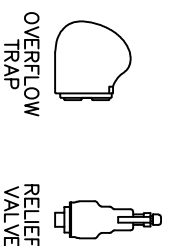
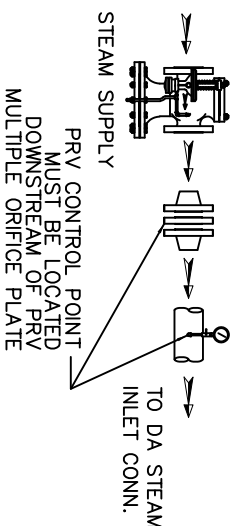


ITEMS TO SHIP LOOSE

STEAM INLET PRV W/NOISE SUPPRESSION
(IF REQUIRED)

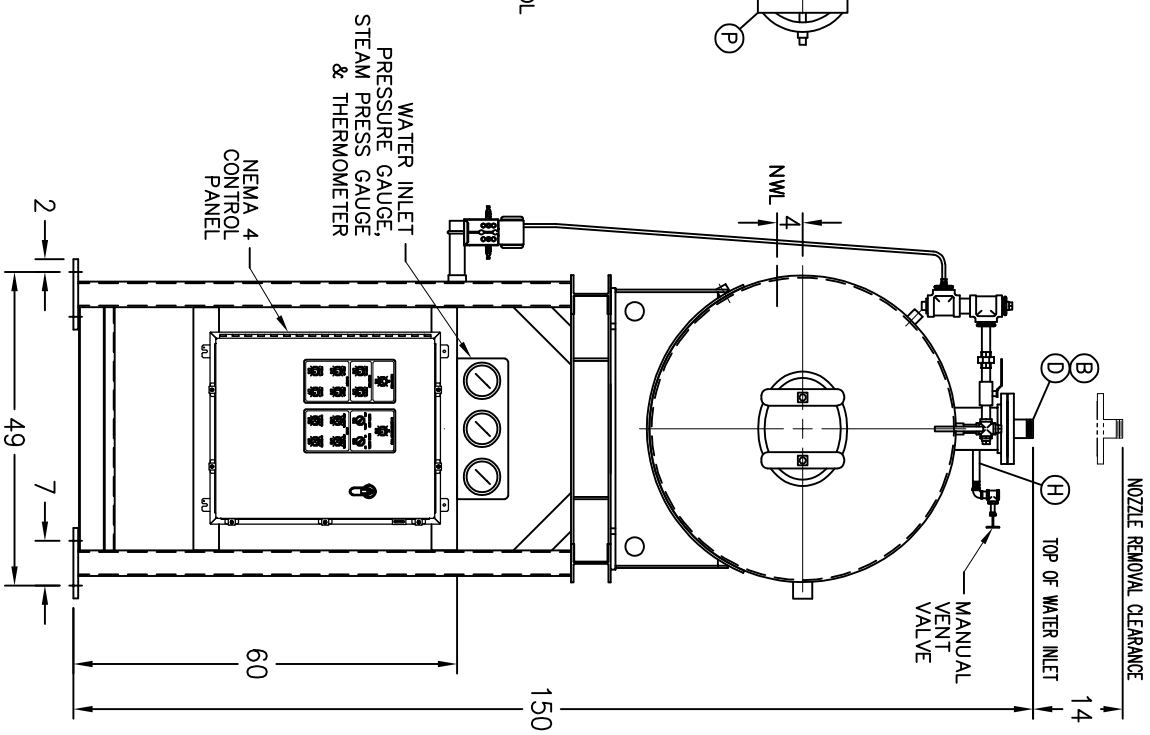
