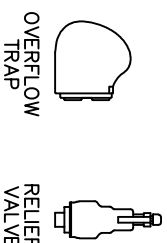
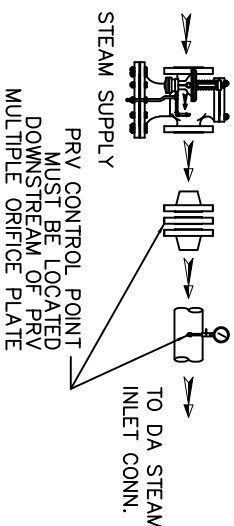


ITEMS TO SHIP LOOSE

STEAM INLET PRV W/NOISE SUPPRESSION
(IF REQUIRED)

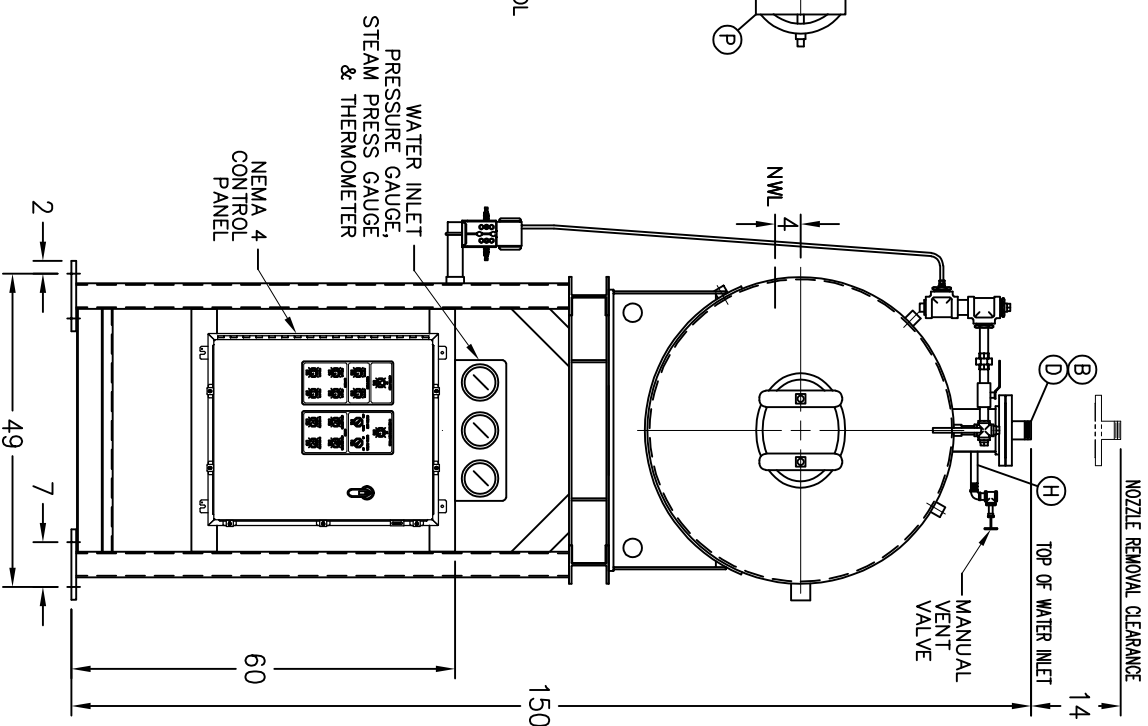
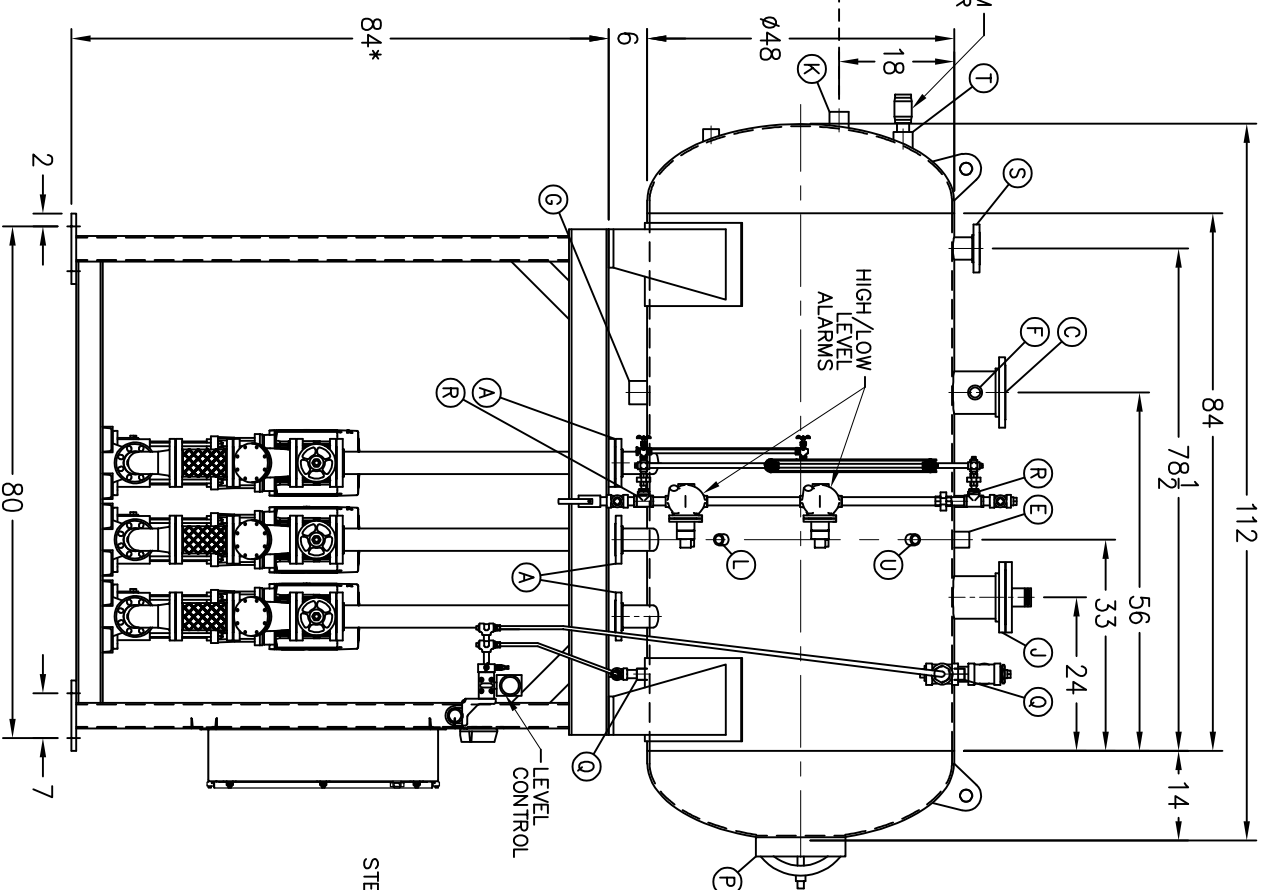
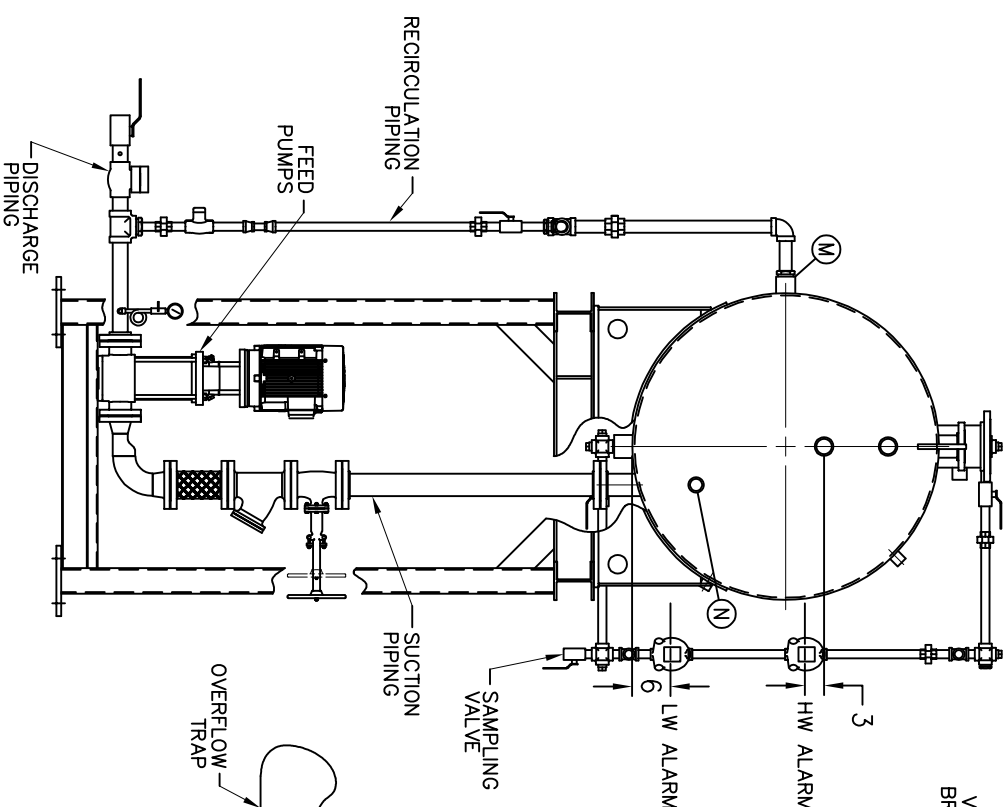
- LOW TEMP. RETURN
($<180^{\circ}\text{F}$)
- MEDIUM TEMP. RETURN
($180-227^{\circ}\text{F}$)
- HIGH TEMP. RETURN
($>227^{\circ}\text{F}$)

