



DEPARTMENT OF CODE ADMINISTRATION

John D. Catlett
Director

301 King Street
Room-4200
Alexandria, Virginia 22314

Phone (703) 746-4200
Fax (703) 549-4589
alexandriava.gov

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DATE: JULY 8, 2013

TO: ALL CUSTOMERS AND STAFF

FROM: KEN GRANATA, PLAN REVIEW SERVICES DIVISION CHIEF

SUBJECT: WHEN A FUEL-GAS PLAN REVIEW IS REQUIRED

This policy is intended to clarify the following plan review requirements for fuel gas projects:

1 & 2 Family Dwelling Buildings & Accessory Structures - Single Family, Townhomes & Duplexes

New Buildings & Accessory Structures

All fuel gas systems – A Code Administration plan review and approval is required prior to permit issuance. Refer to “Fuel Gas Drawing Requirement” below for plan review submission requirements.

Additions & Alterations

Less than 2.0 psig fuel gas systems – A Code Administration plan review is not required prior to permit issuance. At the time of required fuel-gas inspections, the field inspector will verify the fuel gas system installation complies with the Virginia Residential Code (VRC). It is incumbent on the installer to ensure the fuel-gas pipe sizes are adequate to properly serve the fuel gas equipment and appliances per the manufacturer’s specifications and the VRC.

Note – Planning & Zoning and/or Transportation & Environment Services plan reviews maybe required based on the project’s scope of work.

2.0 psig and greater fuel gas systems – A Code Administration plan review and approval is required prior to permit issuance. Refer to “Fuel Gas Drawing Requirement” below for plan review submission requirements.

Commercial Buildings & Structures

All fuel gas systems – A Code Administration plan review and approval is required prior to permit issuance. Refer to “Fuel Gas Drawing Requirement” below plan review submission requirements.

Fuel Gas Drawing Requirements

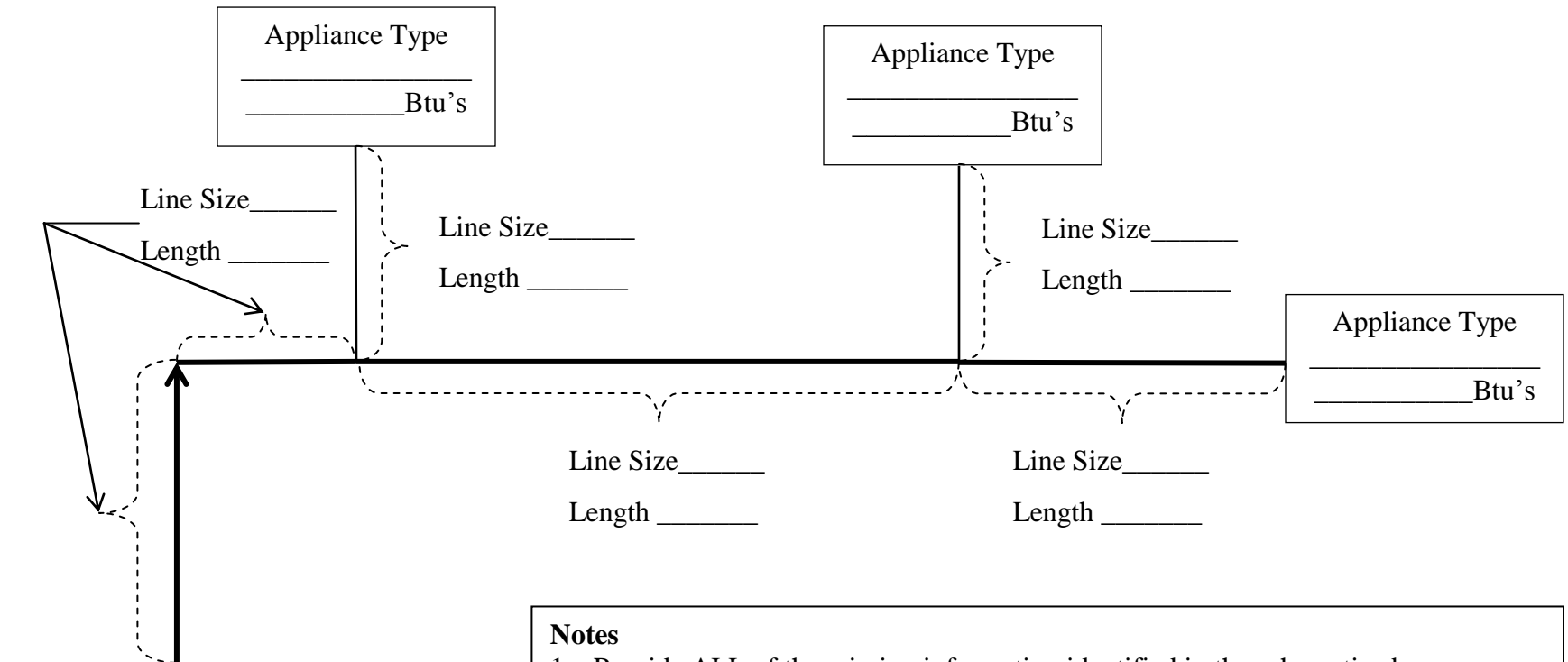
- A completed gas schematic drawing (see sample below)
- The gas pressure from the meter, (low or medium). If medium pressure is used, locate all medium pressure regulators.
- The maximum gas demand (BTU’s) for each gas appliance(s) served by the meter.
- The size(s), type(s) and length(s) of the pipe material from the meter to each appliance.
- Type, make, model number and maximum gas demand (BTU’s) of the appliance(s) to be installed.

SAMPLE GAS SCHEMATIC

(Identify ALL existing and new appliances receiving fuel gas from the meter)

Address: _____

Pipe Material: _____



**Gas Meter
Pressure (outlet) = _____**

Notes

1. Provide ALL of the missing information identified in the schematic above.
2. Locate all Medium Pressure (MP) gas regulators.
3. A Medium Pressure (MP) regulator is a line pressure regulator that reduces gas pressure from the range of greater than .5 psig and less than or equal to 5 psig to a lower pressure. 1 psi = 27.71" of water column (wc).
4. A listed shutoff valve shall be installed immediately ahead of each MP regulator.

Reference – Virginia Residential Code and Virginia Construction Code