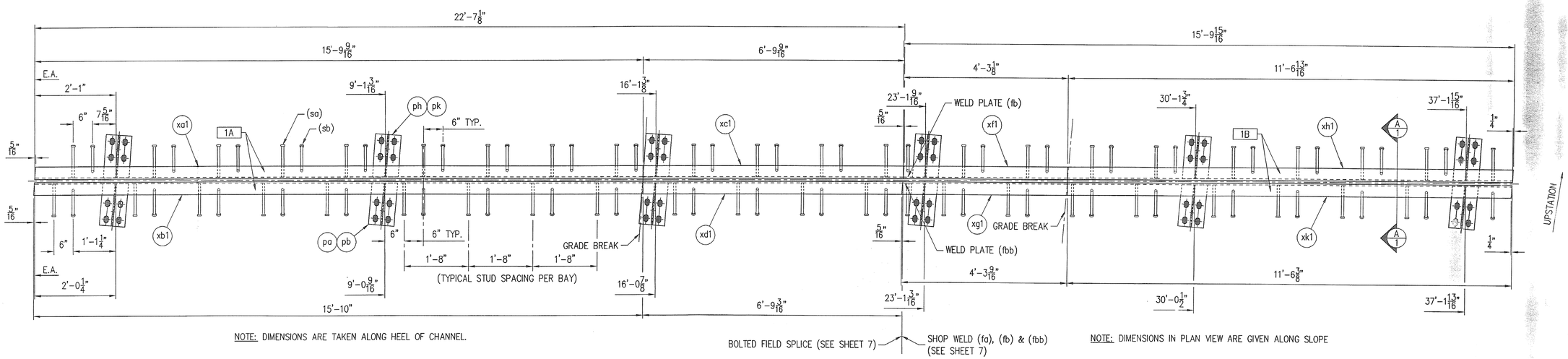


NOTE: DIMENSIONS ARE TAKEN ALONG HEEL OF CHANNEL.

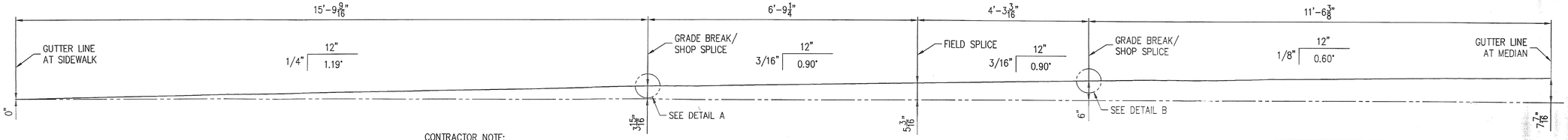
BOLTED FIELD SPLICE (SEE SHEET 7)

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

NOTE: DIMENSIONS IN PLAN VIEW ARE GIVEN ALONG SLOPE

PLAN VIEW – EXPANSION JOINT

(PIER 1 – WESTBOUND)

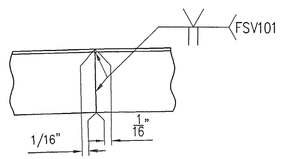


ELEVATION VIEW

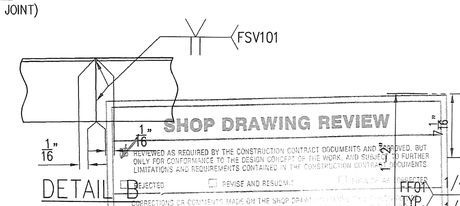
(ELEVATIONS TAKEN ALONG ℄ OF JOINT)

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.

