NOTES:
1) THE HIGHGUARD TANK IS NOT APPROVED FOR THE STORAGE OF HEATED PRODUCTS.
2) 15,000 VOLT SPARK TEST PROVIDED AT FACTORY.
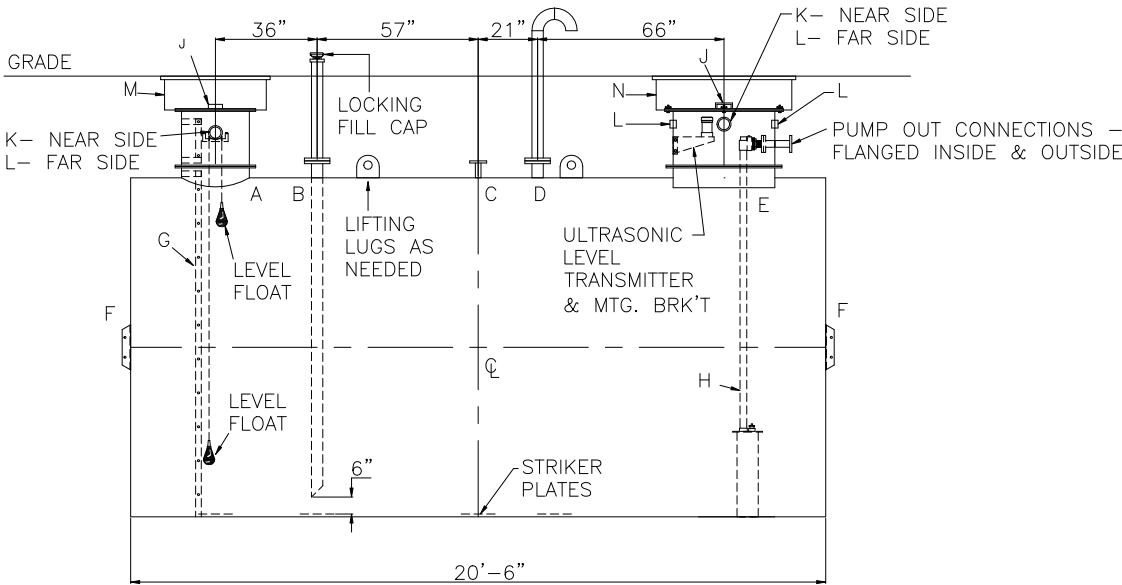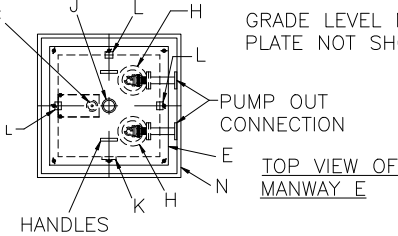3) SHOP TO INSTALL 1/4"x12"x12" STRIKER PLATES, ROLLED AND SEAL WELD TO THE TANK.

GRADE LEVEL MANWAY COVER PLATE NOT SHOWN THIS VIEW

LEVEL FLOATS
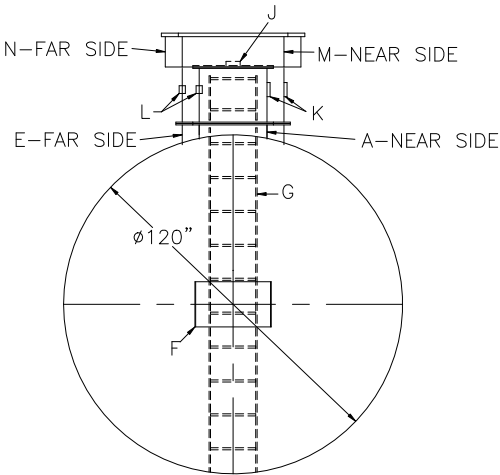
<u>TOP VIEW OF MANWAY A</u>
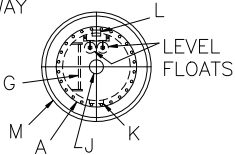
ULTRASONIC LEVEL TRANSMITTER & MTG/ BRK'T

GRADE LEVEL MANWAY COVER PLATE NOT SHOWN THIS VIEW

PUMP OUT CONNECTION

<u>TOP VIEW OF MANWAY E</u>

HANDLES

N—FAR SIDE
M—NEAR SIDE
L
K
E—FAR SIDE
A—NEAR SIDE
G
ø120"
F

GRADE
36" 57" 21" 66"

K— NEAR SIDE
L— FAR SIDE

M
K— NEAR SIDE
L— FAR SIDE
N
L
PUMP OUT CONNECTIONS — FLANGED INSIDE & OUTSIDE

LOCKING FILL CAP
LIFTING LUGS AS NEEDED
ULTRASONIC LEVEL TRANSMITTER & MTG. BRK'T

A B   C D
G
LEVEL FLOAT
F   F
LEVEL FLOAT
C̸L
H
6"
STRIKER PLATES

20'-6"

DESIGN DATA

CAPACITY — 12,000 GALLONS	
TYPE — SINGLE WALL, HIGHGUARD UNDERGROUND	
NO. REQ. – –	
OPERATING PRESSURE — ATMOSPHERIC	
TANK MATERIAL — MILD CARBON STEEL	
THICKNESS — HEADS— 1/4" THICKNESS — SHELL— 1/4"	
*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)
		M	GRADE LEVEL MANWAY — 36"Ø H-20 W/ LOCKABLE COVER PLATE
F	HTM SPIN BRK'T — MFG USE ONLY — NOT TO BE USED FOR FIELD INSTALLATION	N	GRADE LEVEL MANWAY — 48" x 48" H-20 W/ LOCKABLE COVER PLATE

Highland Tank

UNLESS NOTED, TOLERANCES ARE +/- 1"

HighDRO WATER STORAGE TANK
12,000 GAL 120"Ø SINGLE-WALL UNDERGROUND HORIZONTAL FOR POTABLE WATER WITH PUMP OUT

CUSTOMER:

PROJECT:

QUOTE NO: CHK'D BY:

SCALE:	DATE:	DWG. BY:	DWG. NO:
1/4"=1'-0"			12000HGSWHDPWTP0120