



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) STEAM OUTLET	4" 300# FLANGE	HORSEPOWER	125					?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSI STEAM					
C.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	4184 MBH					
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	4312 LBS/HR					
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	140532 BTU/CuFt					PROJECT:
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	5230 MBH					?
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	640 SqFt					?
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	68.20 SqFt					
J.(1) CLEANOUT	17" ID	FURNACE VOLUME	37.22 CuFt					
K.(2) FEEDWATER	1 1/4" NPT	TURNAROUND VOLUME	24.09 CuFt					
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	21.98 CuFt					
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	41.77 SqFt					
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:						
P.(1) SIGHTPORT	1 1/4" NPT	(FULL)	1,282 GAL @ 10,665 LBS					
Q.( )		(NWL)	1,118 GAL @ 9,297 LBS					
R.( )		SHIPPING WEIGHT:	13,400 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.		MOHICAN		DRAWN BY	DATE	
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.				?		
3. BOILER DESIGN CODE ASME SECTION I.		BOILER MODEL				
4. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.		7-X-625-S150				
5. ALL DIMENSION ARE ±1/2" UNLESS OTHERWISE NOTED.		SCALE	DRAWING No			
		1/48	?			