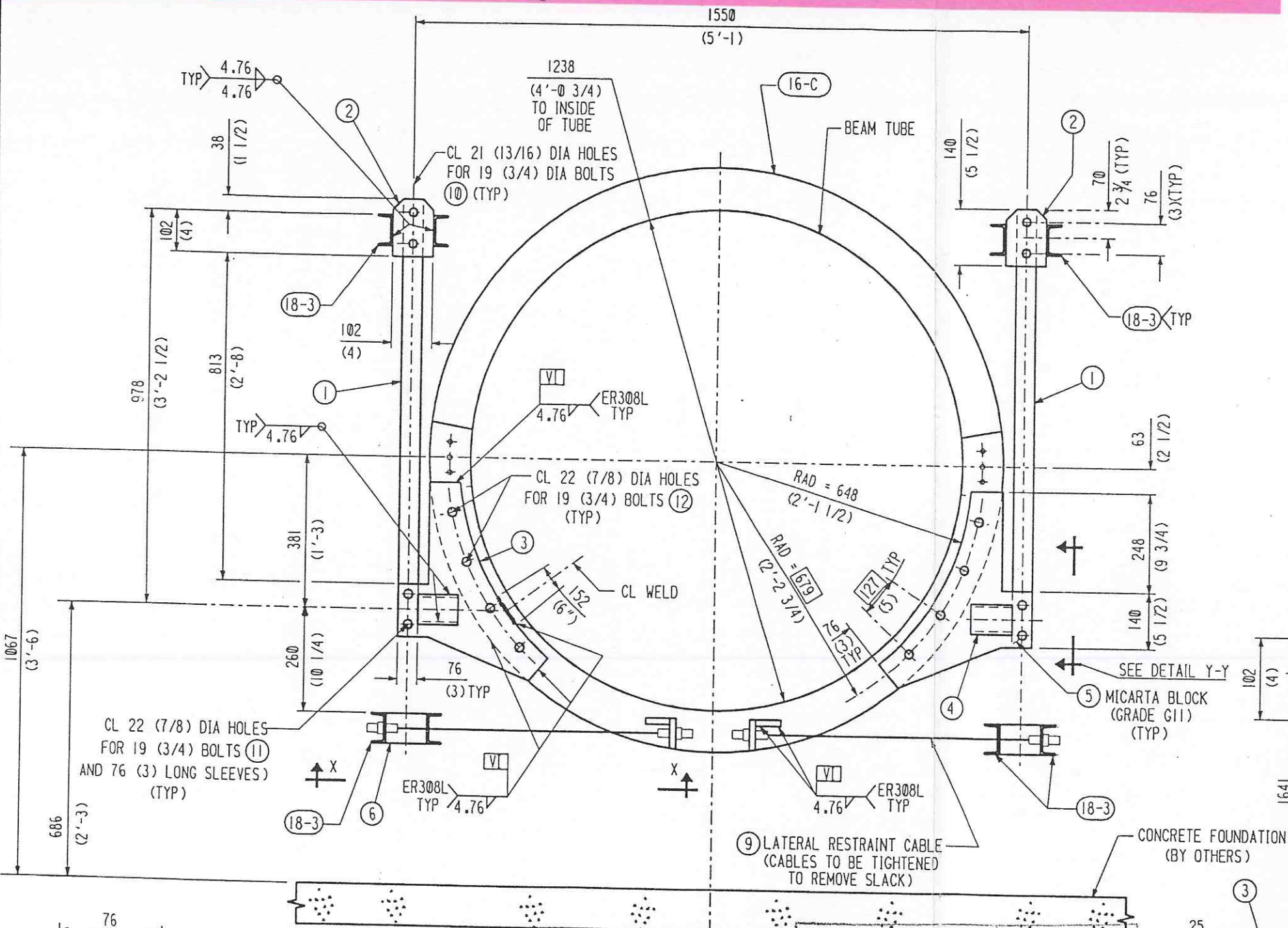
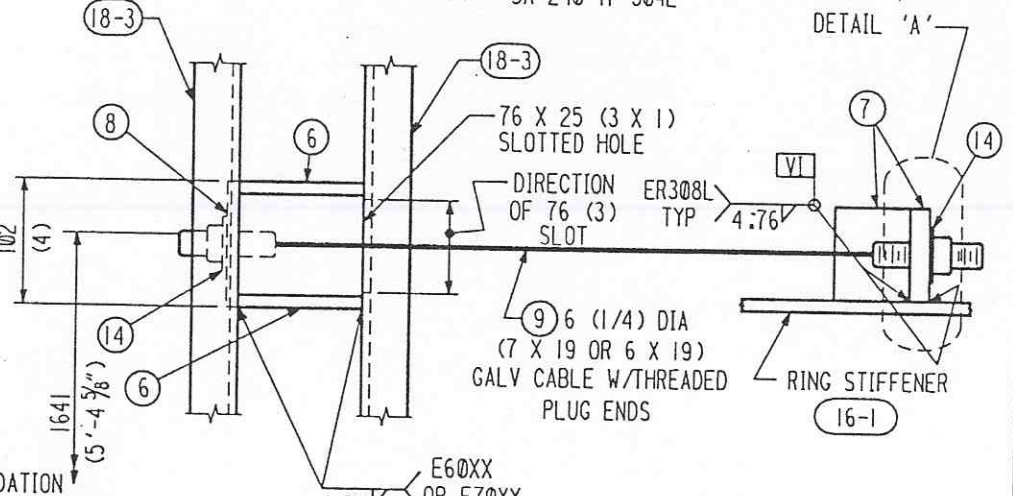


