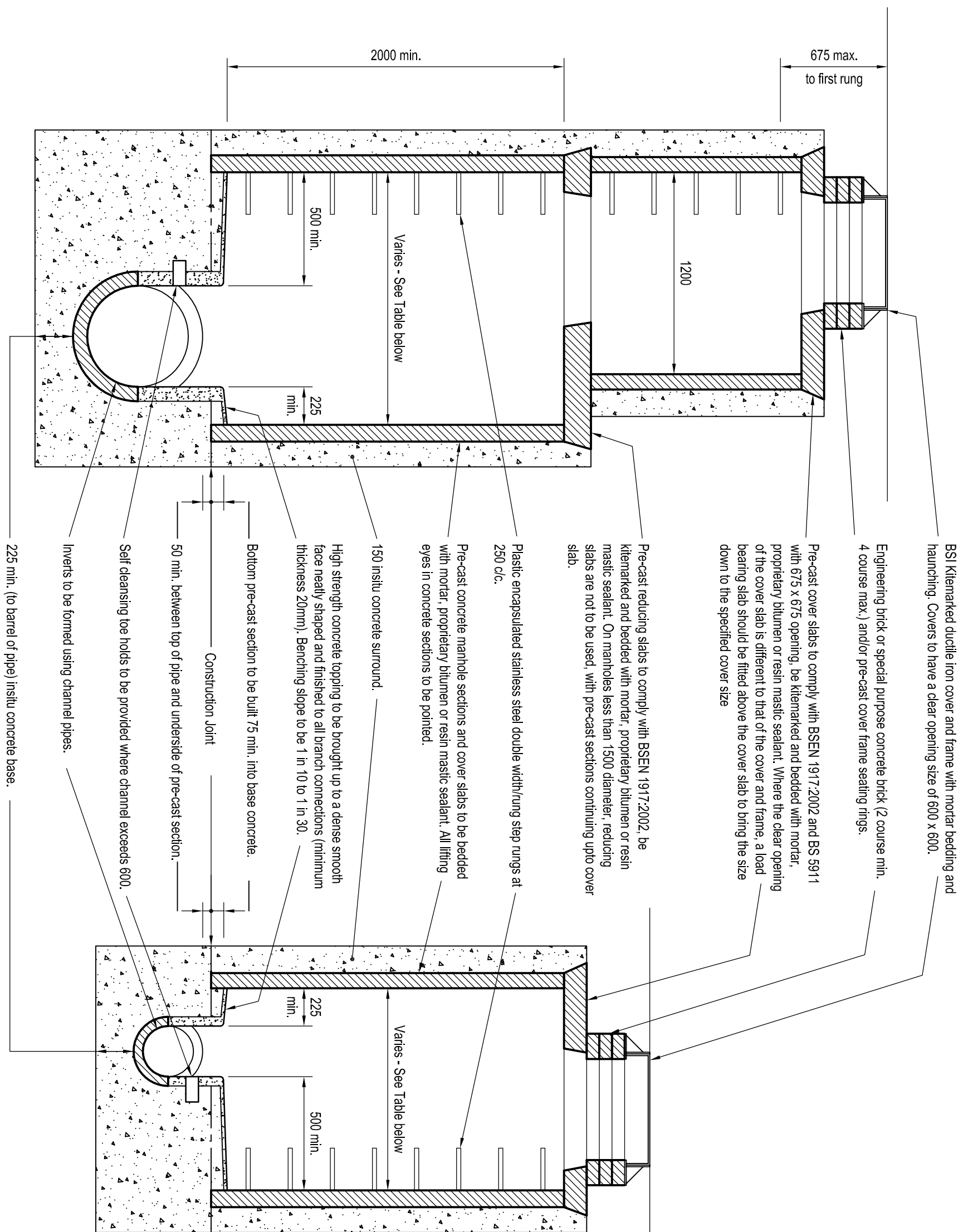


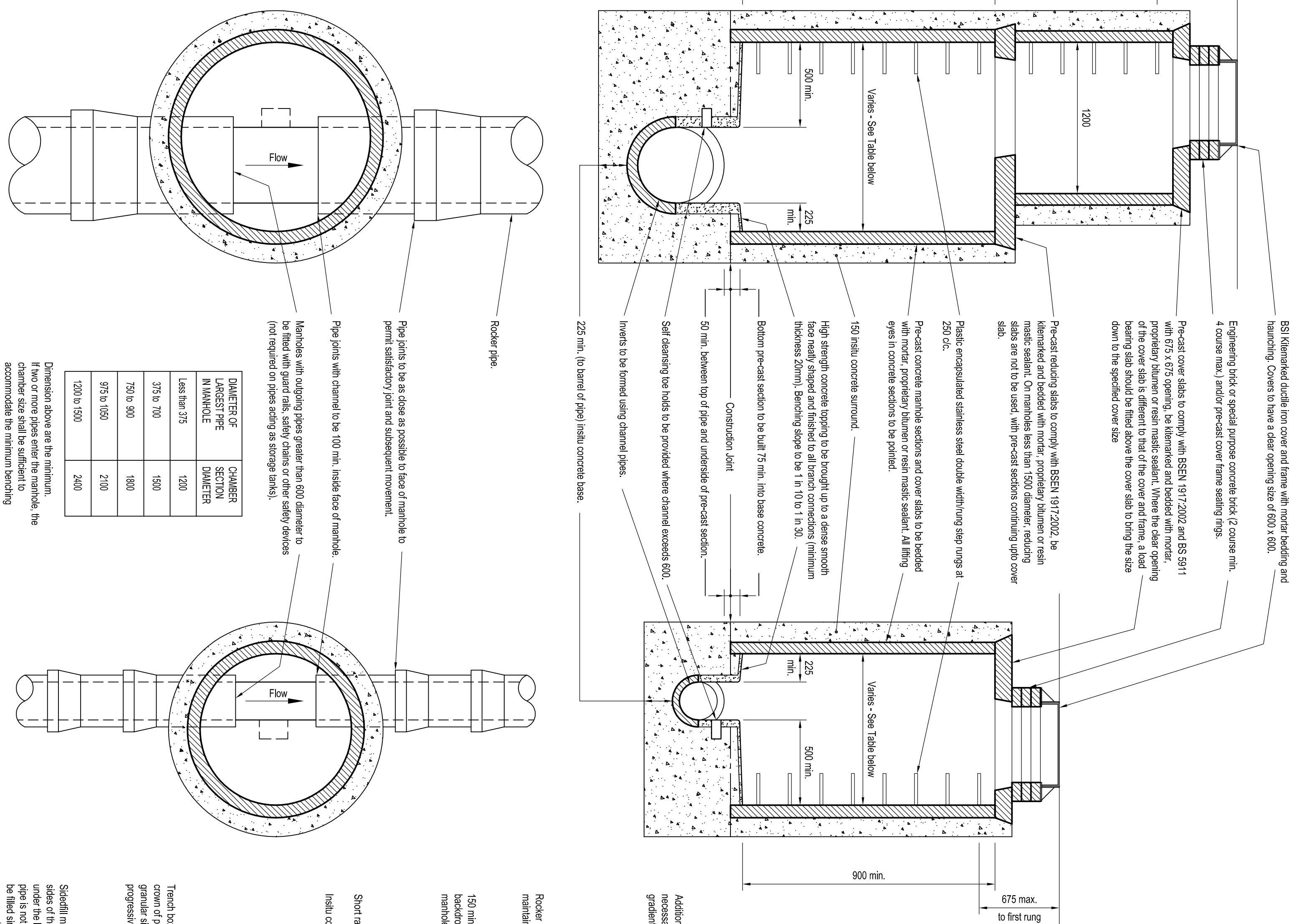
TYPE A MANHOLE TYPICAL DETAILS

Depth to soffit 3m to 6m



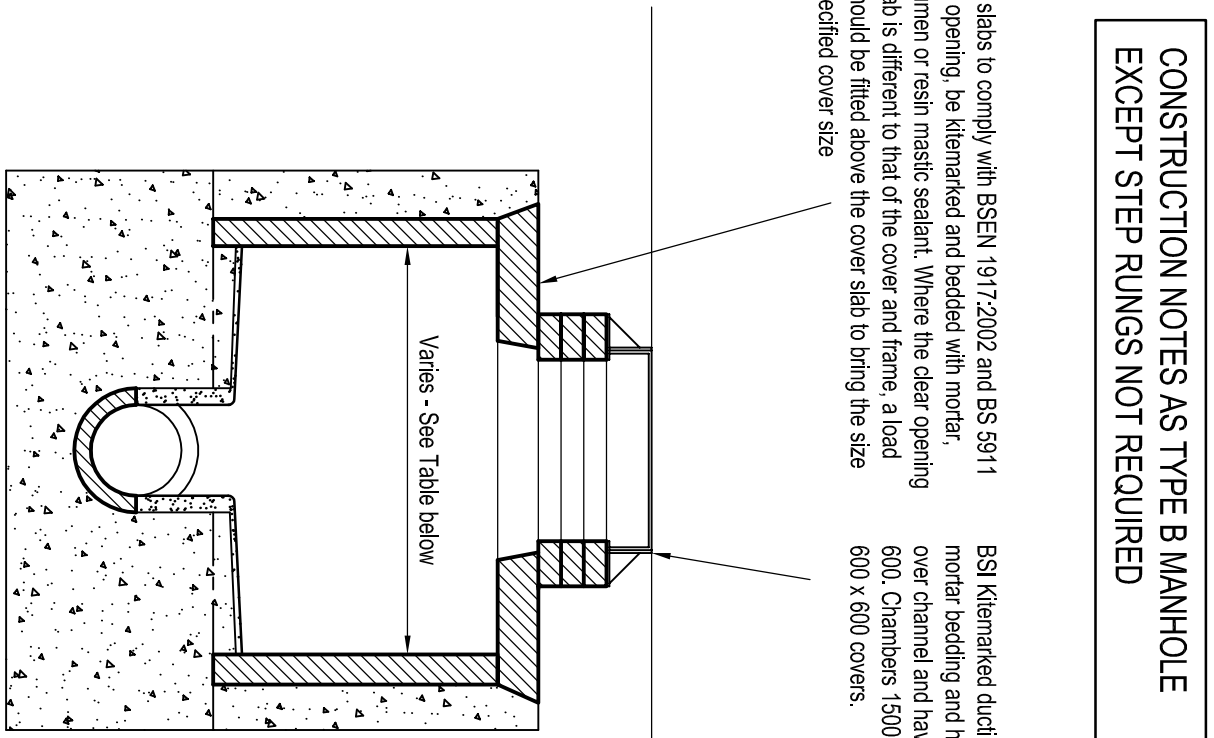
TYPE B MANHOLE TYPICAL DETAILS

Depth to soffit 1.5m to 3m



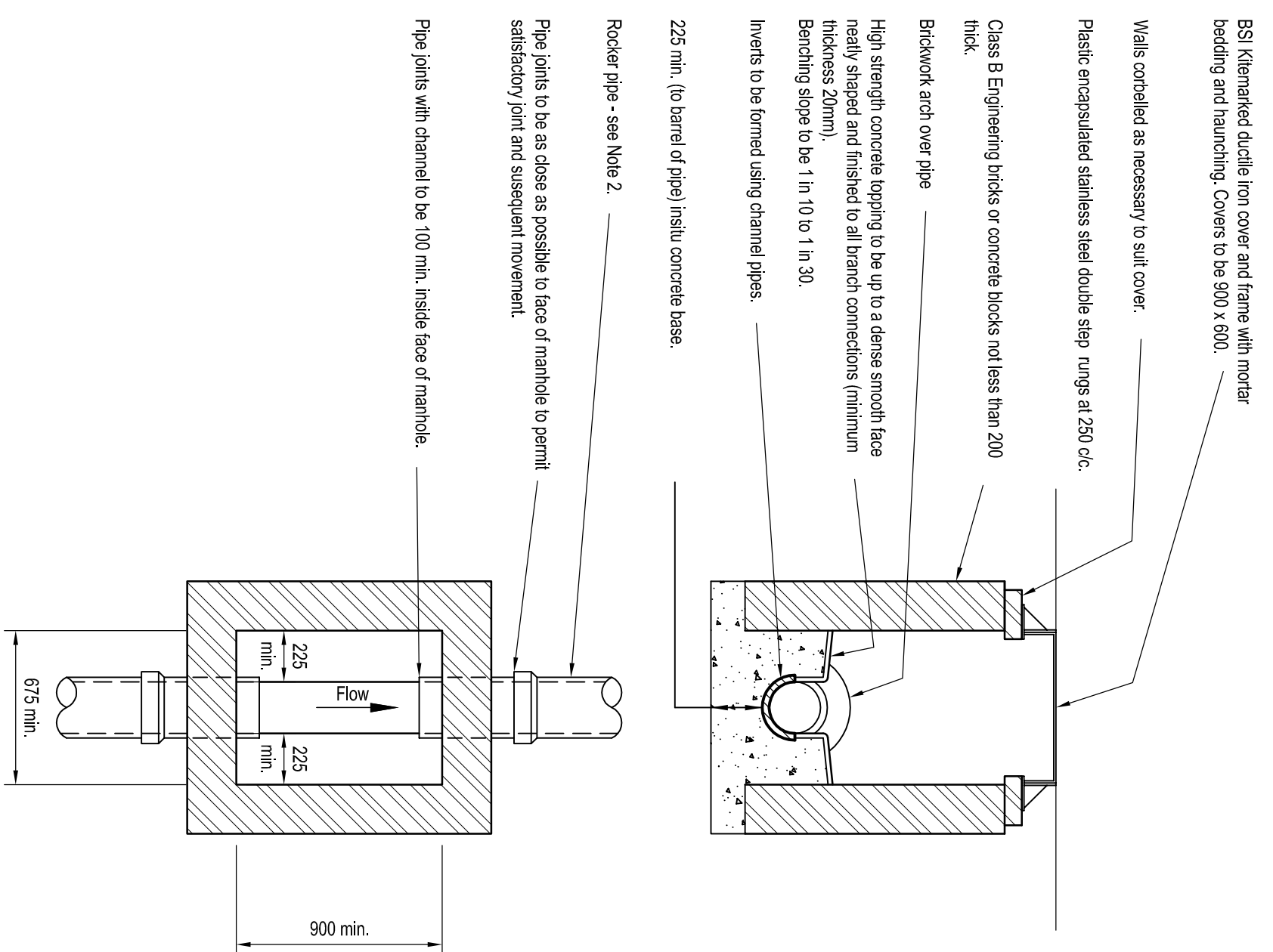
TYPE B1 MANHOLE TYPICAL DETAILS

Depth to soffit 1m to 1.5m

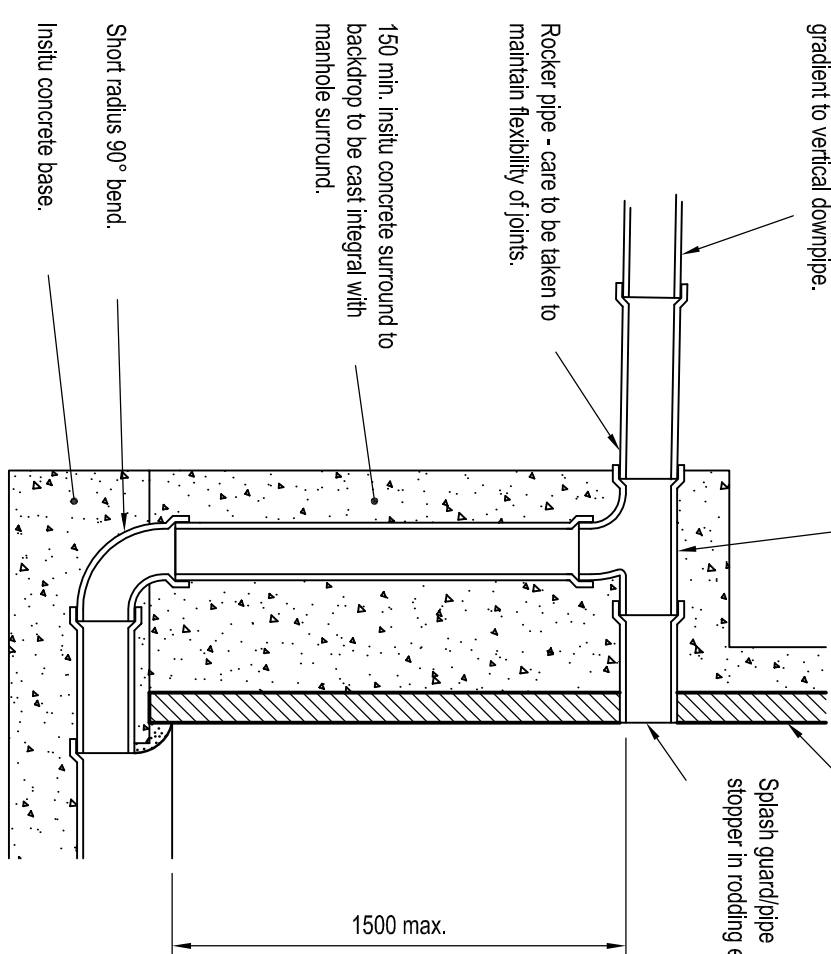


