NOTES:
1. Electricity Entry responsibility in providing the service are as follows:
   (a) To supply, install and maintain a mains fused service to the Department's main connection box.
   (b) To test polystyrene of the point of supply and to connect Electricity Entry service to installation.
2. Electrical Connections responsibilities are as follows:
   (a) To make application for installation of mains supply to Electricity Entry.
   (b) To carry out installation work in accordance with AS/NZS 3000.
   (c) To submit "Ready for Connection" form to Electricity Entry.
   (d) To provide to the Electricity Entry a disconnection notice when the supply is no longer required.
   (e) To submit to the Electricity Entry an approved schedule of loading or change of load.
   (f) To supply and install property pole (if required).
   (g) To supply to the Department a record of meters.
3. Grounded Cable Guard to be as per Standard Drawing 1434 or an equivalent guard approved by the local Electricity Entry.
4. Circular pit shall be used.
5. Refer project specific drawing for size of consumer mains.

6. Earthy requirements for the galvanised metal cable guard (if applicable) are as follows:
   (a) Pole nails or nail fastenings must not be connected to, or contact any earth downleads.
   (b) LV Cable Guard on Pole, no other metal work.
      Provided the LV cable is double insulated and inside conduit within the cable guard, there is no need to earth the cable
      guard to the CVEN/REN (CVEN) system. If there exists regarding the type of cable insulation, the guard shall be connected
      to the CVEN system.
   (c) LV Cable Guard and other metal work on Pole.
      Connect Cable Guard and other metal work to CVEN System.
   (d) Both LV and HV, Cable Guards on Pole and other Metal Work, CVEN System.
      Both cable Guard and other metal work shall be connected together and also connected to the CVEN system. The CVEN connection
      shall be made on the downlead to the earth lead.
   (e) Both LV and HV, Cable Guards on Pole and other Metal Work, Separate earth system for HV and LV equipment. (No CVEN system).
      Both cable guards and other metal work shall be connected together and also connected to the LV neutral downlead to the bolt
      earth of the LV system. The HV cable shall have an insulated outer sheath, or if bare covered, it shall be bound in split conduit
      inside the guard. The HV earth conductor must never contact any part of the LV earth system or metal work at ground level.
   (f) Overhead earthwork downleads.
      The overhead earthwork downleads must not connect to, or contact HV earthed equipment (e.g. surge arresters) or any equipment
      connected to the LV earthwork system at: a) no requirement for HV, b) earth to pole, c) the CVEN downlead to bolt earthed. Otherwise, the
      CVEN downlead must be carried by an earthed device at 4meters from the pole. The LV earthwork system has priority in this use of the bolt earth.

7. For installation details refer to Standard Drawing 1149.
8. Part 26b is to be used in the areas subject to grass fires.
9. Dimensions are in millimeters unless shown otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings Specifications

REFERENCE DOCUMENTS:
Departmental Standard Drawings:
1149 Traffic Signals/Road Lighting/TE - Installation of Underground Electrical and Communications Cables
1434 Traffic Signals/Road Lighting - Cable Guard Manufacturing Details
1999 Traffic Signals/Road Lighting/TE - Parts List

Departmental Specifications:
WP1221 Conduits and Fittings
WP1322 Switchboards
WP1326 Control Panel

Austelin Standards:
AS/NZS 2053 Conduits and fittings for electrical installations
AS/NZS 3000 Electrical Installations (Wiring Rules)

WARNING:
Installation of conduits and fittings is the responsibility of the licensed electrical contractor.