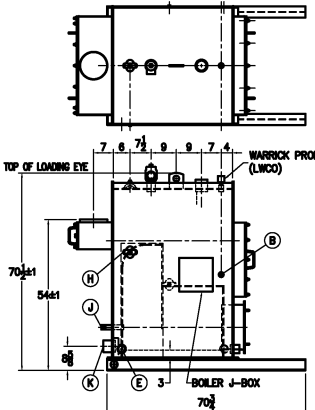


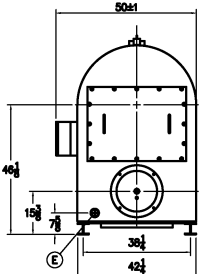


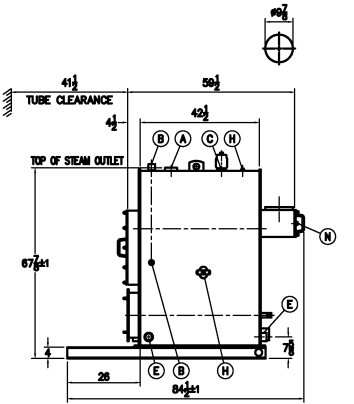


| BOILER CONNECTIONS | |
|---|---|
| A.(1) STEAM OUTLET | 3" NPT |
| B.(1) LWCO | 1" NPT |
| C.(1) SAFETY VALVE | 2" NPT |
| D.( ) SAFETY VALVE | |
| E.(4) BOILER BLOWDOWN | 2" NPT |
| F.( ) SURFACE BLOWDOWN | |
| G.( ) MANWAY | |
| H.(3) HANDHOLE | 3" x 4" |
| J.(1) SIGHTPORT | 1 1/4" PIPE |
| K.(1)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

| RATINGS & CAPACITIES | |
|---|---|
| HORSEPOWER | 25 |
| DESIGN PRESSURE | 15 PSIG STEAM |
| GROSS OUTPUT | 837 MBH |
| STEAM (FROM & AT 212 °F) | 863 MBH |
| HEAT RELEASE: (FURNACE ONLY) | 145,570 BTU/CuFt |
| RATED INPUT | 1,046 MBH |
| HEATING SURFACE (ASME) | 124 |
| FURNACE HEATING SURFACE | 11.88 SqFt |
| FURNACE VOLUME: | |
| FURNACE ONLY | 7.19 CuFt |
| TURN-AROUND ONLY | 9.07 CuFt |
| STEAMING VOLUME | ? CuFt |
| STEAM RELEASE AREA | ? SqFt |
| WATER CAPACITY: | |
| (FULL) | 210 Gal ● 1,750 Lbs |
| (NWL) | ? Gal ● ? Lbs |
| SHIPPING WEIGHT: | 3,600 Lbs |

| LTR | DATE | REVISION | BY |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

REPRESENTATIVE: X

PROJECT#: 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 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. HORSE POWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR BOILER

CHECKED BY: ?

DRAWN BY: ?

DATE:

DATE:

OSAGE

BOILER MODEL: 3-5-124-W30

SCALE: 1/24

DRAWING No: ?

THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER & 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.