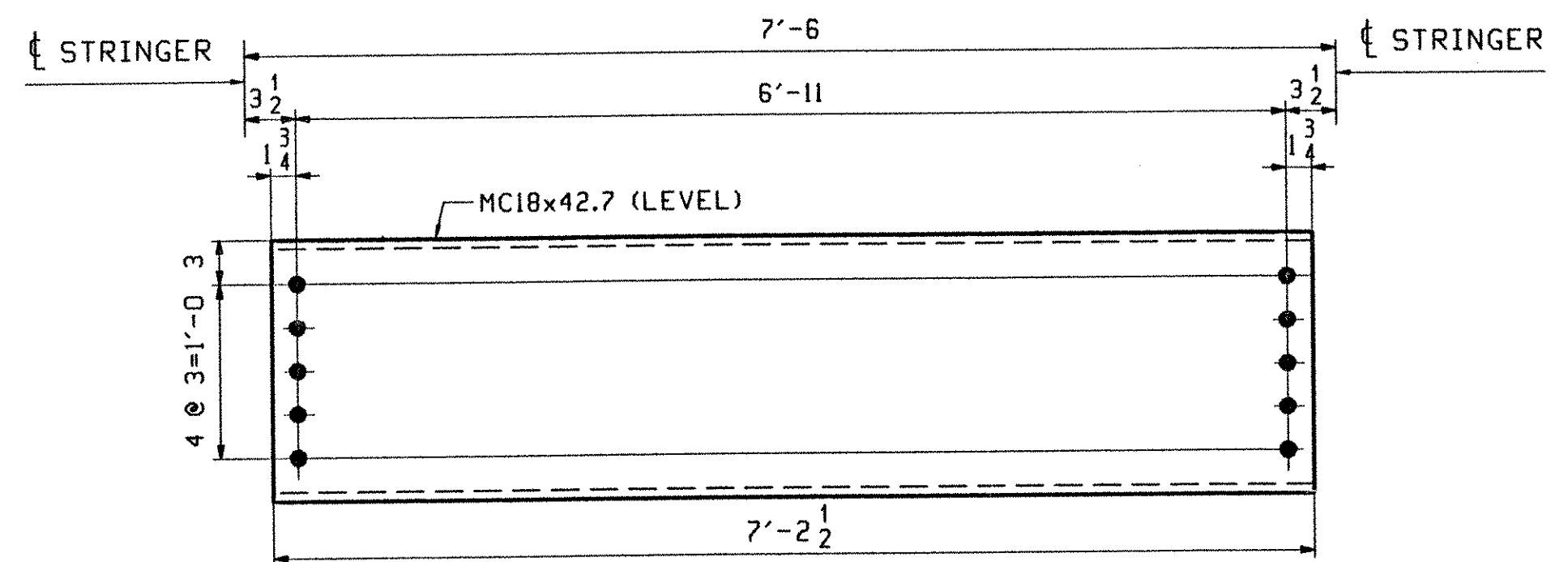
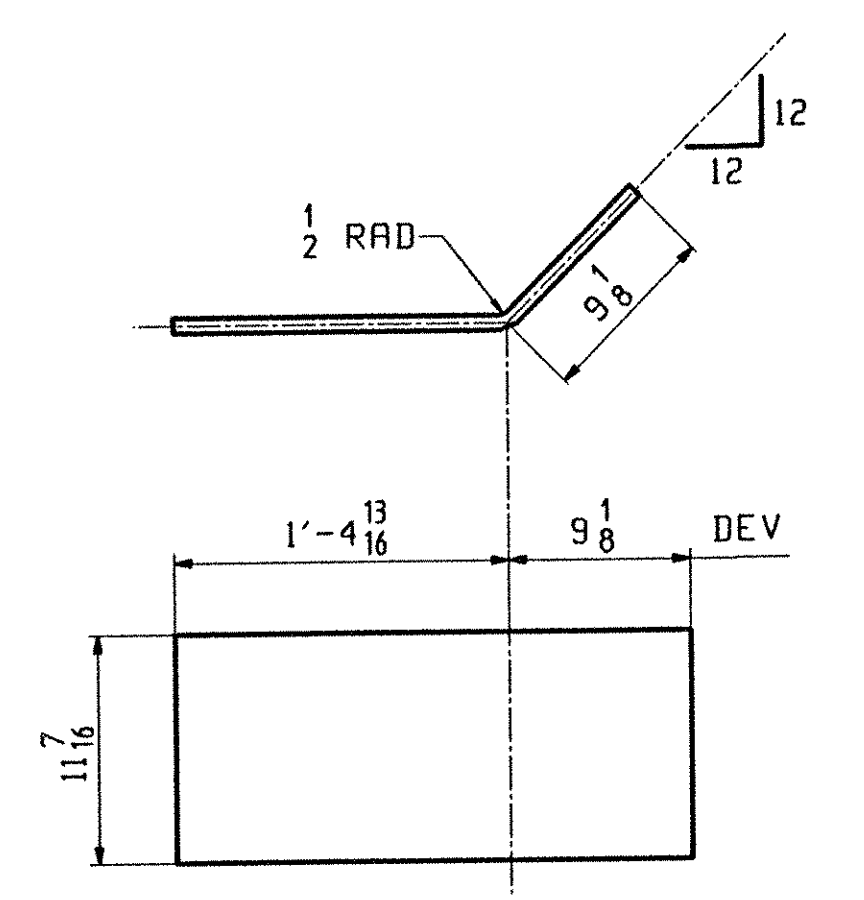


