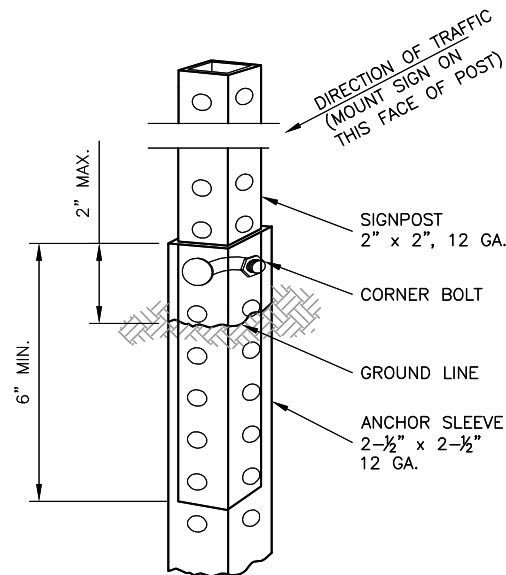


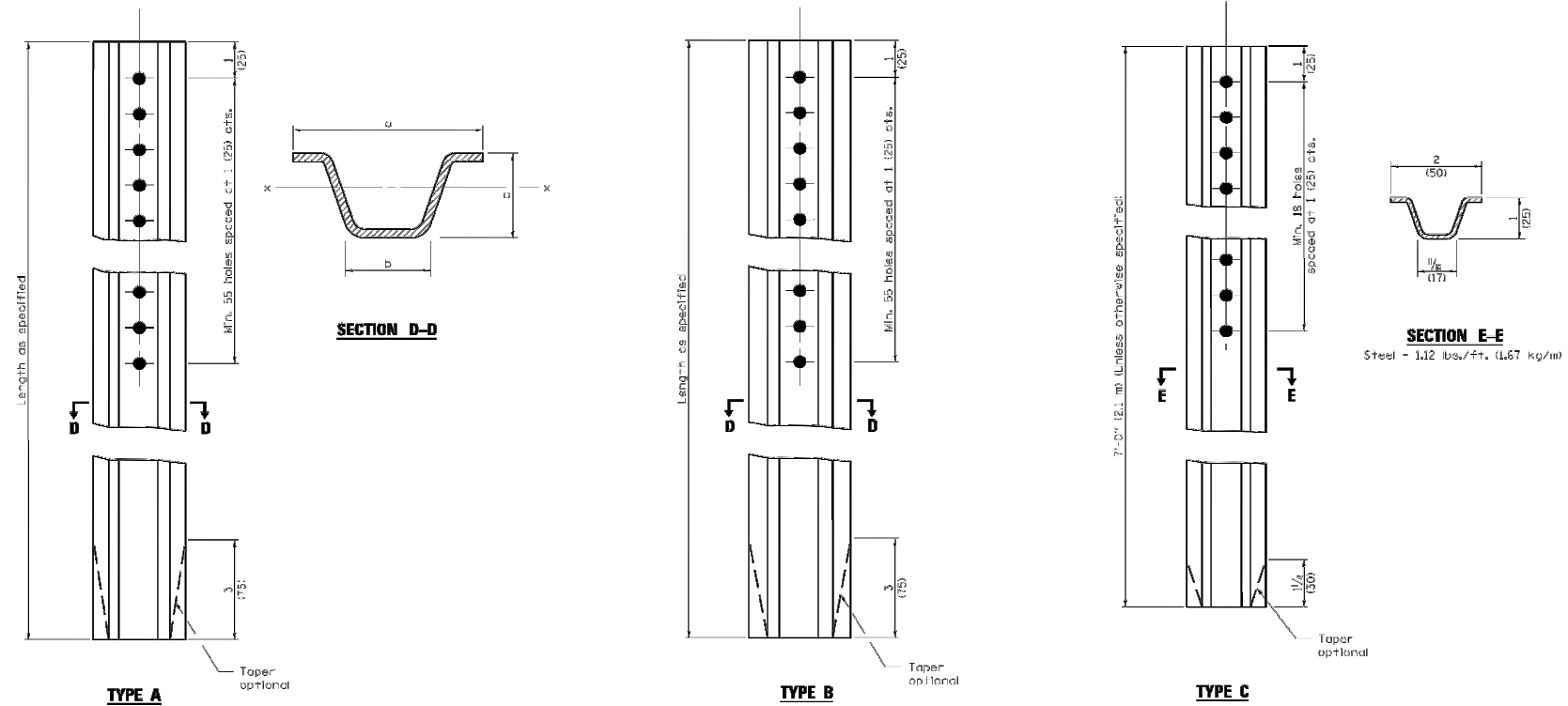
**NOTE:**

SQUARE STEEL TUBE POSTS TO BE USED WHERE SIGNS ARE TO BE MOUNTED ON THE FRONT AND BACK OF THE POST.



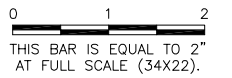
THE SIGNPOST IS ATTACHED TO THE ANCHOR SLEEVE WITH THE CORNER BOLT PER MANUFACTURER'S SPECIFICATION.

**PERFORATED SQUARE STEEL TUBE POST DETAIL**  
 N.T.S.



**UN052**

REVISIONS		
NUMBER	BY	DATE



UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 SAVOY, ILLINOIS

RELOCATE ENTRANCE ROADWAY &  
 REHABILITATE OLD TERMINAL PARKING LOT  
 METAL SIGN POST DETAILS

SIGN AREA (SQ.FT.)	POST TYPE		
	U-CHANNEL	WOOD	PERFORATED SQUARE STEEL TUBING
* 10	1 - 3.0 LB./FT.*	1 - 4" X 4"*	1 - 2" 12 GA.*
* 10 * 16	2 - 3.0 LB./FT.	2 - 4" X 4" 1 - 4" X 6"*	2 - 2" 12 GA.
* 16 * 24	2 - 3.0 LB./FT.	2 - 4" X 6"	3 - 2" 12 GA.**
* 24 * 30	3 - 3.0 LB./FT.	2 - 4" X 6"	N/A
* 30 * 50	N/A	2 - 6" X 6"	N/A

\* SIGNS GREATER THAN 4 FEET IN WIDTH, EXCEPT DIAMOND SHAPE SIGNS, REQUIRE TWO POSTS.

\*\* REQUIRES SLIP BASE PER MANUFACTURER'S RECOMMENDATION.  
 ALL POSTS SHALL BE IMBEDDED A MINIMUM OF 3 FEET.

