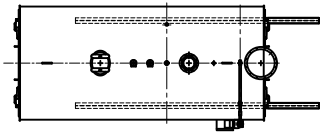

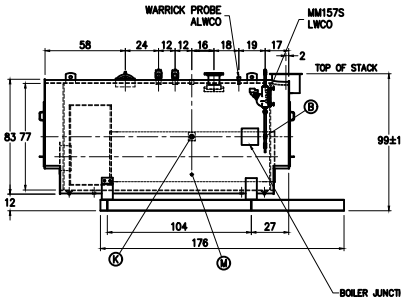

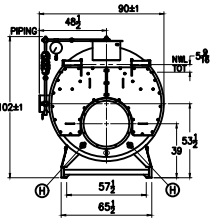

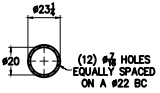

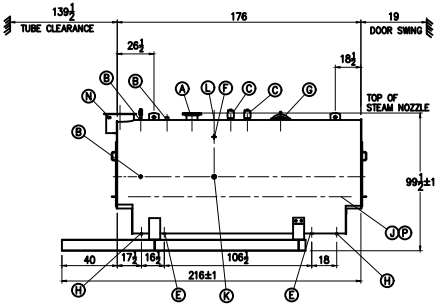

BOILER CONNECTIONS

A.(1) STEAM OUTLET	8" 150# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2 1/2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	2" NPT
F.(1) 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.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1 1/4" NPT
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES

HORSEPOWER	200*
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	6695 MBH*
STEAM (FROM & AT 212°F)	6900 Lbs/HR*
HEAT RELEASE: (FURNACE ONLY)	128435 BTU/CuFt*
RATED INPUT	8369 MBH*
HEATING SURFACE (ASME)	1031 SqFt
FURNACE HEATING SURFACE	88.25 SqFt
FURNACE VOLUME	65.16 CuFt
TURNAROUND VOLUME	42.46 CuFt
STEAMING VOLUME	31.42 CuFt
STEAM RELEASE AREA	53.90 SqFt
WATER CAPACITY:	
(FULL) 1794 Gal	● 14,921 Lbs
(NWL) 1559 Gal	● 12,966 Lbs
SHIPPING WEIGHT:	16,700 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. REAR DOOR SWING:
   (1) MIN SIDE, MAX REAR
   (2) MAX SIDE, MIN REAR
4. BOILER DESIGN CODE ASME SECTION IV.
5. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.
6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

SUPERIOR BOILER

CHECKED BY

DRAWN BY ?

DATE

MOHICAN BOILER MODEL 7-5-1000-S15

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.