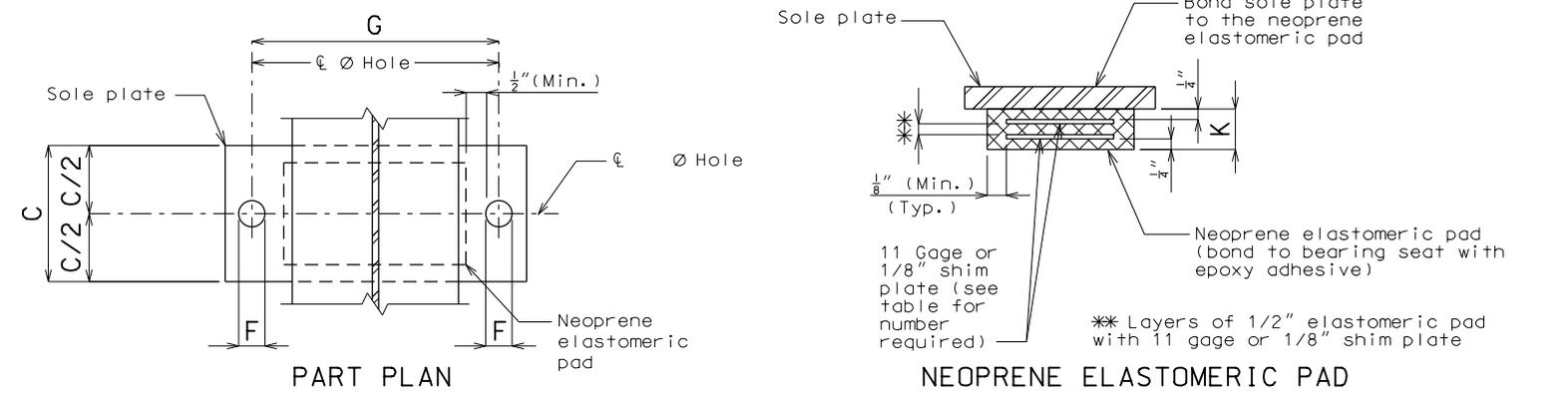
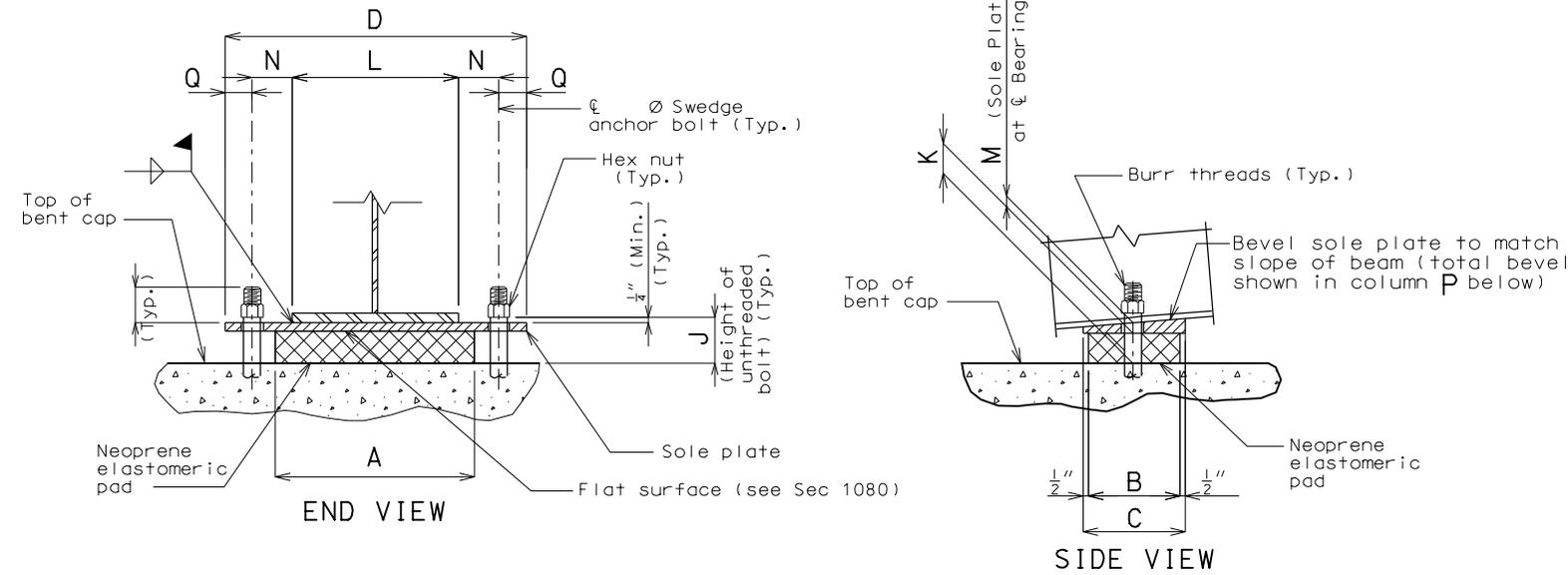


SWEDGE ANCHOR BOLT DETAILS



Standard Drawing Guidance:
(do not show on plans.)

① Use note H3.49 or H3.49.1.
Check with Structural Project Manager.
H3.49 is shown.

GENERAL NOTES:

- Anchor bolts shall be \varnothing ASTM F1554 Grade 55 swaged 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. Swedging shall be 1" less than extension into the concrete.
- All structural steel for the anchor bolts and heavy hexagon nuts shall be coated with a minimum of two coats of inorganic zinc primer (5 mils minimum).
- Neoprene Elastomeric Pads shall be Durometer.
- Structural steel for sole plate shall be ASTM A709 Grade and shall be coated with a minimum of two coats of inorganic zinc primer (5 mils minimum).
- Laminated Neoprene Bearing Pad Assembly shall be in accordance with Sec 716.

FIXED BEARINGS													NUMBER OF SHIM PLATES *	NUMBER REQUIRED		
BENT NO.	A	B	C	D	F	G	J	K	L	M	N	P			Q	
* The required shim plate shall be placed between layers of elastomer and molded together to form an integral unit.														TOTAL BEARINGS		

DETAILS OF LAMINATED NEOPRENE BEARING PAD ASSEMBLY

Note: This drawing is not to scale. Follow dimensions. Sheet No. of

"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 8
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)