TYPE D MANHOLE TYPICAL DETAILS

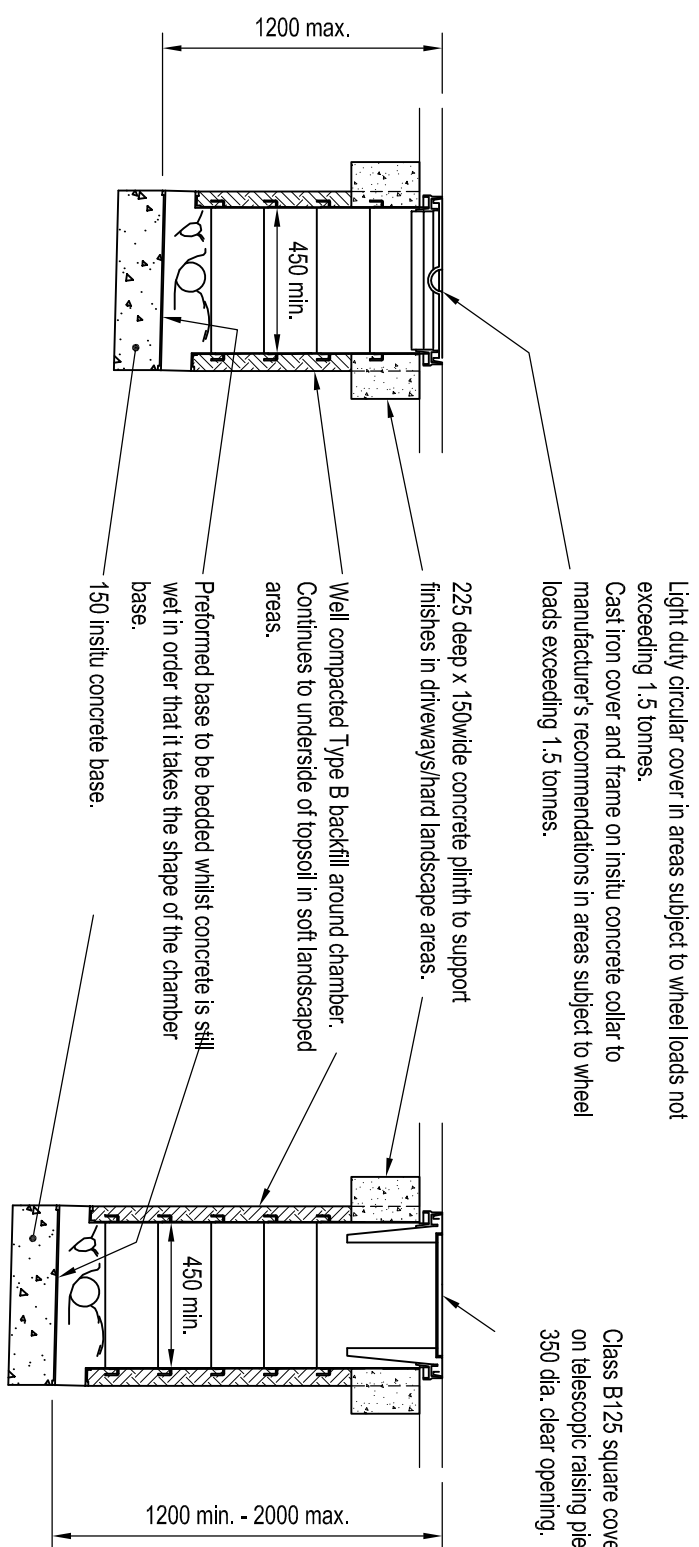
Depth to soffit less than 1m



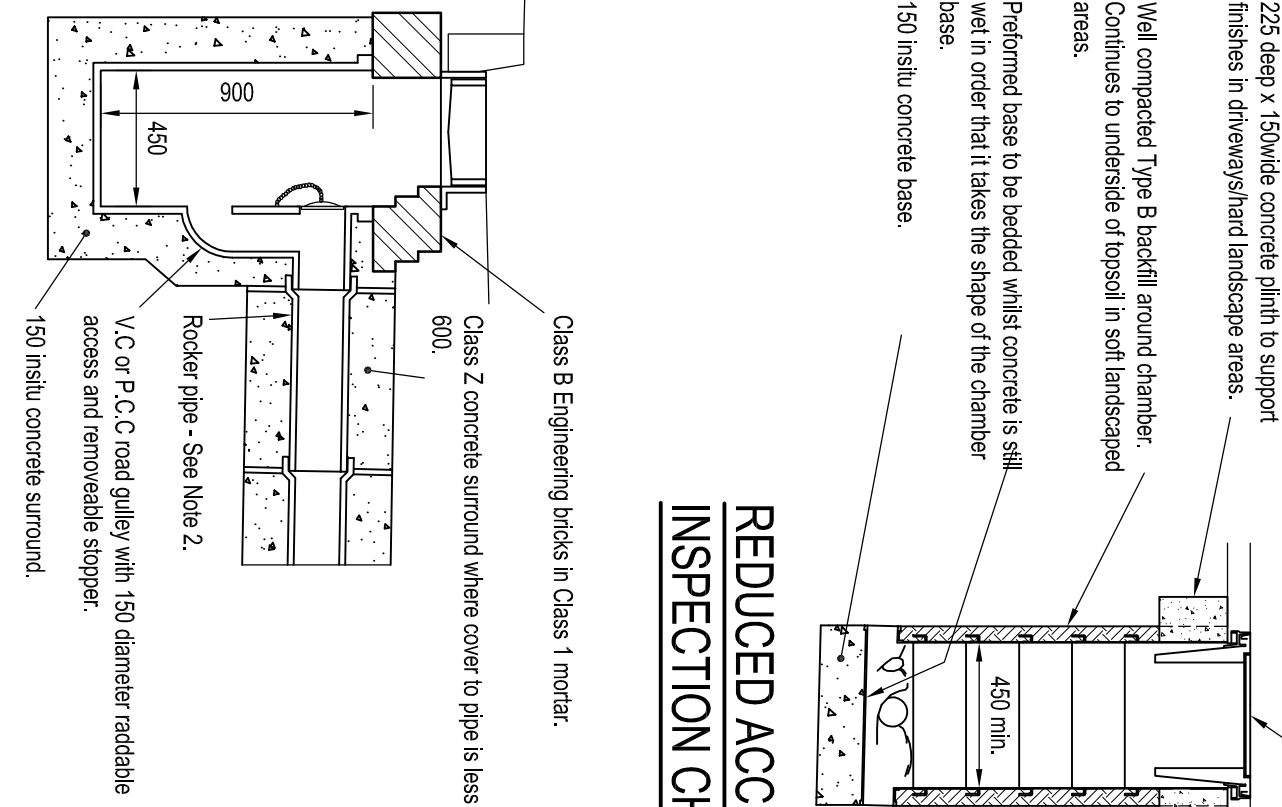
TYPICAL BACKDROP DETAIL



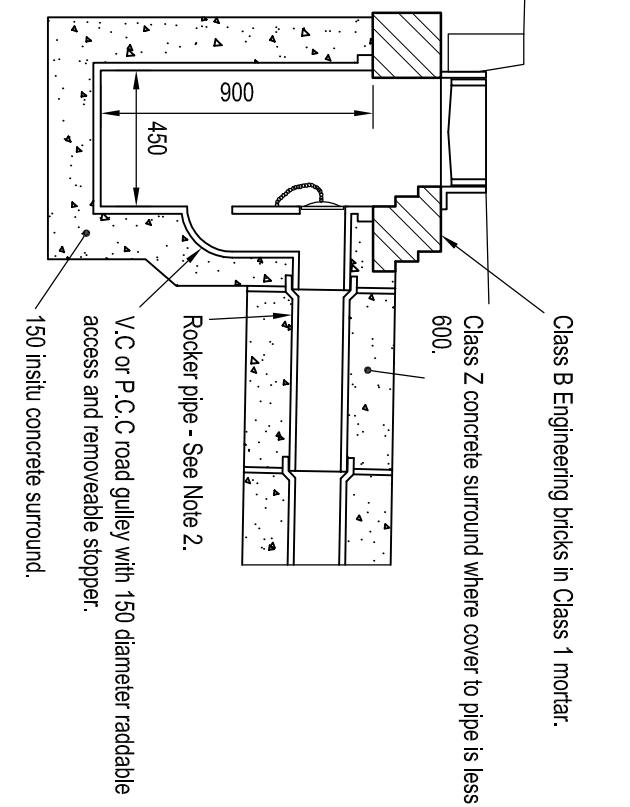
INSPECTION CHAMBER



REDUCED ACCESS INSPECTION CHAMBER



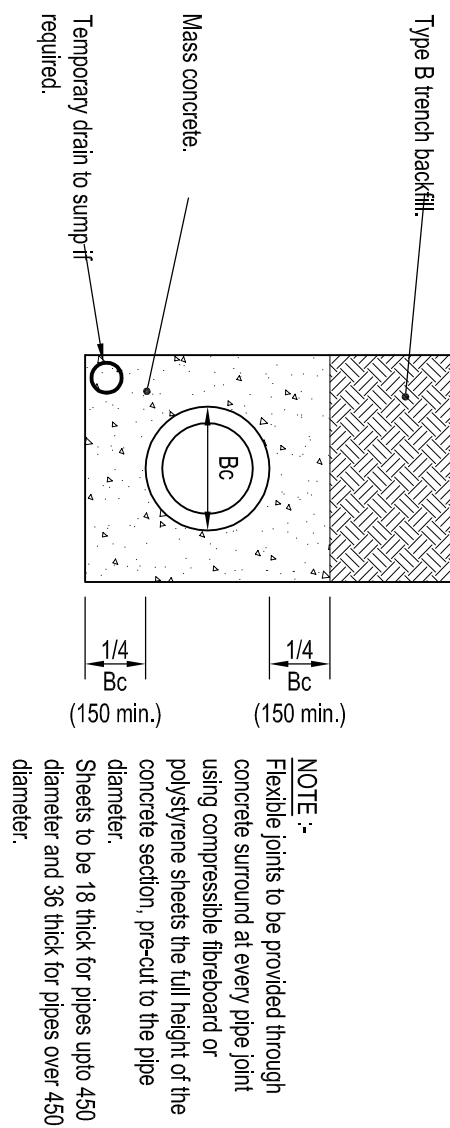
TYPICAL GULLY DETAIL



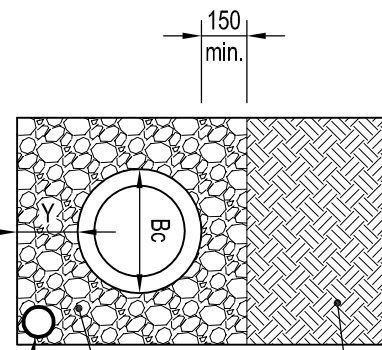
