

Oakwood Homes
3005 Gillespie St.
Fayetteville, NC 28306

August 4, 2021

Attention: Mr. Chris Milligan

Reference: Over Height Pier and Anchor Evaluation
292 Bernard St., Spring Lake, NC
Project No. 021mh75, Harnett County Permit No. BRES-21040046

Dear Mr. Milligan:



Thank you for using Piedmont Geotechnical to conduct the evaluation for your project. As requested, the site was visited on August 4, 2021 to evaluate the structural stability of the pier and anchoring system for the above referenced mobile home.

Upon arrival, the approximate 28 ft by 64 ft mobile home had been placed on (9) rows of block piers on concrete footings, anchored with (23) lateral anchors set in the perimeter curtain wall footing. Twenty-two of the lateral anchors used double straps (1 to the nearest chassis beam and the other to outer band of the home). The back right corner anchor used a single strap to the inner chassis beam. The pier heights range from about 15 in. to 50 in.

It is recommended to coat the 2nd pier from the left end on the 3rd chassis beam row from the front with a 1/8-in. layer of surface bonding cement from the footing to the top of the pier. The surface bonding cement should be mixed and applied in accordance with the manufacturer's specifications.

Based on measuring, observation and implementation of the recommendation, it is my professional finding that the pier and anchoring system (including piers, anchors, straps, and connectors) installed for the mobile home at 292 Bernard St., Spring Lake, NC (Harnett County Permit No. BRES-21040046) will be structurally sound and adequate to support the proposed loads of the mobile home once the recommendation has been properly implemented. If you should have any questions pertaining to this report, please call.

Sincerely,


August 4, 2021


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