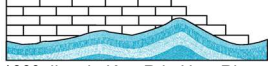


**PIEDMONT
GEOTECHNICAL**



1669 Jimmie Kerr Rd., Haw River, NC 27258
336-516-8634, NC Firm No. C-1634

June 20, 2024

Clayton Homes
1921 Keller Andrews Rd.
Sanford, NC 27330

Attention: Ms. Ruth Norton

Reference: Subgrade Testing - 3rd Party Footing Excavations, Footing Projection at Piers
865 Pine Oak, Cameron, NC 28326
Project No. D24mh62, Harnett County Permit No. BRES 2402-0006

Dear Ms. Norton,

The site was visited on May 21, 2024 and June 14, 2024 to observe, measure, test and evaluate the subgrade for the wall footings and the interior piers for the proposed mobile home and the preparation of the footing excavations for placing concrete. At the time of our visit, the footing excavations for the foundation walls and interior piers had been dug. The perimeter wall footings excavations were dug 18 in. wide and the pier footing excavations were dug 24 in. by 24 in. The grade nails were set for a 6 in. minimum footing thickness. The footing excavations and footings were observed and compared to the design drawings by Clayton Epic Collection, titled "Morocco-4E" dated 8/13/202, referred to in this report as "The Plan".

The subgrade was tested throughout with a Static Cone Penetrometer (SCP) at the footing excavation bottoms and was found to be of adequate bearing capacity throughout on May 21, 2024. The footing projection of the pier footings was observed, measured and found to be adequate on June 14, 2024.

All testing and observation indicated that the subgrade at the footings is of adequate bearing capacity to support the proposed loads (2,000 psf) of the home. The footings were of the correct size, number and general location according to The Plan. The footings and foundation walls have been constructed in accordance with the 2019 NC Regulations for Manufactured Homes.

Sincerely,


NORTH CAROLINA
PROFESSIONAL
ENGINEER
022595
ALLEN HUGHES
June 20, 2024

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

DESIGN PROFESSIONAL INSPECTION FORM

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

Project Information:

Residential Single-Family Project: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Commercial Project: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
Code Enforcement Project No:	Permit No: Harnett County Permit No. BRES 2402-0006
Project Name: D24mh62, Subgrade Testing - 3rd Party Footing Excavations, Footing Projection at Piers	Owner:
Project Address: 865 Pine Oak, Cameron, NC 28326	Suite No:
Date Inspected: May 21, 2024 and June 14, 2024	Contractor Name: Clayton Homes
Component Inspected: Subgrade Testing - 3rd Party Footing Excavations, Footing Projection at Piers	

Responsible Licensed NC Architect or NC Engineer

Name:	D. Allen Hughes, PE
Firm Name:	Piedmont Geotechnical, Inc. PA, NC Firm no. C-1634
Phone Numbers:	Office: Mobile: 336-516-8634
Email Address:	piedmontgeotech@gmail.com
Mailing Address:	1669 Jimmie Kerr Rd., Haw River, NC 27258

APPLICABLE CODE: 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 - 3rd Party Footing Excavations, Footing Projection at Piers

*(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.

D. Allen Hughes, PE

Licensed Architect or Engineer



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. 4/2019