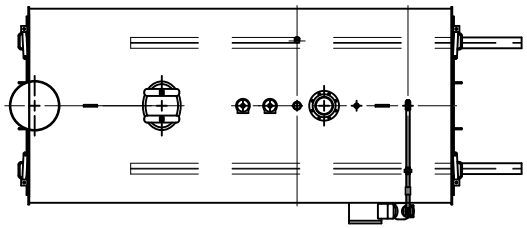

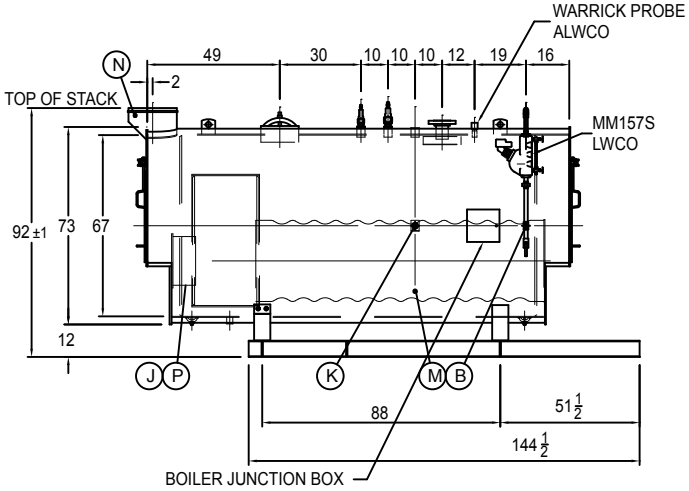

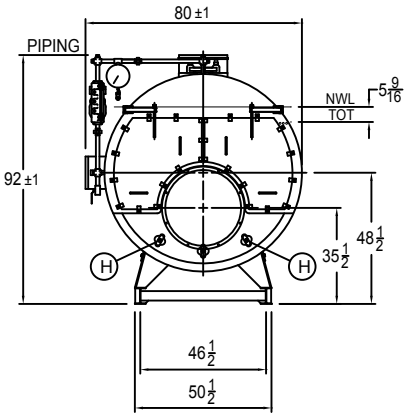

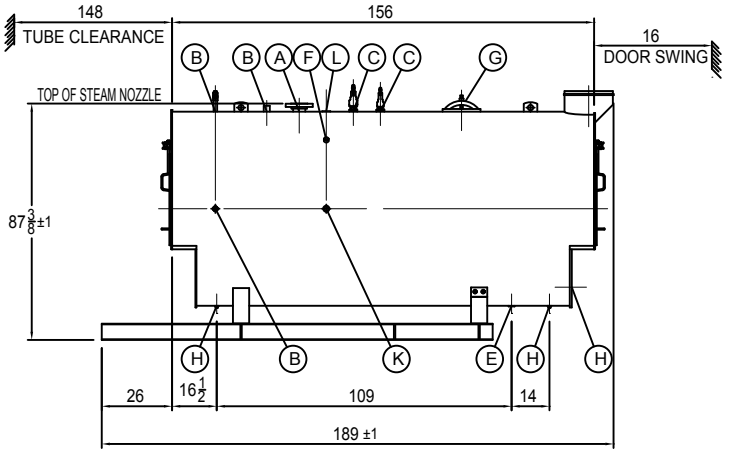

BOILER CONNECTIONS

A.(1) STEAM OUTLET	4" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1 1/4" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" 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.(1) SIGHTPORT	1 1/4" PIPE
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES

HORSEPOWER	150
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	5021 MBH
STEAM (FROM & AT 212°F)	5175 LBS/HR
HEAT RELEASE: (FURNACE ONLY)	134,576 BTU/CuFt
RATED INPUT	6277 MBH
HEATING SURFACE (ASME)	759 SqFt
FURNACE HEATING SURFACE	85.74 SqFt
FURNACE VOLUME	46.64 CuFt
TURNAROUND VOLUME	24.09 CuFt
STEAMING VOLUME	26.28 CuFt
STEAM RELEASE AREA	49.93 SqFt
WATER CAPACITY:	
(FULL) 1,554 GAL @	12,928 LBS
(NWL) 1,358 GAL @	11,293 LBS
SHIPPING WEIGHT:	15,000 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 _I_.
4. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
*6. HORSEPOWER AND RELATED INFO BASED ON 5SqFt FIRING.

SUPERIOR BOILER WORKS, INC.
HUTCHINSON, KANSAS

CHECKED BY: ?
DATE:
DRAWN BY: ?
DATE:

SEMINOLE
BOILER MODEL
6-5-625-S150

SCALE: 1/48

DRAWING No: ?

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