

PART 8: SPECIFICATION FOR SANITARY SEWER MAIN EXTENSION  
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CITY OF COLUMBIA  
PART 8  
SANITARY SEWER MAIN EXTENSION

- 8.1 GENERAL – Service will be extended into those areas not presently served by the City of Columbia sanitary sewer system in accordance with the following:
- 8.1.1 Inside City Limits – The City will install, within a reasonable time after request, an adequate sanitary sewer 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.
- 8.1.2 Outside City Limits – There are two alternatives for extending sanitary sewer mains to provide service. The first, and most common, is for the person requesting service to enter into a Sanitary Sewer Main Extension Agreement with the City. This agreement provides for City participation in the cost of engineering and construction. The person requesting service must retain an engineer to complete studies to determine feasibility, best method and cost of providing service and to prepare construction plans. Refer to Section 8.2 for procedures for execution of the Sanitary Sewer Main Extension Agreement. The second alternative is for the person requesting service to have his engineer design and prepare construction plans for the extension. Following approval of the construction plans by the City Engineer, the person requesting service lets a contract for construction. The design, plans and construction must comply with City Design Criteria and Regulations. This method does not allow City participation in the cost of engineering or construction. Refer to Parts 1 and 3 for procedures for Submission of Plans and Design Criteria.
- 8.1.3 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 8.0.1 above will apply.
- 8.2 SANITARY SEWER MAIN EXTENSION AGREEMENT – A Sanitary Sewer Main Extension Agreement is a contract entered into between the City and the person or persons requesting sanitary sewer service wherein the City agrees to provide sanitary sewer service to property outside the City limits not presently served by the City’s sanitary sewer system. See sample Sanitary Sewer Main Extension Agreement attached. Refer to paragraph 8.4.
- 8.3 PROCEDURES – The procedures for Sanitary Sewer Main Extension Agreements are as follows:
- 8.3.1 Execution of Sanitary Sewer 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 Sanitary Sewer Main Extension Agreement with the City.
- 8.3.2 Sanitary Sewer Main Size. The City Engineer shall establish and/or approve the size of the sanitary sewer main deemed adequate to serve the property requiring service.

- 8.3.3 Design of the Sanitary Sewer Main Extension. Construction plans for the proposed sanitary sewer 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.
- 8.3.4 Cost of the Sanitary Sewer Main Extension. The developer's total cost of construction shall be equal to the actual contract cost for installation of the gravity sewer 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 sanitary sewer main extension agreement. This estimate of cost shall be subject to approval by the City Engineer.
- 8.3.5 Extension of sanitary sewer main – Following execution of a Sanitary Sewer main Extension Agreement, the developer shall install the sanitary sewer main to the boundary of the property requiring service.
- 8.3.6 City Participation is Cost. The City will pay the developer the cost of the sanitary sewer main extended to the boundary of the property to be served in accordance with the terms, conditions and limitations established in the sanitary sewer main extension agreement. The developer shall sustain any costs in excess of the amount to be paid by the City.
- 8.3.7 Construction of Sanitary Sewer Collector System – Construction of the sanitary sewer collector system to serve the interior of the property is the responsibility of the person or persons requesting service.
- 8.3.7.1 8.2.7.1 The interior sanitary sewer collection 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.
- 8.3.8 All sanitary sewer main construction, both interior and off-site, shall be under the supervision of the City Engineer.
- 8.3.9 The sanitary sewer main extension and such portions of the interior sanitary sewer collection 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.
- 8.3.10 Construction of the interior sanitary sewer collection system may be carried out concurrently with construction of the sanitary sewer main extension to the boundary of the property requiring service.
- 8.3.11 Establishment of Sanitary Sewer Service. Sanitary sewer service to the property will be established following:
- 8.3.11.1 Execution of the sanitary sewer main extension agreement.
- 8.3.11.2 Completion of the sanitary sewer main extension.

- 8.3.11.3 Approval, acceptance, and deeding of the sanitary sewer mains, both interior and off-site, extension and collector systems to the City.
- 8.3.11.4 Payment of applicable tap and sewer plant expansion fees. Refer to Part 13, City of Columbia Regulations.
- 8.4 APPLICATIONS FOR INDIVIDUAL SERVICES, i.e., sewer taps, will be accepted upon completion of construction and:
  - 8.4.1 Receipt of properly prepared and certified record drawing plans by the engineer.
  - 8.4.2 Receipt of Engineering Division Form 2, executed by the developer requesting acceptance of the sewer system. Refer to Part 6, paragraph 6.3.2.
  - 8.4.3 Receipt of Engineering Division Form 3, Waiver of Lien, and list of material installed from the contractor installing the sanitary sewer system. Refer to Part 6, paragraph 6.3.3.
  - 8.4.4 Receipt of certification from the developer's engineer that infiltration/exfiltration is within limits specified in City Regulations.
  - 8.4.5 Receipt of certification from the developer's engineer of the actual quantities installed and measured in the field and that the engineering fees as established and approved herein were received.

