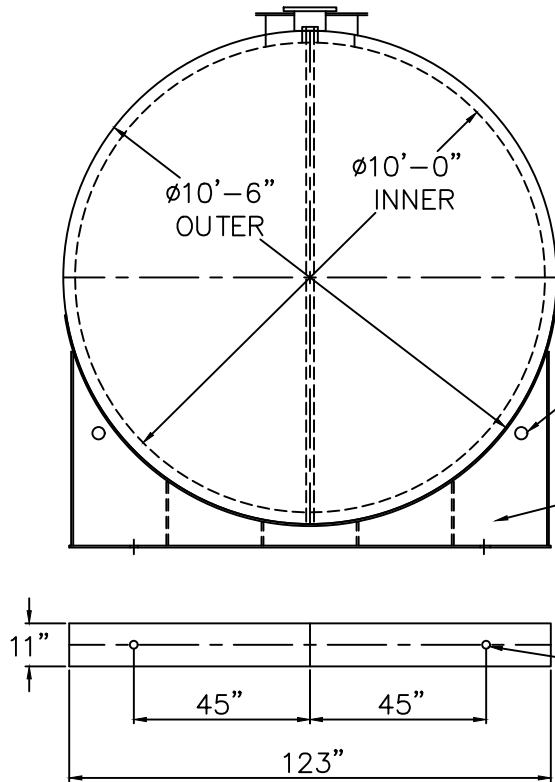


NOTE: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK®. HIGHLAND TANK® SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE AND LOCATION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



SHIPMENT BANDING HOLES, (2) PER SADDLE TYP.

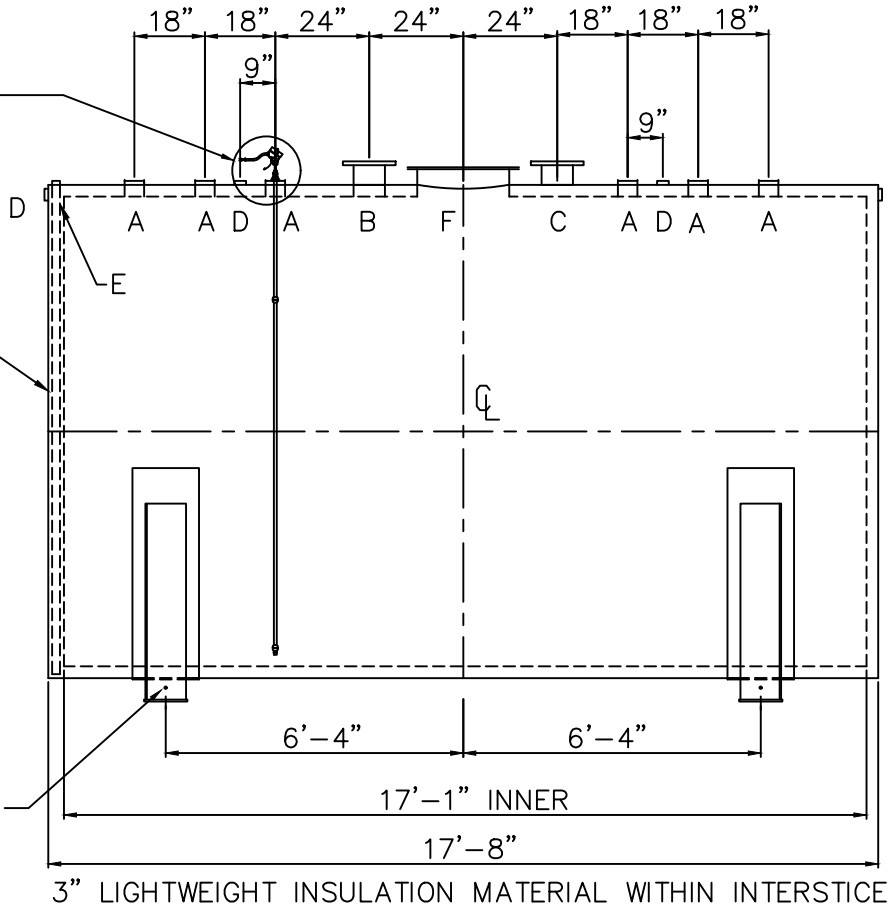
(2) 10'-6"  $\phi$  x 6" HIGH SADDLES SEAL WELDED TO TANK

