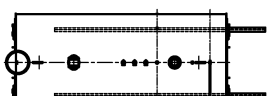

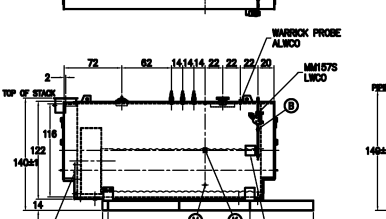

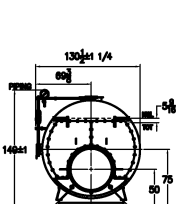

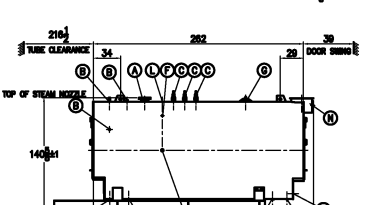

BOILER CONNECTIONS		RATINGS & CAPACITIES	
A.(1) STEAM OUTLET	8" 300# FLANGE	HORSEPOWER	900
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM
C.(3) SAFETY VALVE	2" NPT	GROSS OUTPUT	30128 MBH
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	31050 Lbs/Hr
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE: (FURNACE ONLY)	157911 BTU/CuFt
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	37639 MBH
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	4520 SqFt
H.(8) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	245.03 SqFt
J.(1) CLEANOUT	12" ID	FURNACE VOLUME	239.39 CuFt
K.(2) FEEDWATER	2" NPT	TURNAROUND VOLUME	76.71 CuFt
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	151.43 CuFt
M.(1) LOW FIRE HOLD	1" NPT	STEAM RELEASE AREA	138.78 SqFt
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.(1) SIGHTPORT	1" NPT	(FULL) 8.388 Gal ●	53,132 Lbs
Q.( )		(WML) 6.255 Gal ●	43,710 Lbs
R.( )		SHIPPING WEIGHT:	60,400 Lbs
S.( )			

LTR	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" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR BOILER

CHECKED BY ?
DRAWN BY ?
DATE

SUPER SEMINOLE BOILER MODEL: X6-5-4500-S150-

SCALE 1/84

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.