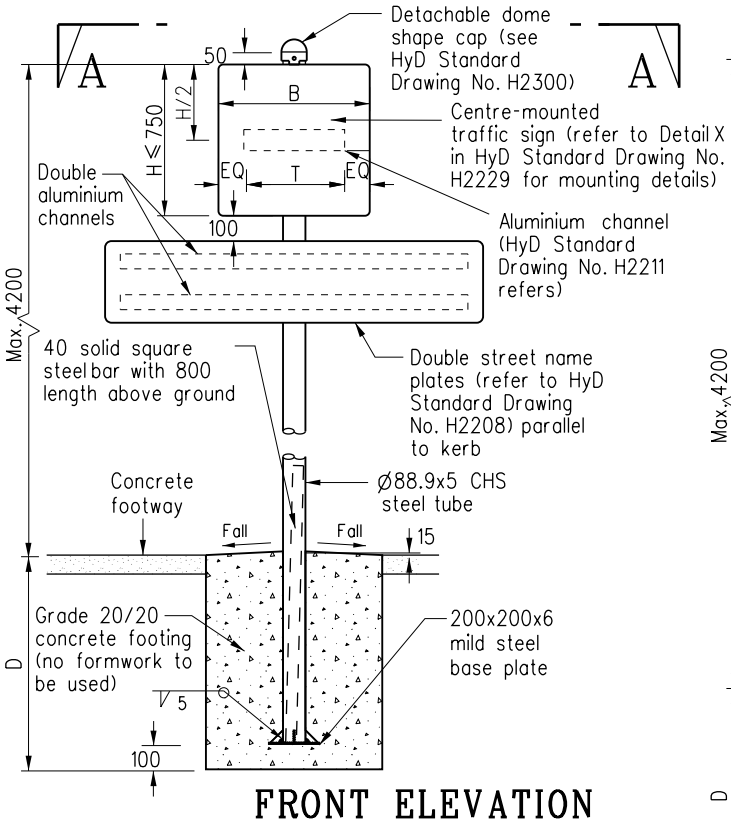
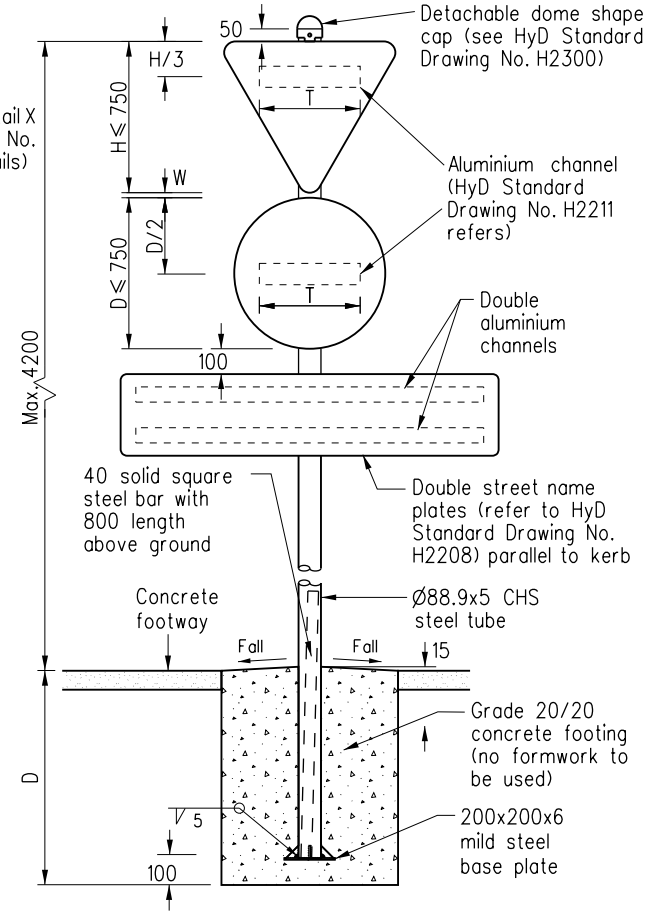


FRONT ELEVATION

(with one traffic sign parallel to kerb)



FRONT ELEVATION

(with two traffic signs parallel to kerb)

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 EN ISO 3506-1 and BS EN ISO 3506-2, spring washer shall be to BS ISO 464:1995.
4. Welds to be sound and continuous avoiding locked in slag.
5. Welding slags 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 Paint System I 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 18B19 except those posts supporting traffic sign plates which indicate restricted period for loading & unloading for all vehicles shall be as below:

   Restricted Period:

8am-10am & 5pm-7pm	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 at every 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	Footing size (alternatives to suit site conditions)	
TPA ⩽ 0.64m²	750x750x700(D)	600x600x800(D)
	475x475x900(D)	375x375x1000(D)
0.64m² < TPA ⩽ 1m²	800x800x800(D)	650x650x900(D)
	525x525x1000(D)	425x425x1100(D)
1m² < TPA ⩽ 1.28m²	950x950x800(D)	775x775x900(D)
	625x625x1000(D)	500x500x1100(D)

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 street name plates, 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 and Design Manual.
13. Length of aluminium channel (T)

Shape of traffic sign	Sign height (H) or diameter (D) in mm	Length of aluminium channel (T) in mm
Triangular	300 ⩽ H ⩽ 450	200
	450 < H ⩽ 750	400
Circular	200 ⩽ D ⩽ 450	175
	450 < D ⩽ 750	450
Rectangular or Hexagonal	Refer to Note 9 of HyD Standard Drawing No. H2230	

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.

REF.	REVISION	SIGNATURE	DATE
E	Detachable dome shape cap added and other general revisions	Original signed	Feb 19
D	40 solid square post added.	-	May 18
C	Note 7 updated and Note 14 added		Oct 17
B	Note 2 updated	-	Sep 07
A	To provide more options of footing sizes.	-	Jan 06
	New Issue	-	Nov 04

SINGLE POST MULTI-SIGN SUPPORT FOR STREET NAME PLATES AND CENTRE-MOUNTED TRAFFIC SIGNS (SHEET 1 OF 2)

HIGHWAYS DEPARTMENT

REFERENCE

DRAWING No. H 2228E CAD

SCALE NOT TO SCALE