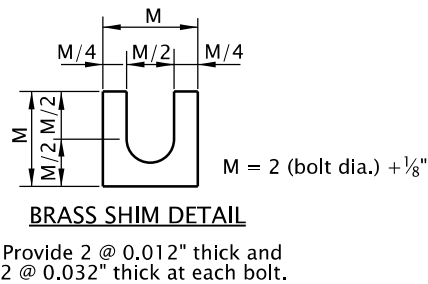
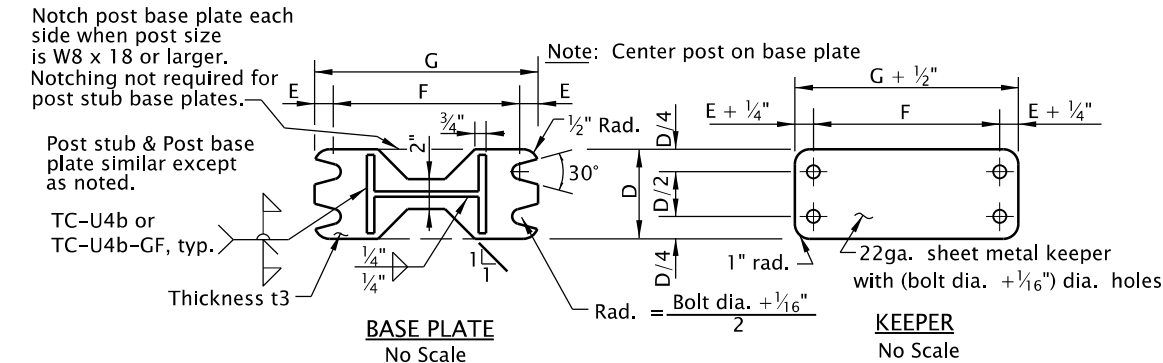
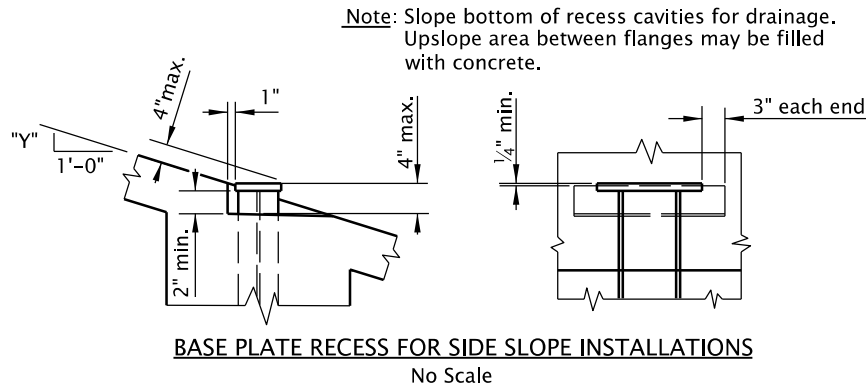
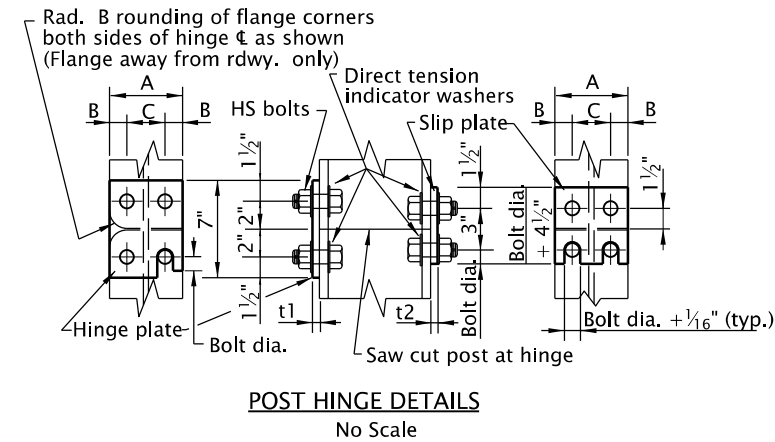
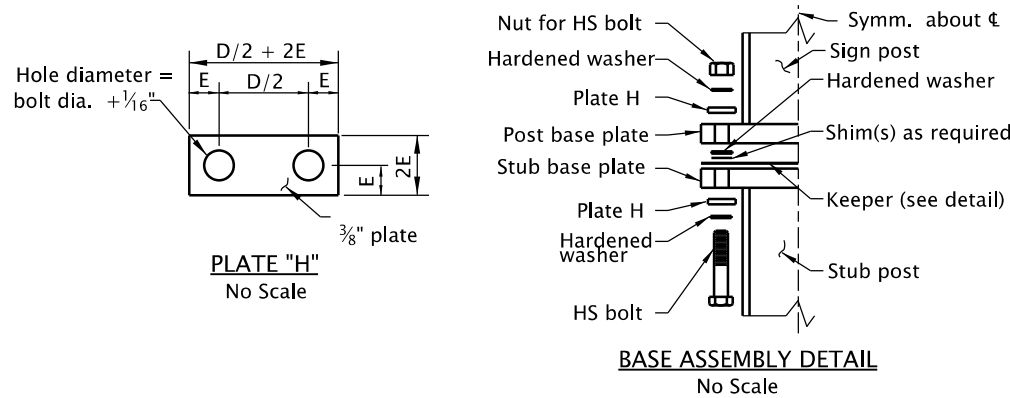


