



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION		BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	4" 300# FLANGE	HORSEPOWER	100*						?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM						
C.(2) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	3348 MBH*						
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	3450 LB/HR*						
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE (FURNACE ONLY)	189206 BTU/CuFt*						PROJECT:
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	4184 MBH*						?
G.(1) MAINWAY	12" x 16"	HEATING SURFACE (ASME)	513 SqFt						
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	50.91 SqFt						
J.(1) SIGHTPORT	17" ID	FURNACE VOLUME:							
K.(2) FEEDWATER	1 1/4" NPT	FURNACE ONLY	22.12 CuFt						
L.(1) AUXILIARY/VENT	1 1/2" NPT	STEAMING VOLUME	12.61 CuFt						
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	26.89 SqFt						
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:							
P.(1) SIGHT PORT	1" NPT	(FULL)	788 Gal	●	6,554 Lbs				
Q.( )		(NWL)	694 Gal	●	5,769 Lbs				
R.( )		SHIPPING WEIGHT:	10,000 Lbs						
S.( )									
				NOTES					
									
				1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET. 2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET. 3. REAR DOOR-SHING: (1) MIN SIDE, MAX REAR (2) MAX SIDE, MIN REAR 4. BOILER DESIGN CODE ASME SECTION I 5. BOILER INSULATED WITH 2" - 6" DENSITY MINERAL FIBER INSULATION WITH 23 GAUGE STEEL JACKET. 6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED. *7. HORSEPOWER & RELATED INFO BASED ON 5 Sqt FIRING					
						BOILER MODEL 8-500-S150-		CHECKED BY DATE	
				SCALE 1/42		DRAWING No ?		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.	