



Department of Community Development  
 Building Inspections  
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**PLUMBING PERMIT APPLICATION**

Job Address: \_\_\_\_\_

Owner: \_\_\_\_\_ Phone: \_\_\_\_\_

Contractor: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone #: \_\_\_\_\_ Cell #: \_\_\_\_\_ Fax #: \_\_\_\_\_ Email: \_\_\_\_\_

VA License #: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

License Classification: \_\_\_\_\_

Tradesman Card Holder: \_\_\_\_\_

VA License #: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

License Classification: \_\_\_\_\_

Description of Work: \_\_\_\_\_

Job Cost: \_\_\_\_\_ Related Building Permit #: \_\_\_\_\_

\_\_\_\_\_  
 Applicant Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Applicant (Print Name)

\_\_\_\_\_  
 Company/Contractor Name

**NOTE**

- A signed checklist is required with the permit application.
- A completed "Self Affidavit" form is required if applicant is not subject to license or certification requirements as a contractor or sub-contractor.

# Plumbing and Gas Checklist

## City of Salem, Virginia Community Development Building Inspections

The following checklist contains the minimum information and details required on plumbing and fuel gas.

### **CHECK ALL OF THE ITEMS BELOW THAT APPLY:**

#### **General Requirements**

- Construction documents must be prepared and sealed by a registered design professional (RDP) for:
  - All occupancies, except R-5
  - All buildings over 3 stories in height
  - Any building or occupancy using non-packaged equipment or packaged equipment exceeding 300° F (other than flue gases) and pressures greater than 125 PSI
- R-5 Occupancies are not required to be prepared by an RDP, prepared by a licensed master plumber or master mechanical worker, or a licensed Class A contractor with an associated plumbing or mechanical specialty
- Name, occupation, address and telephone number of the person who prepared the plans
- Construction plans must have the following:
  - All pages of the plan set the same size. If different discipline designers use different page sizes, re-print the smaller pages on sheets the size of the largest in the set
  - Plumbing and gas plans on the same size sheets as the other plans in the building permit package
  - Current Virginia adopted edition of the Plumbing/Fuel gas code to be used
    - in installations.
  - New work vs. old work, clearly distinguished
  - Handicap elevation details and dimensions for all plumbing fixtures
  - Each plumbing/gas sheet clearly identified with distinct sheet numbers
- A permit is required prior to scheduling inspections

#### **Water Service (meter to where line enters building)**

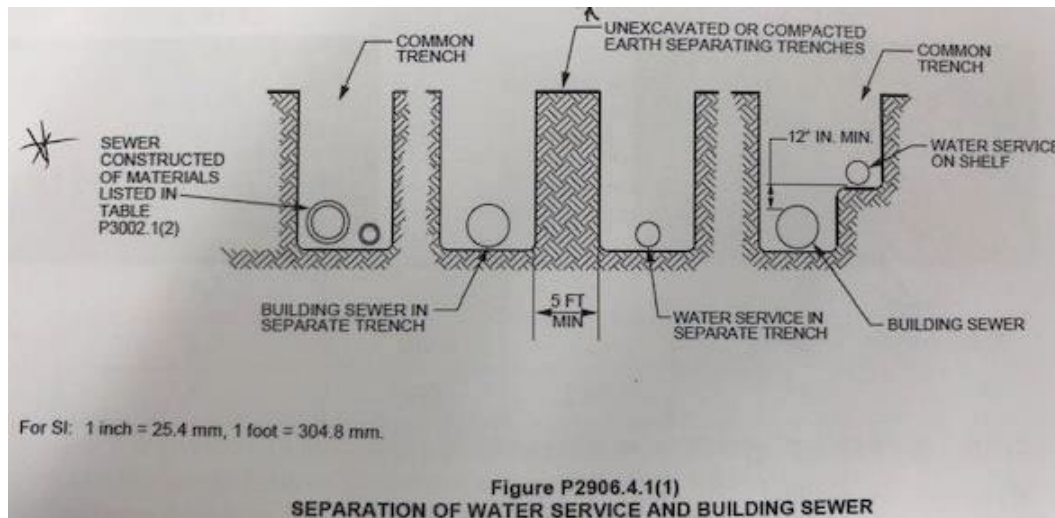
- Maximum developed length of pipe
- Water service line depth is 30 inches in ground
- Tracer wire (18-gauge minimum) required from meter to house, located within 12" of the pipe. One end of the wire shall terminate above grade.
- Size of water service pipe. Unless otherwise indicated available pressure is assumed to be 50 PSI.

#### **Water Distribution (inside building)**

- Water heater type and location; if gas-fired indicate source of combustion air
- Size of all water supply pipes
- Any required backflow devices and their location
- Fixture schedule (indicate flush valve where provided)
- Vertical pipes must be strapped in place
- No air test on plastic piping.

## Waste & Vent

- Plan and isometric view of plumbing systems must show:
  - Size and location of all waste pipe and vents (label fixtures)
  - Location of all cleanouts
- Tracer wire (18-gauge minimum) required from clean out to house within 12" of the pipe. One end of the wire shall terminate above grade.
- Sewer Replacement (must mark at least one):
  - **Open-ditch** (typical) requires inspection PRIOR to concealment.
  - **Pipe-bursting** requires post-installation video sent to [communitydev@salemva.gov](mailto:communitydev@salemva.gov) PRIOR to inspection and pressure test before or at final inspection.
  - **Re-lining** requires pre-installation video submitted to code official PRIOR to installation as well as a post-installation video sent to [communitydev@salemva.gov](mailto:communitydev@salemva.gov) PRIOR to inspection.
- Sewer and water lines must be separated as indicated below:



## Kitchen Plumbing

- Fixtures intended for food preparation, clearly labeled, to verify indirect connection
- All fixtures that will be drained to a grease interceptor. Only fixtures likely to receive grease-laden waste water are allowed to drain to the grease interceptor. Hand sinks, ice makers and other clear water waste shall not discharge to a grease interceptor.
- Detail of grease interceptor showing flow control, and air intake

## Storm Water

- Size of conductors and leaders and amount of roof area served
- Secondary drainage where applicable

## Gas Plans

- Schematic plan showing lengths, sizes, materials, and pressure of the gas piping system that includes all new and existing components
- Means to supply combustion air

Signature:

Date: