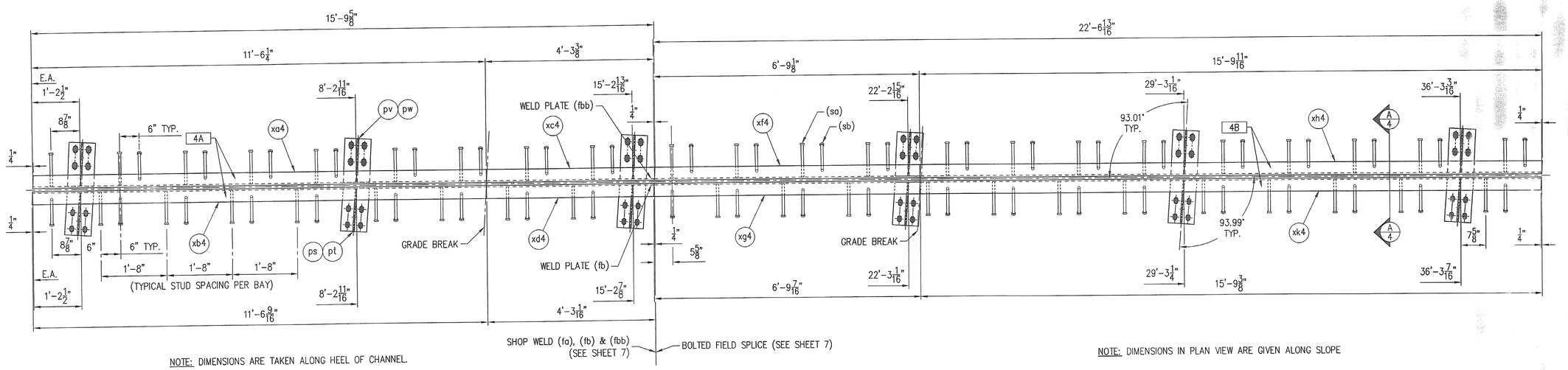


NOTE: DIMENSIONS ARE TAKEN ALONG HEEL OF CHANNEL.

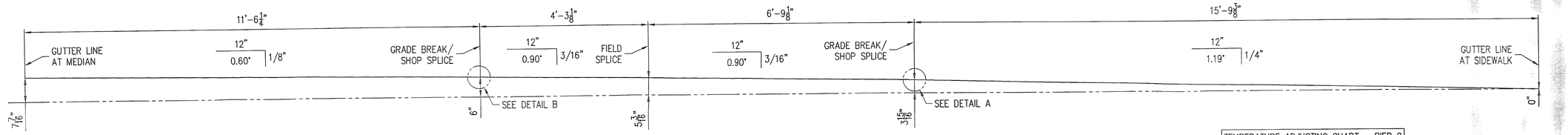
SHOP WELD (fa), (fb) & (fbb) (SEE SHEET 7)

BOLTED FIELD SPLICE (SEE SHEET 7)

NOTE: DIMENSIONS IN PLAN VIEW ARE GIVEN ALONG SLOPE

PLAN VIEW – EXPANSION JOINT

(PIER 2 – EASTBOUND)



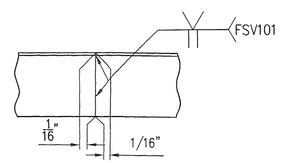
ELEVATION VIEW

(ELEVATIONS TAKEN ALONG ℄ OF JOINT)

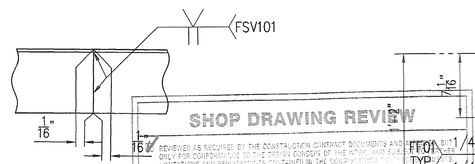
CONTRACTOR NOTE:
ALL SURFACES OF STEEL DECK JOINTS WHICH ARE TO HAVE CONCRETE PLACED AGAINST THEM, SHALL BE COATED WITH EPOXY BONDING COMPOUND. EPOXY BONDING COMPOUND TO BE PROVIDED BY THE CONTRACTOR.

APPROVER NOTE:
STOOL LENGTHS HAVE BEEN REVISED PER CONTRACTORS FIELD MEASUREMENTS TAKEN JANUARY 19, 2001.

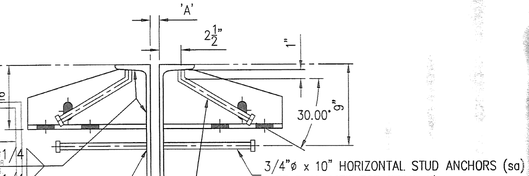
TEMPERATURE ADJUSTING CHART – PIER 2				
TEMPERATURE	45°	60°	75°	90°
DIM 'A'	1	7/8	7/8	3/4