8.5 Sample Sanitary Sewer Agreement

STATE OF SOUTH CAROLINA)

SANITARY SEWER MAIN  
EXTENSION AGREEMENT

COUNTY OF )

THIS AGREEMENT entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between \_\_\_\_\_, hereinafter known as the Developer, and the City of Columbia, hereinafter known as the City.

For the sum of Five (\$5.00) Dollars and the mutual promises herein contained, the parties agree as follows:

1. The Developer will install, or cause to be installed, a sanitary sewer line, with all associated pump stations, fixtures and equipment as shall be required to serve property of the Developer located \_\_\_\_\_. The sanitary sewer trunk line shall be constructed from Point "A" to Point "B" as shown on the map which is on file in the office of the City's Director of Engineering under file reference \_\_\_\_\_, and incorporated herein by reference.

2. Prior to construction, the Developer will submit construction plans to the City's Director of Engineering for review and approval. Construction plans shall be prepared by the registered professional engineer licensed to practice in South Carolina and shall conform to the standards of design, construction and material normally used and required by the City.

3. The engineering fees shall be established in accordance with the "Suggested Median Fees for Professional Engineering Services" as recommended by the National Society of Professional Engineers, and shall be subject to the approval of the City's Director of Engineering.

4. The Developer will be responsible for obtaining all easements necessary for the construction of the sanitary sewer line described above. In the event condemnation is required, the City agrees, in its name, to promptly commence and prosecute such condemnation. The Developer understands and agrees that for the purpose of determining the total cost of construction of the sanitary sewer extension, the cost of easements shall be actual costs not to exceed \$\_\_\_\_\_ per lineal foot.

5. The construction cost shall be determined by letting a contract for the installation of the sanitary sewer main extension. The letting of the contract shall conform to the following conditions.

- a. The project will be approved for advertisement by the City.
- b. The project will be advertised for a minimum of two weeks in both "The State" newspaper and "The Black News."
- c. Proof of advertisement will be provided to the City prior to the bid opening.

d. Bids will be forwarded to the City's Department of Engineering to be opened jointly by the City and the Developer as specified in the advertisement for bids, with the City Clerk and the City's Director of Engineering or their representatives in attendance.

e. The contract will be awarded to the lowest responsible bidder. The City shall determine whether bidder is responsible, and approve the award of the contract. The City shall have the authority to waive technicalities and reject any or all bids and to approve such awards as, in its opinion appears to be in the best interest of the City.

f. A minimum of three bids must be received prior to the bid opening.

6. The total cost for extending the sanitary sewer main to the boundary of the property to be served shall be determined as the sum of the engineering fees, easement acquisition costs, and the construction costs including materials and labor for installation of the gravity portion of the sanitary sewer main. The final total cost shall be determined by the City's Director of Engineering with construction costs being based on unit bid prices previously approved and actual quantities installed and measured in the field. The estimated total cost is agreed to be \$\_\_\_\_\_. It is understood and agreed that the estimated cost is the maximum amount that the City will pay to the Developer. Expenditures not covered on the bid proposal form for which payment under this Agreement is desired, must be submitted as change orders by the Developer's engineer to the Developer, contractor and City's Director of Engineering in turn for approval.

7. Payment of the total cost for this sanitary sewer extension shall be the responsibility of the Developer.

8. Prior to placing the sanitary sewer main extension in service the registered professional engineer who prepared the construction plans shall certify in writing the actual quantities installed and measured in the field, that the engineering fees, as established and approved herein, were received and that construction meets all specifications and requirements of the City. The Developer's engineer shall provide the City with "record drawing" plans.

9. In consideration of the payment described in Paragraph 7 above, the City shall issue sewer tap certificates to the Developer. The number of sewer tap certificates issued shall be determined by dividing the total cost for the sanitary sewer extension, excluding the costs of pump stations and force mains, by three hundred dollars (\$300.00). (or other costs, excluding sewer plant expansion fees, for a single family residence as established in the ordinances on the date of execution of this Agreement by the City) and rounding to the next lower whole number. The sewer tap certificates so issued shall be negotiable as payment for sewer taps within the property to be served as described in Paragraph 1 above provided, however, they shall not be negotiable as payment of sewer plant expansion fees.

10. The City will charge each new connection a sewer tap fee, a sewer plant expansion fee and monthly sewer service charge according to the then applicable rates; provided, however, the sewer tap certificates issued hereunder may be surrendered in lieu of the then prevailing sewer tap fee charge for one single residential tap, or its equivalent, when used in multiples for commercial taps. It is understood and agreed that sewer service charges at rates set by City Ordinance shall commence 60 days after the date of the Sewer Service Permit, or on the date of connection to the system, whichever is earlier.

