



July 23, 2022

Clayton Homes  
1921 Keller Andrews Rd.  
Sanford, NC 27330

Attention: Mr. Stephen Wheeler

Reference: Subgrade Evaluation/ 3rd Party Observation of Footing Excavations for Proposed Mobile Home  
484 D. R. Harvell Rd., Lillington, NC 27546  
Project No. 022mh93, Harnett County Permit No. BRES2205-0026

Dear Mr. Wheeler:

Thank you for using Piedmont Geotechnical. As requested, the site was visited on July 20, 2022 to evaluate the subgrade conditions and the footing excavations for the above referenced mobile home. The Foundation Plan for this home is by Clayton Home Building Group, titled "Pier Set, 99-1/2 Beam Spacing", Model 1447, drawn by THH, 12/18/2022, Sheet No. 21-PS-99.

Upon arrival on July 20, 2202, the pier footing excavations had been dug at least 24 in. by 24 in. and the perimeter footing excavations were dug about 18 in. wide. The footing excavation bottoms were dug to at least 12 in. below grade. The grade nails were set for an 8-in. minimum footing thickness. The subgrade at the the bottom of each footing excavation was tested with a Static Cone Penetrometer (SCP) and found to be of adequate bearing capacity.

Based on testing, observation and measuring, the subgrade prepared for the footing excavations for the proposed mobile home at 484 D. R. Harvell Rd., Lillington, NC 27546 (Harnett County Permit No. BRES2205-0026) is adequate to support the proposed loads (2000 psf.) of the mobile home, the footing excavations meet or exceed the requirements of the Foundation Plan and are in compliance with the NC Regulations for Manufactured Homes, 2019. If you should have any questions pertaining to this report, please call.

Sincerely,

  
July 23, 2022  


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

**CHATHAM COUNTY INSPECTIONS DEPARTMENT**

**3<sup>RD</sup> PARTY INSPECTION FORM**

RECORD OF THE INSPECTION OF A COMPONENT OR ELEMENT BY A NC LICENSED ARCHITECT OR ENGINEER

**Project Information:**

Residential Single Family Project:  Y  N

Commercial Project:  Y  N

Code Enforcement Project No.:

Permit No.: Harnett County Permit No. BRES2205-

0026

**Project Name:** Subgrade testing/3<sup>rd</sup> party inspection for footing excavations for proposed mobile home. Project no. 022mh93

**Owner:**

**Suite No.:**

**Contractor Name:** Clayton Homes

**Project Address:** 484 D. R. Harvell Rd., Lillington, NC 27546, NC

**Date Inspected:** July 20, 2022

**Component Inspected:** Subgrade testing/3<sup>rd</sup> party inspection for footing excavations for proposed mobile home.

**Responsible Licensed NC Architect or NC Engineer**

**Name:** D. Allen Hughes, PE

**Firm Name:** Piedmont Geotechnical, Inc, PA, NC Firm No. C-1634

**Phone No.:** Office Mobile 336-516-8634

**Email Address:** piedmontgeotech@hotmail.com

**Mailing Address:** 1669 Jimmie Kerr Rd., Haw River, NC 27258

**APPLICABLE CODE SECTION:** 2019, NC REGULATIONS FOR MANUFACTURED HOMES

2018 NCBC = 2018 NC Building Code; 2018 NCRC = 2018 NC Residential Code

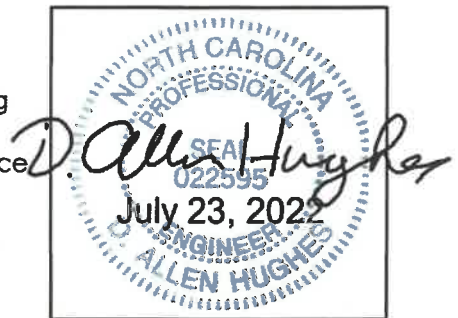
Describe Element/Component/Type of Inspection: \*

Subgrade testing/3<sup>rd</sup> party inspection for pier and perimeter footing excavations for proposed mobile home.

\*(subgrade form/letter may also be required)

**Attestation/Signature:**

By signing below, I certify that the component and/or element of the building as identified on this form has been inspected by me or someone under my direct supervision per subsection (b2) of NC G.S. 153A-352 and is in compliance with the approved plans & specifications for the project. This inspection is in compliance with all of the requirements of the above referenced code. Attach any additional documents if needed.



Licensed Architect or Engineer

D. Allen Hughes, PE

**Inspection Department disclaimer:**

Upon the receipt of a signed written document as required under subsection (a) of Article 160A-413.5., Code Enforcement shall be discharged and released from any liabilities, duties and responsibilities imposed by this article or in common law from any claim arising out of or attributed to the component or element in the construction of the building for which the signed written document was submitted. Be aware that this inspection will be noted in all inspection records including the Certificate of Occupancy or Certificate of Compliance. This inspection does not address any local ordinances or zoning requirements.