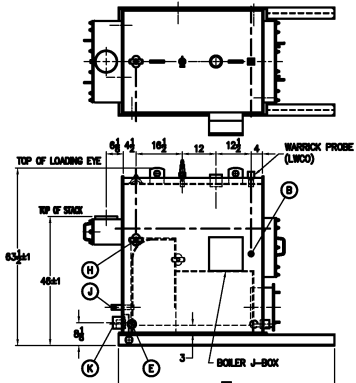

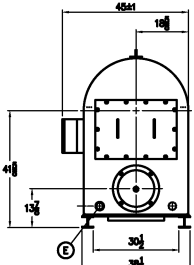

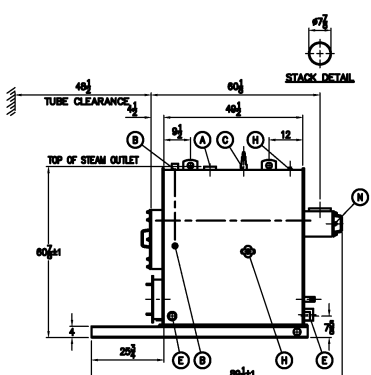

BOILER CONNECTIONS		RATINGS & CAPACITIES	
A.(1) STEAM OUTLET	3" NPT	HORSEPOWER	20*
B.(3) LWCO	1" NPT	DESIGN PRESSURE	30 PSIG STEAM
C.(1) SAFETY VALVE	3/4" NPT	GROSS OUTPUT	670 MBH*
D.( ) SAFETY VALVE		STEAM (FROM & AT 212 °F)	690 LB/HR*
E.(4) BOTTOM BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	128,042 BTU/CuFt*
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	837 MBH
G.( ) MANWAY		HEATING SURFACE (ASME)	103 SqFt
H.(3) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	11.77 SqFt
J.(1) SIGHTPORT	1" PIPE	FURNACE VOLUME:	
K.(1) FEEDWATER	3" NPT	FURNACE ONLY	6.49 CuFt
L.( ) AUXILIARY/VENT	1" NPT	TURN-AROUND ONLY	6.27 CuFt
M.( ) LOW FIRE HOLD		STEAMING VOLUME	? CuFt
N.(1) STACK TEMP	1/2" NPT	STEAM RELEASE AREA	? CuFt
P.( )		WATER CAPACITY:	
Q.( )		(FULL) 199 Gal	1,645 Lbs
R.( )		(MIN.) ? Gal	? Lbs
S.( )		SHIPPING WT	3,500 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. HORSE POWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR BOILER

CHECKED BY: ? DATE:

DRAWN BY: ? DATE:

OSAGE

BOILER MODEL: 3-5-100-S15

SCALE: 1/24

DRAWING No: ?

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.