

Mark E. Jones, PE

Structural Engineering and Design

July 13, 2025

Jonathan Van Griffin Jr.
1841 Kauri Cliffs Dr.
Fuquay-Varina, NC 27526

Ref: Site Observations and Analysis
79 Mill Bend Dr.
Fuquay-Varina, NC
Project No: 25-037

To Whom it may concern;

The above referenced site was observed on July 11, 2025, to address the following structural concerns:

1. Engineer to evaluate allowed fill at porches.

Based on observations and analysis, the conclusions regarding the structure are:

1. The plans for the referenced house specified concrete slabs on fill for the front and rear porches. The foundations for the front and rear porches are up to 64"-67" in height from the top of the footings. All foundation walls are filled solid and 12" wide. The contractor may fill both porches with #57 stone.

Note that the contractor shall provide #4 rebar embedded in the foundation 12" and turned into the slab 24" at the exterior walls of the rear porch.

Thank you for this opportunity to assist you. If you have any questions or need any further assistance, please do not hesitate to call.

Respectfully,



Mark E. Jones, PE

