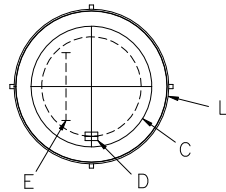


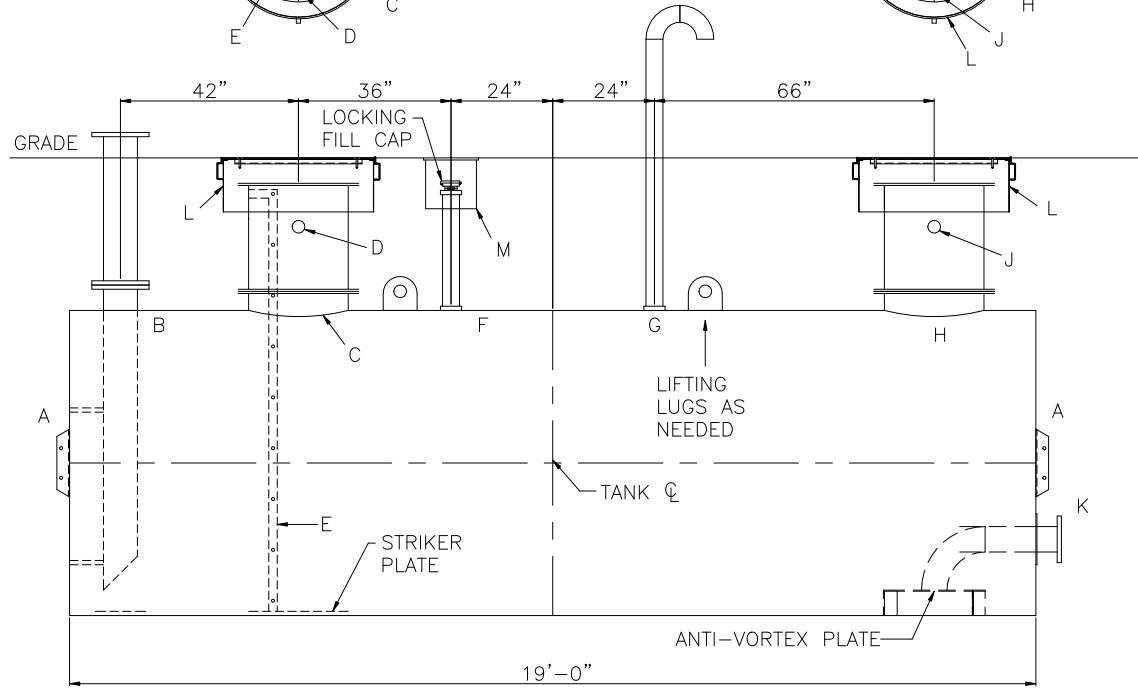
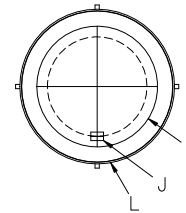
GRADE LEVEL MANWAY
COVER PLATE NOT
SHOWN THIS VIEW

TOP VIEW OF
THE MANWAY

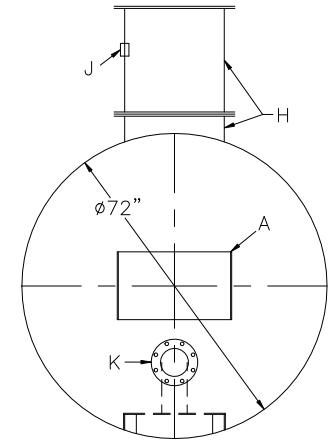


GRADE LEVEL MANWAY
COVER PLATE NOT
SHOWN THIS VIEW

TOP VIEW OF
THE MANWAY



GRADE LEVEL
MANWAY NOT
SHOWN THIS
VIEW



DESIGN DATA

| |
|--|
| CAPACITY – 4,000 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 |

NOTES:

- 1) THE HIGHGUARD 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.

LEGEND

| | | | |
|---|--|---|---|
| A | HTM SPIN BRK'T – MFG USE ONLY – NOT TO BE USED FOR FIELD INSTALLATION | F | 2" FNPT FITTING W/ 2" SCH 40 RISER PIPE (FOR LEVEL SENSOR) |
| B | FILL CONNECTION – RFSO 150# FLANGE W/ STD. WEIGHT RISER PIPE & INTERNAL DROP PIPE TO WITH IN 6" OF TANK BOTTOM, MITER END 45° (FILL) | G | FNPT FITTING W/ GOOSENECK VENT (VENT CONNECTION) |
| C | 24"Ø TIGHT BOLT MANWAY W/ 1/8" THK. EPDM GASKET MATERIAL & MANWAY EXTENSION | H | 24"Ø TIGHT BOLT MANWAY W/ 1/8" THK. EPDM GASKET MATERIAL & MANWAY EXTENSION |
| D | 2" FNPT FITTING (MANWAY VENT) | J | 2" FNPT FITTING (MANWAY VENT) |
| E | 16" WIDE STAINLESS STEEL INTERNAL LADDER W/ 3/4" RUNGS ON 12" SPACING | K | 6" RFSO 150# FLANGE W/ ANTI-VORTEX PLATE PER NFPA 22 (SUCTION) |
| | | L | 36"Ø GRADE LEVEL MANWAY |
| | | M | 12"Ø GRADE LEVEL MANWAY |

| | | | |
|---|-------|----------------------|-----------------------------|
| | | Highland Tank | |
| UNLESS NOTED, TOLERANCES ARE +/- 1" | | | |
| HighDRO® WATER STORAGE TANK | | | |
| 4,000 GAL 74"Ø SINGLE-WALL UNDERGROUND HORIZONTAL FOR FIRE PROTECTION WITH BOTTOM DRAIN | | | |
| CUSTOMER: | | | |
| PROJECT: | | | |
| QUOTE NO: | | CHK'D BY: | |
| SCALE: 3/8"=1'-0" | DATE: | DWG. BY: | DWG. NO: 04000HGSWHDFPTBD72 |