



ENGINEERING AND ENVIRONMENTAL SERVICES

Utilities Division

5926 NC Hwy 55 East, Durham, NC 27713

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To: All Development Community Members, Contractors, Consultants and Development Design Professionals Practicing in Durham County, NC

From: Vince Chirichella, PE
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Engineering and Environmental Services
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Durham, NC 27713

Subject: Notification to Industry 02/05/2020:
Construction Plan and As-Built Review Process – Revision 1

NOTIFICATION

Construction Plan and As-Built Review Process:

The Consultant shall prepare Construction Drawings and As-Built submittals in accordance with the guidelines below. Submittal packages shall be delivered to the Durham County Utilities Division located at the 5926 NC Highway 55 East, Durham, NC 27713. All submittals received by end of business Friday will be reviewed for completeness (triage process) by end of business the following Monday of each week. Incomplete submittals will cause the entire submittal to be rejected from the review process. An email will be sent to the Consultant and Project Owner providing notice of the rejected submittal. **ALL** submittals will be reviewed in order of how they were submitted.

Construction Drawing submittal package shall contain the following items:

- One (1) completed original Durham County Sewer Connection Application.
- Plan Review Fee payable to Durham County (see Fee Schedule).
- Two (2) full size copies of Construction Drawings prepared in accordance with the Approved Site Plan and the Durham County Sanitary Sewer Design Standards.
 - If Construction Drawings are being submitted for re-review, include responses to Durham County comments and the re-review fee of \$150 payable to Durham County.
- Complete NCDEQ Sewer Extension Permit Applications (as applicable). Permit application submittals must include all required documents except the \$480 check.
- Plumbing Plans (as required). If Plumbing Plans are delivered as a separate submittal an additional review fee will be due.
- Sanitary Sewer or Grease Trap calculations (as required).
- Industrial Waste Survey (IWS) Short Form (as required). This form is required for all commercial and industrial projects.

As-Built submittal package shall contain the following items:

- Two (2) copies of the As-Built plans and profiles.
- One (1) CD or Flash Drive with Sanitary Sewer Video Inspection. Each CD or Flash Drive shall be attached to an 11x17 print of the Overall Utility Plan with the As-Built pipe segments highlighted.
- One (1) completed original Engineering Certification for the public sewer and one (1) completed original Engineering Certification for the private sewer.
 - Partial Certifications: indicate which phase and total length of sewer included with the certification.
 - Full Certifications: indicate full certification and provide As-Built plans and profiles for all phases.
- A CD or Flash Drive that includes a PDF of the as-builts, the CAD file, and a text files with infrastructure locations (structures and pipes) as shown below. If project includes public and private sewer, infrastructure locations shall be separated into multiple text files identified as such.
 - Structure: (ID,TYPE,EASTING,NORTHING,ELEVATION,INVERT,MATERIAL)
 - Pipe: (ID,SIZE,MATERIAL,USID,DSID,USINV,DSINV,SLOPE,LENGTH)
- Any applicable recorded easement plats.

The requirements state herein are effective immediately. If you have any questions relating to this notification, please contact:

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