

PART 7: SPECIFICATION FOR WATER MAIN EXTENSION
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CITY OF COLUMBIA REGULATIONS
PART 7
WATER MAIN EXTENSION

- 7.1 GENERAL – Water service will be extended into those areas not presently served by the City of Columbia water system in accordance with the following:
- 7.1.1 Inside City Limits – the City will install within a reasonable time after request an adequate water main to the property requiring service. The City is responsible for extensions to master parcels within the City limits and not to individual parcels that have been subdivided.
- 7.1.2 Outside City Limits – There are two alternatives for extending water mains to provide service. Under the first, and most common, the person requesting service may execute a water main extension agreement with the City, thereby obtaining City participation in the cost of the water main extension. Refer to Section 7.2 for procedures for executing a water main extension agreement. The second method is for the person requesting service to retain an engineer to design and prepare construction plans for the water main extension. Following approval of construction plans by the City Engineer, the person requiring service lets a contract for construction of water main extension. The design, plans and construction must comply with City design criteria and regulations. This method carries no city participation in the cost of engineering or construction, and the water main, along with necessary easements, must be deeded to the City at no cost to the City. Refer to Parts I and II of these regulations for procedures for Submission of Plans and Design Criteria.
- 7.1.3 Outside City Limits but Contiguous to City Limits – It is City practice to provide service only after the property is annexed into the City. Following annexation Section 7.0.1 above will apply. See Part 8, Section 8.0.2 for Procedures for Annexation.
- 7.2 WATER MAIN EXTENSION AGREEMENT- A water main extension agreement is a contract entered into between the city and the person or persons requesting water service wherein the City agrees to provide water service to property outside the City limits not presently served by the City’s water system. See sample water main extension agreement, paragraph 7.5.
- 7.3 PROCEDURES – The procedures for water main extension agreements are as follows:
- 7.3.1 Execution of Water Main Extension Agreement. In those areas outside the City limits, but not contiguous to the City limits, the developer may obtain service by entering into a water main extension agreement with the City.
- 7.3.1.1 To initiate a water main extension agreement, contact the City of Columbia, Department of Utilities and Engineering, 1136 Washington Street, P.O. Box 147, Columbia, SC 29217. Telephone number: (803) 545-3400.
- 7.3.2 Water Main Size. The City Engineer shall establish and/or approve the size of the water main deemed adequate to serve the property requiring service.

- 7.3.3 Design of Water Main Extension. Construction plans for the proposed water main extension shall be prepared by a registered professional engineer, licensed to practice in South Carolina, and shall be submitted in accordance with procedures set forth in Part 1, City of Columbia Regulations
- 7.3.4 Cost of the Water Main Extension. The developer's total cost of construction shall be equal to the actual contract cost for installation of the water main, plus engineering fees not to exceed 10% of the actual contract cost, plus actual off-site easement acquisition costs not to exceed the cost per linear foot specified in the sanitary sewer main extension agreement. The engineer shall provide the City with an estimate of the total cost of construction prior to execution of a water main extension agreement. This estimate of cost shall be subject to approval by the City Engineer.
- 7.3.5 Extension of Water Main. Following execution of a water main extension agreement, the developer shall install the water main to the boundary of the property requiring service.
- 7.3.6 City Participation in Cost. The City will pay the developer the cost of the water main extended to the boundary of the property to be served in accordance with the terms, conditions and limitations established in the agreement. The developer shall sustain any costs in excess of the amount to be paid by the City.
- 7.3.7 Construction of the Water Distribution System to serve the interior of the property is the responsibility of the person or persons requesting service.
- 7.3.7.1 The interior water distribution system shall be installed in accordance with plans and specifications submitted to and approved by the City Engineer. Part 1, City of Columbia Regulations contains guidelines for the submission of plans.
- 7.3.8 All water main construction, both interior and off-site, shall be under the supervision of the City Engineer.
- 7.3.9 The water main extension and such portions of the interior water distribution system as may be approved and accepted by the City shall be deeded to the City by the Owner along with any easements required by the City.
- 7.3.10 Construction of the interior water distribution system may be carried out concurrently with construction of the water main extension to the boundary of the property requiring service.
- 7.3.11 Establishment of Water Service – Water service to the property will be established following:
- 7.3.11.1 Execution of the water main extension agreement.
- 7.3.11.2 Completion of the water main extension.
- 7.3.11.3 Approval, acceptance, and deeding of the water mains, both interior and off-site to the City.

