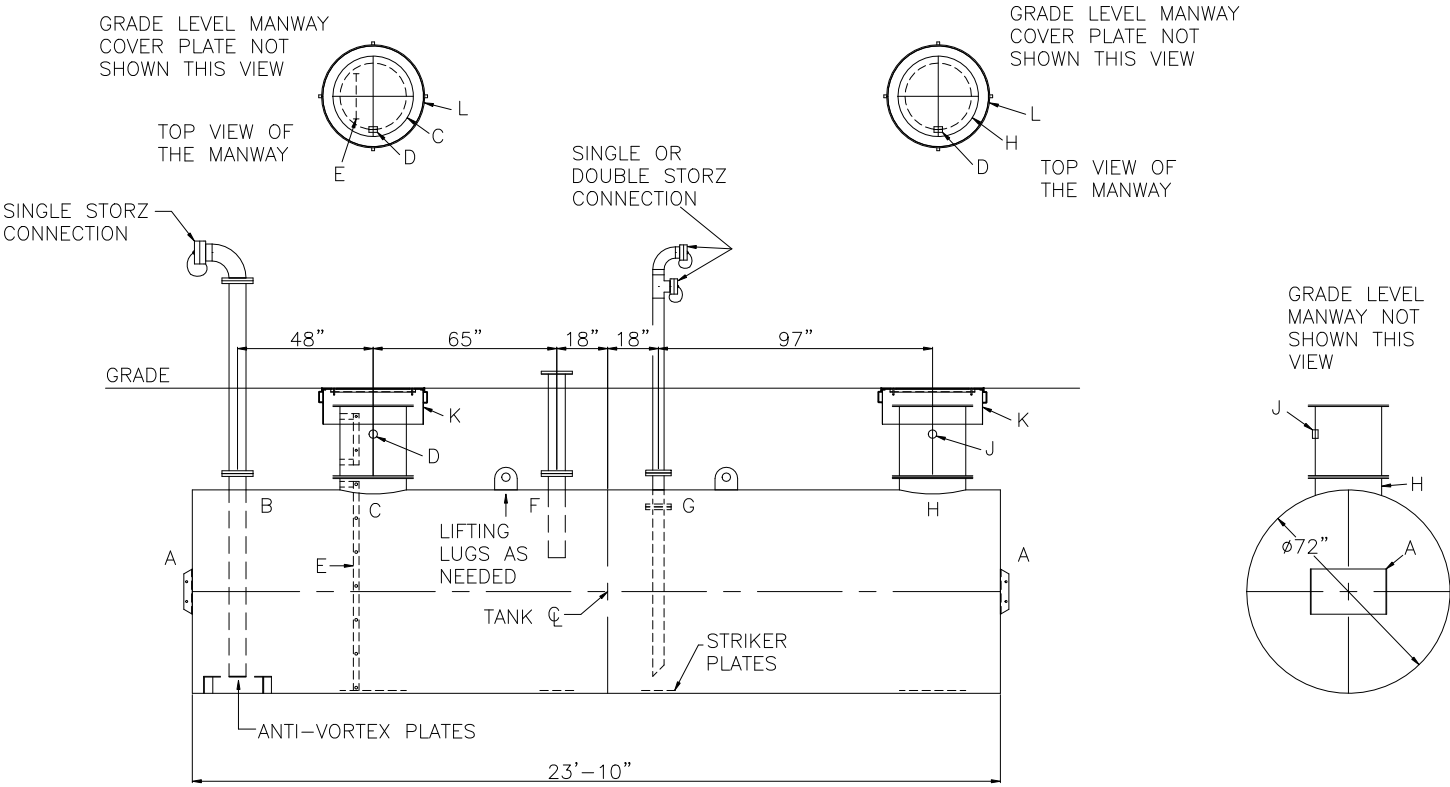


NOTE: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK®. HIGHLAND TANK® SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE AND LOCATION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



- NOTES:
- 1) THE HIGHLAND TANK IS NOT APPROVED FOR THE STORAGE OF HEATED PRODUCTS.
  - 2) 15,000 VOLT SPARK TEST PROVIDED AT FACTORY.
  - 3) SHOP TO INSTALL 1/4"x12"x12" STRIKER PLATES, ROLLED AND SEAL WELD TO THE TANK.



