



Building and Zoning Department

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GAS LINES

All residential and commercial plan submittals for new construction or for remodels or additions which include the installation of new gas burning appliances are required to provide a gas line drawing for review as part of the submittal of documents. This drawing may either be a one-line drawing including all the components noted below, or it may be completed on a plan drawing of the rooms of the structure.

DRAWINGS:

The drawings need to include the following:

- All existing and proposed new gas lines from the meter to all appliances or future appliances need to include the following:
 - * Material for each line
 - * Size of each line
 - * Length of each line
 - * The BTU input rating of each appliance
 - * Commercial plans are to have the size calculations and working pressure from the meter included on the sheet of the gas line drawings

PRESSURE TEST:

A pressure test is to be done on the line(s) at the four-way (rough) inspection, but verification that the line is holding a pressure should be done by the contractor prior to calling for inspection.

- A typical single family residence will require a pressure of at least 1 ½ times the working pressure, with a minimum of 5 pounds for at least 10 minutes or 10 pounds for 15 minutes
 - Commercial working pressure, line lengths and other factors is determined as per the information provided on the approved plans and requirements of NFPA 54
 - Test gauges for all tests are to be able to indicate loss from leaks during the test and will be determined if adequate by the inspector
- **QUESTAR GAS** requires 4-ounce pressure installation on all residential services with 1 inch minimum line size. Requests for 2 pound meter sets will be considered on a case by case basis. (For a two pound meter, the fuel line must be 1 ½" or larger in diameter.)