


BOILER CONNECTIONS

A.(1)	STEAM OUTLET	4" 300# FLANGE
B.(4)	LWCQ	1" NPT
C.(2)	SAFETY VALVE	2" NPT
D.(1)	SAFETY VALVE	
E.(1)	BOILER BLOWDOWN	1 1/4" NPT
F.(1)	SURFACE BLOWDOWN	1" NPT
G.(1)	MANWAY	12" x 16"
H.(5)	HANDHOLE	3" x 4"
J.(1)	CLEANOUT	17" ID
K.(2)	FEEDWATER	1 1/4" NPT
L.(1)	AUXILIARY/VENT	2" NPT
M.(1)	LOW FIRE HOLD	1/2" NPT
N.(1)	STACK TEMP	1/2" NPT
P.(1)	SIGHTPORT	1 1/4" NPT
Q.()		
R.()		
S.()		

RATINGS & CAPACITIES

HORSEPOWER	125
DESIGN PRESSURE	150 PSI STEAM
GROSS OUTPUT	4184 MBH
STEAM (FROM & AT 212°F)	4312 LBS./HR
HEAT RELEASE: (FURNACE ONLY)	140532 BTU/CuFt
RATED INPUT	5230 MBH
HEATING SURFACE (ASME)	640 SqFt
FURNACE HEATING SURFACE	68.20 SqFt
FURNACE VOLUME	37.22 CuFt
TURNAROUND VOLUME	24.09 CuFt
STEAMING VOLUME	21.98 CuFt
STEAM RELEASE AREA	41.77 SqFt
WATER CAPACITY:	
(FULL)	1,282 GAL ● 10,685 LBS
(NWL)	1,118 GAL ● 9,297 LBS
SHIPPING WEIGHT:	13,400 LBS

LTR	DATE	REVISION	BY	REPRESENTATIVE	
				?	
				PROJECT:	
				?	
				?	
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 <u>1</u> 4. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET. 5. ALL DIMENSION ARE ±1/2" UNLESS OTHERWISE NOTED.			DRAWN BY	DATE	
		MOHICAN	?	DATE	
		BOILER MODEL	7-X-625-S150		
		SCALE	DRAWING No		
		1/48	?		