CRITERIUM® GILES ENGINEERS

1150 SE MAYNARD ROAD, SUITE 220
CARY, NC 27511
PHONE 919-465-3801
FAX 919-465-3802
NC LIC. NO.: C-2871

December 9, 2015

Mr. Chip Mack

Re: Limited Structural Inspection
1909 Topsfield Court
Raleigh, NC

Dear Mr. Mack:

At your request, a limited structural inspection of the above property was performed on July 9, 2014. In a limited structural inspection report dated July 11, 2014, we made recommendations to stabilize the front left corner of the attached garage, stabilize a section of the rear perimeter wall and install additional support to an existing girder under the kitchen area.

A representative of Criterium-Giles Engineers was on site December 8, 2015 to inspect the implemented improvements that were recommended in the aforementioned report dated July 11, 2014 for the subject property referenced above. The helical pier installer/contractor (Foundation Xperts) provided the field data worksheet dated October 30, 2014 for work performed at the subject address stated above. According to the pier installation log, helical piers were installed to depths ranging between 42 – 60-feet in depth with final bearing capacity of 2,400 pounds per square inch for the installed piers. Based on the visual inspection of improvements and a review of the helical pier installation log provided by Foundation Xperts, the piers are constructed correctly to adequately distribute vertical loading from the perimeter foundation.

In addition, additional auxiliary support in the form of (4) 8x16-inch concrete masonry piers under the rear girder spanning left to right under the kitchen area have been adequately installed per recommendations provided in the previous submitted report.

In summary, the structural repairs completed are in accordance with our original inspection letter dated July 11, 2014 and are considered structurally adequate. No further repairs are needed at this time.

CONCLUSION

We trust that this report provides the information you require. Please contact us (919) 465-3801 if you have any questions. Thank you for the opportunity to be of assistance to you.

Sincerely,

NORTH CAROLINA PROFESSIONAL SEAL 038804 ENGINEER DANIEL L. SPIVEY

Daniel L. Spivey, PE
Project Engineer
Criterium-Giles Engineers, PA
NC Lic. No. C-2871

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