

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.

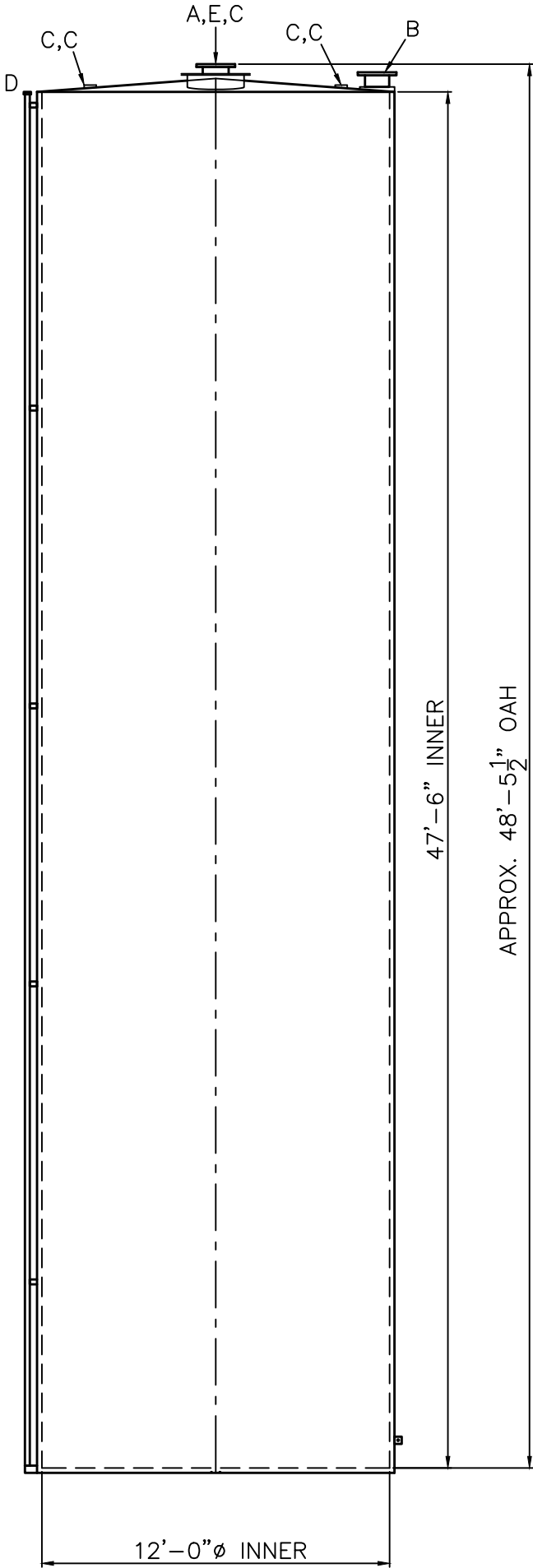
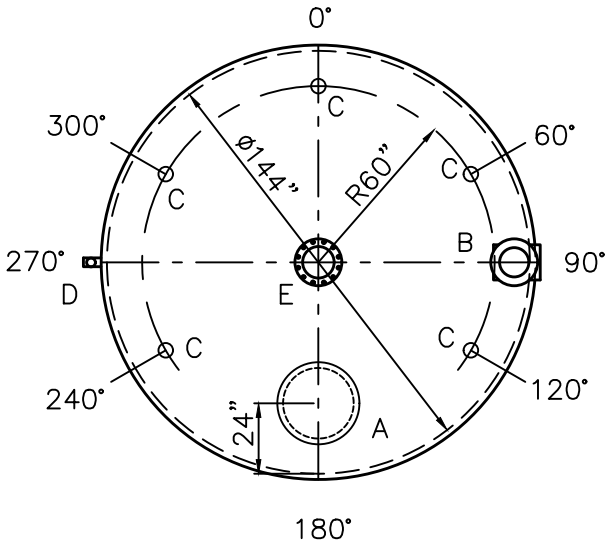
TOUCH UP OF FINISHED PAINT IS REQUIRED BY INSTALLATION CONTRACTOR. TOUCH UP PAINT SHIPPED WITH TANK.

SHIPPING LUGS AS NEEDED

- NOTES
1. SEE PLAN VIEW FOR TRUE ORIENTATION AND LOCATION OF FITTING

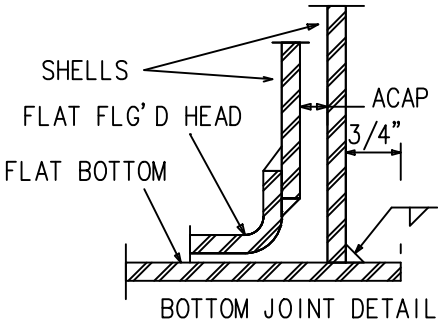
2. LIFTING LUGS FOR UNLOADING UNIT & STANDING UNIT UPRIGHT TO BE PLACED AS NEEDED BY FABRICATION SHOP

3. A 3x3x1/4" STEEL GROUNDING LUG WITH A 5/8"Ø HOLE IN CENTER TO BE PLACED ON SHELL AT BOTTOM OF TANK IN LINE WITH LIFTING LUGS



DESIGN DATA
CAPACITY – 40,000 GALLON
TYPE – VERTICAL DOUBLE WALL
NO. REQ. – –
OPERATING PRESSURE – ATMOSPHERIC
SPECIFIC GRAVITY = 1.0
TANK MATERIAL – MILD CARBON STEEL
THICKNESS–TOP–7 GA SHALLOW SLOPE SINGLE WALL
THICKNESS–INNER– SHELL: 1/4" BOTTOM: 1/4"
THICKNESS–OUTER– SHELL: 7 GA BOTTOM: 1/4"
CONSTRUCTION – LAP WELD OUTSIDE ONLY– INNER & OUTER
TANK TEST – INNER: 2 PSIG OUTER: +2 PSIG OR 13"hg VACUUM
INT. FINISH – NONE –
EXT. FINISH – SHOP PRIMER –
LABEL – UL 142

LEGEND	
A	24"Ø TIGHT BOLT MANWAY w/ 1/8" FIBREFLEX GASKET MATERIAL.
B	10" FFSO 150# FLANGE, SECONDARY EMERGENCY VENT IN INTERSTICE EXTENSION BOX, MARK w/ SPECIAL WARNING LABEL
C	4" FNPT FITTING
D	2" INTERTICE MONITOR PIPE
E	10" FFSO 150# FLANGE – PRIMARY EMERGENCY VENT
F	



△			
		Highland Tank	
UNLESS NOTED, TOLERANCES ARE +/- 1"			
40,000 GAL 144"Ø DW VERTICAL			
CUSTOMER:			
PROJECT:			
QUOTE NO:		CHK'D BY:	
SCALE: 3/16"=1'-0"	DATE:	DWG. BY:	DWG. NO.: 40000AVDW144