



| BOILER CONNECTIONS     |                | RATINGS & CAPACITIES         |                        | LTR | DATE | REVISION | BY | REPRESENTATIVE: |
|------------------------|----------------|------------------------------|------------------------|-----|------|----------|----|-----------------|
| A.(1) STEAM OUTLET     | 8" 150# FLANGE | HORSEPOWER                   | 200                    |     |      |          |    | X               |
| B.(4) LWCO             | 1" NPT         | DESIGN PRESSURE              | 15 PSIG STEAM          |     |      |          |    |                 |
| C.(2) SAFETY VALVE     | 2 1/2" NPT     | GROSS OUTPUT                 | 6,695 MBH              |     |      |          |    |                 |
| D.( ) SAFETY VALVE     |                | STEAM (FROM & AT 212°F)      | 6,900 Lb/Hr            |     |      |          |    |                 |
| E.(2) BOILER BLOWDOWN  | 2" NPT         | HEAT RELEASE: (FURNACE ONLY) | 145,613 Btu/CuFt       |     |      |          |    |                 |
| F.(1) SURFACE BLOWDOWN | 1" NPT         | RATED INPUT                  | 8,369 MBH              |     |      |          |    |                 |
| G.(1) MANWAY           | 12" x 16"      | HEATING SURFACE (ASME)       | 1,035 SqFt             |     |      |          |    |                 |
| H.(4) HANDHOLE         | 3" x 4"        | FURNACE HEATING SURFACE      | 88.17 SqFt             |     |      |          |    |                 |
| J.(1) CLEANOUT         | 17" ID         | FURNACE VOLUME:              |                        |     |      |          |    |                 |
| K.(2) FEEDWATER        | 2" NPT         | FURNACE ONLY                 | 57.47 CuFt             |     |      |          |    |                 |
| L.(1) AUXILIARY/VENT   | 2" NPT         | STEAMING VOLUME              | 27.56 CuFt             |     |      |          |    |                 |
| M.(1) LOW FIRE HOLD    | 1/2" NPT       | STEAM RELEASE AREA           | 43.42 SqFt             |     |      |          |    |                 |
| N.(1) STACK TEMP       | 1/2" NPT       | WATER CAPACITY:              |                        |     |      |          |    |                 |
| P.(1) SIGHT PORT       | 1 1/4" NPT     | (FULL)                       | 1,485 Gal @ 12,350 Lbs |     |      |          |    |                 |
| Q.( )                  |                | (NWL)                        | 1,279 Gal @ 10,636 Lbs |     |      |          |    |                 |
| R.( )                  |                | SHIPPING WEIGHT:             | 16,700 Lbs             |     |      |          |    |                 |
| S.( )                  |                |                              |                        |     |      |          |    |                 |

  

| NOTES   |  |  |  |
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| 1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.<br>2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.<br>3. REAR DOOR SWING:<br>(1) MIN SIDE, MAX REAR<br>(2) MAX SIDE, MIN REAR<br>4. BOILER DESIGN CODE ASME SECTION IV<br>5. BOILER 2" INSULATION IS JACKETED IS WITH 22 GA STEEL.<br>6. ALL DIMENSIONS ±1/2 UNLESS OTHERWISE NOTED.<br>*7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING. |  |  |  |

  

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|              | 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. |
|              | DRAWN BY   | DATE |   |
| BOILER MODEL |            |      |   |
| SCALE        | DRAWING No |      |   |
| 1/50         | ?          |      |   |