* 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 1/2 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 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 _____ | 3 FLG. 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	_____		_____	_____	_____	_____
	24,000 LBS/HR					
DA SECTION CAPACITY	_____		_____	_____	_____	_____
	500 GALS.					
DA STORAGE CAPACITY	_____		_____	_____	_____	_____
	10 MINUTES MIN.					
DESIGN PRESSURE	_____		_____	_____	_____	_____
	50 PSIG STEAM					
DESIGN TEMP.	_____		_____	_____	_____	_____
	400° F					
DEAERATION	_____		_____	_____	_____	_____
	.005 CC/LITER					
OPERATING PRESSURE	_____		_____	_____	_____	_____
	5 PSIG					
DRY WEIGHT	_____		_____	_____	_____	_____
	3,895 LBS					
OPERATING WEIGHT	_____		_____	_____	_____	_____
	6,542 LBS					
FLOODED WEIGHT	_____		_____	_____	_____	_____
	7,820 LBS					
THE ABOVE WEIGHTS DO NOT INCLUDE PUMPS, TRIM OR CONTROL PANEL.						
SHIPPING WEIGHT						
TANK (EMPTY)	_____		_____	_____	_____	_____
	2,681					
STAND/PUMPS	_____		_____	_____	_____	_____
	5,815					
	LBS.					
	LBS.					
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. DEAERATE 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: _____						
SS024T155-125						
SIZE: _____						
500 GALLONS						
SCALE						
1/30						
DRAWING No						
SUPERIOR BOILER						