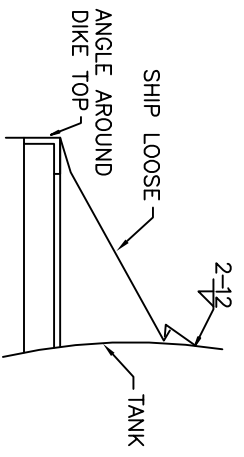
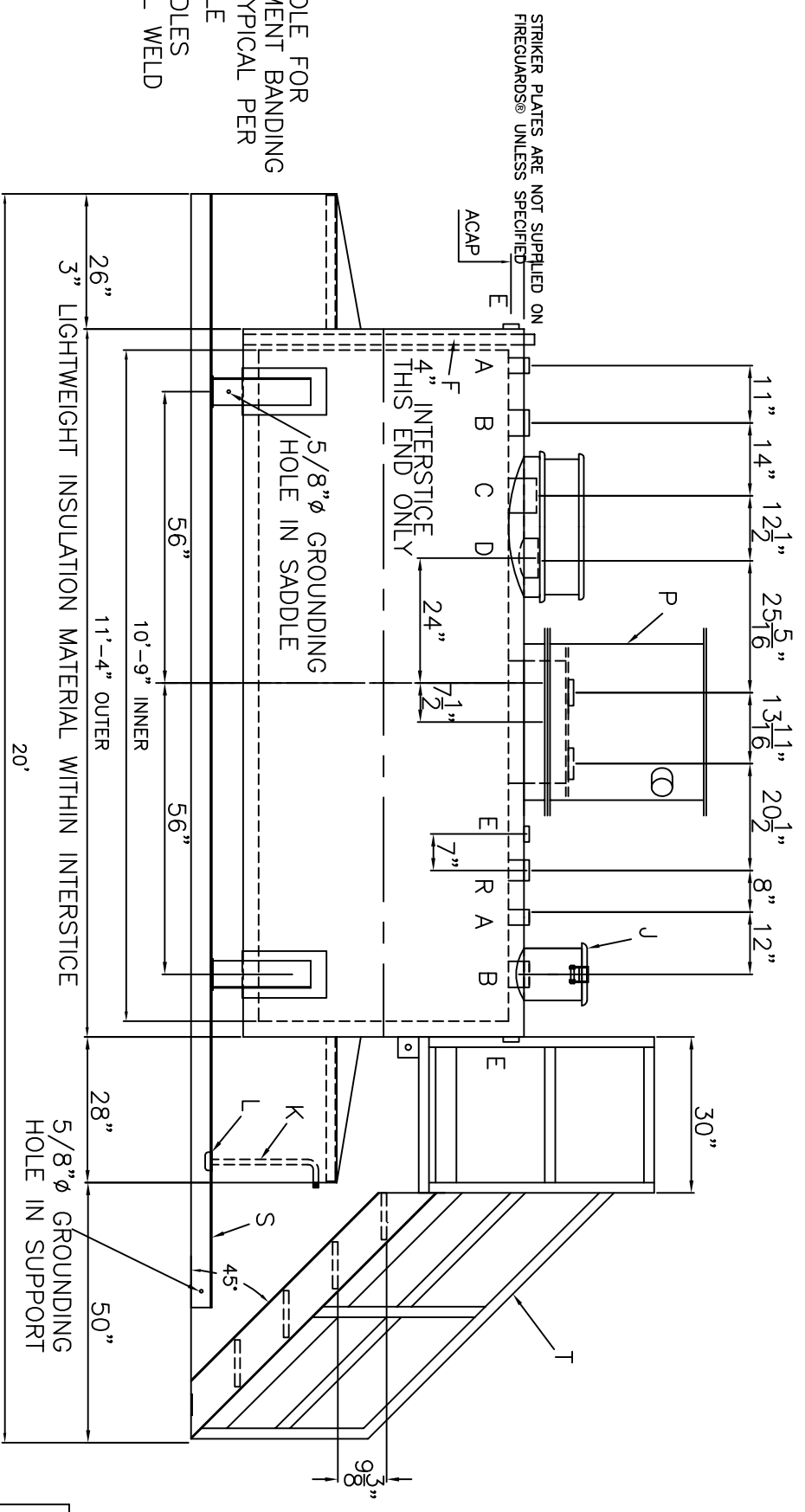
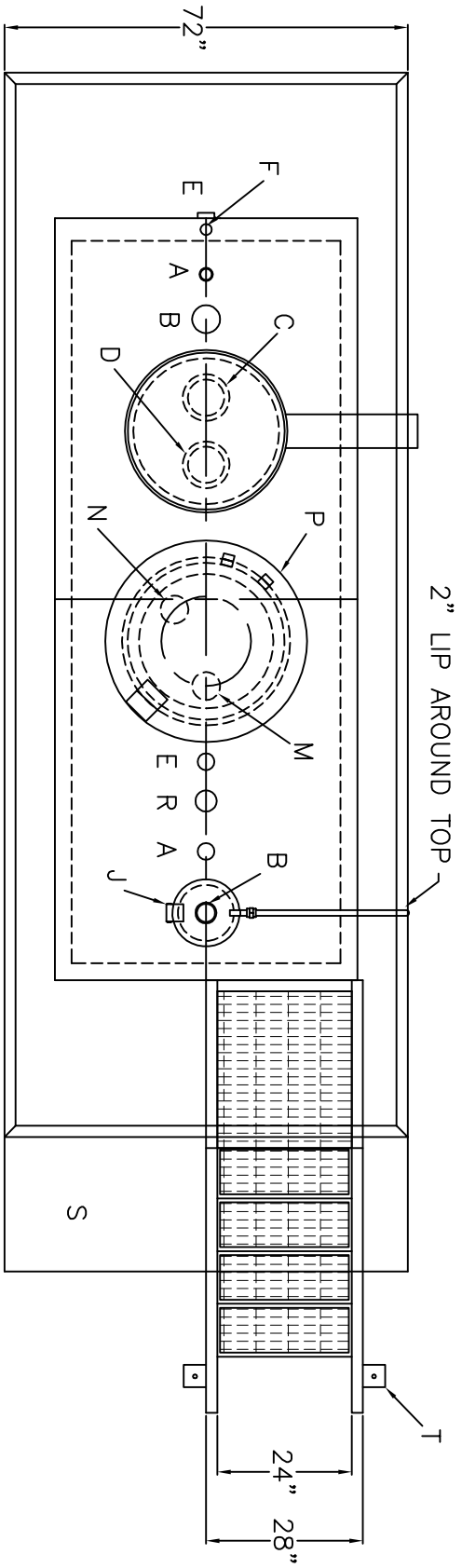
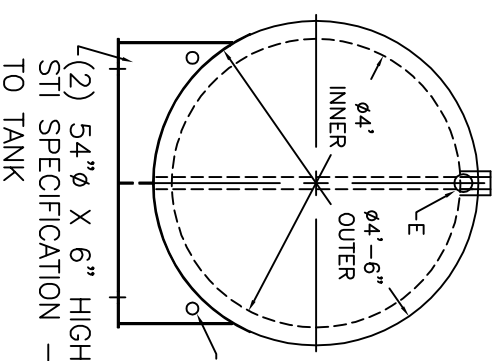
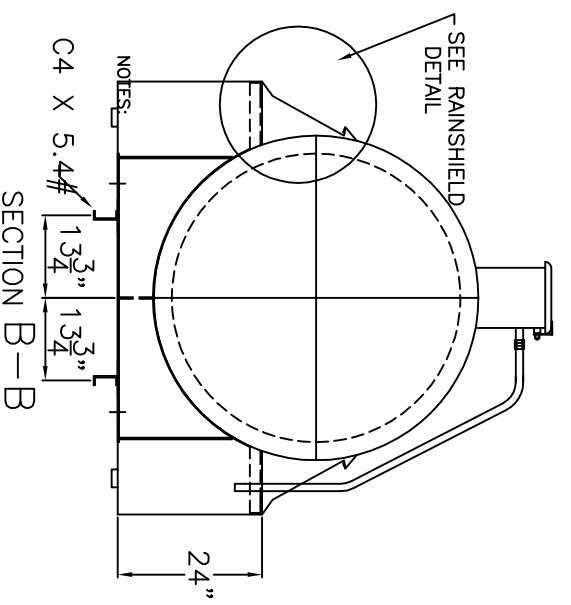


