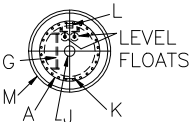


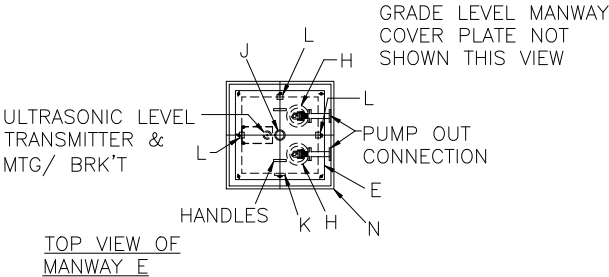
NOTE: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK®. HIGHLAND TANK® SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE AND LOCATION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

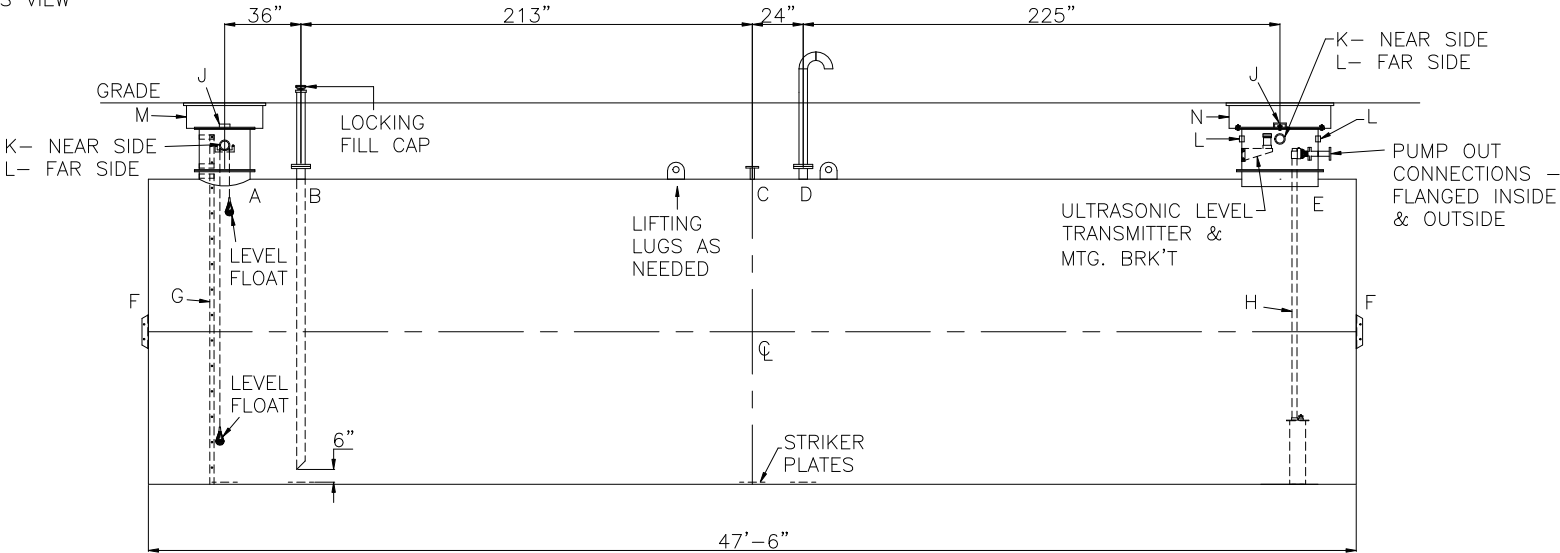
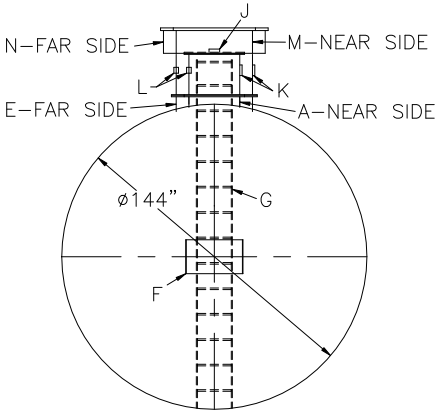
GRADE LEVEL MANWAY
COVER PLATE NOT
SHOWN THIS VIEW



TOP VIEW OF
MANWAY A



TOP VIEW OF
MANWAY E




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

NOTE: AT LEAST ONE 2" VENT PIPE MUST BE INSTALLED IN EACH MANWAY RISER

LEGEND

A	24"Ø TIGHT BOLT MANWAY w/ 1/8" THK. EPDM GASKET & MANWAY EXTENSION	G	16" WIDE INTERNAL LADDER W/ 3/4" RUNGS ON 12" SPACING.
B	150# RFSO FLANGE WITH SCH 40 DROP TO WITHIN 6" OF TANK BOTTOM (FILL CONNECTION)	H	PUMPS
C	2" 150# RFSO FLANGE	J	4" FNPT FITTING (GAUGE)
D	150# RFSO FLANGE w/ GOOSENECK VENT (VENT CONNECTION)	K	4" FNPT FITTING (VENT)
E	36" x 36" SQ. MANWAY w/ 1/8" THK. EPDM GASKET & MANWAY EXTENSION W/ ALUMINUM COVER PLATE AND HANDLES	L	2" FULL COUPLING (ELECTRICAL CONNECTION)
F	HTM SPIN BRK'T – MFG USE ONLY – NOT TO BE USED FOR FIELD INSTALLATION	M	GRADE LEVEL MANWAY – 36"Ø H-20 W/ LOCKABLE COVER PLATE
		N	GRADE LEVEL MANWAY – 48" x 48" H-20 W/ LOCKABLE COVER PLATE



Highland Tank

UNLESS NOTED, TOLERANCES ARE +/- 1"

HighDRO WATER STORAGE TANK

40,000 GAL 144"Ø SINGLE-WALL UNDERGROUND HORIZONTAL FOR POTABLE WATER WITH PUMP OUT

CUSTOMER:

PROJECT:

QUOTE NO:

SCALE: 3/16"=1'-0"

CHK'D BY:

DWG. NO: 40000HCSWHPWTP0144

DWG. BY:

DATE: