


BOILER CONNECTIONS

A.(1)	STEAM OUTLET	10" 150# FLANGE
B.(4)	LWCO	1" NPT
C.(1)	SAFETY VALVE	2 1/2" NPT
D.(1)	SAFETY VALVE	3" NPT
E.(2)	BOILER BLOWDOWN	2" NPT
F.(1)	SURFACE BLOWDOWN	1" NPT
G.(1)	MANWAY	12" x 16"
H.(5)	HANDHOLE	3" x 4"
J.(1)	CLEANOUT	1" ID
K.(2)	FEEDWATER	2" NPT
L.(1)	AUXILIARY/VENT	2" NPT
M.(1)	LOW FIRE HOLD	1" NPT
N.(1)	STACK TEMP	1/2" NPT
P.(1)	SIGHTPORT	1" NPT
Q.()		
R.()		
S.()		

RATINGS & CAPACITIES

HORSEPOWER	300*
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	10043 MBH*
STEAM (FROM & AT 212°F)	10350 LB/HR*
HEAT RELEASE: (FURNACE ONLY)	142813 BTU/CuFt*
RATED INPUT	12553 MBH*
HEATING SURFACE (ASME)	1517
FURNACE HEATING SURFACE	112.76
FURNACE VOLUME	87.90 CuFt
TURNAROUND VOLUME	39.50 CuFt
STEAMING VOLUME	43.05 CuFt
STEAM RELEASE AREA	67.22 SqFt
WATER CAPACITY:	
(FULL)	2,446 Gal @ 20,348 Lbs
(NW.)	2,124 Gal @ 17,670 Lbs
SHIPPING WEIGHT:	21,409 Lbs

LTR	DATE	REVISION	BY	REPRESENTATIVE:
				?
				PROJECT:
				?

NOTES			CHECKED BY	DATE	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.
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET. 2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET. 3. BOILER DESIGN CODE ASME SECTION IV. 4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET. 5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED. *6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.			DRAWN BY	DATE	
		MOHICAN	?		
		BOILER MODEL			
		7-5-1500-S15			
SCALE	DRAWING No				
1/64	?				