


BOILER CONNECTIONS	RATINGS	BOILER MODEL	
A.(1) STEAM OUTLET <u>8" 300# FLANGE</u> B.(4) LWCO <u>1" NPT</u> C.(2) BOILER BLOWDOWN <u>2" NPT</u> D.(2) SURFACE BLOWDOWN <u>1" NPT</u> G.(1) MANWAY <u>12" x 16"</u> H.(5) HANDHOLE <u>3" x 4"</u> J.(1) CLEANOUT <u>17" ID</u> K.(2) FEEDWATER <u>2" NPT</u> L.(1) AUXILIARY/VENT <u>2" NPT</u> M.(2) LOW FIRE HOLD <u>1/2" NPT</u> N.(1) STACK TEMP <u>1/2" NPT</u> P.(1) SIGHT PORT <u>1" PIPE</u>	NOMINAL BOILER HORSEPOWER <u>700</u> DESIGN PRESSURE <u>150 PSIG STEAM</u> GROSS OUTPUT <u>23433 MBH</u> STEAM OUTPUT (FROM & AT 212°F) <u>24150 LBS/HR</u> INPUT GAS (1,000 BTU) <u>29291 MBH</u> INPUT OIL (140,000 BTU) <u>209.21 GAL</u> INPUT OIL (150,000 BTU) <u>195.26 GAL</u>	<u>MOHICAN</u> <u>7-5-3500-S150</u>	
DATA			NOTES
HEATING SURFACE (ASME) <u>3539 SqFt</u> CORRUGATED FURNACE VOLUME <u>186.87 CuFt</u> STEAM STORAGE VOLUME <u>125.86 CuFt</u> STEAM RELEASE AREA <u>119.85 SqFt</u> WATER CAPACITY: (NWL) <u>4139 Gal</u> @ <u>34427 Lbs</u> (FULL) <u>5081 Gal</u> @ <u>42258 Lbs</u> SHIPPING WEIGHT: <u>51,800 Lbs</u>			<ol style="list-style-type: none"> 1. SUPERIOR BOILER WORKS, INC RESERVES THE RIGHT TO CHANGE DIMENSION DUE TO PRODUCT REVISIONS OR JOB REQUIREMENTS. 2. ALL DIMENSIONS ARE APPROXIMATE AND MAY BE USED FOR LAYOUT ONLY. 3. BOILER DESIGN CODE ASME SECTION <u>I</u>. 4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET. 5. ALL UNITS MANUFACTURED TO UL LISTING PROCEDURES. 7. FURNACE VOLUME IS FURNACE ONLY (WET BACKED TURNAROUND NOT INCLUDED) 8. SHIPPING WEIGHTS ARE BASED ON UNITS WITHOUT BURNER OR BURNER MOUNT.
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.			