

NOTE: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK®. HIGHLAND TANK® SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE AND LOCATION OF FITTINGS, ACCESSORIES, AND COATINGS SHOWN ON THIS DRAWING.

TOUCH UP OF FINISHED PAINT IS REQUIRED BY INSTALLATION CONTRACTOR. TOUCH UP PAINT SHIPPED WITH TANK.

SHIPPING LUGS AS NEEDED

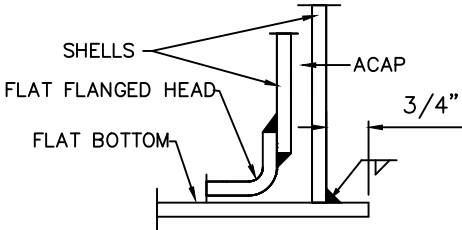
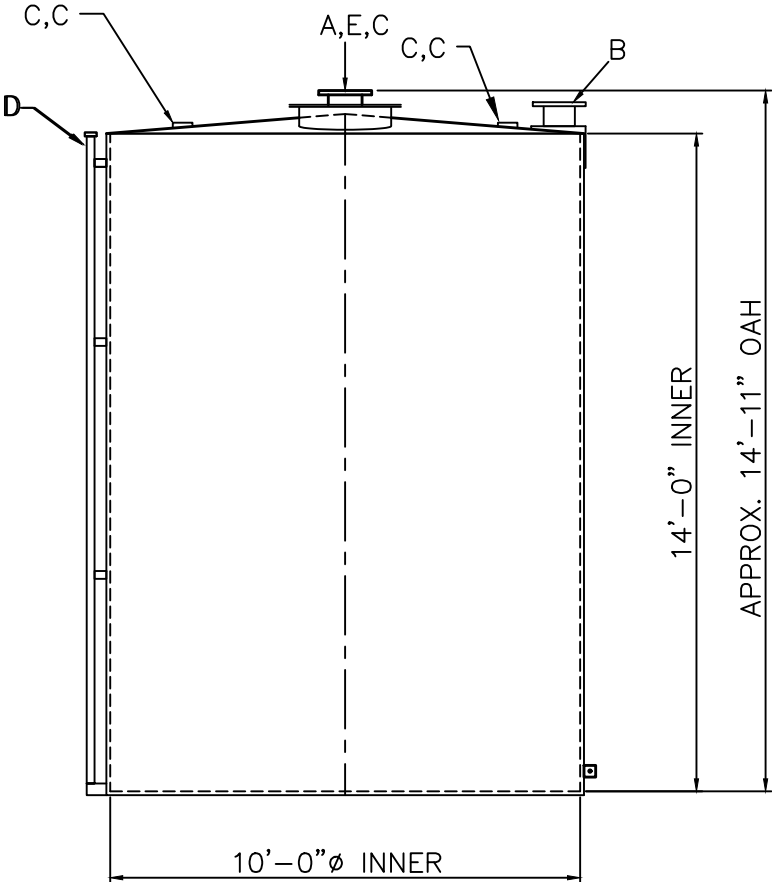
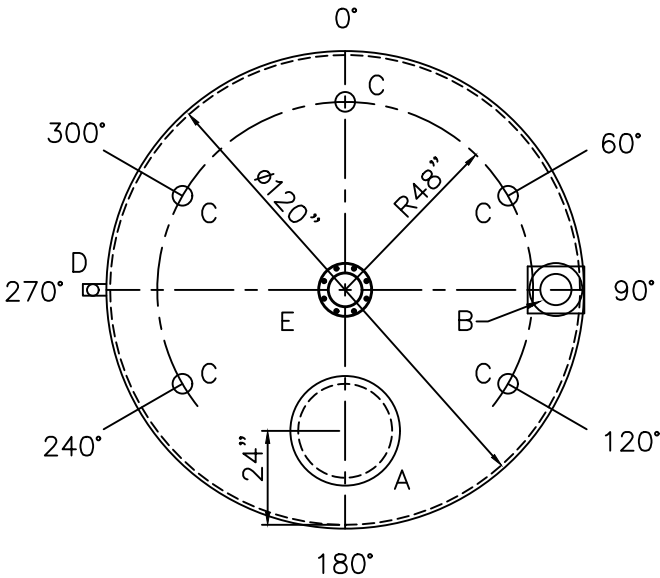
- NOTES
1. SEE PLAN VIEW FOR TRUE ORIENTATION AND LOCATION OF FITTING

2. LIFTING LUGS FOR UNLOADING UNIT & STANDING UNIT UPRIGHT TO BE PLACED AS NEEDED BY FABRICATION SHOP

3. A 3x3x1/4" STEEL GROUNDING LUG WITH A 5/8"ø HOLE IN CENTER TO BE PLACED ON SHELL AT BOTTOM OF TANK IN LINE WITH LIFTING LUGS

| DESIGN DATA                                                 |
|-------------------------------------------------------------|
| CAPACITY – 8,000 GALLON                                     |
| TYPE – VERTICAL DOUBLE WALL                                 |
| NO. REQ. – –                                                |
| OPERATING PRESSURE – ATMOSPHERIC                            |
| SPECIFIC GRAVITY = 1.0                                      |
| TANK MATERIAL – MILD CARBON STEEL                           |
| THICKNESS–TOP–7 GA SHALLOW SLOPE SINGLE WALL                |
| THICKNESS–INNER– SHELL: 1/4"     BOTTOM: 1/4"               |
| THICKNESS–OUTER– SHELL: 7 GA     BOTTOM: 1/4"               |
| CONSTRUCTION – LAP WELD OUTSIDE ONLY– INNER & OUTER         |
| TANK TEST – INNER: 2 PSIG<br>OUTER: +2 PSIG OR 13"hg VACUUM |
| INT. FINISH – NONE<br>–                                     |
| EXT. FINISH – SHOP PRIMER<br>–                              |
| LABEL – UL 142                                              |

| LEGEND |                                                                                                               |
|--------|---------------------------------------------------------------------------------------------------------------|
| A      | 24"ø TIGHT BOLT MANWAY w/ 1/8" FIBREFLEX GASKET MATERIAL.                                                     |
| B      | 8" FFSO 150# FLANGE IN INTERSTICE EXTENSION BOX – MARK WITH WARNING LABEL – SECONDARY EMERGENCY VENT USE ONLY |
| C      | 4" FNPT FITTING                                                                                               |
| D      | 2" INTERSTITIAL MONITOR PIPE                                                                                  |
| E      | 8" FFSO 150# FLANGE – PRIMARY EMERGENCY VENT                                                                  |
| F      |                                                                                                               |



BOTTOM JOINT DETAIL

|                                                                                       |       |                      |                          |           |  |
|---------------------------------------------------------------------------------------|-------|----------------------|--------------------------|-----------|--|
| △                                                                                     |       |                      |                          |           |  |
|  |       | <b>Highland Tank</b> |                          |           |  |
| UNLESS NOTED, TOLERANCES ARE +/- 1"                                                   |       |                      |                          |           |  |
| 8,000 GAL 120"ø DW VERTICAL                                                           |       |                      |                          |           |  |
| CUSTOMER:                                                                             |       |                      |                          |           |  |
| PROJECT:                                                                              |       |                      |                          |           |  |
| QUOTE NO:                                                                             |       |                      |                          | CHK'D BY: |  |
| SCALE:<br>1/4"=1'-0"                                                                  | DATE: | DWG. BY:             | DWG. NO.:<br>8000AVDW120 |           |  |