



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	12"-150# FLANGE	HORSEPOWER	400*					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM					
C.(2) SAFETY VALVE	3" NPT	GROSS OUTPUT	13390 MBH*					
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	13800 LB/HR*					
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	138398 BTU/CuFt*					PROJECT:
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	16738 MBH*					?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	2022 SqFt					
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	140.16 SqFt					
J.(1) CLEANOUT PORT	17" ID	FURNACE VOLUME:						
K.(2) FEEDWATER	2" NPT	FURNACE ONLY	120.94 CuFt					
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	60.89 CuFt					
M.(2) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	73.32 SqFt					
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHTPORT	1" PIPE	(FULL)	2,964 Gal @ 24,652 Lbs					
Q.()		(NWL)	2,508 Gal @ 20,864 Lbs					
R.()		SHIPPING WEIGHT:	29,700 Lbs					
S.()								

NOTES			
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.			
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.			
3. REAR DOOR SWING: (1) MIN SIDE, MAX REAR (2) MAX SIDE, MIN REAR			
4. BOILER DESIGN CODE ASME SECTION IV			
5. BOILER INSULATED WITH 2"-8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.			
6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.			
*7. 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			
4-5-2007-S15-			
SCALE	DRAWING No		
1/70	?		