

Mark E. Jones, PE
Structural Engineering and Design

October 1, 2018

Tim Foster
115 Vuncannon Dr.
Fuquay-Varina, NC 27526

Ref: Site Observations and Analysis
115 Vuncannon Dr.
Fuquay-Varina, NC
Project No: 18-223

To Whom it may concern;

The above referenced site was visited on October 1, 2018 to address the following structural concerns:

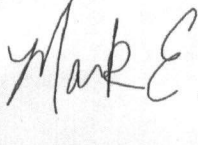
1. Engineer to evaluate room constructed without a permit.

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

1. The referenced property has an existing living area finished over an original deck reported to be constructed in 2010. The area spans the width of the structure across the rear and is 14' deep. The original floor framing consists of 2x10 lumber spaced at 16" on center spanning front to rear. The floor joists are adequately supported at the exterior wall by a 2-2x10 band resting on 6x6 posts spaced approximately 91" on center. The support posts were resting on solid/concrete footings. An additional 4x6 girder line was installed that spans the length of the area. The room has a flat ceiling and a shed roof. Although the size of the members could not be confirmed, it is safe to assume that the ceiling joists and the roof rafters are at least 2x6 members spaced at 16" on center. The existing construction is adequate to support the code required design loads without any enhancement or repair.

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

