

The Addition of Section 504.0 to Chapter 5 of Philadelphia Water Department Regulations

between the installation of a new Sewer Connection and/or Lateral and the repair or reconnection of an existing Sewer Connection and/or Lateral.

(p) Slant: The prefabricated fitting connecting the Lateral to the Public Sewer.

(q) Streets Department: The Philadelphia Department of Streets, an operating department of the City of Philadelphia.

(r) Water Department: The Philadelphia Water Department, an operating department of the City of Philadelphia.

504.2 Owner's Responsibility.

(a) The property owner owns and shall maintain and repair the property's entire Drainage System and the Sewer Connection, ensuring each is intact, unobstructed, and properly configured, connected, and functioning at all times.

(b) The owner(s) of a Private Sewer shall maintain and repair the Private Sewer, ensuring it is intact, unobstructed, and properly configured, connected and functioning at all times.

(c) The sanitary, stormwater, or combined sanitary and stormwater Lateral for each building or structure shall be separate and independent of the Drainage System serving any other building, structure, or surface area unless part of a common building sewer or Drainage System or Private Sewer permitted under the Philadelphia Plumbing Code and approved by the Water Department and Licenses and Inspections.

Exceptions:

(1) Multiple buildings, structures, or surface areas which have a shared

stormwater management practice ("SMP") may use a single Lateral to connect the SMP to a Public Sewer in accordance with PWD Regulations Chapter 6.

(2) Several SMPs may use a single Lateral to connect the SMPs to a Public Sewer.

504.3 Permit Required.

(a) Permit required.

(1) No person shall make a new Drainage System connection to an existing Public Sewer unless:

(A) the Water Department has determined that the Public Sewer has available capacity for the proposed connection in accordance with the Pennsylvania Sewage Facilities Act ("Act 537"), if applicable, and

B) he or she has obtained a Sewer Connection Permit.

(2) No person shall reconnect, replace, or repair an existing Sewer Connection or a Lateral until he or she has obtained a Sewer Connection Permit.

(b) An application for a Sewer Connection Permit shall be submitted by a Master Plumber or his/her authorized agent.

(c) A Master Plumber or his/her authorized agent must follow the process detailed in the Manual in order to obtain a Sewer Connection Permit.

(d) Any Plumber or other person who starts work governed by this Section without securing the proper permits as required by the Philadelphia Code and these regulations shall be subject to having his/her license

suspended or revoked, and/or such penalties as may be prescribed by law, and may be ordered to stop work immediately, except in an emergency as provided by law.

504.4 Plumber's Responsibility.

(a) A Plumber is required to be on site at all times following commencement of any work governed by this Section. The Plumber shall have his/her license or registration, personal identification, and all permits available for inspection at the work site at all times. If not on site, a journeyman or Master Plumber shall be available for a site visit or electronic communication during a City inspection.

(b) The responsibility to provide an adequate Sewer Connection remains with the Master Plumber. Any approval by the City of Philadelphia or Water Department does not remove any responsibility from the Master Plumber.

(c) The Plumber must protect stockpiles of excavated material and must broom sweep the sidewalk and roadway adjacent to the work site at the end of each work day. Excavated material is prohibited from entering the Public Sewer.

(d) The Plumber shall comply with the Pennsylvania Underground Utility Line Protection Act (73 P.S. § 176 et. seq., informally known as PA One Call), or equivalent.

(e) It is the responsibility of the Plumber on site to dig with care and verify all utility location information. If a Plumber causes or discovers any damage to public or private infrastructure or property during any work covered by this Section, the Plumber shall notify the Water Department immediately. The Water Department, upon being notified of such damage caused by the Plumber, may

order the Plumber to make any emergency repairs to public or private infrastructure at the Plumber's expense.

(f) If the Water Department determines that the Public Sewer or any other City infrastructure or property was damaged by a Plumber's operation, then the time and materials required by the City to repair such damage and other clean-up costs will be invoiced to the Master Plumber. The Water Department may withhold permits from a Master Plumber who fails to pay such an invoice, or who fails to resolve a legitimately disputed invoice.

504.5 Water Department Responsibility.

(a) The Water Department or its designee will inspect work conducted under this Section and will only approve work performed in accordance with the Manual.

