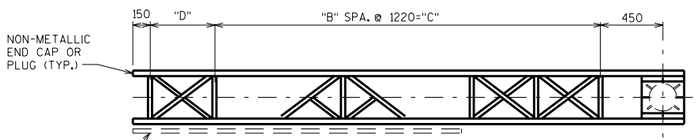
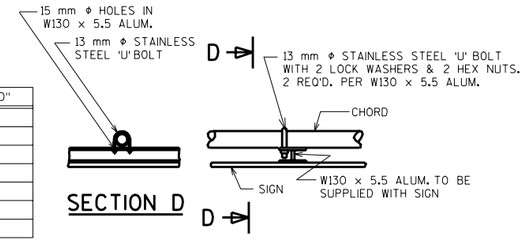
END PANEL "D" = 610 mm MINIMUM
= 1830 MAXIMUM



PLAN

STRUCTURE	"A"	"L"	"B"	"C"	"T1"	"D"



SECTION D

TYPICAL SIGN CONNECTION

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

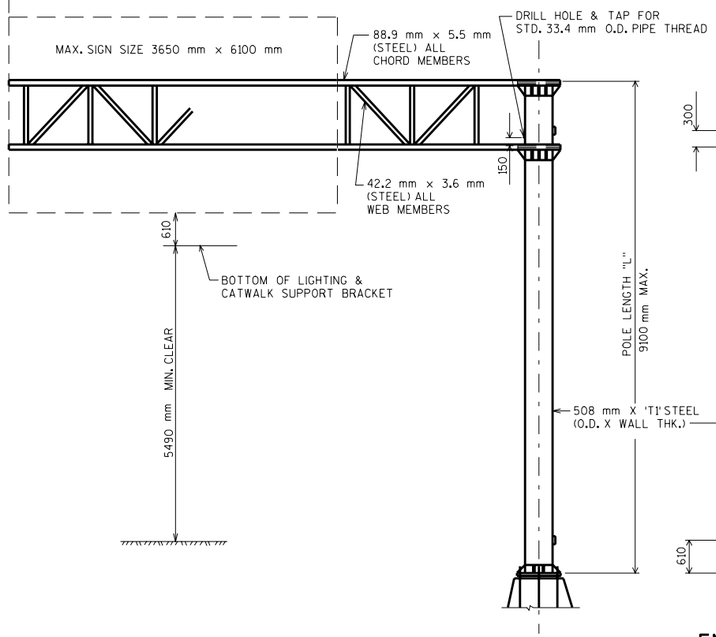
DESIGNED ACCORDING TO A.A.S.H.T.O. "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC "SIGNALS"

WIND VELOCITY = 137 km/h

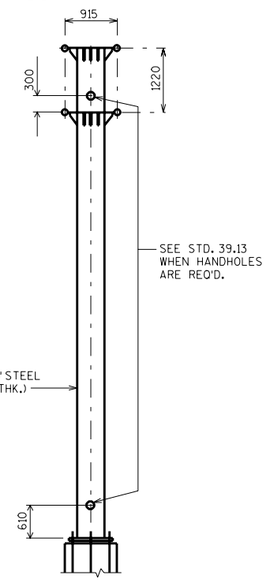
ALL DIMENSIONS, THICKNESSES, & WELD SIZES IN MILLIMETERS

ALLOWABLE DESIGN STRESSES

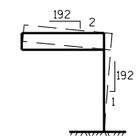
CHORDS & COLUMN
(INCLD. HANDHOLE) —— API-5L-X42 —— fy=289 MPa
ALL OTHER PIPE —— A53, GRADE B —— fy=241 MPa
PLATES & BARS —— A709M —— fy=248 MPa
ANCHOR BOLTS —— A.A.S.H.T.O. M314 —— fy=380 MPa
HIGH STRENGTH BOLTS- A325M —— fy=635 MPa
STRUCTURAL MEMBERS GALVANIZED A123
HARDWARE GALVANIZED —— A153 CLASS C



