

**TABLE 1 - SIGN TYPE SCHEDULE**

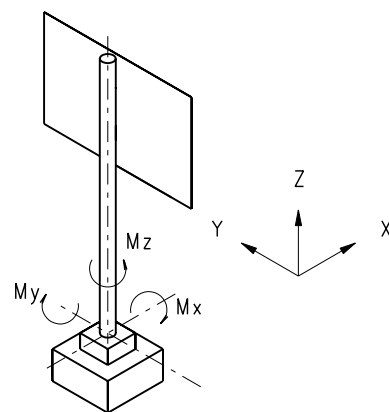
Sign type	Sign face			Sign pole	Channel welded to sign pole
	Height (H)	Width (W)	Area (A <sub>o</sub> )		
I, IA	H ≤ 2.0m	W ≤ 2.0m	A <sub>o</sub> ≤ 2m <sup>2</sup>	139.7 dia. x 6.3 CHS	127 x 64 x 15
II, IIA	H ≤ 2.0m	W ≤ 2.0m	A <sub>o</sub> ≤ 3m <sup>2</sup>	168.3 dia. x 6.3 CHS	127 x 64 x 15
III, IIIA	H ≤ 2.5m	W ≤ 3.0m	A <sub>o</sub> ≤ 6m <sup>2</sup>	193.7 dia. x 10 CHS	180 x 90 x 26
IV	H ≤ 4.0m	W ≤ 4.0m	A <sub>o</sub> ≤ 12m <sup>2</sup>	193.7 dia. x 12.5 CHS	180 x 90 x 26
V	H ≤ 6.0m	W ≤ 4.0m	A <sub>o</sub> ≤ 20m <sup>2</sup>	244.5 dia. x 16 CHS	180 x 90 x 26

**TABLE 2 - ANCHORAGE DETAILS**

Sign type	Base plate (mm)	Holding down bolts	
		No.	Diameter (mm)
I, IA	370 x 370 x 20 thk.	4	20
II, IIA	380 x 380 x 20 thk.	4	24
III, IIIA	510 x 510 x 25 thk.	4	30
IV	540 x 540 x 25 thk.	6	24
V	630 x 630 x 30 thk.	6	30

**TABLE 3 - FOUNDATION DESIGN REQUIREMENTS**

Sign type	Unfactored design load per leg at base of pole					
	F <sub>x</sub> (kN)	F <sub>y</sub> (kN)	F <sub>z</sub> (kN)	M <sub>x</sub> (kNm)	M <sub>y</sub> (kNm)	M <sub>z</sub> (kNm)
I, IA	10	5	5	10	30	10
II, IIA	15	5	5	10	40	10
III, IIIA	25	5	10	15	90	30
IV	20	5	10	15	100	10
V	35	5	15	20	180	10



**ISOMETRIC VIEW**

	New issue		Aug 03
REF.	REVISION	SIGNATURE	DATE

**ROADSIDE DIRECTIONAL SIGNS  
( SHEET 7 OF 14 )**

**HIGHWAYS DEPARTMENT**

REFERENCE	DRAWING No.	CAD
SCALE Diagrammatic	<b>H 2218</b>	