

SECTION E

SERVICE CONDUITS

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SECTION E

SERVICE CONDUITS

E.1 GENERAL

Conduits for future services shall be installed under the pavement where detailed on the construction plans or as directed by the Superintendent.

All conduits required shall be laid as specified after road pavement boxing is finally trimmed and before the kerb and channel is placed.

Conduits shall extend 1200 mm minimum beyond the back of kerb for longitudinal subsoil drains where they are to be installed, otherwise 500 mm minimum beyond the back of the kerb (multiple conduits shall have 100 mm clear space between each conduit).

Trenches under existing or proposed road pavement, driveways and footpaths shall be backfilled with 20 mm Class 3 Fine Crushed Rock ('FCR').

E.2 LOCATION OF CONDUITS

Where no service tapping exists, the conduit shall be placed at the centre of the property frontage or such other locations as is approved by the Superintendent.

E.3 WATER AND GAS SERVICE CONDUITS

Water and gas service conduits under road pavement shall be provided for each allotment on the opposite side to the existing or proposed water or gas main. They shall be 50 mm diameter Class 9 P.V.C laid in a straight line with the top of conduit a minimum depth of 250 mm into the subgrade.

Service conduit trenches shall be backfilled as for drainage trenches and specified in Clause D13.

All refill material, other than FCR, within road reserves is to be compacted to a density of not less than 95% of AS.1289, 5.1.1 (Standard Compaction) and in the case of FCR, 95% of AS.1289, 5.2.1 (Modified Compaction).

The ends of all conduits shall be sealed with press fit P.V.C caps and their location shall be temporarily marked by a yellow peg on each side of the road on the exact line of the service, or where no kerb and channel is to be constructed their location shall be permanently marked by two concrete indicator posts located 300mm off each property boundary (see Standard Drawing MP803).

SECTION E

SERVICE CONDUITS

E.4 TELEPHONE CABLE CONDUITS

The Contractor shall install conduits at locations indicated on the plans.

Telstra will supply conduits at no cost to the Contractor. Conduit pipes shall be laid in a straight line and the top at a depth of 700 mm below top of kerb.

The conduits shall be evenly bedded and jointed together. The conduits shall be covered and the trench backfilled as specified in E2 and E.3 above. Their location shall be temporarily marked on the exact line of the conduit by a yellow peg on each side of the road. The inside of conduits shall be left free from any debris and the ends sealed with press fit caps.

E.5 ELECTRICITY CONDUITS

The conduits unless otherwise specified shall be 63 mm O.D., underground, rigid P.V.C., heavy duty, orange, complying with AS 2053 - 1984 and shall be laid on an offset as detailed on the plans or directed by the Superintendent with a cover of 600 mm. A draw wire shall be supplied of galvanised steel 2 mm (14 S.W.G). The end of these conduits shall be sealed with duct tape. The trench shall be backfilled as specified in Clause E2 and E3 above.