



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR		DATE		REVISION		BY		REPRESENTATIVE	
A.(1) STEAM OUTLET 8" 300# FLANGE		HORSEPOWER 800										?	
B.(4) LWCO 1" NPT		DESIGN PRESSURE 150 PSIG STEAM											
C.(3) SAFETY VALVE 2" NPT		GROSS OUTPUT 28780 MBH											
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F) 27800 Lbs/Hr											
E.(2) BOILER BLOWDOWN 2" NPT		HEAT RELEASE (FURNACE ONLY) 173365 BTU/CuFt										PROJECT:	
F.(1) SURFACE BLOWDOWN 1" NPT		RATED INPUT 33475 MBH										?	
G.(1) MANWAY 12" x 16"		HEATING SURFACE (ASME) 4048 SqFt											
H.(5) HANDHOLE 3" x 4"		FURNACE HEATING SURFACE 212.63 SqFt											
J.(1) CLEANOUT 18" PIPE		FURNACE VOLUME 193.09 CuFt											
K.(2) FEEDWATER 2" NPT		TURNAROUND VOLUME 77.09 CuFt											
L.(1) AUXILIARY/VENT 2" NPT		STEAMING VOLUME 144.14 CuFt											
M.(1) LOW FIRE HOLD 1" NPT		STEAM RELEASE AREA 130.20 SqFt											
N.(1) STACK TEMP 1/2" NPT		WATER CAPACITY:											
P.(1) SIGHT PORT 1" NPT		(FULL) 6.268 Gal @ 52.138 Lbs											
Q.( )		(NWL) 5.190 Gal @ 43.169 Lbs											
R.( )		SHIPPING WEIGHT: 55.800 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 & 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	
<b>MOHICAN</b> BOILER MODEL 7-5-4000-S150			
SCALE	DRAWING No		
1/70	?		