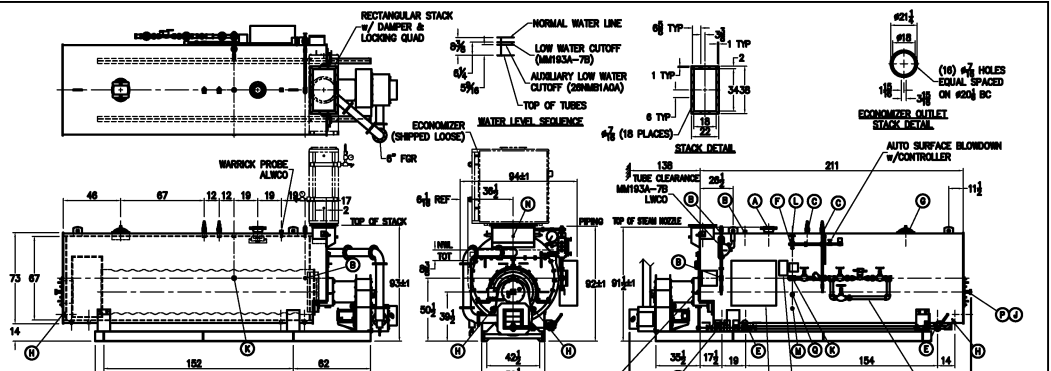

BOILER CONNECTIONS	
A.(1) STEAM OUTLET	8" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	1 1/2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
I.(1) CLEANOUT	10" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(1) LOW FIRE HOLD	1" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1" PIPE
Q.(1) CHEMICAL FEED	1" NPT
R.( )	
S.( )	

RATINGS & CAPACITIES	
HORSEPOWER	300*
DESIGN PRESSURE	150 PSI STEAM
GROSS OUTPUT	10043 MBH*
STEAM (FROM & AT 212°F)	10350 LBS/HR*
HEAT RELEASE: (FURNACE ONLY)	140313 BTU/Cu/Ft*
RATED INPUT	12853 MBH*
HEATING SURFACE (ASME)	917 Sq/Ft
FURNACE HEATING SURFACE	138.78 Sq/Ft
FURNACE VOLUME	89.67 Cu/Ft
TURNAROUND VOLUME	38.28 Cu/Ft
STEAMING VOLUME	41.84 Cu/Ft
STEAM RELEASE AREA	68.74 Sq/Ft
WATER CAPACITY:	
(FULL)	1,731 Gal ● 14,395 Lbs
(MIN.)	1,418 Gal ● 11,791 Lbs
SHIPPING WEIGHT:	16,800 Lbs

LTR	DATE	REVISION	BY

REPRESENTATIVE
X
X

PROJECTS
X
X

NOTESS

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER "A" & "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 3 Sq/Ft FIRING.

CHECKED BY
DATE
DRAWN BY
DATE

THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER & 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.

SUPERIOR BOILER

WICHITA

BOILER MODEL
10-X-900-S150-WBCF-G

SCALE
1/54

DRAWING No
X