



PIER DIAPHRAGMS

MARK	REQ'D	(A)	(B)	(C)	(D)	(1)	(2)	
517D1	1	9'-9 ⁹ / ₁₆	9'-3 ⁹ / ₁₆	9'-7 ¹ / ₁₆	9 ⁵ / ₁₆	a517	m517	PIER 1
517D2	1	9'-9 ³ / ₈	9'-3 ³ / ₈	9'-6 ⁷ / ₈	9 ⁵ / ₁₆	b517	m517	PIER 1
517D3	1	9'-9 ³ / ₁₆	9'-3 ³ / ₁₆	9'-6 ¹¹ / ₁₆	9 ⁵ / ₁₆	c517	m517	PIER 1
517D4	1	9'-9	9'-3	9'-6 ¹ / ₂	9 ⁵ / ₁₆	d517	m517	PIER 1
517D5	1	9'-7 ⁵ / ₁₆	9'-1 ⁵ / ₁₆	9'-4 ¹³ / ₁₆	9 ⁵ / ₈	f517	n517	PIER 2
517D6	1	9'-7 ¹ / ₈	9'-1 ¹ / ₈	9'-4 ⁵ / ₈	9 ⁵ / ₈	g517	n517	PIER 2
517D7	1	9'-6 ¹⁵ / ₁₆	9'-0 ¹⁵ / ₁₆	9'-4 ⁷ / ₁₆	9 ⁵ / ₈	h517	n517	PIER 2
517D8	1	9'-6 ³ / ₄	9'-0 ³ / ₄	9'-4 ¹ / ₄	9 ⁵ / ₈	k517	n517	PIER 2

ABM INFO		SHIP	BILL OF MATERIAL				JOB NO.	DRAWING NO.	REV.
PAGE	LINE	MARK	QTY	MARK	MATERIAL	LENGTH FT INCHES	REMARKS	WT	PROCUREMENT NOTES
		517D7	1		PIER DIAPHRAGMS			372	
504	D		1	n517	W 18x35	9 4 ¹ / ₁₆			
504	E		2	n517	PL 1/2x15	0 9 ¹ / ₂	BENT		
505	C		10		7/8 Ø HSB	0 2 ¹ / ₄	(A325-3)		
505	H		10		7/8 Ø HSW		(F436H)		
		517D8	1		PIER DIAPHRAGMS			372	
504	D		1	k517	W 18x35	9 4 ¹ / ₁₆			
504	E		2	n517	PL 1/2x15	0 9 ¹ / ₂	BENT		
505	C		10		7/8 Ø HSB	0 2 ¹ / ₄	(A325-3)		
505	H		10		7/8 Ø HSW		(F436H)		
					FIELD BOLTS			754	
									2% ADDED +3 FOR TEST
506	C		411		7/8 Ø HSB	0 2 ¹ / ₄	(A325-3)		
506	E		85		7/8 Ø HSB	0 2 ¹ / ₄	(A325-3)		
506	F		493		7/8 Ø HSB	0 3	(A325-3)		
506	H		819		7/8 Ø HSB	0 3 ³ / ₄	(A325-3)		
506	L		1808		7/8 Ø HSW		(F436H)		
506	P		45		7/8 Ø HSB	0 2 ¹ / ₄	(A325-1) GALV.		
506	R		45		7/8 Ø HSB	0 2 ¹ / ₄	(A325-1) GALV.		
506	T		90		7/8 Ø HSW		(F436) GALV.		

OUT FOR APPROVAL 4/5/01

ISSUED TO SHOP

FIELD & OFFICE

REV.	REMARKS	DATE	DWN	CHK	APP	O.A.	NO.	DIA.	LGT	TYPE	WASHER
	MATERIAL: M270 GR 50W										
	ELECTRODES:										
	HOLE:										
	SHOP BOLTS:										

SURFACE PREP. & PAINT:

-STEEL WITHIN 10'-0 OF ABUT 1 SHALL BE PAINTED (SEE GN501)

-ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.

DESCRIPTION: PIER DIAPHRAGMS

JOB: BRIDGE NO. 505

I-89 SB OVER U.S. ROUTE 2

I-89 IMPROVEMENTS

TOWN OF MIDDLESEX-BOLTON, VERMONT

PROJ NO. IM-089-2(26)

CUSTOMER: VERMONT AGENCY OF TRANSPORTATION

CASCO BAY STEEL STRUCTURES, INC.

75 SPRING HILL ROAD SACO, MAINE 04072

PHONE (207) 282-7360 FAX. (207) 282-1179

BY: P.W.S. 5/3/01

DATE: 5/3/01

DRAWN BY PHG

CHKD BY TRM

APPROV BY SUPERVISOR W. J. GATTI

Q.A.

JOB NO. 122-505

DRG. NO. 517

REV. Δ

TVGA
Engineering, Surveying, P.C.

NO EXCEPTIONS TAKEN REJECTED

FURNISH AS CORRECTED

REVISE AND RESUBMIT

ENGINEER has received Shop Drawings and Details and other data which Contractor is responsible for submitting with the bid. Contractor is responsible for the accuracy of the information and for the completion of the Project as a condition of the contract. The Contractor shall be responsible for the accuracy of the information and for the completion of the Project as a condition of the contract. The Contractor shall be responsible for the accuracy of the information and for the completion of the Project as a condition of the contract.