NOTE: ALL RIGHTS RESERVED. THIS DRAWING MUST NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF AREO-POWER®. AREO-POWER® 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.

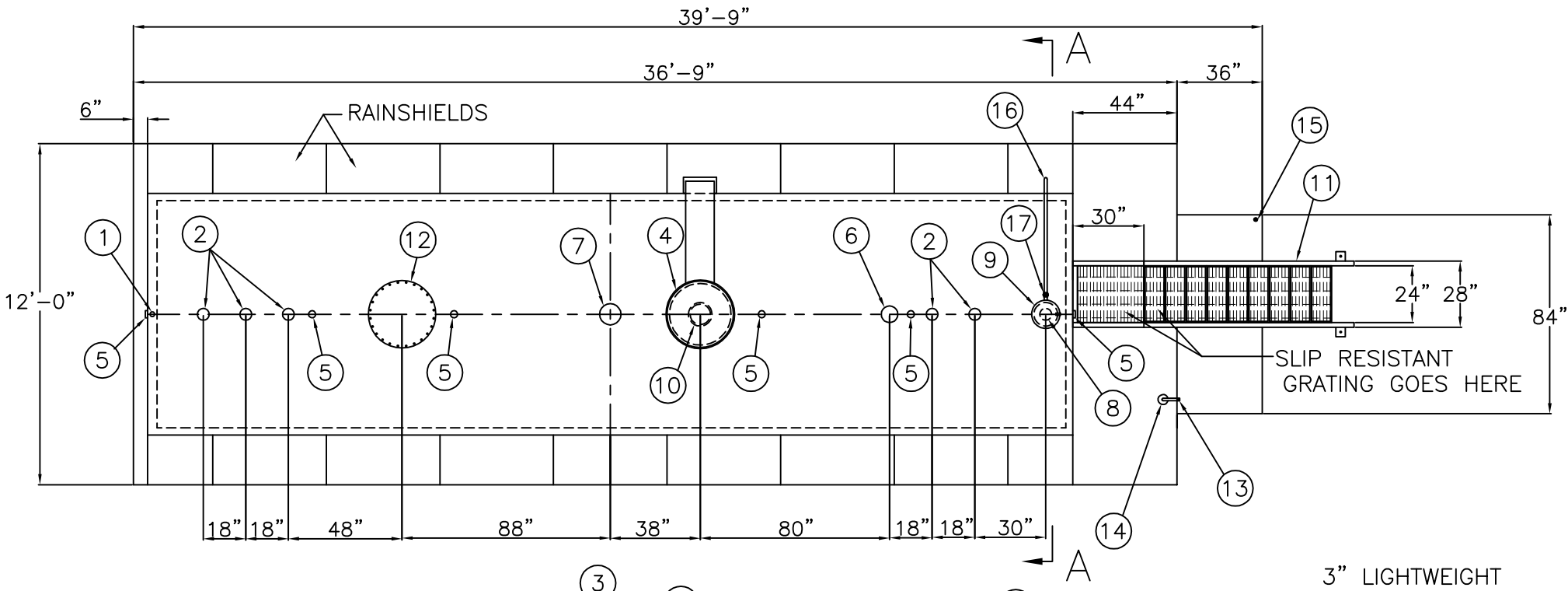
TOUCH UP OF FINISHED PAINT IS REQUIRED BY INSTALLATION CONTRACTOR. TOUCH UP PAINT SHIPPED WITH TANK.

