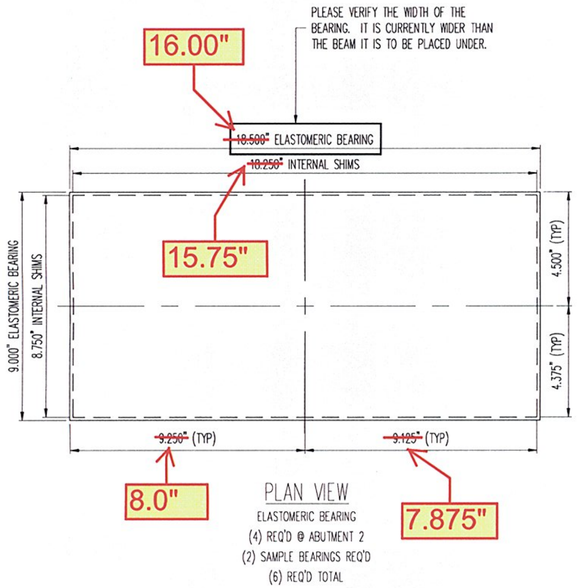
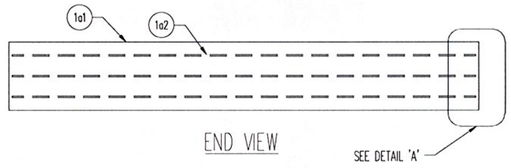




LOAD DATA	
DEAD LOAD (KIPS)	77.1
LIVE LOAD (KIPS)	–
TOTAL LOAD (KIPS)	77.1

GENERAL NOTES:

1. PAD AND MATERIALS SHALL CONFORM TO THE STATE OF VERMONT, AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, DATED 2006 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 ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE.

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 STEEL SHALL BE PRODUCED IN THE UNITED STATES OF AMERICA.

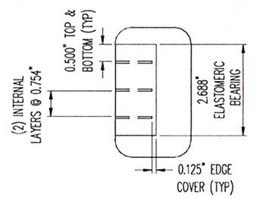
5. THE BEARINGS SHALL BE SUBJECTED TO RANDOM IN-HOUSE ELASTOMER TESTING AND IN-HOUSE PROOF LOAD TESTING IN ACCORDANCE WITH AASHTO LRFD DESIGN SPECIFICATIONS, SECTION 14 (METHOD "A") AND AASHTO LRFD CONSTRUCTION SPECIFICATIONSI, SECTION 18.

6. TESTING SHALL BE IN ACCORDANCE WITH AASHTO M251.

MK	QTY	DESCRIPTION	MATERIAL	LENGTH	REMARKS	REV
1A	6	ELASTOMERIC BEARING			4 + 2 SAMPLES	-
1a1	6	2.688" X ~~18.500"~~	NATURAL RUBBER	9.000"	50+/-5 DURO GR.4	-
1a2	18	16 GA. X ~~18.250"~~	A1011 GR 36	8.750"	PLAIN	-
					10/27/2011 11:38:51 AM	

16.0"
15.75"

TOLERANCE TABLE	
DESCRIPTION (ELASTOMER)	TOLERANCE
ELASTOMERIC BEARING DESIGN THICKNESS > 1.250"	+ 1/4", -0
ELASTOMERIC BEARING PLAN ≤ 36"	+ 1/4", -0
ELASTOMERIC BEARING PLAN > 36"	+ 1/2", -0
ELASTOMERIC COVER TOP & BOTTOM	+ 1/8", -0
ELASTOMERIC COVER SIDES	+ 1/8", -0
THICKNESS OF INDIVIDUAL LAYERS OF ELASTOMER (LAMINATED BEARINGS	
ONLY) AT ANY POINT WITHIN THE BEARING	± 1/8"
VARIATION FROM A PLANE PARALLEL TO THE THEORETICAL SURFACE	
(AS DETERMINED BY MEASUREMENTS AT THE EDGE OF THE BEARINGS)	
TOP	± 0.005 rad
SIDES	± 1/4"
POSITION OF EXPOSED CONNECTION MEMBERS	± 1/8"
EDGE COVER OF EMBEDDED LAMINATES OF CONNECTION MEMBERS	+ 1/8", -0
SIZE OF HOLES, SLOTS, OR INSERTS	± 1/8"
POSITION OF HOLES, SLOTS, OR INSERTS	± 1/8"



DETAIL 'A'

Vermont Agency of Transportation
RECEIVED
CK'D BY U.Stanley OK'D BY C. Carlson
NOV. 02 2011
RESUBMIT APPROVED As Noted
BY CWC DATE 11/8/11

REV.	DESCRIPTION	DATE	DET.	CKD.

D.S. BROWN
THE D.S. BROWN COMPANY
300 E. CHERRY STREET
NORTH BALTIMORE, OHIO 45872
419.257.3561
FAX: 419.257.0332
WWW.DSBROWN.COM

LOCATION — VT RT 12 OVER LOCUST CREEK
PROJ. NAME — BETHEL
PROJECT NO. — BHF 0241(30)
—
P.O. NO. — C-3190
—
CUSTOMER — WINTERSET, INC

ITEM	QUANTITY
34421-1103-2	6 OF 6
–	–
–	–
–	–
–	–
–	–
–	–
–	–
–	–

DESCRIPTION: VERSIFLEX ELASTOMERIC BEARING WINDSOR CO., VT

SCALE:	DRAWN BY:	CHECKED BY:	DATE:	
N.T.S.	NRA	ANK	10/28/11	
PROJECT NUMBER	PRODUCT CODE	RELEASE	SHEET	
34421	1103	1	01	