



**J. SMITH STRUCTURAL ENGINEERING, PLLC**  
N.C. CERTIFICATE NUMBER P-2212

June 29, 2023

Brian Culver  
Triangle Home Pros  
6312 Lauraca Lane  
Fuquay Varina, NC 27526

**RE:** 90 Auger Hole Road  
"The Harrison"  
As-built framing review

Dear Mr. Culver:

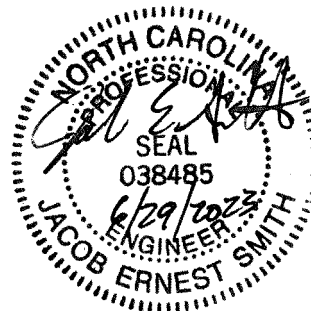
The above reference plans were reviewed to address the as-built framing items identified during framing inspection. Review of the plans and as-built framing revealed the following:

- At the front porch, a single 2 x 10 ridge was installed with 2 x 6 collar ties @ 16" o.c. in lieu of a (2) ply 2 x 10 ridge beam with and open vault below. This framing configuration is adequate to support all applied loads.
- At the (2) 1 3/4" x 9 1/4" LVL valley over the master bedroom, the as-built valley was framed with a splice located approximately three feet from the end bearing point. This framing configuration is adequate to support all applied loads and no reinforcement is required.
- Over the master bedroom, the 12:12 pitch rafters bear on a 2 x 4 plate on top of the 11 7/8" I-joist floor system as noted on the engineered drawings. This framing configuration is adequate to support all applied loads.

Please call me if you have any questions.

Sincerely,

**J. Smith Structural Engineering, PLLC**  
Jacob E. Smith, P.E.  
Owner



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