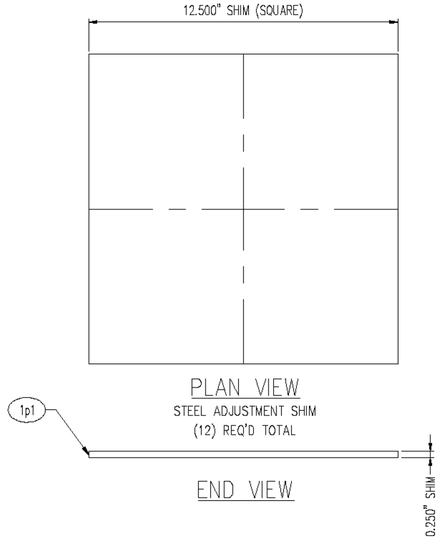
AASHTO M270 Gr. 36 or
ASTM A709 Gr. 36

MK	QTY	DESCRIPTION	MATERIAL	LENGTH	REMARKS	WT*	REV
1A	12	STEEL SHIMS	49123.1107.1			11	
1p1	12	0.250" X 12.500"	M183 (A36)	12.500"	M111-HDG (A123)	11	
		*Approx. Gross Wt. Lbs Per Single Unit			2/11/16 11:23:42 AM		



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 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 FOR GALVANIZING.

6. ALL EXTERNAL STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M111 AND M232 (ASTM 123 & 153) SPECIFICATIONS. IN ACCORDANCE WITH SECTION 726.08 OF THE STANDARD SPECIFICATIONS, REPAIR DAMAGED HOT DIPPED GALVANIZING PER ASTM A780, ANNEX A2. THE PAINT USED IN THE REPAIR SHALL BE ORGANIC-ZINC, CONTAINING 92% MINIMUM ZINC BY WEIGHT IN THE DRY FILM. THE PAINT SHALL BE APPLIED PER MANUFACTURER'S RECOMMENDATIONS TO A THICKNESS EQUIVALENT TO THE SURROUNDING GALVANIZING.

7. GALVANIZATION LIFTING DEVICES MAY BE WELDED TO PARTS IF NECESSARY. WHEN THEIR USE IS COMPLETE, REMOVE AND GRIND FLUSH ALL CONNECTION LOCATIONS. REPAIR AREA PER ASTM A780, ANNEX A2.

8. BEARING MANUFACTURING FACILITY AND REPRESENTATIVE FOR COORDINATING PRODUCTION:
   THE D.S. BROWN COMPANY
   300 EAST CHERRY STREET
   NORTH BALTIMORE, OHIO 45872
   CSR - MARCIE THOMPSON - (419) 257-3561

MARKING NOTES:

1. EACH BEARING SHALL BE PERMANENTLY MARKED. THE MARKING SHALL CONSIST OF MARK ON THE TOP SURFACE. WHERE POSSIBLE, THE MARKING SHALL BE ON A FACE WHICH IS VISIBLE AFTER ERECTION OF THE STRUCTURE.

TOLERANCE TABLE	
DESCRIPTION	TOLERANCE (INCHES U.N.O.)
STEEL PLATE THICKNESS	±0.063
STEEL PLATE PLAN DIMENSIONS ≤ 30"	±0.250
STEEL PLATE PLAN DIMENSIONS > 30"	±0.250
STEEL PLATE FLATNESS IN CONTACT WITH BEARING	0.001 X NOM. DIMENSION
STEEL PLATE FLATNESS: GROUT OR CONCRETE SIDE	0.005 X NOM. DIMENSION
STEEL PLATE FLATNESS: STEEL GIRDER SIDE	0.002 X NOM. DIMENSION
STEEL PLATE FLATNESS: STEEL PLATE SIDE	0.001 X NOM. DIMENSION
STEEL PLATE SURFACE FINISH IN CONTACT WITH BEARING	125 μ" RMS
ALL TOLERANCES ARE PRIOR TO COATING	

Vermont Agency of Transportation
RECEIVED
CK'D BY JG OK'D BY GL
February 15, 2016
RESUBMIT NO Approved AsNoted
BY KH DATE 2-17-2016

D.S. BROWN
A GIBRALTAR INDUSTRIES COMPANY

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

REV.	DESCRIPTION	DATE	DET.	CKD.

LOCATION — WALKER MOUNTAIN RD
BRIDGE — 11
PROJECT — BRO 1443 (48)
PROJECT NAME — CLARENDON
P.O. NO. — JAM 11615
DESIGNER — VTDOT
CUSTOMER — J.A. McDONALD

ITEM	QUANTITY
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DESCRIPTION:
STEEL ADJUSTING SHIMS
RUTLAND COUNTY, VT

SCALE:	DRAWN BY:	CHECKED BY:	DATE:	
N.T.S.	SP	ECW	2/16	–
PROJECT NUMBER		PRODUCT CODE	RELEASE	SHEET
49123		1107	–	01