TOLERANCE TABLE	
SOLE PL. PLAN DIMENSIONS	±1.6
SOLE PL. THICKNESS	±1.6
HOLE LOCATION	±1.6
PTFE THICKNESS	±1.6
PTFE PLAN DIMENSION, TOTAL DESIGN AREA	±1.6
STAINLESS STEEL FINISH	≤20μ' RMS #8 MIRROR

TOLERANCE NOTES

BEARING SURFACES SHALL BE FLAT WITH A MAXIMUM PERMISSIBLE VARIATION OF 0.25mm FROM A PLANE DETERMINED BY ANY THREE CORNERS OF THE PLATE

FOR STAINLESS STEEL MATING TO PTFE BONDED TO FABRIC BEARING PAD MATERIAL THE TOLERANCE SHALL BE 0.25mm FROM A PLANE DETERMINED BY ANY THREE CORNERS OF THE PLATE.

GENERAL NOTES

1 MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE VERMONT AGENCY OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2006 EDITION", SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, THE CONTRACT PLANS AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, DATED 2002 AND ITS LATEST REVISIONS. GENERAL SHOP PRACTICES, STRUCTURAL FABRICATION, WELDING AND ASSEMBLY SHALL BE GOVERNED BY ANSI/AASHTO/AWS D1.5 BRIDGE WELDING CODE

2. THESE SHOP DRAWINGS WERE 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 THIS DRAWING

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

5. PTFE (TEFLON) SHALL BE VIRGIN, UNFILLED POLYTETRAFLUOROETHYLENE SATISFYING THE REQUIREMENTS OF ASTM D4894

6 PTFE IS TO BE PURCHASED ETCHED ON ONE SIDE FOR BONDING THE BONDING PROCESS FOR LAMINATING PTFE TO THE FABRIC PAD IS AS FOLLOWS THE FABRIC PAD SURFACE TO BE BONDED IS PREPARED FOR LAMINATION. A TWO-PART STRUCTURAL GRADE EPOXY IS THEN APPLIED PER THE MANUFACTURE'S INSTRUCTIONS. THE PTFE IS CUT SLIGHTLY OVERSIZE TO ACCOUNT FOR POSSIBLE DRIFT THE PTFE IS THEN APPLIED TO THE FABRIC PAD AND PUT INTO A VACUUM PRESS AT THE APPROPRIATE PRESSURE FOR THE NECESSARY TIME PERIOD. ONCE THE FABRIC PAD AND PTFE IS REMOVED *FROM THE* PRESS, THE PTFE IS TRIMMED TO PLAN SIZE AND THE PADS ARE SUBMITTED FOR QUALITY CONTROL REVIEW.

7. STAINLESS STEEL SHALL CONFORM TO ASTM A240 – TYPE 304 AND SHALL BE 11GA. (3.0 mm). STAINLESS STEEL SLIDING SURFACES IN CONTACT WITH PTFE SHALL HAVE A NO 8 MIRROR FINISH AND ALL OTHERS SHALL HAVE A 2B FINFISH

8 ALL CORNERS AND EDGES OF STEEL PLATES SHALL BE GROUND TO A 1.6mm RADIUS FOR GALVANIZING

9. THE TEMPERATURE OF THE STEEL SHALL NOT EXCEED 250°F (121°C) FOR SURFACES IN CONTACT WITH THE PTFE, WHERE APPLICABLE TEMPERATURE SHALL BE CONTROLLED BY THE USE OF TEMPERATURE INDICATING CRAYON OR OTHER DEVICES APPROVED BY THE ENGINEERS.

PROTECTIVE COATING NOTES:

1. ALL STRUCTURAL STEEL SURFACES TO BE GALVANIZED SHALL BE CLEANED IN ACCORDANCE WITH SSPC-SP10.

2. ALL EXTERNAL STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123. GALVANIZATION LIFTING DEVICES MAY BE WELDED TO PARTS IF NECESSARY. WHEN THEIR USE IS COMPLETE, REMOVE AND GRIND FLUSH ALL CONNECTION LOCATIONS. REPAIR ALL GALVANIZATION IN ACCORDANCE WITH ASTM A780. GALVANIZING REPAIR PAINTS CONTAINING ALUMINUM SHALL NOT BE USED ON SURFACES TO BE IN CONTACT WITH FRESH CONCRETE.

3 ALL SURFACES DAMAGED BY FIELD WELDING OR HANDLING SHALL BE REPAIRED IN CONFORMANCE WITH SUBSECTION 513.06 (f)

RECEIVED
CK'D BY ____ OK'D BY ____
MAY 04 2009
APPROVED
BY RRW DATE 5/19/09

Structures Copy

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 — T.H 9 CL 3 (LOCAL ROAD)
BRIDGE — 48
PROJECT — BRO 1445 (25)
—
—
DESIGNER — VTDOT
CUSTOMER — PARENT CONSTRUCTION INC

ITEM	QUANTITY
–	–
–	–
–	–
–	–
–	–
–	–
–	–
–	–
–	–

DESCRIPTION
GENERAL NOTES
ADDISON CO., VT

SCALE	DRAWN BY	CHECKED BY	DATE	
N T S	NRA	DAE	4/24/09	–
PROJECT NUMBER	PRODUCT CODE	RELEASE	SHEET	
26169	1106	1	GN1	