

**D. ALLEN HUGHES**  
**ENGINEERING, Inc.**

1669 Jimmie Kerr Rd., Haw River, NC 27258  
336-516-8634, Firm No. C-2951

October 22, 2024

Joe Pike  
35 Cypress Point  
Sanford, NC 27332

Reference: Foundation and Anchoring System Evaluation for Mobile Home  
7936 NC 27 W., Lillington, NC 27546  
Project No. D24mh174-B, Harnett County Permit No. BRES2405-0006

Dear Mr. Pike,

Thank you for using D. Allen Hughes Engineering. As requested, the site was visited on October 11, 2024 to evaluate the structural stability of the foundation and anchoring system for the above referenced mobile home.

Upon arrival, the approximate 27 ft. by 56 ft. mobile home had been placed on (8) rows (4 piers per row) of masonry piers on concrete footings. An approximate 24 in. by 6 in. concrete footing had been properly placed for the proposed non-bearing perimeter curtain wall. The home is anchored with (2) lateral bracing systems, and (3) lateral ground anchors with double straps. The lateral ground anchors are located in the approximate left 15 ft. of the front of the home. One lateral bracing system is located at the second pier from the right at the front of the home and the other is at the second pier from the left at the back of the home. The pier heights range from about 23 in. to 56 in.

Based on measuring and observation, the foundation and anchoring system (including piers, lateral bracing systems, anchors, straps and connectors) installed for the mobile home at 7936 NC 27 W., Lillington, NC 27546 (Harnett County Permit No. BRES2405-0006) is structurally sound and adequate to support the proposed loads of the mobile home. If you should have any questions, please call.

Sincerely,

  
October 22, 2024  


D. Allen Hughes, P.E., President  
D. Allen Hughes Engineering, Inc.