



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	8" 300# FLANGE	HORSEPOWER	500					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM					
C.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	16738 MBH					
D.() SAFETY VALVE	2" NPT	STEAM (FROM & AT 212°F)	17250 Lbs/Hr					
E.(2) BOILER BLOWDOWN	1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY)	139950 BTU/CuFt					
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	20922 MBH					
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	2529					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	187.60 SqFt					
J.(1) CLEANOUT PORT	17" ID	FURNACE VOLUME	149.50 CuFt					
K.(2) FEEDWATER	2" NPT	TURNAROUND VOLUME	52.47 CuFt					
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	85.42 CuFt					
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	102.85 SqFt					
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHTPORT	1" PIPE	(FULL)	4,026 Gals @ 33,485 Lbs					
Q.()		(NWL)	3,387 Gals @ 28,170 Lbs					
R.()		SHIPPING WEIGHT:	39,200 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. *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			
7-5-2500-S150			
SCALE	DRAWING No		
1/64	?		