

Date: 11/23/2021

To: **Robert Mills**
KB Home
4506 S Miami Blvd
Durham, NC 27703
remills@kbhome.com
919-619-6461

Re: **Monolithic Slab and Preparation Inspection**
Location: Lot 33 Highland Grove (14 O'hara Court Fuquay-Varina, NC)
JDS Project No.: RDU2112331
Municipality: Fuquay-Varina
Date of Inspection: 11/23/2021

Observations

A representative of JDS Consulting arrived on site to inspect the monolithic slab foundation preparation after placement of concrete as requested by the client. The structural components, reinforcement, and vapor barrier were verified by means of exploratory drilling with a handheld rotary hammer drill and from pictures taken during the soil testing. The following was observed:

- Perimeter footings are sized (width, depth, and length) and installed per plan.
- Thickened slabs are sized (width, depth, and length) and located per plan.
- Slab thickness meets the minimum requirements.
- Vapor barrier been properly installed.
- Lug /point load footings are sized (width, depth, and length) and located per plan.
- Perimeter insulation has been installed.
- Soil bearing capacity was tested and approved by JDS.

Recommendations

Based on our on-site observations and review, the monolithic slab has been adequately prepared in accordance with the approved permit plans and details. Additionally, the footings are installed in accordance with 2018 NCRC, sections R403.1 and R506.

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

