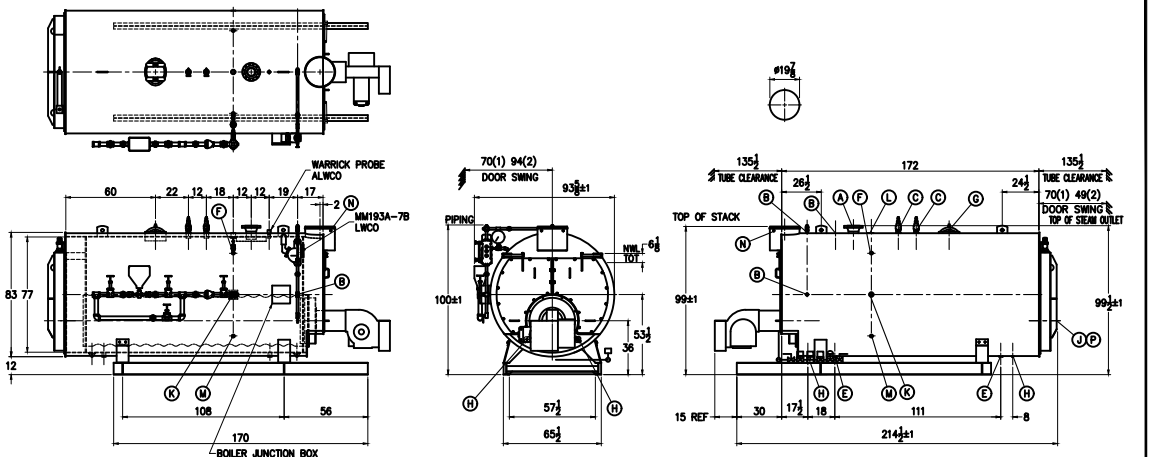

BOILER CONNECTIONS

A.(1) STEAM OUTLET	6" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	1 1/4" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(4) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(2) LOW FIRE HOLD	1" NPT
N.(2) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1" PIPE
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES

HORSEPOWER	250*
DESIGN PRESSURE	150 PSI STEAM
GROSS OUTPUT	8369 MBH*
STEAM (FROM & AT 212°F)	8625 Lb/Hr*
HEAT RELEASE: (FURNACE ONLY)	150869 Btu/CuFt*
RATED INPUT	10461 MBH*
HEATING SURFACE (ASME)	1300 SqFt
FURNACE HEATING SURFACE	110.85 SqFt
FURNACE VOLUME:	
FURNACE ONLY	69.34 CuFt
STEAMING VOLUME	31.89 CuFt
STEAM RELEASE AREA	53.03 SqFt
WATER CAPACITY:	
(FULL)	1,790 Gal @ 14,888 Lbs
(NWL)	1,551 Gal @ 12,904 Lbs
SHIPPING WEIGHT:	23,900 Lbs

LTR	DATE	REVISION	BY

REPRESENTATIVE:
SEEC

PROJECT:
SAME

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 I
5. BOILER INSULATED WITH 2" – 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
*7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR BOILER

CHECKED BY	DATE
DRAWN BY: ?	DATE

AZTEC — BOILER MODEL: 5-5-1276-S150-

SCALE: 1/50

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.