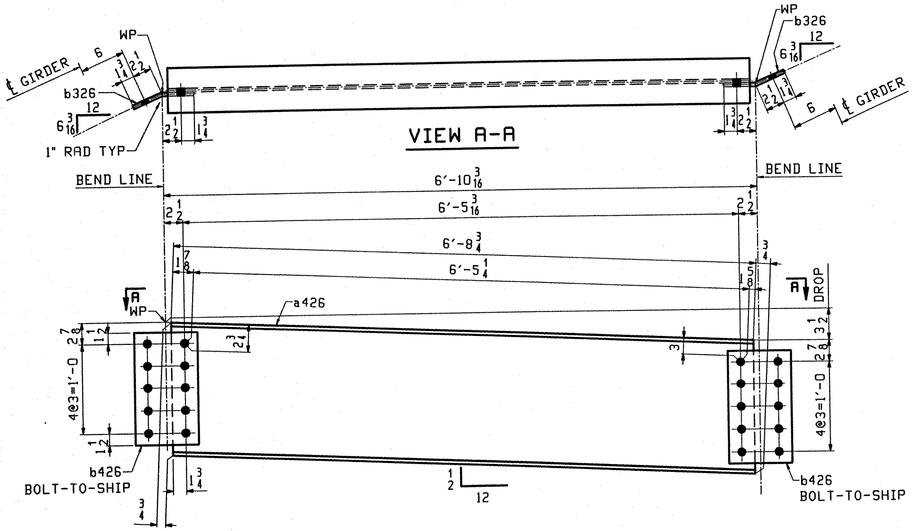
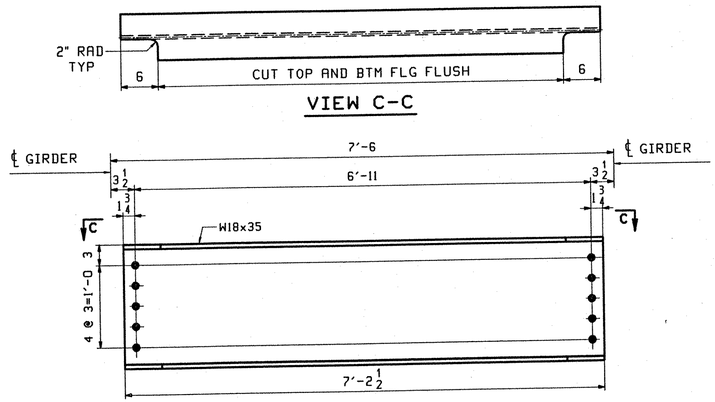
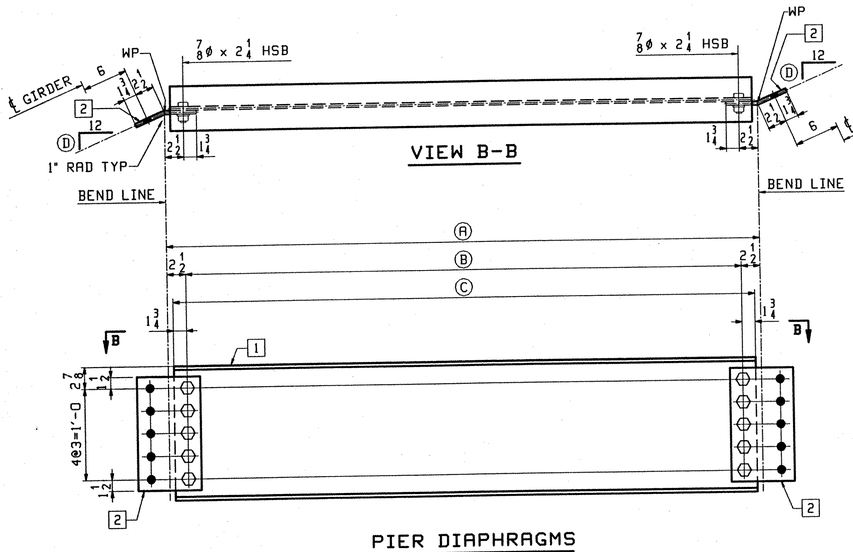


