



BOILER CONNECTIONS

RATINGS & CAPACITIES

LIN DATE

REVISION

BY REPRESENTATIVE

X

PROJECT

X

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION I.
4. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE $\pm 1/2"$ UNLESS OTHERWISE NOTED.
6. HORSEPOWER AND RELATED INFO BASED ON 55°F/FIRING.

SUPERIOR BOILER

CHECKED BY

DATE

DRAWN BY

DATE

SEMINOLE BOILER MODEL
6-5-625-S150

SCALE

DRAWING No

1/48

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THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER WORKS & SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.

- A.(1) STEAM OUTLET 4" 300# FLANGE
B.(4) LWCO 1" NPT
C.(2) SAFETY VALVE 2" NPT
D.(1) SAFETY VALVE
E.(1) BOILER BLOWDOWN 1 1/4" NPT
F.(1) SURFACE BLOWDOWN 1" NPT
G.(1) MANWAY 12" x 16"
H.(5) HANDHOLE 3" x 4"
J.(1) CLEANOUT 17" ID
K.(2) FEEDWATER 1 1/4" NPT
L.(1) AUXILIARY 2" NPT
M.(1) LOW FIRE HOLD 1" NPT
N.(1) STACK TEMP 1/2" NPT
P.(1) SIGHTPORT 1" PIPE
Q.(1)
R.(1)
S.(1)

- HORSEPOWER 125
DESIGN PRESSURE 150 PSIG STEAM
GROSS OUTPUT 4184 MBH
STEAM (FROM & AT 212°F) 4312 LBS/Hr
HEAT RELEASE (FURNACE ONLY) 137,798 BTU/CuFt
RATED INPUT 8230 MBH
HEATING SURFACE (ASME) 759 SqFt
FURNACE HEATING SURFACE 89.48 SqFt
FURNACE VOLUME 37.98 CuFt
TURNAROUND VOLUME 24.09 CuFt
STEAMING VOLUME 20.05 CuFt
STEAM RELEASE AREA 40.87 SqFt
WATER CAPACITY:
(FULL) 1,285 GAL • 10,895 LBS
(NVL) 1,138 GAL • 9,447 LBS
SHIPPING WEIGHT: 13,000 LBS