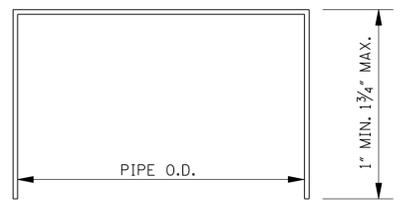
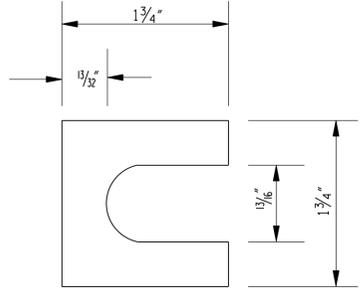


**MULTI-DIRECTIONAL SIGN POST & STUB POST**

H.S. HEX. BOLT  
3 REQUIRED, SEE  
TABLE FOR SIZE.  
3 WASHERS ALSO  
REQUIRED PER BOLT.

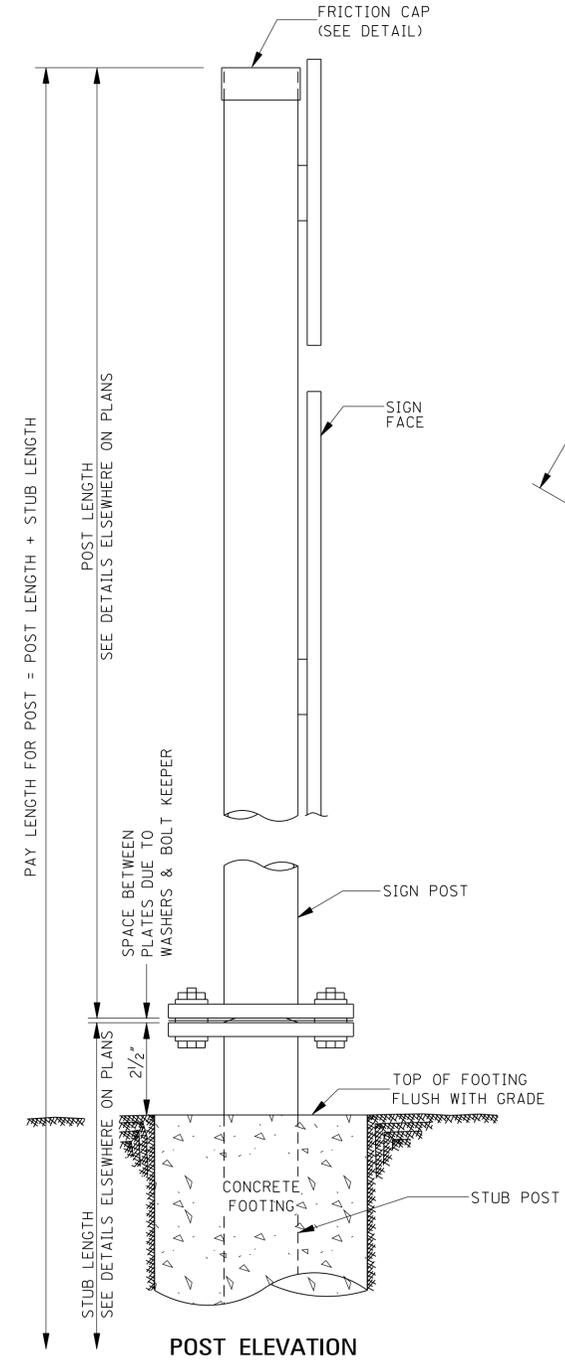


**FRICTION CAP DETAIL**  
NOTE: SEE NOTE 3

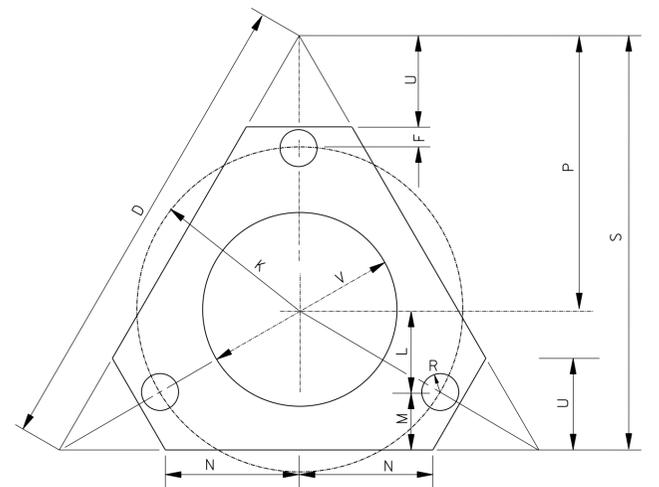


**SHIM DETAIL**

NOTE: FURNISH 2-0.012\"/>



- AS AN ALTERNATIVE THE POST LENGTH OF THE SIGN POST CAN BE MADE-UP USING A NOMINAL LENGTH OF GALVANIZED PIPE, A GALVANIZED SLIP BASE CASTING, GALVANIZED