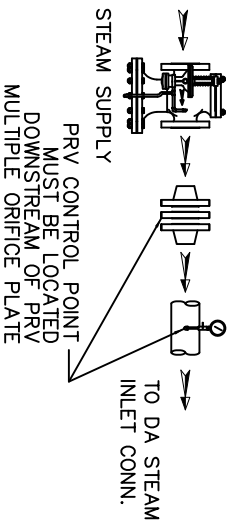


ITEMS TO SHIP LOOSE

STEAM INLET PRV w/NOISE SUPPRESSION
(IF REQUIRED)

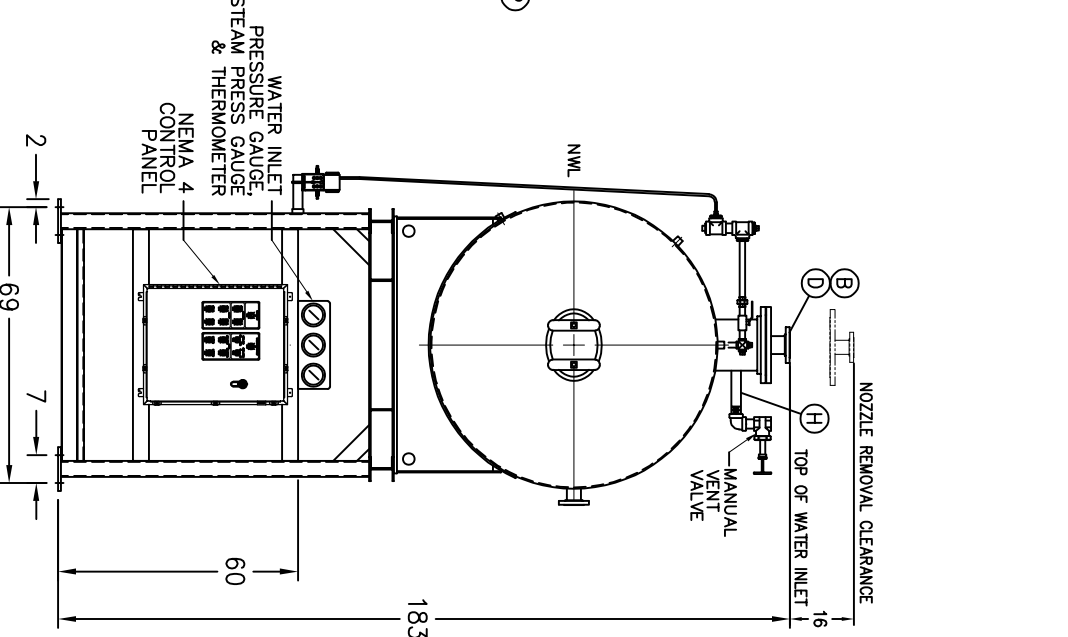
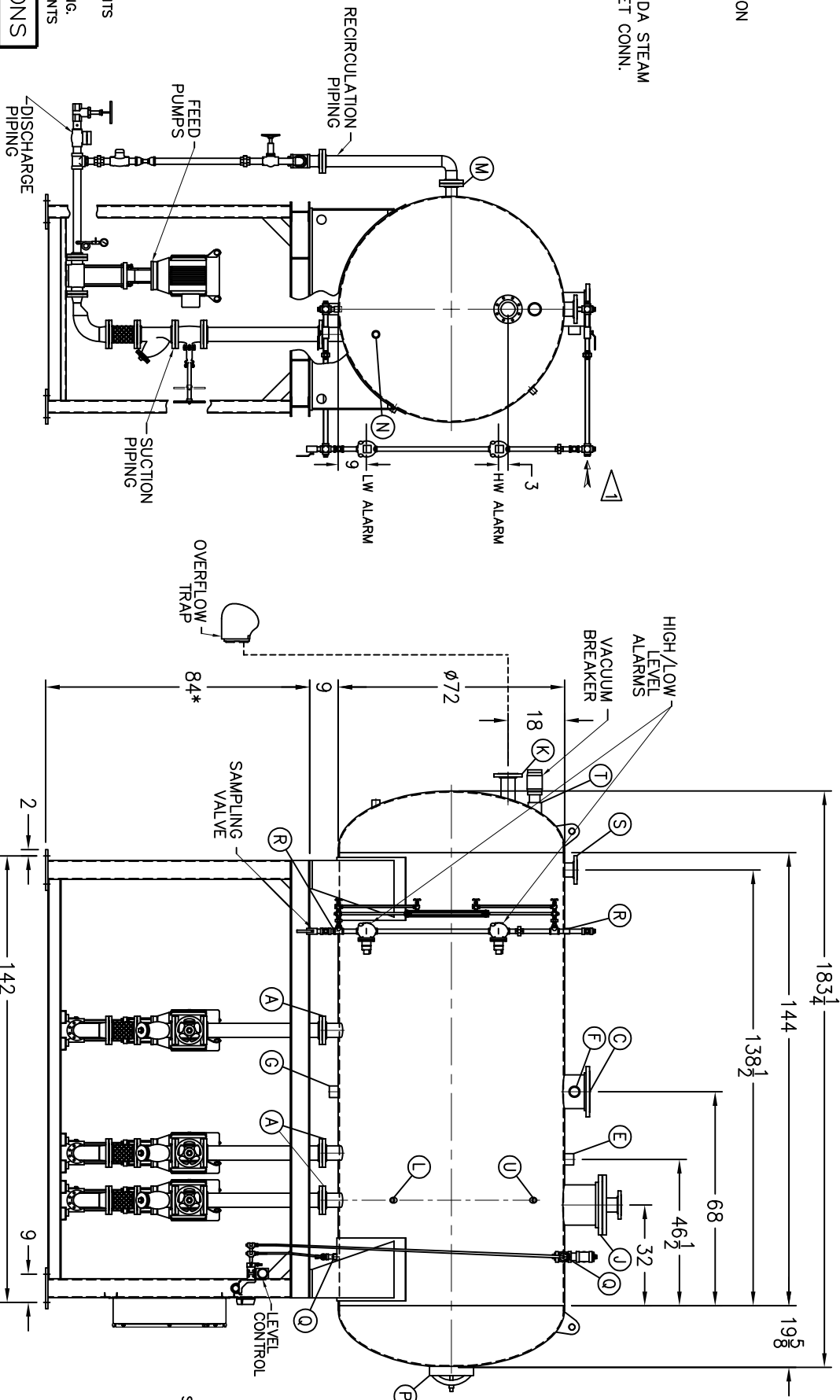


