NOTES:

1. DESIGN CRITERIA
(a) Steelwork designed in accordance with AS 4100.

2. STEELWORK
(a) CMS tube to be grade 350/80 to AS/NZS 1163.
(b) Plate to be grade 250 to AS/NZS 3678.
(c) Welding symbols to AS 1100.3.
(d) All welding to AS/NZS 1554.1.
(e) All structural welding consumables to be controlled hydrogen type G493 to AS/NZS 1801
14341-3 or T983 to AS/NZS 1801 17832-3, unless otherwise stated.
(f) Welds cut through plates to be ground smooth around edges.
(g) All steelwork to be cleaned and welding slag removed prior to hot dip galvanising to AS/NZS 4880.
(h) Steelwork to be fabricated to the requirements of WRT578.

3. For installation of switchboard post refer drawing Standard Drawing 1627.

4. DIMENSIONS are in millimetres unless shown otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS
Specifications
Standard Drawings

REFERENCE DOCUMENTS:
Departmental Standard Drawings:
1627 Road Lighting – Switchboard Top Mounted

Departmental Specifications:
WRT578 Fabrication of Structural Steelwork

Australian Standards:
AS/NZS 1100.3 Graphical symbols for general engineering – Welding and non-destructive examination
AS/NZS 1163 Cold formed structural steel hollow sections
AS/NZS 1554.1 Structural steel welding – Welding of steel structures
AS/NZS 3678 Structural steel – Hot rolled plates, floor plates and deck
AS/NZS 4100 Steel structures
AS/NZS 4680 Hot dip galvanized [zinc] coatings or fabricated ferrous articles

The purpose of this drawing is to provide typical standard details. The intent for purposes of this drawing for a specific project shall be determined and certified by a PEP. Project specific details may be required to be included in the scheme drawings.