

RE: Carroll Water and Sewer
Report
Drinking Water Program
Ottawa County
PWS ID: OH6205111

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FEB 28 2017

DDAGW - NWDO

CARROLL WATER AND SEWER DISTRICT

CONSTRUCTION AND MATERIALS, STANDARD DRAWINGS

WATER MAINS

MARCH, 1998.

Hydrants shall conform to AWWA C-502, latest revision. The manufacturer shall furnish an affidavit indicating that all tests and provisions of AWWA C-502 have been met. The following makes and models of fire hydrants will be permitted:

Mueller, A-423, Super Centurian 200

Clow, Medallion

American-Flow Control, B-84-B

Kennedy, Guardian

Fire hydrant extensions necessary to set the hydrant ground ring at finished grade shall be furnished, installed, and paid as part of this item of Work.

Each hydrant shall be given two (2) coats of good weatherproofing paint before leaving the factory and another after erection. The portion of hydrant below ground shall be painted with black paint and the portion above the ground shall be painted red with a white bonnet.

5. SERVICE CONNECTIONS

The Contractor shall construct individual service connections to the road right-of-way line or the easement line for each lot or parcel shown on the plans. Service connections shall not be less than 3/4 inches in diameter.

5.1 Service Lines -- Polyethylene pipe conforming to AWWA C-901 shall be used for all service lines unless otherwise noted. The pipe shall be rated for use with water at 73.4 F at a maximum working pressure of 200 psi based on ASTM D2837. Pipe shall be copper tubing size (CTS) with a standard inside dimension ratio (SDR) of SDR-9 and shall conform to ASTM D2737 for average inside diameter, minimum wall thickness and tolerances for cross section. Pipe shall be equal to Driscopipe 500 Ultra-Line, as manufactured by Phillips Driscopipe, Inc., or approved equal.

5.2 Saddle -- All services shall have brass service saddles of the size specified on the plans. Service saddles shall have AWWA threads and shall be H-13000 Series as manufactured by Mueller, or approved equal.

5.3 Corporation Stops -- All services shall have a brass corporation stop of the size specified. Corporation stops shall have compression type connections and shall be Model H-15008 as manufactured by Mueller, or approved equal.

6. PITSETTERS

6.1 General -- A pitsetter shall be placed at the end of all service lines in a new subdivision. The plastic pitsetter shall be a complete pre-assembled unit designed to be installed in a horizontal run of piping that shall place the meter in the correct horizontal position. The plastic pitsetter shall consist of a PVC pit tile, a meter setting device with copper risers, and

Carroll Water & Sewer District

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February 8, 2017

The Carroll Water and Sewer District is a newly formed District that became operational in October of 1998. Since it is a new district, all portions of the system were newly installed. It was required by the District that all service lines be HDPE (see attachment). All service lines were inspected by the District prior to the service becoming operational to verify all District requirements were met. We therefore have no lead service lines in our District. The District is also undergoing a meter replacement program that will insure the meters are lead-free.

The District is comprised almost entirely of single-family dwellings. There is one group of condominiums and a few scattered businesses in the District. Many of the homes are seasonal residences that are occupied only on weekends during the summer. The locations that were chosen for sampling were all single-family residences that were the best available sites where the resident was willing to participate in the sampling program.

Charles Wargowsky
Assistant Superintendent/Distribution Manager

