



February 21, 2023

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Spring Lake, NC 28390  
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Reference: Engineering Services  
210 North Peggy Street  
Spring Lake, NC 28390  
TE&D Project No. 2301-020168

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 NC DOI guidelines for manufactured housing.

The following conclusion and recommendations were noted:

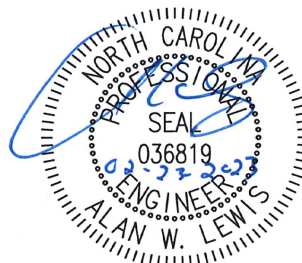
- 1) Based on our visual observations, the existing home foundation consists of 16"x16" dry-stacked CMU piers on concrete footings. **Based on our observations and analysis, the existing foundation does not comply with NC DOI guidelines. In order to comply, the following enhancements should be implemented:**
  - a. **The existing 8" x 16" and 16"x16" dry stacked piers greater than 36" tall are to 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).**
  - 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 NC DOI guidelines for foundations in association with 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 | 2301-020168

Alan W. Lewis., P.E.





**Site Inspected**