



**PIER DIAPHRAGMS**  
(PIER 1)

MARK	REQ'D	DROP	WP/WP	(A)	(B)	(C)	BEV1	BEV2	1	2	3
22D1	1	2 <sup>15</sup> / <sub>16</sub>	10'-2 <sup>1</sup> / <sub>8</sub>	10'-0 <sup>1</sup> / <sub>8</sub>	10'-0 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>4</sub>	8 <sup>15</sup> / <sub>8</sub>	a22	b22	c22
22D2	1	3 <sup>1</sup> / <sub>16</sub>	10'-0 <sup>7</sup> / <sub>16</sub>	9'-10 <sup>7</sup> / <sub>16</sub>	9'-11 <sup>1</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>16</sub>	8 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	d22	f22	g22
22D3	1	3 <sup>3</sup> / <sub>16</sub>	9'-10 <sup>7</sup> / <sub>8</sub>	9'-8 <sup>7</sup> / <sub>8</sub>	9'-9 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>16</sub>	h22	k22	m22
22D4	1	3 <sup>1</sup> / <sub>4</sub>	9'-9 <sup>3</sup> / <sub>8</sub>	9'-7 <sup>3</sup> / <sub>8</sub>	9'-8 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	9 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	n22	p22	s22
22D5	1	3 <sup>3</sup> / <sub>8</sub>	9'-7 <sup>15</sup> / <sub>16</sub>	9'-5 <sup>15</sup> / <sub>16</sub>	9'-6 <sup>11</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	9 <sup>11</sup> / <sub>16</sub>	t22	v22	w22

ABM INFO		SHIP		BILL OF MATERIAL				JOB NO.	DRAWING NO.	REV.
PAGE	LINE	MARK	QTY	MARK	MATERIAL	LENGTH FT	INCHES	REMARKS	MT	PROCUREMENT NOTES
		22D1	1		PIER DIAPH					926
7	B		1	a22	W 27x84	10	0 <sup>1</sup> / <sub>8</sub>	(M270-50HT2) (H2-3)		
6	J		1	b22	PL 1/2x22 1/4	1	0 <sup>1</sup> / <sub>2</sub>	(M270-50HT2) (H2-3)BENT		
6	J		1	c22	PL 1/2x22 1/4	1	0 <sup>1</sup> / <sub>2</sub>	(M270-50HT2) (H2-3)BENT		
		22D2	1		PIER DIAPH					915
7	C		1	d22	W 27x84	9	11 <sup>1</sup> / <sub>8</sub>	(M270-50HT2) (H2-3)		
6	J		1	f22	PL 1/2x22 1/4	1	0 <sup>1</sup> / <sub>2</sub>	(M270-50HT2) (H2-3)BENT		
6	J		1	g22	PL 1/2x22 1/4	1	0 <sup>1</sup> / <sub>2</sub>	(M270-50HT2) (H2-3)BENT		
		22D3	1		PIER DIAPH					904
7	D		1	h22	W 27x84	9	9 <sup>9</sup> / <sub>16</sub>	(M270-50HT2) (H2-3)		
6	J		1	k22	PL 1/2x22 1/4	1	0 <sup>1</sup> / <sub>2</sub>	(M270-50HT2) (H2-3)BENT		
6	J		1	m22	PL 1/2x22 1/4	1	0 <sup>1</sup> / <sub>2</sub>	(M270-50HT2) (H2-3)BENT		
		22D4	1		PIER DIAPH					894
7	E		1	n22	W 27x84	9	8 <sup>1</sup> / <sub>8</sub>	(M270-50HT2) (H2-3)		
6	J		1	p22	PL 1/2x22 1/4	1	0 <sup>1</sup> / <sub>2</sub>	(M270-50HT2) (H2-3)BENT		
6	J		1	s22	PL 1/2x22 1/4	1	0 <sup>1</sup> / <sub>2</sub>	(M270-50HT2) (H2-3)BENT		
		22D5	1		PIER DIAPH					883
7	F		1	t22	W 27x84	9	6 <sup>1</sup> / <sub>16</sub>	(M270-50HT2) (H2-3)		
6	J		1	v22	PL 1/2x22 1/4	1	0 <sup>1</sup> / <sub>2</sub>	(M270-50HT2) (H2-3)BENT		
6	J		1	w22	PL 1/2x22 1/4	1	0 <sup>1</sup> / <sub>2</sub>	(M270-50HT2) (H2-3)BENT		

OUT FOR APPROVAL	9/13/02										
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ISSUED TO SHOP											
FIELD & OFFICE											
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
	MATERIAL:										
	ELECTRODES:										
	HOLES:						15				
	SHOP BOLTS:						16				
SURFACE PREP. & PAINT:											
DESCRIPTION: PIER DIAPHRAGMS										DRAWN BY	DATE
JOB: VT. ROUTE 9 OVER DEERFIELD RIVER										VWJ	08/23
BRIDGE 25B										CHKD BY	
SEARSBURG, VERMONT										DO	09/04
CONTRACTOR: J.A. McDONALD										APPROV BY	
TENSOR 2243										SUPERVISOR	H. J. GATII
PROJ NO. NHF-010-(118)										Q.A.	
CUSTOMER: VERMONT AGENCY OF TRANSPORTATION										JOB NO.	DRG. NO.
CASCO BAY STEEL STRUCTURES, INC.										167	22
75 SPRING HILL ROAD SACO, MAINE 04072										REV.	△
PHONE (207) 282-7360 FAX. (207) 282-1179											

RECEIVED  
OK'D BY: *DTK* OK'D BY:  
SEP 16 2002  
RESUBMIT APPROVED  
BY: *RREW* DATE 10-3-02

FOR GENERAL NOTES SEE GNI.