| | | | | | | | |
|------------------------|--|--------------------------|---|-------------------|--------------------|--------------------------------|--------------------|
| Date Rec'd 11/10/95 | LIGO- D950044-03-B Contractor # CBI 19 Rev. 3 | TIM# 25 Date: 3/29/96 | LIGO- C960675-00-V Approved: [Signature] | TDM: Date: / / | LIGO- Approved: | Gen'l Transmittal Date: / / | LIGO- Approved: |
|------------------------|--|--------------------------|---|-------------------|--------------------|--------------------------------|--------------------|

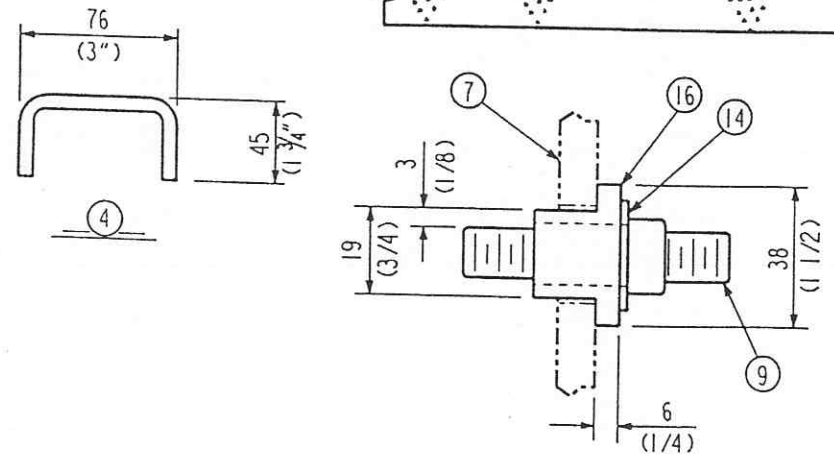


| SHIP PC | MARK | ASSM PC | DESCRIPTION | LENGTH MM | SPEC | D |
|---------|-------|---------|---------------------------------------|-----------|-----------|---|
| 4 | 19-1 | | BAR 50 X 4.76 (2 X 3/16) W/HOLES | 1093 | A572 Gr50 | |
| | | | | (3'-7) | | |
| 4 | 19-A | | GUIDED SUPPORT PLATE ASSY | | | |
| | 19-3 | 4 | PL SK X 10 (3/8) THK W/HOLES | | *** | |
| | 19-4 | 4 | PL 102 X 4.76 BEND | 165 | 304 SS | |
| | | | | (6 1/2") | | |
| 4 | 19-5 | | MICARTA BLOCK 50 X 102 X 25 W/HOLES | | | |
| | | | (2 X 4 X 1) (GRADE G11) | | | |
| 8 | 19-6 | | PL 76 X 10 (3 X 3/8) | 102 (4) | A36 | |
| 4 | 19-7 | | PL 76 X 16 (3 X 5/8) | 76 (3) | *** | |
| 4 | 19-8 | | PL 38 X 6 (1 1/2 X 1/2) W/HOLES | 102 (4) | A36 | |
| 1 | 19-9 | | RUN 6 (1/4) DIA (7 X 19 OR 6 X 19) | 3660 | | |
| | | | GALV CABLE W/1/2" THREADED PLUG ENDS | (12'-0) | | |
| 8 | 19-10 | | BOLT 19 (3/4) DIA HYV HEX W/HEX NUT | 50 (2) | A307 | |
| | | | AND WASHERS. | | | |
| 8 | 19-11 | | BOLT 19 (3/4) DIA HYV HEX W/HEX NUT | 127 (5) | 304 SS | |
| 8 | 19-15 | | 3/4" X 1/32 THK MYLAR INSULATING | 76 (3) | MYLAR | |
