



CROSSFRAMES

| MARK  | NO REQ'D | (A)   | (B)       | (C)       | (D)        | (E)      | (F)      | (G)      | (H)        | (K)        | (M)       | (N)       | (P)       | (R)     | (S)    | (1) | (2) |
|-------|----------|-------|-----------|-----------|------------|----------|----------|----------|------------|------------|-----------|-----------|-----------|---------|--------|-----|-----|
| FIG 1 | 1        | 2 7/8 | 4'-3 5/16 | 2'-4 5/16 | 1'-10 5/16 | 4'-0     | 2'-1     | 1'-7     | 6'-6 3/4   | 7'-0 7/16  | 6'-10 1/2 | 6'-9 9/16 | 6'-7 1/2  | 3 3/8   | 4 3/4  | a2  | a3  |
| F17   | 1        | 0     | 4'-3 5/16 | 2'-4 5/16 | 1'-10 5/16 | 4'-0     | 2'-1     | 1'-7     | 6'-6 9/16  | 6'-11 7/16 | 6'-9 1/2  | 6'-10 3/8 | 6'-8 1/4  | 3 13/16 | 4 5/16 | a4  | a5  |
| F19   | 1        | 2 7/8 | 4'-0 3/8  | 2'-1 3/8  | 1'-7 3/8   | 4'-5 3/8 | 2'-6 3/8 | 2'-0 3/8 | 6'-6 1/2   | 6'-11 7/16 | 6'-9 1/2  | 6'-11 3/8 | 6'-9 1/4  | 4 11/16 | 4 5/16 | a4  | a6  |
| F20   | 1        | 0     | 4'-0 3/8  | 2'-1 3/8  | 1'-7 3/8   | 4'-5 3/8 | 2'-6 3/8 | 2'-0 3/8 | 6'-6 11/16 | 6'-10 1/2  | 6'-8 1/2  | 7'-0 3/8  | 6'-10 1/4 | 4 5/8   | 3 7/8  | a7  | a8  |

| SHIP  |     | BILL OF MATERIAL |            | JOB NO.  | DRAWING NO. | REV.     |     |         |
|-------|-----|------------------|------------|----------|-------------|----------|-----|---------|
|       |     |                  |            | 4-7      | 53-3        | △        |     |         |
| MARK  | NO. | MARK             | SHAPE      | LENGTH   | WT.         | ITEM NO. | WT. | REMARKS |
| FIG 1 |     |                  | CROSSFRAME |          |             |          |     |         |
|       | 2   | p1               | R2x12      | 1 8 1/2  | 24.078      | 3/C      | 70  |         |
|       | 2   | p2               | R2x19 1/2  | 1 8 1/2  | 34.678      | 3/D      | 113 |         |
|       | 1   | p3               | R2x6       | 1 10     | 10.319      | 3/E      | 19  |         |
|       | 1   | a1               | L5x5x3/8   | 6 4 1/2  | 25.47       | 3/F      | 78  |         |
|       | 1   | a2               | L5x5x3/8   | 6 10 1/2 | 34.77       | 3/G      | 85  |         |
|       | 1   | a3               | L5x5x3/8   | 6 7 1/2  | 24.27       | 3/G      | 81  |         |
| F17   | 1   |                  | CROSSFRAME |          |             |          |     |         |
|       | 2   | p1               | R2x12      | 1 8 1/2  | 24.078      | 3/C      | 70  |         |
|       | 2   | p2               | R2x19 1/2  | 1 8 1/2  | 34.678      | 3/D      | 113 |         |
|       | 1   | p3               | R2x6       | 1 10     | 10.319      | 3/E      | 19  |         |
|       | 1   | a1               | L5x5x3/8   | 6 4 1/2  | 25.47       | 3/F      | 78  |         |
|       | 1   | a4               | L5x5x3/8   | 6 9 1/2  | 31.77       | 3/G      | 84  |         |
|       | 1   | a5               | L5x5x3/8   | 6 8 1/4  | 29.77       | 3/G      | 82  |         |
| F19   | 1   |                  | CROSSFRAME |          |             |          |     |         |
|       | 2   | p1               | R2x12      | 1 8 1/2  | 24.078      | 3/C      | 70  |         |
|       | 2   | p2               | R2x19 1/2  | 1 8 1/2  | 34.678      | 3/D      | 113 |         |
|       | 1   | p3               | R2x6       | 1 10     | 10.319      | 3/E      | 19  |         |
|       | 1   | a1               | L5x5x3/8   | 6 4 1/2  | 25.47       | 3/F      | 78  |         |
|       | 1   | a4               | L5x5x3/8   | 6 9 1/2  | 31.77       | 3/G      | 84  |         |
|       | 1   | a6               | L5x5x3/8   | 6 9 1/4  | 31.27       | 3/G      | 83  |         |
| F20   | 1   |                  | CROSSFRAME |          |             |          |     |         |
|       | 2   | p1               | R2x12      | 1 8 1/2  | 24.078      | 3/C      | 70  |         |
|       | 2   | p2               | R2x19 1/2  | 1 8 1/2  | 34.678      | 3/D      | 113 |         |
|       | 1   | p3               | R2x6       | 1 10     | 10.319      | 3/E      | 19  |         |
|       | 1   | a1               | L5x5x3/8   | 6 4 1/2  | 25.47       | 3/F      | 78  |         |
|       | 1   | a7               | L5x5x3/8   | 6 8 1/2  | 29.27       | 3/G      | 83  |         |
|       | 1   | a8               | L5x5x3/8   | 6 10 1/4 | 34.27       | 3/G      | 84  |         |
|       |     |                  |            |          |             |          |     | 1,786 # |

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

INT. CROSSFRAMES

|                   |   |         |             |      |
|-------------------|---|---------|-------------|------|
| APPROVED: 5-17-84 | <p><i>Bancroft &amp; Martin Inc.</i><br/>         South Portland, Maine 04106</p> <p>JOB: T.H. 22 OVER U.S. RTE. 4 E.B. &amp; W.B.<br/>         RUTLAND, VERMONT</p> <p>CUSTOMER: M&amp;J CONSTRUCTION CO.</p> <p>DESIGNER: STATE OF VERMONT AGENCY OF TRANS.</p> |         |             |      |
| PRINT DIST.       |   |         |             |      |
| 7 4-11-84 APP.    |   |         |             |      |
| 8 6-27-84 FAB.    |   |         |             |      |
| 1/R               | F&F.  |         |             |      |
| REV. △            | ORDER NO.   | JOB NO. | DRAWING NO. | REV. |
| CHECKED 4/2/84 GK |   | 4-7     | 53-3        | △    |
| DRAWN 3-14-84 RLA |   |         |             |      |

ALL CONNECTIONS DETAILED ON THIS DRAWING REPRESENT BANCROFT & 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.