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.

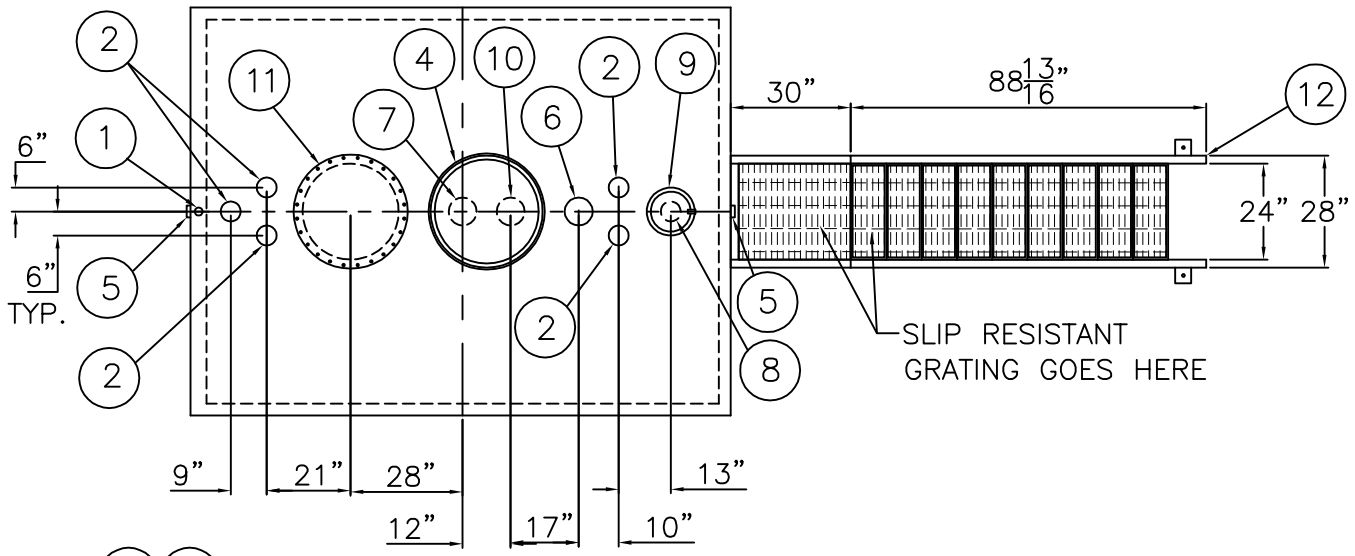
DESIGN DATA

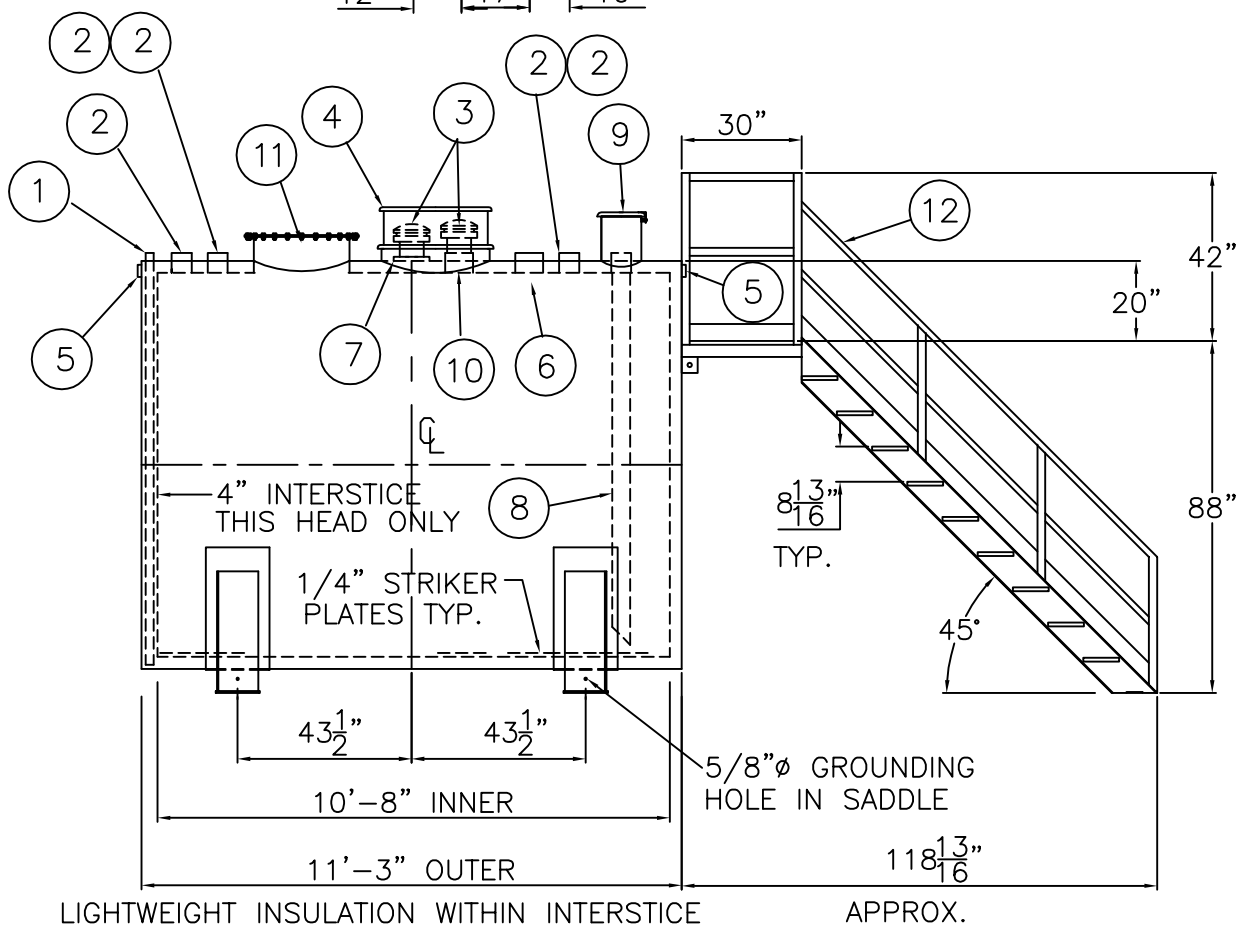
CAPACITY : 4,000 GALLON
TYPE: FIREGUARD® CYLINDRICAL
FIREGUARD® IS A TRADEMARK OF THE STEEL TANK INSTITUTE
NO. REQ. – –
OPERATING PRESSURE – ATMOSPHERIC
TANK MATERIAL – MILD CARBON STEEL
THICKNESS – INNER– HEADS: 5/16", SHELL: 1/4" THICKNESS – OUTER– HEADS: 5/16", SHELL: 1/4" MIN. GAUGE OR THICKNESS (PER U.L. 2085)
CONSTRUCTION – INNER – LAP WELD OUTSIDE ONLY CONSTRUCTION – OUTER – LAP WELD OUTSIDE ONLY
TANK TEST – PER UL 2085
INT. FINISH – NONE
EXT. FINISH – SP–6 BLAST, FINISH PAINT WHITE
LABEL– UL 2085 AND FIREGUARD® PER sti

