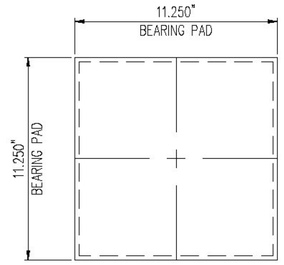
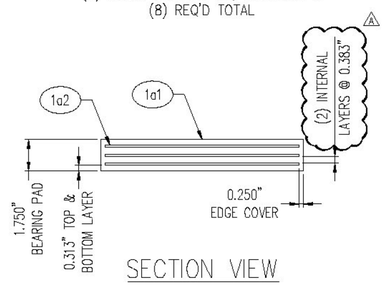
MK	QTY	DESCRIPTION	MATERIAL	LENGTH	REMARKS	WT*	REV
1A	8	ELASTOMERIC BEARING	49531.1103.1			21	
1a1	8	1.750" X 11.250"	NATURAL RUBBER	11.250"	110 PSI +/-15% GR. 3	9	
1a2	24	11 GA. X 10.750"	A1011 GR 36	10.750"	PLAIN	4	A
		*Approx. Gross Wt. Lbs Per Single Unit			4/7/2016 4:19:12 PM		

TOLERANCE TABLE	
DESCRIPTION	TOLERANCE (INCHES U.N.O.)
ELASTOMERIC BEARING DESIGN THICKNESS ≤ 1.250"	−0, +0.1181
ELASTOMERIC BEARING DESIGN THICKNESS > 1.250"	−0, +0.2362
ELASTOMERIC BEARING PLAN DIMENSIONS ≤ 36"	−0, +0.2362
ELASTOMERIC BEARING PLAN DIMENSIONS > 36"	−0, +0.4724
THICKNESS OF INDIVIDUAL LAYERS OF ELASTOMER (LAMINATED BEARINGS ONLY) AT ANY POINT WITHIN THE BEARING	±0.1181
VARIATION FROM A PLANE PARALLEL TO THE THEORETICAL SURFACE (AS DETERMINED BY MEASUREMENTS AT THE EDGE OF THE BEARINGS) (PARALLELISM):	
TOP & BOTTOM	±0.005 RAD
SIDES	±0.2362
POSITION OF EXPOSED CONNECTION MEMBERS	±0.1181
ELASTOMERIC EDGE COVER	−0, +0.1181
ELASTOMERIC BEARING HOLE OR SLOT SIZE	±0.1181
ELASTOMERIC BEARING HOLE OR SLOT LOCATION	±0.1181



1A – PLAN VIEW
LAMINATED ELASTOMERIC BEARING
(4) REQ'D @ BRIDGE 68, ABUTMENT 1
(4) REQ'D @ BRIDGE 68, ABUTMENT 2
(8) REQ'D TOTAL



SECTION VIEW

GENERAL NOTES:

1. MATERIALS SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2011 AND THE LATEST REVISIONS, INCLUDING SUPPLEMENTARY SPECIFICATIONS, CONTRACT PLANS, AND THE SPECIAL PROVISIONS.
2. THIS SHOP DRAWING WAS 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 THIS SHOP DRAWING.
3. THE D.S. BROWN COMPANY TO SUPPLY ONLY THE PARTS SHOWN ON THIS DRAWING.
4. ALL BEARINGS SHALL BE ENCASED IN CONCRETE IN THE FIELD. IN CONFORMANCE WITH THE SPECIAL PROVISIONS NO TESTING IS REQUIRED FOR FULLY ENCASED BEARINGS.
5. IN ACCORDANCE WITH STATE SPECIFICATIONS, THE FABRICATOR SHALL HAVE THE OPTION TO USE NEOPRENE OR NATURAL RUBBER FOR THE ELASTOMER.
6. INTERNAL ALIGNMENT PINS: AFTER FABRICATION, HOLES TO BE FILLED WITH ELASTOMER EQUIVALENT TO THAT USED IN THE MANUFACTURE OF THE PAD.
7. WELDING PROCEDURES, IF APPLICABLE, SHALL BE ESTABLISHED BY THE CONTRACTOR TO RESTRICT THE MAXIMUM TEMPERATURE REACHED BY SURFACES IN CONTACT WITH THE ELASTOMER TO 200°F (93°C). TEMPERATURES SHALL BE DETERMINED BY TEMPERATURE INDICATING WAX PENCILS OR OTHER SUITABLE MEANS.

REV.	DESCRIPTION	DATE	DET.	CKD.
A	SHIM THICKNESS CHANGE	4/7/16	RTP	ECW

Vermont Agency of Transportation
RECEIVED
Waterbury BRF 013-1(15) - Elastomeric Bearing Shop Drawing 002.pdf
CK'D BY D. PETERSON OK'D BY C. CARLSON
April 11, 2016
RESUBMIT NO Approved
BY C. CARLSON DATE 04/11/2016

D.S. BROWN
A GIBRALTAR INDUSTRIES COMPANY
THE D.S. BROWN COMPANY
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NORTH BALTIMORE, OHIO 45872
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ITEM	QUANTITY
LOCATION — WARDSBORO	–
BRIDGE — 68	–
PROJECT — BRF 013-1(15)	–
—	–
—	–
—	–
CUSTOMER — RENAUD BROTHERS	–
	–

DESCRIPTION: VERSIFLEX ELASTOMERIC BEARING
WINDHAM CO., VT

SCALE:	DRAWN BY:	CHECKED BY:	DATE:	BRIDGE SHEET:
N.T.S.	RTP	ECW	3/23/2016	–

PROJECT NUMBER	PRODUCT CODE	RELEASE	SHEET
49531	1103	1	01