**POST SIZE REQUIREMENTS**

		a	b	c	Sx-x in. <sup>3</sup> (mm <sup>3</sup> )	lbs./ft. (kg/m)
TYPE A	Steel	3/16 (78)	1/4 (32)	1/16 (37)	0.223 (3,654)	2.00 (2.98)
	Aluminum	3/2 (89)	1/8 (41)	1/8 (48)	0.435 (7,128)	0.90 (1.34)
TYPE B	Steel	3/16 (81)	1/4 (57)	1/2 (60)	0.341 (5,588)	3.00 (4.46)
	Aluminum	4/8 (118)	2/4 (57)	2/8 (60)	0.888 (14,552)	1.30 (1.93)

**GENERAL NOTES**

Dimensions shown for cross sections are minimum.

All holes are 3/8 (10).

Sx-x is the minimum section modulus about the x-x axis of the post as shown. For posts in which holes are punched or drilled for more than half their length, Sx-x shall be computed for the net section.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-97	Renum. Standard 2350-4.

**METAL POSTS FOR SIGNS, MARKERS & DELINEATORS**

**STANDARD 720011-01**

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DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	KLB
APPROVED BY:	CET
DATE:	4/19/2013
JOB No:	11059-05-00
IL PROJ. NO.	CMI-4269
SHEET	28 OF 38 SHEETS

Illinois Department of Transportation

PASSED January 1, 2009  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2009  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97