



November 14, 2025

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Reference: Engineering Services
844 Ed Thomas Rd.
Cameron, NC 28326
TE&D Project No.: 2501-020830

To Whom It May Concern;

As requested by the client, a representative of Tyndall Engineering & Design, PA (TE&D) was on-site to observe the existing foundation supporting the manufactured home at the above referenced address. The scope of our services was to visually observe the existing foundation with regards to it's compliance with the State of North Carolina Regulations for Manufactured Homes. Plus , we made note of visible structural deficiencies observed during our assessment of the existing foundation.

Based on our visual observations, the existing home main (crawlspace) foundation was supported by 8" x 16" and 16" x 16" dry-stacked CMU piers laterally braced and supported on Xi2 foundation system. The exterior perimeter wall foundation consisted of a brick curtain wall on a continuous concrete footing.

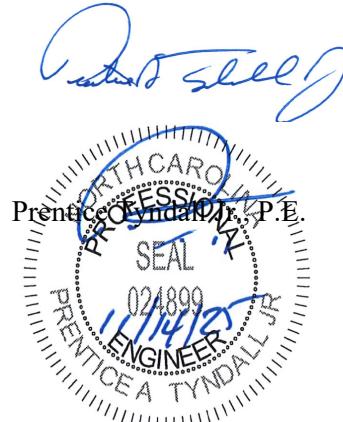
The following items/issues were noted during our visual assessment of the existing foundation:

- 1) The 8" x 16" CMU pier located at the center of the front row of piers was damaged and should be repaired by removing and replacing the damaged block or filling in the damaged area with concrete repair mixture "QUIKRETE Polymer Modified Structural Repair" to adequately support the anticipated loading conditions.
- 2) Additionally, it was noted that a 2x6 floor joist was notched to accommodate a plumbing modification in the master bathroom. TE&D recommends securing a new 2x4 member to the existing notched member secured with (2) 10d @ 4" O.C.. The new 2x4 member should span from the rear wall to the rear frame to adequately support the anticipated loading conditions.

In conclusion, based on our observations and analysis, once the items/issues outlined above are correctly remedied the existing manufactured home foundation will be adequate to support the anticipated loading conditions and will comply with the State of North Carolina Regulations for Manufactured Homes. 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
Sean M. Holmes
SMH | 2501-020830





Front Elevation



Left Elevation



Rear Elevation



Right Elevation



Damaged Pier



Notched Floor Joist



Rear Left Xi2 Tie Down



Front Right Xi2 Tie Down