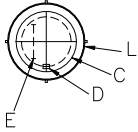


NOTE: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK®. HIGHLAND TANK® SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE AND LOCATION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

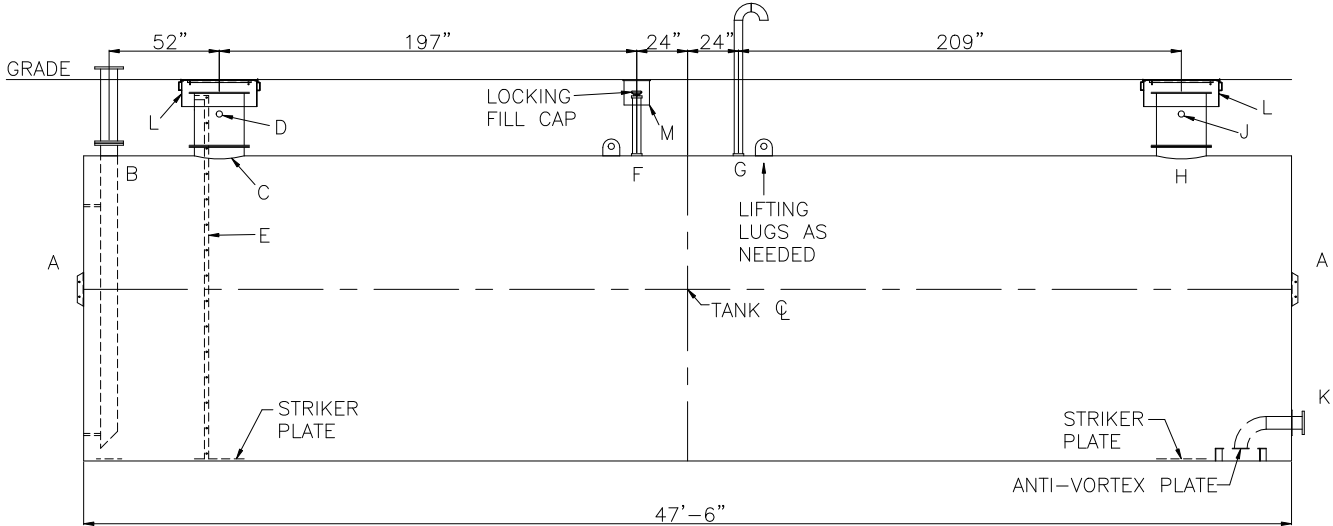
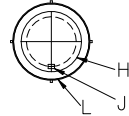
GRADE LEVEL MANWAY
COVER PLATE NOT
SHOWN THIS VIEW

TOP VIEW OF
THE MANWAY

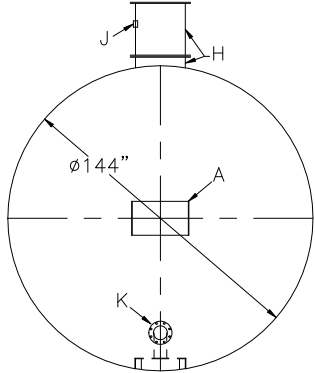


GRADE LEVEL MANWAY
COVER PLATE NOT
SHOWN THIS VIEW

TOP VIEW OF
THE MANWAY



GRADE LEVEL
MANWAY NOT
SHOWN THIS
VIEW



DESIGN DATA

CAPACITY – 40,000 GALLONS
TYPE – SINGLE WALL, HIGHGUARD UNDERGROUND
NO. REQ. – –
OPERATING PRESSURE – ATMOSPHERIC
TANK MATERIAL – MILD CARBON STEEL
THICKNESS – HEADS– 5/16"
THICKNESS – SHELL– 1/2"
*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

40,000 GAL 144"Ø SINGLE-WALL UNDERGROUND HORIZONTAL
FOR FIRE PROTECTION WITH BOTTOM DRAIN

CUSTOMER:

PROJECT:

QUOTE NO:

SCALE: 3/16"=1'-0" DATE: DWG. BY: CHK'D BY: DWG. NO: 40000HGSWHDFPTBD144