(b) The Water Department may refer any violations of City Code and/or regulations under the jurisdiction of another City department to that agency.

(c) The Water Department maintains current Public Sewer records which shall be available for plumbers, engineers or other construction professionals to use when designing or constructing connections to the Public Sewer.

(d) The Water Department will periodically review and update the Philadelphia Water Department Sewer Connection Manual.

504.6 General Requirements for Sewer Connections.

(a) All Sewer Connections must be core drilled, unless approved by the Water Department in writing.

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(b) Strictly prohibited connections and configurations.

(1) The following types of connections are strictly prohibited.

Any private plumbing connected to:

(A) Force mains.

(B) Inlets.

(C) Inlet laterals.

(D) A sewer with insufficient capacity.

(2) The following configurations are strictly prohibited:

(A) A stormwater Lateral or combined stormwater and sanitary Lateral connection to a sanitary-only Public Sewer.

(B) A sanitary Lateral or combined stormwater and sanitary Lateral connection to a stormwater-only Public Sewer.

(C) A Sewer Connection from an ejector or pumped system.

(D) A Lateral intruding into the Public Sewer.

(c) Generally prohibited Sewer Connections.

(1) The following types of Sewer Connections are generally prohibited but may be reviewed and approved by the Water Department on an individual basis by the applicant showing an extreme hardship.

Sewer Connections to:

(A) Intercepting sewers.

(B) Manholes.

(C) Dry weather outlet pipes.

(d) Review and Approval.

(1) The following types of Drainage System connections shall be reviewed and may be approved on a case by case basis by the Water Department.

Drainage System connections:

(A) To a Public Sewer or a Private Sewer draining to a sanitary pump station.

(B) To a previously lined Public Sewer.

(C) Larger than six inches in diameter.

(e) Lateral pipe shall be properly constructed, installed, and maintained and shall be in accordance with the Manual.

(f) Any Sewer Connection shall be properly and securely made in accordance with the Manual.

(g) House Traps and Fresh Air Inlets shall be installed in accordance with the Philadelphia Plumbing Code.

504.7 Specific Requirements for Sanitary Sewer and Combined Sewer Laterals.

(a) A Lateral connecting to a sanitary-only Public Sewer shall not be smaller in diameter than the House Drain, and in no case less than five inches (5") in diameter.

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(b) A combined sanitary and stormwater Lateral shall be no smaller than six inches (6") in diameter.

(c) When connecting to a combined sanitary and stormwater Public Sewer, separate sanitary and stormwater Laterals within a Drainage System may only be combined after the approved House Traps.

(d) When connecting a Lateral to a sanitary-only Public Sewer and a Lateral to a stormwater-only Public Sewer, the Sewer Connection of the sanitary Lateral shall be downstream of the Sewer Connection of the stormwater-only Lateral, in relation to the flow of the Public Sewer.

504.8 Specific Requirements for Stormwater Sewer Laterals.

(a) Lateral pipe, including any pipe providing slow release or overflow drainage from a stormwater management practice, and connecting to any type of sewer shall, if applicable, be designed in accordance with Chapter 6 of these regulations.

(b) A stormwater Lateral shall be no smaller than six inches (6") in diameter.

504.9 Materials.

(a) Lateral pipe shall be constructed of ductile or cast iron, pre-cast reinforced concrete (RCP), or vitrified clay, conforming to the following standards:

(1) Cast iron pipe: ASTM A74;
ASTMA 888; CISPI 301

(2) Ductile iron pipe: ANSI/AWWA
C150 /A 21.50-81, Class 56 wall pipe

(A) Reinforced concrete pipe:
ASTM C14; ASTM C76; CAN/CSA
A257.1M; CAN/CSA A257.2M

(B) Vitrified clay pipe: ASTM C
4; ASTM C 700

(b) All Lateral pipe sections shall be joined with bell and spigot joints, made tight with oakum, cement, rubber O-ring or other joint compounds or materials approved by the Water Department. No-hub pipe connections are prohibited, except when making a resilient saddle connection.

(c) Plastic pipe, including ABS and PVC, shall not be used for Lateral construction in the cartway.

(d) Material(s) for Laterals differing from those required or prohibited by this Section shall not be used unless approved by the Water Department in writing in accordance with the Manual. The Master Plumber shall be responsible for establishing the suitability of the alternative material to the Water Department prior to approval and use.

