



BOILER CONNECTIONS		RATINGS & CAPACITIES		L/R	DATE	REVISION	BY	REPRESENTATIVE
A.(1) STEAM OUTLET	10" 300# FLANGE	HORSEPOWER	1200*					X
B.(7) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM					X
C.(2) SAFETY VALVE	3" 300# FLANGE	GROSS OUTPUT	41070 MBH*					
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	41400 lbs/hr*					
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE (FURNACE ONLY)	148,748 BTU/CuFt*					X
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	50,212 MBH*					X
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	3815 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	321.67 SqFt					
J.(1) CLEANOUT	24" PIPE	FURNACE VOLUME	337.57 CuFt					
K.(2) FEEDWATER	3" NPT	TURNAROUND VOLUME	74.92 CuFt					
L.(1) AUXILIARY	2" NPT	STEAMING VOLUME	238.63 CuFt					
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	171.22 SqFt					
N.(1) STACK TEMP	1 1/2" NPT	WATER CAPACITY:						
P.(1) SIGHT PORT	1" NPT	(FULL)	8,955 GAL					
Q.(1) CHEMICAL FEED	1" NPT	(INWL)	5,182 GAL					
R.( )		SHIPPING WEIGHT:	62,800 lbs					
S.( )								

NOTES		SUPERIOR BOILER		CHECKED BY	DATE	THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER & 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.		WICHITA		DESIGNED BY	DATE	
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.				T. THURSTON	7-19-16	
3. BOILER DESIGN CODE ASME SECTION I		BOILER MODEL				
4. BOILER INSULATED WITH 2" - 6 1/2" DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.		10-X-3750-S150-WBCF-GA2				
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.		SCALE		DRAWING No		
*6. HORSEPOWER & RELATED INFO BASED ON 3.1 SqFt FIRING.		1/80		X		