



#### BOILER CONNECTIONS

A.(1) STEAM OUTLET	10" 300# FLG
B.(4) LIND	1" NPT
C.(5) SAFETY VALVE	2" NPT
D.(1) SAFETY VALVE	2" NPT
E.(2) BOILER BLOWDOWN	2" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MAINWAY	1 1/2" x 16"
H.(5) HANDHOLE	3" x 6"
J.(1) CLEANOUT	18"
K.(2) FEEDWATER	3" NPT
L.(1) VENT/AUXILIARY	2" NPT
M.(2) LOW FIRE HOLD	1 1/2" NPT
N.(1) STACK TEMP	1 1/2" NPT
P.(1) SIGHTPORT	1" NPT
Q.(1)	
S.(1)	

#### RATINGS & CAPACITIES

HORSEPOWER	1500hp
DESIGN PRESSURE	1500 PSIG
GROSS OUTPUT	50000 BHP/H
STEAM (FROM & AT 212°F)	81700 LBS/H
HEAT RELEASE (FURNACE ONLY)	147774 BTU/Co/F
RATED INPUT	62766 MBH
HEATING SURFACE (ASME)	7555
FURNACE HEATING SURFACE	357.26 SqFt
FURNACE VOLUME	426.18 Co/F
TURNAROUND VOLUME	120.45 Co/F
STEAMING VOLUME	357.26 Co/F
STEAM RELEASE AREA	210.73 SqFt
WATER CAPACITY:	
(FULL)	10.921 Gal
(W/L)	8.284 Gal
SHIPPING WEIGHT:	94,000 Lbs

LTR DATE

REVISION

BY

REPRESENTATIVE

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PROJECT

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#### NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- BOILER DESIGN CODE ASME SECTION I
- BOILER INSULATED WITH 2" - 84 DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE  $\pm 1/2"$  UNLESS OTHERWISE NOTED.
- HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

**SUPERIOR BOILER**

CHECKED BY

DATE

DRAWN BY

DATE

SUPER SEMIHOLE

BOILER MODEL

X6-5-7500-S150-

SCALE

DRAWING No

1/90

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