

GENERAL NOTES:

1. PAD AND MATERIALS SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, DATED 2008 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 GROUNDED 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 1B.
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 830C (2000F) 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) OR 50W FOR M270 (709) OR 50 DUE TO AVAILABILITY AT NO ADDITIONAL COST TO THE OWNER OR CONTRACTOR.

TOLERANCE TABLE	
DESCRIPTION (ELASTOMER)	TOLERANCE
ELASTOMERIC BEARING SECTION THICKNESS $\leq 1.00"$	$+ 1/16", -0$
ELASTOMERIC BEARING PLAN $\times 3/4"$	$+ 1/16", -0$
ELASTOMERIC BEARING PLAN $\times 3/4"$	$+ 1/16", -0$
ELASTOMERIC CENTER TOP & BOTTOM	$+ 1/16", -0$
ELASTOMERIC CORNER STILES	$+ 1/16", -0$
THICKNESS OF INDIVIDUAL LAYERS OF ELASTOMER LAMINATED BEARINGS	
ONLY AT ANY POINT WITHIN THE BEARING	$\pm 1/8"$
VARIATION FROM A PLANE PARALLEL TO THE THEORETICAL SURFACE	
CAS DETERMINED BY MEASUREMENTS AT THE EDGE OF THE BEARING	
TOP	$\pm 0.005 \text{ rad}$
SIDES	$\pm 1/4"$
POSITION OF EXPOSED CONNECTION MEMBERS	
EDGE CORNER IF EXPOSED LAMINATES OF CONNECTION MEMBERS	$+ 1/8", -0$
SIZE OF HOLES, SLOTS, OR INSERTS	$\pm 1/16"$
POSITION OF HOLES, SLOTS, OR INSERTS	$\pm 1/16"$
STEEL PLATE PLAN DIMENSIONS	$\pm 1/16"$
STEEL PLATE THICKNESS	$\pm 1/16"$
HOLE OR SLOT LOCATION	$\pm 1/16"$
SIZE OF HOLES & SLOTS	$\pm 1/16"$
STEEL PLATE BEVELED SLOPE	$\pm 0.005 \text{ RAD}$
STEEL PLATE SURFACE FINISH	CLASS A

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

STRUCTURES
COPY

RECEIVED
OCT 12 2011
RESUBMIT APPROVED
BY RSY DATE 10/13/2011



REV	DESCRIPTION	DATE	DET	CHK
	LOCATION — RITE VT ON BRIDGE 60 MILES NE OF ORANGE/ROSBURY TOWN LINE			
	BRIDGE — 15			
	PROJECT NO. — BNF (HISTOR)			
	PROJECT NAME — ROXBURY			
	DESIGNER — VT DOT			
	CUSTOMER — LUCK BROS. INC.			
GENERAL NOTES				
WASHINGTON CO., VT				
PLT.S.	DA	ANK	10/6/11	
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