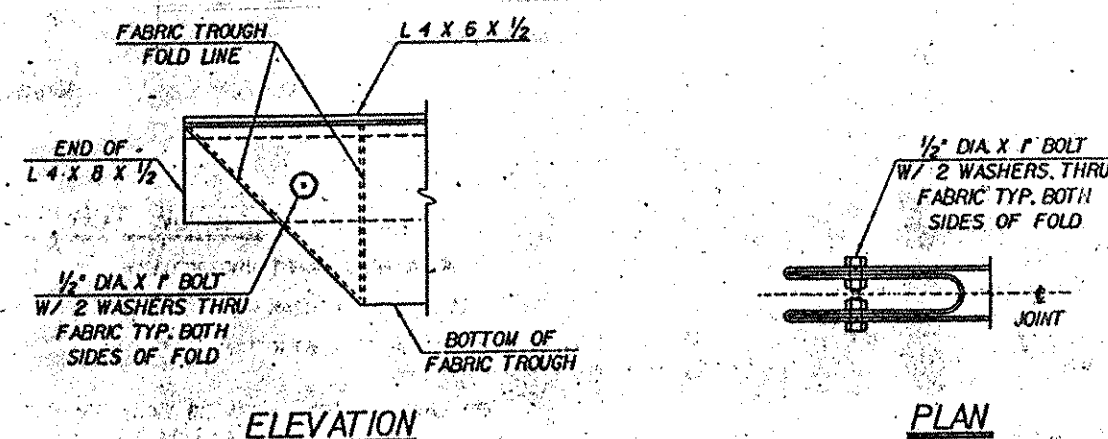


ABM INFO		SHOP BILL				JOB NO. 132	DRG. NO. J2A		
PAGE	LINE	NO.	DESCRIPTION	FT	IN	ASSEM. MARK	SHIPPING MARK	REMARKS	WEIGHT
	1		EXP. JOINT ASS'Y					EU2-N	
	2		2" x 4" x 1/2"	46	02				
	2		BAR 5/2" x 1/4"	21	73			ba2r	
	2		Do	21	73			ba2r	
	14		R 1/2" x 8	10				bcl	
	14		R 1/2" x 6	10				bcl	
	34		3/4" H.S. BOLTS	24				mb1	
	34		3/4" ANCHOR BOLTS	24				mb1	
	32		3/4" ANCH STUDS	10				mc1	
	1		PERFORMED FABR	47	0			mf1	
	2		BUTYL RUBBER	47	0			mf1	
	2		1" DIA BOLTS	1				mf1	
	50		7/16" T/BOLTS	7				TS1	
	112		1" DIA HEX NUTS						
	112		5/8" BAR 3" x 3"	3				W1	
	7		R 1/2" x 9	9				API	
	28		3/4" ANCH STUDS	10				mb1	
	9		L 4" x 4" x 3/8"	1				sa1	
	18		3/4" H.S. BOLTS	3				w1	
CURBS									
	2		R 1/2" x 20	1				cp1	
	2		R 1/2" x 20	1				cp1a	
	2		R 1/2" x 20	1				cp1b	
	2		R 1/2" x 7	1				cp2	
	2		DO	1				cp2a	
	2		DO	1				cp2b	
	2		R 1/2" x 2	1				cp3	
	2		DO	1				cp3a	
	2		DO	1				cp3b	
	2		R 1/2" x 9	1				cp4	
	2		R 1/2" x 9	1				cp5	
	2		L 2 1/2" x 2 1/2" x 3/8"	1				cal	
	2		L 6" x 4" x 1/2"	1				col2	
	16		3/4" H.S. BOLTS	2				mb1	
	20		3/4" ANCH STUDS	7				mb1	
	4		3/4" ANCH STUDS	2				mb1	
	16		3/4" ANCH STUDS	7				mb1	



