

WEIGHT		NOMINAL DIMENSIONS				
lbs/ft	IN	A	B	C	E	
2.00	2.00	1.45 TO 1.55	3.00 TO 3.15	1.25 TO 1.30	0.62 TO 0.67	
3.00	3.00	37 TO 38.5	77.5 TO 78.5	31.75 TO 32.5	15.8 TO 17.0	

WEIGHT TOLERANCES
 *+-3.5%
 **+-5%

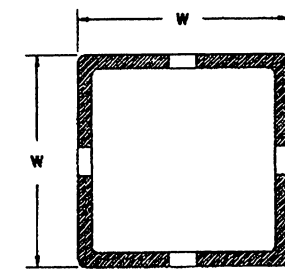
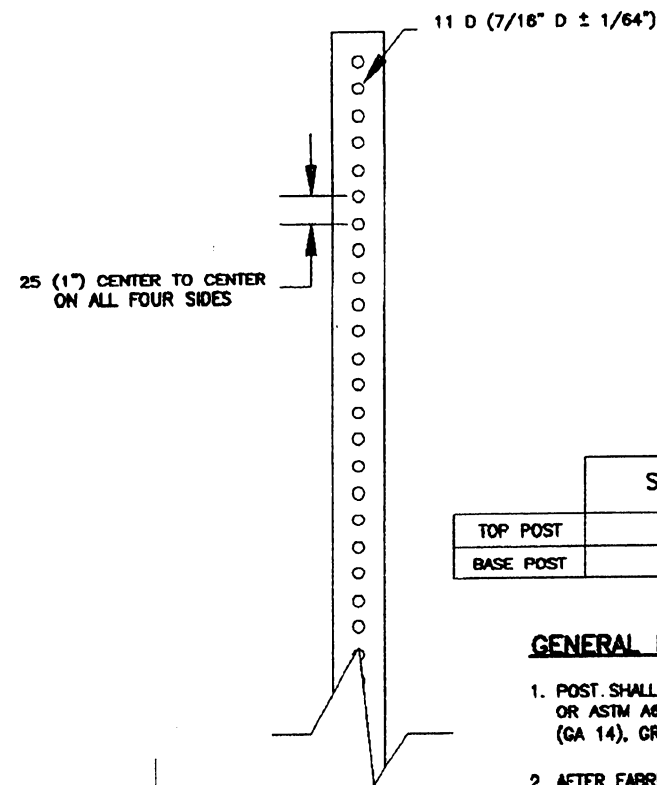
GENERAL NOTES:

1. STEEL POST SHALL CONFORM TO THE REQUIREMENTS OF ASTM A489, GRADE 60 OR MARION STEEL COMPANY GRADE SP-80.
2. AFTER FABRICATION, POST SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH AASHTO M111 (ASTM A123).
3. THE BASE POST MAY HAVE SLOTTED HOLE 9.5 X 13 FOR THE FIRST AND FIFTH HOLE.

**STEEL FLANGED CHANNEL
 TOP OR BASE POST**

NOTE APPLICABLE TO ALL SMALL TRAFFIC SIGNS DRAWINGS:

1. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. DIMENSIONS GIVEN IN METERS SHALL BE INDICATED WITH: M. DIMENSIONS GIVEN IN INCHES SHALL BE INDICATED WITH: ". DIMENSIONS GIVEN IN FEET SHALL BE INDICATED WITH: '.
2. SYSTEMS IN ENGLISH UNITS ARE ACCEPTABLE.
3. DIAMETER SHALL BE INDICATED WITH "D"
4. REFLECTIVE SHEETING USED ON ALL SIGNS SHALL CONFORM TO ASTM D4956, TYPE III. THE BACKING SHALL BE CLASS 1 OR 2.



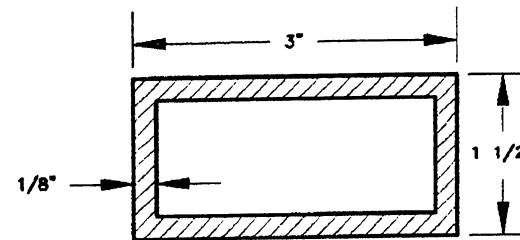
SQUARE STEEL POST

	SIZE (W)	GAGE	WEIGHT (lbs/ft)	SQUARENESS TOLERANCES
TOP POST	2"	14	1.99 TO 2.20	± .012
BASE POST	2 1/4"	12	2.77 TO 2.80	± .014

GENERAL NOTES

1. POST SHALL CONFORM TO THE REQUIREMENTS OF ASTM A570 GRADE 50 OR ASTM A653 STRUCTURAL QUALITY GRADE 50 - MODIFIED TO GRADE 55 (GA 14), GRADE 40 (GA 12).
2. AFTER FABRICATION, POST SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A653 G 90 OR AASHTO M120.
3. POSTS WITH DIE-PUNCHED KNOCKOUTS HOLES ARE ACCEPTABLE.

**SQUARE STEEL POST
 TOP AND BASE POST**



ALTERNATE STIFFENER

AS MANUFACTURED BY ALUMINUM EXTRUSION CORPORATION
 P.O. BOX 1622, CANOVANAS, PUERTO RICO 00728-1622

GENERAL NOTES:

1. STIFFENER SHALL CONFORM TO ASTM B-209, ALLOY 6063 T-5

**NOTE APPLICABLE TO ALL BASE TO TOP
 POST CONNECTION DETAILS:**

1. CONTRACTORS, SUBCONTRACTORS OR SUPPLIERS WHO WISH TO INCLUDE THEIR PRODUCTS INTO THE APPROVED LISTING OF COUPLINGS BETWEEN THE BASE AND TOP POST MUST SUBMIT THE FOLLOWING INFORMATION FOR CONSIDERATION BY THE AUTHORITY: COPY OF FHWA LETTER OF ACCEPTANCE THAT THE DEVICE COMPLIES WITH THE NCHRP REPORT 350 REQUIREMENTS, FULL DESCRIPTION AND DRAWINGS OF THE COUPLER INCLUDING DIMENSIONS OF ALL COMPONENTS AND COMPLETE MATERIAL DESCRIPTION OF THE BASE METAL, GALVANIZING, FASTENERS AND OTHER PERTINENT INFORMATION.

EFFECTIVE DATE: JULY 2000

COMMONWEALTH OF PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY AND TRANSPORTATION AUTHORITY			
SMALL TRAFFIC SIGNS STEEL FLANGED CHANNEL AND SQUARE STEEL POST DETAILS		RECOMMENDED BY: <i>S. Suber</i>	DEPUTY EXC. DIR. FOR TRAFFIC AND TOLL ROADS DATE: 17-1-00
		APPROVED BY: <i>[Signature]</i>	EXECUTIVE DIRECTOR DATE: MAY-19-00
DATE	REVISION	BY	STD. STS
02-1999	GENERAL REVISION, STIFFENER DETAIL	I.V.	DWG. 1 OF 25
05-2000	GENERAL REVISION	I.V.	