



November 21, 2019

George Patrick

Re: Limited Structural Re-Inspection – Letter of Approval
8116 Brookwood Court
Raleigh, NC

Dear Mr. Patrick:

We inspected the structural repairs of the rear deck at the subject home on November 18, 2019. The purpose of the inspection was to determine if the structural repairs were installed per recommendations outlined in the previous inspection report dated August 29, 2019. The following itemizes our review of the repairs:

- 1) With regards to recommendation #1, the existing 10'-2" girder span consisted of a 4-2x10 member and was attached to the posts per the previous report.
- 2) With regards to recommendation #2, the floor joists were fully sistered for the full length with new 2x8 members. Alternatively to attaching the floor joists to the deck ledger board with joist hangers, a 2x2 ledger board was installed with (3) nails per joist.
- 3) With regards to recommendation #3, the lateral bracing of the deck consisted of 4x4 posts attached at each end with 5/8" diameter bolts.
- 4) With regards to recommendation #4, ledger LOK screws at the location of the bay window were installed per the recommendation in the previous report.
- 5) With regards to recommendation #5, new concrete footings were installed in lieu of adjusting the CMU block footings.
- 6) The repairs described above meet or exceed the recommendations in our previous report. The above-listed determinations were made in accordance with the 2018 edition of the North Carolina Residential Building Code. No additional structural repairs are required.

We trust that this letter 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,



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