

Date: 06/10/2024

To: **Ryan Coombs**
HHHunt Homes
11237 Nuckols Rd
Glen Allen, VA 23059
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919-452-6278

Re: **Footing Projection Issue**
Location: Lot 52 Magnolia Acres (72 White Magnolia Lane Fuquay-Varina, NC)
JDS Project No.: RDU2405923
Date of Inspection: 06/10/2024

A representative of JDS Consulting arrived on site to observe the issues reported to us by the client, which are presented, along with our recommendations, in this report.

Observations

The client requested an evaluation of (2) piers located along the right wall, 1st and 2nd from the rear wall. The plans called for the piers to be 16" x 8". Due to the height, they were made 16" x 16", not giving them minimum 2" projection on the left side.

Recommendations

Based on our observations and review, Extend the footing at the left side of the footing per these steps:

1. Excavate all fill at the left side of the footing the full depth, and a minimum of 8" from the face of the existing footing to be extended.
2. Dowel (3) #4 rebar equally spaced into the left face of the existing footing. Dowels should be placed at least 4" into footing and extend 4" into a newly excavated footing. Penetrations into concrete should be cleaned with compressed air and/or wire brush and the dowels should be installed into the existing footings using enough epoxy to be seen seeping out of the holes. Provide 3" minimum of clear cover for all rebar.

Before placing a minimum of 3,000 psi concrete, the client shall insure the repair preparation has been inspected and approved.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 980-240-5681.

Respectfully Submitted,
Elisha Harris



Reviewing Engineer:
Maxwell C. Danskin, PE