SHIP LOOSE

(1) 4" MALE THREADED EMERGENCY VENTS

(1) 6" FLANGED EMERGENCY VENTS

(1) HIGH-LINK LEVEL SHIELD MODEL# LS_XEXD_1500 59"
INCLUDESLONG & 2" X ¾" BUSHING WITH LS_LINK_GPRS
COMMUNICATION BOX.

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

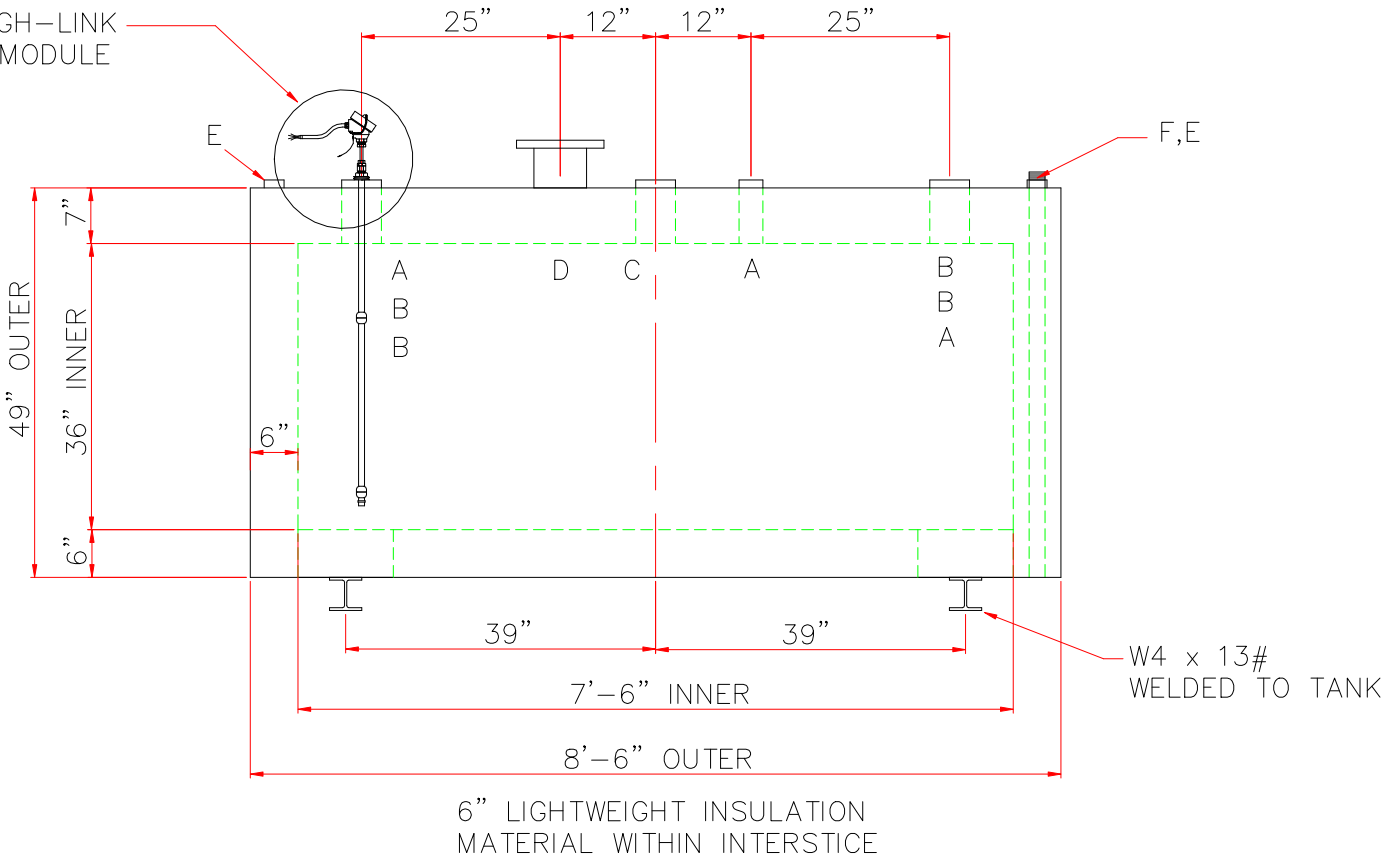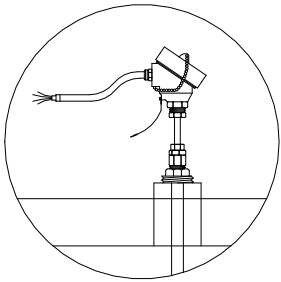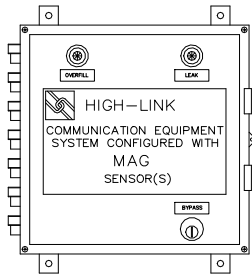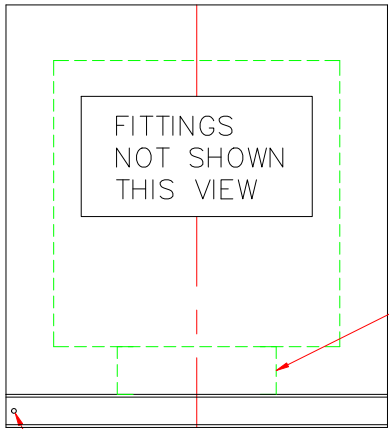HIGH-LINK LEVEL
SHIELD DETAIL