DESIGN DATA

CAPACITY :	1,000 GALLONS
TYPE:	FIREGUARD® CYLINDRICAL
FIREGUARD® IS A TRADEMARK OF THE STEEL TANK INSTITUTE	
NO. REQ. --	--
OPERATING PRESSURE	- ATMOSPHERIC
TANK MATERIAL	- MILD CARBON STEEL
THICKNESS - INNER	- 10 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	- 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	- 1100 GALLONS
TANK MATERIAL	- MILD CARBON STEEL
THICKNESS	- ALL - 7 GAUGE
CONSTRUCTION	- WELDED
FINISH	- ALL - SAME AS TANK EXTERIOR



RAINSHIELD DETAIL



LEGEND

A	2" FEMALE FIREGUARD COUPLING	F	2" INTERSTITIAL MONITOR PIPE - MALE NPT END	M	4" FNPT FITTING (PUMP USE- IN MANWAY COVER PLATE)	T	24" WIDE x 47" HIGH STAIRS AND PLATFORM. PAINT: SAFETY YELLOW, SHIP LOOSE, INSTALLATION ON SITE BY OTHERS.
B	4" FEMALE FIREGUARD COUPLING	G	2" FNPT FITTING (2 REQ'D) IN OPPOSITE CORNERS OF THE DIKE	N	4" FNPT FITTING (LEVEL GAUGE USE- IN MANWAY COVER PLATE)		
C	6" FEMALE FIREGUARD COUPLING - FOR PRIMARY EMERGENCY VENT USE	H	VENT DEFLECTOR ASSEMBLY	P	CONTAINMENT SUMP - DWG 59277		
D	6" FITTING THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL INTERSTITIAL EMERGENCY VENT USE ONLY	J	FILL CONTAINMENT CHAMBER w/ 1" PIPING TO DIKE	R	3" FEMALE FIREGUARD COUPLING		
E	2" FITTING THROUGH OUTER SHELL ONLY WITH CAST IRON PLUG- MFG USE ONLY	K	3/4" PUMP OUT PIPING	S	PUMP PAN w/ 2" LIP		
		L	3/4" PIPE CAP SUMP				

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.

AREO-POWER ®
PATENT NUMBER 5346093

1000 GALLON 48" ϕ CYL. FIREGUARD®

PATENT: 5,695,089 PATENT: 5,809,650
CUSTOMER: SUFFOLK CO

PROJECT: E85 STORAGE TANK

QUOTE NO: **SUB** CHK'D BY:

SCALE: 3/8" = 12" DWG. NO. 59249

DATE: 4/29/08 DWG. BY: 003