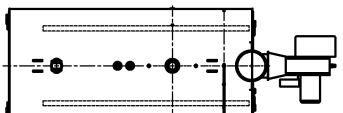

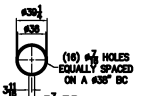

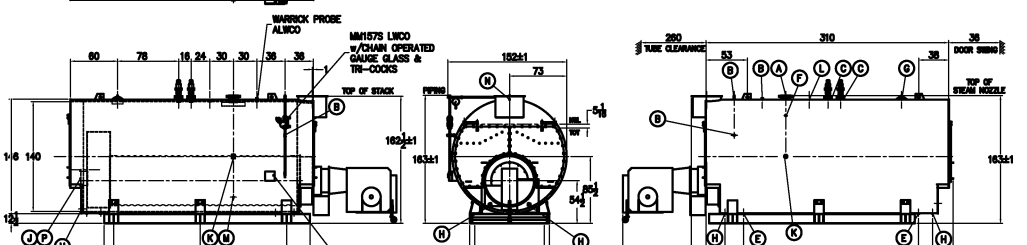

BOILER CONNECTIONS		RATINGS & CAPACITIES	
A.(1) STEAM OUTLET	10" 300# FLANGE	HORSEPOWER	1400*
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM
C.(2) SAFETY VALVE	3" 300# FLANGE	GROSS OUTPUT	46,865 MBH*
D.( ) SAFETY VALVE		STEAM (FROM & AT 212°F)	48,300 Lbs/Hr*
E.(2) BOILER BLOWDOWN	2" NPT	HEAT RELEASE (FURNACE ONLY)	144,415 BTU/CuFt*
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	58,581 MBH*
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	7090 SqFt
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	352.08 SqFt
J.(1) CLEANOUT	17" ID	FURNACE VOLUME	405.64 CuFt
K.(2) FEEDWATER	3" NPT	TURNAROUND VOLUME	111.00 CuFt
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	357.83 CuFt
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	213.67 CuFt
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.(1) SIGHT PORT	1 1/4" NPT	(FULL) 12,078 Gal @	100,484 Lbs
Q.( )		(MIN.) 9,402 Gal @	78,200 Lbs
R.( )		SHIPPING WEIGHT:	103,000 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 Sq/ft FIRING.

REPRESENTATIVE: ?

PROJECT: ?

SUPERIOR BOILER

CHECKED BY	DATE
M. MATALLAH	1-15-18

DRAWN BY	DATE

BOILER MODEL: MOHICAN 7-X-7000-S150-ICCF-G

SCALE: 1/86

DRAWING No: ?

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