



July 9, 2020

Dawn Champion
3878 NC Highway 55 W.
Angier, NC 27501
Email: mwortham214@gmail.com

Reference: Engineering Services
88 Colby Ln.
Angier, NC
TE&D Project No.: 2001-020422

To Whom It May Concern;

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

- 1) Analyze and inspect the finished unpermitted garage area at the left side of the home.

The following conclusions and recommendations were noted:

- 1) The unpermitted finished space was framed with 4" walls on all sides and covered with roof trusses. Trusses spanned front to back the full length of the space. The floor framing structure consists of 2x8 @ 16" O.C. floor joists was supported with 2x4 walls at 9' O.C. bearing on the existing garage slab which appeared to be turned down onto the concrete footings. Footings were observed to have suitable projection at the exterior faces.

Additionally, the front porch floor joists consist of 2x8 @ 16" O.C. with (2) 2x8 girders bearing on 6x6 posts with 12"x12"x10" concrete footings. The front porch roof system consists of 2x8 rafters @ 16" O.C. supported by (2) 2x8 headers.

Based on our observations and analysis, the previously unpermitted structure 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

Sean M. Holmes
SMH | 2001-020422

Prentice Tyndall Jr., P.E.







