



Date: September 9, 2025

To: Tyler Appel
Drees Homes
8521 Six Forks Road, Suite 500
Raleigh, NC 27615

Re: 25-FTG-135.1
Footing Projection Concerns
Lot 141 Tobacco Road
234 Crop Rd.
Angier, NC 27501
Permit No.: SFD2508-0031

Mr. Appel:

At your request, a site visit was made to the above referenced single family residence under construction to inspect several footing projection concerns noted by the county inspector.

Observations:

1. Several 16"x16" CMU piers were not located within the center one-third of the footings; however, the piers were verified to have at least 2" of footing projection at all sides.
2. Foundation walls were found to have less than 2" of footing projection at the following locations:
 - a. A +/-3'-0" section at the front side of the rear foundation wall in the one-car garage.
 - b. A +/-2'-0" section at the rear side of the rear foundation wall in the two-car garage.
 - c. A +/-2'-0" section at the rear side of the front foundation wall between the front porch and garage.
 - d. The rear side of the foundation wall at the right rear corner of the front porch.The above noted walls were verified to have full bearing on the footing below.
3. Several CMU piers were found to have footing projection exceeding the thickness of the footings.

Analysis and Recommendations:

1. Analysis revealed the "as-built" pier and footing configurations are adequate and require no modifications.
2. Analysis revealed the "as-built" foundation and footing configurations are adequate and require no modifications.
3. Analysis revealed the "as-built" pier and footing configurations are adequate and require no modifications.

Please contact us if you have any questions.

Respectfully submitted,
Hayes Structural Consulting & Design, PLLC



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by Zachary H.
Hayes, PE
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Garrett Scott
Structural Engineering Technician
(919) 980-2756
garrett@hayesstructural.com

Zachary H. Hayes, PE
President & Principal Engineer
(919) 210-3480
zach@hayesstructural.com