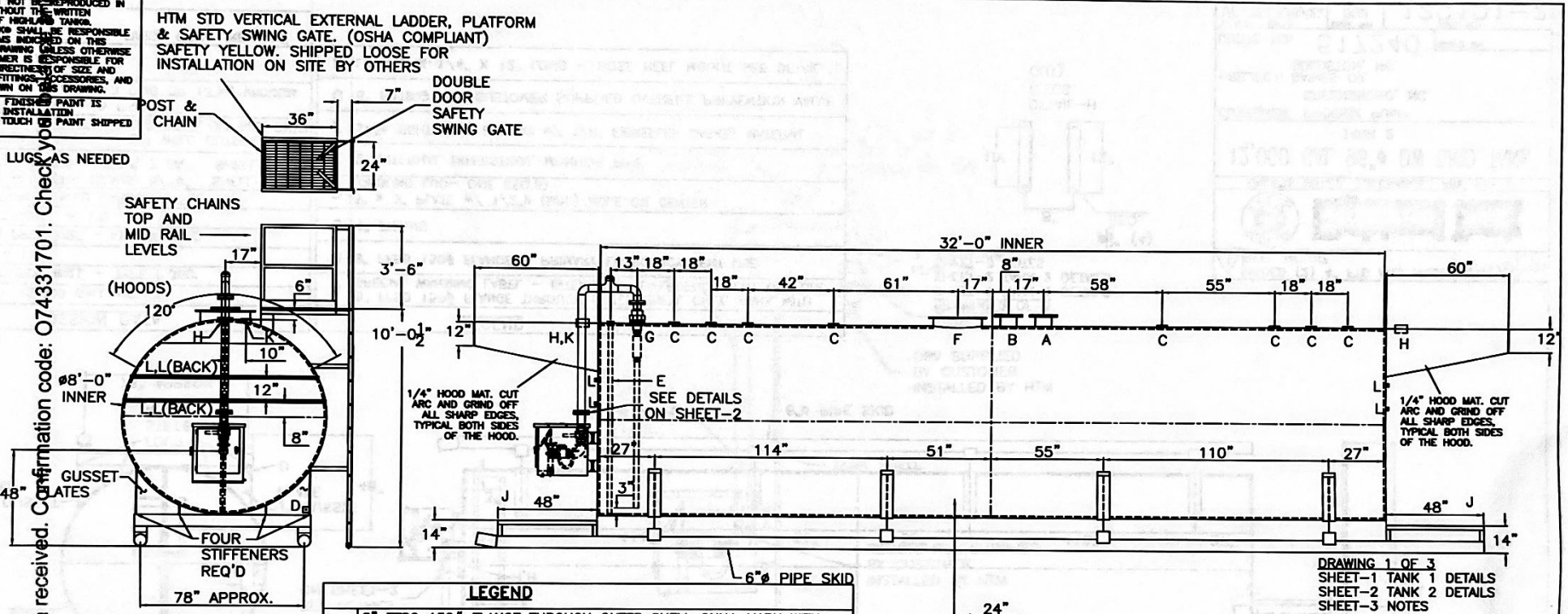
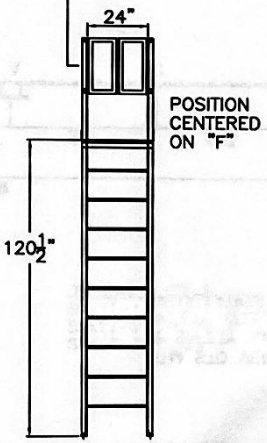
NOTE: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF HIGHLAND TANK®. HIGHLAND TANK® SHALL BE RESPONSIBLE ONLY FOR ITEMS INDICATED ON THIS FABRICATION DRAWING UNLESS OTHERWISE NOTED. CUSTOMER IS RESPONSIBLE FOR VERIFYING CORRECTNESS OF SIZE AND LOCATION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

TOUCH UP OF FINISHED PAINT IS REQUIRED BY INSTALLATION CONTRACTOR. TOUCH UP PAINT SHIPPED WITH TANK.

SHIPPING LUGS AS NEEDED



DRAWING 1 OF 3
SHEET-1 TANK 1 DETAILS
SHEET-2 TANK 2 DETAILS
SHEET-3 NOTES



DESIGN DATA

CAPACITY – 12,000 GALLONS	
TYPE – DOUBLE WALL – TYPE I 360°	
NO. REQ. – 1	
OPERATING PRESSURE – ATMOSPHERIC	
SPECIFIC GRAVITY ≤ 1.0	
TANK MATERIAL – MILD CARBON STEEL	
THICKNESS – INNER – HEADS: 5/16"	SHELL: 1/4"
THICKNESS – OUTER – HEADS: 7 GA	SHELL: 7 GA
CONSTRUCTION – INNER – LAP WELD OUTSIDE ONLY OUTER – LAP WELD OUTSIDE ONLY	
TANK TEST – INNER – 5 PSIG OUTER – +3 PSIG OR 13"hg VACUUM	
INT. FINISH – NONE	
EXT. FINISH – SP6 BLAST, FINISH GRAY URETHANE	
LABEL – UL 142	

LEGEND

A	8" FFSO 150# FLANGE THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL – INTERSTITIAL EMERGENCY VENT USE ONLY
B	8" FFSO 150# FLANGE – PRIMARY EMERGENCY VENT USE
C	4" FITTING
D	3" x 3" PLATE w/ 1/2"ø (MIN.) HOLE ON CENTER (GROUND LUG– ONE REQ'D)
E	2" INTERNAL INTERSTITIAL MONITOR PIPE
F	24"ø TIGHT BOLT MANWAY w/ 1/8" FIBREFLEX GASKET MATERIAL.
G	6" FITTING FOR CUSTOMER SUPPLIED OVERFILL PREVENTION VALVE
H	6" DIA PIPE SLEEVE X 4" LONG HALF INSIDE & HALF OUTSIDE OF CANOPY
J	PUMP MOUNT 48" X SKID WIDTH X ¼" PLATE TOP ON 2" ANGLE FRAME
K	4" DIA PIPE SLEEVE X 4" LONG HALF INSIDE & HALF OUTSIDE OF CANOPY
L	1-1/2" UNISTRUT WELDED TO TANK HEAD

2 ADDED "K" AND "L" UNISTRUT PIECES	03/21/22	001
1 ADDED PM AND HOODS, MOVED ACCESS EQ, ADD (3) "C"S	03/11/22	001

Highland Tank

UNLESS NOTED, TOLERANCES ARE +/- 1"

12,000 GAL 96"ø DW SKID TANK
TANK 1

CUSTOMER: PHOENIX PUMP
GREENSBORO, NC.
PROJECT: GAINES OIL
GOLDSTON, NC.

QUOTE NO: 517240 CHK'D BY:

SCALE:	DATE:	DWG. BY:	DWG. NO:
1/4" = 1'	3/8/22	002	120101-1

3/23/2022
Chip Poole

Spectrum: Your signature on page 2 has been received. Confirmation code: O74331701. Check your payments and time to make changes and payments.