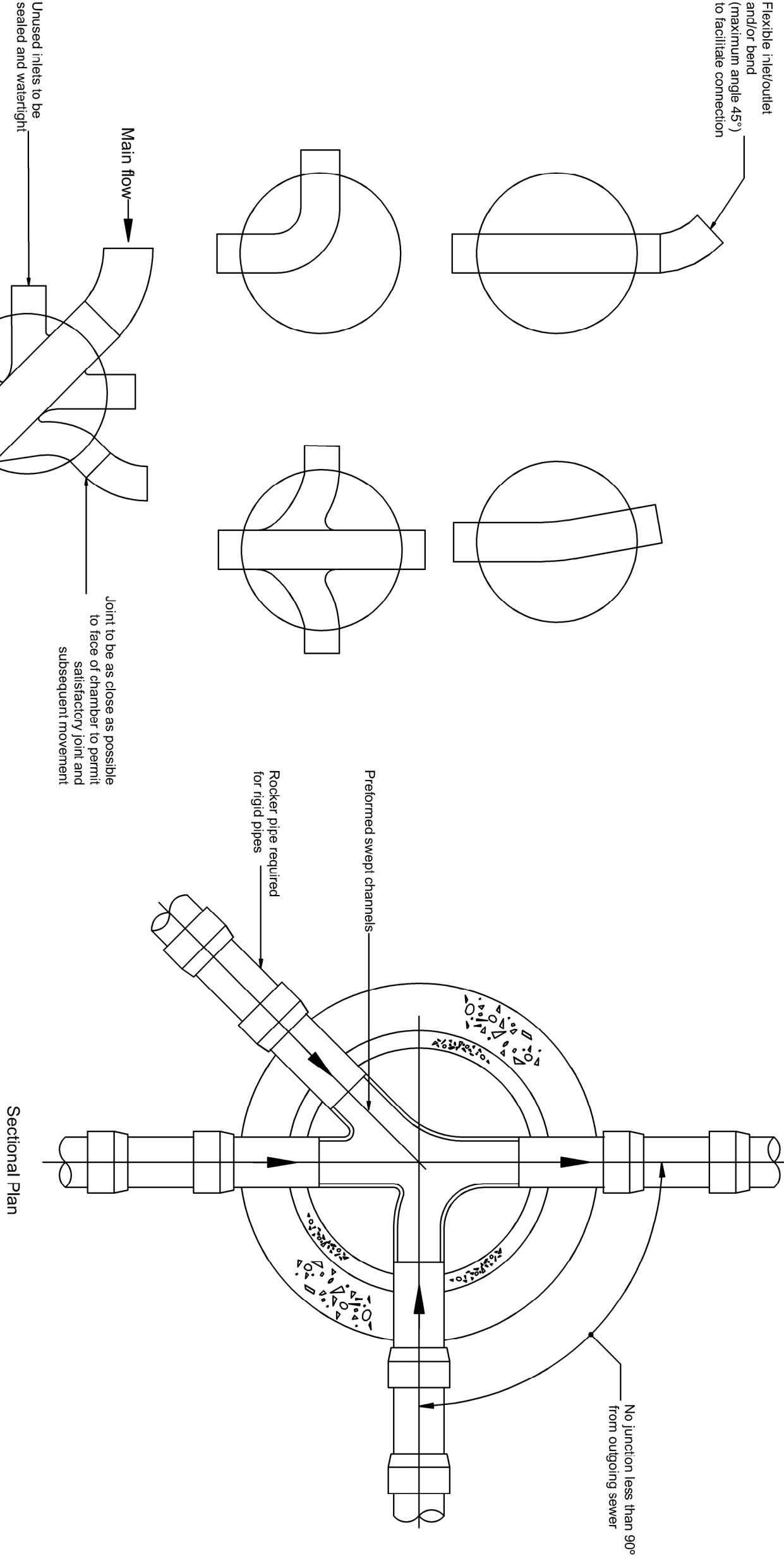


FIGURE B.15
TYPICAL VERTICAL AND RAMPED BACKDROP DETAIL

Note: Steeper gradients are preferred to the use of backdrops.
Type of backdrop to be used to be agreed with Undertaker.

