



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	12"-150# FLANGE	HORSEPOWER	700*					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM					
C.(3) SAFETY VALVE	3" NPT	GROSS OUTPUT	23,433 MBH*					
D.(2) SAFETY VALVE	2 1/2" NPT	STEAM (FROM & AT 212°F)	24,150 LB/HR*					
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	143,888 BTU/CuFt*					PROJECT:
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	29,291 MBH*					?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	3523					
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	207.13 SqFt					
J.(1) CLEANOUT PORT	17" ID	FURNACE VOLUME:						
K.(2) FEEDWATER	2" NPT	FURNACE ONLY	203.56 CuFt					
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	120.26 CuFt					
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	114.51 SqFt					
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHTPORT	1 1/4" PIPE	(FULL)	5,105 Gal	⊕	42,460 Lbs			
Q.( )		(NWL)	4,205 Gal	⊕	34,978 Lbs			
R.( )		SHIPPING WEIGHT:	88,000 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 IV. 5. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL. 6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED. *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.		<b>MOHAWK</b> BOILER MODEL 4-45-X35502S151C		DRAWN BY	DATE	
SCALE	1/70			DRAWING No	?	