| | | | SLEEVE. (FROM F.H. MALONEY CO.) | | | |
| 16 | 19-12 | | BOLT 19 (3/4) DIA HYV HEX W/HEX NUT | 51 | 304 SS | |
| | | | AND STAINLESS STEEL WASHERS | (2) | | |
| 16 | 19-13 | | MICARTA BLOCK 44 X 44 X 25 W/HOLES | | | |
| | | | (1 3/4 X 1 3/4 X 1) GRADE G11 | | | |
| 8 | 19-14 | | 14 (9/16) I.D. X 35 (1 3/8) O.D. GALV | | | |
| | | | FLAT WASHER | | | |
| 8 | 19-16 | | GROMMET 38 (1 1/2) DIA X SK | | G11 | |
| | | | W/14 (9/16) HOLE | | | |

*** = SA 240 TP 304L



- NOTES
1. WORK THIS DWG WITH DWG #008, #017 AND #018
 2. BILLED FOR ONE (1) GUIDED SUPPORT. TOTAL OF 400 GUIDED SUPPORTS REQD.
 3. ALL CARBON STEEL MEMBERS TO BE GALVANIZED.

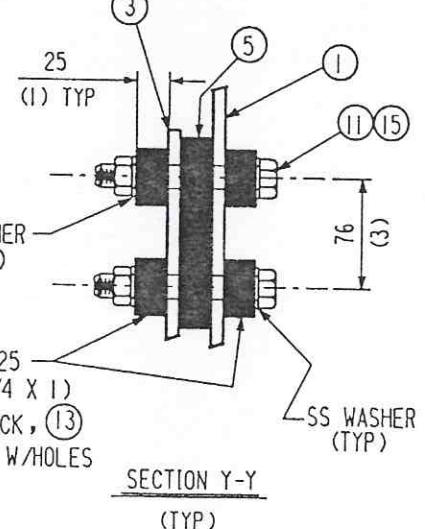


APPROVED

M. Jellalian 11/10/95

J. Jones 11/10/95

DATE DATE



| | | | | | |
|--------|--------|--------------|---------|-----------|---------|
| BY WAW | CHKD 3 | DATE 5-5-95 | REVISED | REVISIONS | REMARKS |
| BY WAW | CHKD 2 | DATE 12-7-94 | | | |
| BY WAW | CHKD 1 | DATE 7-26-94 | | | |

| | | | |
|-----------|--|---------------------|-----------------|
| REVISIONS | | REV MAT'L S & WELD. | REV'D PC (16-C) |
|-----------|--|---------------------|-----------------|

| | | | |
|----------------------------------|-------------|-----------------------------|--|
| CBI | | SUPPLIER'S / PURCHASER'S NO | |
| SECTION DETAILS | | | |
| BEAM TUBE GUIDED SUPPORT | | | |
| LIGO | | | |
| HANFORD, WA. AND LIVINGSTON, LA. | | | |
| CUSTOMER'S NO | CONTRACT NO | | |
| BY WAW CHKD DET DATE 3-15-94 | 930212 | | |
| BY D.E. THOMM | DWG 019 | REV 3 | |
| ENGINEERING ASSIGNED | SHT | | |
| LIGO-D950044-03-B | | | |

INDICATES CHANGE FROM PREVIOUS ISSUE

3212A019