

METRIC
 DIMENSIONS ARE IN METRES
 AND/OR MILLIMETRES
 UNLESS OTHERWISE SHOWN

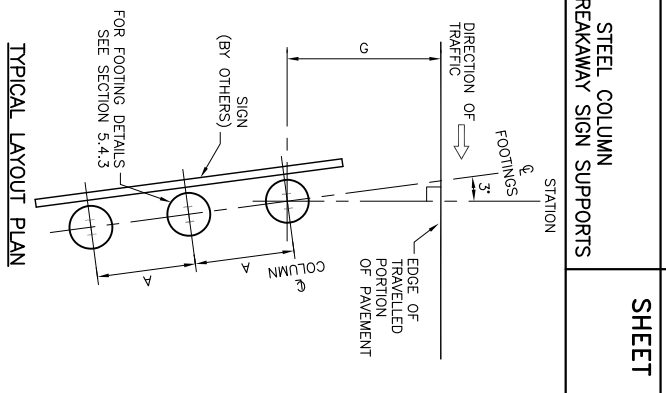
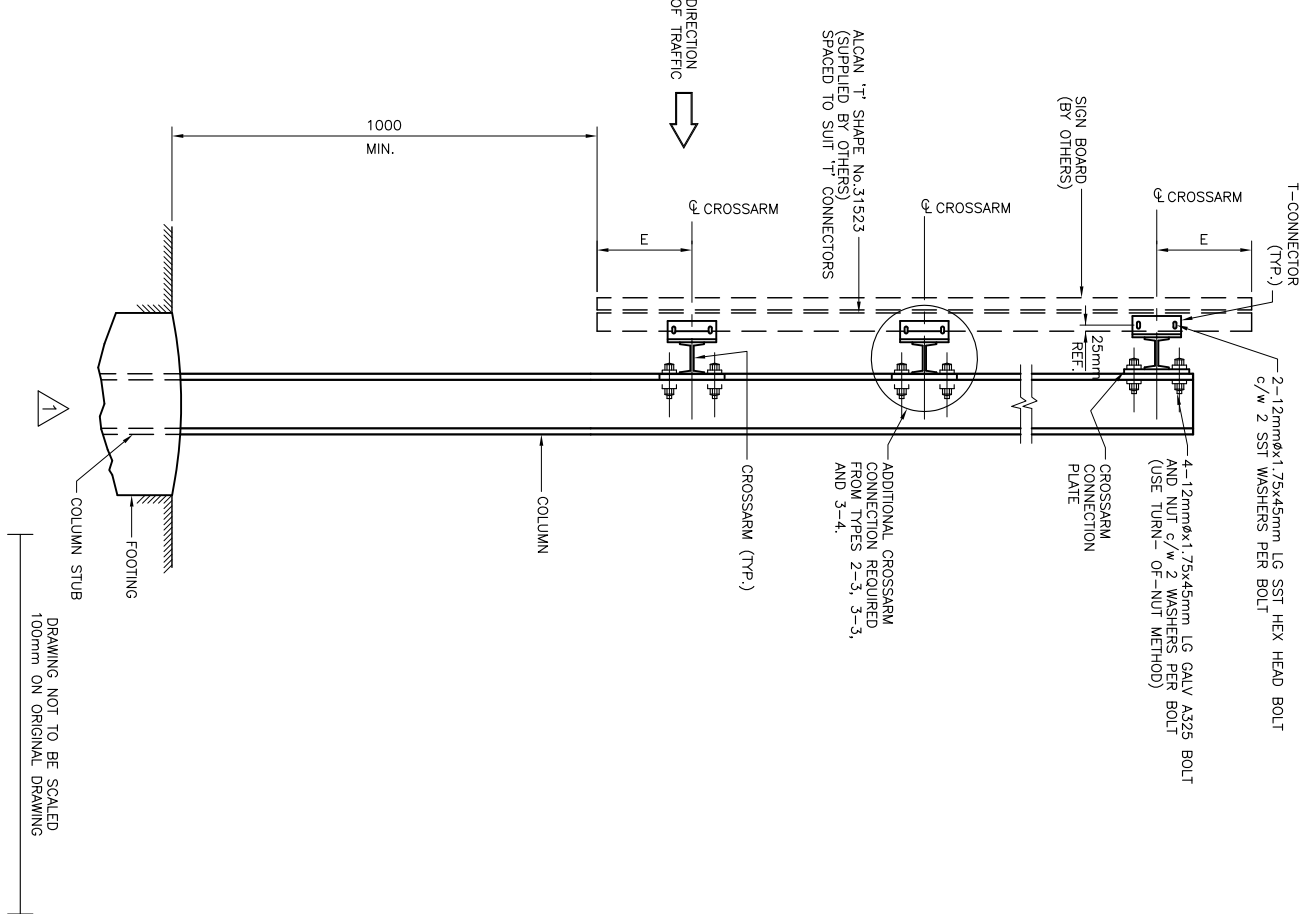
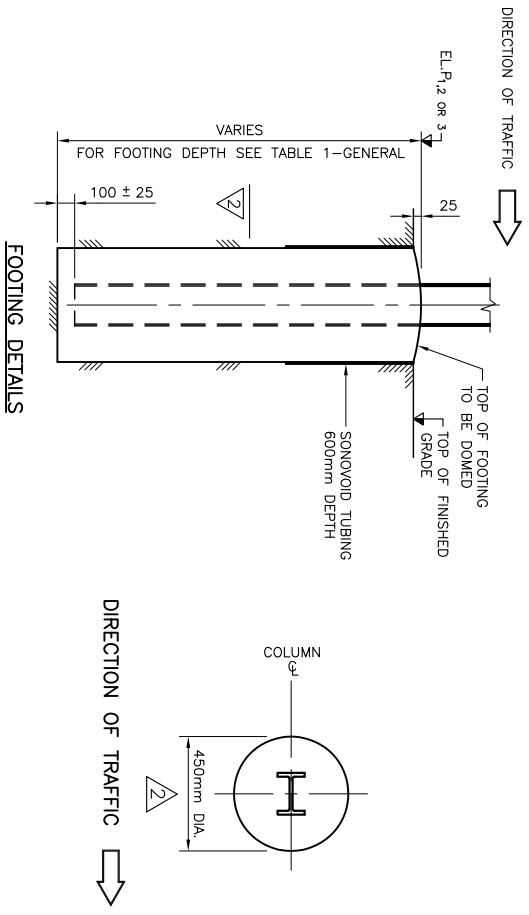


