



SPECIAL CHAMBER DETAIL

GENERAL NOTES:

PREPARE FLANGE ON BASE OF CHAMBER TO MATCH I.D. OF 18" MANWAY AND STD 18" MANWAY BOLT CIRCLE - ATTACH TO MANWAY USING REQUIRED HARDWARE AND 1/8" THICK NEO-CORK GASKET

SHIP LOOSE: (INSTALLATION ON SITE BY OTHERS)

- (1) 2" ϕ x 96" LONG GALVANIZED PIPE (TBE)
- (1) 2" MUSHROOM VENT
- (1) 3" EMERGENCY VENT
- (1) GAUGE

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

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.

DESIGN DATA

CAPACITY -120 GALLONS
 NO. REQ. - -
 OPERATING PRESSURE -ATMOSPHERIC
 SPECIFIC GRAVITY = 1.0
 MATERIAL - 12 GA MILD CARBON STEEL
 TOP HEAD - 10 GA MILD STANDARD FLANGED & DISHED
 CONSTRUCTION -LAP WELD OUTSIDE ONLY
 INNER TANK IS NOT ATTACHED TO OUTER TANK
 TANK TEST -5 PSIG INNER TANK ONLY
 OUTER TUB - WATER TIGHT
 PAINT- TUB - SHOP PRIMER
 TANK - SHOP PRIMER
 SUPPORTS - 10 GA x 4" WIDE x 2" DEEP PRESS BROKE "U"
 LABEL - UL 142 - APPLY LABEL ON TOP OF THE TANK

LEGEND

A	3" HALF COUPLING (EMERGENCY VENT USE)
B	2" HCPLG w/ 2" DROP PIPE & QUICK CONNECTION (SUCTION)
C	2" HCPLG (SPARE)
D	2" HCPLG (NORMAL VENT)
E	SPECIAL CHAMBER PER DETAIL
F	2" MONITORING TUBE
G	3" x 3" x 1/4" PLATE - GROUNDING LUG
H	2" HCPLG (GAUGE)

 Highland Tank®	
120 GAL LUBE HOPPER	
CUSTOMER:	
PROJECT:	
QUOTE NO:	CHK'D BY:
SCALE: 3/4"=1'-0"	DWG. NO: 0120LH

