



September 23, 2025

58 Foundations
Attn: Matt Morgan

Re: Inspection of Structural Repairs (REVISED)
Olivia Evangelical Presbyterian Church
3363 Olivia Road
Sanford, NC

Dear Mr. Morgan:

Giles Flythe Engineers previously performed a Limited Structural Inspection for the above-noted property, and issued a report with repair specifications dated February 14, 2025. A re-inspection of repairs was performed on August 18, 2025. The purpose of the inspection was to determine if the floor framing repairs were performed in accordance with the report recommendations, and to evaluate the alternative construction installations for conformance with the intent of the original repair design.

The following itemizes our review of the repairs:

- 1) Widespread floor framing repairs were observed throughout the building. This included full replacement of floor joists, replacement of perimeter bands, replacement of girder sections, installation of new CMU piers on concrete footings, installation of supplemental steel post-and-beam shoring systems, and widespread replacement of subflooring throughout the repair areas. The supplement steel post-and-beam shoring systems were observed to provide full contact to the above floor framing, and the steel jack posts were installed onto new concrete footings. The steel jack post leveling plates were fitted with set screws / locknuts to permanently hold the support brackets in place.
- 2) During the onsite inspection, the contractor cut back sections of the new vapor barrier and excavated soil to expose the concrete footings beneath the new piers and steel stabilizer posts. We observed 8" projections beyond the edges of the 16"x16" CMU piers, indicating the as-built footing sizes are approximately 32"x32", which meets or exceeds the minimum size specified in our original report.
- 3) We identified limited areas which required additional attention, including additional fasteners into ledger strips, new shimming at girder bearing points, and additional support needed below a girder intersection. We provided design guidance and consultation during construction of these additional repairs, and reviewed contractor-provided documentation of the completed work.

The floor framing repairs, including the alternative construction installations, and the foundation installations, were observed to meet or exceed the intent of the original repair recommendations outlined in our February 14, 2025 report.

No further structural repairs or modifications are required.

CONCLUSION

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

Sincerely,

Andrew D. Crook, PE
Project Manager
Giles Flythe Engineers Inc.
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