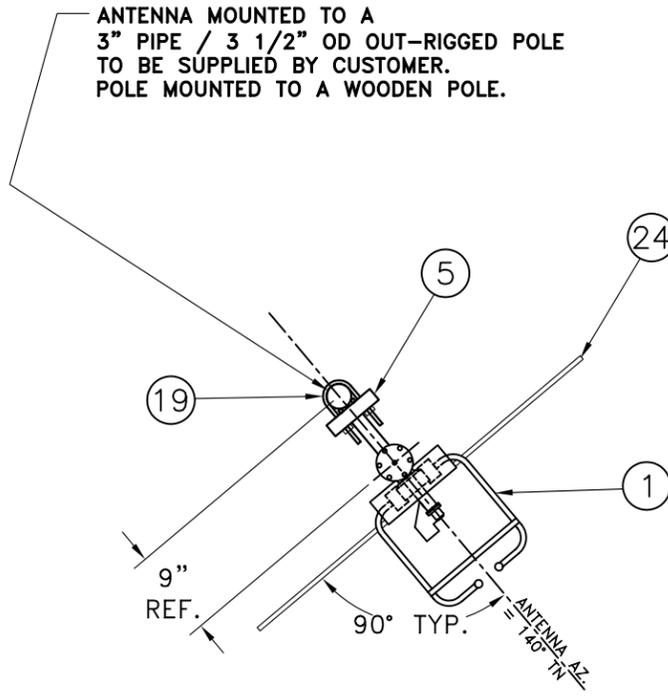
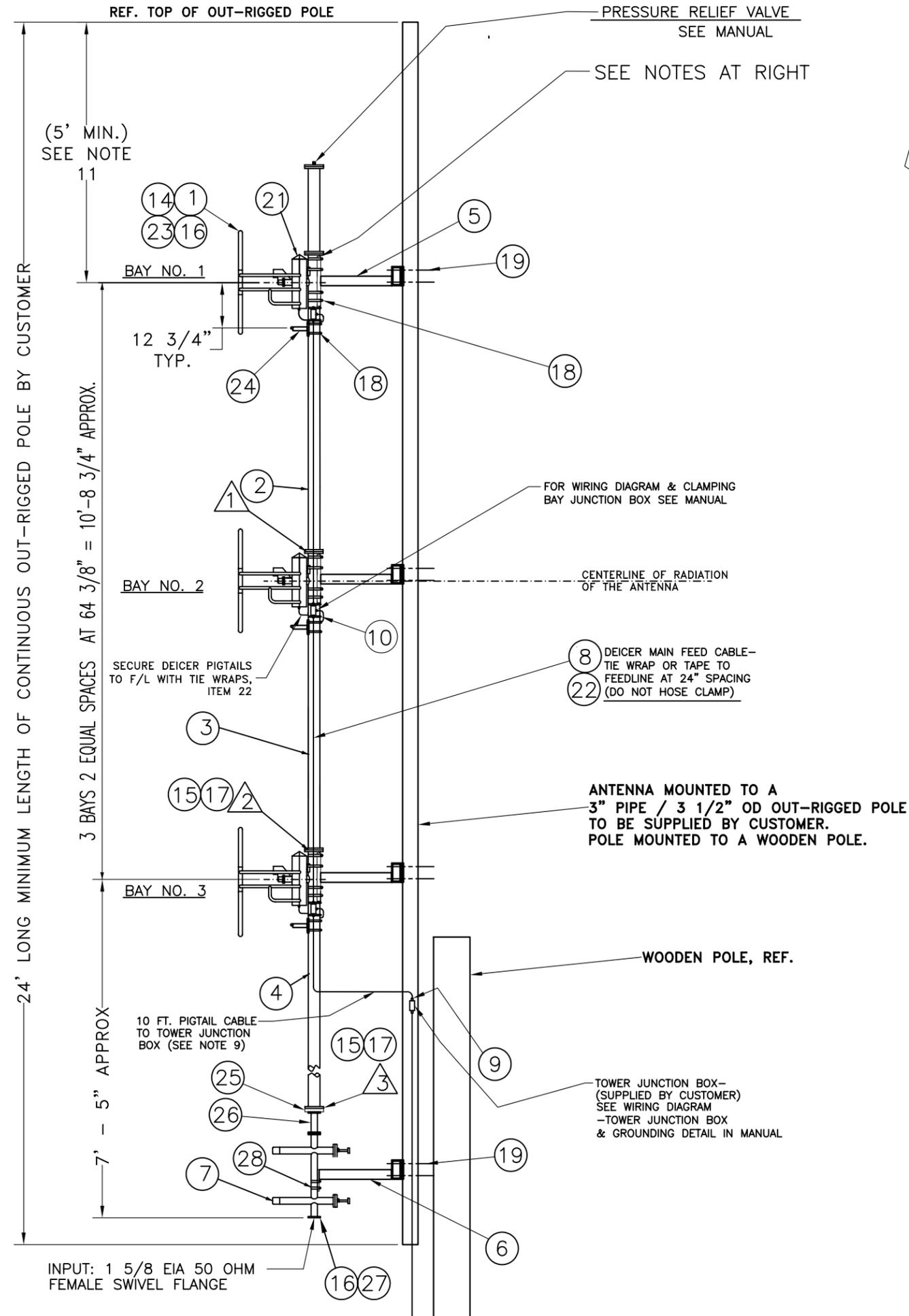


