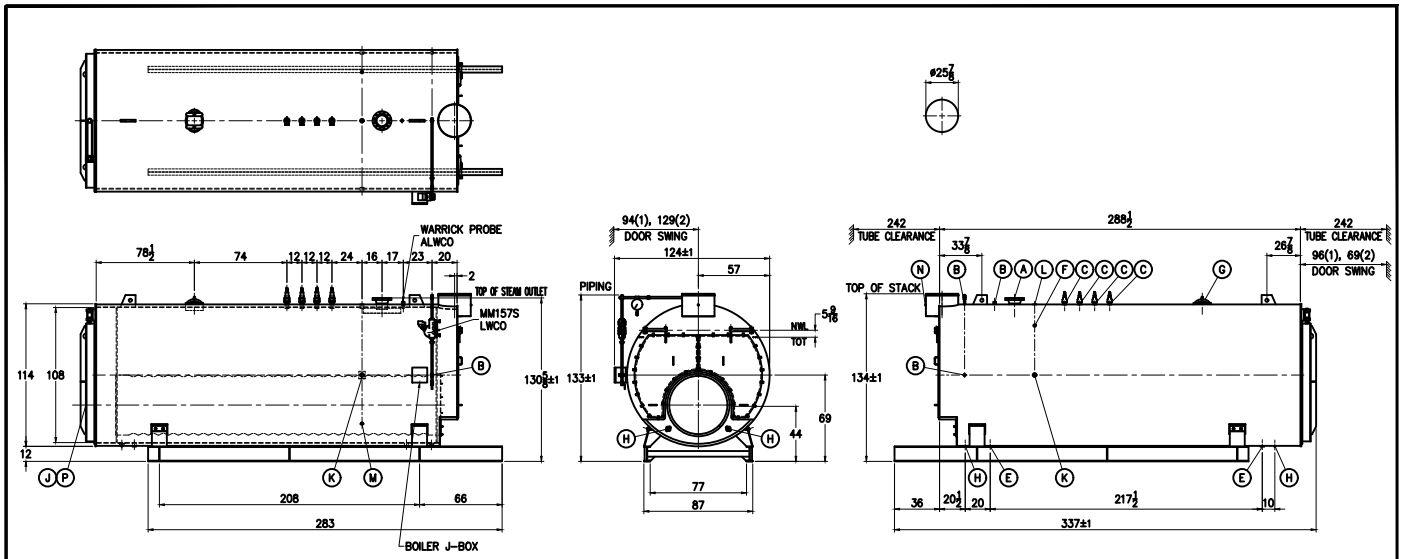

BOILER CONNECTIONS	
A.(1) STEAM OUTLET	8" 300# FLG
B.(4) LWCO	1" NPT
C.(4) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(4) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(1) LOW FIRE HOLD	1" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1" PIPE
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES		
HORSEPOWER	1000*	
DESIGN PRESSURE	150 PSIG	
GROSS OUTPUT	33,475 MBH *	
STEAM (FROM & AT 212F)	34,500 Lbs/Hr*	
HEAT RELEASE: (FURNACE ONLY)	170,203 BTU/CuFt *	
RATED INPUT	41,844 MBH *	
HEATING SURFACE (ASME)	5069 SqFt	
FURNACE HEATING SURFACE	283.11 SqFt	
FURNACE VOLUME:		
FURNACE ONLY	245.85 CuFt	
STEAMING VOLUME	151.52 CuFt	
STEAM RELEASE AREA	144.26 SqFt	
WATER CAPACITY:		
(FULL)	6,270 Gal	@ 52,149 Lbs
(NWL)	5,136 Gal	@ 42,721 Lbs
SHIPPING WEIGHT:	63,600 Lbs	

LTR	DATE	REVISION	BY

REPRESENTATIVE: X

PROJECT: X

X

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: X	DATE

BOILER MODEL: APACHE 8-5-5000-S150

SCALE: 1/70

DRAWING No: X

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.