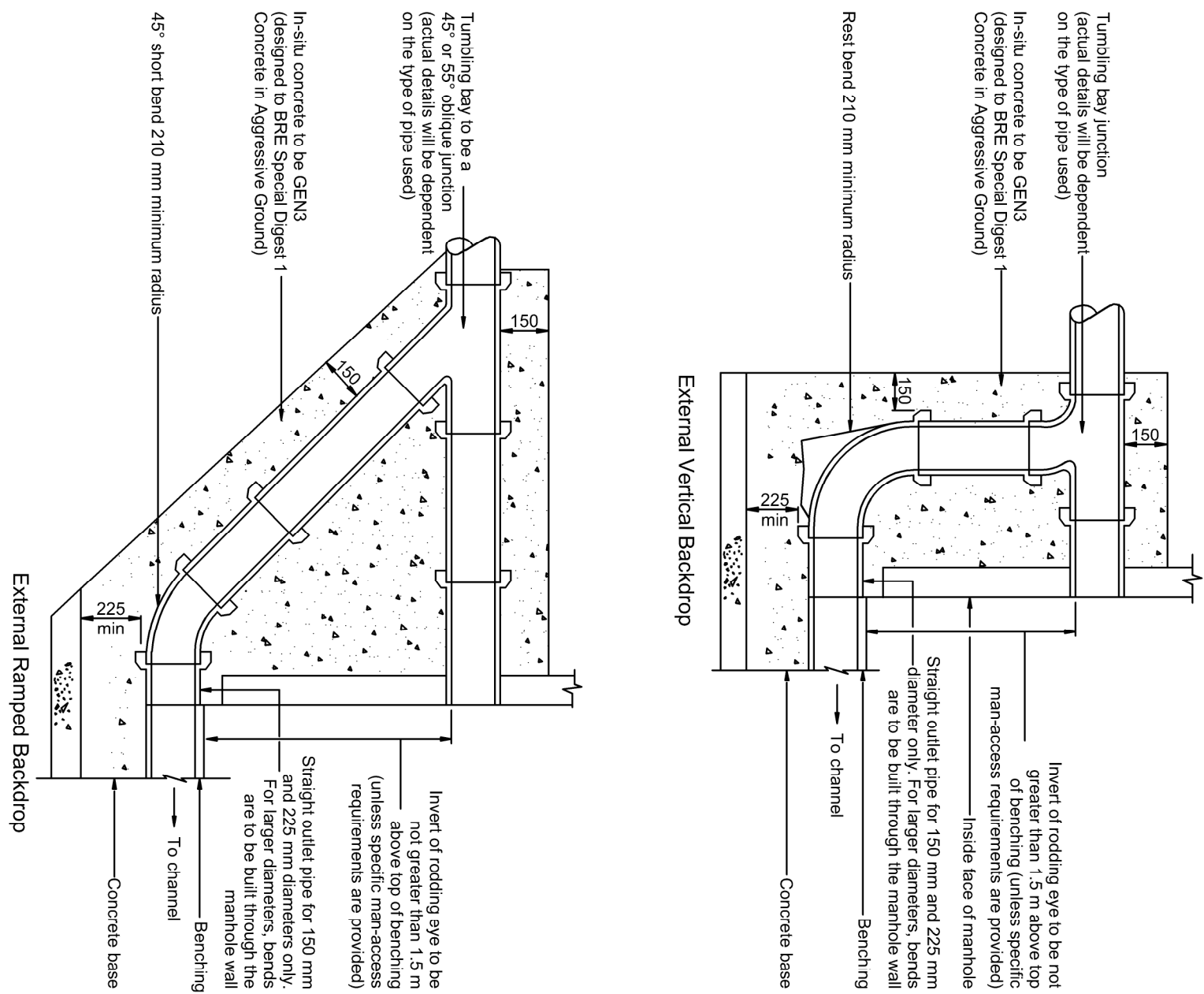


FIGURE B.20
ALTERNATIVE BASE LAYOUTS FOR TYPE 3 CHAMBERS

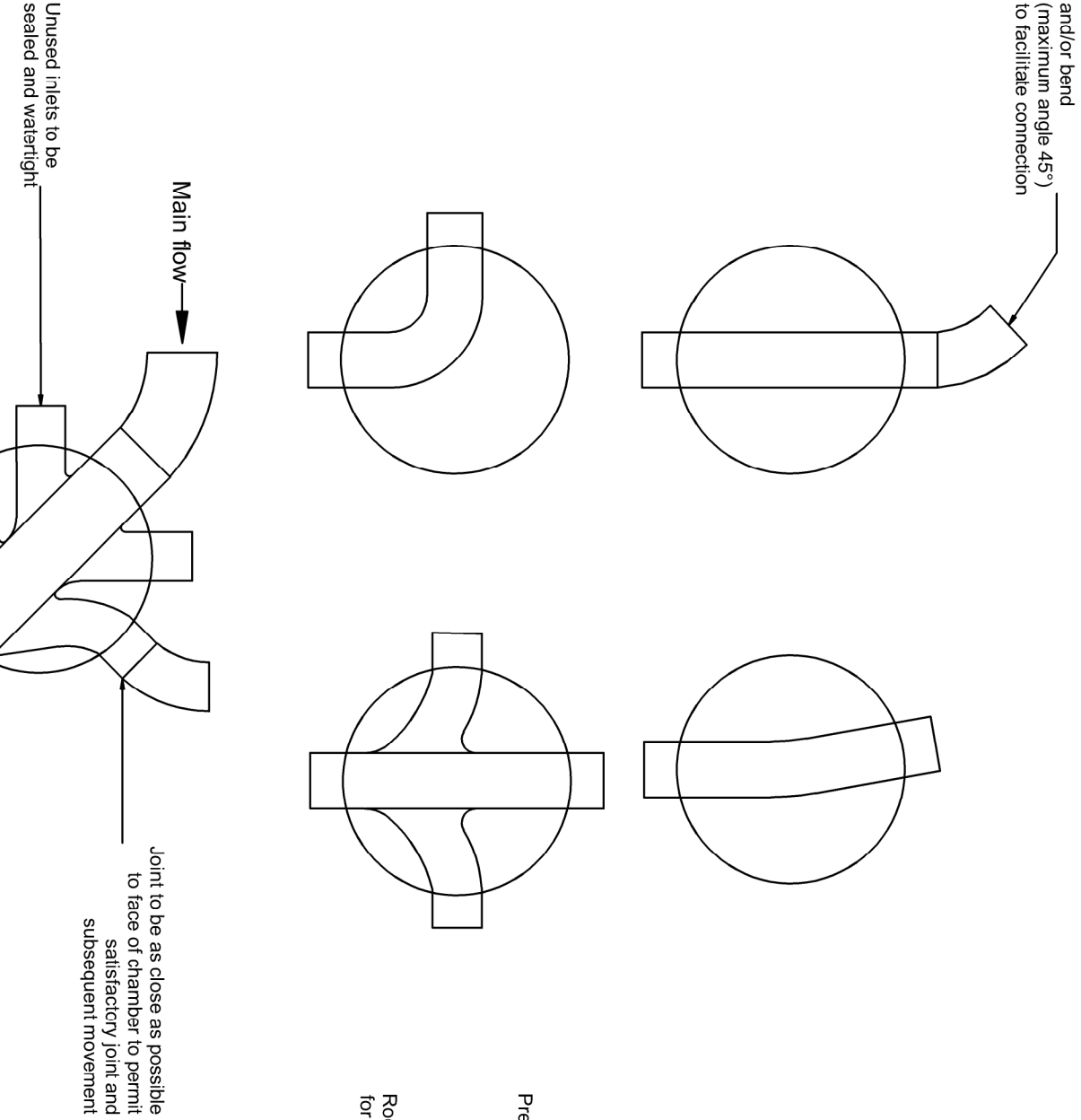
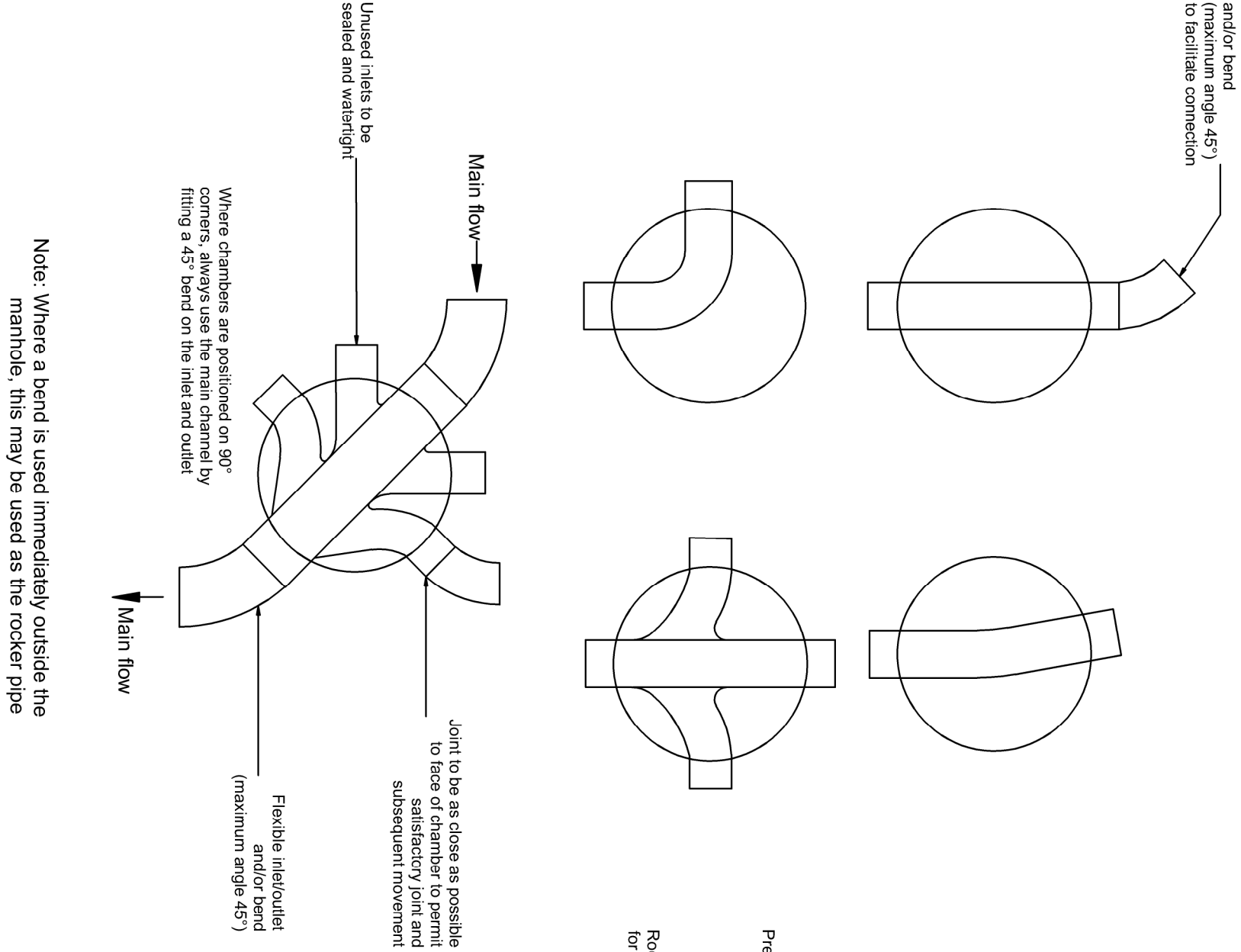


FIGURE B.18
TYPICAL INSPECTION CHAMBER DETAIL - TYPE 3 (Rigid material detail)

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



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

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

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Drawing No	L1953/D12		Rev
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