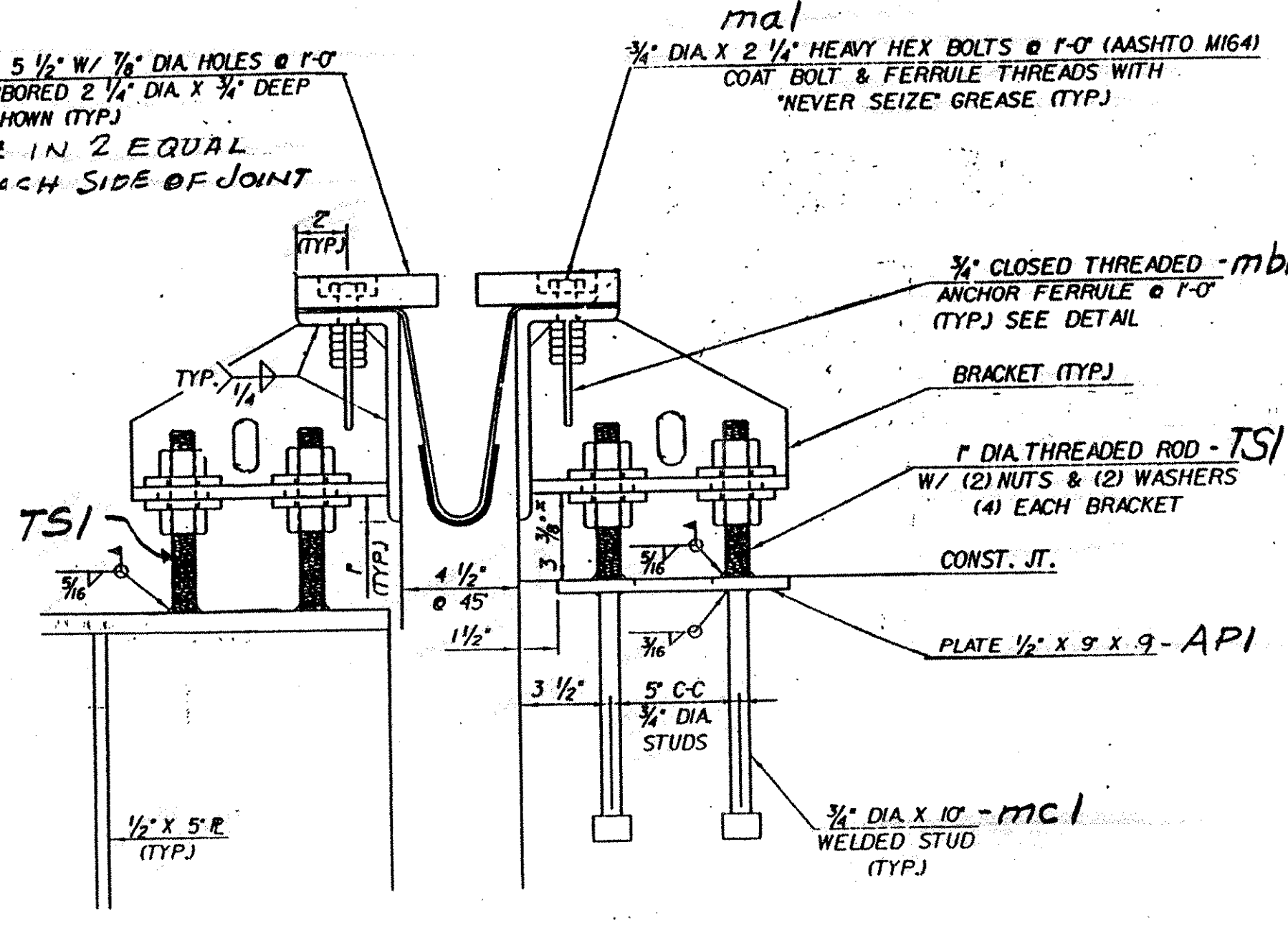
FOLDED TROUGH END DETAILS

EJ2-N-ONE REQ'D (@ ABUT. NO. 8)

