

GENERAL NOTES:

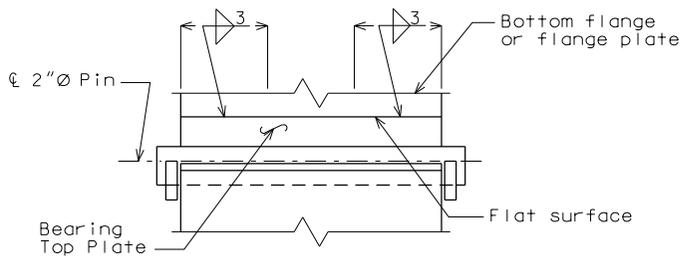
Anchor bolts for Type D bearings shall be \varnothing ASTM F1554 Grade 55 swedged bolts and shall extend into the concrete with ASTM A563 Grade A Hex or Heavy Hex nuts. Actual manufacturer's certified mill test reports (chemical and mechanical) shall be provided. Use ASTM F436 hardened washers for the fixed bearings and no heavy hexagon nuts or hardened washers for the expansion bearings. Swedging shall be 1" less than extension into the concrete.

Anchor bolts, hardened washers and heavy hexagon nuts shall be coated with a minimum of two coats of inorganic zinc primer (5 mils minimum).

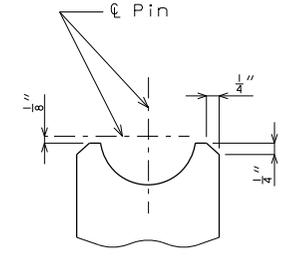
Weight of the anchor bolts, hardened washers and heavy hexagon nuts for bearings are included in the weight of the Fabricated Structural Steel.

" \curvearrowright " Indicates machine finish surface.

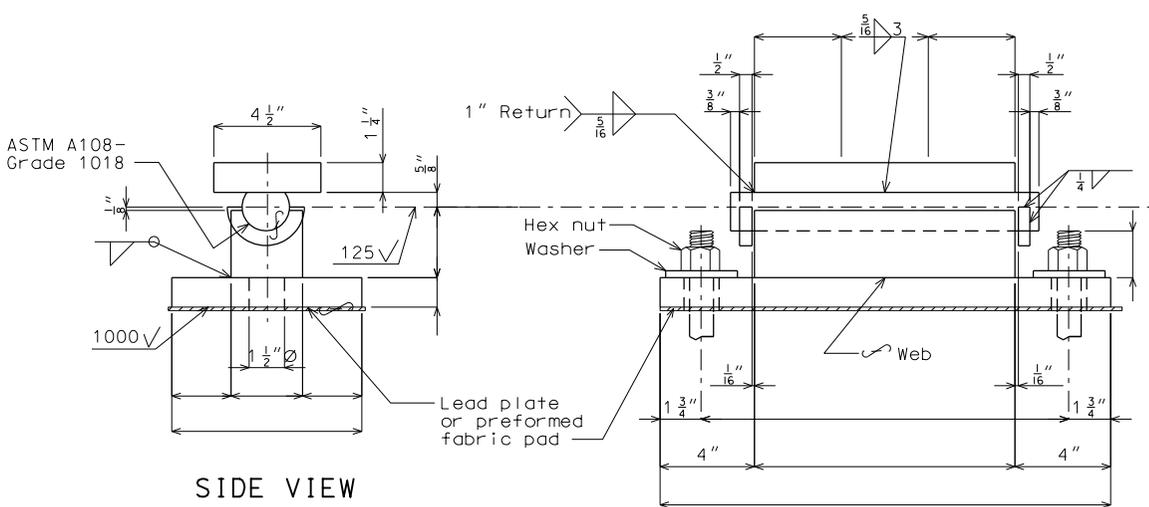
Shop drawings are not required for the lead plates and the preformed fabric pads.



WELDING DETAILS



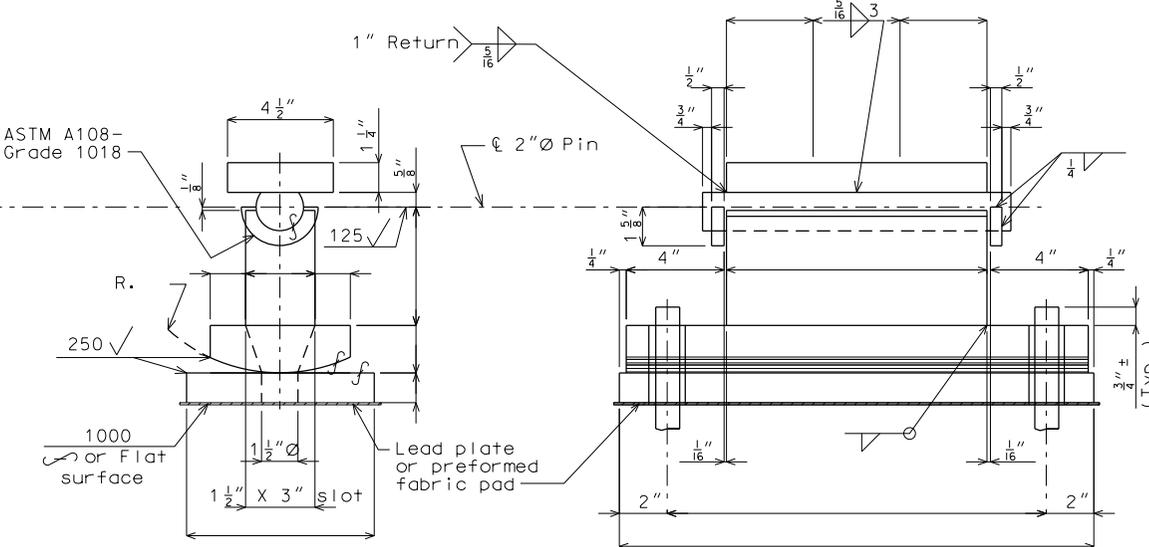
END VIEW OF WEB



SIDE VIEW

END VIEW

FIXED
Number Required:

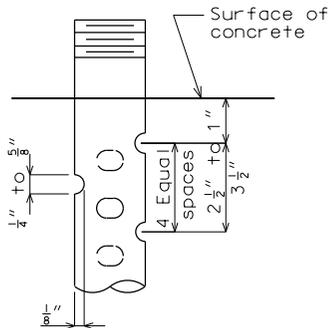


SIDE VIEW

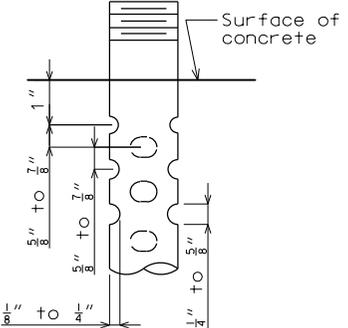
END VIEW

EXPANSION
Number Required:

TYPE D BEARINGS
(Estimated Weight pounds)



DETAIL FOR 3/8" \varnothing THRU 2 1/2" \varnothing ANCHOR BOLTS



OPTIONAL DETAIL FOR 1 3/8" \varnothing THRU 2 1/2" \varnothing ANCHOR BOLTS

SWEDGE ANCHOR BOLTS DETAILS

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 12/18/2013	
ROUTE *	STATE MO
DISTRICT BR	SHEET NO. *
COUNTY *	
JOB NO. *	
CONTRACT ID.	
PROJECT NO.	

BRIDGE NO. BRG 2

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)