



2241 221st Ave. NE • East Bethel, MN 55011
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RESIDENTIAL GAS PIPING INFORMATION

PERMIT:

Mechanical Permit is required by person doing work.

APPROVED PIPING:

Wrought iron schedule 40 black or galvanized, or copper standard type K or L is approved for gas piping. Any other piping must be listed and approved for gas piping.

JOINTS:

Screwed fittings, approved gas tubing fittings and brazed joints having a melting point in excess of 1,000 degrees f. are permitted. Some fittings are not approved in concealed locations. Please call the Building Official for any questions you may have regarding gas pipe and gas pipe connections. Compression fittings are not permitted in gas piping.

ABOVE GROUND (outside):

Galvanized or coated with corrosion resistant material. 1346.5404.8

ABOVE GRADE OR ROOFS:

Minimum 3.5" above grade, and roofs. 1346.5404.7

UNDERGROUND:

Metal gas pipe shall have a minimum 12" ground cover IFGC 404.9

UNDER BUILDINGS:

Not allowed except with prior approval by the Building Official, and within a vented and structural sleeve. The structural sleeve must first withstand a 5 psi air test, before venting IFGC 5404.11.

CONCEALED FITTINGS:

Brazing and approved fittings for concealed locations only IFGC 404.3

AIR PLENUM:

Gas piping not allowed in ducts IFGC 404.1

TYPE OF VALVES:

Approved type: All gas valves must be listed and approved for gas piping and approved by the Building Official 1346.5409.1.

VALVE LOCATIONS:

A gas valve must be installed after the gas meter and before the first branch 1346.5409, and within 6 feet of individual equipment IFGC 409.5

INSPECTION:

Pipe to be exposed for inspection. All new piping shall have a minimum of 25 psi air pressure, but not less than 1.5 times the working pressure for 30 minutes for residential use. A final inspection with a monometer test is required upon completion of installation.