NOTES:

1. (a) Electrical switchboards shall whenever possible be located adjacent to:
   (b) For switchboards that will be located in the street or within 30m of the
        roadway, the switchboard shall be located at a point where the current
        rating of the switchboard is less than 10kA.

2. Attach a prominent label to the main earthing conductor at the
   connection to the main earth electrode. "WARNING: MAIN ELECTRICAL
   EARTH CONDUCTOR - DO NOT DISCONNECT"

3. Ensure there are no underground services in vicinity prior to installing
   earth electrodes.

4. The earth electrodes shall be driven no less than 1.03m vertically into
   the ground, leaving a minimum 150mm exposed length of electrode in
   the base of the pit.

5. If difficult to dig, dig the appropriate 150 mm hole, and install the earth
   electrode in the base of the hole. The upper hole shall be filled with
   loose sand or similar material to the ground level.

6. Only one earth electrode should be connected to one main earth conductor
   per earth pit.

7. The URD pins shall be earthing switchboard switch and earthed
   component details shall comply with MET327 and MET326.

8. Photovoltaic control switch and switch to have fuse box.

9. Seal the connection between the photovoltaic control switch and the
   photovoltaic component with a suitable seal and the photovoltaic
   component with solar panel sealer.

10. Enclose the box, with a lid, and cable tie, or cable box, in the box

11. Install the cable (6) between the switchboard and the switchboard

12. Attach a permanent label in the switchboard stating "EARTH ECONDUCTOR
    IN ADJACENT EARTHT PITS".

13. Dimensions are in millimetres unless otherwise specified.

AS/NZS 3000:2000 - Electrical Installations (Wiring Rules)

SCOPE OF THIS STANDARD DRAWING:
Pillar switchboard should only be used where disconnect times cannot
be met on motorized switchboard.

(Refer TRIM Vol 4 Part 3 Electrical Design for Roadside Devices). TMR
approval must be obtained before installation of Pillar switchboard.