HIGH-LINK
COMMUNICATION EQUIPMENT
SYSTEM CONFIGURED WITH
MAG
SENSOR(S)

COMMUNICATION
BOX DETAIL

DESIGN DATA

CAPACITY : 500 GALLON	
TYPE: FIREGUARD® RECTANGULAR	
FIREGUARD® IS A TRADEMARK OF THE STEEL TANK INSTITUTE	
NO. REQ. — 1	
OPERATING PRESSURE — ATMOSPHERIC	
SPECIFIC GRAVITY = 1.0	
TANK MATERIAL — MILD CARBON STEEL	
THICKNESS — INNER — 7 GAUGE	
THICKNESS — OUTER — 7 GAUGE	
MIN. GAUGE OR THICKNESS (PER U.L. 2085)	
CONSTRUCTION — INNER — LAP WELD OUTSIDE ONLY	
CONSTRUCTION — OUTER — LAP WELD OUTSIDE ONLY	
TANK TEST — INNER — 1.5 TO 3 PSIG	
OUTER — 1.5 TO 3 PSIG	
INT. FINISH — NONE	
—	
EXT. FINISH — SP-6 BLAST, FINISH PAINT WHITE	
LABEL— UL 2085 AND FIREGUARD® PER sti	

LEGEND

A	2" FEMALE FIREGUARD COUPLING
B	4" FEMALE FIREGUARD COUPLING
C	4" FEMALE FIREGUARD COUPLING — FOR PRIMARY EMERGENCY VENT USE ONLY
D	6" FFSO 150# FLANGE THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL INTERSTITIAL EMERGENCY VENT USE ONLY
E	2" FITTING THROUGH OUTER SHELL ONLY WITH CAST IRON PLUG — FOR MFG USE ONLY
F	2" INTERSTITIAL MONITOR PIPE — MALE NPT END

48" OUTER
36" INNER
10"
12"
2"
12"

E
B
B
A
A
B
F
12"
10"
12"
2"

D   C   A

SEE HIGH-LINK
LEVEL MODULE
DETAIL

25"   12"   12"   25"

E

F,E

49" OUTER
36" INNER
7"
6"

A B B   D C   A   B B A

6"

39"   39"

7'-6" INNER

8'-6" OUTER

W4 x 13#
WELDED TO TANK

6" LIGHTWEIGHT INSULATION
MATERIAL WITHIN INTERSTICE

FITTINGS
NOT SHOWN
THIS VIEW

(2) PAIR 6"
CHANNEL TYP.

⅝"Ø GROUNDING
HOLE IN SUPPORT

Highland Tank

UNLESS NOTED, TOLERANCES ARE +/- 1"

500 GAL REC. FIREGUARD®

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

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY:

SCALE: 1/2"=1'-0"	DATE: XX/XX/XX	DWG. BY: XXX	DWG. NO.: 00500FGREC