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | LTR | DESCRIPTION | DATE | APPROVED |
|           |     |             |      |          |



TOP VIEW  
TOWER: 3" PIPE ATTACHED TO WOODEN POLE

- NOTES:**
- COAT ALL O-RINGS WITH A LIGHT FILM OF LUBRICATION PRIOR TO INSTALLATION.
  - MOUNT ANTENNA SO AS TO CLEAR ALL DIAGONALS, HORIZONTALS, & GUY WIRES THAT MIGHT INTERFERE.
  - SEE INSTALLATION INSTRUCTIONS FOR TRANSFORMER ADJUSTMENT AND ADDITIONAL INFORMATION.
  - TRANSMISSION LINE AND ANTENNA MUST BE PURGED AND PRESSURIZED WITH DRY GAS BEFORE APPLYING POWER.
  - FLANGES ARE MATCH MARKED  $\triangle$  THRU  $\triangle$  AS SHOWN. ASSEMBLE IN THAT ORDER.
  - PLACE MOUNT SADDLES ON BRASS SECTION OF FEEDLINE AT REAR OF BAY RADIATOR. LINE SPOT WELD (DOT) AT REAR OF MOUNT ASSEMBLY SADDLE WITH STENCILED LINE AT REAR OF FEEDLINE BRASS SECTION. MOUNTS MAY BE MOVED UP OR DOWN SLIGHTLY ON FEEDLINE BRASS SECTIONS TO GAIN BETTER TOWER MEMBER CLEARANCE.
  - HOSE CLAMPS HAVE FACTORY STAMPED NUMBER AS PER PARTS LIST BELOW. EXAMPLE: 400
  - THE USE OF ANTI-SEIZE ON ALL U-BOLT THREADS WILL HELP PREVENT GALLING.
  - DO NOT INSTALL PIGTAIL CABLE UNSUPPORTED AS SHOWN BETWEEN FEEDLINE AND TOWER JUNCTION BOX. CUSTOMER SHOULD TIE WRAP OR TAPE TEN FOOT DEICER FEED CABLE ALONG FEEDLINE MOUNTS FOR GUIDED SUPPORT OUT TO TOWER JUNCTION BOX.
  - MOUNTS MAY BE FLIPPED OPPOSITE FROM WHAT IS SHOWN FOR BETTER TOWER MEMBER CLEARANCE.
  - THE DISTANCE FROM THE CENTERLINE OF BAY #1 TO THE TOP OF THE TOWER/POLE IS AS SPECIFIED IN THE SIDE VIEW, IT CAN BE MORE HOWEVER. IT IS THE CUSTOMER'S RESPONSIBILITY TO DETERMINE THE ACTUAL ELEVATION LOCATION OF THE ANTENNA ON THE TOWER/POLE TO MEET THE FCC CONSTRUCTION PERMIT CENTERLINE OF RADIATION REQUIREMENTS AND TO CLEAR TOWER/POLE MEMBER OBSTACLES.
  - POSITION HORIZONTAL PARASITICS ON FEEDLINE PER DIMENSIONS SHOWN. LINE UP SPOT WELD MARK (DOT) ON HORIZONTAL PARASITIC SADDLE WITH VERTICAL LINE ON FRONT OF FEEDLINE SO AS TO POSITION 90° TO BAY AS SHOWN IN TOP VIEW.

