



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	12" 150# FLANGE	HORSEPOWER	700 HP					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM					
C.(3) SAFETY VALVE	3" NPT	GROSS OUTPUT	23433 MBH					
D.(2) SAFETY VALVE	2 1/2" NPT	STEAM (FROM & AT 212°F)	24150 LB/Hr					
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	148907 BTU/CuFt					PROJECT:
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	29291 MBH					?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	3525 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	191.89 SqFt					
J.(1) CLEANOUT	17" ID	FURNACE VOLUME	196.70 CuFt					
K.(2) FEEDWATER	2" NPT	TURNAROUND VOLUME	69.57 CuFt					
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	125.86 CuFt					
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	119.85 SqFt					
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHT PORT	1 1/4" NPT	(FULL)	5,014 GAL @ 41,708 Lbs					
Q.( )		(NWL)	4,073 GAL @ 33,877 Lbs					
R.( )		SHIPPING WEIGHT:	48,400 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 IV 4. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL. 5. ALL DIMENSIONS ±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	7-5-3500-S15		
SCALE			
1/70			