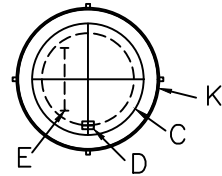
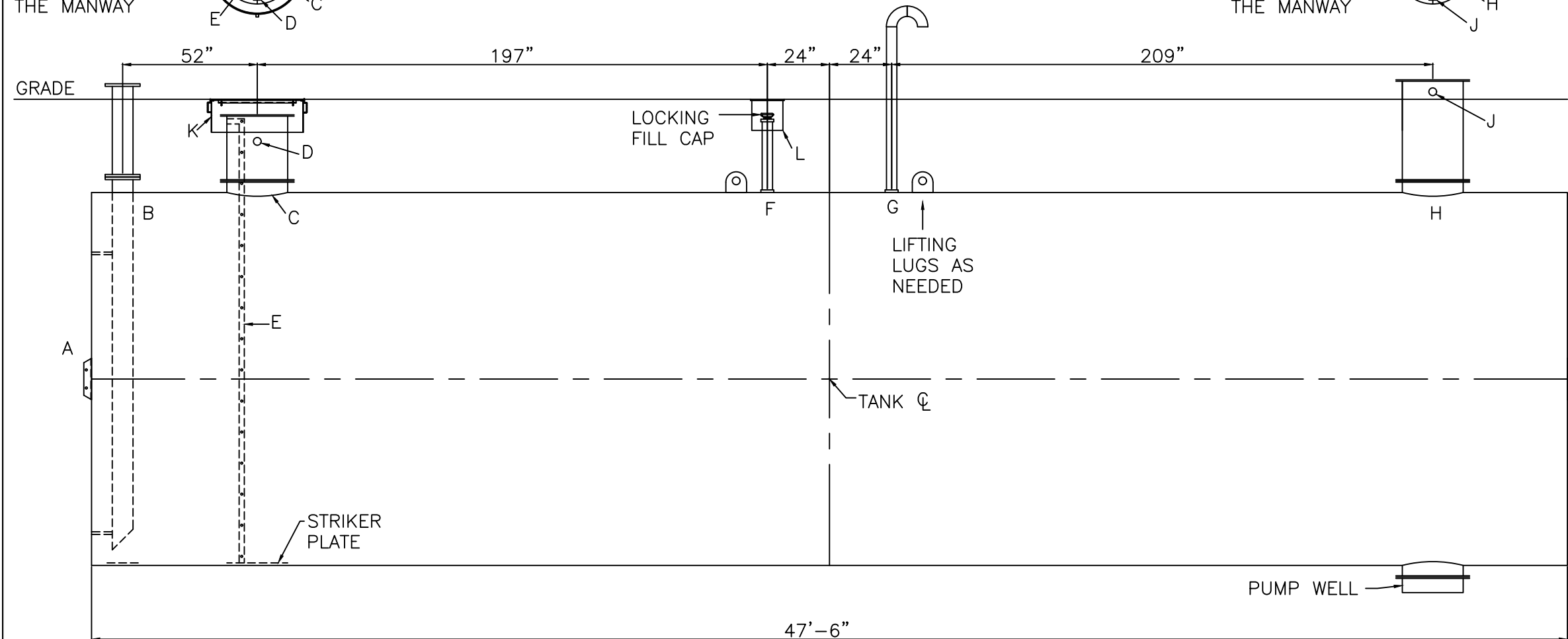
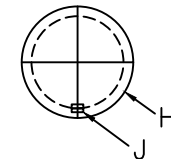


GRADE LEVEL MANWAY
COVER PLATE NOT
SHOWN THIS VIEW

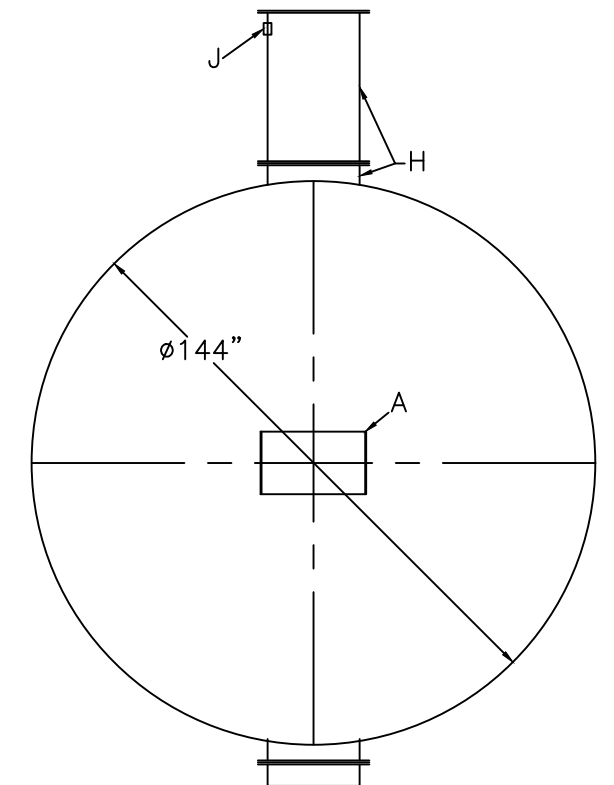
TOP VIEW OF
THE MANWAY



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.



- 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 – 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

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 & MANWAY EXTENSION w/ 1/8" NEO–CORK GASKET MATERIAL W/BOTTOM SUMP PUMP WELL
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	36"Ø GRADE LEVEL MANWAY
E	16" WIDE STAINLESS STEEL INTERNAL LADDER w/ 3/4" RUNGS ON 12" SPACING	L	12"Ø GRADE LEVEL MANWAY
F	2" FNPT FITTING W/ 2" SCH 40 RISER PIPE (FOR LEVEL SENSOR)	M	

△			
 Highland Tank			
UNLESS NOTED, TOLERANCES ARE +/- 1"			
HighDRO® WATER STORAGE TANK			
40,000 GAL 144"Ø UG FIRE PROTECTION TANK			
CUSTOMER:			
PROJECT: PUMP WELL			
QUOTE NO:			CHK'D BY:
SCALE: 1/4"=1'-0"	DATE:	DWG. BY:	DWG. NO: 40000UGSWPW144