- D LOW TEMP. RETURN (<180 °F)
- E MEDIUM TEMP. RETURN (180–227 °F)
- F HIGH TEMP. RETURN (>227 °F)

* 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 _____ 4 FLG. IN.
- B. (1) WATER INLET _____ 4 FLG. IN.
- C. (1) STEAM INLET _____ 10 FLG. IN.
- D. (1) LOW TEMP. RETURN _____ 4 FLG. IN.
- E. (1) MED TEMP RETURN _____ 2 1/2 IN.
- F. (1) HI TEMP RETURN _____ 2 1/2 IN.
- G. (1) DRAIN _____ 2 1/2 IN.
- H. (1) MANUAL VENT _____ 2 IN.
- J. (1) VENT CONDENSOR _____ 12 FLG. IN.
- K. (1) OVERFLOW _____ 4 FLG. IN.
- L. (1) THERMOMETER _____ 1 IN.
- M. (1) RECIRCULATION _____ 3 FLG. 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 _____ 4” 300# FLG. IN.
- T. (1) VACUUM BREAKER _____ 3 IN.
- U. (1) AUX. CONNECTION _____ 1 IN.



RATING & CAPACITIES		LTR.	DATE	REVISIONS	BY
DA TYPE _____					
CAPACITY _____					
DA SECTION CAPACITY _____					
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

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.

DRAWING NAME			
DEAERATOR, SPRAY			
MODEL NO: SS110T155-125			
SIZE: 2,225 GALLONS			
SCALE	DRAWING No		
1/48			