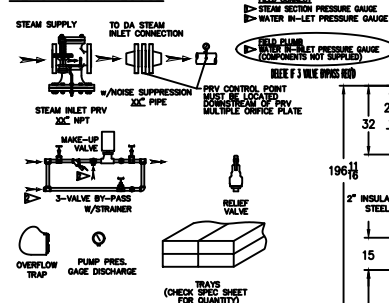


ITEMS TO SHIP LOOSE



- ① LOW TEMP. RETURN
 (<180 °F)
 ② HIGH TEMP. RETURN
 (>180 °F)

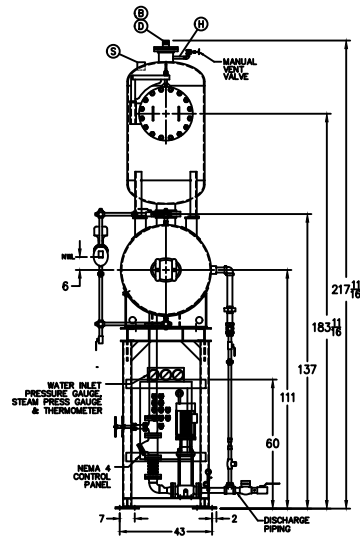
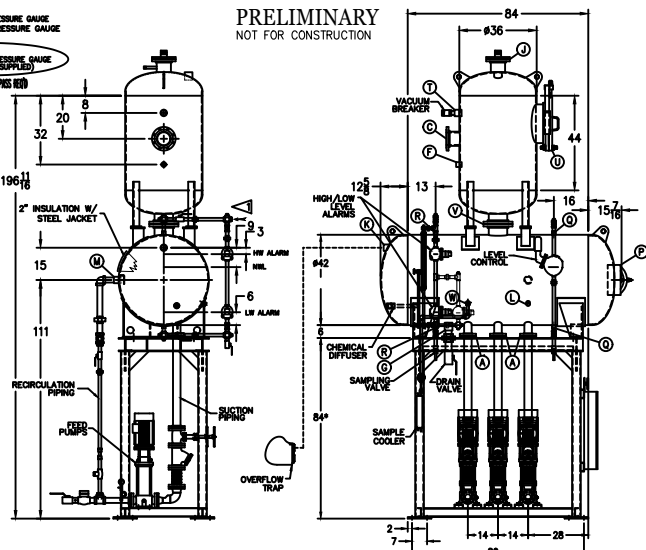
* STAND HEIGHT SUBJECT TO PUMP NPSH REQUIREMENTS
 ALL COMPONENTS CONTINGENT UPON FINAL ENGINEERING.
 PANEL SIZE MAY VARY DEPENDING ON JOB REQUIREMENTS
 TRAYS TO BE SHIPPED LOOSE AND INSTALLED IN THE FIELD.

DEAERATOR TANK CONNECTIONS

A. (3) PUMP SUCTION	3 FLG. IN.
B. (1) WATER INLET	2 1/2 IN.
C. (1) STEAM INLET	6 FLG. IN.
D. (1) LOW TEMP. RETURN	2 1/2 IN.
E. (1) MED TEMP. RETURN	2 IN.
F. (1) HI TEMP. RETURN	1 1/4 IN.
G. (1) DRAIN	2 1/2 IN.
H. (1) MANUAL VENT	3/4 IN.
J. (1) VENT CONDENSOR	6 FLG. IN.
K. (1) OVERFLOW	2 IN.
L. (1) THERMOMETER	1 IN.
M. (1) RECIRCULATION	2 IN.
N. (1) CHEMICAL FEED	1 IN.
P. (1) MANWAY	12 X 16 IN.
Q. (2) LEVEL CONTROLS	1 IN.
R. (2) LEVEL ALARMS	1 IN.
S. (1) RELIEF VALVE	2 1/2 IN.
T. (1) VACUUM BREAKER	2 IN.
U. (1) TRAY BOX ACCESS	18 FLG. IN.
V. (1) DOWNCOMER	8 FLG. IN.
W. (1) SAMPLE COOLER	1 IN.

CONNECTIONS NPT UNLESS NOTED, FLANGES 150# UNLESS NOTED

PRELIMINARY NOT FOR CONSTRUCTION



RATING & CAPACITIES		LTR.	DATE	REVISIONS	BY	THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER AND SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, AND NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER, IT MUST BE RETURNED UPON REQUEST.
DA TYPE		A		DESCRIPTION		
CAPACITY						SB
DA SECTION CAPACITY						SB
DA STORAGE CAPACITY						
DESIGN PRESSURE						
DESIGN TEMP.						
DEAERATION						
OPERATING PRESSURE						
DRY WEIGHT						
OPERATING WEIGHT						
FLOODED WEIGHT						
THE ABOVE WEIGHTS DO NOT INCLUDE PUMPS, TRIM OR CONTROL PANEL						
SHIPPING WEIGHT						
TANK (EMPTY)						
STAND/PUMPS						

NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER DRAWING.
- ALL DIMENSIONS ARE ±1" UNLESS OTHERWISE NOTED.
- DA TANK DESIGN CODE ASME SECTION VIII DIV 1.
- SEPARATE ALL LOADS FROM JUNIT 100% OF RATED OUTLET CAPACITY.
- ELIMINATE TITRABLE FREE CARBON DIOXIDE TO 0.
- CORROSION ALLOWANCE 1/16".
- TANK SEPARATED FROM STAND FOR SHIPMENT.
- SUPERIOR BOILER, INC. RESERVES THE RIGHT TO FURNISH TRIM SHOWN OR AN EQUAL SUBSTITUTE AS DETERMINED BY SB.

SUPERIOR BOILER

SCALE
 1/40

DRAWING NO
 X