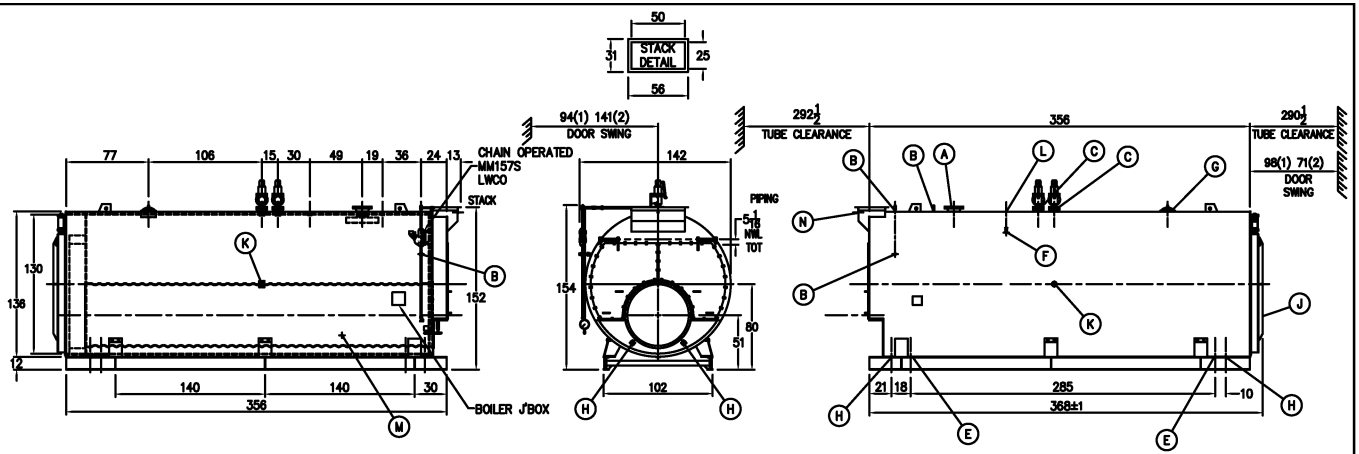

BOILER CONNECTIONS

A.(1) STEAM OUTLET	10" 300# FLG
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	4" 300# FLG
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	2" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(4) HANDHOLE	3" x 4"
J.(1) CLEANOUT PORT	19" I.D.
K.(2) FEEDWATER	3" 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	1800
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	60,255 MBH
STEAM (FROM & AT 212°F)	62,099 Lbs/Hr
HEAT RELEASE: (FURNACE ONLY)	158,302 BTU/CuFt
RATED INPUT	75,319 MBH
HEATING SURFACE (ASME)	9026 SqFt
FURNACE HEATING SURFACE	439.07 SqFt
FURNACE VOLUME:	
FURNACE	475.79 CuFt
STEAMING VOLUME	295.10 CuFt
STEAM RELEASE AREA	221.06 SqFt
WATER CAPACITY:	
(FULL) 11,066 GAL @	92,042 Lbs
(NWL) 8,858 GAL @	73,680 Lbs
SHIPPING WEIGHT:	106,200 Lbs

LTR	DATE	REVISION	BY

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" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

SUPERIOR BOILER

CHECKED BY	DATE
DRAWN BY: ?	DATE

APACHE — BOILER MODEL: 8-5-9000-S150-

SCALE: 1/82 — DRAWING No: ?

REPRESENTATIVE: ?

PROJECT: ?

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.