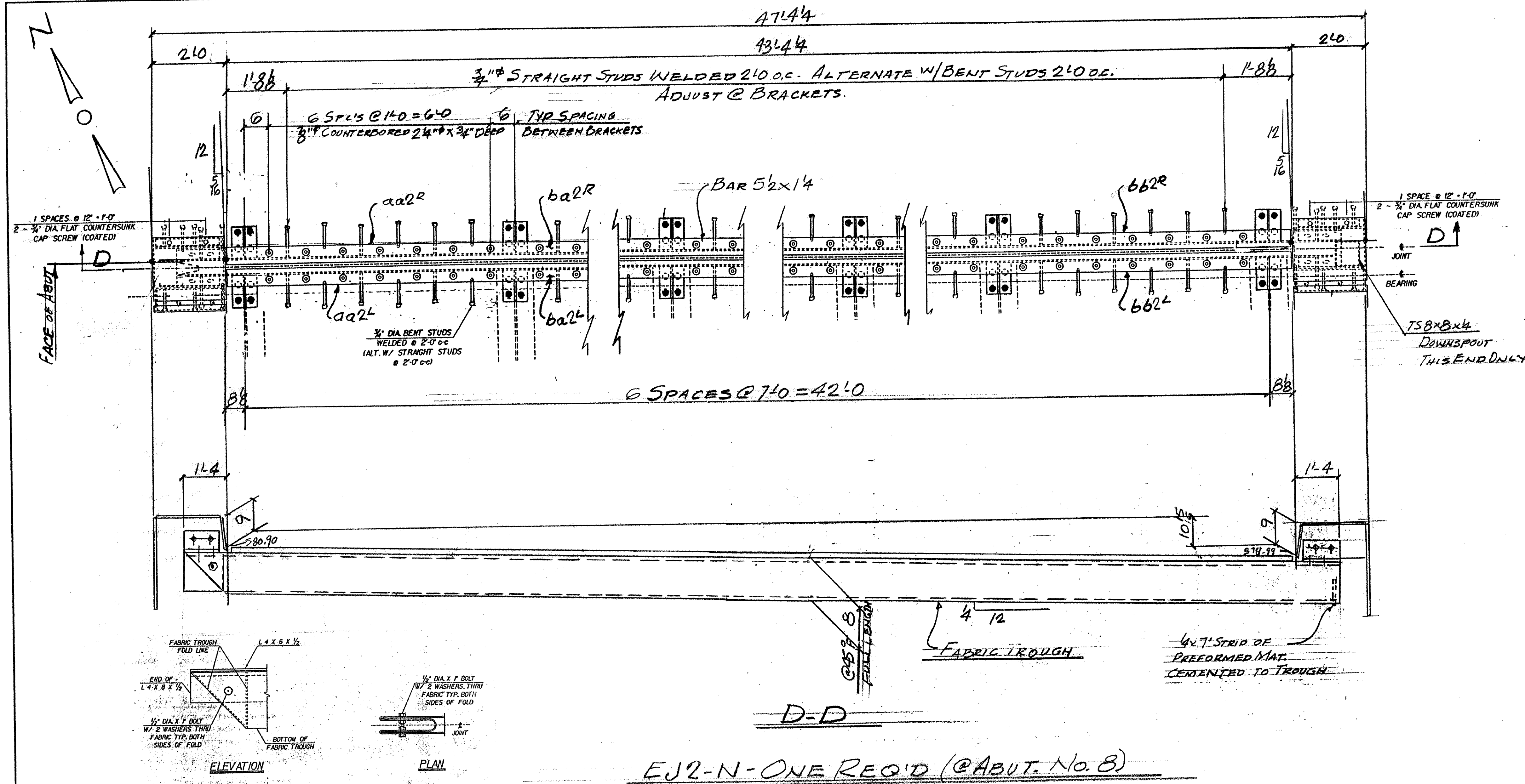
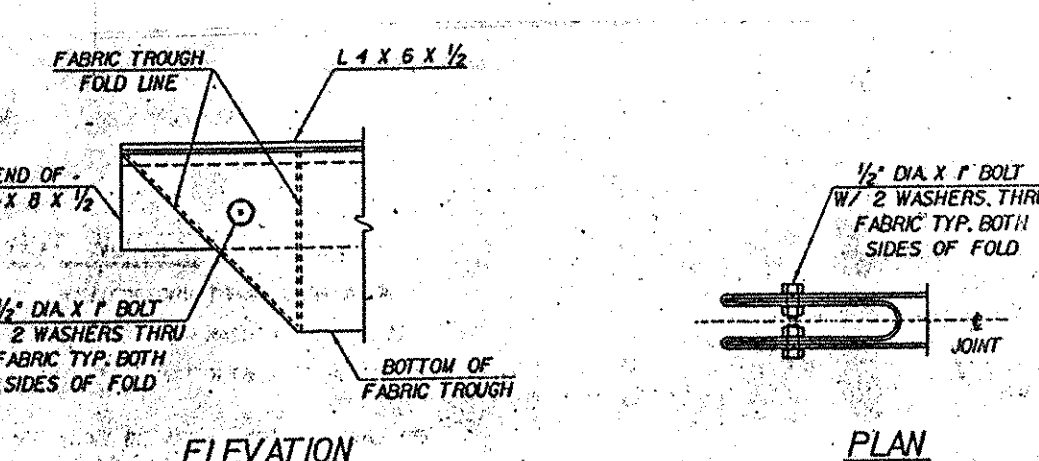




