

City of Charleston

Required Inspections for Plumbing Work

Listed below are typical inspections required by the City of Charleston, on new plumbing installations. Each listed inspection has items which are required to be evaluated on new dwellings & any updates/renovations. Please provide a 24 hour notice for each appointment. Please call our office, 217- 345-5650, to schedule these appointments.

Inspections

Main Sewer Tap

- 1 Fitting & connection type
- 2 Material type & size
- 3 Soil bedding/condition
- 4 Placement for lateral

Lateral (usually completed with sewer tap)

- 1 Material type & size
- 2 Soil bedding/condition
- 3 Slope/pitch from structure to main
- 4 Clean out vent
- 5 All connections

Water main tap

- 1 Separation from building sewer
- 2 Soil bedding/condition
- 3 Frost depth/protection
- 4 Connection to main

Main supply (usually completed with water tap)

- 1 Separation from building sewer
- 2 Frost depth/protection
- 3 Soil bedding/condition
- 4 Meter base
- 5 Shut off valves exterior & Interior
- 6 Supply line material & diameter size
- 7 All connections

Horizontal drains (interior)

- 1 Material type & size
- 2 Soil bedding/condition
- 3 Slope/pitch
- 4 Floor drain
- 5 Ejector system (when necessary)
- 6 All connections

Vertical drains/stacks (interior)

- 1 Material type & size
- 2 All connections
- 3 Clean out
- 4 Fixture drains & vents
- 5 Roof vent size & flashing
- 6 Back flow valve (when necessary)

Supply lines (interior)

- 1 Material type & size
- 2 Anchors or supports
- 3 Locations
- 4 Shut off valves
- 5 Back flow valve (when necessary)
- 6 Hammer arresters

Final

- 1 Fixture type & anchors
- 2 Fixture drains and traps
- 3 Supply line size & type
- 4 Supply line shut off valves
- 5 Storage tanks installation
(usually water heater & toilets)

Additional inspections may be required depending on the inspection status, type of structure & size of the project.