11. It is understood that present City policy is to provide sewer service to areas contiguous to the City only upon annexation of the area to the City. The Developer agrees that 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. The Developer agrees to execute simultaneous herewith a covenant, in recordable form and to run with the land, that requires the Developer, 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 City 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 extended only when such property is annexed to the City, all of which shall 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.

12. Construction of the sanitary sewer collection system to serve the interior of the property is the responsibility of the Developer. The interior collection system shall be installed according to plans and specifications submitted to, and approved by, the City's Director of Engineering; said installation to be under the supervision of the City's Director of Engineering. Construction of the sanitary sewer collection system may be accomplished concurrently with construction of the sanitary sewer main being extended to the boundary of the property to be served.

13. Such portions of the sanitary sewer collection system as may be approved and accepted by the City shall be deeded to the City, at no cost to the City, by the Developer. Said deed shall include such easements as necessary for ingress, egress, operation and maintenance.

14. Application for individual services, i.e., sewer taps, will be accepted upon completion of construction and:

a. Receipt and approval of deeds by the City's Director of Engineering. (Refer to Paragraph 13 above).

b. Receipt of properly prepared and certified "record drawing" plans. (Refer to Paragraph 8 above).

c. Receipt of Engineering Division Form 2, executed by the Developer, requesting acceptance of the sewer system.

d. Receipt of Engineering Division Form 3, Waiver of Lien, and list of materials installed, from the contractor installing the sanitary sewer system.

e. Receipt of certification from the Developer's engineer that infiltration/exfiltration is within limits specified in City Regulations.

f. Receipt of certification from the Developer's engineer of the actual quantities installed and measured in the field and that the engineering fees as established and approved herein were received.

g. Receipt of SCDHEC Permit to Operate.

h. Plumbing Permits for the structure for which application is being made have been issued by the appropriate Building Official/Inspections Department.

i. All requirements have been met for installation of the water meters in the project, or phase of the project if phasing has been approved. (Refer to Part 7 of the City of Columbia Regulations.)

15. The applications for service shall not be accepted for the subdivision, or phase of the subdivision if phasing has been approved, until all requirements of this Agreement have been met, the tap certificates referred to herein have been issued to the Developer, and the interior water and sewer systems have been deeded to and accepted by the City.

16. The terms and conditions of this Agreement shall be binding on the parties, their heirs, successors and/or assigns.

(CORPORATE SIGNATURE PAGE)

IN WITNESS WHEREOF, the undersigned have hereunto set their hands and seals on the date first hereinabove written.

WITNESSETH:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(NAME OF DEVELOPER)  
BY: \_\_\_\_\_

THE CITY OF COLUMBIA  
BY: \_\_\_\_\_

STATE OF SOUTH CAROLINA)  
COUNTY OF \_\_\_\_\_ )

ACKNOWLEDGEMENT

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_ by \_\_\_\_\_ of \_\_\_\_\_ on  
(Name of Officer and Title) (City and State)

behalf of the within-named Party.

\_\_\_\_\_

NOTARY PUBLIC FOR \_\_\_\_\_

MY COMMISSION EXPIRES \_\_\_\_\_

STATE OF SOUTH CAROLINA)  
COUNTY OF \_\_\_\_\_ )

ACKNOWLEDGEMENT

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_ by \_\_\_\_\_ of \_\_\_\_\_ on  
(Name of Officer and Title) (City and State)

behalf of the within-named Party.

\_\_\_\_\_

NOTARY PUBLIC FOR \_\_\_\_\_

MY COMMISSION EXPIRES \_\_\_\_\_

(INDIVIDUAL SIGNATURE PAGE)

IN WITNESS WHEREOF, the undersigned have hereunto set their hands and seals on the date first hereinabove written.

WITNESSETH:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(NAME OF DEVELOPER)  
BY: \_\_\_\_\_

THE CITY OF COLUMBIA  
BY: \_\_\_\_\_

STATE OF SOUTH CAROLINA)  
COUNTY OF \_\_\_\_\_ )

ACKNOWLEDGEMENT

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_ by the within-named Party.

\_\_\_\_\_  
NOTARY PUBLIC FOR \_\_\_\_\_  
MY COMMISSION EXPIRES \_\_\_\_\_

STATE OF SOUTH CAROLINA)  
COUNTY OF \_\_\_\_\_ )

ACKNOWLEDGEMENT

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_ by the within-named Party.

\_\_\_\_\_  
NOTARY PUBLIC FOR \_\_\_\_\_  
MY COMMISSION EXPIRES \_\_\_\_\_