- 7.3.11.4 Payment of applicable meter installation fees. Refer to Part 12, City of Columbia Regulations.
- 7.4 APPLICATIONS FOR INDIVIDUAL SERVICES, i.e., water meters, will be accepted upon satisfactory completion of construction and:
 - 7.4.1 Receipt of properly prepared and certified record drawing plans from the engineer.
 - 7.4.2 Receipt of Engineering Division Form 2, executed by the developer, requesting acceptance of the water system. Refer to part 6, paragraph 6.3.2.
 - 7.4.3 Receipt of Engineering Division Form 3, Waiver of Lien, and list of materials installed from the contractor installing the water system. Refer to part 6, paragraph 6.3.3
 - 7.4.4 Satisfactory completion of pressure and bacteriological testing of the water system.
 - 7.4.5 Approval of the sanitary sewer system for service by the City Engineer; or evidence of approved wastewater disposal system if not served by City sewer.
 - 7.4.6 Issuance of building and plumbing permits by the appropriate Building Official/Inspections Department.
 - 7.4.7 All requirements have been met for installation of 25% of the meters in the project, or phase of the project if phasing has been approved. The limitations to 25% of the meters will be automatically lifted upon receipt and acceptance of the deeds and easements executed by the developer.

a. That upon completion of the above-described water main and distribution system it will accept title to the water main and so much of the distribution system as it shall require, and shall operate and maintain them as it does the remainder of its water system.

b. That the City shall pay to the Developer the total construction cost of the water main extension, providing, however, such payment shall be limited and defined as follows:

(1) No payment shall be made by the city until all required deeds and any necessary mortgage releases have been executed by the Developer and delivered to the City to complete the conveyances required by this Agreement. This requirement shall not be deemed satisfied until such deeds and mortgage releases have been reviewed and approved by the City Attorney.

(2) Payment by the City shall not exceed the estimated total construction cost a shown in Paragraph 2.b(7) below.

(3) The amount paid by the City shall not exceed the value of water meters actually placed in service within three years on the internal water meters shall, when applied for, be subject to any and all fees and charges then applicable under existing City ordinances and regulations. For the purpose of determining the amount to be paid by the City, the value of each meter in service shall be determined in accordance with the following schedule:

Meter Size	Amount
3/4"	\$335.00
1"	\$507.00
1-1/2"	\$679.00
2"	\$1024.00
3"	\$1713.00
4"	\$3436.00
6"	\$6881.00
8"	\$13,762.00
10"	\$27,525.00

(4) It is understood and agreed that the meters placed in service which shall be counted for the purpose of determining value as provided in Paragraph 2, b (3) above shall specifically exclude:

(a) Meter installed only to provide water for construction purposes;
and

(b) Meter not installed directly on the internal distribution system; and

(c) Meters to serve and properties outside the boundaries of the property described in Paragraph 1, a above; and

(d) Meter installed for the sole purpose of irrigation.

(5) Such payment shall be made within ninety (90) days of a written demand by the Developer, providing, however, the City shall make no more than one (1) payment per year for a maximum of three (3) years from the date of the completion and acceptance of the water main by the City. If no demand is received from the Developer within three (3) years after

construction is effectively completed, the City may compute the amount due and tender it to the Developer within ninety (90) days after the expiration of the three-year period.

(6) Once demand is made by the Developer, or upon the expiration of three (3) years, whichever occurs first, the number of meters actually placed in service shall be determined and no meters subsequently installed shall be used to determine the amount to be paid by the City.

(7) The total cost of construction shall be equal to the actual contract cost, plus engineering not to exceed 10% and actual off-site easement acquisition costs not to exceed \$____ per linear foot for any easement. The estimated cost of construction of the water main under this Agreement is \$____. The engineer designing the water main extension shall certify both the amount of his fee, and its receipt, to the City's Director of Engineering.

3. It is mutually agreed by the parties that:

a. Applications for individual services, i.e., water meters, will be accepted upon satisfactory completion of construction of water mains and:

(1) Receipt of properly prepared and certified "record drawing" plans.

(2) Receipt of Engineering Division Form #2, executed by the Developer, requesting acceptance of the water system.

(3) Receipt of Engineering Division Form #3, Waiver of Lien and list of materials installed from the contractor installing the water system.

(4) Satisfactory completion of pressure and bacteriological testing of the water system.

(5) Approval of the sanitary sewer system for service by the City's Director of Engineering; or evidence of an approved wastewater disposal system if not served by City sewer.

(6) Receipt of SCDHEC Permit to Operate.

(7) The building permit and plumbing permit for the residential units, building or other facilities to be served have been issued by the appropriate Building Official or Inspection Department.

b. Applications shall not be accepted for the project or phase of the project if phasing is approved, until the deeds and easements executed by the Developer are received and approved by the City's Director of Engineering.

c. The effective completion date of construction of the water main shall be the date the City receives all items in Paragraph 3a above excepting item (7). No meters to be counted to determine the amount to be paid by the City will be set prior to that date.

d. If at any future time should any part of the property described hereinabove become contiguous to the City limits of Columbia, the Developer, its/his/her or their heir(s), successor(s) and/or assign(s) will cause all of said property to be annexed to the City of Columbia. The Developer agrees to execute simultaneous herewith a covenant, in its/his/her or

their heir(s), successor(s) and/or assign(s) to cause said property to be annexed to the City, should any part of the property become contiguous to the limits of Columbia.

Failure to comply with the above will result in the City terminating existing service or refusing to extend service to any portion of the property not then served by the line referred to hereunder. Service will be reinstated or service will be governed by the other terms and conditions herein. Additionally, service will not be reinstated until such time as all required fees and costs required by the City for reinstatement have been paid to the City.

4. This Agreement shall be binding on the parties, their heirs, successors and assigns.

