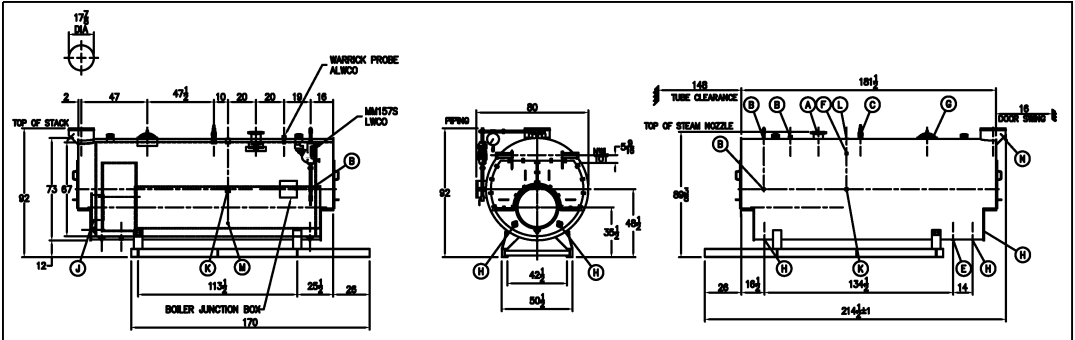

BOILER CONNECTIONS	
A.(1) STEAM OUTLET	6" 150# FLANGE
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	3" NPT
D.( ) SAFETY VALVE	
E.(1) BOILER BLOWDOWN	2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	12" ID
K.(2) FEEDWATER	1 1/4" NPT
L.(1) AUXILIARY	2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.( )	
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES	
HORSEPOWER	150
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	5021 MBH
STEAM (FROM & AT 212°F)	5175 LBS/HR
HEAT RELEASE: (FURNACE ONLY)	127.721 BTU/Cu/Ft
RATED INPUT	6277 MBH
HEATING SURFACE (ASME)	784 Sq/Ft
FURNACE HEATING SURFACE	80.25 Sq/Ft
FURNACE VOLUME	49.14 Cu/Ft
TURNAROUND VOLUME	24.35 Cu/Ft
STEAMING VOLUME	28.32 Cu/Ft
STEAM RELEASE AREA	50.01 Sq/Ft
WATER CAPACITY:	
(FULL) 1,539 GAL.	12,804 LBS
(NWL) 1,343 GAL.	11,167 LBS
SHIPPING WEIGHT:	14,700 LBS

LTR	DATE	REVISION	BY

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 WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

REPRESENTATIVE: X

PROJECT#: X

SUPERIOR BOILER

CHECKED BY: ?

DRAWN BY: ?

DATE:

SEMINOLE — BOILER MODEL: 6-5-750-S15

SCALE: 1/48

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.