The purpose of this Standard Drawing is to provide typical standard details. The base mounted traffic signals post details in this drawing are designed to AS 2339 (1997). At this time, this drawing does not detail base mounted traffic signals post to AS 2339 (2017). This drawing shall be updated after the details are reviewed for compliance to AS 2339 (2017).

NOTES:
1. SCOPE: This Standard Drawing provides typical assembly and fabrication details of the base mounted traffic signals post in accordance with MR797 and to AS 2339.
   This drawing supersedes TML fabrication drawing 2100555.
2. STEELWORK shall be fabricated to the requirements of MR798.
   CHE to AS/NZS 1186.5 and in accordance with AS 4100.
   Steel grades are as noted in standard list.
   CHE to AS/NZS 1186.3.
   Steel plates to AS/NZS 8678.
   Flat bar to AS/NZS 3679.1.
   All screws shall be drilled or laser cut, ground smooth around edges.
   All welds shall be completed prior to post galvanising.
   All steelwork shall be hot dip galvanised to AS/NZS 4666.
   Prior to galvanising all weld spatter and welding slag is to be removed.
3. STAINLESS STEEL screws, nuts and washers shall be supplied in accordance with
   MR798 and conform to the requirements of ISO 3506-1.
   Stainless steel grades are as noted in standard list.
4. Item 1. Screws is required for 1400 length push button post only.
5. WELDING symbols conform to AS 1657-3.
   All welding to AS/NZS 1504.1.
   All welds except location tack welds to be SP category.
   Welding consumables to be controlled accordance.
   CHE to AS/NZS ISO 14911-8 or TAI to AS/NZS ISO 17632-8.
6. DRAWINGS are in millimetres.

REferenced Documents:
- Departmental Standard Drawings
- TRAFFIC SIGNALS - General Arrangements
- Departmental Specifications

TRAFFIC SIGNALS

BASE MOUNTED TRAFFIC SIGNALS POST - ASSEMBLY AND DETAILS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>MATERIAL DESCRIPTION</th>
<th>MATERIAL</th>
<th>LENGTH</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Push button</td>
<td>3/8&quot;dia x 4.5&quot; CHE</td>
<td>316/44 SS</td>
<td>250</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Base plate</td>
<td>1/8&quot; thick plate</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Post</td>
<td>114.3 x 4.5&quot; CHE</td>
<td>316/44 SS</td>
<td>250</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Ground screw</td>
<td>114.3 x 4.5&quot; CHE</td>
<td>316/44 SS</td>
<td>250</td>
<td></td>
</tr>
</tbody>
</table>

Department of Transport and Main Roads

1721

Standard Drawing No. 3720