



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR DATE		REVISION		BY		REPRESENTATIVE	
A.(1) STEAM OUTLET	2" NPT	HORSEPOWER	80								?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM								
C.(1) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	2008 MBH								
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	2070 Lbs/Hr								
E.(1) BOILER BLOWDOWN	1" NPT	HEAT RELEASE (FURNACE ONLY)	153,683 BTU/Gal.Ft								
F.(2) SURFACE BLOWDOWN	1" NPT	RATED INPUT	2510 MBH								PROJECT:
G.(1) MAINWAY	12" x 18"	HEATING SURFACE (ASME)	329 SqFt								?
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	37.73 SqFt								
J.(1) CLEANOUT	1 1/2" NPT	FURNACE VOLUME	18.34 CuFt								
K.(2) FEEDWATER	1" NPT	TURNAROUND VOLUME	18.44 CuFt								
L.(1) AUXILIARY/VENT	1 1/2" NPT	STEAMING VOLUME	13.21 CuFt								
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	28.18 SqFt								
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:									
O.(1) SIGHT PORT	1 1/4" NPT	(FULL)	818 Gal @ 5,805 Lbs								
P.()		(NVL)	719 Gal @ 5,983								
R.()		SHIPPING WEIGHT:	9000 Lbs								
S.()											

NOTES

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" - 84 DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING

CHECKED BY: _____ DATE: _____

DRAWN BY: _____

MOHICAN 7-X-300-S150-PF-G

SCALE: 1/45

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