

PROCEDURE FOR ON-SITE INSPECTIONS

After the project has been approved by the Department of Public Works, all required utility improvements within the right-of-way and easement must be installed and tested in accordance with the Public Facilities Manual (PFM). Inspections and testing of these improvements will be conducted by Public Works in accordance with our current procedures. After receipt of all required paperwork (record drawings, defect bonds, easements, affidavits, agreements, etc.), the water meter(s) only will be installed by the Department of Public Utilities of construction purposes.

Backflow preventers required by Public Utilities shall be located directly behind the meter(s) and privately tested within forty-eight (48) hours of meter installation and testing certification submitted to the Department of Public Utilities within twenty-four (24) hours after test. Non-conformance with this will result in termination of water service.

Inspection of private site utilities, between the city right-of-way and five (5) feet out from the building, will be performed by a professional engineer. These include water service 2" in diameter or larger, sewer services 6" in diameter or larger, all fire mains and all storm drainage facilities. Testing and certification of fire mains must be in accordance with NFPA-24 with certification submitted to the Fire Prevention Bureau. Testing and certification of other site utilities must be in accordance with the PFM.

No permits for utility site work are required from the Department of Inspections in the above situation. The engineer will provide inspection and testing certification to the Department of Neighborhood Services and Department of Public Utilities, including all bacteriological sample results for the project. Signature must be original on both sets of inspections and testing certification.

The Department of Neighborhood Services will provide inspections of water services less than 2" in diameter and sewer lines less than 6" in diameter, and when installed per the International Plumbing Code. Permits are required for this work from the Department of Neighborhood Services prior to beginning this work. Inspection services may be provided by the professional engineer with pre-approval by the Department of Neighborhood Services, Plumbing Division in the same manner as larger utility lines.

Final activation of the water and sewer facilities will be done once the Statement of Completion has been received and approved by the Department of Public Utilities and Department of Neighborhood Services, and pursuant to the established Public Utility activation procedure.

Final Certificate of Occupancy (CO) can be issued by the Department of Neighborhood Services upon completion and approval of final activation and other required inspections.

SITE PLAN CONSTRUCTION STATEMENT

Statement of Completion

Having provided visits to the site at intervals appropriate for the various stages of construction, to the best of my professional knowledge and belief, the construction of on-site water, sewer, storm drain facilities and pavement sections to serve the project known as _____, were constructed in accordance with the current plans approved by the City of Chesapeake. To the best of my knowledge and belief, no modifications from the approved plans were made that affect the capacity and hydraulic conditions of the water, sewer or storm drainage facilities, nor the quality of the water to be delivered to or discharged from the project. All testing has been completed in accordance with the appropriate sections of the Public Facilities Manual. Copies of the bacteriological test for the project are attached. Reasonable site inspections and inquiries during and after the construction of the project were made by me or a qualified employee or agent under my supervision or employment to ensure the truth and accuracy of this statement.

By: _____

_____ VA Registered Professional Engineer, or

_____ Land Surveyor Licensed Pursuant to VA Code § 54.1-408 or

_____ Property Owner/Licensed Class A VA Contractor

Suggested On-Site Inspection Checklist

Water

- Materials meet required specifications
- Installation in accordance with standard industry practices
- Pressure Test passed in accordance with standards
- Chlorination and bacteriological testing meet standards

Sewer

- Materials meet required specifications
- Installation in accordance with standard industry practices
- Pipe slopes allow sewage to flow to discharge point
- Inflow/Infiltration test meets standards

Storm Drains

- Materials meet required specifications
- Installation in accordance with standard industry practices
- Detention Areas constructed according to approved plans
- Infiltration test meets standards

Pavement

- Pavement location in accordance with approved plans
- Pavement section in accordance with approved plans
- Pavement grading in accordance with approved plans

Site Grading

- Grading of site in accordance with the approved plans

Fire Protection

- Underground fire system installed according to approved plans and NFPA 24
- Underground fire system tested in accordance with NFPA 24
- Contractor's Material & Test Certificate (NFPA 24) completed