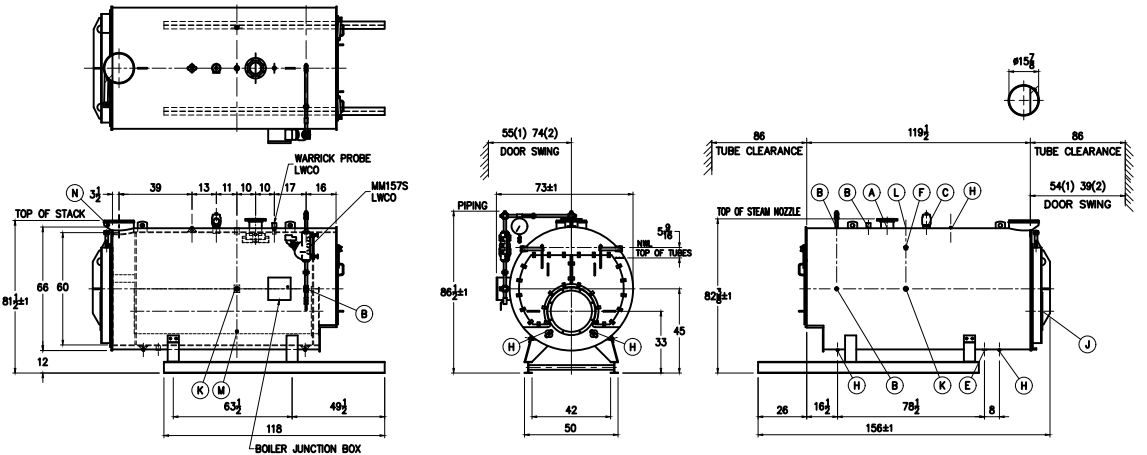

BOILER CONNECTIONS

A.(1) STEAM OUTLET	6"–150# FLANGE
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	2 1/2" NPT
D.( ) SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1 1/2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.( ) MANWAY	
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	1 1/4" NPT
L.(1) AUXILIARY	1 1/2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.( )	
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES

HORSEPOWER	80
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	2,678 MBH
STEAM (FROM & AT 212°F)	2,760 LB/HR
HEAT RELEASE: (FURNACE ONLY)	146,700 BTU/CuFt
RATED INPUT	3,348 MBH
HEATING SURFACE (ASME)	404 SqFt
FURNACE HEATING SURFACE	46.79 SqFt
FURNACE VOLUME:	
FURNACE ONLY	22.82 CuFt
STEAMING VOLUME	12.64 CuFt
STEAM RELEASE AREA	26.96 SqFt
WATER CAPACITY:	
(FULL) 825 Gal @	6,861 Lbs
(NWL) 730 Gal @	6,074 Lbs
SHIPPING WEIGHT:	9,200 Lbs

LTR	DATE	REVISION	BY

REPRESENTATIVE: X

PROJECT: X

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: X — DATE:

DRAWN BY: — DATE:

BOILER MODEL: MOHAWK 4-5-402-S15-X

SCALE: 1/40

DRAWING No: X

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.