

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.

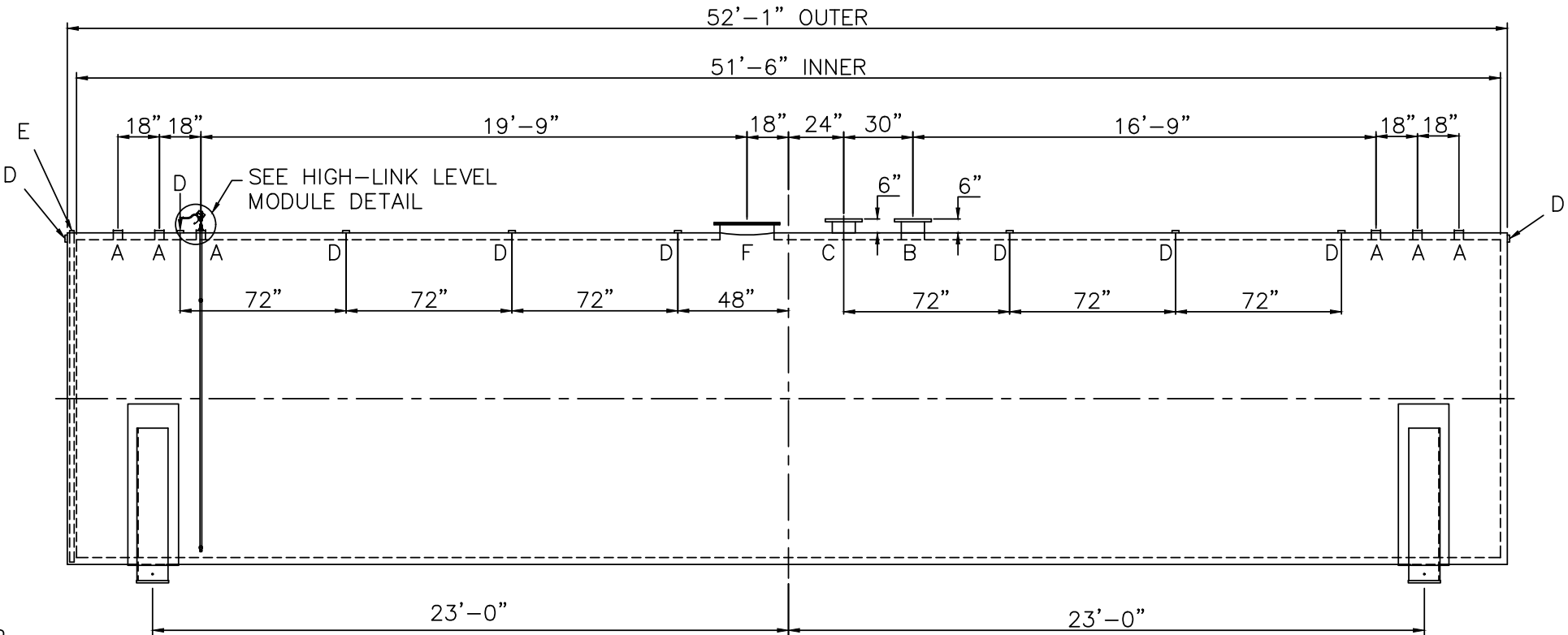
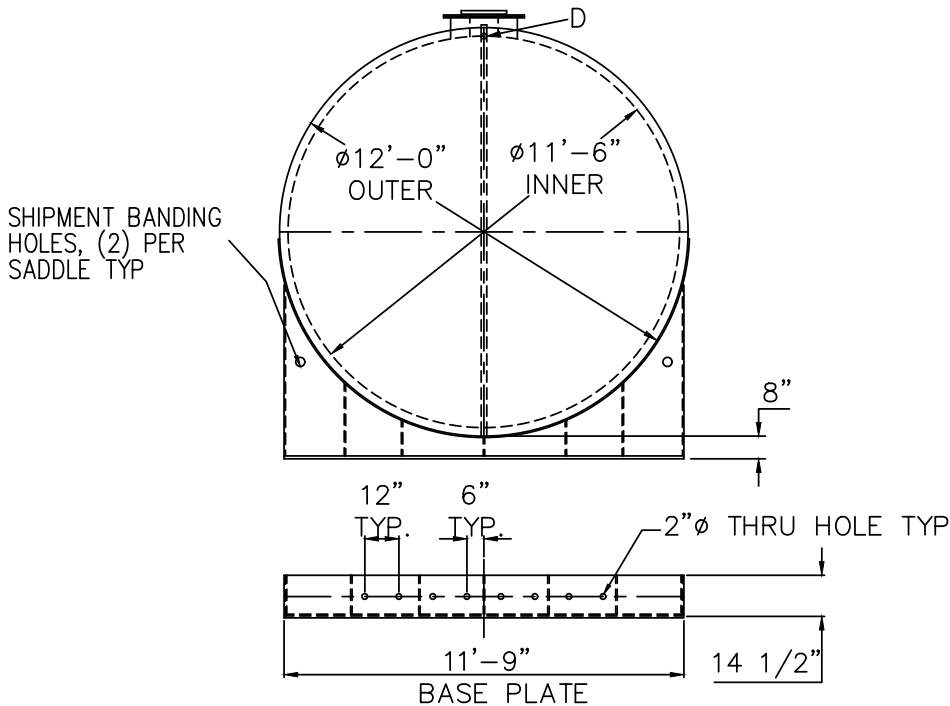
TOUCH UP OF FINISHED PAINT IS REQUIRED BY INSTALLATION CONTRACTOR. TOUCH UP PAINT SHIPPED WITH TANK.

