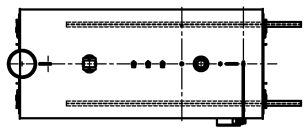

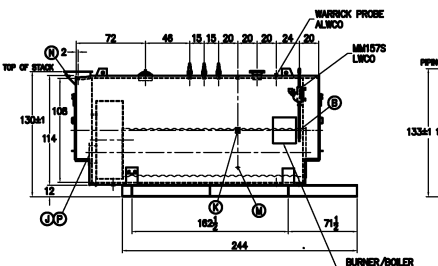

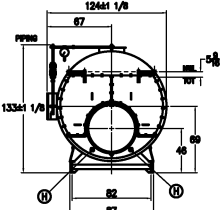

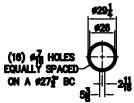

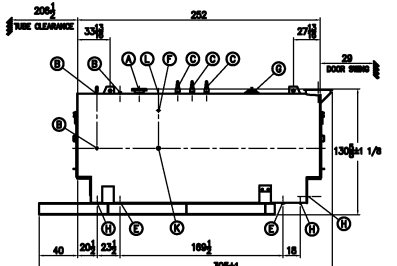

BOILER CONNECTIONS	
A.(1) STEAM OUTLET	8" 300# FLANGE
B.(4) LWCO	1" NPT
C.(3) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1 1/4" NPT
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES		
HORSEPOWER	750 HP	
DESIGN PRESSURE	150 PSIG STEAM	
GROSS OUTPUT	25106 MBH	
STEAM (FROM & AT 212°F)	25875 LB/Hr	
HEAT RELEASE: (FURNACE ONLY)	161662 BTU/CuFt	
RATED INPUT	31353 MBH	
HEATING SURFACE (ASME)	3785 SqFt	
FURNACE HEATING SURFACE	213.76 SqFt	
FURNACE VOLUME	194.13 CuFt	
TURNAROUND VOLUME	77.09 CuFt	
STEAMING VOLUME	128.61 CuFt	
STEAM RELEASE AREA	122.65 SqFt	
WATER CAPACITY:		
(FULL)	5,252 Gal ●	43,686 Lbs
(MIN.)	4,289 Gal ●	35,673 Lbs
SHIPPING WEIGHT:		51,800 Lbs

NO.	DATE	REVISION.....	BY

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION I.
4. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ±1/2 UNLESS OTHERWISE NOTED.
6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR BOILER

CHECKED BY: ?
DRAWN BY: ?
DATE:

BOILER MODEL: XSEMINOLE X6-5-3750-S150

SCALE: 1/70

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.