SHOP BILL										JOB NO. 132	DRG. NO. J2A
PAGE	LINE	NO.	DESCRIPTION	FT	IN	ASSEM. MARK	SHIPPING MARK	REMARKS	WEIGHT		
	1		EXP. JOINT ASSY					EV2-N			
	2		2" x 4" x 1/2"	46	02						
	2		BAR 5 1/2" x 1/4"	21	73						
	2		DO	21	73						
	14		2 1/2" x 8"	10							
	14		2 1/2" x 6"	10							
	34		3/4" H.S. BOLTS	24							
	34		3/4" H.S. BOLTS	24							
	32		3/4" H.S. BOLTS	10							
	1		PERFORMED FABR	47	0						
	2		BUTYL RUBBER	47	0						
	2		1" BOLTS	1							
50	1		7/8" TENSILE RODS	7							
	112		1" HEX NUTS								
	112		3/8" x 3/8"	3							
	7		2 1/2" x 9"	9							
	28		3/4" H.S. BOLTS	10							
	9		4" x 4" x 3/8"	1							
	18		3/4" H.S. BOLTS	3							
CURBS											
	2		2" x 20"	1							
	2		2" x 20"	1							
	2		2" x 20"	1							
	2		2" x 7"	1							
	2		DO	9							
	2		DO	1							
	2		2" x 2"	1							
	2		DO	9							
	2		DO	1							
	2		2" x 9"	1							
	2		2" x 9"	1							
	2		2" x 22" x 3/8"	1							
	2		4" x 4" x 1/2"	1							
	16		3/4" H.S. BOLTS	2							
	20		3/4" H.S. BOLTS	2							
	4		3/4" H.S. BOLTS	2							
	16		3/4" H.S. BOLTS	7							

