



BOILER CONNECTIONS

A.(1) STEAM OUTLET	12" 150# FLANGE
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	2 1/2"
D.(4) SAFETY VALVE	3"
E.(2) BOILER BLOWDOWN	2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(4) 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) SIGHT PORT	1 1/4" PIPE
Q.()	
R.()	
S.()	

RATINGS & CAPACITIES

HORSEPOWER	800*
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	26780 MBH*
STEAM (FROM & AT 212°F)	27800 LB/HR*
HEAT RELEASE: (FURNACE ONLY)	144,183 BTU/CuFt*
RATED INPUT	33475 MBH*
HEATING SURFACE (ASME)	4011 SqFt
FURNACE HEATING SURFACE	226.63 SqFt
FURNACE VOLUME:	
FURNACE ONLY	232.17 CuFt
STEAMING VOLUME	141.82 CuFt
STEAM RELEASE AREA	128.10 SqFt
WATER CAPACITY:	
(FULL)	6,389 Gal
(NW.)	5,328 Gal
SHIPPING WEIGHT:	55,200 Lbs

LTR DATE

REVISION

BY REPRESENTATIVE

NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
 - MIN SIDE, MAX REAR
 - MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION IV.
- BOILER 2" INSULATION IS JACKETED IS WITH 22 GA STEEL.
- ALL DIMENSIONS ±1/2 UNLESS OTHERWISE NOTED.
- *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR
BOILER

MOHAWK

BOILER MODEL

4-X-4005-S15-M

SCALE

1/86

CHECKED BY

?

DRAWN BY

?

DATE

DATE

DATE

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.