



BOILER CONNECTIONS

A.(1) WATER OUTLET	10" 150# FLANGE
B.(1) WATER RETURN	10" 150# FLANGE
C.(4) LWCO	1" NPT
D.(1) SAFETY VALVE	1 1/2" NPT
E.(5) SAFETY VALVE	2" NPT
F.(1) BOILER DRAIN	2" NPT
G.(4) WATER CIRCULATION	3" NPT
H.(3) HANDHOLE	3" x 4"
J.(1) MANWAY	12" x 16"
K.(1) CLEANOUT	17" ID
L.(1) AIR VENT	2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(4) AQUASTAT	1/2" NPT
P.(1) AQUASTAT	3/4" NPT
Q.(1) STACK TEMP	1/2" NPT
R.()	
S.()	

RATINGS & CAPACITIES

HORSEPOWER	700
DESIGN PRESSURE	30 PSIG WATER
DESIGN TEMPERATURE	250° F
GROSS OUTPUT	23433 MBH
HEAT RELEASE (FURNACE ONLY)	151,427 BTU/GHr
RATED INPUT	28291 MBH
HEATING SURFACE (ASME)	3534 SqFt
FURNACE HEATING SURFACE	186.08 SqFt
FURNACE VOLUME	
FURNACE ONLY	183.43 GHr
TURNAROUND VOLUME	77.09 GHr
WATER CAPACITY:	
(FULL)	5.017 GALS @ 41.731 LBS
SHIPPING WEIGHT:	43,100 LBS

LN	DATE	REVISION	BY	REPRESENTED
				?
				PROJECT
				?
NOTES				
1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.				
2. SPECIFICATION SHEET TAKES PRECEDENCE 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.				
				CHOOSE 1 BY DATE 1/1 1/1 1/1 2/1 2/1 2/1 3/1 3/1 3/1
		SUPER SEMINOLE BOILER MODEL X8-5-3500-W30-		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.
		SCALE 1/84		DRAWING No. ?