SHIPPING LUGS AS NEEDED

SHIP LOOSE

(2) 10" FLANGED EMERGENCY VENTS

(1) HIGH-LINK LEVEL SHIELD MODEL# LS_XEXD_4000 158" LONG & BUSHING WITH LS_LINK_GPRS COMMUNICATION BOX.



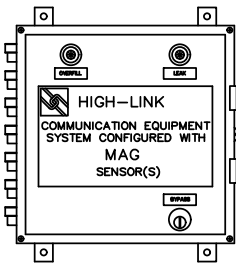
3" LIGHTWEIGHT INSULATION MATERIAL WITHIN INTERSTICE INSTALLED AT JOB SITE

DESIGN DATA

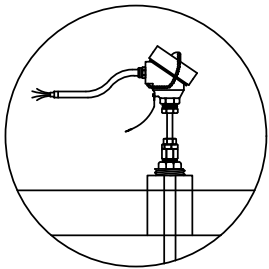
CAPACITY : 40,000 GALLONS
TYPE: FIREGUARD® CYLINDRICAL
FIREGUARD® IS A TRADEMARK OF THE STEEL TANK INSTITUTE
NO. REQ. - -
OPERATING PRESSURE - ATMOSPHERIC
SPECIFIC GRAVITY = 1.0
TANK MATERIAL - MILD CARBON STEEL
THICKNESS - INNER - HEADS: 5/16", SHELL: 3/8"
THICKNESS - OUTER - HEADS: 5/16", SHELL: 3/8"
MIN. GAUGE OR THICKNESS (PER U.L. 2085)
CONSTRUCTION - INNER - LAP WELD OUTSIDE ONLY
CONSTRUCTION - OUTER - LAP WELD OUTSIDE ONLY
TANK TEST - INNER - 5 PSIG
OUTER - 5 PSIG
INT. FINISH - NONE
EXT. FINISH - SP-6 BLAST, FINISH PAINT WHITE
LABEL- UL 2085 AND FIREGUARD® PER sti

LEGEND

A	4" FEMALE FIREGUARD COUPLING
B	10" FFSO 150# FLANGE - FOR PRIMARY EMERGENCY VENT USE ONLY
C	10" FFSO 150# FLANGE THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL INTERSTITIAL EMERGENCY VENT USE ONLY
D	2" FITTING THROUGH OUTER SHELL ONLY WITH CAST IRON PLUG- MFG USE ONLY
E	2" INTERSTITIAL MONITOR PIPE - MALE NPT END
F	24" x 1/4" PLATE TIGHT BOLT MANWAY WITH 1/8" THICK FIBREFLEX GASKET



COMMUNICATION BOX DETAIL



HIGH-LINK LEVEL SHIELD DETAIL

NOTES:
STRIKER PLATES ARE NOT SUPPLIED ON FIREGUARDS® UNLESS SPECIFIED

Highland Tank

UNLESS NOTED, TOLERANCES ARE +/- 1"

40,000 GAL 138"Ø CYL. FIREGUARD®

PATENT: 5,695,089 PATENT: 5,809,650

CUSTOMER:

PROJECT:

QUOTE NO:

SCALE: 3/16"=1'-0"

DATE:

DWG. BY:

DWG. NO: 40000FGCYL138

CHK'D BY: