

October 18, 2024

Mr. Tony Wimberly
Wimberly Builders, LLC

Re: Sunroom Addition - Addendum
479 D.L. Phillips Lane
Broadway, North Carolina

Mr. Wimberly,

OTG Consulting, PLLC (OTG) was requested to evaluate the design change for the sunroom addition. We understand that an original structural design was performed by Line on Design, dated April 14, 2023. OTG was requested to review the provided value-engineered design performed by you. OTG previously provided a letter detailing the design changes (OTG report dated September 22, 2024).

Based on conversations with you, we understand that the sunroom addition wall, adjacent to the existing house, was planned to be constructed of 6-inch by 6-inch posts with an LVL roof beam. In lieu of the 6-inch by 6-inch posts, the plan is to convert to a 2-inch by 4-inch support wall. This is acceptable.

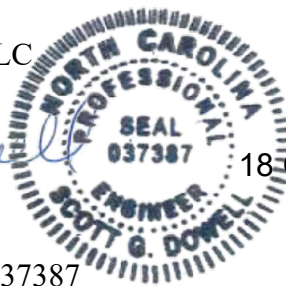
Additionally, at the covered porch the plans originally called for the LVL fastened to the 6-inch by 6-inch posts with Simpson Strong Tie Post Caps at each column (detail 1/S5). In lieu of the Simpson Strong Tie Post Caps, the plan is to use (2) Timber Lock lag screws through the post into the LVL. The post is notched to allow for the LVL to sit on the column. Based on the review and analysis of the loads on the fasteners, this is an acceptable substitution and will support the applied loads.

We appreciate the opportunity to help you with this. Should you have any questions or need additional information, please contact me at your earliest convenience. We can be reached at 336-414-1179 or at otgconsulting@protonmail.com.

Sincerely,
OTG Consulting, PLLC



Scott G. Dowell, PE
President
NC PE License No. 037387



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