

Date: 09/29/2020

To: Marty Crawford
KB Home
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Durham, NC 27703
smcrawford@kbhome.com
910-915-0510

Re: 3rd Party Foundation Inspection
Location: Lot 10 Mason Pointe (76 Rawls
Farm Lane, Fuquay-Varina, NC)
JDSfaulkner Project No.: RDU2009270
Date of Inspection: 09/29/2020

A representative of JDSfaulkner 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 a third-party inspection of the crawlspace foundation. The following was observed:

- The final grade could not be determined in multiple locations. Multiple locations appear to exceed unbalanced fill maximums.
- Maximum 8" CMU wall height measured from the top of the footing to the top of the wall was approximately 81" located at the rear porch.
- Maximum 12" CMU wall height measured from the top of the footing to the top of the wall was approximately 80" located at the rear garage wall.

Recommendations:

Based on our on-site evaluation and review, the contractor should do the following:

- In all locations where walls are comprised of 8" CMU's and unbalanced fill is projected to exceed 48", the contractor should fill the wall solid. A solid 8" CMU wall may have an unbalanced fill maximum of 60".
- In all locations where walls are comprised of 12" CMU's and unbalanced fill is projected to exceed 60", the contractor should fill the wall solid. A solid 12" CMU wall may have an unbalanced fill of 72".

If you have any questions or if I can be of further assistance to you on this project, please contact me at 919-548-0978.

Respectfully Submitted,
Patrick Kurtz
JDSfaulkner

Reviewing Engineer:
Drew Alexander, PE

