



- MISCELLANEOUS HEATING SYSTEM NOTES**
1. Boiler to be Weil-McLain Ultra 230 condensing boiler; natural gas fired;
  2. Heating piping to be type L copper or HEPLEX tubing.
  3. Gas piping and cold water make up piping to be brought up from basement. Provisions shall be left for future boilers at lower floors.
  4. Hot water supply and return mains (only) to be insulated with fiberglass pipe insulation.
  5. Refer to structural, heating, sprinkler, etc. plans associated with this project prior to installation of piping to determine exact location of main runs.
  6. All piping is shown diagrammatically. Actual location of piping is to be determined in the field and is to be coordinated with other trades as necessary.
  7. It is not the intention of these drawings to show every fitting, hanger, valve, device, etc. All such items shall be installed as necessary to provide a complete operational plumbing system in accordance with normal trade practice.
  8. Mount all thermostats to meet ADA height requirements.
  9. Provide manual valves and interconnecting piping between fourth floor boiler and future third floor boiler so that either boiler can be used to supplement hot water supply and return for other floor in case of equipment failure.
  10. All piping and ductwork penetrations through fire rated walls and floors shall be equipped with UL approved fire collars, intumescent fire caulking and fire dampers as required by current building codes and to the satisfaction of the local code enforcement authority.

**75 STATE STREET  
 PORTLAND, ME  
 SCALE: 1/4" = 1'-0"**

**SOUTH HARBORSIDE  
 FOURTH FLOOR  
 HEATING**

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