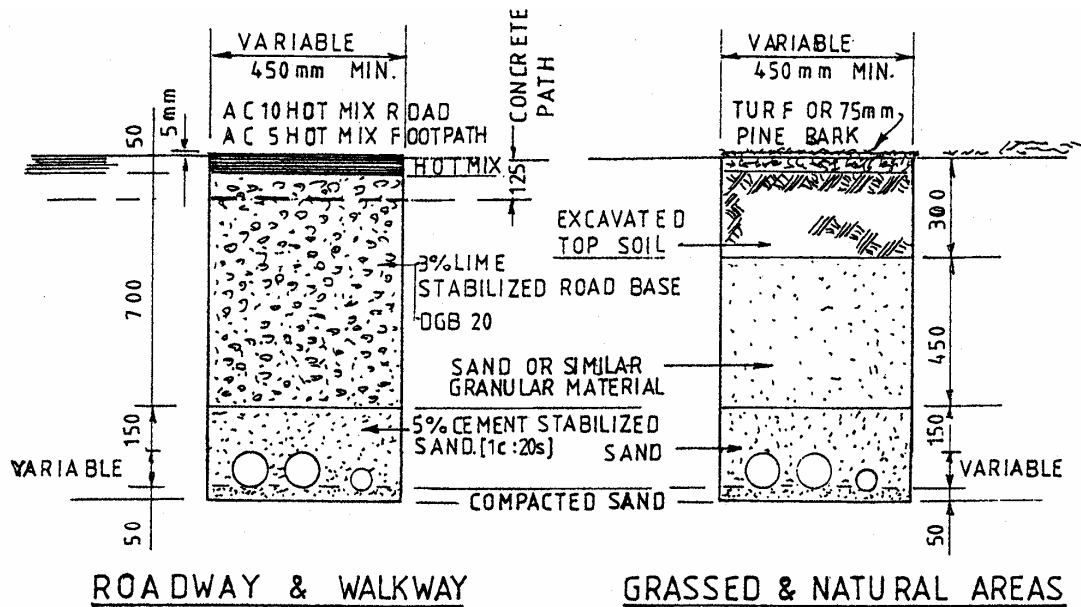


BEDDING AND BACKFILLING



ROADWAY & WALKWAY

PROVIDE 300 mm LONG Y.12 GALVANIZED
DOWELS AT 300 mm crs CONCRETE PATHS ONLY

GRASSED & NATURAL AREAS

All backfill material shall be watered and compacted in 150mm layers by the use of a "whacker" to match surrounding ground. Compaction shall be to 98% of the modified maximum dry density, determined by the methods of AS 1289 - Method of Testing Soils for Engineering Purposes.

Proper care shall be taken during backfilling operation to prevent any damage to inground piping. All inground piping to be charged or kept under test during all backfilling operations.

Do not cover and/or backfill piping in trenches until inspections and tests are completed and approval to backfill is given by the Supervising Officer.

Provide approved PVC marker tape and metal tracer wire over all inground piping.

A GRASSED AND NATURAL AREAS

All service pipes, conduits and cables shall be bedded on a 50mm thick layer of compact sand.

Cover with sand to 150mm above pipe sockets, collars and joints and compact by inundation. The remainder of trench or openings shall be backfilled to 300mm below natural surface with sand or similar granular material and compacted. Backfill the top 300mm with top soil previously excavated and stockpiled.

Supply and lay turf in grassed areas, or cover with pine bark or other mulch to a depth of 75mm, to match existing surface and to the satisfaction of the Supervising Officer.

B ROADWAYS AND WALKWAYS

All service pipes, conduits and cables shall be bedded on a 50mm layer of compacted sand.

Gradually cover with 5% cement stabilised sand (1c:20s) to 150mm above pipe sockets, collars and joints and compact by inundation. The remainder of trench or openings shall be backfilled with 3% lime stabilised road base and compacted to 50mm below surrounding surface. Spray the prepared surfaces with cationic emulsion. Finish with 50mm of hot-mix bitumen AC10, rolled to compact and left uniformly 5mm above the surrounding surface.