



CROSSFRAMES

MARK	NO. REQ'D	A	B	C	D	E	F	G	H	K	M	N	P	R	S	1	2
F1	1	2 7/8	4'-0 3/8	2'-1 1/8	1'-7 7/8	3'-10 7/8	1'-11 1/8	1'-5 7/8	6'-6 1/8	6'-11 1/2	6'-9 1/2	6'-9 3/8	6'-7	3 3/8	4 3/8	a2	a3
F2	1	0	4'-0 9/8	2'-1 1/8	1'-7 7/8	3'-10 7/8	1'-11 1/8	1'-5 7/8	6'-6 1/2	6'-10 9/8	6'-8 1/2	6'-9 1/8	6'-8	3 9/8	3 15/8	a4	a5
F4	1	2 7/8	4'-0 3/8	2'-1 1/8	1'-7 7/8	4'-4 3/8	2'-5 3/8	1'-11 3/8	6'-6 1/2	6'-11 5/8	6'-9 1/4	6'-10 13/8	6'-8 3/4	4	4 1/4	a6	a7
F5	1	0	4'-0 3/8	2'-1 1/8	1'-7 7/8	4'-4 3/8	2'-5 3/8	1'-11 3/8	6'-6 5/8	6'-10 7/8	6'-8 1/2	6'-11 3/4	6'-9 3/4	4 7/8	3 1/8	a4	a8
F7	8	2 7/8	3'-10	1'-11	1'-5	3'-10	1'-11	1'-5	6'-6 1/8	6'-10 5/8	6'-8 1/2	6'-9 1/8	6'-7	3 1/8	3 15/8	a4	a3

SHIP	BILL OF MATERIAL		JOB NO.	DRAWING NO.	REV.		
			4-7	53-1	△		
MARK	NO.	MARK	SHAPE	LENGTH	WT.	WT.	REMARKS
F1	1		CROSSFRAME				
	2	p1	R 1/2 x 12	1 8 1/2	24 1/2	3/8	70
	2	p2	R 1/2 x 19 1/2	1 8 1/2	24 1/2	3/8	113
	1	p3	R 1/2 x 6	1 10	30	3/8	19
	1	a1	L 5 x 5 x 3/8	6 4 1/2	120	3/8	78
	1	a2	L 5 x 5 x 3/8	6 9 1/2	180	3/8	84
	1	a3	L 5 x 5 x 3/8	6 7	120	3/8	81
F2	1		CROSSFRAME				
	2	p1	R 1/2 x 12	1 8 1/2	24 1/2	3/8	70
	2	p2	R 1/2 x 19 1/2	1 8 1/2	24 1/2	3/8	113
	1	p3	R 1/2 x 6	1 10	30	3/8	19
	1	a1	L 5 x 5 x 3/8	6 4 1/2	120	3/8	78
	1	a4	L 5 x 5 x 3/8	6 8 1/2	165	3/8	83
	1	a5	L 5 x 5 x 3/8	6 8	120	3/8	82
F4	1		CROSSFRAME				
	2	p1	R 1/2 x 12	1 8 1/2	24 1/2	3/8	70
	2	p2	R 1/2 x 19 1/2	1 8 1/2	24 1/2	3/8	113
	1	p3	R 1/2 x 6	1 10	30	3/8	19
	1	a1	L 5 x 5 x 3/8	6 4 1/2	120	3/8	78
	1	a6	L 5 x 5 x 3/8	6 9 1/2	180	3/8	83
	1	a7	L 5 x 5 x 3/8	6 8 1/2	165	3/8	83
F5	1		CROSSFRAME				
	2	p1	R 1/2 x 12	1 8 1/2	24 1/2	3/8	70
	2	p2	R 1/2 x 19 1/2	1 8 1/2	24 1/2	3/8	113
	1	p3	R 1/2 x 6	1 10	30	3/8	19
	1	a1	L 5 x 5 x 3/8	6 4 1/2	120	3/8	78
	1	a4	L 5 x 5 x 3/8	6 8 1/2	165	3/8	83
	1	a8	L 5 x 5 x 3/8	6 9 1/2	180	3/8	84
F7	8		CROSSFRAMES				
	16	p1	R 1/2 x 12	1 8 1/2	24 1/2	3/8	558
	16	p2	R 1/2 x 19 1/2	1 8 1/2	24 1/2	3/8	907
	8	p3	R 1/2 x 6	1 10	30	3/8	150
	8	a1	L 5 x 5 x 3/8	6 4 1/2	120	3/8	627
	8	a4	L 5 x 5 x 3/8	6 8 1/2	165	3/8	660
	8	a3	L 5 x 5 x 3/8	6 7	120	3/8	618

IT. NO. 506.91 BR. NO. 4 PROJ. NO. F020-1(10)

FOR APPROVAL FOR FILES & FIELD

STEEL: ASTM A36 A572 GR. A588 GR. Unless Noted

WELDING ELECTRODE: E70 See Welding Proc. None

SHOP CONN: Bolted Welded None

FIELD CONN: Bolted Welded None

HOLES: 13/16 15/16 Unless Noted None

PAINT: None Shopcoat Galv. After Fab. As Noted

SPECIAL PAINT: NONE

SPECIAL CLEANING: Blast Clean None SSPC-SP6

INT. CROSSFRAMES

APPROVED: 5-17-84	Bancroft & Martin Inc. South Portland, Maine 04106 JOB: T.H. 22 OVER U.S. RTE. 4 E.B. & W.B. RUTLAND, VERMONT
PRINT DIST.	
7 4-11-84 APP.	
8 6-17-84 FAB.	
NR	F&F.
CUSTOMER: M&J CONSTRUCTION CO.	
DESIGNER: STATE OF VERMONT AGENCY OF TRANS.	
REV. △	ORDER NO.
CHECKED 4/2/84 GK	JOB NO.
DRAWN 3-14-84 RLA	DRAWING NO.
	REV.

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