



June 5, 2025

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Fayetteville, NC 28311
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Reference: Engineering Services
65 Alan Parker Circle
Spring Lake, NC 28390
TE&D Project No. 2501-020439

To Whom It May Concern:

A representative of Tyndall Engineering & Design (TE&D) has observed the following items:

- 1) Observed and analyzed existing foundation supporting the residential dwelling at the above referenced address with regard to compliance with the State of North Carolina Regulations for Manufactured Homes

The following conclusions and recommendations were noted:

- 1) Based on our visual observations, the existing home foundation consists of 8" x 16" and 16" x 16" dry-stacked CMU piers on footings. Based on our observations and analysis, the existing foundation does not comply with the State of North Carolina Regulations for Manufactured Homes. In order to comply, the following enhancements should be implemented:
 - a. We observed one 8" x 16" CMU pier at the front-middle of the structure as being greater than 36" tall above grade. The area around this pier may be regraded to reduce the existing height, or it may be properly coated with "Sure Wall" or an equivalent surface bonding compound (for structural applications, apply a 1/8" thick coating on two opposing 16" sides, minimum) or the pier may also be replaced with a 16" x 16" CMU pier.
 - b. In addition, we recommend verifying that the manufactured home is anchored with a minimum of (6) anchor straps at each side length-wise (12 total straps).

Once the above enhancements have been implemented, the existing foundation will meet the requirements per the State of North Carolina Regulations for Manufactured Homes. We appreciate the opportunity to assist you during this phase of the project. Should you need further assistance or require additional information please do not hesitate to contact us.

Sincerely,
Tyndall Engineering and Design

Tripp Amos
PT III | 2501-020439

Prentice Tyndall Jr., P.E.





Site of inspection



Example of 8" x 16" CMU pier over 36" in height above grade