



#### BOILER CONNECTIONS

A.(1) STEAM OUTLET	8" 300# FLG
B.(4) LWCO	1" NPT
C.(2) 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	18" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY	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	800
DESIGN PRESSURE	150 PSIG
GROSS OUTPUT	26,780 MBH
STEAM (FROM & AT 212°F)	27,800 Lbs/Hr
HEAT RELEASE (FURNACE ONLY)	173,089 BTU/CuFt
RATED INPUT	21,434 MBH
HEATING SURFACE (ASME)	4,022 SqFt
FURNACE HEATING SURFACE	222.47 SqFt
FURNACE VOLUME:	
FURNACE ONLY	193.39 CuFt
STEAMING VOLUME	120.26 CuFt
STEAM RELEASE AREA	114.51 SqFt
WATER CAPACITY:	
(FULL)	4.977 Gal
(NWL)	4.077 Gal
SHIPPING WEIGHT:	60,800 Lbs

LTR DATE

REVISION

BY REPRESENTATIVE:

X

PROJECT:

X

#### NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
  - MIN SIDE, MAX REAR
  - MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION I
- BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
- ALL DIMENSIONS ARE  $\pm 1/2"$  UNLESS OTHERWISE NOTED.

**SUPERIOR BOILER**

CHECKED BY

DATE

BY

DATE

APACHE

BOILER MODEL

8-5-4000-

SCALE

DRAWING No.

1/70

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.