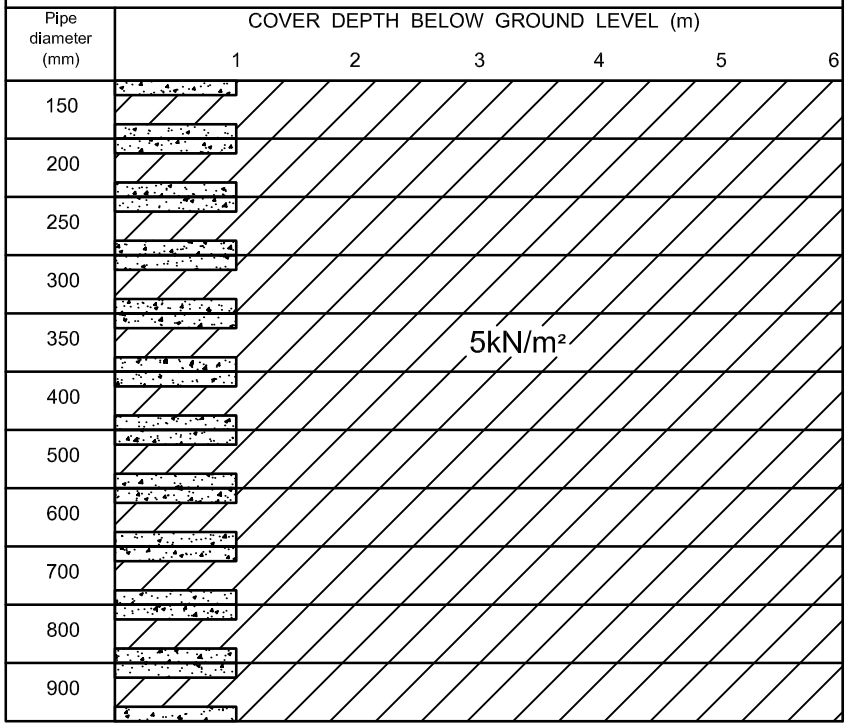
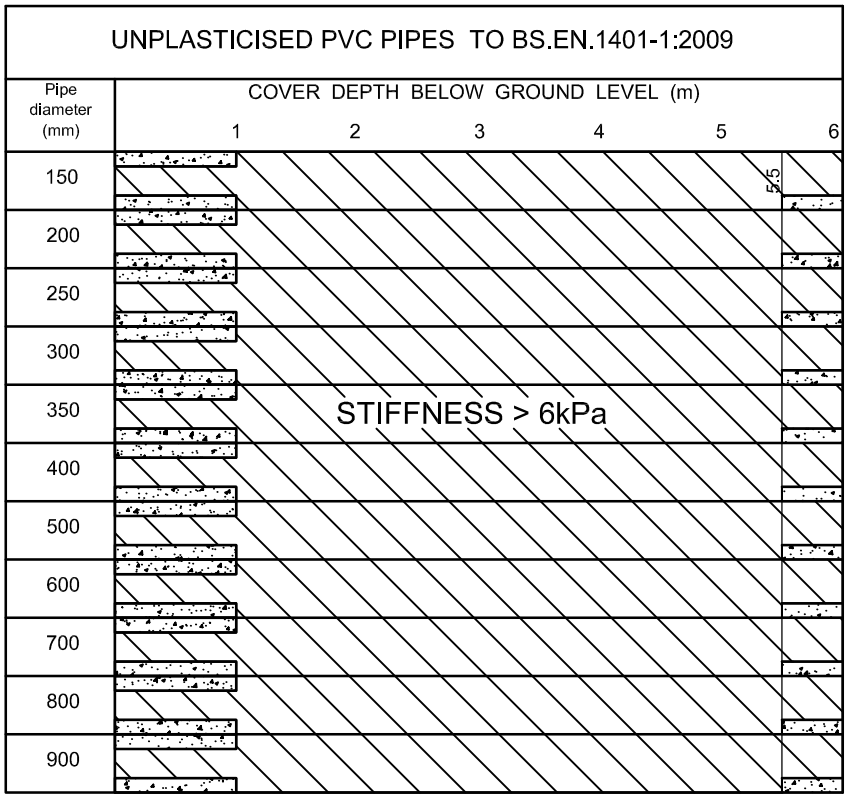
GRP PIPES TO BS.EN.1796:2006



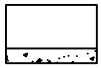
UNPLASTICISED PVC PIPES TO BS.EN.1401-1:2009



NOTES

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.

MIDLOTHIAN COUNCIL
Roads Services

PIPE CONSTRUCTION IN TRENCH STRENGTH CLASSIFICATION

DATE: Mar 2013

No. 5003/2