TABLE 1 - GENERAL

STATION	STATION	STATION	STATION
SIGN No.			
SIGN SIZE (DxB)			
TYPE			
EL.P1			
EL.P2			
EL.P3			
A			
E			
F			
G			
H			
COLUMN SIZE			
FOOTING DEPTH			
CONCRETE IN FOOTINGS (m ³)			

TABLE 2 - COMPONENTS/PARTS

STATION	STATION	STATION	STATION
COMPONENT	SIZE	QUANT./LENGTH	SIZE
CROSSARM			
COLUMN No.1			
COLUMN No.2			
COLUMN No.3			



- NOTES**
- 1 ALL STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA G40.20-04/G40.21-04 GRADE 300W AND HOT DIP GALVANIZED.
 - 2 ALL BOLTS, NUTS AND WASHERS FOR CROSSARM CONNECTIONS SHALL CONFORM TO ASTM A325 AND BE HOT DIP GALVANIZED.
 - 3 CLASS OF CONCRETE TO BE 30 MPa.
 - 4 CONCRETE TO BE PLACED AGAINST UNDISTURBED GROUND IN AUGERED HOLE.
 - 5 TOP SURFACE OF FOOTING SHALL BE DOMED.
 - 6 EL.P1, EL.P2 OR EL.P3 DENOTES ELEVATION OF TOP OF FOOTING CONCRETE.
 - 7 FOR DETAILS OF PARTS SEE FABRICATION INFORMATION IN SIGN SUPPORT MANUAL, SECTION 5.5-FABRICATION.
 - 8 THE COLUMNS SHALL BE INSTALLED AND HELD IN CORRECT POSITION UNTIL THE CONCRETE HAS PROPERLY SET.
 - 9 SIGN BOARD SHALL NOT BE ERECTED UNTIL 7 DAYS AFTER CONCRETE HAS BEEN PLACED.
 - 10 FOR TURN-OF-NUT TIGHTENING METHOD, THE BOLTS SHALL BE FIRST BROUGHT TO A SNUG-TIGHT CONDITION, AND THEN FURTHER TIGHTENED BY 1/3 OF A TURN. SNUG-TIGHT IS THE TIGHTNESS ATTAINED BY THE FULL EFFORT OF A MAN USING A SPUD WRENCH.

STANDARD DRAWING
 JULY 2014
SS118-33
 STEEL COLUMN
 NON-BREAKAWAY SIGN SUPPORTS

REFER TO 2.4.1 IN THE SIGN SUPPORT MANUAL FOR PROFESSIONAL ENGINEER STAMPING REQUIREMENTS.

REVISIONS

DESIGN	CHK	CODE	DESCRIPTION	DATE
		CHBC-00	LOAD	