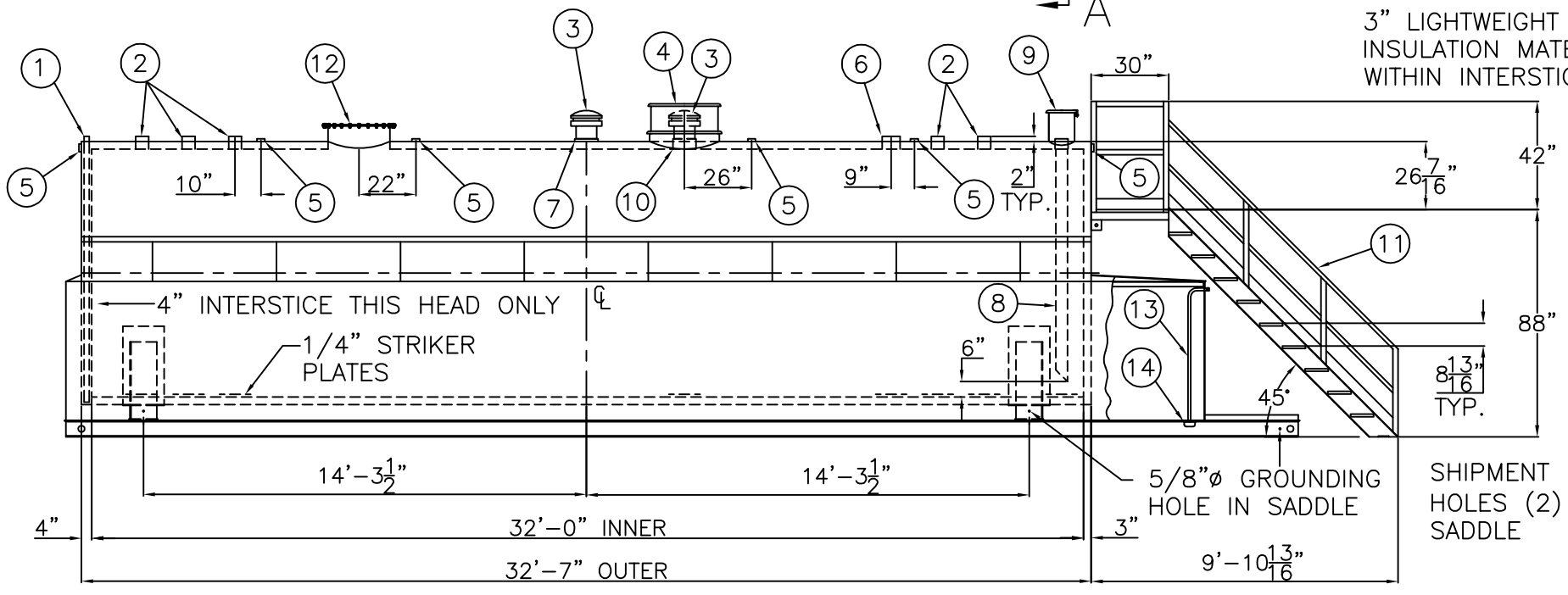
DESIGN DATA

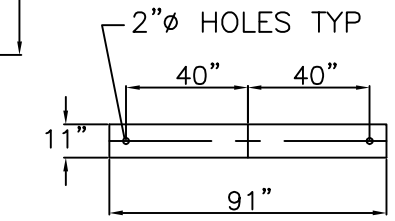
CAPACITY : 12,000 GALLON
TYPE: FIREGUARD® CYLINDRICAL
FIREGUARD® IS A TRADEMARK OF THE STEEL TANK INSTITUTE
NO. REQ. – –
OPERATING PRESSURE – ATMOSPHERIC
TANK MATERIAL – MILD CARBON STEEL
THICKNESS – INNER– HEADS: 5/16", SHELL: 1/4" THICKNESS – OUTER– HEADS: 5/16", SHELL: 1/4" MIN. GAUGE OR THICKNESS (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

DIKE DESIGN DATA

CAPACITY – 14,800 GALLONS
TANK MATERIAL – MILD CARBON STEEL
THICKNESS – ALL – 1/4"
CONSTRUCTION – WELDED INSIDE & OUTSIDE
FINISH – ALL – SAME AS TANK EXTERIOR

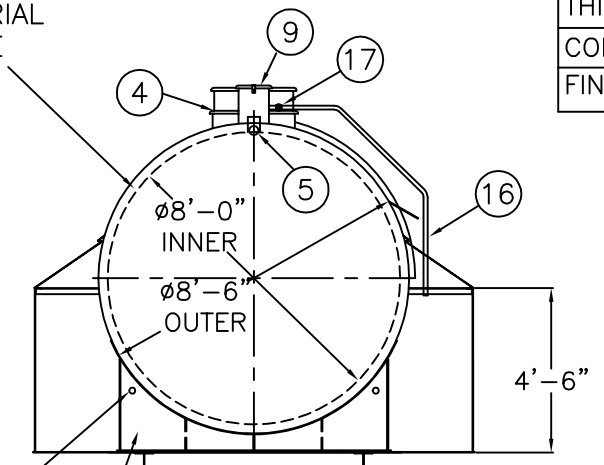






BASE PLATE DETAIL

3" LIGHTWEIGHT INSULATION MATERIAL WITHIN INTERSTICE



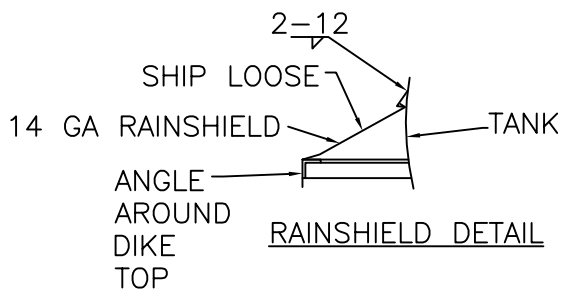
SHIPMENT BANDING HOLES (2) PER SADDLE

102" x 6" HIGH SADDLES sti SPECIFICATION, SEAL WELD (2) TO TANK

NOTE: ALL DIMENSIONS APPROXIMATE

SHIP LOOSE

(2) 8" MALE THREADED EMERGENCY VENTS
(1) VENT DEFLECTOR



RAINSHIELD DETAIL

ITEM	QTY	DESCRIPTION
1	1	2" MONITOR PIPE WITH MALE NPT END
2	5	4" FEMALE FG COUPLING
3	2	8" EMERGENCY VENT
4	1	EMERGENCY VENT PROTECTION HOOD & CHUTE
5	6	2" FITTING TUROUGH OUTER SHELL ONLY WITH CAST IRON PLUG– MFG USE ONLY
6	1	6" FEMALE FG COUPLING
7	1	8" FITTING THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL INTERSTITIAL EMERGENCY VENT USE ONLY
8	1	4" FEMALE FG COUPLING w/ 4" DROP PIPE TO WITHIN 6" OF THE BOTTOM OF THE TANK, MITER 45°
9	1	FILL CONTAINMENT CHAMBER
10	1	8" FEMALE FG COUPLING (PRIMARY VENT USE)
11	1	24" WIDE x 88" STAIRS w/ 1" FIBERGLASS GRATING, BOLT TO TANK, PAINT: SAFETY YELLOW, SHIP LOOSE, INSTALLATION ON SITE BY OTHERS.
12	1	24" x 1/4" PLATE TIGHT BOLT MANWAY WITH 1/8" THICK NEO-CORK GASKET
13	1	3/4" PUMPOUT PIPE
14	1	3" PIPE CAP SUMP
15	1	1/2" DRAIN FITTING
16	1	1" OVER FLOW PIPE
17	1	1" PIPE UNION

AREO–POWER®
PATENT NUMBER 5346093

12,000 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.:
3/16"=1'-0"			AP12000FG96DIKE