

PART I

GENERAL INFORMATION

A. PURPOSE

These construction specifications of the Albemarle County Service Authority cover general terms of contracts and material specifications for water and sewer utilities to be incorporated into the Authority's network.

Requests for additional information or clarification shall be directed to the Director of Engineering, Albemarle County Service Authority, P. O. Box 2738, Charlottesville, Virginia 22902.

If any section, subsection, sentence, clause or phrase of these specifications is held to be invalid, it shall not affect the validity of any other part of these specifications.

No statement or regulation contained in this publication shall be construed to interfere with any additional requirements which may be imposed by the Virginia Department of Health (VDH) or the Virginia Department of Environmental Quality (DEQ).

In the event of any deviation between these specifications and applicable rules and regulations of the VDH or the DEQ, it shall be understood that the rules and regulations of said State agencies shall prevail.

B. DEFINITIONS

Unless the context specifically indicates otherwise, the meaning of terms used herein shall be as follows:

AASHTO - American Association of State Highway

Transportation Officials.

ANSI - American National Standards Institute.

ASCE - American Society of Civil Engineers.

AWWA - American WaterWorks Association.

ACSA or Authority or Service Authority - The Albemarle County Service Authority, including its governing and operating bodies and designated agents. Any office referred to solely by title (e.g., Executive Director, Director of Engineering) shall be the person retained in this position by the Authority.

As-Built - Construction plans and details that have been edited after construction to reflect accurate locations and features of all appurtenant utilities.

Board - The Board of Directors of the Albemarle County Service Authority.

Building Sewer - The extension from the building sewage drain to the public sewer.

Construction Approval - A letter issued by the Authority to a developer which authorizes him to construct facilities for which the design plans and specifications have been approved by the Authority.

Contractor - Any person(s), firm, group or affiliates responsible for constructing the facilities described in the Authority's General Water and Sewer Construction Specifications.

County - The County of Albemarle, Virginia, its governing and operating bodies and designated agents.

DEQ - Department of Environmental Quality (formerly SWCB).

Developer - Any person, firm, corporation or association having an interest in constructing improvements to alter the use of land. Of particular interest to these specifications are developers constructing facilities to be dedicated to public use within the jurisdictional area of the ACSA.

Normal Domestic Sewage - is that in which the concentration of

suspended materials and B.O.D. is established at 240 parts per million each, on the basis of the normal daily contribution of twenty hundredths (.20) pounds per hundred (100) gallons per capita.

OSHA - Occupational Safety & Health Administration.

Public Sewer - A sewer in which all owners of abutting properties have equal rights, and which is controlled by the Service Authority.

RWSA - The Rivanna Water & Sewer Authority, its representatives and designated agents.

Sanitary Sewage - That water carried waste which derives principally from dwellings, business buildings, institutions, industrial establishments and the like, exclusive of any storm and surface waters.

Sanitary Sewer - A sewer that has its use limited to sanitary sewage and to which storm, surface and ground waters are not intentionally admitted.

Sewage Works - All facilities for collecting, pumping, treating and disposing of sewage.

Shall or Will - Are mandatory; may is permissive.

VDH - Virginia Department of Health - Office of Water Programs.

VDOT - Virginia Department of Transportation.

VMRC - Virginia Marine Resources Commission.

C. RESPONSIBILITY

The Authority is responsible to enforce these regulations and standards to ensure development of utilities in accordance with these specifications.

The developer is responsible to employ reliable contractors with

sufficient skills and experience to perform all work in an acceptable manner relative to the facilities herein described. Failure to do so may result in work stoppage and/or refusal by the Authority to accept the project as part of its system. It is recommended on large projects that the developer and/or consultant hold a preliminary conference with the Authority regarding the project prior to its design phase.

The contractor is responsible to ensure the safe and proper construction of the facilities herein mentioned. If any person is in doubt as to the true meaning of any part of these specifications, a written request shall be submitted to the Authority for interpretation. Any questions concerning the standards shall be governed by the final decision of the Authority.

The consultant is responsible for design and submission of the proper number of plans and specifications for the proposed work.

The Authority reserves the right to make adjustments in types of materials and methods of construction required, should field inspections reveal unforeseen and/or unfavorable conditions for installation of the utilities.

All work relative to connecting the systems shall be performed by the contractor or Authority work forces. All related costs shall be the responsibility of the contractor and/or developer, unless specifically preempted by a formal contractual arrangement.

D. UNDERGROUND UTILITY DAMAGE PREVENTION ACT

In accordance with the Underground Utility Damage Prevention Act and specifically Section 56-265.17 of the Virginia Code, no person shall begin excavation or demolition without making required notification.

"Miss Utility" of Virginia is the notification control center and can be reached at 1-800-552-7001 for most utilities. 48 hours notice is required.

E. REGULATIONS OF OTHER AGENCIES

In addition to the regulations herein, utility designs shall comply with the following:

1. The Commonwealth of Virginia, State Board of Health Waterworks Regulations, effective November 15, 1997 or most current edition.
2. The Commonwealth of Virginia, Department of Health and State Water Control Board Sewerage Regulations, effective February 1, 1977, or latest revision.
3. Local and State Building Codes and Ordinances.
4. Any utility crossing navigable streams must meet the requirements of the Army Corp of Engineers, DEQ, and Virginia Marine Resources Commission (VMRC). A joint permit application should be made to VMRC for review by these agencies.