

Date: 10/16/2020

To: **Brian Dushan**
KB Home
4506 S Miami Blvd
Durham, NC 27703
bdushan@kbhome.com
910-915-0510

Re: **Helical Pier Installation Verification and
Crawl Space and Rear Deck Footing
Preparation Inspection**

Location: Lot 11 Mason Pointe
48 Rawls Farm Lane, Fuquay-Varina, NC
JDSfaulkner Project No.: RDU2009581
Municipality: Town of Fuquay Varina
Date of Inspection: 07/31/2020;
08/07/2020; 10/2/2020; 10/14/2020

Observations:

A representative of JDSfaulkner arrived on site to inspect the crawl space and rear deck footing preparation as requested by the client.

- Helical piers installed per plan.
- Grade beams are sized (width, depth, and length) and installed per plan.
- Strip Footings are sized (width, depth, and length) and installed per plan.
- Pier Footings are sized (width depth, and length) and located per plan.
- Lug Footings are sized (width, depth, and length) and located per plan.
- Reinforcement is installed per plan.
- Footings are clean and free of organic material and excessive moisture.
- Soil bearing capacity was tested and approved by JDSfaulkner.

Recommendations:

Based on our on-site observations and review, the helical piers have been adequately prepared in accordance with the alternate foundation plan and details designed by JDSfaulkner (Project #20901426 dated 08/25/2020). Based on our on-site observations and review, the crawl space and rear deck footings have been adequately prepared in accordance with the builder provided plans and details. Sheets S.30B (dated: 07/14/2020). Additionally, the footings are installed in accordance with 2018 NCRC section R403.1, and the site is ready for concrete placement.

Note: adequate and additional reinforcement was added at the left rear where the helical piers were not located per plan.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 919-218-4421.

Respectfully Submitted,
Samantha Grygoruk
JDSfaulkner

