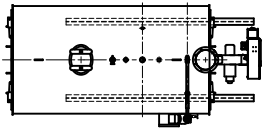

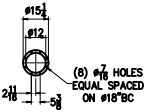

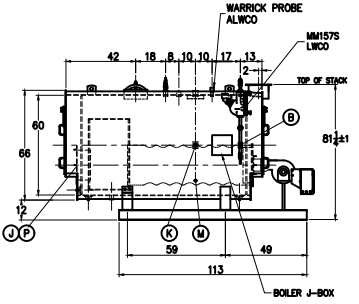

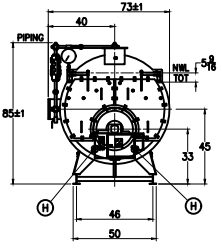

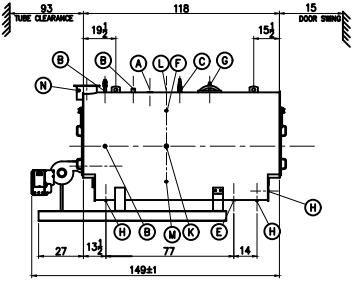

BOILER CONNECTIONS	
A.(1) STEAM OUTLET	2" NPT
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	1 1/2" NPT
D.( ) SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	1" NPT
L.(1) AUXILIARY/VENT	1 1/2" NPT
M.(1) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1 1/4" NPT
Q.( )	
R.( )	
S.( )	

RATINGS & CAPACITIES		
HORSEPOWER	60	
DESIGN PRESSURE	150 PSIG STEAM	
GROSS OUTPUT	2008 MBH	
STEAM (FROM & AT 212°F)	2070 Lbs/Hr	
HEAT RELEASE: (FURNACE ONLY)	153,663 BTU/CuFt	
RATED INPUT	2510 MBH	
HEATING SURFACE (ASME)	320 SqFt	
FURNACE HEATING SURFACE	37.73 SqFt	
FURNACE VOLUME	16.34 CuFt	
TURNAROUND VOLUME	18.44 CuFt	
STEAMING VOLUME	13.21 CuFt	
STEAM RELEASE AREA	28.18 SqFt	
WATER CAPACITY:		
(FULL)	818 Gal ● 6,805 Lbs	
(NWL)	719 Gal ● 5,983	
SHIPPING WEIGHT:	9000 Lbs	

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 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 WORKS, INC.
HUTCHINSON, KANSAS

CHECKED BY
DRAWN BY ?
DATE
DATE

BOILER MODEL
MOHICAN 7-X-300-S150-PF-G

SCALE 1/45

DRAWING No ?

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