

APPENDIX G

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: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Commercial Project: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Code Enforcement Project No:	Permit No: 2112-0007
Project Name: 5015 Hillmon Grove Road	Owner: Dewitt, Melissa
Project Address: 5015 Hillmon Grove Road, Cameron, NC 28326	Suite No:
Date Inspected: 1/19/2022	Contractor Name: Schumacher Homes / McGee Brothers
Component Inspected: residential home footings prior to concrete placement	

Responsible Licensed NC Architect or NC Engineer

Name:	W. Shawn Sullivan, P.E.
Firm Name:	GTA Associates, Inc.
Phone Numbers:	Office: 984-200-2104 Mobile: 984-500-6192
Email Address:	Shawnsullivan@gtaeng.com
Mailing Address:	5605 Chapel Hill Road, Suite 112, Raleigh, NC 27607

APPLICABLE CODE:

2018 NCRC

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

Describe Element/Component/Type of Inspection: *

strip ftgs, pier ftgs, lug ftgs, under code R403.1. Soil Bearing Capacity = 2,000 psf(see attached report)

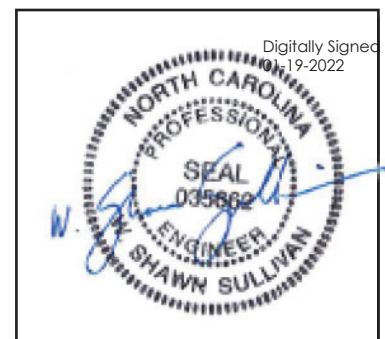
*(subgrade form/letter may also be required)

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 G.S. 160D-11-6 and is in compliance with the Code or other proposal of the architect or engineer for the project. This inspection is in compliance with all of the requirements of the above referenced code. Attach any additional documents if needed.

Shawn Sullivan

Licensed Architect or Engineer



Inspection Department disclaimer:

Upon the receipt of a signed written document as required by G.S. 160D-11-6, 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.

Effective January 1st, 2021



Project Name: 5015 Hillmon Grove Road Date: 1 / 19 / 2022 GTA Rep: Matthew Wright
 Project No.: 201253x037 Client: McGee Brothers Weather: Sunny Temperature: 51 °F

Location of Work:

5015 Hillmon Grove Road, Cameron, NC 28326

Plans Referenced:

Anderson Modern/Custom - Foundation Plan

Description of Work:

GTA representative arrived on-site, as requested, to test the bearing capacity of near surface soils for footings, and to perform 3rd party footing observations prior to concrete placement for the residential home planned for construction at 5015 Hillmon Grove Road in Cameron, North Carolina.

Utilizing a steel probe rod, hand auger, and Dynamic Cone Penetrometer (ASTM STP399) to test the bearing capacity of near surface soils for footings, test results indicated that soils, at the locations and elevations tested; are capable of supporting footings designed for a net allowable bearing pressure of 2,000 psf.

Please note, GTA test results are only indicative of soil conditions at the specific GTA test locations and depths explored. GTA hand-auger borings were supplemented with Dynamic Cone Penetrometer (DCP) testing to explore the near surface soil conditions. GTA testing was performed to a maximum depth of 4-feet below bottom of footing elevation. Where deeper fill soils are present, GTA has assumed the fill subgrade was prepared properly, and the fill soils were placed, compacted, and tested properly.

GTA recommends footings be excavated, tested, and concrete placed on the same day, if possible. Foundation observations and soil bearing capacity testing are only valid between rain events. If foundation bearing materials are exposed to freezing temperatures, inclement weather, or disturbed due to construction activity, GTA should be contacted to re-evaluate the foundation bearing materials prior to the placement of concrete.

Also on this date, utilizing the approved construction drawings, GTA performed 3rd party footing observations prior to concrete placement for the above referenced residential home. Based on GTA visual observations, the footings (size, dimensions, general locations) at the above referenced lot, appear to have been prepared in general accordance with the approved project drawings. The footing excavations observed were free of loose soil, debris, and water.

Based on the results of GTA visual observations and testing performed on this date, the soil bearing conditions and foundation preparations observed appear to be in general accordance with the 2018 North Carolina Residential Code and the approved project drawings. Please see the attached site photos for site conditions observed on this date.

Remarks/Deficiencies/Failing Tests:

Nuclear Gauge: Soil Asphalt None
 Attachments: Location Sketch Photos Nuclear Field Density Concrete Test Report
 Material Tickets Subgrade Preparation Report Foundation Observation Report
 Other DPI Form

Portal-to-Portal Time: 3.5
 Mileage: 90

The daily report is preliminary and is provided solely as evidence that a site visit was performed.

GTA Reviewer: Stuart Ballance



Project No. 201253x037
Project Name: 5015 Hillmon Grove Road

Date: 1 / 19 / 2022
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Site conditions observed



Site conditions observed