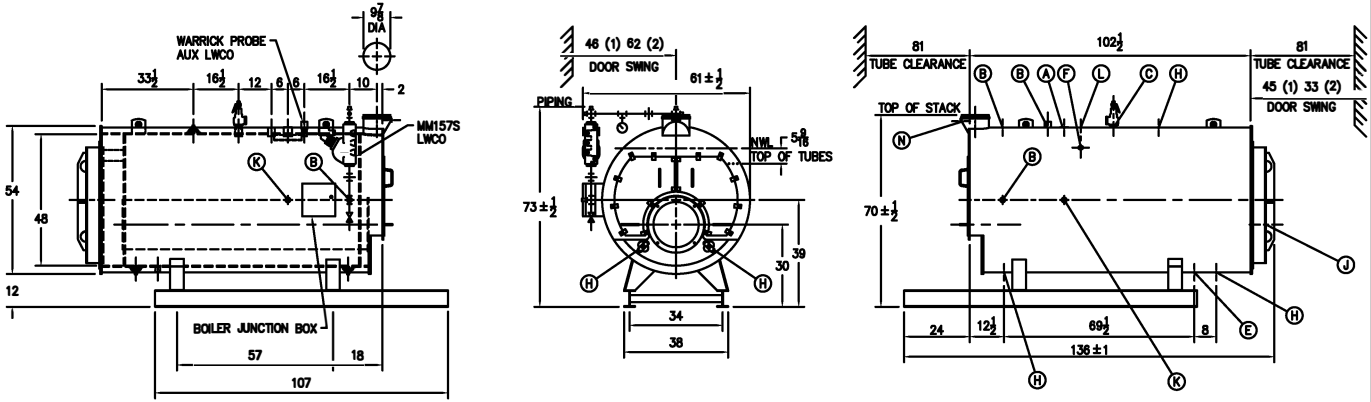

BOILER CONNECTIONS

A.(1) STEAM OUTLET	4" NPT
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1 1/4" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.( ) MANWAY	
H.(5) HANDHOLE	3" x 4"
J.(1) SIGHTPORT	1 1/4" PIPE
K.(2) FEEDWATER	1" 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	50		
DESIGN PRESSURE	15 P.S.I.G. STEAM		
GROSS OUTPUT	1674 MBH		
STEAM (FROM & AT 212°F)	1725 Lbs/Hr		
HEAT RELEASE: (FURNACE ONLY)	184298 BTU/CuFt		
RATED INPUT	2092 MBH		
HEATING SURFACE (ASME)	257 SqFt		
FURNACE HEATING SURFACE	31.38 SqFt		
FURNACE VOLUME:			
FURNACE ONLY	11.35 CuFt		
STEAMING VOLUME	5.21 CuFt		
STEAM RELEASE AREA	17.67 SqFt		
WATER CAPACITY:			
(FULL)	484 GAL	@	4026 LBS
(NWL)	445 GAL	@	3702 LBS
SHIPPING WEIGHT:	5700 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 WITH 22 GAUGE STEEL JACKET.

SUPERIOR BOILER

CHECKED BY: ?
DRAWN BY: ?
DATE:

APACHE
BOILER MODEL
8-5-250-S15-

SCALE: 1/32

DRAWING No: ?

THIS DRAWING IS THE PROPERTY 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.