PIPE BED AND SURROUND DIMENSIONS

DIAMETER OF LARGEST PIPE IN MANHOLE	CHAMBER SECTION DIAMETER
Less than 375	1200
375 to 700	1500
750 to 900	1800
975 to 1050	2100
1200 to 1500	2400

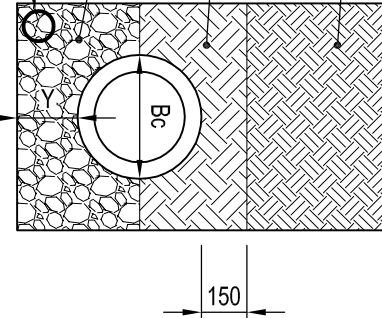
CLASS Z BED
AND SURROUND



CLASS S BED
AND SURROUND



CLASS B BED
AND SURROUND



TYPE A GRANULAR MATERIAL

NOMINAL PIPE BORE	SIZE	
	SINGLE SIZE	GRADED
100-125	10	.
150-200	10 or 14	14 or 5
225-300	10, 14 or 20	14 or 5 or 20 or 5
375-500	14 or 20	14 or 5 or 20 or 5
Over 500	14, 20 or 40	14 or 5, 20 or 5 or 40 or 5

TYPE B MATERIAL

In Public Health England's material handling tests as may be noted on the scene drawings, the material referred to as Type B is the D.O.T. Type 1 granular material in Clause 803 of the Specification for Highway Works, subject to the approval of the adopting Highway Authority.

