



HAYES STRUCTURAL

Consulting & Design, PLLC

1501 Lakestone Village Ln. #103
Fuquay-Varina, NC 27526
NC Firm License No.: P-2854
VA Business Entity License No.: 009365

Date: September 24, 2025

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

Re: 25-FTG-137.1
Footing Projections
Lot 142 Tobacco Road
216 Crop Rd.
Angier, NC 27501
Permit No.: SFD2508-0046

Mr. Appel:

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

Observations:

Several 16"x16" CMU piers were not located within the center one-third of the footings and have projection exceeding the thickness of the footings on at least one side. However, all pier footings were verified to have a minimum 2" projection at all sides.

Analysis and Recommendations:

Analysis based on the soil bearing capacity, pier footing sizes, and resultant forces imposed by the piers onto their footings revealed the "as-built" pier and footing configurations are adequate. No footing or foundation modifications are required.

Please contact us if you have any questions.

Respectfully submitted,
Hayes Structural Consulting & Design, PLLC



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by Zachary H.
Hayes, PE
Date: 2025.09.24
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