

Mark E. Jones, PE
Structural Engineering and Design

January 9, 2020

Tran Dinh
2456 Keith Hills Road
Lillington, NC 27546

Ref: Site Observations and Analysis
2456 Keith Hills Road
Lillington, NC
Project No. 19-188

To Whom it may concern;

The above referenced site was observed on January 8, 2020 for the following items:

1. Roof has been truss framed. Engineer to evaluate framing.

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

1. The referenced site is for a two-story wood framed house on a crawl space foundation. The builder has opted to frame the roof with pre-engineered wood trusses in lieu of the plan specified conventional lumber. The change in roof design creates different loading patterns. The structure was observed and analyzed considering these changes. All components of the framing (walls, headers, beams, joists, etc.) were found to be adequate to support the imposed design loads with one exception. A new point load and load bearing wall has been created at the rear wall of the laundry room. The builder shall provide a triple floor joist in the floor system below the rear wall of the laundry room. No other enhancements are 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

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Invoice

Project #: 19-188

Date: January 9, 2020

Bill To: Tran Dinh

2456 Keith Hills Rd.

Lillingont, NC 27546

Date	Description	Quantity	Rate	Amount	Balance
1/9/2020	Site Observations and Analysis	1	\$300.00	300.00	\$ 300.00
	Truss Framing Analysis				
	2456 Keith Hills Rd.				
				Total	\$ 300.00

Reminder: Please include the project number on your check.