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

Post
Refer Standard
Drawings 1428,1430,1627

N25/20 Concrete poured into
bagger holes without form

Concrete footing
500 dia. or
500 square min.

RAGBOLT SUB ASSEMBLY
AND FOOTING SETTING OUT

NOTES:
1. To install post, set on base and adjust to vertical with 4 levelling nuts. Then
place post under base plate with motor removed under plate.
2. Minimum depth of cover to conduit is 600. Only where there is a boundless
conflict with other underground services may the depth of conduit be decreased
to a minimum of 370, in which case the metal must be protected with a 300
x 70 mm reinforced plastic covering layer. The Superintendent must give his
written approval for this departure from the standard.
3. Footing depth requirements:

<table>
<thead>
<tr>
<th>Depth required</th>
<th>Conduit cover</th>
<th>Type of post</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>600</td>
<td>Traffic Signal Post</td>
</tr>
<tr>
<td>600</td>
<td>500 (In concrete covering)</td>
<td>Traffic Signal Post + Protection kit</td>
</tr>
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</tr>
</tbody>
</table>

4. Threads to be protected and conduit plugged before pouring concrete.
5. Dimensions are in millimetres unless shown otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings
Specifications

REFERENCED DOCUMENTS:
Departmental Standard Drawings:
1420 Traffic Signals
1422 Traffic Signals - RAGBOLT SUB-ASSEMBLY Fabrication Details
1420a Traffic Signals - Traffic Signal Post Mounted
1999 Traffic Signals/PLC Lighting/PS - Plans List

Departmental Specifications:
M0591 Conduits and Fittings
M0592 Traffic Signal and Road Lighting Fittings
M0593 Traffic Signals

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