

Mark E. Jones, PE
Structural Engineering and Design

September 25, 2023

Raynor Builders
725 N. Raleigh St.
Angier, NC 27501

Ref: Site Observations and Analysis
828 Ponchartrain Dr.
Fuquay-Varina, NC
Project No. 22-220
Permit No. SFD2205-0018

To Whom it may concern;

The above referenced site was observed on September 18 and 19, 2023 for the following items:

1. Engineer to evaluate garage beam supports.
2. Engineer to evaluate ceiling framing at the rec room dormer.

Based on analysis, the conclusions regarding the condition(s) are:

1. The builder constructed the garage beam supports with 3-2x4 studs in lieu of the plan specified 3-2x6 studs at each end. The builder was instructed to provide one additional 2x8 on the face of the existing stud column. The additional supports were adequately installed. No further action is required.
2. The builder installed 2x6 ceiling joists at the rec room dormer supported by a 2-2x8 beam and double 2x8 rafters at each side in lieu of the plan specified 2x10 clear span joists. The existing construction is adequate to support all imposed loads. No further 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

