



## ENGINEERING AND ENVIRONMENTAL SERVICES

### *Utilities Division*

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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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**Subject:** Notification to Industry 12/09/19:  
Sanitary Sewer Joint Inspection

### NOTIFICATION

#### **Sanitary Sewer Joint Inspection**

According to manufacturer's specifications, over insertion of the beveled spigot end into the bell end will reduce or eliminate the flexibility of the joint. Elimination of the joint flexibility along with uneven settlement or additional loading will cause the joint to leak or crack. To prevent over-insertion, pipe manufacturers have "reference marks" on the spigot ends of pipe.

To ensure the sewer pipe has been installed correctly, Durham County is requiring the visual inspection of all pipe joints to ensure the "reference mark" is flush with the bell end of pipe. To assist in securing pipe segments for proper joint assemblage, backfill may be placed on the pipe segments while leaving the joints visible for inspection. The Contractor shall schedule an Inspection during normal Durham County business hours. All pipe segments must be complete from manhole to manhole to schedule an inspection. No partial pipe segments shall be inspected. Contractor must take care to protect all open trenches for safety and weather conditions. Contractor is also responsible to ensure the inspection area is safe to access and is traversable by foot.

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

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