



October 24, 2025

Jay Carroll
Ascot Homes
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Reference: Engineering Services
Anderson Creek – Lot 1138
Permit #SFD2505-0116
96 Graduate Court
Spring Lake, NC 28390
TE&D Project No.: 2501-020487_A

To Whom It May Concern:

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

- 1) Missing air barrier in garage ceiling under knee walls.
- 2) Missing front porch flashing.
- 3) Front porch fill to be certified by an engineer.
- 4) 4-ply girder truss missing 1/2" through bolts.

The following conclusions and recommendations were noted:

- 1) We observed solid blocking was installed within the garage ceiling under the knee walls above. We recommend all holes be filled with spray foam insulation.
- 2) We cut away the house wrap at several locations at the bottom of the front porch walls and observed the porch flashing to be previously installed.
- 3) We observed the front porch foundation was constructed with 8" CMU block to heights of 32" to 40" above the footing. We understand the porch was fully backfilled with #57 washed stone. Based on our observations and analysis, the porch foundation and backfill will provide the required support for the anticipated loading conditions.
- 4) We observed the 4-ply girder truss (P04) was fastened at the bottom chord with (2) 5/16" x 6" Saber Drive Platinum construction lag screws at 48" o.c. at each face. Based on our observations and analysis, the screws used in lieu of the plan specified bolts remain suitable and will provide the required support for the anticipated loading conditions.



TYNDALL
ENGINEERING & DESIGN, P.A.

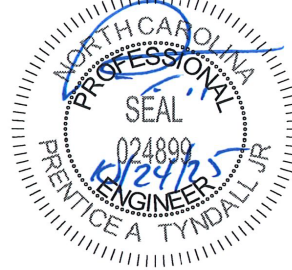
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Upon completion, the framing modifications listed above will provide the required support for the anticipated loading conditions. We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information, please do not hesitate to contact us.

Sincerely,
Tyndall Engineering & Design

Tripp Amos
TA | 2501-020487_A

Prentice A. Tyndall, Jr., P.E.





Item #1 – garage ceiling with blocking installed – fill gaps with foam as needed



Item #2 – Front porch flashing observed





Item #3 – Front Porch Foundation



Washed stone backfill observed in vents





Item #4 – Girder truss observed

