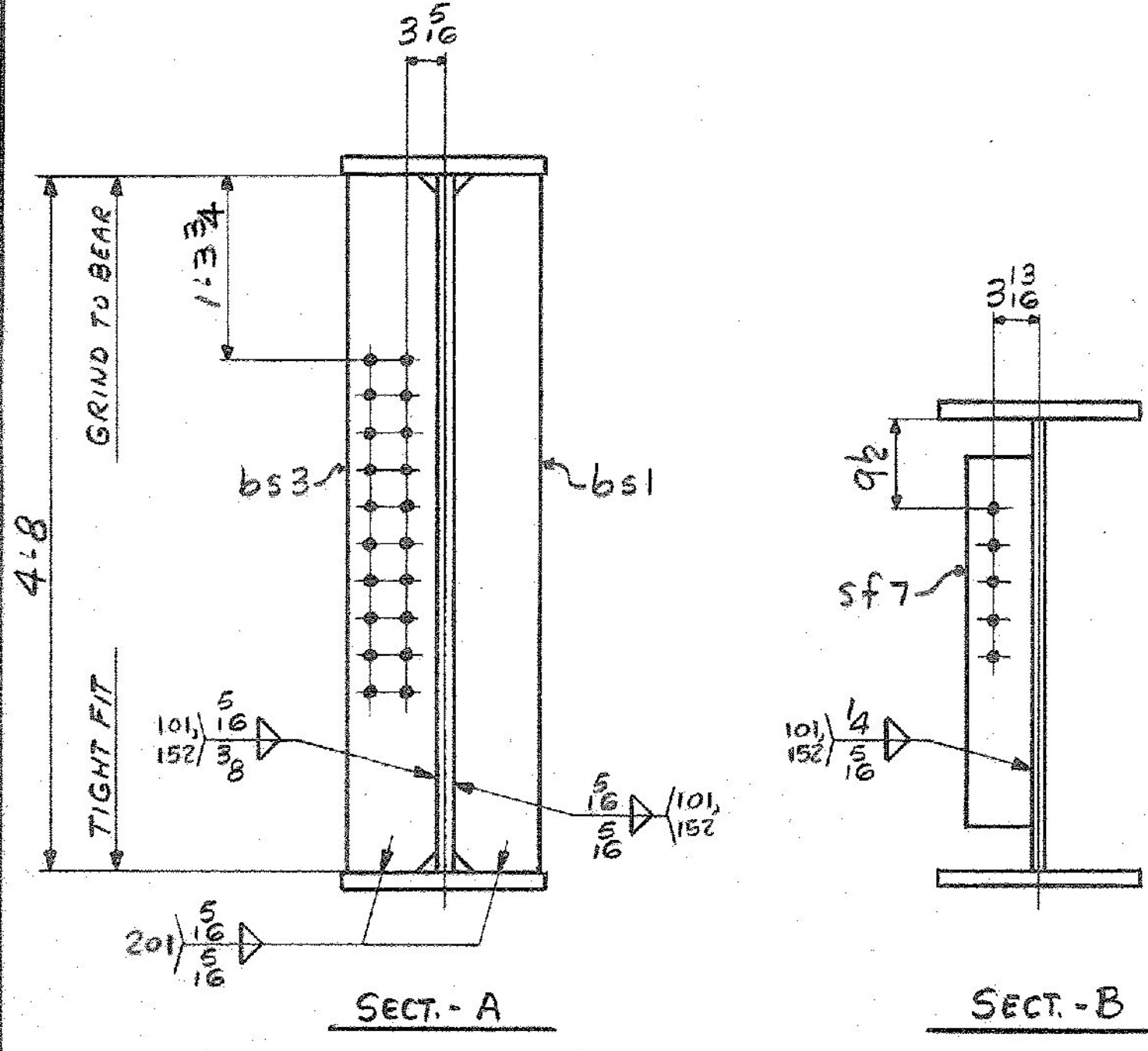
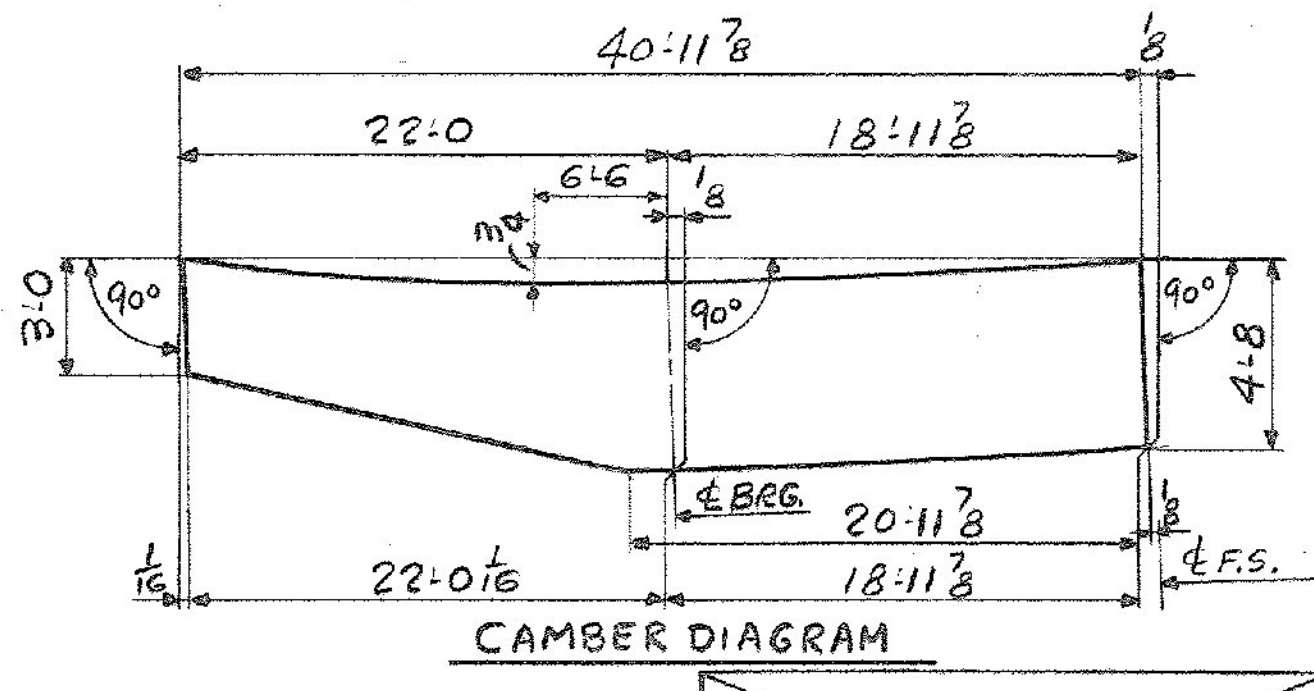


**ONE - GIRDER - G7A**  
 FOR GIRDER STANDARD DETAILS SEE DWG. 52-2  
 FOR WEB R CUTTING SK. & FLG. R ASSY SEE DWG. 52-1  
 FOR SHOP ASSEMBLY DIAGRAM SEE DWG. 52-1



| DIM. (X) |
|----------|
| 4-G      |
| 8-G      |
| 12-G     |
| 16-G     |
| 20-G     |
| 24-G     |
| 28-G     |
| 32-G     |
| 36-G     |
| 38-G     |



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.

| SHIP  |             | BILL OF MATERIAL |             | JOB NO.                        | DRAWING NO.          | REV.    |             |
|---|-------------|------------------|-------------|--------------------------------|----------------------|---------|-------------|
| G7A   |             | GIRDER           |             | 4-8                            | 52-3                 | △       |             |
| MARK  | NO.         | MARK             | SHAPE       | LENGTH                         | WTF.                 | ITEM WT | REMARKS     |
| 1   | WPI         | R                | 7/8 x 5 1/2 | 41 0                           | 10.53/4 x 21.3       | 1/4     | 4012 CVN    |
| 1   | tf1         | R                | 1 1/2 x 16  | 40 11 3/8                      | 41.2                 | 1/4     | 2511 CVN    |
| 1   | bf1         | R                | 3/8 x 16    | 20 0 1/8                       | 24.3                 | 1/4     | 956         |
| 1   | bf2         | R                | 1 1/2 x 16  | 20 11 3/8                      | 21.2                 | 1/8     | 1286        |
| 2   | sp1         | R                | 2 x 5 1/2   | 2 2                            | 2.0 x 3/4            | 1/4     | 380 CVN     |
| 1   | sp2         | R                | 2 x 16      | 2 5                            | 2.0 x 12.0           | 1/8     | 66 CVN      |
| 2   | sp3         | R                | 3/8 x 7     | 2 5                            | 10.4/11 x 12.4/13    | 1/4     | 72 CVN      |
| 1   | sp4         | R                | 4 x 16      | 1 2 3/8                        | 5.7 x 16.0           | 1/8     | 16          |
| 1   | sp5         | R                | 3/8 x 16    | 2 11                           | 18.7/19.0            | 1/8     | 99 CVN      |
| 2   | sp6         | R                | 1/2 x 7     | 2 11                           | 11.0 x 7.0           | 1/4     | 96 CVN      |
