



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)	148466 BTU/Hr/CuFt*					PROJECT:
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	4184 MBH*					?
G.(1) MANWAY	12" X 16"	HEATING SURFACE (ASME)	519 SqFt					
H.(4) HANDHOLE	3" X 4"	FURNACE HEATING SURFACE	65.13 SqFt					
J.(1) CLEANOUT	17" ID	FURNACE VOLUME:						
K.(2) FEEDWATER	1 1/4" NPT	FURNACE ONLY	28.18 CuFt					
L.(1) AUXILIARY/VENT	1 1/2" NPT	STEAMING VOLUME	16.10 CuFt					
M.(2) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	34.33 SqFt					
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHTPORT	1" PIPE	1,062 GAL	8,833 Lbs					
Q.( )		942 GAL	7,831 Lbs					
R.( )		SHIPPING WEIGHT:	10,700 Lbs					
S.( )								

  

NOTES		SUPERIOR BOILER WORKS, INC. HUTCHINSON, KANSAS		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.
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 I. 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.				DRAWN BY	DATE	
		MOHAWK		BOILER MODEL		
		4-X-508-S150		DRAWING No		
SCALE		1/45				