Post & Stub	Hinge Data							Base Plate Data								Footing Data		Min. Footing Depth			Max. Footing Slope		
Depth & Mass/ft	Hinge ϕ t1	Slip ϕ t2	A	B	C	Hinge Bolts		Base ϕ t3	D	E	F	G	Bolt				Stub Length	V bars	2'-0" dia.	3'-0" dia.	4'-0" dia.	Rise per ft. "Y"	Grade
						Dia.	Length						dia.	"T1" Torque	"T2" Torque	Length							
W6 x 9	$\frac{3}{8}$ "	$\frac{3}{8}$ "	4"	$\frac{7}{8}$ "	2 $\frac{1}{4}$ "	$\frac{3}{4}$ "	2"	1"	4 $\frac{1}{4}$ "	$\frac{3}{4}$ "	8 $\frac{1}{2}$ "	10"	$\frac{5}{8}$ "	150 ft.-lb.	50 ft.-lb.	4 $\frac{1}{4}$ "	2'-0"	#4	4'-9"	—	—	12"	1V:1.00H
W6 x 12	$\frac{3}{8}$ "	$\frac{3}{8}$ "	4"	$\frac{7}{8}$ "	2 $\frac{1}{4}$ "	$\frac{3}{4}$ "	2"	1"	4 $\frac{1}{2}$ "	$\frac{3}{4}$ "	8 $\frac{1}{2}$ "	10"	$\frac{5}{8}$ "	150 ft.-lb.	50 ft.-lb.	4 $\frac{1}{4}$ "	2'-4"	#5	5'-6"	—	—	11 1/4"	1V:1.07H
W6 x 15	$\frac{3}{8}$ "	$\frac{1}{2}$ "	6"	1 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	$\frac{7}{8}$ "	2 $\frac{1}{2}$ "	1"	6 $\frac{1}{4}$ "	$\frac{7}{8}$ "	8 $\frac{1}{2}$ "	10 $\frac{1}{4}$ "	$\frac{3}{4}$ "	280 ft.-lb.	70 ft.-lb.	4 $\frac{1}{2}$ "	2'-8"	#6	6'-6"	—	—	7 1/4"	1V:1.66H
W8 x 18	$\frac{1}{2}$ "	$\frac{1}{2}$ "	5 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "	2 $\frac{3}{4}$ "	$\frac{7}{8}$ "	2 $\frac{1}{2}$ "	1 $\frac{3}{8}$ "	5 $\frac{1}{2}$ "	$\frac{7}{8}$ "	11 $\frac{3}{4}$ "	1'-1 $\frac{1}{2}$ "	$\frac{3}{4}$ "	280 ft.-lb.	70 ft.-lb.	5"	3'-0"	#7	8'-0"	6'-6"	—	8 1/2"	1V:1.41H
W8 x 21	$\frac{1}{2}$ "	$\frac{5}{8}$ "	5 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "	2 $\frac{3}{4}$ "	1"	2 $\frac{3}{4}$ "	1 $\frac{3}{8}$ "	6"	1"	11 $\frac{3}{4}$ "	1'-1 $\frac{3}{4}$ "	$\frac{7}{8}$ "	450 ft.-lb.	80 ft.-lb.	5 $\frac{1}{4}$ "	3'-4"	#8	8'-9"	7'-0"	—	7 1/2"	1V:1.60H
