



PRELIMINARY  
NOT FOR CONSTRUCTION

BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR		DATE		REVISION		BY	REPRESENTATIVE:					
A.(1) STEAM OUTLET	4" NPT	HORSEPOWER	40								_____					
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM								_____					
C.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	1339 MBH								_____					
D.( ) SAFETY VALVE		STEAM (FROM & AT 212F)	1380 Lbs/Hr								PROJECT:					
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE (FURNACE ONLY)	136932 BTU/CuFt								?					
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	1674 MBH								?					
G.( )		HEATING SURFACE (ASME)	168 SqFt													
H.(6) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	28.72 SqFt	NOTES								CHECKED BY		DATE		THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER AND 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.
J.(1) SIGHTPORT	1 1/4" PIPE	FURNACE VOLUME	12.22 CuFt									DRAWN BY		M. MATALLAH		
K.(2) FEEDWATER	1" NPT	TURNAROUND VOLUME	3.94 CuFt	ARROWHEAD		BOILER MODEL AR-4-160-S15-M		SCALE 1/34		DRAWING No ?						
L.(1) AUXILIARY	1" NPT	STEAMING VOLUME	10.99 CuFt													
M.( ) LOW FIRE HOLD		STEAM RELEASE AREA	13.99 SqFt													
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:		1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.		SUPERIOR BOILER										
P.(1) PRESSURE TROL	3/4" NPT	(FULL)	300 Gals @ 2,494 Lbs	2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.		ARROWHEAD		BOILER MODEL AR-4-160-S15-M		SCALE 1/34		DRAWING No ?		THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER AND 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.		
Q.(1) CLEANOUT	2" NPT	(NWL)	218 Gals @ 1,810 Lbs	3. BOILER DESIGN CODE ASME SECTION IV												
R.( )		SHIPPING WEIGHT:	3800 Lbs	4. BOILER INSULATED WITH 1"-6# DENSITY CERAMIC FIBER INSULATION WITH 22 GAUGE STEEL JACKET.												
S.( )				5. ALL DIMENSIONS ARE $\pm 1/2"$ UNLESS OTHERWISE NOTED.												
				*6. HORSEPOWER & RELATED INFO BASED ON 4 SqFt FIRING.												