

As-Built Submittal Requirements

The following is an outline of the Town of Fuquay-Varina's requirements for utility (water/sewer/stormwater) and Stormwater Control Measure (SCM) as-builts. Submittal document requirements and overall process are included. See also TOFV Stormwater Requirements on the [website](#) for further information on stormwater completion requirements for final plats and permit completion.

As-Built Water and Sewer Certifications – Send copies to cphillips@fuquay-varina.org.

- Submit PDF copies of Engineer's Certifications for water and sewer (as applicable)
- See also *TOFV Engineering Preconstruction Meeting Agenda* on the [website](#) for further details.
- Building permit COs and Final Platting will be held for outstanding water and sewer certifications.
- Link to state's water permit database to lookup existing:
<https://pws.ncwater.org/prism/pages/plandata.aspx>

As-Built Record Drawings - Send as-builts to cphillips@fuquay-varina.org for inspection and review.

- **Submittal Material Requirements**
 - PDF of record drawings
 - CAD file (.dwg) with surveyed utilities, georeferenced
- **Engineer's Seal** - As-built records should be signed and sealed by the project engineer who oversaw the construction and/or provided the design.
- **Utility As-Built Required Elements**
 - As-builts must include all public and private utility features, located by a licensed professional surveyor, including stormwater, potable water, and sanitary sewer features (pipes, manholes, catch basins, etc.). Essentially, all water/sewer/stormwater features on the approved construction drawings are required to be shown in surveyed, as-built condition.
 - Plan and profile views of the waterline and sewer lines should be shown. Stormwater profiles (by themselves) are not required, but stormwater features must be shown on profiles where water or sewer lines are present to indicate proper vertical distance requirements are met. All public and private stormwater features must be surveyed and shown.
 - Note as-built linear feet, % slope, diameter, and material, either in a table, or as annotation, for all pipe segments.
 - Updated approved construction plans with strikethroughs or redlines, to show the original planned features have been updated for as-built conditions and field changes is acceptable. When utilizing redlines, a color should be chosen for as-built conditions that allows for legible review.



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- If the drawings represent project phase(s), clearly demarcate what is previously existing, newly as-built, and not yet constructed via annotation, or redline/bubble, or greying out features, etc.
- **SCM As-Built Required Elements**
 - Elevations shown on approved construction drawings SCM detail sheets are required to be shown on the as-builts. As-built should also note required and actual SCM surface area and volume.
 - Updated approved construction plan sheets with strikethroughs or redlines, to show the original planned features have been updated for as-built conditions and field changes is preferred. When utilizing redlines, a color should be chosen for as-built conditions that allows for legible review.
- **As-Built Review** - As-built reviews require inspection by Engineering Staff and quality control review by GIS staff.
 - Resubmittals and/or corrective actions in the field may be required following review and inspection.
 - Building permit COs and Final Platting will be held for outstanding as-built elements.

See also *Town Standard Specifications (030.03.03 Record Drawings)* and *TOFV Land Development Ordinance, §9-1405 STORMWATER MANAGEMENT REGULATIONS*

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