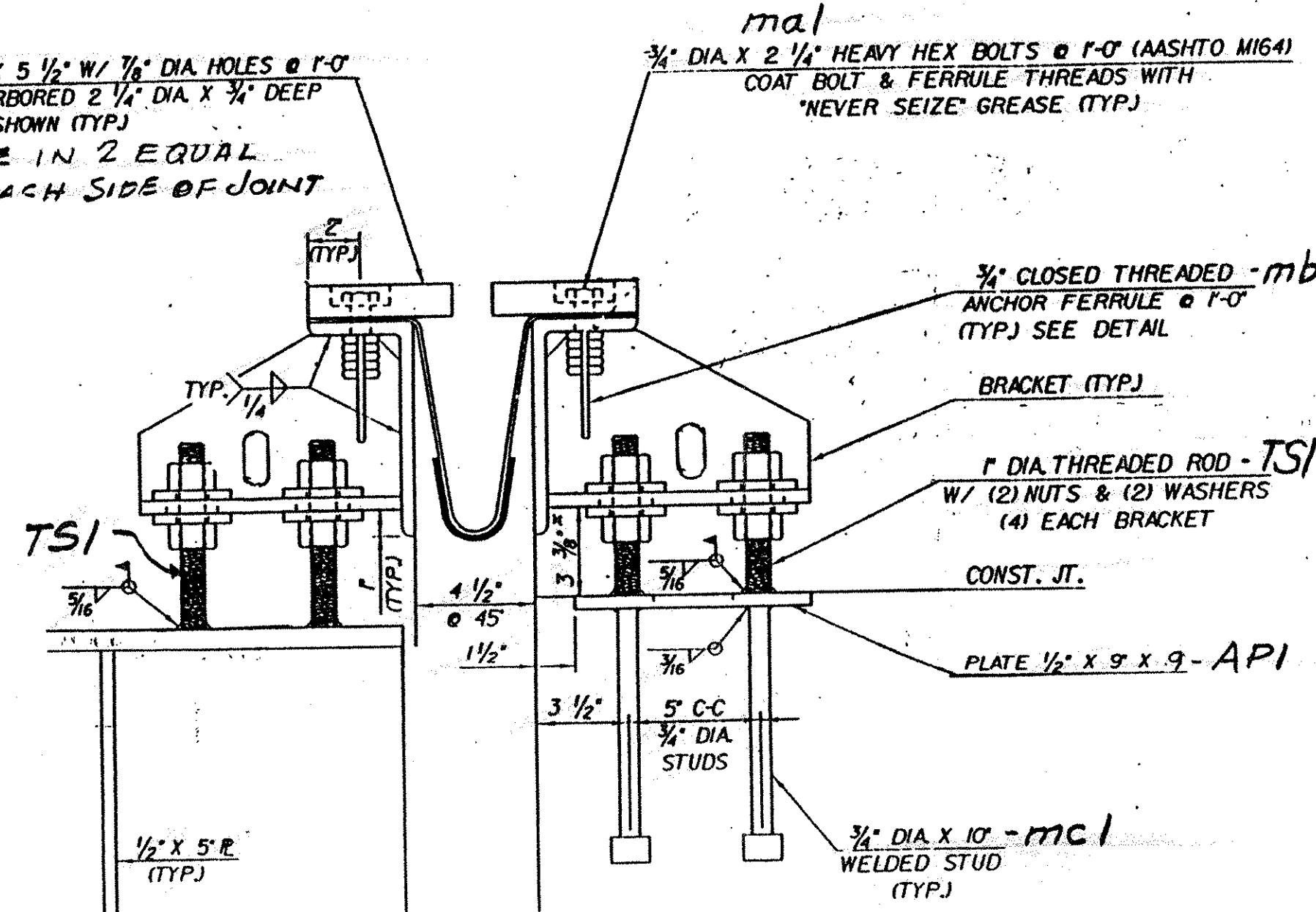


FOLDED TROUGH END DETAILS

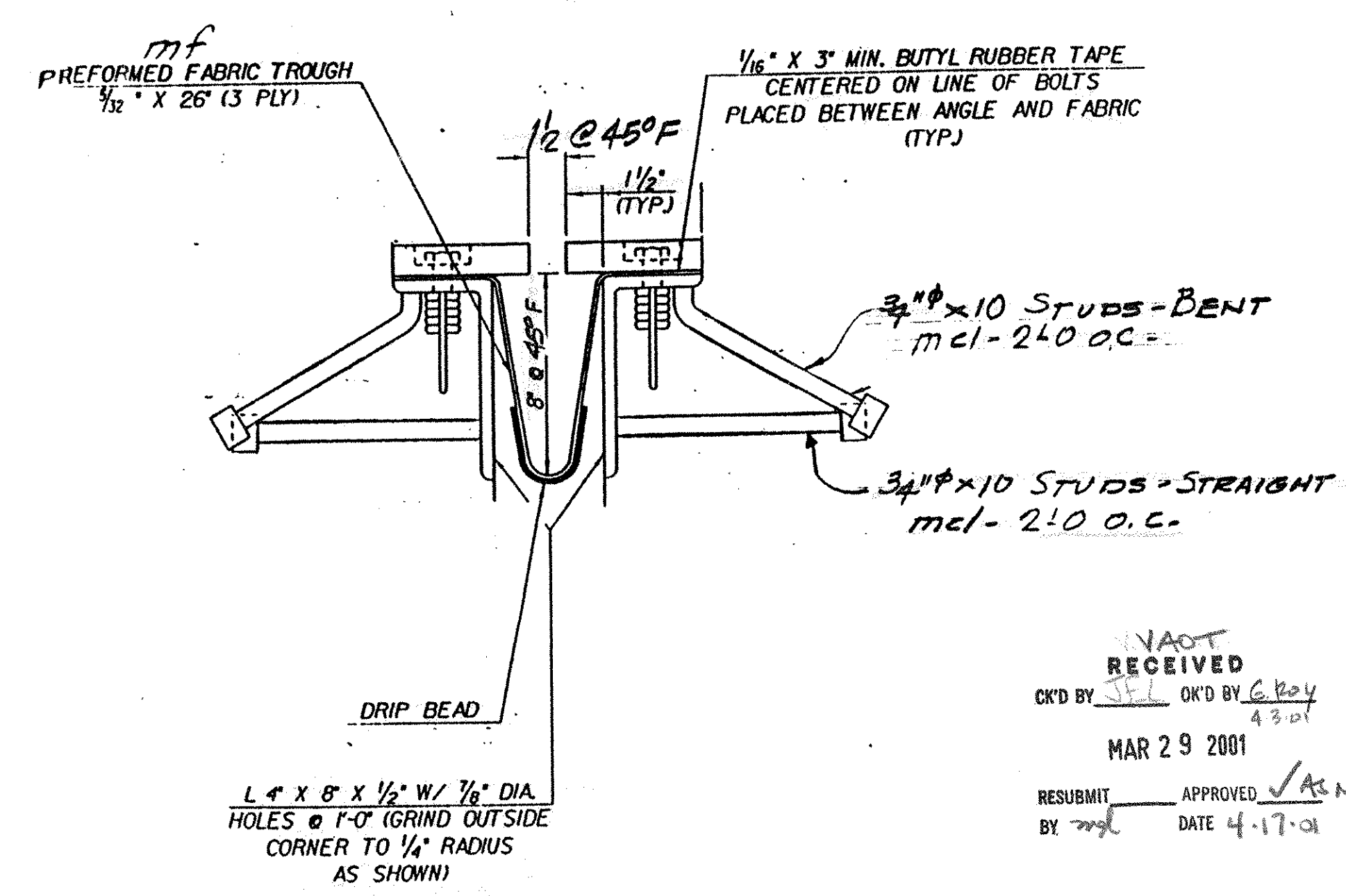
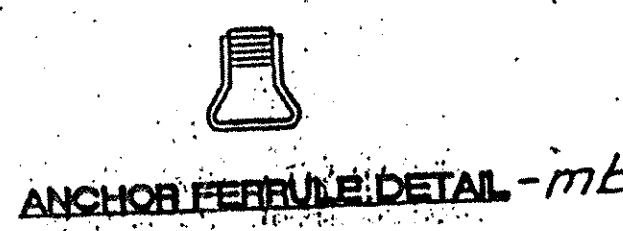
EJ2-N-ONE REQ'D (@ABUT. NO. 8)

WORK THIS DWG. W/DWG. J2A

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



TYPICAL SECTION BETWEEN BEAMS

PAY ITEM 516.10

OUT FOR APPROVAL	3-23-01										
OUT FOR APPROVAL											
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: ASHTO ELECTRODES PER PROC. HOLES: AS NOTED SHOP BOLTS: 7 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	JOB NO. 132	DRG. NO. J2
CASCO BAY STEEL STRUCTURES, INC.	75 SPRING HILL ROAD SACO, MAINE 04072	PHONE (207) 282-7360 FAX. (207) 282-1179