



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	3" NPT	HORSEPOWER	80					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM					
C.(1) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	2678 MBH					
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	2760 Lbs/Hr					
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	156314 BTU/CuFt					PROJECT:
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	3348 MBH					?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	415 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	49.29 SqFt					
J.(1) CLEANOUT	17" ID	FURNACE VOLUME	21.42 CuFt					
K.(2) FEEDWATER	1 1/4" NPT	TURNAROUND VOLUME	18.44 CuFt					
L.(1) AUXILIARY/VENT	1 1/2" NPT	STEAMING VOLUME	16.30 CuFt					
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	34.76 SqFt					
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHT PORT	1 1/4" NPT	(FULL)	1,030 Gal @ 8,565 Lbs					
Q.()		(NWL)	908 Gal @ 7,551 Lbs					
R.()		SHIPPING WEIGHT:	10,300 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" OF INSULATION WITH 22 GAUGE STEEL JACKET. 5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.			

	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	7-5-400-S150		
SCALE			
1/45			