Residential Gas Line Permit Submittal Requirements

A permit is required for natural gas and liquified petroleum gas (LPG) systems in the following cases:

- **Emergency repairs for an existing gas piping system (minor repairs do not require plans)**
- Installation of a new gas piping system or modification to an existing system
- Addition of appliances to a gas piping system
- BTU increase due to installation of a higher-demand gas appliance
- Replacement of a gas-fueled tank water heater with a tankless gas water heater (resulting in increased gas demand)
- Suspension of gas services by Southwest Gas due to a leak or vacant building, which requires a green tag and City clearance.

The following documents are required for a Building Safety plan review and must comply with the currently adopted **2024 International Residential Code**:

1. A **Site Plan** identifying the location of the work to be performed.
2. For a new gas piping system or modification **inside** the structure, provide a floor plan showing the existing and new portions of the system, location of new and existing appliances, BTU demand for all appliances, gas piping material type and size, gas piping section lengths, shut-off valves, regulators, sediment trap/drip legs and installation method. (e.g. underground, in-wall, attic)
3. For a new gas piping or modification **outside** the structure where the yard line starts at the gas meter, provide a site plan showing the existing and new portions of the gas piping system, location of new and existing appliances, BTU demand of all appliances connected to that gas system, gas piping material type and size, burial depth (if applicable), gas piping section lengths, shut-off valves, regulators and sediment trap/drip legs.
4. New LPG installations require the information listed above as well as LPG tank capacities, tank(s) location and distances to the property lines, buildings and building openings or fresh air intakes.

Note 1: A permit is not required for the following situations: Replacement of a gas appliance with the same or less BTU demand with no gas piping alteration, replacement of a gas appliance flexible hose, or if gas services were discontinued by Southwest Gas due to non-payment of bill.

Plans must be of drafting quality, drawn to scale and legible in order to be routed for review.

Submission of plans and supporting documents in accordance with these requirements does not guarantee approval or issuance of a permit. All plans are subject to review for compliance with the 2024 International Residential Code, ordinances, zoning regulations and standards enforced by the City of Chandler. Additional information, revisions, calculations, engineering, or corrections may be required during the plan review process prior to approval.

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Created: 6-8-26