


- 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 – 30,000 GALLONS
TYPE – SINGLE WALL, HIGHGUARD UNDERGROUND
NO. REQ. – –
OPERATING PRESSURE – ATMOSPHERIC
TANK MATERIAL – MILD CARBON STEEL
THICKNESS – HEADS– 1/4"
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	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# RF50 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			
30,000 GAL 120"Ø SINGLE-WALL ABOVEGROUND VERTICAL FOR POTABLE WATER WITH BOTTOM DRAIN			
CUSTOMER:			
PROJECT:			
QUOTE NO:		CHK'D BY:	
SCALE: 1/4"=1'-0"	DATE:	DWG. BY:	DWG. NO: 30000HCSWHPWTBD120