2" HOLE TYP

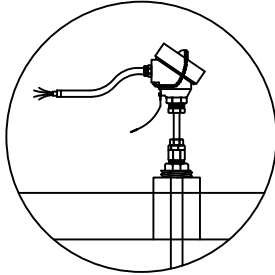
5/8"  $\phi$  GROUNDING HOLE IN SADDLE

SEE HIGH-LINK LEVEL MODULE DETAIL

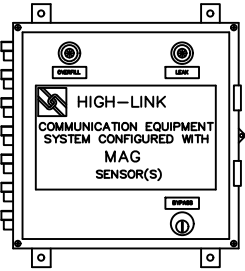
4" INTERSTICE THIS END ONLY



3" LIGHTWEIGHT INSULATION MATERIAL WITHIN INTERSTICE



HIGH-LINK LEVEL SHIELD DETAIL



COMMUNICATION BOX DETAIL

### DESIGN DATA

|                                                       |
|-------------------------------------------------------|
| CAPACITY : 10,000 GALLONS                             |
| TYPE: FIREGUARD® CYLINDRICAL                          |
| FIREGUARD® IS A TRADEMARK OF THE STEEL TANK INSTITUTE |
| NO. REQ. --                                           |
| OPERATING PRESSURE -- ATMOSPHERIC                     |
| SPECIFIC GRAVITY = 1.0                                |
| TANK MATERIAL -- MILD CARBON STEEL                    |
| THICKNESS -- INNER -- HEADS: 5/16", SHELL: 1/4"       |
| THICKNESS -- OUTER -- HEADS: 5/16", SHELL: 1/4"       |
| MIN. GAUGE OR THICKNESS (PER U.L. 2085)               |
| CONSTRUCTION -- INNER -- LAP WELD OUTSIDE ONLY        |
| CONSTRUCTION -- OUTER -- LAP WELD OUTSIDE ONLY        |
| TANK TEST -- INNER -- 5 PSIG                          |
| OUTER -- 5 PSIG                                       |
| INT. FINISH -- NONE                                   |
| EXT. FINISH -- SP-6 BLAST, FINISH PAINT WHITE         |
| LABEL-- UL 2085 AND FIREGUARD® PER sti                |

### LEGEND

|   |                                                                                                                    |
|---|--------------------------------------------------------------------------------------------------------------------|
| A | 4" FEMALE FIREGUARD COUPLING                                                                                       |
| B | 8" FFSO 150# FLANGE -- PRIMARY EMERGENCY VENT USE ONLY                                                             |
| C | 8" FFSO 150# FLANGE THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL INTERSTITIAL EMERGENCY VENT USE ONLY |
| D | 2" FITTING THROUGH OUTER SHELL ONLY WITH CAST IRON PLUG-- MFG USE ONLY                                             |
| E | 2" INTERSTITIAL MONITOR PIPE -- MALE NPT END                                                                       |
| F | 24" x 1/4" PLATE TIGHT BOLT MANWAY WITH 1/8" THICK FIBREFLEX GASKET                                                |

NOTES:  
STRIKER PLATES ARE NOT SUPPLIED ON FIREGUARDS® UNLESS SPECIFIED

|                                        |       |                      |                           |           |  |
|----------------------------------------|-------|----------------------|---------------------------|-----------|--|
| △                                      |       |                      |                           |           |  |
|                                        |       | <b>Highland Tank</b> |                           |           |  |
| UNLESS NOTED, TOLERANCES ARE +/- 1"    |       |                      |                           |           |  |
| 10,000 GAL 120" $\phi$ CYL. FIREGUARD® |       |                      |                           |           |  |
| PATENT: 5,695,089 PATENT: 5,809,650    |       |                      |                           |           |  |
| CUSTOMER:                              |       |                      |                           |           |  |
| PROJECT:                               |       |                      |                           |           |  |
| QUOTE NO:                              |       |                      |                           | CHK'D BY: |  |
| SCALE:<br>1/4"=1'-0"                   | DATE: | DWG. BY:             | DWG. NO:<br>10000FGCYL120 |           |  |