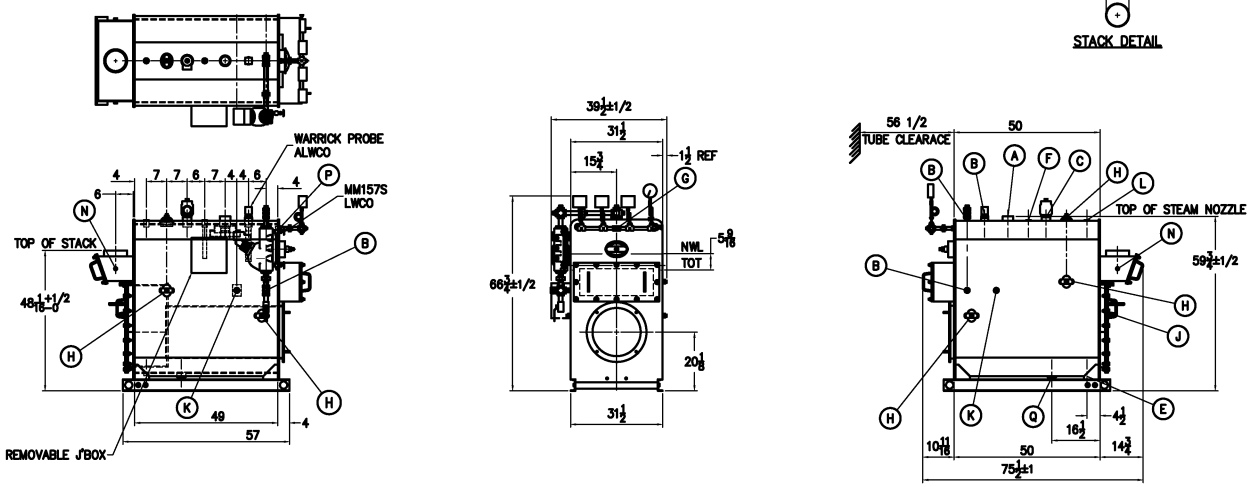

BOILER CONNECTIONS

A.(1) STEAM OUTLET	2 1/2" NPT
B.(4) LWCO	1" NPT
C.(1) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) HANDHOLE	4" x 6"
H.(5) HANDHOLE	3" x 4"
J.(1) SIGHTPORT	1 1/4" PIPE
K.(2) FEEDWATER	1" NPT
L.(1) AUXILIARY	1" NPT
M.( ) LOW FIRE HOLD	
N.(2) STACK TEMP	1/2" NPT
P.(1) PRESSURETROL	3/4" NPT
Q.(1) CLEANOUT	2" NPT
R.( )	
S.( )	

RATINGS & CAPACITIES

HORSEPOWER	10
DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	335 MBH
STEAM (FROM & AT 212°F)	431 Lbs/Hr
HEAT RELEASE: (FURNACE ONLY)	81418 BTU/CuFt
RATED INPUT	345 MBH
HEATING SURFACE (ASME)	63 SqFt
FURNACE HEATING SURFACE	14.11 SqFt
FURNACE VOLUME	5.14 CuFt
TURNAROUND VOLUME	3.36 CuFt
STEAMING VOLUME	5.55 CuFt
STEAM RELEASE AREA	9.53 SqFt
WATER CAPACITY:	
(FULL) 208 Gals @	1,727 Lbs
(NWL) 166 Gals @	1,381 Lbs
SHIPPING WEIGHT:	2,700

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

SUPERIOR BOILER WORKS, INC. HUTCHINSON, KANSAS

CHECKED BY	
DRAWN BY	?
DATE	

ARROWHEAD — BOILER MODEL AR-X-60-S15-M

SCALE	1/30
DRAWING No	?

REPRESENTATIVE: ? ?

PROJECT: ?

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