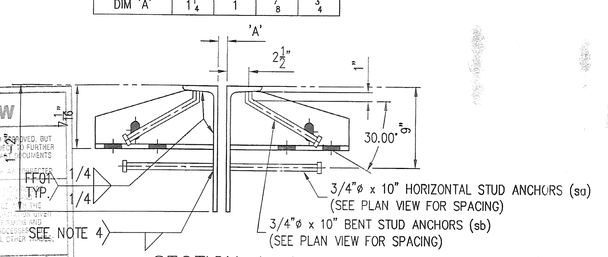


DETAIL A

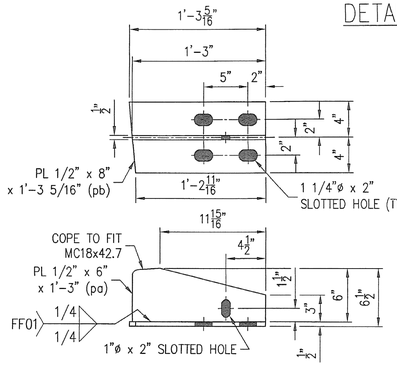


DETAIL B

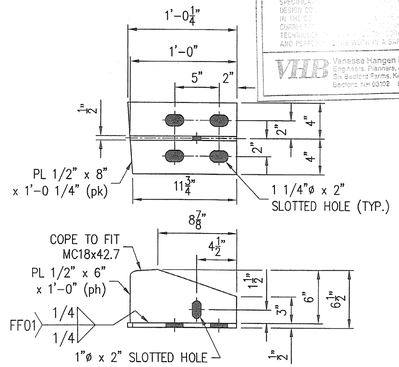
TEMPERATURE ADJUSTING CHART – PIER 1				
TEMPERATURE	45°	60°	75°	90°
DIM 'A'	1 1/4	1	7/8	3/4



SECTION A–A



DETAILS (pa) & (pb)



DETAILS (ph) & (pk)

SEE SHEET 7 FOR GENERAL NOTES

LINE	NO. REQ'D.	DESCRIPTION	LENGTH	MK	REMARKS	WGHT.	
1	1	EXPANSION JOINT ASS'Y		1A	HDG		
2	1	MC18x42.7	15'-9 9/16"	xa1	REMOVE FLANGE		11-8
3	1	MC18x42.7	15'-10	xb1	REMOVE FLANGE		11-8
4	1	MC18x42.7	6'-9 9/16"	xc1	REMOVE FLANGE		11-8
5	1	MC18x42.7	6'-9 3/16"	xd1	REMOVE FLANGE		11-8
6	3	PL 1/2 x 6	1'-3	pa	SHAPE CUT / COPE TO FIT MC	8x42.7	19-16
7	3	PL 1/2 x 8	1'-3 5/16"	pb	SHAPE CUT		19-16
8	3	PL 1/2 x 6	1'-0	ph	SHAPE CUT / COPE TO FIT MC	8x42.7	19-16
9	3	PL 1/2 x 8	1'-0 1/4"	pk	SHAPE CUT		19-16
10	27	WS 3/4 x 10		sa	26		29-19
11	26	WS 3/4 x 10		sb	25 / BEND		29-19
12							
13							
14							
15	1	EXPANSION JOINT ASS'Y		1B	HDG		
16	1	MC18x42.7	4'-3 1/8"	xf1	REMOVE FLANGE		11-8
17	1	MC18x42.7	4'-3 9/16"	xg1	REMOVE FLANGE		11-8
18	1	MC18x42.7	11'-6 13/16"	xh1	REMOVE FLANGE		11-8
19	1	MC18x42.7	11'-6 3/8"	xk1	REMOVE FLANGE		11-8
20	3	PL 1/2 x 6	1'-3	pa	SHAPE CUT / COPE TO FIT MC	8x42.7	19-16
21	3	PL 1/2 x 8	1'-3 5/16"	pb	SHAPE CUT		19-16
22	3	PL 1/2 x 6	1'-0	ph	SHAPE CUT / COPE TO FIT MC	8x42.7	19-16
23	3	PL 1/2 x 8	1'-0 1/4"	pk	SHAPE CUT		19-16
24	19	WS 3/4 x 10		sa	18		29-19
25	19	WS 3/4 x 10		sb	18 / BEND		29-19
26	2	FB 1/4 x 2	0'-2	fa			16-29
27	1	FB 1/4 x 4	1'-0	fb			16-36
28	1	FB 1/4 x 4	1'-0	fbb			16-36
29							
30							
31							
32							
33							

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

REV.	DESCRIPTION	DATE	INT.
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.

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 WESTBOUND AT PIER 1

W.P. chk'd	JDK
Drawn By	SLB
Chk'd. By	AJC
Date:	11/21/00

SHEET NO. 1 OF 8 | Job. No. : 978.1049.1