



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	4" 300# FLANGE	HORSEPOWER	100*					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM					
C.(2) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	3348 MBH*					
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	3450 Lbs/Hr*					
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	148466 BTU/CuFt*					PROJECT:
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	4184 MBH*					?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	509 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	65.07 SqFt					
J.(1) CLEANOUT	17" ID	FURNACE VOLUME	28.18 CuFt					
K.(2) FEEDWATER	1 1/4" NPT	TURNAROUND VOLUME	18.44 CuFt					
L.(1) AUXILIARY/VENT	1 1/2" NPT	STEAMING VOLUME	21.26 CuFt					
M.(2) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	43.28 SqFt					
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHT PORT	1" PIPE	(FULL)	1,277 Gal @ 10,619 Lbs					
Q.( )		(NWL)	1,118 Gal @ 9,296 Lbs					
R.( )		SHIPPING WEIGHT:	11,600 Lbs					
S.( )								

  

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" - 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.			

  

	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.
	DRAWN BY	DATE	
MOHICAN BOILER MODEL 7-5-500-S150			
SCALE	DRAWING No		
1/45	?		