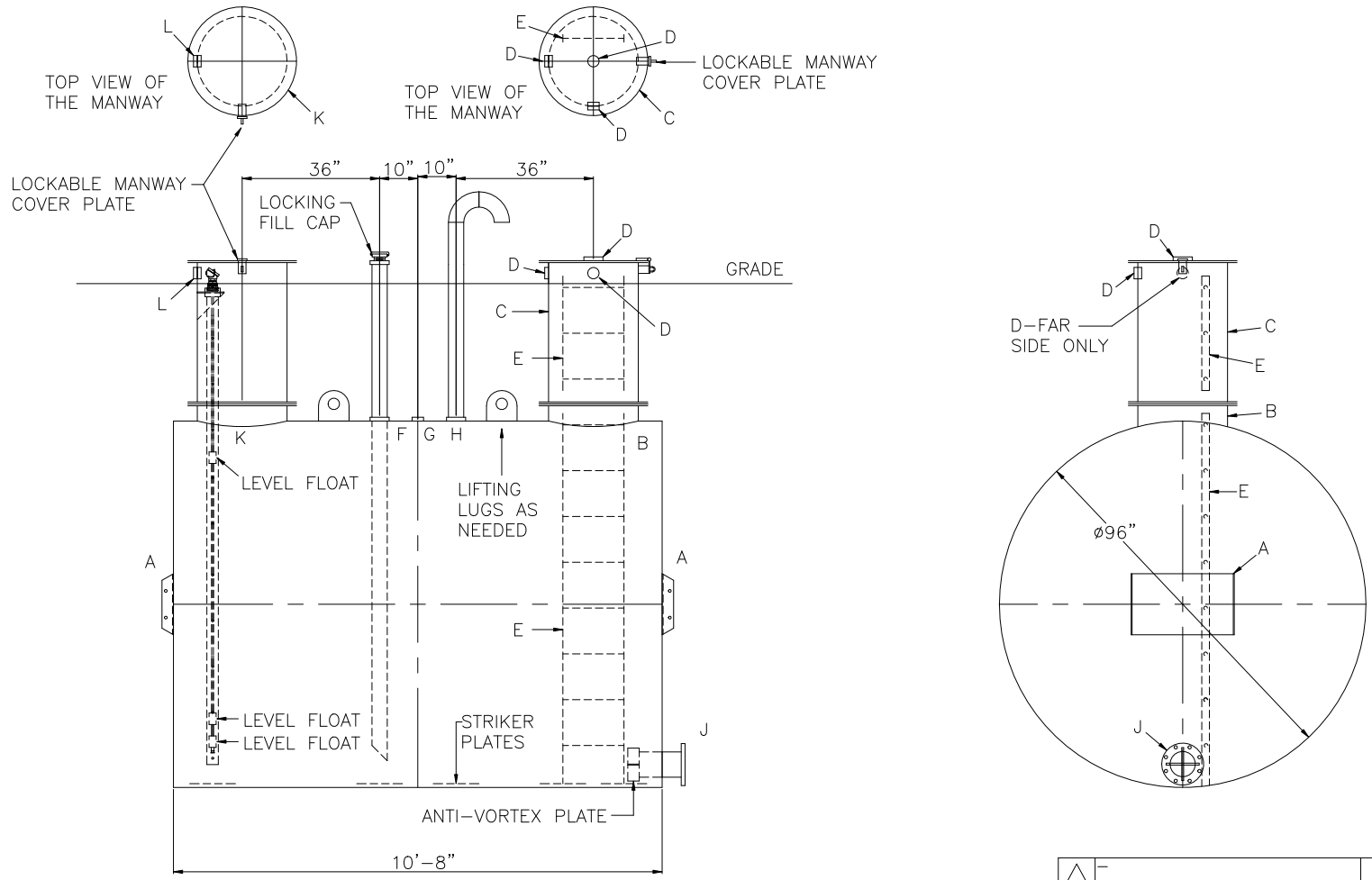
NOTE: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK®. HIGHLAND TANK® SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE AND LOCATION 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 – 4,000 GALLONS
TYPE – SINGLE WALL, HIGHGUARD UNDERGROUND
NO. REQ. – –
OPERATING PRESSURE – ATMOSPHERIC
TANK MATERIAL – MILD CARBON STEEL
THICKNESS – HEADS– 1/4" THICKNESS – SHELL– 7 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	2" FNPT FITTING
B	24"ø TIGHT BOLT MANWAY w/ 1/8" THK. EPDM GASKET MATERIAL.	H	FNPT FITTING w/ GOOSENECK VENT (VENT CONNECTION)
C	24"ø MANWAY EXTENSION & COVER PLATE w/ 1/8" THK. EPDM GASKET	J	6" 150# RFSO FLANGE w/ ANTI–VORTEX PLATE (SUCTION)
D	2" FULL COUPLING (ELECTRICAL CONNECTION)	K	LEVEL CONTROL MANWAY W/ 1/8" THK. EPDM GASKET MATERIAL, CONTINUOUS LEVEL AND/ OR FLOATS
E	16" WIDE INTERNAL LADDER W/ 3/4" RUNGS ON 12" SPACING.	L	2" FULL COUPLING (ELECTRICAL CONNECTION)
F	FNPT FITTING PIPE WITH SCH 40 DROP TO WITHIN 6" OF TANK BOTTOM (FILL CONNECTION)		

Highland Tank

UNLESS NOTED, TOLERANCES ARE +/- 1"

HighDRO® WATER STORAGE TANK

4,000 GAL 96"ø SINGLE–WALL ABOVEGROUND VERTICAL FOR POTABLE WATER WITH BOTTOM DRAIN

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY:

SCALE:	DATE:	DWG. BY:	DWG. NO.:
3/8"=1'-0"			04000HGSWHDPWTBD96