W10 x 22	$\frac{1}{2}$ "	$\frac{5}{8}$ "	5 $\frac{3}{4}$ "	1 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	1"	2 $\frac{3}{4}$ "	1 $\frac{3}{8}$ "	6"	1"	1'-1 $\frac{1}{2}$ "	1'-3 $\frac{1}{2}$ "	$\frac{7}{8}$ "	450 ft.-lb.	80 ft.-lb.	5 $\frac{1}{4}$ "	3'-8"	#8	10'-3"	7'-9"	6'-6"	7 1/2"	1V:1.60H
W10 x 26	$\frac{1}{2}$ "	$\frac{5}{8}$ "	5 $\frac{3}{4}$ "	1 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	1 $\frac{1}{8}$ "	3"	1 $\frac{3}{8}$ "	7"	1 $\frac{1}{8}$ "	1'-1 $\frac{1}{2}$ "	1'-3 $\frac{3}{4}$ "	1"	680 ft.-lb.	90 ft.-lb.	5 $\frac{1}{2}$ "	4'-0"	#9	11'-0"	8'-9"	7'-3"	6 3/8"	1V:1.88H
W12 x 26	$\frac{1}{2}$ "	$\frac{5}{8}$ "	6 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "	3"	1 $\frac{1}{2}$ "	7"	1 $\frac{1}{8}$ "	1'-3 $\frac{1}{2}$ "	1'-5 $\frac{3}{4}$ "	1"	680 ft.-lb.	90 ft.-lb.	5 $\frac{3}{4}$ "	4'-4"	#10	12'-3"	9'-6"	8'-0"	6 3/8"	1V:1.88H
W12 x 30	$\frac{1}{2}$ "	$\frac{5}{8}$ "	6 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	3"	1 $\frac{1}{2}$ "	8"	1 $\frac{1}{4}$ "	1'-3 $\frac{1}{2}$ "	1'-6"	1 $\frac{1}{8}$ "	840 ft.-lb.	100 ft.-lb.	5 $\frac{3}{4}$ "	4'-8"	#11	13'-3"	10'-6"	8'-9"	5 3/8"	1V:2.23H
W14 x 30	$\frac{1}{2}$ "	$\frac{5}{8}$ "	6 $\frac{3}{4}$ "	1 $\frac{1}{2}$ "	3 $\frac{3}{4}$ "	1 $\frac{1}{4}$ "	3"	1 $\frac{1}{2}$ "	8"	1 $\frac{1}{4}$ "	1'-5 $\frac{1}{2}$ "	1'-8"	1 $\frac{1}{8}$ "	840 ft.-lb.	100 ft.-lb.	5 $\frac{3}{4}$ "	5'-0"	#11	13'-9"	10'-9"	9'-0"	5 1/2"	1V:2.18H

Notes:
1. See TM635 for placement of signs.
2. See TM600 for Additional details and bolting procedures.



Accompanied by Std. Dwgs. TM220, TM600, TM635, TM675

<i>The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.</i>	All materials shall be in accordance with the current Oregon Standard Specifications.	
	OREGON STANDARD DRAWINGS	
	MULTI-POST BREAKAWAY SIGN SUPPORTS DETAILS	
	2024	
DATE	REVISION DESCRIPTION	
01-2024	ADDED "TYP." AND ADDED FILLET WELD ON BEVELED SIDE OF BASE PLATE WELD.	
CALC. BOOK NO. — 1493 —	SDR DATE— 19-JAN-2024 —	TM601

Effective Date: June 1, 2026 – November 30, 2026