



| BOILER CONNECTIONS     |                | RATINGS & CAPACITIES        |                  | L/R DATE |  | REVISION |  | BY | REPRESENTATIVE |
|------------------------|----------------|-----------------------------|------------------|----------|--|----------|--|----|----------------|
| A.(1) STEAM OUTLET     | 4" 300# FLANGE | HORSEPOWER                  | 150              |          |  |          |  |    | ?              |
| B.(4) LWCO             | 1" NPT         | DESIGN PRESSURE             | 150 PSI STEAM    |          |  |          |  |    |                |
| C.(2) SAFETY VALVE     | 2" NPT         | GROSS OUTPUT                | 5021 MBH         |          |  |          |  |    |                |
| D.(1) SAFETY VALVE     |                | STEAM (FROM & AT 212°F)     | 5175 LBS/HR      |          |  |          |  |    | PROBLY         |
| E.(1) BOILER BLOWDOWN  | 1 1/4" NPT     | HEAT RELEASE (FURNACE ONLY) | 136185 BTU/GAL/F |          |  |          |  |    | ?              |
| F.(1) SURFACE BLOWDOWN | 1" NPT         | RATED INPUT                 | 6277 MBH         |          |  |          |  |    |                |
| G.(1) MAINWAY          | 12" x 16"      | HEATING SURFACE (ASME)      | 750 SqFt         |          |  |          |  |    |                |
| H.(5) HANDHOLE         | 3" x 4"        | FURNACE HEATING SURFACE     | 84.71 SqFt       |          |  |          |  |    |                |
| J.(1) CLEANOUT         | 17" ID         | FURNACE VOLUME              | 48.09 CuFt       |          |  |          |  |    |                |
| K.(2) FEEDWATER        | 1 1/4" NPT     | TURNAROUND VOLUME           | 24.09 CuFt       |          |  |          |  |    |                |
| L.(1) AUXILIARY VENT   | 2" NPT         | STEAMING VOLUME             | 28.03 CuFt       |          |  |          |  |    |                |
| M.(1) LOW FIRE HOLD    | 1" NPT         | STEAM RELEASE AREA          | 48.45 SqFt       |          |  |          |  |    |                |
| N.(1) STACK TEMP       | 1/2" NPT       | WATER CAPACITY:             |                  |          |  |          |  |    |                |
| O.(1) SIGHTPORT        | 1" NPT         | (FULL) 1.535 GAL            | ● 12.795 LBS     |          |  |          |  |    |                |
| P.(1)                  |                | (HVL) 1.340 GAL             | ● 11.147 LBS     |          |  |          |  |    |                |
| Q.(1)                  |                | SHIPPING WEIGHT:            | 14,800 LBS       |          |  |          |  |    |                |
| R.(1)                  |                |                             |                  |          |  |          |  |    |                |
| S.(1)                  |                |                             |                  |          |  |          |  |    |                |

### NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION I
4. BOILER INSULATED WITH 2" OF INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSION ARE ±1/2" UNLESS OTHERWISE NOTED.

**MOHICAN** BOILER MODEL  
**7-5-750-S150**

SCALE  
**1/48**

DRAWING NO.  
**?**

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.