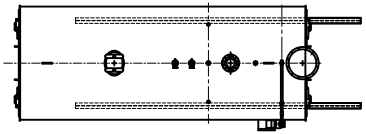

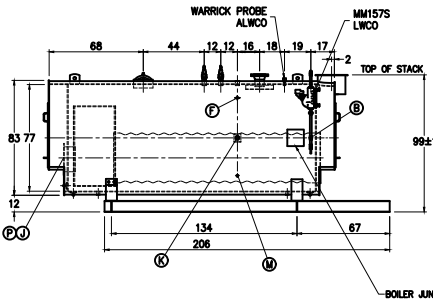

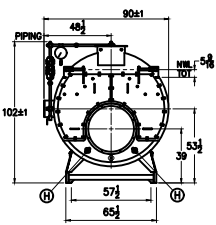

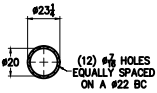

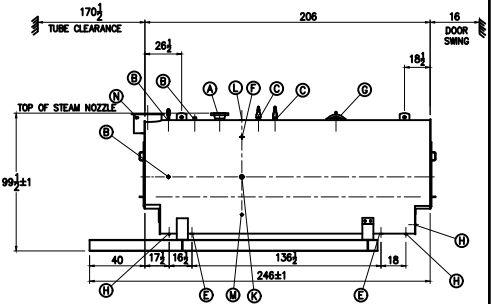

BOILER CONNECTIONS

A.(1) STEAM OUTLET	6" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	1 1/4" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT PORT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(2) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1" NPT
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES

HORSEPOWER	250*
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	8369 MBH*
STEAM (FROM & AT 212°F)	8625 Lbs/HR*
HEAT RELEASE: (FURNACE ONLY)	134235 BTU/CuFt*
RATED INPUT	10461 MBH*
HEATING SURFACE (ASME)	1269 SqFt
FURNACE HEATING SURFACE	118.97 SqFt
FURNACE VOLUME	77.93 CuFt
TURNAROUND VOLUME	42.09 CuFt
STEAMING VOLUME	37.70 CuFt
STEAM RELEASE AREA	64.68 SqFt
WATER CAPACITY:	
(FULL)	2,200 Gal @ 18,300 Lbs
(NWL)	1,918 Gal @ 15,954 Lbs
SHIPPING WEIGHT:	23,200 Lbs

LTR	DATE	REVISION	BY

REPRESENTATIVE: ?

PROJECT: ?

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" – 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 5 SqFt FIRING.

SUPERIOR BOILER

CHECKED BY	DATE
DRAWN BY: ?	DATE:

MOHICAN — BOILER MODEL: 7-5-1250-S150

SCALE: 1/54 — DRAWING No: ?

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.