



March 25, 2024

RJ Crawlspace Repairs
c/o Dago Berto

Re: Limited Structural Re-Inspection
270 Wiggins Road
Louisburg, NC

Dear Mr. Berto:

We inspected the structural repairs of the subject home on March 21, 2024. The purpose of the inspection was to determine if the structural repairs (Recommendations #1-7) were installed per recommendations outlined in the previous inspection report dated March 6, 2024. The following itemizes our review of the repairs:

- 1) Per Recommendation #1, the damaged floor girder was replaced in general accordance with the previous inspection report.
- 2) The following observations were noted in regards to Recommendation #2:
 - a. The damaged floor girder noted within Observation #3a was replaced with a 3-2x10 member opposed to the recommended 4-2x10. This repair is not considered to be structurally adequate.
 - b. The damaged floor girder noted within Observation #3b was replaced in general accordance with the previous inspection report.
- 3) Per Recommendation #3, the second and third girder spans from the right were fully sistered on both sides in general accordance with the previous inspection report.
- 4) Per Recommendation #4, the 4-ply joist/girder was replaced in general accordance with the previous inspection report.
- 5) Per Recommendation #5, the damaged, split, and cut floor joists were fully sistered in general accordance with the previous inspection report.
- 6) Per Recommendation #6, the locations of damaged subfloor were repaired in general accordance with the previous inspection report.
- 7) Per Recommendation #7, the unsupported box-out framing ends were supported in general accordance with the previous inspection report.

The above-listed determinations were made in accordance with the 2018 edition of the North Carolina Residential Building Code.

RECOMMENDATION

Based on our site inspection, the issue described in item #2a was not completed as specified in the report. As stated above, the floor girder was replaced with a 3-2x10 member opposed to the recommended 4-2x10 member.

The recommendations presented in this report are based on our experience and understanding of the concerns to provide a reasonable solution based on the conditions that were visible and/or known to us on the date of inspection. As this report is based on the circumstances at one point in time, conditions may change which may result in additional repair recommendations. Further, the recommendations are the opinion of the Engineer to address significant structural-related concerns and may not rectify cosmetic issues.

The repairs listed below are the repairs listed in our March 6, 2024 report that were not completed at the time of the re-inspection. If there are any questions or concerns regarding the location or method of repair contact the engineer prior to construction.

- 1) We recommend installing an additional 2x10 ply at the locations where a current 3-2x10 girder is in the main crawlspace area. The additional ply should span full length (bearing point to bearing point) and be attached with (3) 5.5" FastenMaster HeadLok screws at 16" O.C.

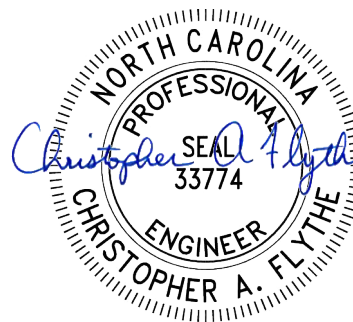
CONCLUSION

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,



Evan L. Rimer
Project Engineer
Giles Flythe Engineers Inc.
NC Lic. No. C-2871



Digitally signed by Christopher A Flythe
Date: 2024.03.25 15:05:09-04'00'

Christopher A. Flythe, PE
Project Manager
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