| 1   | bs1         | BAR              | 7/8 x 1 3/8 | 4 8                            | 1.0 x 1.0            | 1/4     | 97 MIE FILE |
| 1   | bs3         | BAR              | 7/8 x 1 3/8 | 4 8                            | 1.0 x 1.0            | 1/4     | 97 MIE FILE |
| 1   | sf7         | BAR              | 5 x 5/8     | 2 6                            | 1.0 x 5/8            | 1/4     | 27 MIE FILE |
| 1   | fb1         | R                | 4 x 2 3/8   | 0 10 1/8                       | 5.0                  | 1/4     | 2           |
|   |             |                  |             |                                |                      |         | 7717        |
| IT. NO. 506.91  |             |                  |             | BR. NO. 1                      | PROJ. NO. F020-1(10) |         |             |
| <b>FOR APPROVAL</b>   |             |                  |             | <b>FOR FILES &amp; FIELD</b>   |                      |         |             |
| STEEL: ASTM <input type="checkbox"/> A36 <input type="checkbox"/> A572 GR <input checked="" type="checkbox"/> A572 GR <input type="checkbox"/> Unless Noted   |             |                  |             |                                |                      |         |             |
| WELDING ELECTRODE: <input type="checkbox"/> E70 <input checked="" type="checkbox"/> See Welding Proc. <input type="checkbox"/> None                           |             |                  |             |                                |                      |         |             |
| SHOP CONN: <input type="checkbox"/> Bolted <input checked="" type="checkbox"/> Welded <input type="checkbox"/> None   |             |                  |             |                                |                      |         |             |
| FIELD CONN: <input checked="" type="checkbox"/> Bolted <input checked="" type="checkbox"/> Welded <input type="checkbox"/> None                               |             |                  |             |                                |                      |         |             |
| HOLES: <input type="checkbox"/> 13/16 <input checked="" type="checkbox"/> 15/16 <input type="checkbox"/> Unless Noted <input type="checkbox"/> None           |             |                  |             |                                |                      |         |             |