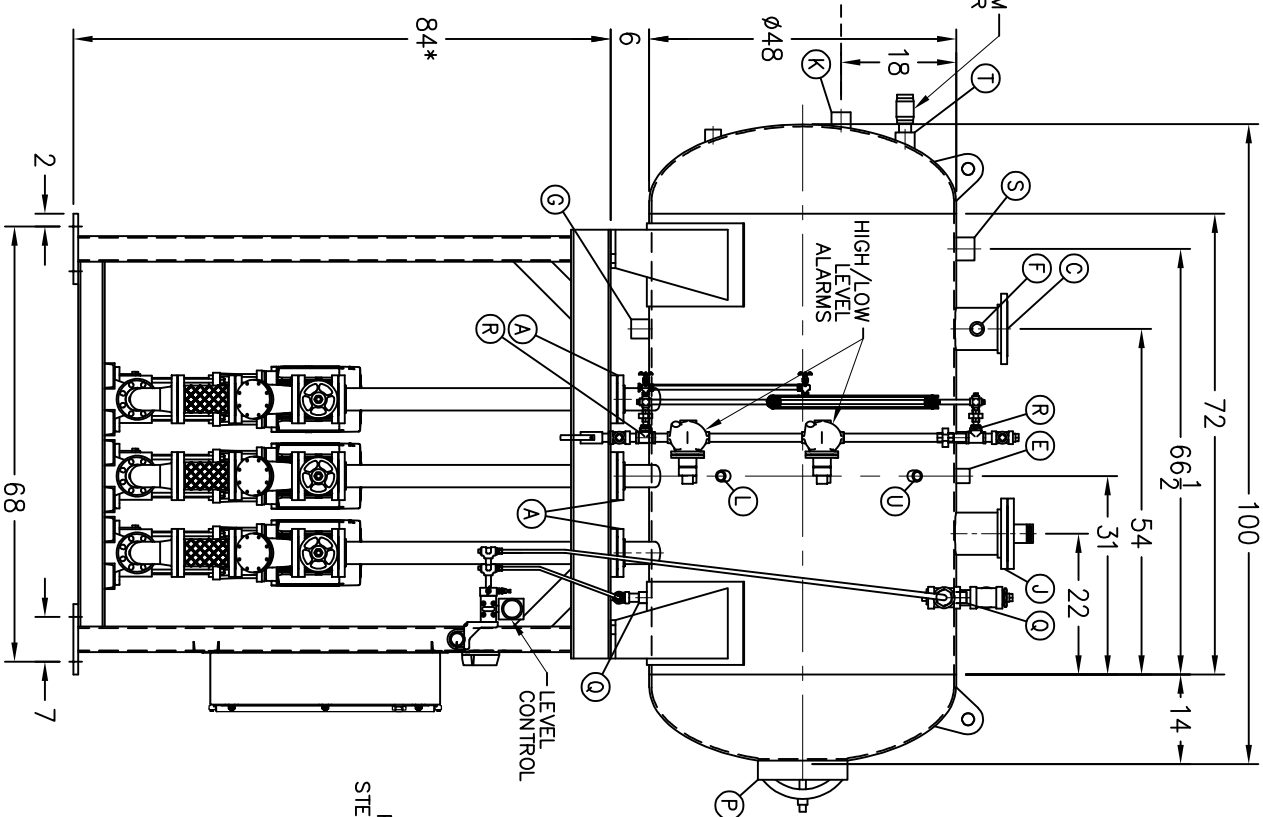
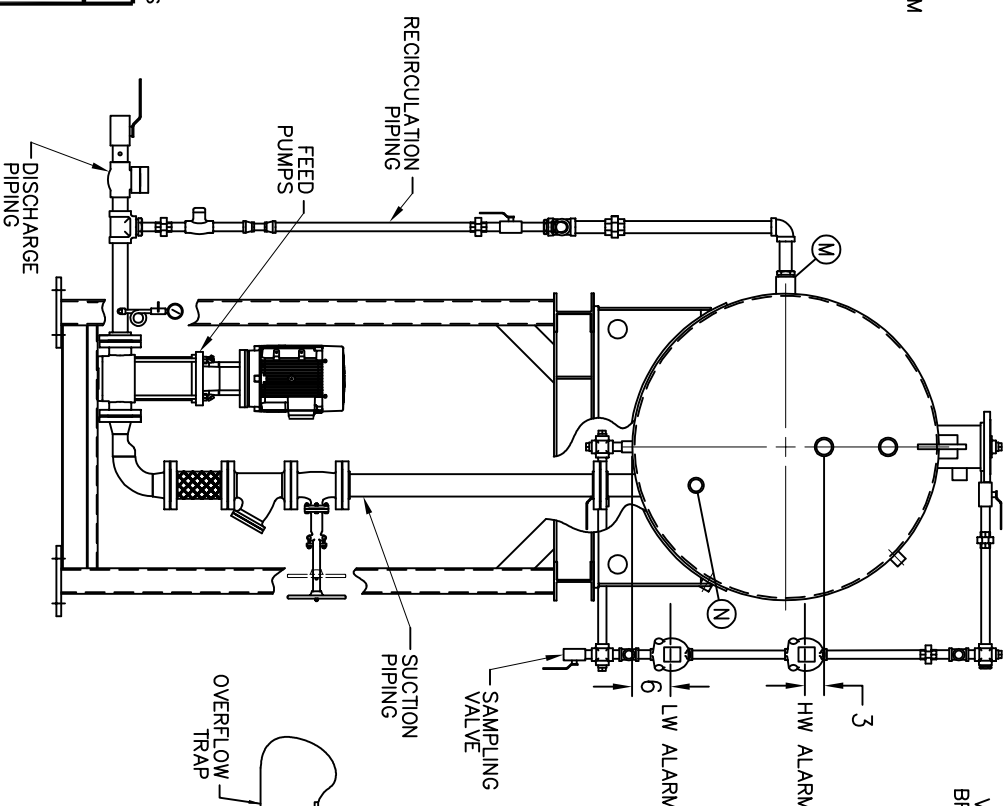
- LOW TEMP. RETURN
($<180^{\circ}\text{F}$)
- MEDIUM TEMP. RETURN
($180-227^{\circ}\text{F}$)
- HIGH TEMP. RETURN
($>227^{\circ}\text{F}$)

