



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	4" NPT	HORSEPOWER	50					X
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM					
C.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	1674 MBH					
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	1725 Lb/Hr					
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	144653 BTU/CuFt					
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	2092 MBH					
G.() MANWAY		HEATING SURFACE (ASME)	256 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	34.96 SqFt					
J.(1) SIGHTPORT	1" PIPE	FURNACE VOLUME:						
K.(2) FEEDWATER	1" NPT	FURNACE ONLY	14.46 CuFt					
L.(1) AUXILIARY/VENT	1 1/2" NPT	STEAMING VOLUME	8.75 CuFt					
M.() LOW FIRE HOLD		STEAM RELEASE AREA	21.25 SqFt					
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.()		(FULL)	581 Gal @ 4,831 Lbs					
Q.()		(NWL)	515 Gal @ 4,287 Lbs					
R.()		SHIPPING WEIGHT:	6,500 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			
4-5-253-S15-			
SCALE	DRAWING No		
1/38	?		