



April 18, 2019

Clayton Homes  
2001 W. Cumberland St.  
Dunn, NC 28334

Attention: Mr. Charlie Page

Reference: Over Height Pier and Anchor Evaluation, 26.5 ft. by 72 ft. Mobile Home  
3861 US 401 N., Fuquay Varina, NC 27526  
Harnette County Permit No. BRES-1901-0046  
Project No. 019mh63

Dear Mr. Page,


Thank you for using Piedmont Geotechnical for your evaluation. As requested, the site was visited on April 16, 2019 to evaluate the structural stability of the pier and anchoring system for the above referenced mobile home.

Upon arrival, the approximate 26.5 ft. by 72 ft. mobile home had been placed on (9) rows of block piers (4 piers per row) on concrete footings and anchored with (2) Minute Man anchoring systems. One Minute Man system is located at the 2<sup>nd</sup> pier from the left end on the back row and the other is located at the 2<sup>nd</sup> pier from the right end on the front row. The pier heights ranged from about 15 in. to 61 in.

It is recommended to install (2) lateral anchors within 4 ft. of the left end of the home (1 front, 1 back) with double straps on each anchor in a crossed pattern. The anchors may be soil anchors installed just inside the perimeter curtain wall footing, or patio anchors. Either should be installed in accordance with the manufacturer's specifications and the NC Regulations for Manufactured Homes. Patio anchors should be installed no closer than 4 in. to the inside edge of the perimeter footing.

Based on testing, measuring, observation and implementation of the recommendations, it is my professional opinion that the pier and anchoring system (including footings, piers, anchors, straps and connectors) for the mobile home at 3861 US 401 N., Fuquay Varina, NC, (Harnette County Permit No. BRES-1901-0046) will be structurally sound and adequate to support the proposed loads of the home, once the recommendations have been properly implemented. Thank you for using Piedmont Geotechnical. If you should have any questions, please call.

Sincerely,


D. Allen Hughes, PE, President  
Piedmont Geotechnical, mc., P.A.