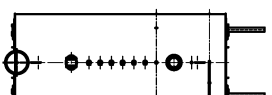

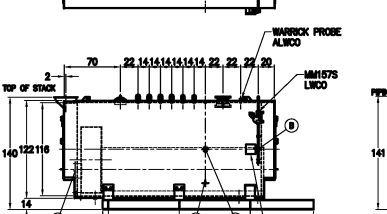

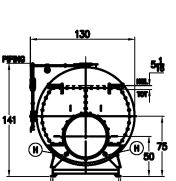

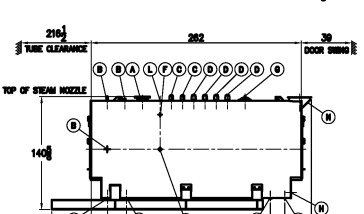

BOILER CONNECTIONS	
A.(1) STEAM OUTLET	12" 150# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2 1/2" NPT
D.(4) SAFETY VALVE	3" NPT
E.(2) BOILER BLOWDOWN	2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(8) HANDHOLE	3" x 4"
J.(1) CLEANOUT	12" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY	2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.( )	
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES	
HORSEPOWER	900
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	30128 MBH
STEAM (FROM & AT 212°F)	31050 Lbs/Hr
HEAT RELEASE: (FURNACE ONLY)	149,540 BTU/CuFt
RATED INPUT	37659 MBH
HEATING SURFACE (ASME)	4525 SqFt
FURNACE HEATING SURFACE	227.21 SqFt
FURNACE VOLUME	291.63 CuFt
TURNAROUND VOLUME	76.71 CuFt
STEAMING VOLUME	191.43 CuFt
STEAM RELEASE AREA	138.78 SqFt
WATER CAPACITY:	
(FULL) 6,291 GAL	52,325 Lbs
(NML) 5,158 GAL	42,903 Lbs
SHIPPING WEIGHT:	51,700 Lbs

LTR	DATE	REVISION	BY

REPRESENTATIVE: X

PROJECT: X

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION IV.
4. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

SUPERIOR BOILER

CHECKED BY	DATE
DRAWN BY	DATE
X	

SUPER SEMINOLE BOILER MODEL: X6-5-4500-S15

SCALE: 1/84

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.