* STAND HEIGHT SUBJECT TO PUMP NPSH REQUIREMENTS
PUMPS SIZED TO SPECIFIC JOB REQUIREMENTS.
ALL COMPONENTS CONTINGENT UPON FINAL ENGINEERING.
PANEL SIZE MAY VARY DEPENDING ON JOB REQUIREMENTS

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 _____ | 1 1/4 IN. |
| F. (1) HI TEMP RETURN _____ | 1 1/4 IN. |
| G. (1) DRAIN _____ | 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 1/2 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) AUXILIARY CONN. _____ | 1 IN. |

CONNECTIONS NPT UNLESS NOTED, FLANGES 150# UNLESS NOTED



RATING & CAPACITIES		LTR.	DATE	REVISIONS	BY
DA TYPE	_____				
CAPACITY	_____ 18,000 LBS./HR				
DA SECTION CAPACITY	_____ 430 GALS.				
DA STORAGE CAPACITY	_____ 12 MINUTES MIN.				
DESIGN PRESSURE	_____ 50 PSIG STEAM				
DESIGN TEMP.	_____ 400° F				
DEAERATION	_____ .005 CC/LITER				
OPERATING PRESSURE	_____ 5 PSIG				
DRY WEIGHT.	_____ 3,623 LBS				
OPERATING WEIGHT.	_____ 5,952 LBS				
FLOODED WEIGHT.	_____ 7,046 LBS				
THE ABOVE WEIGHTS DO NOT INCLUDE PUMPS, TRIM OR CONTROL PANEL.					
SHIPPING WEIGHT					
TANK (EMPTY)	_____ 2,469				
STAND/PUMPS	_____ 3,064				
NOTES					
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET. 2. SPECIFICATION SHEET TAKES PRIORITY OVER DRAWING. 3. ALL DIMENSIONS ARE ±1" UNLESS OTHERWISE NOTED. 4. DA TANK DESIGN CODE ASME SECTION VIII, DIV 1 5. DEERATE ALL LOADS FROM 3% TO 100% OF RATED OUTLET CAPACITY 6. ELIMINATE TITRATABLE FREE CARBON DIOXIDE TO 0. 7. CORROSION ALLOWANCE 1/16" 8. TANK SEPARATED FROM STAND FOR SHIPMENT. 9. SUPERIOR BOILER, INC. RESERVES THE RIGHT TO FURNISH TRIM SHOWN OR AN EQUAL SUBSTITUTE AS DETERMINED BY SB.					
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.					
SOLD TO: _____ SB					
JOB: _____ SB					
DRAWN BY: _____		DATE _____	CHECKED BY: _____	DATE _____	
DRAWING NAME DEAERATOR, SPRAY					
MODEL NO: _____ SS018T155-125					
SIZE: _____ 430 GALLONS					
SCALE 1/30		DRAWING No			