504.10 Lateral Repairs and Replacements.

(a) Lateral repairs and replacements shall be made in accordance with the Manual.

(b) Where an existing Lateral is being replaced in the same location, the existing Slant may be re-used if the Water Department approves the re-use in writing after inspection of the existing Slant.

(c) When a Sewer Connection for a property's Drainage System is moved to a new location, that previously existing Sewer Connection shall be properly sealed and the previously existing Lateral for that connection shall be properly disconnected

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and removed or sealed in accordance with the Manual.

504.11 Work in the Street.

(a) Street excavations, closures or detours, trenching, compaction, pipe support, backfilling and pavement restoration shall conform with the regulations of the Streets Department.

(b) Written approval must be obtained from the Water Department and the Streets Department Chief Engineer of the Highway Division prior to boring or tunneling in the public right-of-way.

504.12 Access to City Sewer System.

(a) Any person wishing to access the Public Sewer to conduct an investigation of a Public Sewer, Private Sewer, or Lateral shall obtain a Sewer Access Permit from the Water Department.

(b) No person, instrument, equipment, construction material or anything else may be placed into the Public Sewer for any purpose without the prior written consent of the Water Department.

504.13 Inspections and Enforcement.

(a) No backfilling shall commence until the Sewer Connection and/or any Drainage System component has been properly installed, and inspected and approved by the City.

(b) The Fresh Air Inlet(s) shall be visible and accessible for inspection at all times.

(c) The City is authorized to revoke a Sewer Connection Permit when:

(1) the Sewer Connection Permit was issued in error or was issued on the basis of incorrect, inaccurate or incomplete information in the application.

(2) the Sewer Connection Permit was issued on the basis of false statement or misrepresentation of fact in the application.

(3) any plumbing work for which the permit was granted is done in violation of Philadelphia Code or any regulations promulgated pursuant thereto, or fails to pass any inspection or test conducted by City.

(4) work is being conducted in an unsafe manner.

(5) a Stop Work Order or Cease Operations Order has been issued.

(d) Failure to comply with the requirements of this Section or to maintain in good working order any portion of the property's Drainage System shall evidence an immediate hazard to health or public or private property and shall result in the issuance of a Notice of Violation in accordance with the procedures of the Philadelphia Administrative Code and/or may result in the assessment of such other penalties as may be provided by law. In addition, as a result of a continuing violation and as stated in the Notice of Violation, the City may suspend water service at any time to prevent an immediate hazard to health or public or private property in accordance with the Philadelphia Administrative Code.

(e) If a violation of this Section as described in an issued Notice of Violation is not corrected or if public health, safety, or public or private property is in jeopardy, the City may correct the violation itself or by contract. The property owner(s) shall be responsible for the full cost of repair and

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shall be billed for such costs by the City. If the property owner(s) fails to pay the bill in the time allowed, the City may take any and all additional enforcement measures permitted by law.

(f) If a Plumber fails to meet his or her obligations under this Section, the City may enforce the penalty provisions of Philadelphia Code § 9-1003(8) (license suspension and revocation). The City may also require the Plumber to correct improper or unsatisfactory work. If, after notice from the City, a Plumber fails to correct unsatisfactory work, the City may correct the violation and invoice the Master Plumber for time and materials. The Water Department may withhold permits from a Master Plumber who fails to pay such an invoice, or who fails to resolve a legitimately disputed invoice.

504.14 Sewer Connection Fees

(a) The fees for a Sewer Connection Permit shall be:

<u>Size and Type</u>	<u>Charge</u>
5" or 6" connection	\$265.00
8" Saddle connection	\$400.00
8" Wye connection and any other PWD approved Sewer Connection requiring a connection method other than core drilling.	\$475.00

(b) Additional Fees:

Approved Generally Prohibited Connections	\$100.00
Connections or Repairs During Non-Business Hours	\$80.00

(c) The fee for re-inspection of a violation of this Section or for a rescheduled inspection, shall be \$65.00.

(d) With the Water Department's approval, depending on the type of connection or repair intended, the fee for an additional Sewer Connection Permit for work to be performed in the same trench and at the same time as work to be performed in association with an initial Sewer Connection Permit may be \$50.

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