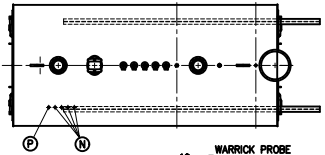

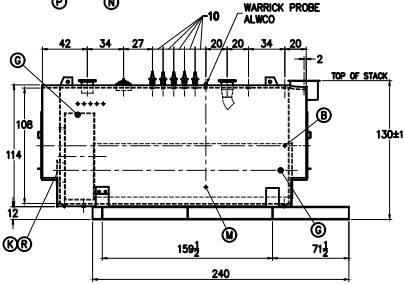

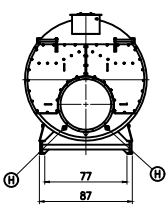

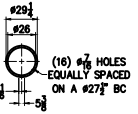

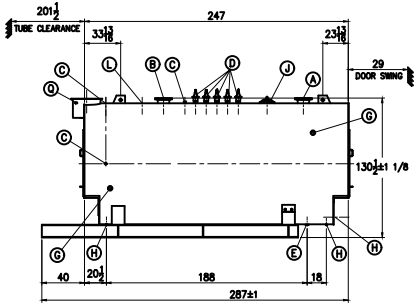

BOILER CONNECTIONS		RATINGS & CAPACITIES	
A.(1) WATER OUTLET	10" 150# FLANGE	HORSEPOWER	700*
B.(1) WATER RETURN	10" 150# FLANGE	DESIGN PRESSURE	30 PSIG
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250°F
D.(5) SAFETY VALVE	2" NPT	GROSS OUTPUT	23433 MBH*
E.( ) SAFETY VALVE		HEAT RELEASE: (FURNACE ONLY)	147172 BTU/CuFt*
F.(1) BOILER DRAIN	2" NPT	RATED INPUT	29291 MBH*
G.(4) WATER CIRCULATION	3" NPT	HEATING SURFACE (ASME)	3532 SqFt
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	194.29 SqFt
J.(1) MANWAY	12" x 16"	FURNACE VOLUME:	
K.(1) CLEANOUT	17" ID	FURNACE ONLY	199.02 CuFt
L.(1) AIR VENT	2" NPT	TURNAROUND ONLY	70.23 CuFt
M.(1) LOW FIRE HOLD	1/2" NPT		
N.(4) AQUASTAT	1/2" NPT	WATER CAPACITY:	
P.(1) AQUASTAT	3/4" NPT	(FULL) 5,021 Gals	@ 41,759 Lbs
Q.(1) STACK TEMP	1/2" NPT		
R.(1) SIGHTPORT	1" PIPE	SHIPPING WEIGHT:	43,800 Lbs
S.( )			

LTR	DATE	REVISION	BY

REPRESENTATIVE: ?

PROJECT: ?

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" - 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

MOHICAN — BOILER MODEL

7-5-3500-W30

SCALE 1/70

DRAWING No ?

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.