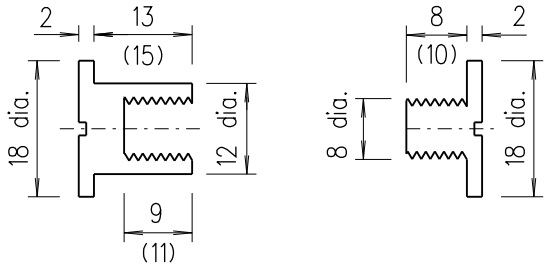

SECTION OF STAINLESS STEEL BOLT

Note: Figure in bracket is used for 5 thk. sign plate

Scale 1:1

Height of Sign Plate 'A', 'A1'	Width of Sign Plate 'B'	Dimension 'C'	Thickness of Sign Plate 'D'	Dimension 'E'	Depth of Concrete Footing 'H'
⩽600	⩽350	60	3 (For area of sign plate ⩽ 0.45m^2)	13 (For 3 thk. sign plate)	500 (For total area of sign plate ⩽ 0.45m^2)
	350 < 'B' ⩽600	100			
600 < 'A' or 'A1' ⩽1050	⩽350	60	5 (For area of sign plate >0.45m^2)	15 (For 5 thk. sign plate)	700 (For total area of sign plate >0.45m^2)
	350 < 'B' ⩽600	100			

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 S355J2H to BS EN 10210-1. All steelwork shall be hot dip galvanized to BS EN ISO 1461 : 1999.

3. Welding of steel shall be in accordance with BS EN 1011-1 and BS EN 1011-2 and electrodes shall be in accordance with BS EN 499.

4. Welding symbols shall comply with BS 499.

5. All steelwork shall be painted to Paint System 1 as per Section 16.4 of Highways Department's Structures Design Manual for Highways and Railways with the following finishing colour:

   i) No-stopping sign:

Restricted Peroid	Colour
8 AM - 10 AM & 5 PM - 7 PM	Green to BS 381C No.262
7 AM - 7 PM	Yellow to BS 381C No.355
7 AM - 12 PM	Red to BS 381C No.537

   ii) Other sign: Grey to BS 5252F Code 18B19

6. All welding slag shall be removed with a chipping hammer and the welds shall be vigorously wire brushed and protected by two coats of zinc rich paint to BS 4652.

7. Undercoat and finishing coat can be applied on site after erection.

8. Stainless steel bolts and nuts shall be Grade A2-70 to BS EN ISO 3506-1 and BS EN ISO 3506-2.

9. A nylon or other approved plastic washer shall be provided at every interface between stainless steel and galvanized steel.

10. If the construction of the footing is in conflict with the existing underground utilities, the footing shape may be changed to suit, upon the engineer's approval.

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

12. This standard drawing is applicable for both single-sided or double-sided rectangular sign plate.

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

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

REF.	REVISION	SIGNATURE	DATE
B	Detachable dome shape cap added and other general revisions	Original signed	Feb 19
A	Note 6 revised and Note 14 added.	-	Oct 17
	New issue	-	Aug 02

SINGLE POST TRAFFIC SIGN SUPPORT (USING OFF-CENTERED METHOD) (SHEET 4 OF 4)

HIGHWAYS DEPARTMENT

REFERENCE

DRAWING No. H 2201B

CAD

SCALE As shown