



November 9, 2020

Clayton Homes
1921 Keller Andrews Rd.
Sanford, NC

Attention: Mr. Stephen Wheeler

Reference: Over Height Pier and Anchor Evaluation, Jackson Residence
18221 NC 27 W, Cameron, NC28326
Project No. 020mh99, Harnette County Permit No. BRES2006-0023

Dear Mr. Wheeler:

Thank you for using Piedmont Geotechnical to conduct the evaluation for your project. As requested, the site was visited on October 22, 2020 to evaluate the structural stability of the pier and anchoring system for the above referenced mobile home.

Upon arrival, the approximate 76-ft by 27.5-ft mobile home had been placed on (10) rows (4 piers per row) of block piers on ABS footings. The home is anchored with (2) Minute Man systems. One system is located at the second pier from the left end on the front row of the home and the other is located at the second pier from the right end on the back row. The pier heights range from about 17 in. to 60 in.

Per our recommendation, (3) lateral ground anchors were added on the back of the home near the left end of home spaced about 8 to 10 ft. apart with the left end anchor being within 4 ft. of the left end of the home and (1) lateral ground anchor was installed on the front of the home within 4 ft. of the left end of the home. Each lateral ground anchor used double straps with one strap connected to the nearest outer chassis beam and the other strap connected to one of the inner chassis beams.

Based on measuring, observation, and implementation of the recommendations, it is my professional finding that the pier and anchoring system (including piers, anchors, straps, Minute Man systems and connectors) for the mobile home at 18221 NC 27 W, Cameron, NC (Harnette County Permit No. BRES2006-0023) is structurally sound and adequate to support the proposed loads of the mobile home. Thank you for using Piedmont Geotechnical for your evaluation. If you should have any questions pertaining to this report, please call me.

Sincerely,


November 9, 2020


D. Allen Hughes, P.E., President
Piedmont Geotechnical, Inc. PA