Notes:

1. All dimensions are in millimetres.

2. All steelwork shall be Grade S275 to BS EN 10025-2, except
CHS steel tube shall be Grade S275J2H to BS EN 10210-1.
All steelwork shall be hot dip galvanized to BS EN ISO 1461:1999.

3. Stainless steel bolts and nuts shall be Grade A2-70 to BS ISO

4. Welds to be sound and continuous avoiding locked in slag.

5. Welding slugs to be removed immediately after welding.

6. Where the concrete footing is located in block-paved
footpath, the footing shall be lowered to allow for paving
blocks and sand course.

7. All steelwork shall be painted to Point System 1 as per
Section 16.4 of Highways Department’s Structures Design
Manual for Highways and Railways. The finishing colour of
the entire vertical post shall be grey to BS 5252F code
18091 except those posts supporting traffic sign plates
which indicate restricted period for loading & unloading
for all vehicles shall be as below:

   Restricted Period:
   7am-12pm    Green to BS 381C No.262
   7am-7pm     Yellow to BS 381C No.355
   7am-12pm    Red to BS 381C No.537

8. A nylon or other approved plastic washer shall be provided
below interface between stainless steel, galvanized mild
steel and aluminium.

9. The number of sign plates shown in the drawing is indicative
only. The maximum number of sign plates is subject to the
maximum total projected area of sign plates in any direction
of 1.28m².

10. Sizes of footing:

   Total projected area (TPA) of plates in any direction

<table>
<thead>
<tr>
<th>Footing size (alternatives to suit site conditions)</th>
<th>TPA ≤ 0.64m²</th>
<th>0.64m² &lt; TPA ≤ 1m²</th>
<th>TPA &gt; 1m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>750x750x700(0D)</td>
<td>600x600x600(0D)</td>
<td>475x475x900(0D)</td>
<td>375x375x900(0D)</td>
</tr>
<tr>
<td>800x800x800(0D)</td>
<td>650x650x800(0D)</td>
<td>525x525x1000(0D)</td>
<td>475x475x1000(0D)</td>
</tr>
<tr>
<td>950x950x800(0D)</td>
<td>775x775x900(0D)</td>
<td>625x625x1000(0D)</td>
<td>500x500x1100(0D)</td>
</tr>
</tbody>
</table>

11. Proper temporary support to the sign post shall be provided during
the construction stage of the footing or when the pavement or soil
around the footing is excavated away.

12. The minimum horizontal clearance of stainless steel, traffic signs
and posts shall comply with Section 3.5.2 of Volume 2 of Transport
Planning & Design Manual of Transport Department. Gap width between
traffic signs (W) shall refer to Diagram 2.2.3.2 of Volume 3 Chapter 2
of Transport Planning & Design Manual.

13. Length of aluminium channel (T):

<table>
<thead>
<tr>
<th>Shape of traffic sign</th>
<th>Sign height (H) or diameter (D) in mm</th>
<th>Length of aluminium channel (T) in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triangular</td>
<td>300 ≤ H ≤ 450</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>450 ≤ H ≤ 750</td>
<td>400</td>
</tr>
<tr>
<td>Circular</td>
<td>200 ≤ D ≤ 450</td>
<td>175</td>
</tr>
<tr>
<td></td>
<td>450 ≤ D ≤ 750</td>
<td>450</td>
</tr>
<tr>
<td>Rectangular or</td>
<td>Refer to Note 9 of HyD Standard</td>
<td></td>
</tr>
<tr>
<td>Hexagonal</td>
<td>New Issue (HyD Standard Drawing No.H2230)</td>
<td></td>
</tr>
</tbody>
</table>

14. The mounting height of traffic sign shall refer to TPDM Vol.3 Clause
2.2.3.1

15. The 40 solid square steel bar shall be placed freely on the
mild steel base plate inside the steel tube.