# Highland Tank

UNLESS NOTED, TOLERANCES ARE +/- 1"

## HighDRO® WATER STORAGE TANK

5,000 GAL 72"Ø UNDERGROUND SINGLE-WALL HORIZONTAL FOR FIRE PROTECTION WITH VERTICAL SUCTION

CUSTOMER:

PROJECT:

QUOTE NO:

SCALE: 1/4"=1'-0" DATE: DWG. BY: CHK'D BY: DWG. NO: 05000HGSWHGFVTS72

| DESIGN DATA                                                          |
|----------------------------------------------------------------------|
| CAPACITY – 5,000 GALLONS                                             |
| TYPE – SINGLE WALL, HIGHGUARD UNDERGROUND                            |
| NO. REQ. – –                                                         |
| OPERATING PRESSURE – ATMOSPHERIC                                     |
| TANK MATERIAL – MILD CARBON STEEL                                    |
| THICKNESS INNER –HEADS: 7 GA, SHELL: 7 GA                            |
| THICKNESS OUTER –HEADS: 7 GA, SHELL: 10 GA                           |
| *GA THK. BASED ON 60" MAX. BURIAL DEPTH                              |
| CONSTRUCTION – FLAT FLANGED HEADS, LAP WELD INSIDE & OUTSIDE         |
| TANK TEST – 5 PSIG                                                   |
| INT. FINISH – SP10 BLAST HighDRO®-LINER PLUS FOR NSF 61 APPLICATIONS |
| EXT. FINISH – SP6 BLAST, 75 MILS POLYURETHANE                        |
| LABEL – UL-1746 PART IV, HIGHGUARD                                   |

| LEGEND |                                                                                                                                                                                   |   |                                                                                                                                                                                                                                             |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A      | HTM SPIN BRK'T – MFG USE ONLY – NOT TO BE USED FOR FIELD INSTALLATION                                                                                                             | G | RFSO FLANGE INSIDE AND OUTSIDE WITH STD. WEIGHT CARBON STEEL INTERNAL DROP PIPE TO WITHIN 6" OF TANK BOTTOM, MITER 45°, & EXTERNAL RISER PIPE STD. WEIGHT CARBON STEEL WITH STORZ SINGLE OR DOUBLE CONNECTION (FIRE DEPT. CONNECTION/ FILL) |
| B      | RFSO 150# FLANGE INSIDE AND OUTSIDE w/ INTERNAL STD. WEIGHT DROP PIPE WITH NFPA 22 ANTI-VORTEX PLATES AND EXTERNAL STD. WEIGHT CARBON STEEL RISER PIPE WITH LOCKING CAP (SUCTION) | H | 24"Ø TIGHT BOLT MANWAY w/ 1/8" THK. EPDM GASKET                                                                                                                                                                                             |
| C      | 24"Ø TIGHT BOLT MANWAY w/ 1/8" THK. EPDM GASKET                                                                                                                                   | J | 2" FNPT FITTING (MANWAY VENT USE)                                                                                                                                                                                                           |
| D      | 2" FNPT FITTING (MANWAY VENT USE)                                                                                                                                                 | K | 36"Ø GRADE LEVEL MANWAY                                                                                                                                                                                                                     |
| E      | 16" WIDE INTERNAL LADDER W/ 3/4" RUNGS ON 12" SPACING.                                                                                                                            |   |                                                                                                                                                                                                                                             |
| F      | RFSO FLANGE w/ 24" LONG STD. WEIGHT INTERNAL PIPE & EXTERNAL FLANGED SPOOL STD WEIGHT RISER PIPE (VENT/ LEVEL INDICATOR ASSEMBLY)                                                 |   |                                                                                                                                                                                                                                             |