WORK THIS DNG. W/DWG. J2A

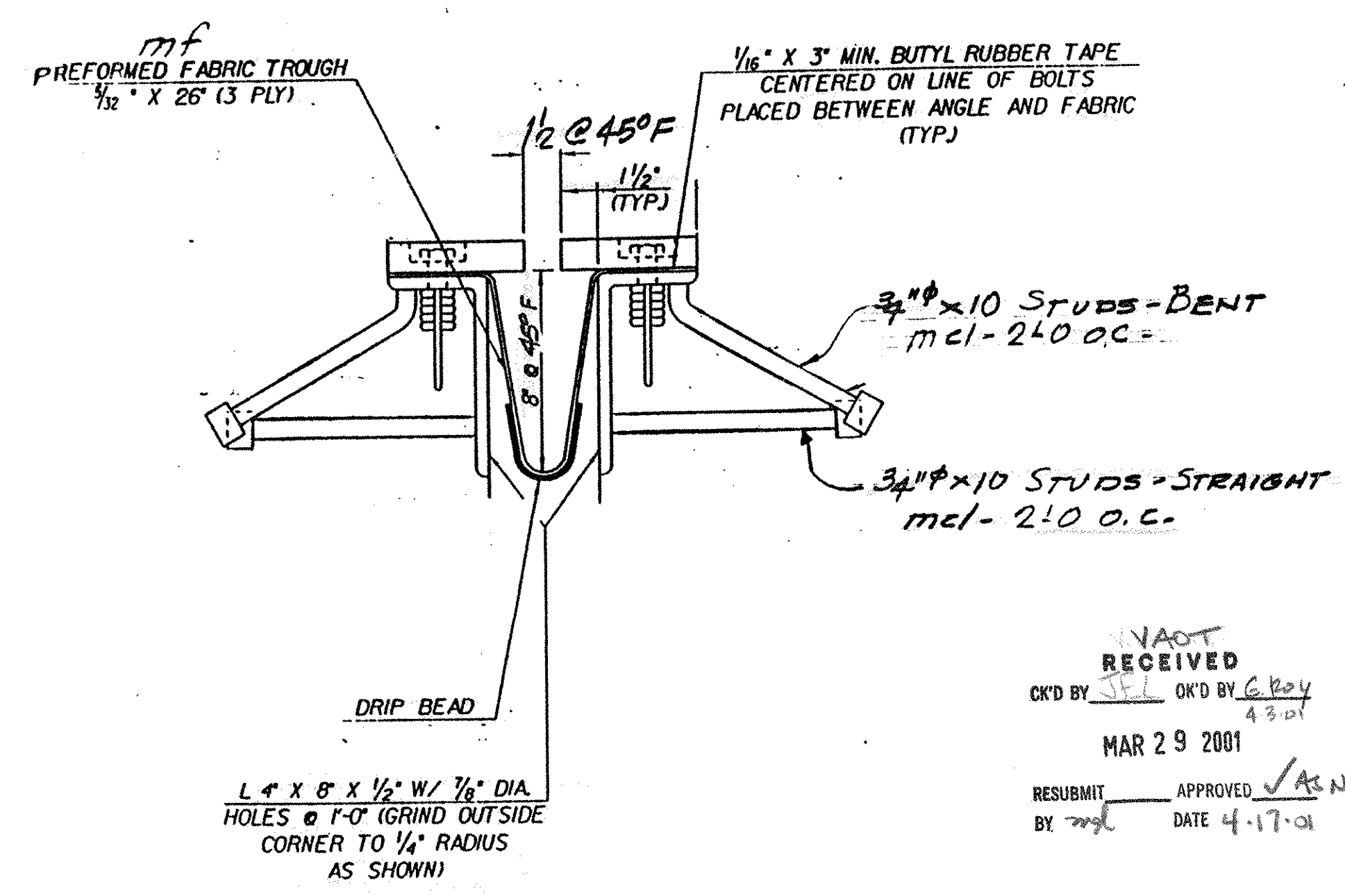
PAY ITEM 516.10

BAR 1 1/2" x 5 1/2" W/ 7/8" DIA HOLES @ 1'-0" COUNTERBORED 2 1/4" DIA x 3/4" DEEP AS SHOWN (TYP)  
 PROVIDE IN 2 EQUAL LENGTH EACH SIDE OF JOINT



TYPICAL SECTION AT BEAMS

ANCHOR FERRULE DETAIL - mb1



TYPICAL SECTION BETWEEN BEAMS

OUT FOR APPROVAL	3-23-01
ISSUED TO SHOP	
FIELD & OFFICE	

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
	PROJECT NO. JM-089-3 (27) STATE BRIDGE NO. 88N										
	MATERIAL: AS SHOWN PER PROC. HOLES: AS NOTED SHOP BOLTS: 7/8" H.S.										
	SURFACE PREP. & PAINT:										

GALVANIZED AFTER FAB

DESCRIPTION: EXP. JOINT - ABUT. NO. 8	DRAWN BY: JPF	DATE: 3-01
JOB: BRIDGE 88N	CHKD BY:	
I-89 OVER ST. ALBANS SO. STATE HIGHWAY	APPROV BY:	
FAIRFAX - FAIRFIELD - ST. ALBANS, VT.	Q.A.	

CUSTOMER: J.A. McDONALD

**CASCO BAY STEEL STRUCTURES, INC.**

75 SPRING HILL ROAD SACO, MAINE 04072  
 PHONE (207) 282-7360 FAX. (207) 282-1179

JOB NO. 132 DRG. NO. J2  
 438 REV. Δ