



PIER K-FRAMES

MARK	NO	REQ'D	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(K)	(N)	(P)	(Q)	(R)	(S)	(T)	(U)	(1)	(2)	(3)
K1	1	7/8	8'-6 1/16	4'-2 5/16	6'-10	4'-8 1/2	3'-4	1'-2	12	11	12	10 1/16	6'-4	5'-2	6'-4 5/8	5'-2 1/2	a2	a3	p5		
K2	1	3/16	8'-6 3/4	4'-2 3/8	6'-10	4'-8 1/2	3'-4	1'-2	12	11 1/4	12	10 7/16	6'-2 1/16	5'-1	6'-5 3/4	5'-3 3/4	a4	a5	p5		
K3	1	6 3/4	8'-6 7/8	4'-2 7/16	6'-10	4'-8 1/2	3'-4	1'-2	12	11 9/16	12	10 5/16	6'-1 7/8	4'-11 3/4	6'-6 3/8	5'-4 3/4	a6	a7	p5		
K5	1	1 1/8	8'-6 1/16	4'-2 5/16	6'-0	3'-10 1/2	2'-6	1'-5	10 5/8	12	11 1/16	12	5'-8 5/8	4'-5 1/2	5'-9 7/8	4'-6 3/4	a8	a9	p6		

SHIP		BILL OF MATERIAL				JOB NO.	DRAWING NO.	REV.
						4-7	53-6	△
MARK	NO.	MARK	SHAPE	LENGTH	WT.	FRAM	WT.	REMARKS
K1	1		K-FRAME					
	1	p1	R 1/2 x 18	1 9 3/4		3/L	56	
	1	p2	R 1/2 x 18	1 9 3/8		3/L	55	
	1	p3	R 1/2 x 21	1 9 3/4		3/M	65	
	1	p4	R 1/2 x 21	1 9 3/8		3/M	64	
	1	p5	R 1/2 x 17	2 4		3/N	67	
	1	t1	WT 5 x 11	8 5		3/I	93	
	1	a1	L 5 x 5 x 3/8	8 5		3/K	104	
	1	a2	L 5 x 5 x 3/8	5 2		3/J	64	
	1	a3	L 5 x 5 x 3/8	5 2 1/2		3/J	64	
K2	1		K-FRAME					
	1	p1	R 1/2 x 18	1 9 3/4		3/L	56	
	1	p2	R 1/2 x 18	1 9 3/8		3/L	55	
	1	p3	R 1/2 x 21	1 9 3/4		3/M	65	
	1	p4	R 1/2 x 21	1 9 3/8		3/M	64	
	1	p5	R 1/2 x 17	2 4		3/N	67	
	1	t1	WT 5 x 11	8 5		3/I	93	
	1	a1	L 5 x 5 x 3/8	8 5		3/K	104	
	1	a4	L 5 x 5 x 3/8	5 1		3/J	63	
	1	a5	L 5 x 5 x 3/8	5 3 3/4		3/J	65	
K3	1		K-FRAME					
	1	p1	R 1/2 x 18	1 9 3/4		3/L	56	
	1	p2	R 1/2 x 18	1 9 3/8		3/L	55	
	1	p3	R 1/2 x 21	1 9 3/4		3/M	65	
	1	p4	R 1/2 x 21	1 9 3/8		3/M	64	
	1	p5	R 1/2 x 17	2 4		3/N	67	
	1	t1	WT 5 x 11	8 5		3/I	93	
	1	a1	L 5 x 5 x 3/8	8 5		3/K	104	
	1	a6	L 5 x 5 x 3/8	4 11 3/4		3/J	61	
	1	a7	L 5 x 5 x 3/8	5 4 3/4		3/J	66	
K5	1		K-FRAME					
	1	p1	R 1/2 x 18	1 9 3/4		3/L	56	
	1	p2	R 1/2 x 18	1 9 3/8		3/L	55	
	1	p3	R 1/2 x 21	1 9 3/4		3/M	65	
	1	p4	R 1/2 x 21	1 9 3/8		3/M	64	
	1	p6	R 1/2 x 17	2 10		3/N	82	
	1	t1	WT 5 x 11	8 5		3/I	93	
	1	a1	L 5 x 5 x 3/8	8 5		3/K	104	
	1	a8	L 5 x 5 x 3/8	4 5 1/2		3/P	55	
	1	a9	L 5 x 5 x 3/8	4 6 3/4		3/P	56	
							2.525 #	

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

**FOR APPROVAL** | **FOR FILES & FIELD**

STEEL: ASTM.  A36  A572 GR1  A588 GR1  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

**PIER K-FRAMES**

APPROVED: 5-17-84  
 PRINT DIST.  
 7 4-11-84 APP.  
 8 6-27-84 FAB.  
 N/E F&F.

**Rancroft & Martin Inc.**  
 South Portland, Maine 04106

JOB: T.H. 22 OVER U.S. RTE. 4 E.B. & W.B. RUTLAND, VERMONT

CUSTOMER: M & J CONSTRUCTION CO.

DESIGNER: STATE OF VERMONT AGENCY OF TRANS.

REV. △			
CHECKED	4/2/84	GK	
DRAWN	3-16-84	RLA	

ORDER NO. 4-7 JOB NO. 53-6 DRAWING NO. REV. △

ALL CONNECTIONS DETAILED ON THIS DRAWING REPRESENT RANCROFT & MARTIN INC. STANDARDS. IN APPROVING THIS DRAWING FOR FABRICATION, THE ARCHITECT AND/OR ENGINEER ASSUMES THE RESPONSIBILITY FOR THE STRUCTURAL INTEGRITY OF ALL CONNECTIONS SHOWN.