DETAIL A



DETAIL B

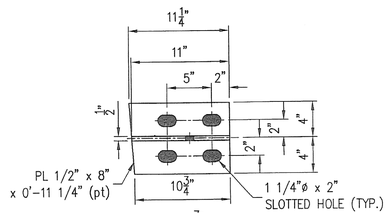


SECTION A–A

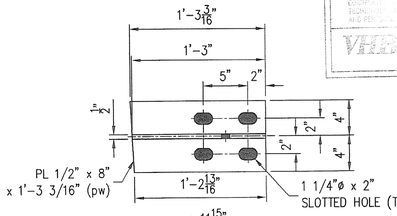
SHOP DRAWING REVIEW
REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE WORK AND GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. SUBJECT TO THE LIMITATIONS AND REMARKS CONTAINED IN THE SHOP DRAWING REVIEW LETTER.
☐ APPROVED ☐ REVISE AND RESUBMIT ☐ REJECTED
CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE CONTRACT DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS, SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.
VHB Vanasse Hangen Brustlin, Inc. Engineers, Planners, and Scientists Bedford, NH 03110 603 644 0888
Job Number: 50829
Reviewed By: ASC
Date: 2/26/01

SEE SHEET 7 FOR GENERAL NOTES

LINE	NO. REQ'D.	DESCRIPTION	LENGTH	MK	REMARKS	WGHT.	
1	1	EXPANSION JOINT ASS'Y		4A	HDG		
2	1	MC18x42.7	11'-6 1/4	xa4	REMOVE FLANGE		11-8
3	1	MC18x42.7	11'-6 9/16	xb4	REMOVE FLANGE		11-8
4	1	MC18x42.7	4'-3 3/8	xc4	REMOVE FLANGE		11-8
5	1	MC18x42.7	4'-3 1/16	xd4	REMOVE FLANGE		11-8
6	3	PL 1/2 x 6	0'-11	ps	SHAPE CUT / COPE TO FIT MC	8x42.7	19-16
7	3	PL 1/2 x 8	0'-11 1/4	pt	SHAPE CUT		19-16
8	3	PL 1/2 x 6	1'-3	pv	SHAPE CUT / COPE TO FIT MC	8x42.7	19-16
9	3	PL 1/2 x 8	1'-3 3/16	pw	SHAPE CUT		19-16
10	18	WS 3/4 x 10		sa	17		29-19
11	18	WS 3/4 x 10		sb	17 / BEND		29-19
12	2	FB 1/4 x 2	0'-2	fa			16-29
13	1	FB 1/4 x 4	1'-0	fb			16-36
14	1	FB 1/4 x 4	1'-0	fbb			16-36
15							
16							
17							
18							
19	1	EXPANSION JOINT ASS'Y		4B	HDG		
20	1	MC18x42.7	6'-9 1/8	xf4	REMOVE FLANGE		11-8
21	1	MC18x42.7	6'-9 7/16	xg4	REMOVE FLANGE		11-8
22	1	MC18x42.7	15'-9 11/16	xh4	REMOVE FLANGE		11-8
23	1	MC18x42.7	15'-9 3/8	xk4	REMOVE FLANGE		11-8
24	3	PL 1/2 x 6	0'-11	ps	SHAPE CUT / COPE TO FIT MC	8x42.7	19-16
25	3	PL 1/2 x 8	0'-11 1/4	pt	SHAPE CUT		19-16
26	3	PL 1/2 x 6	1'-3	pv	SHAPE CUT / COPE TO FIT MC	8x42.7	19-16
27	3	PL 1/2 x 8	1'-3 3/16	pw	SHAPE CUT		19-16
28	26	WS 3/4 x 10		sa	25		29-19
29	27	WS 3/4 x 10		sb	26 / BEND		29-19
30							
31							
32							
33							



DETAILS (ps) & (pt)



DETAILS (pv) & (pw)

REV.	DESCRIPTION	DATE	BY
1	GENERAL REVISION PER APPROVAL.	1/22/01	SLB

ANY AND ALL BACKCHARGES WILL BE REJECTED UNLESS WRITTEN CONSENT IS GIVEN BY LEWIS ENGINEERING COMPANY PRIOR TO ANY WORK PERFORMED FOR OUR ACCOUNT. SUCH REJECTION MEANS THAT INVOICES WILL NOT BE HONORED OR DEDUCTIONS FROM PAYMENT WILL BE CHARGED BACK.

PRELIM	11/28/00
SHOP	
APPROVAL	11/28/00
DIST.	
CUST.	
FOR PRINTS ISSUED	DATE

LEWIS ENGINEERING COMPANY
4201 NOREX DRIVE – CHASKA, MINNESOTA 55318 – (612) 368-3000

PROJECT — BRIDGE NO. 68 SOUTH BURLINGTON U.S. 2 OVER I-89
STATE PROJECT — IM DECK (36)
FEDERAL PROJECT —
CUSTOMER — J A McDONALD
LOCATION — CHITTENDEN COUNTY, VERMONT
DESCRIPTION — EXPANSION JOINT DETAILS EASTBOUND AT PIER 2

C216
W.P. chk'd
Drawn By
Chk'd. By
Date: 11/21/00

SHEET NO. 4 OF 8
Job. No. : 978.1049.1