BRG DIAPHRAGMS - ABUT 1 (PAINTED)

MARK	REQ'D	DROP	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
117D1	2	3 7/16	8'-10 5/16	8'-6 13/16	1 5/8	1 7/8	9 1/16	3 1/16	2 15/16	3 3/8	b117
117D2	2	7 1/16	8'-10 1/4	8'-6 3/4	1 3/4	1 3/4	1 1/16	3	3	1 1/16	c117



32 ~ INT. DIAPHRAGMS ~ 117D3



5 ~ END PLATES ~ 117M1

PAGE	LINE	MARK	QTY	MARK	MATERIAL	LENGTH		REMARKS	WT	PROCUREMENT NOTES
						FT	INCHES			
		117D1	2		BRG DIAPHRAGMS				422	
103	C		2	b117	MC 18x42.7	8	10 7/8			
103	E		4	a117	PL 1/2x15	0	9 3/4	BENT		
		117D2	2		BRG DIAPHRAGMS				420	
103	C		2	c117	MC 18x42.7	8	10 5/16			
103	E		4	a117	PL 1/2x15	0	9 3/4	BENT		
103	B	117D3	32		MC 18x42.7	7	2 1/2		308	
					END PLATES					
103	H	117M1	5		PL 1/4x11 7/16	2	1 5/16	BENT	21	
					FIELD BOLTS				590	
								2% ADDED + 3 FOR TESTS		
105	C		370		7/8 HSB	0	2 1/4	(A325-3)		
105	D		85		7/8 HSB	0	2 1/4	(A325-3)		
105	E		44		7/8 HSB	0	2 3/4	(A325-3)		
105	F		493		7/8 HSB	0	3	(A325-3)		
105	H		493		7/8 HSB	0	4	(A325-3)		
105	L		1485		7/8 HSN			(F436H)		

NOTE:
BEND LINES & WP'S ARE @ 1/4
OF BENT #'S.

OUT FOR APPROVAL	2-2-01									
ISSUED TO SHOP										
FIELD & OFFICE										

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER	
	MATERIAL:											
	M270 GR 50W U.N.							15/16 Ø (UN)			7/8 Ø (UN)	
	ELECTRODES:											
	Holes:											
	SHOP BOLTS:											
	SURFACE PREP. & PAINT: -STEEL WITHIN 10'-0 OF ABUT 1 SHALL BE PAINTED (SEE GNI) -ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.											
	DESCRIPTION: DIAPHRAGMS										DRAWN BY	DATE
	JOB: BRIDGE NO. 43S										PHG	01/25
	I-89 SB OVER U.S. ROUTE 2										CHKD BY	
	I-89 IMPROVEMENTS										TRM	01/28
	TOWN OF MIDDLESEX-BOLTON, VERMONT										APPROV BY	
	TENSOR 2106-5										SUPERVISOR	M. J. GATTI
	PROJ NO. IM-089-2(26)										Q.A.	
	CUSTOMER: VERMONT AGENCY OF TRANSPORTATION											
	CASCO BAY STEEL STRUCTURES, INC.										JOB NO.	DRG. NO.
	75 SPRING HILL ROAD										116-43S	117
	PHONE (207) 282-7360										SACO, MAINE 04072	
											FAX. (207) 282-1179	
											REV.	△

TVGA
Engineering, Surveying, P.C.
 NO EXCEPTIONS TAKEN REJECTED
 FURNISH AS CORRECTED
 REVISE AND RESUBMIT
ENGINEER has reviewed Shop Drawings and Samples and other data which Contractor is required to submit, only for conformance with the information given in the Contract Documents and compliance with the intent of the completed Project as a monitoring who is identified in the Contract Documents. Such review is not intended to insure, improve, substitute, or guarantee the performance of construction or to satisfy professional and engineering obligations. Therefore Contractor is responsible for dimensions to be provided and completed at the job site. The information that pertains solely to the fabrication processes or to techniques of construction and for coordination of the work of all trades.
BY: R. V. S. E.
DATE: 3/20/01