



#### BOILER CONNECTIONS

|                        |                |
|------------------------|----------------|
| A.(1) STEAM OUTLET     | 6" 300# FLANGE |
| B.(4) LWCO             | 1" NPT         |
| C.(2) SAFETY VALVE     | 2" NPT         |
| D.(1) SAFETY VALVE     | 2" NPT         |
| E.(2) BOILER BLOWDOWN  | 1 1/4" NPT     |
| F.(1) SURFACE BLOWDOWN | 1" NPT         |
| G.(1) MANWAY           | 12" x 16"      |
| H.(5) HANDHOLE         | 3" x 4"        |
| J.(1) CLEANOUT         | 20" PIPE       |
| K.(2) FEEDWATER        | 2" NPT         |
| L.(1) VENT/AUXILIARY   | 2" NPT         |
| M.(1) LOW FIRE HOLD    | 1" NPT         |
| N.(1) STACK TEMP       | 1 1/2" NPT     |
| P.(1) SIGHTPORT        | 1 1/4" PIPE    |
| Q.( )                  |                |
| R.( )                  |                |
| S.( )                  |                |

#### RATINGS & CAPACITIES

|                             |                   |
|-----------------------------|-------------------|
| HORSEPOWER                  | 200*              |
| DESIGN PRESSURE             | 150 PSI STEAM     |
| GROSS OUTPUT                | 6865 MBH*         |
| STEAM (FROM & AT 212°F)     | 6800 Lbs/Hr*      |
| HEAT RELEASE (FURNACE ONLY) | 11,3235 BTU/CuFt* |
| RATED INPUT                 | 6369 MBH*         |
| HEATING SURFACE (ASME)      | 782 SqFt          |
| FURNACE HEATING SURFACE     | 112.75 SqFt       |
| FURNACE VOLUME              | 73.91 CuFt        |
| TURNOVER VOLUME             | 39.54 CuFt        |
| STEAMING VOLUME             | 35.80 CuFt        |
| STEAM RELEASE AREA          | 55.79 SqFt        |
| WATER CAPACITY:             |                   |
| (FULL)                      | 1.573 Gal         |
| (NWL)                       | 1.207 Gal         |
| SHIPPING WEIGHT:            | 19,800 Lbs        |

LSR DATE

REVISION

BY

REPRESENTATIVE

X

PROJECT

X

X

X

#### 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" - 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 3.7 SqFt FIRING.



CHECKED BY

X

DESIGN BY

X

DATE

DATE

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WCHITA

BOILER MODEL

10-3.7-750-S150

DRAWING No

X

SCALE

1/54