

**Date:** 10/26/2021

**To:** **Kenny Gwinn**  
KB Home  
4506 S Miami Blvd  
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**Re:** **Crawl Space 3<sup>rd</sup> Party Foundation Inspection**  
Location: Lot 10 Highland Grove (354 Windy Farm Dr. Fuquay-Varina, NC)  
JDS Project No.: RDU2111142  
Municipality: Fuquay Varina  
Date of Inspection: 10/25/2021  
Permit No: 21040017

### Observations

A representative of JDS Consulting arrived on site to inspect the Crawl Space foundation as requested by the client.

- Perimeter walls have a minimum 2" projection on both sides.
  - On site, the foundation has been backfilled preventing full evaluation of foundation projection. Approximately (19) locations have been dug back exposing the footing below. Projection was verified at (19) locations with use of a probe rod.
- Piers are properly sized and placed per the structural drawings.
- All piers bear on the middle third of the pier footings.
  - Pier location on footings could not be verified. (1) face of each pier has been exposed in lieu of (4) as depicted on the approved marked up foundation sheet.
- All mortar joints have been struck or tooled and have proper consolidation.
- Unbalanced fill conditions for the porch and garage are acceptable.
- Anchor bolts could not be verified at sill plates or garage wingwalls.

### Recommendations

Based on our on-site observation and review, the contractor should expose foundation piers as described on the approved marked up foundation page provided by JDS Consulting.

### NOTE:

The footings and foundation were constructed at time of inspection. This was a limited visual inspection of the foundation already in place. Construction methods used at garage wingwalls could not be verified. The municipality should provide verification or documentation that the garage wingwalls has minimum (2) 5/8" threaded rod in lieu of the details in the permitted plans because the municipality approved the framing.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 984-220-0605.

Respectfully Submitted,  
Jackson Hawkins

Reviewing Engineer:  
Jonathan Crouch, PE