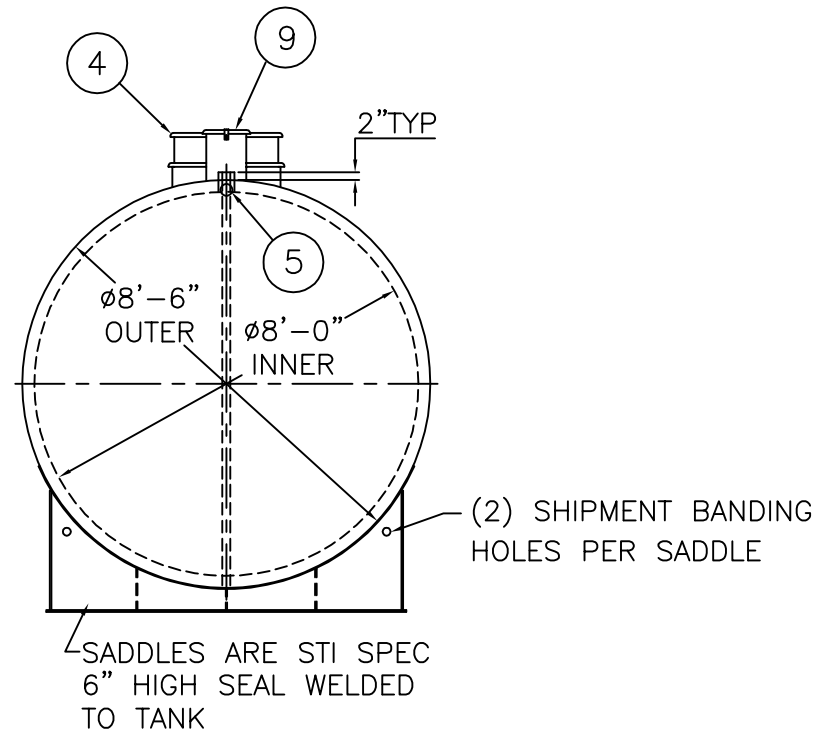
NOTE: ALL DIMENSIONS APPROXIMATE

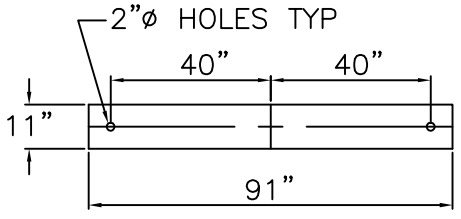
SHIP LOOSE

(2) 6" MALE THREADED EMERGENCY VENTS









BASE PLATE DETAIL

ITEM	QTY	DESCRIPTION
1	1	2" INTERSTITIAL MONITOR PIPE – MALE NPT END
2	5	4" FEMALE FIREGUARD COUPLING
3	2	6" EMERGENCY VENT
4	1	VENT DEFLECTOR ASSEMBLY
5	2	2" FITTING TUROUGH OUTER SHELL ONLY WITH CAST IRON PLUG– MFG USE ONLY
6	1	6" FEMALE FIREGUARD COUPLING
7	1	6" FITTING THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL INTERSTITIAL EMERGENCY VENT USE ONLY
8	1	4" FEMALE FIREGUARD COUPLING w/ 4" DROP PIPE TO WITHIN 6" OF THE BOTTOM OF THE TANK WITH 45° MITER
9	1	FILL CONTAINMENT CHAMBER
10	1	6" FEMALE FIREGUARD COUPLING – FOR PRIMARY EMERGENCY VENT USE
11	1	24" x 1/4" PLATE TIGHT BOLT MANWAY WITH 1/8" THICK NEO–CORK GASKET
12	1	STAIRS, PLATFORM AND HAND RAILS
13	–	–

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AREO–POWER®

U.S. PATENT # 4895272 CANADIAN PATENT APPLIED FOR

4,000 GAL 96"ø CYL. FIREGUARD®

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

CUSTOMER:

PROJECT:

QUOTE NO:

CHK'D BY:

SCALE:	DATE:	DWG. BY:	DWG. NO.:
1/4"=1'-0"			AP4000FG96CYL