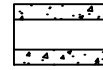


# NOTES

All dimensions in millimetres.

All pipes shall comply with the relevant British Standard as shown opposite.



Denotes Bed Type Z concrete bed and surround.



Denotes Bed Type A concrete bed.

Other bedding material types shall be appropriate for either rigid or non rigid pipelines as specified on Drg.No.5001.

Whenever they have less than 1.0m of cover under carriageways, or 0.9m of cover under footpaths or verges, and also where indicated on this drawing, pipes shall have bed type Z, concrete bed with 150mm thick mix ST2 concrete surround.

These diagrams are based on information from Simplified Tables of External Loads for Buried Pipelines, published by the Transport Research Laboratory 1993, using Main Road Loading.

The diagrams shown are for basic guidance only. Economies may be made by consideration of loading patterns, trench width and bedding type. Some pipes may be safely used outside the tabulated depth limitations for the drain groups, but checks will have to be made for these, and for pipes laid under embankments.

Reference should be made to DMRB HA40/01, Determination of Pipe and Bedding Combinations for Drainage Works.

CONCRETE PIPES TO BS.5911 - 1:2002 BS.EN.1916 :2002	
Pipe diameter (mm)	COVER DEPTH BELOW GROUND LEVEL (m)
	1 2 3 4 5 6
150	[Bedding diagram for 150mm pipe]
225	CLASS L [Bedding diagram for 225mm pipe]
300	CLASS M [Bedding diagram for 300mm pipe]
375	CLASS M [Bedding diagram for 375mm pipe]
450	CLASS H [Bedding diagram for 450mm pipe]
525	CLASS H [Bedding diagram for 525mm pipe]
600	CLASS H [Bedding diagram for 600mm pipe]
675	CLASS M [Bedding diagram for 675mm pipe]
750	CLASS H [Bedding diagram for 750mm pipe]
825	CLASS H [Bedding diagram for 825mm pipe]
900	CLASS H [Bedding diagram for 900mm pipe]

VITRIFIED CLAY PIPES TO BS.65:1991 BS.EN.295:1991	
Pipe diameter (mm)	COVER DEPTH BELOW GROUND LEVEL (m)
	1 2 3 4 5 6
150	[Bedding diagram for 150mm pipe]
225	[Bedding diagram for 225mm pipe]
300	CLASS 160 [Bedding diagram for 300mm pipe]
375	[Bedding diagram for 375mm pipe]
450	CLASS 120 [Bedding diagram for 450mm pipe]
500	[Bedding diagram for 500mm pipe]