Prior to installing post, cut back PVC conduit to provide drainage.

Post
Refer Standard Drawings 1428, 1430, 1627

Dry pack mortar
1.3 min
Refer Note 1

Ragbolt sub-assembly
Refer Standard Drawing 1422

Concrete footing
500 dia. or 500 square mm.

Ragbolt Sub-Assembly
Installed parallel to duct

N25/20 Concrete poured into deeper hole without form

NOTES:
1. To install post, set on base and adjust to vertical with 4 levelling nuts. Then pack under base plate with mortar cement under plate.
2. Minimum depth of cover to conduit is 600. Only where there is a localised conflict with other underground services may the depth of conduit be decreased to a minimum of 375 in which case the conduit must be protected with a 300 x 75 nominal thin concrete capping layer. The Superintendent must give written approval for this departure from the standard.
3. footing depth requirements:

<table>
<thead>
<tr>
<th>Approx. Footing depth required</th>
<th>Conduit cover</th>
<th>Type of post</th>
</tr>
</thead>
<tbody>
<tr>
<td>800</td>
<td>600</td>
<td>Traffic Signal Post</td>
</tr>
<tr>
<td>800</td>
<td>300 (in concrete capping)</td>
<td>Pedestrian pushbutton post, Bicycle pushbutton post, Switchboard (top mounted) post, FE Cell post.</td>
</tr>
<tr>
<td>800</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>600</td>
<td>300 (in concrete capping)</td>
<td></td>
</tr>
</tbody>
</table>

4. Threads to be protected and conduits plugged before pouring concrete.
5. Dimensions are in millimeters unless otherwise noted.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings
Specifications

RELEVANT DOCUMENTS:
Departmental Standard Drawings:
1420 Traffic Signals - General Arrangements
1422 Traffic Signals - Ragbolt Sub-Assembly Fabrication Details
1428 Traffic Signals - Traffic Signal Post (Base Mounted)
1499 Traffic Signals/Road Lighting/FE - Parts List

Departmental Specifications:
WRT031 Conduits and Pits
WRT050 Traffic Signal and Road Lighting Footings
WRT053 Traffic Signals

Australian Standards:
AS/NZS 3000 Electrical Installations (Wiring Rules)