| QTY REQD | BOX NUMBER       | ITEM NO             | PART OR IDENTIFYING NO.                          | DESCRIPTION |
|----------|------------------|---------------------|--|-------------|
| 2        | 28               | B 6114-250          | CLAMP (STN. STL)                                 |             |
| 2        | 27               | B82912-G501         | FLANGE HARDWARE KIT (1 5/8)                      |             |
| 1        | 26               | C55945-G503         | 1 5/8 SPOOL PIECE ASSEMBLY x 4" LONG (F-F)       |             |
| 1        | 25               | C51608-G501         | 3 1/8 - 1 5/8 ADAPTER ASSEMBLY (M-M)             |             |
| 3        | 24               | B97625-G501         | HORIZONTAL PARASITIC ASSEMBLY                    |             |
| 3        | 23               | A93584-G503         | 6810 BAY MOUNT HARDWARE KIT                      |             |
| 20       | 22               | TY529MX             | 1/4 WIDE X 30" LONG H.D. BLACK PLASTIC TIE WRAPS |             |
| 3        | 21               | C93788-G502         | 6810 PARTIAL RADOME VACUUM FORMED                |             |
| 1        | 20               | A56259-G501         | SPARE PARTS KIT                                  |             |
| 9        | INCLUDES 1 EXTRA | B59682-10 (1/2-13)  | U-BOLT WITH HARDWARE                             |             |
| 18       | 18               | B 6114-400          | CLAMP (STN. STL)                                 |             |
| 4        | 17               | 9068-340            | O-RING, FEEDLINE FLANGES                         |             |
| 5        | 16               | 9068-328            | O-RING, BAYMOUNT FLANGE & TRANS.                 |             |
| 4 SETS   | 15               | B82912-G503         | FEEDLINE FLANGE HARDWARE                         |             |
| 3        | REF              | A51604              | BAYMOUNT CONNECTOR                               |             |
| 2        | SEE NOTE 1       | A94906-02           | LUBRICANT (PETROLEUM JELLY)                      |             |
| 1        | 12               |                     | TEST REPORT                                      |             |
| 1        | 11               |                     | INSTALLATION INSTRUCTIONS                        |             |
| 6        | 10               | B 6114-450          | CLAMP (STN STL) DEICER BOXES                     |             |
| 1        | 9                | A2426-2524          | T & B LIQUID TIGHT CONNECTOR                     |             |
| 1        | 8                | D95130-G503         | DEICER HARNESS ASSEMBLY (SO CABLE)               |             |
| 1        | 7                | D53520-G503         | TRANSFORMER ASSEMBLY (1 5/8)                     |             |
| 1        | 6                | B97624-G501         | 1 5/8 TRANSFORMER MOUNT ASSY                     |             |
| 3        | 5                | B97623-G501         | FEEDLINE MOUNT ASSEMBLY                          |             |
| 1        | 4                | D51124-G501         | FEEDLINE SECTION "L" SECTION                     |             |
| 1        | 3                | D51124-G502 (1/2SS) | FEEDLINE SECTION INTERMEDIATE                    |             |
| 1        | 2                | D51124-G507 (1/2SS) | FEEDLINE SECTION TOP (WITH EXTENSION)            |             |
| 3        | 1                | 53182-G503 - G2     | BAY ASSEMBLY (6810-3D-SS-DA)                     |             |

| BOX NUMBER  | QTY REQD                 | BOX NUMBER        | ITEM NO                                   | PART OR IDENTIFYING NO. | DESCRIPTION   |
|---|--------------------------|-------------------|---|-------------------------|---------------|
| G501  |                          | ASSY NO.          |   |                         | LIST OF PARTS |
| PREPARED ASP  |                          | DATE 11/19/09     |   | FREQ. MHZ: 91.7         |               |
| CHECKED DAB   |                          | DATE 11/19/09     |   | STATION: WAVM           |               |
| ENGINEER  |                          |                   |   | C.O.L.: MAYNARD, MA     |               |
|   |                          |                   |   | SERIAL NO.: 27880-1     |               |
|   |                          |                   |   | S.O.: 27880-A           |               |
|   |                          |                   |   | C.O.: -                 |               |
| SHIVELY LABS<br>A DIVISION OF HOWELL LABORATORIES INC., BRIDGTON, MAINE |                          |                   | TYPE 6810 ANTENNA<br>INSTALLATION DRAWING |                         |               |
| SCALE: NTS  | CODE IDENT NO<br>D 26750 | DWG. NO.<br>97551 | REV<br>-                                  | SHEET 1 OF 1            |               |