



January 30, 2020

Scott Guy
2152 Sheriff Johnson Road
Lillington, NC 27546

Reference: Engineering Services
2152 Sheriff Johnson Road
Lillington, NC 27546
Project No.: 2001-020054

As requested by the client, a representative of Tyndall Engineering & Design, PA (TE&D) was on-site to observe the following items:

1. LVL beam sizing for proposed opening for home addition.

The following conclusions and recommendations were noted:

1. Based on our observations and analysis, TE&D recommends installing a (3) 1-3/4" x 18" LVL flush beam across the proposed opening. The non-structural "tails" at the ends of the trusses may be removed to tightly install the new beam. Gusset plates may not be modified, damaged, or removed. The new beam is to be supported with (4) 2 X 4 jack studs and (1) 2 X 4 king stud at each end. The stud columns are to be fastened with Simpson CS16 coil straps, installed horizontally, at 24" O.C. The new beam will provide the required support for the anticipated loading conditions.

We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information, please do not hesitate to contact us.

Sincerely,
Tyndall Engineering & Design

Tripp Amos
PT III | 2001-020054

Prentice Tyndall Jr., P.E.



