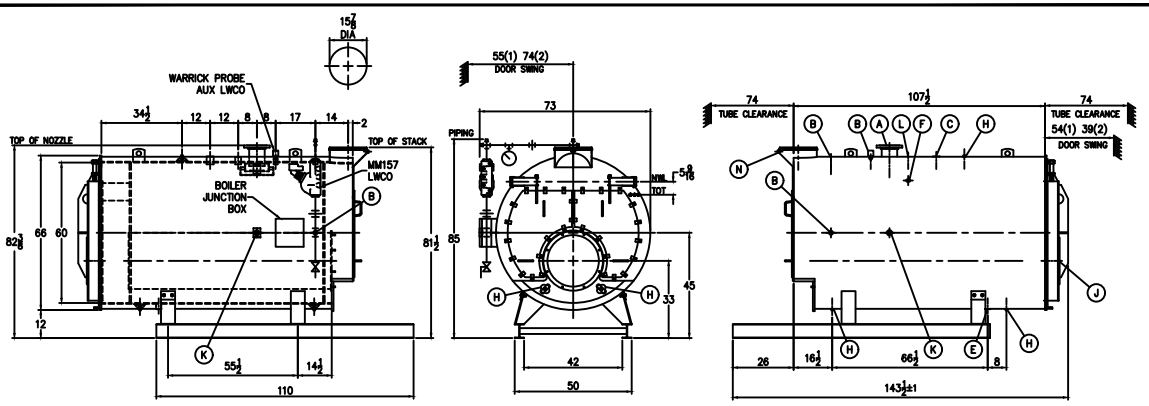

BOILER CONNECTIONS

A.(1) STEAM OUTLET	6" 150# FLANGE
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1 1/2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.( ) MANWAY	
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT PORT	15" ID
K.(2) FEEDWATER	1 1/4" NPT
L.(1) AUXILIARY	1 1/2" NPT
M.( ) LOW FIRE HOLD	
N.(1) STACK TEMP	1/2" NPT
P.( )	
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES

HORSEPOWER	70
DESIGN PRESSURE	15 P.S.I.G. STEAM
GROSS OUTPUT	2343 MBH.
STEAM (FROM & AT 212°F)	2415 LB./HR.
HEAT RELEASE: (FURNACE ONLY)	147408 BTU/CU.FT.
RATED INPUT	2929 MBH.
HEATING SURFACE (ASME)	355 SQ.FT.
FURNACE HEATING SURFACE	40.71 SQ.FT.
FURNACE VOLUME:	
FURNACE ONLY	19.87 CU.FT.
STEAMING VOLUME	11.03 CU.FT.
STEAM RELEASE AREA	23.53 SQ.FT.
WATER CAPACITY:	
(FULL) 720 GAL.	@ 5987 LBS.
(NWL) 637 GAL.	@ 5301 LBS.
SHIPPING WEIGHT:	8600 LBS.

LTR	DATE	REVISION	BY

REPRESENTATIVE:

PROJECT:

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 IV.
5. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
6. ALL DIMENSION ±1/2 UNLESS OTHERWISE NOTED.

SUPERIOR BOILER

CHECKED BY

DRAWN BY ?

DATE

AZTEC

BOILER MODEL 5-5-353-S15-

SCALE 1/32

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.