


BOILER CONNECTIONS		RATINGS & CAPACITIES		LWR	DATE	REVISION		BY	REPRESENTATIVE	
A.(1) STEAM OUTLET	8" 300# FLANGE	HORSEPOWER	800 HP*							X
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM							
C.(3) SAFETY VALVE	2" NPT	GROSS OUTPUT	26,780 MBH*							
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	27,600 LB/Hr*							
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE (FURNACE ONLY)	152488 BTU/CuFt*							
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	33,475 MBH*							X
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	2,894 SqFt							
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	242.67 SqFt							
J.(1) CLEANOUT	24" ID	FURNACE VOLUME	219.78 CuFt							
K.(2) FEEDWATER	2" NPT	TURNAROUND VOLUME	64.91 CuFt							
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	142.05 CuFt							
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	129.82 SqFt							
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:								
P.(1) SIGHT PORT	1" NPT	(FULL)	5.097 Gd @ 42,391 Lbs							
Q.()		(NWL)	4,034 Gd @ 33,553 Lbs							
R.()		SHIPPING WEIGHT:	45,000 Lbs							
S.()										

NOTES		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. BOILER DESIGN CODE ASME SECTION I 4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET. 5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED. *6. HORSEPOWER & RELATED INFO BASED ON 3.5 SqFt FIRING.		M. MATALLAH		6-8-17		

 SUPERIOR BOILER WORKS, INC. HUTCHINSON, KANSAS		WICHITA BOILER MODEL 10-X-2800-S150-WB-G	
SCALE	1/84	DRAWING No	X