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To: All Architects, Builders, Developers, Engineers, and Surveyors Practicing in Fairfax County

Subject: Updates to Fairfax Water's Construction Practice Manual

The Fairfax Water (FW) Construction Practice Manual has been updated. The changes are consistent with standard specifications updates and are highlighted below as follows:

- **Section 1330 Submittals** - adds a Professional Engineer (P.E.) certification form.
- **Section 2315 Excavation, Backfilling, and Compacting** - consistency with FW standard details.
- **Section 2510 Water Mains and Appurtenances** – revisions for additional standards references including zinc and fusion-bonded coatings.
- **Section 2514 Leakage Tests** - adds Butterfly Valve leakage testing requirements.
- **Section 3300 Cast-In-Place Concrete** - adds minimum concrete shoring times information.
- **Section 3400 Precast Concrete** – adds details for vaults.
- **Section 5500 Metal Fabrications** – adds details related to vault access doors.
- **Section 9900 Coatings** – incorporates new details and provides consistency with FW standard specifications.
- **Section 13110 Cathodic Protection** –various updates for consistency with FW standard specifications.
- **Multiple Sections** - editorial changes to update FW reference and contact information.

All water main construction, testing, and sampling shall comply with the requirements and specifications of Fairfax Water, including the newly updated Fairfax Water Construction Practice Manual, which may be found on the Fairfax Water website at:

<https://www.fairfaxwater.org/developers-engineers>

A handwritten signature in black ink, appearing to read "Ross Stilling".

Ross K. Stilling, P.E.
Chief, Plan Review