



#### BOILER CONNECTIONS

A.(1) STEAM OUTLET	8" 300# FLANGE
B.(4) LWCO	1" NPT
C.(3) SAFETY VALVE	2" NPT
D.(1) SAFETY VALVE	2" NPT
E.(2) BOILER BLOWDOWN	2" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	5" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(2) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1" PIPE
Q.(1)	
R.(1)	
S.(1)	

#### RATINGS & CAPACITIES

HORSEPOWER	700 HP •
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	23433 MBH •
STEAM (FROM & AT 212°F)	24150 LB/Hr •
HEAT RELEASE (FURNACE ONLY)	190807 BTU/GalF •
RATED INPUT	28281 MBH •
HEATING SURFACE (ASME)	3516 SqFt
FURNACE HEATING SURFACE	18415 SqFt
FURNACE VOLUME	153.67 CuFt
TURNAROUND VOLUME	93.90 CuFt
STEAMING VOLUME	128.45 CuFt
STEAM RELEASE AREA	120.41 SqFt
WATER CAPACITY:	
(FULL)	5171 Gal • 43,010 Lbs
(NWL)	4225 Gal • 35,142 Lbs
SHIPPING WEIGHT:	47,100 Lbs

LWR DATE

REVISION

BY

REPRESENTATIVE

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PROBOS

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#### 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 AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ±1/2 UNLESS OTHERWISE NOTED.
6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.



CHECKED BY

DATE

DRAWN BY

DATE

SEMINOLE

BOILER MODEL

6-5-3500-S150-

SCALE

DRAWING NO.

1/80

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