FLAT PLATES OR APPROVED EQUAL WITH ALL NECESSARY HARDWARE REQUIRED TO SECURE THEM TO THE SIGN POST, A GALVANIZED KEEPER PLATE AND A GALVANIZED FRICTION CAP. THE SLIP BASE CASTING SHALL HAVE 3-SCREWS TO SECURE THE POST TO THE CASTING AND ONE SET SCREW TO PREVENT ROTATION. THE MANUFACTURER SHALL PROVIDE SHOP DRAWINGS OF THE COMPLETE ASSEMBLY FOR MDOT APPROVAL.

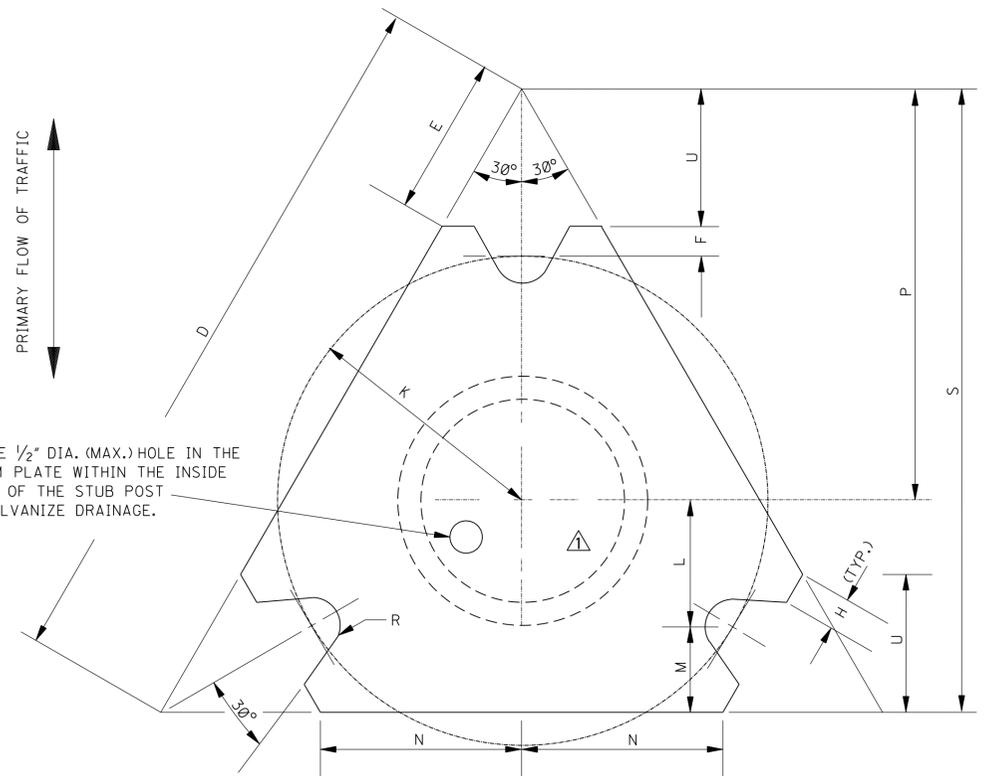


**BOLT KEEPER PLATE DETAIL**

NOTE: TO BE FABRICATED FROM 28 GAGE THICK GALVANIZED STEEL. TO BE INSTALLED AS SHOWN IN DETAIL AT UPPER LEFT.

