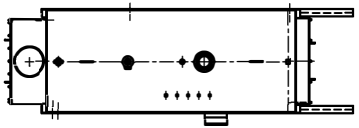

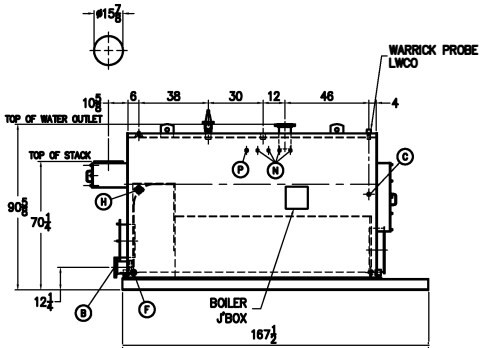

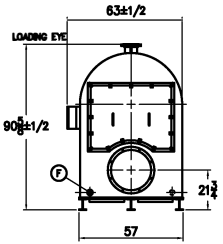

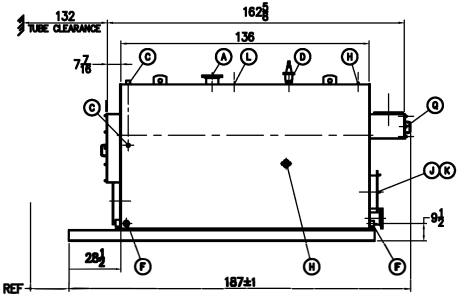

BOILER CONNECTIONS

A.(1) WATER OUTLET	6" 150# FLANGE
B.(1) WATER RETURN	6" 150# FLANGE
C.(2) LWCO	1" NPT
D.(1) SAFETY VALVE	2" NPT
E.( ) SAFETY VALVE	
F.(4) BOILER DRAIN	2" NPT
G.( ) WATER CIRCULATION	
H.(3) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(1) SIGHTPORT	1" PIPE
L.(1) AIR VENT	1 1/2" NPT
M.( ) LOW FIRE HOLD	
N.(4) AQUASTAT	1/2"
P.(1) AQUASTAT	3/4"
Q.(1) STACK TEMP	1/2" NPT
R.( )	
S.( )	

RATINGS & CAPACITIES

HORSEPOWER	150
DESIGN PRESSURE	30 PSIG WATER
DESIGN TEMPERATURE	250°F
GROSS OUTPUT	5021 MBH
HEAT RELEASE: (FURNACE ONLY)	93914 BTU/CuFt
RATED INPUT	6277 MBH
HEATING SURFACE (ASME)	760 SqFt
FURNACE HEATING SURFACE	73.65 SqFt
FURNACE VOLUME:	
FURNACE ONLY	66.83 CuFt
WATER CAPACITY:	
(FULL)	1052 Gals @ 8754 Lbs
SHIPPING WEIGHT:	17,800 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. BOILER DESIGN CODE ASME SECTION IV.
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:

DRAWN BY: X

DATE:

OSAGE

BOILER MODEL: 3-X-751-W30-

SCALE: 1/48

DRAWING No: X

THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER & 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.