4 ~ ABUT DIAPHRAGMS ~ 426D1

PAINTED SEE GN301

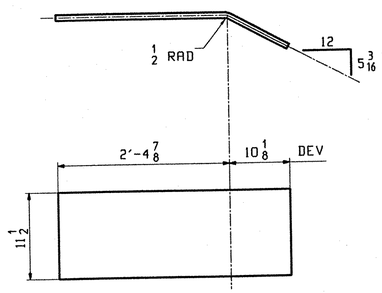


48 ~ INT. DIAPHRAGMS ~ 426D4



PIER DIAPHRAGMS

MARK	REQ'D	Ⓐ	Ⓑ	Ⓒ	Ⓓ	1	2	
426D2	4	6'-11 15/16	6'-6 15/16	6'-10 7/16	6 13/16	c426	d426	PIER 1
426D3	4	7'-1 1/4	6'-8 1/4	6'-11 3/4	7 3/16	f426	g426	PIER 2



5 ~ END PLATES ~ 426M1

ABM INFO		SHIP	QTY	MARK	MATERIAL	LENGTH FT	LENGTH INCHES	REMARKS	WT	PROCUREMENT NOTES
PAGE	LINE	MARK								
		426D1	4		ABUT DIAPHRAGM				274	
403	C		4	a426	W 18x35	6	9 1/2			
403	E		8	b426	PL 1/2x15	0	8 1/2	BENT		
		426D2	4		PIER DIAPHRAGMS				285	
403	D		4	c426	W 18x35	6	10 7/16			
403	E		8	d426	PL 1/2x15	0	8 1/2	BENT		
404	C		40		7/8 ø HSB	0	2 1/4	(A325-3)		
404	H		40		7/8 ø HSW			(F436W)		
		426D3	4		PIER DIAPHRAGMS				289	
403	D		4	f426	W 18x35	6	11 3/4			
403	E		8	g426	PL 1/2x15	0	8 1/2	BENT		
404	C		40		7/8 ø HSB	0	2 1/4	(A325-3)		
404	H		40		7/8 ø HSW			(F436W)		
					INT. DIAPHRAGMS					
403	B	426D4	48		W 18x35	7	2 1/2		252	
					END PLATES					
403	H	426M1	5		PL 1/4x11 1/2	3	3	BENT	581	
					FIELD BOLTS					
								2% ADDED +3 FOR TEST		
405	C		493		7/8 ø HSB	0	2 1/4	(A325-3)		
405	E		85		7/8 ø HSB	0	2 3/4	(A325-3)		
405	F		982		7/8 ø HSB	0	3	(A325-3)		
405	J		1635		7/8 ø HSB	0	4 1/4	(A325-3)		
405	L		3195		7/8 ø HSW			(F436W)		
405	P		45		7/8 ø HSB	0	2 1/4	(A325-1) GALV.		
405	R		45		7/8 ø HSB	0	2 3/4	(A325-1) GALV.		
405	T		90		7/8 ø HSW			(F436) GALV.		

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
	OUT FOR APPROVAL	10/23/01									
	OUT FOR APPROVAL										
	ISSUED TO SHOP										
	FIELD & OFFICE										

MATERIAL: M270 GR. 50W (UN)

ELECTRODES:

HOLES: 15/16 ø (U.N.)

SHOP BOLTS: 7/8 ø (U.N.)

SURFACE PREP. & PAINT:
- STEEL WITHIN 10'-0 OF ABUT. 2 SHALL BE PAINTED (SEE GN301)
- ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.

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 compatibility with the design concept of the completed Project as a functioning whole as indicated in the Contract Documents. Such review do not extend to means, methods, techniques, sequences or procedures of construction or to safety precautions and programs incident thereto. Contractor is responsible for dimensions to be confirmed and correlated at the job site; for information that pertains solely to the fabrication processes or to techniques of construction; and for coordination of the work of all trades.

BY: _____
DATE: 01-11-2001

DESCRIPTION: DIAPHRAGMS

JOB: I-89 NB OVER LITTLE RIVER
I-89 IMPROVEMENTS
BETWEEN TOWNS OF MIDDLESEX & BOLTON
COUNTY OF WASHINGTON VERMONT

TENSOR 2107-N

PROJ NO. IM-089-2(26)

CUSTOMER: VERMONT AGENCY OF TRANSPORTATION

DRAWN BY	DATE
BW	08/04
CHKD BY	
ELC	9/13/01
APPROV BY	
SUPERVISOR	W. J. GATTI
Q.A.	

CASCO BAY STEEL STRUCTURES, INC.
75 SPRING HILL ROAD SACO, MAINE 04072
PHONE (207) 282-7360 FAX. (207) 282-1179

JOB NO.	DRG. NO.
119-48N	426
	REV. △

DRAWING NO. 426 REV.

ELC Thu Sep 20 10:59:59 EDT 2001 /users/jobs/2107-N/426.1 Rev0