



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		BY		REPRESENTATIVE	
A.(1) STEAM OUTLET	8" 300# FLANGE	HORSEPOWER	500 *								X
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM								
C.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	16738 MBH *								
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	17290 LB7HR *								
E.(2) BOILER BLOWDOWN	1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY)	184,477 BTU/CuFt *								
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	20922 MBH *								X
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	2525 SqFt								
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	149.08 SqFt								
J.(1) CLEANOUT PORT	17" ID	FURNACE VOLUME:									
K.(2) FEEDWATER	2" NPT	FURNACE ONLY	113.41 CuFt								
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	80.79 CuFt								
M.(2) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	73.20 SqFt								
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:									
P.(1) SIGHT PORT	1" NPT	(FULL) 2,794 Gal	● 23,242 Lbs								
Q.()		(NWL) 2,340 Gal	● 19,459 Lbs								
R.()		SHIPPING WEIGHT:	35,100 Lbs								
S.()											

NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
(1) MIN SIDE, MAX REAR
(2) MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION I
- BOILER INSULATED WITH 2"-84 DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

	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.
	DRAWN BY	DATE	
	X	X	

APACHE

BOILER MODEL: 8-5-2500-S150

SCALE

1/70

DRIVING No

X