



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) WATER OUTLET	4" NPT	HORSEPOWER	80*					?
B.(1) WATER RETURN	4" NPT	DESIGN PRESSURE	30 PSIG WATER					
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250° F					
D.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	2678 MBH*					
E.() SAFETY VALVE		HEAT RELEASE: (FURNACE ONLY)	143607 BTU/CuFt*					
F.(1) BOILER DRAIN	1 1/2" NPT	RATED INPUT	3348 MBH*					
G.() WATER CIRCULATION		HEATING SURFACE (ASME)	407 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	47.81 SqFt					
J.() MANWAY		FURNACE VOLUME:						
K.(1) SIGHTPORT	1" PIPE	FURNACE ONLY	23.31 CuFt					
L.(1) AIR VENT	1 1/2" NPT							
M.(1) LOW FIRE HOLD	1" NPT							
N.(4) AQUASTAT	1/2" NPT	WATER CAPACITY:						
P.(1) AQUASTAT	3/4" NPT	(FULL)	825 Gal @ 6,861 Lbs					
Q.(2) STACK TEMP	1/2" NPT	SHIPPING WEIGHT:	9,100 Lbs					
R.()								
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			
SCALE	DRAWING No		
1/40	?		