

SCBSZ
9/1/2023

MEMORANDUM

Attention: City of Raleigh
Public Utilities
One Exchange Plaza, Suite 620
Raleigh, NC 27602

From: Samuel R. Nye, PE

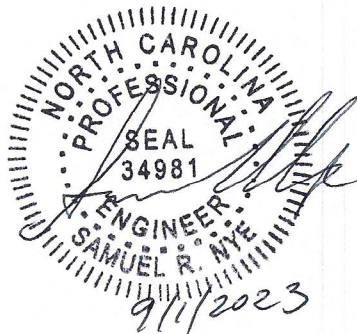
Project: Parkview Townes
0 East Barbee Street
Zebulon, NC

Subject: Proposed structures adjacent to new sanitary sewer easement

Justification for work within the New 30' Sanitary Sewer Easement

During the initial design for the site, we made sure to keep in mind that the City of Raleigh would need to be able to safely excavate within the easement to access, inspect, repair, and/or replace the existing pipe without diminishing the structural integrity of the proposed structure on lot 1. Being so, we utilized the proposed sanitary sewer line as a constraint when determining the placement of the structure on lot 1. We have proposed a 30' sanitary sewer easement for the pipe that will allow for excavation to safely take place. The depth of the pipe at SSMH 5A is 4' and the depth of the pipe at SSMH 5 is 8'. With that said, evacuation can safely take place with the use of trench boxes, therefore making the >15' separation between the proposed sanitary sewer line and the structure on lot 1 adequate.

Thank you,



Samuel R. Nye, PE
Principal
The Site Group, PLLC

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