



October 5, 2021

Smith Douglas Homes
2520 Reliance Avenue
Apex, NC 27539

**Subject: Stemwall Repair
Cane Mill Lot 21
Coats, NC
SUMMIT Project No. 3832.T0009**

SUMMIT Engineering, Laboratory & Testing, Inc. (SUMMIT) was contacted by Ashley Turner on behalf of Smith Douglas Homes to address a damaged area of stemwall foundation for lot 21 Cane Mill.

An area approximately 16 to 24 inches in length and approximately 12 inches tall has been damaged by grading equipment. The damage is located on the left side of the residence, approximately 15 feet from the front corner. The foundation at this location is approximately 16 inches above grade. The damage has been repaired by the contractor by fully grouting the damaged cells.

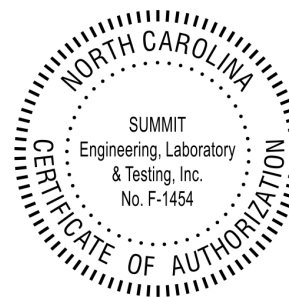
Based on our assessment, this repair is acceptable to carry the anticipated loading of the structure.

For the condition referenced above, the foundation at this location satisfies the intentions of SUMMIT and the applicable structural provisions of the 2018 North Carolina Residential Building Code.

Closing

Opinions, conclusions, and recommendations made in this report are based solely on the performance observations made during the structural analysis pertaining to the scope of work as stated in the opening paragraph of this report. Performance standards are based on minimum building code requirements and the knowledge of our staff as gained through experience and professional training. We appreciate the opportunity to assist you in this phase of your project and look forward to assisting you on future projects if possible. If you have any questions please do not hesitate to contact us.

Sincerely,
SUMMIT



Henry Kuehr-McLaren
Structural Project Manager

Christopher T. Blackwell, PE
Structural Project Engineer