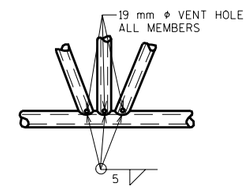
ELEVATION



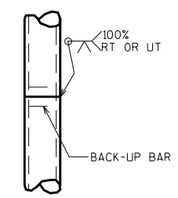
END VIEW



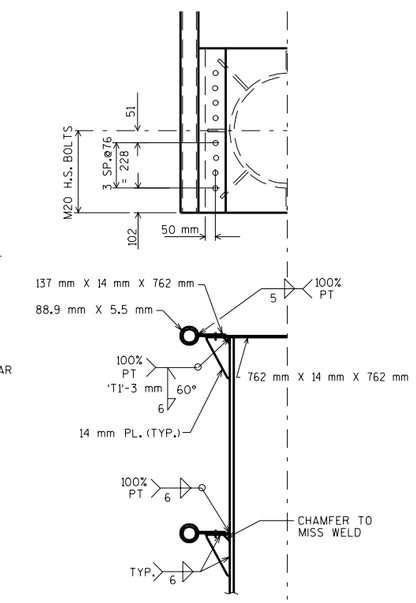
CAMBER DIAGRAM



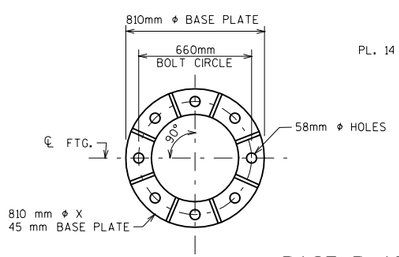
TRUSS JOINT DETAILS

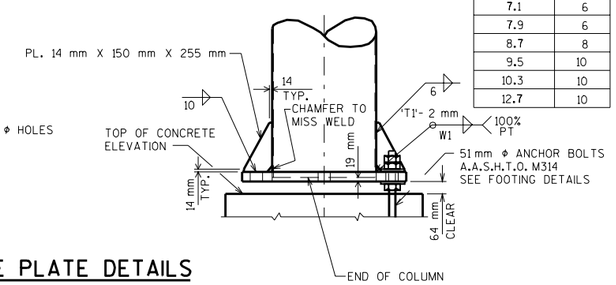


OPTIONAL COLUMN OR CHORD SPLICE DETAIL



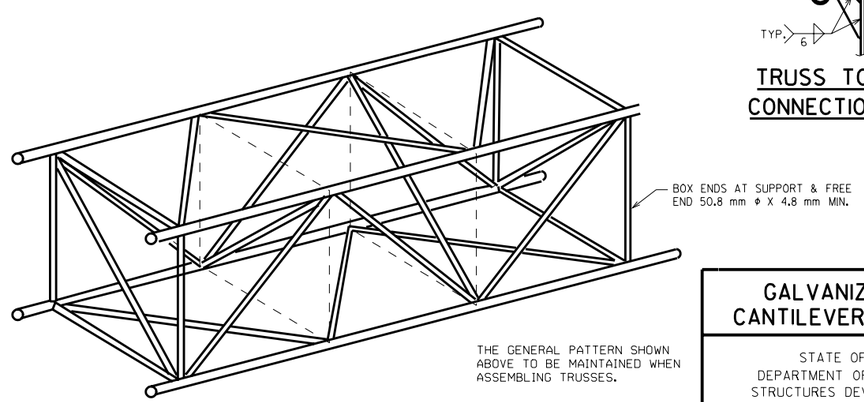
TRUSS TO COLUMN CONNECTION DETAILS





WELD SIZE 'W1'	
POLE 'T1'	'W1'
7.1	6
7.9	6
8.7	8
9.5	10
10.3	10
12.7	10

BASE PLATE DETAILS



TYPICAL TRUSS SECTION

GALVANIZED STEEL CANTILEVER SIGN TRUSS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DEVELOPMENT SECTION

APPROVED: _____ DATE: 4/99

METRIC STANDARD 39.10