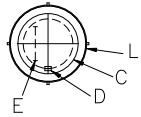


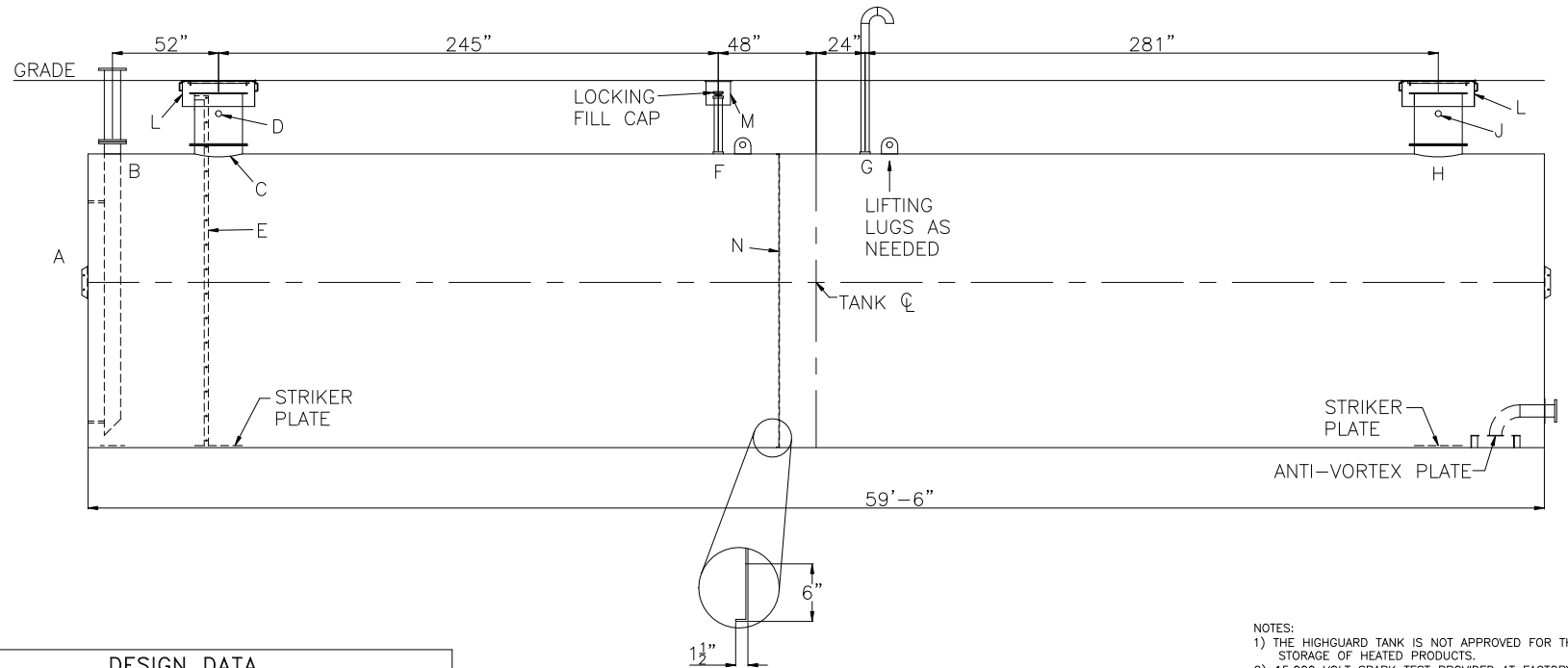
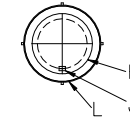
GRADE LEVEL MANWAY
COVER PLATE NOT
SHOWN THIS VIEW

TOP VIEW OF
THE MANWAY



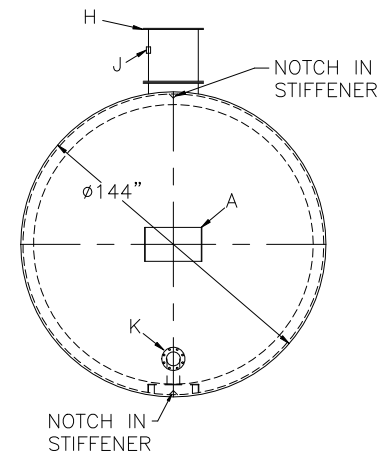
GRADE LEVEL MANWAY
COVER PLATE NOT
SHOWN THIS VIEW

TOP VIEW OF
THE MANWAY



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 NOT
SHOWN THIS
VIEW




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.

DESIGN DATA

CAPACITY – 50,000 GALLONS
TYPE – SINGLE WALL, HIGHGUARD UNDERGROUND
NO. REQ. – –
OPERATING PRESSURE – ATMOSPHERIC
TANK MATERIAL – MILD CARBON STEEL
THICKNESS – HEADS– 5/16"
THICKNESS – SHELL– 3/8"
*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	FNPT FITTING w/ GOOSENECK VENT (VENT CONNECTION)
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)	H	24"Ø TIGHT BOLT MANWAY w/ 1/8" THK. EPDM GASKET MATERIAL & MANWAY EXTENSION
C	24"Ø TIGHT BOLT MANWAY w/ 1/8" THK. EPDM GASKET MATERIAL & MANWAY EXTENSION	J	2" FNPT FITTING (MANWAY VENT)
D	2" FNPT FITTING (MANWAY VENT)	K	6" RFSO 150# FLANGE w/ ANTI-VORTEX PLATE PER NFPA 22 (SUCTION)
E	16" WIDE STAINLESS STEEL INTERNAL LADDER w/ 3/4" RUNGS ON 12" SPACING	L	36"Ø GRADE LEVEL MANWAY
F	2" FNPT FITTING W/ 2" SCH 40 RISER PIPE (FOR LEVEL SENSOR)	M	12"Ø GRADE LEVEL MANWAY
		N	STIFFENER– 3/8" x 1-1/2" x 6"

		Highland Tank	
UNLESS NOTED, TOLERANCES ARE +/- 1"			
HighDRO® WATER STORAGE TANK			
50,000 GAL 144"Ø SINGLE-WALL UNDERGROUND HORIZONTAL FOR FIRE PROTECTION WITH BOTTOM DRAIN			
CUSTOMER:			
PROJECT:			
QUOTE NO:		CHK'D BY:	
SCALE: 3/16"=1'-0"	DATE:	DWG. BY:	DWG. NO: 50000HGSWHDFPTBD144