GENERAL NOTES: (SEE SN-6 FOR ADDITIONAL GENERAL NOTES)

- THE TOP PLATE OF THE TRIANGULAR SLIP BASE SHALL HAVE THE SAME EXTERIOR DIMENSIONS AS THE BOTTOM PLATE. THE LIFTING CONE SHALL BE WELDED TO THE BOTTOM PLATE ONLY. A HOLE EQUAL TO THE INSIDE DIAMETER OF THE SIGN POST SHALL BE CUT THROUGH THE CENTER OF THE TOP PLATE WITH THE HOLE EDGE BEVELED AS DETAILED. TOP & BOTTOM PLATES SHALL BE SYMMETRICAL FOR THE PURPOSE OF ASSEMBLY IN ANY POSITION.
- BASE CONNECTION ASSEMBLY AS FOLLOWS:
  - ASSEMBLE POST TO STUB WITH 3 BOLTS AND WITH 3 FLAT WASHERS PER BOLT.
  - SHIM AS REQUIRED TO PLUMB POST.
  - TIGHTEN ALL BOLTS THE MAXIMUM POSSIBLE WITH A 12\"/>
- FRICTION CAPS TO BE MANUFACTURED FROM HOT ROLLED OR COLD ROLLED STEEL SHEETS. FOR ALL PIPE SIZES, MINIMUM THICKNESS SHALL BE 20 GAGE SHEET METAL. RIM EDGES SHALL BE REASONABLY STRAIGHT AND SMOOTH. CAPS SHALL BE SIZED AND FORMED IN SUCH A MANNER AS TO PROVIDE A DRIVE-ON FRICTION FIT AND HAVE NO TENDENCY TO ROCK WHEN SEATED ON PIPE. THE DEPTH SHALL BE SUFFICIENT TO GIVE POSITIVE PROTECTION AGAINST ENTRANCE OF RAINWATER. THEY SHALL BE FREE OF SHARP CREASES OR INDENTATIONS AND SHOW NO SIGNS OF METAL FRACTURE. ALL CAPS TO BE SAME IN SHAPE AND GENERAL APPEARANCE AS APPROVED BY THE ENGINEER.
- STUB PROJECTION SHOULD BE MEASURED OVER A 5'-0\"/>



**SECTION A-A**  
NOTE: SEE DATA TABLE FOR DIMENSIONS

DIMENSIONS NOMINAL PIPE SIZES	BOLT SIZE & TORQUE	T	W	C	*D	*E	F	G	*H	J	K	L	M	*N	P	S	U	V	R
3"	5/8" X 2 1/2" 300 in. lbs	5/8"	3/8"	1"	10 3/8"	2 5/16"	1/2"	3/8"	1/2"	1 3/4"	3 1/2"	1 3/4"	1 1/4"	2 7/8"	6"	9"	2"	4 1/4"	1 1/2"
4"	3/4" X 3"	3/4"	1/2"	1 1/8"	13"	2 7/8"	1/2"	3/8"	5/8"	2 1/2"	4 1/2"	2 1/4"	1 1/2"	3 5/8"	7 1/2"	11 1/4"	2 1/2"	5 3/4"	1 3/2"
5"	500 in. lbs	7/8"	5/8"	1 1/4"															

\* NOTE: APPROXIMATE DIMENSIONS

2/8/2013 8:42 AM SDSN-6B-10-12-2012.DGN

04-23-07		remove comp. frim stub, odd note, rem. 3/2 frim table	JUS	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DATE	DESIGN TEAM	REVISION			<p align="center"><b>BREAKAWAY SIGN SUPPORTS</b></p> 	
DATE	DESIGN TEAM	REVISION				
FILENAME: SDSN-6B.dgn					WORKING NUMBER	SDSN-6B
DATE 04-23-07					SHEET NUMBER	