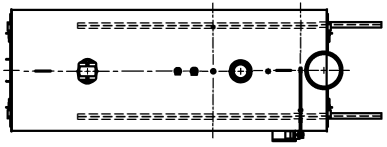

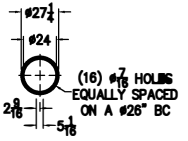

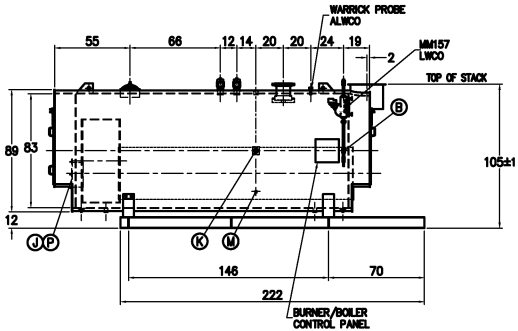

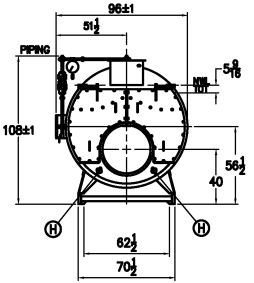

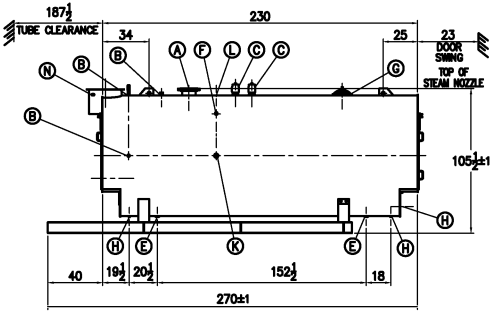

BOILER CONNECTIONS

A.(1) STEAM OUTLET	10" 150# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	3" 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	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) SIGHTPORT	1 1/4" NPT
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES

HORSEPOWER	350
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	11716 MBH
STEAM (FROM & AT 212°F)	12075 LB/HR
HEAT RELEASE: (FURNACE ONLY)	138742 BTU/CuFt
RATED INPUT	14645 MBH
HEATING SURFACE (ASME)	1770 SqFt
FURNACE HEATING SURFACE	135.51 SqFt
FURNACE VOLUME	105.56 CuFt
TURNAROUND VOLUME	39.50 CuFt
STEAMING VOLUME	50.11 CuFt
STEAM RELEASE AREA	78.24 SqFt
WATER CAPACITY:	
(FULL) 2,867 Gal @	23,848 Lbs
(NWL) 2,492 Gal @	20,730 Lbs
SHIPPING WEIGHT:	26,100 Lbs

LTR	DATE	REVISION: 1	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 IV.
4. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

SUPERIOR BOILER

CHECKED BY	DATE
DRAWN BY: ?	DATE:

MOHICAN — BOILER MODEL: 7-5-1750-S15

SCALE: 1/64 — 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.