

APPENDIX "C"

SEWER SERVICE LINE SPECIFICATIONS

Specifications prescribing materials and workmanship required by the District for sewer service line construction are as follows:

1. The contractor shall post a performance bond in cash, irrevocable letter of credit or surety bond in the amount of 100% of the total cost of any work in excess of \$25,000 with the District Manager or Clerk prior to commencement of work. Upon completion of the work to the satisfaction of the District's superintendent, said bond shall be returned. In the event that the work is not satisfactorily completed, the District shall be entitled to keep all or any portion of the bond to be applied toward the completion of the work to the Superintendent's satisfaction. *[Amended 2-14-2005]*

2. If the physical tap into the main is to be done by District personnel, the excavator shall give the District two (2) working days notice prior to the need for a tap.

3. Four inch (4") diameter gasketed joint pipe, a minimum of ASTM D-3034 specified PVC shall be used for service lines.

4. Service lines shall be constructed with as few changes in grade and angle as possible. When directional changes are required, angles greater than forty-five degrees (45°) shall not be permitted.

5. District personnel shall inspect the entire length of all service lines prior to backfilling. The excavator shall be required to re-expose any uninspected portion of service line. A minimum of twenty-four (24) hours' notice is required for inspection of service lines.

6. Imported bedding material shall be used as backfill; specifically, three quarter inch (3/4") washed rock, four inches (4") under, and twelve inches (12") over the pipe. Other imported bedding material may be used if approved by the Superintendent.

7. Clean-outs shall be installed on all service lines, with at least one (1) clean-out per one hundred feet (100') of line. The first clean-out shall be placed between the building drain and the service line.

8. No service line shall be constructed in such a manner as to allow cross connection.

9. The District recommendations concerning the proper installation of service lines include:

a. A minimum slope of one percent (1%) shall be used.

b. In areas where snow cover will not be removed during the winter, a minimum depth of five feet (5') to the bottom of the trench is recommended.

c. In areas where snow is removed, a minimum depth of seven feet (7') to the bottom of the trench is recommended.

10. 14 gauge, or larger, electrical wire shall be securely attached to the service line from the outside cleanout nearest the house to a metal rod at the property line.

11. Service laterals and fittings shall be six (6) inches in diameter. Water tight factory-made plugs shall be installed at the end of each service lateral until such time as a building sewer service line is attached thereto. A service lateral may be used to provide service to no more than two individual four (4) inch building service lines. In this case, a six (6) inch by four (4) inch double wye must be installed at the right-of-way line in accordance with the detail contained in Appendix E attached hereto and incorporated herein by reference. Service laterals shall belong to the District once having been installed by the owner at the owner's expense and accepted by the District, and shall become a part of the District's public sewer collection system.