SITE A TYPICAL MANHOLE AND PIPE BEDDING DETAILS

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HOYLAND

RESILIENT

A	First Issue.			
REV	DESCRIPTION	SIG	CHK	DATE

INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE.
ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.

NOTES

NOTES

1. All pipes are to be stiff enough to resist all moments unless noted otherwise.
2. Mainline covers shall have a clear opening of 600 x 600 and shall be class D400 BS EN124 with 150 degree flaps in gullyways. Covers to have closed keyways and are to be bedded on neat slabs with 13 mm thick handlining. Covers to be stamped BS EN124, carry BS Certification Trade Mark (The Kennametal) and the manufacturer name.
3. Pipes entering manholes or vaults shall have a headlap joint within 800 of the inside of the manhole or gully joining with a short necker pipe in accordance with table below :-

Pipe Diameter	Length
150- 600	600
600- 750	1000
Over 750	1250
4. Where the depth of cover to pipes is less than 600 the pipes shall have a Class Z concrete bed and surround with sulphate resisting cement.
5. All trenches in roads and paved areas shall be backfilled with Type 1 DOT granular sub-base material.
6. All influent concrete to be designated main FHDZ to BS 8001+ unless agreed otherwise.
7. The inlet levels at the proposed points of connection to existing public sewers shall be checked before any new drains are constructed. Any variation to the levels shown on the drawing shall be notified to Sanswood & Partners.