| PAINT: <input checked="" type="checkbox"/> None <input type="checkbox"/> Shopcoat <input type="checkbox"/> Galv. After Fab. <input type="checkbox"/> As Noted |             |                  |             |                                |                      |         |             |
| SPECIAL PAINT: <input checked="" type="checkbox"/> Blast Clean <input type="checkbox"/> None <input type="checkbox"/> SSPC-SP6                                |             |                  |             |                                |                      |         |             |
| SPECIAL CLEANING: <input checked="" type="checkbox"/> Blast Clean <input type="checkbox"/> None <input type="checkbox"/> SSPC-SP6                             |             |                  |             |                                |                      |         |             |
| <b>GIRDER G7A</b>   |             |                  |             |                                |                      |         |             |
| APPROVED: 5-8-84  |             |                  |             | PRINT DIST.                    |                      |         |             |
| 7 3-26-84 APP.  |             |                  |             | Bancroft & Martin Inc.         |                      |         |             |
| 8 5-10-84 FAB.  |             |                  |             | South Portland, Maine 04106    |                      |         |             |
| 7 4-6-84 APP.   |             |                  |             | JOB: U.S. 4 OVER TWO-WAY RAMP  |                      |         |             |
|   |             |                  |             | WEST RUTLAND, RUTLAND, VERMONT |                      |         |             |
| CUSTOMER: M&J CONSTRUCTION CO.  |             |                  |             |                                |                      |         |             |
| DESIGNER: STATE OF VERMONT, AGENCY OF TRANSP.   |             |                  |             |                                |                      |         |             |
| REV. △  | ORDER NO.   | JOB NO.          | DRAWING NO. | REV.                           |                      |         |             |
| CHECKED   | 3-20-84 RW  | 4-8              | 52-3        | △                              |                      |         |             |
| DRAWN   | 2-24-84 ELC |                  |             |                                |                      |         |             |