



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	8" 300# FLANGE	HORSEPOWER	1000*					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM					
C.(4) SAFETY VALVE	2" NPT	GROSS OUTPUT	33475 MBH*					
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	34500 Lbs/Hr*					
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	155304 BTU/CuFt*					PROJECT:
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	41844 MBH*					?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	5051 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	276.05 SqFt					
J.(1) CLEANOUT	17" ID	FURNACE VOLUME	269.43 CuFt					
K.(2) FEEDWATER	2" NPT	TURNAROUND VOLUME	82.98 CuFt					
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	169.32 CuFt					
M.(2) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	152.94 SqFt					
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHT PORT	1" NPT	(FULL)	6,953 Gal @ 57,830 Lbs					
Q.()		(NWL)	5,686 Gal @ 47,295 Lbs					
R.()		SHIPPING WEIGHT:	66,600 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	
BOILER MODEL			
DRAWING No			
MOHICAN	7-5-5000-S150		
SCALE			
1/70			