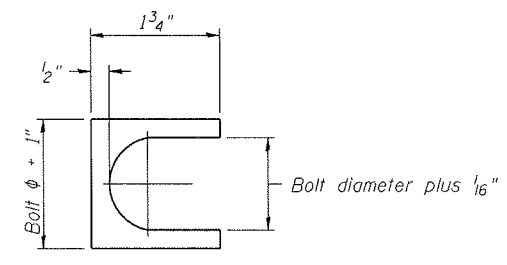
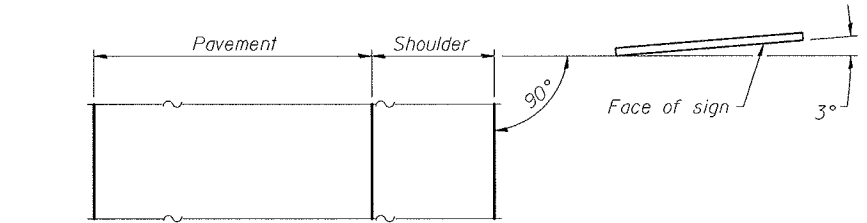


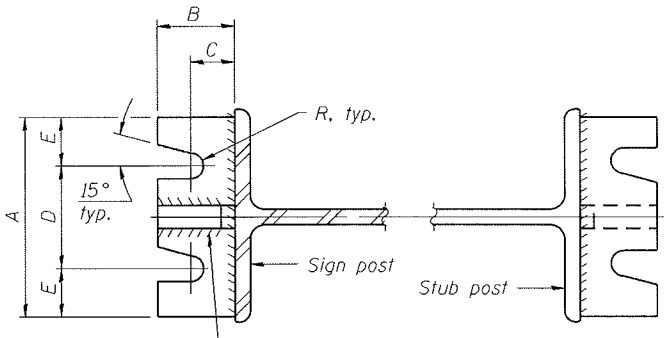
**ELEVATION**



**SHIM DETAIL**  
Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

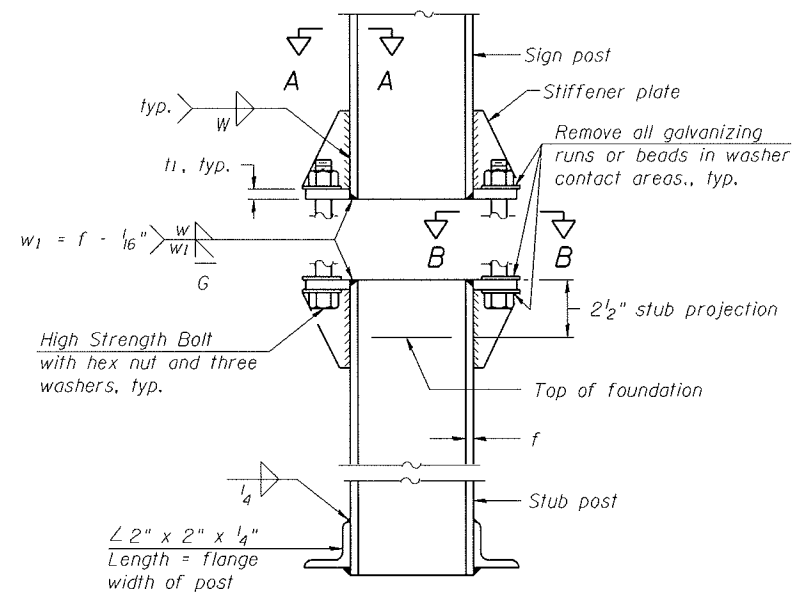


**LOCATION SKETCH**

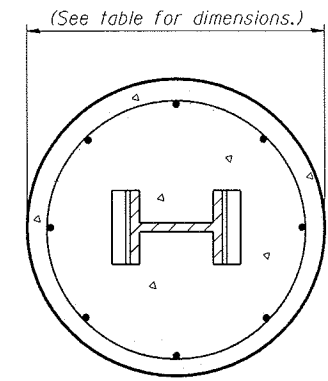


**SECTION A-A**

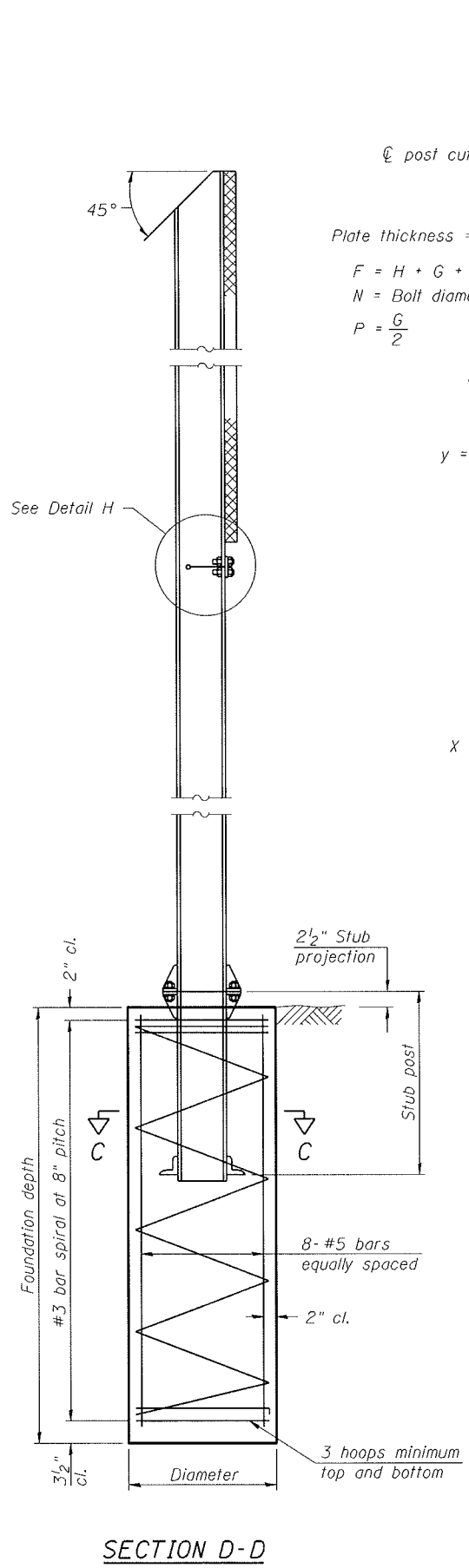
**SECTION B-B**



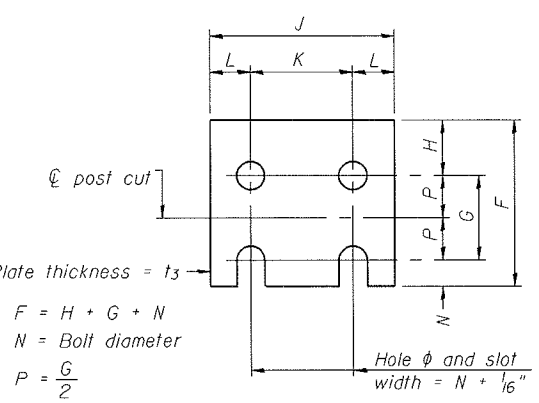
**ELEVATION SIGN POST & STUB POST**



**SECTION C-C**

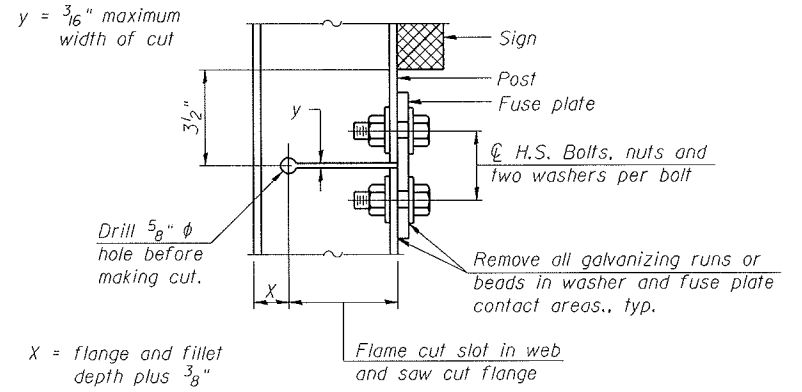


**SECTION D-D**

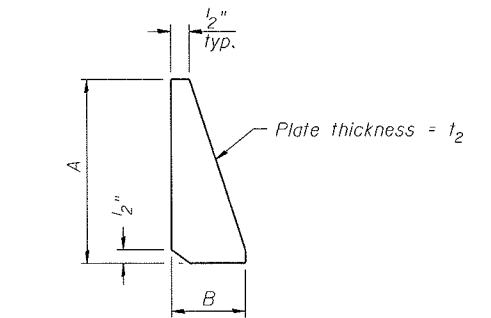


**FUSE PLATE DETAIL**  
(Install with notches down.)

FUSE PLATE DATA		
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"



**DETAIL H**



**STIFFENER PLATE DETAIL**  
Diameter

**GENERAL NOTES**

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:  
Structural steel - 20,000 p.s.i.  
Reinforcing steel - 20,000 p.s.i.  
Concrete - 1,400 p.s.i.  
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

BAW-A-1

1-20-11

(Sheet 1 of 2)

FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
as\pvc\work\p\dot\alfordb\08181912\d07689-shr-sign.dgn		DRAWN -	REVISED -			55	60-(1,2)RS-3	MADISON	212	87
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 76D99				
PLOT DATE = 2/2/2012		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				