



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR	DATE	REVISION	BY	REPRESENTATIVE:
A.(1) WATER OUTLET	4" NPT	HORSEPOWER	50*	A	10-4-06	DWG NO WAS 6A90463, HS WAS 297, SW WAS 8600#, DELETE OPS	ADR	W. C. ROUSE & SON INC
B.(1) WATER RETURN	4" NPT	DESIGN PRESSURE	30 PSIG WATER					
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250F					
D.(1) SAFETY VALVE	1 1/4" NPT	GROSS OUTPUT	1674 MBH*					
E.() SAFETY VALVE		HEAT RELEASE: (FURNACE ONLY)	71856 BTU/CuFt*					PROJECT:
F.(1) BOILER DRAIN	1 1/2" NPT	RATED INPUT	2092 MBH*					CULPEPER WWTP
G.() WATER CIRCULATION		HEATING SURFACE (ASME)	296 SqFt					
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	47.38 SqFt					
J.(1) MANWAY	12" x 16"	FURNACE VOLUME:						
K.(1) CLEANOUT	17" ID	FURNACE ONLY	29.12 CuFt					
L.(1) AIR VENT	1 1/2" NPT	TURNAROUND VOLUME	18.64 CuFt					
M.(1) LOW FIRE HOLD	1/2" NPT							
N.(4) AQUASTAT	1/2" NPT	WATER CAPACITY:						
P.(1) AQUASTAT	3/4" NPT	(FULL)	815 Gal @ 6,781 Lbs					
Q.(1) STACK TEMP	1/2" NPT	SHIPPING WEIGHT:	8,700 Lbs					
R.(1) SIGHT PORT	1" NPT							
S.()								

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 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.			

	CHECKED BY	DATE	THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER WORKS & 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.
	S. ANDERSON	4-14-06	
	DRAWN BY	DATE	
	A. REUSSER	4-14-06	
BOILER MODEL			
MOHICAN MS7-X-250-W30-GPCF-DG/P2			
SCALE	DRAWING No		
1/44	6090463 & 6090693		