

Mark E. Jones, PE
Structural Engineering and Design

January 4, 2024

Reese Construction Co.
3720 Lucky Drive
Apex, NC 27539

Ref: Site Observations and Analysis
90 Cotton Fields Ln.
Fuquay-Varina, NC
Permit No. SFD2306-0047
Kay Ridge Plan
Project No. 17-028

To Whom it may concern;

The above referenced site was observed on January 4, 2024 to address the following concerns:

1. Plan calls for double 2x12 above the master shower. Double 2x10 installed.
3. Nails at dormer lvl hanger should be 16d or provide letter from PE that 1.5" #10 nail is sufficient.

Based on observations and analysis, the conclusions regarding the structure are:

1. The builder shall provide one additional 2x10 to the existing 2-2x10 beam above the master bath.
3. The 1.5" #10 nails in the hangers at the dormer lvl are sufficient to support the imposed loads. No action is required.

Thank you for this opportunity to assist you. If you have any questions or need any further assistance, please do not hesitate to call.

Respectfully,



Mark E. Jones, PE

