



June 29, 2016

To: Developers, Contractors, Consulting Engineers, and Other Interested Parties:

At the Virgin Valley Water District's June 22, 2016, Board meeting, the Board approved the revisions to the District's Design Standards and Specifications (see attached). Items you should be aware of include:

Section III, Improvement Plan Requirements and Submittals

- F. Requirement for fire hydrant testing by a third party tester on new hydrant installations.
- H. District plan notes have been updated. All new plan sets shall include the new notes.

Section IV, Water System Capacity and Pressure

- C. Pressure and flow modeling shall be provided at the developer's expense for any development of 10 EDU's or greater.

Section V, Material Standards and Handling

- C. Corrosion Protection requirements.

Section VI, Water Mains, Infrastructure, and Appurtenances

- B.1. All water pipes 12" in diameter and larger that will provide water at pressures greater than 100 psi shall be ductile iron pipe.
- B.3. All buried ductile iron pipe shall be poly wrapped.
- B.4. PVC pipe requirements for pressures less than 100 psi and shall meet the requirements of DR-14 Class 200 pipe.
- B.5., D.2., and D.4. Imported sand backfill required.

Section VII, Service Laterals and Related Improvements (1-2 Inch)

- Standard for 1" to 2" service lateral pipe is now PE4710 SIDR 7 (250psi rating).

Section VIII, Fire Hydrants, Valves, and Appurtenances

- A.1. Public fire hydrants will be yellow. Private fire hydrants will be red.

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Section X, Testing and Disinfection

- C.2. After pipe installation, all pipe will be pressure tested at 200 psi for two hours.

Section XI, Temporary Construction Water

- Only District hydrant meters are allowed on fire hydrants for construction water (no more private hydrant meters).

Updated Standard Drawings

- Drawing 1.1. Tracer wire location has changed.
- Drawing 3.1. 3" or larger meters will be above ground now.
- Drawing 9.0. Air vac valve detail has changed.

We appreciate the hard work and patience of all those that participated in the revamping of the new Standards.

Sincerely,



Kevin W. Brown
General Manager, VVWD

Encl.