

GENERAL NOTES:

1. PAD AND MATERIALS SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, DATED 2005 AND THE LATEST REVISIONS, INCLUDING SUPPLEMENTARY SPECIFICATIONS, CONTRACT PLANS, AND THE SPECIAL PROVISIONS. GENERAL SHOP PRACTICES, STRUCTURAL FABRICATION, WELDING AND ASSEMBLY SHALL BE GOVERNED BY AWS/AASHTO/AWS D1.5 BRIDGE WELDING CODE.

2. THESE SHOP DRAWINGS ARE PREPARED IN ACCORDANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. THE D.S. BROWN COMPANY DOES NOT ACCEPT LIABILITY FOR THE DESIGN OF THE PRODUCTS DETAILED IN THESE SHOP DRAWINGS.

3. THE D.S. BROWN COMPANY TO SUPPLY ONLY THE PARTS SHOWN ON THESE DRAWINGS.

4. ALL STEEL SHALL BE PRODUCED IN THE UNITED STATES OF AMERICA.

5. ALL CORNERS AND EDGES OF STEEL PLATES SHALL BE GROUND TO A 1/16" RADIUS.

6. THE BEARINGS SHALL BE SUBJECTED TO RANDOM IN-HOUSE ELASTOMER TESTING AND IN-HOUSE PROOF LOAD TESTING IN ACCORDANCE WITH AASHTO DIVISION I, SECTION 14 METHOD "A" AND AASHTO DIVISION II, SECTION 18.

7. ALL SPECIFIED STEEL TO BE GALVANIZED SHALL BE IN ACCORDANCE WITH ASTM A123 SPECIFICATIONS. REPAIR OF DAMAGED HOT DIPPED GALVANIZING PER ASTM A780.

8. WELDING PROCEDURES SHALL BE ESTABLISHED BY THE CONTRACTOR TO RESTRICT THE TEMPERATURE TO A MAXIMUM OF 93°C (200°F) FOR SURFACES IN CONTACT WITH THE ELASTOMER. TEMPERATURES SHALL BE DETERMINED BY TEMPERATURE INDICATING WAX PENCILS OR OTHER SUITABLE MEANS.

9. BEARING SHALL BE MARKED WITH BEARING LOCATION. ALL MARKS SHALL BE PERMANENT AND SHALL BE VISIBLE AFTER THE BEARING IS INSTALLED.

10. DS BROWN MAY SUBSTITUTE M270 (709) GR. 50W FOR M270 (709) GR. 50 DUE TO AVAILABILITY AT NO ADDITIONAL COST TO THE OWNER OR CONTRACTOR.

TOLERANCE TABLE	
DESCRIPTION (ELASTOMER)	TOLERANCE
ELECTRIFIC BEARING RESIN THICKNESS $\pm 1.50\mu$	$\pm 1.0\mu$ - 0
ELECTRIFIC BEARING PLAN $\pm 30^\circ$	$\pm 1.0^\circ$ - 0
ELECTRIFIC BEARING PLAN $\pm 1.50^\circ$	$\pm 1.0^\circ$ - 0
ELECTRIFIC COVER TOP & BOTTOM	$\pm 1.0^\circ$ - 0
ELECTRIFIC COVER SIDES	$\pm 1.0^\circ$ - 0
INDICATORS OF INDIVIDUAL LAYERS OF ELASTOMER LAMINATED SPRINGS	
WELD AT POINT BETWEEN THE SPRING	$\pm 1.0^\circ$
VARIATION FROM A PLANE PARALLEL TO THE THEORETICAL SURFACE	
CAN BE DETERMINED BY MEASUREMENTS AT THE EDGE OF THE BEARING	
TOP	± 0.005 rad
SIDES	$\pm 1.0^\circ$
POSITION OF EXPRESSED CONNECTION MEMBERS	
EDGE EDGES OF EXPRESSED LAMINATES OF CONNECTION MEMBERS	$\pm 1.0^\circ$ - 0
TOP OF VERTICAL SURTS, OR INVERT	$\pm 1.0^\circ$ - 0
POSITION OF HOLE, SURTS, OR INVERTS	$\pm 1.0^\circ$
STEEL PLATE PLAIN DISPOSITIONS	
SIZE OF HOLE THICKNESS	$\pm 1.0^\circ$
HOLE OR SURTS LOCATION	$\pm 1.0^\circ$
SIZE OF VERTICAL SURTS	$\pm 1.0^\circ$
STEEL PLATE REVEALED SURTS	± 0.005 rad
PLATE SURTS	0.005

FLATNESS TOLERANCE	
CLASS	X NOM. DIM.
A	0.001
B	0.002
C	0.005

STRUCTURES
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RESUBMIT _____ APPROVED ☒
BY RSY DATE 10/13/2011

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