



ET ENGINEERING, P.A.
GEOTECHNICAL & ENVIRONMENTAL ENGINEERS
P.O. Box 477, Graham, NC 27253 (336) 516-7205

PROJECT: Atherstone
LOCATION: Angier, NC

REPORT DATE: 3/20/2024
COMMENTS:

CONTRACTOR: LGI

STREET ADDRESS: 208 Ivy Bank

LOT NO: 109

PERMIT NO.: SFD2308-0062

COMPONENT: 3rd Party Mono Slab

**Summaries of Engineering Services performed, including Field Test Data.
Location, Elevations and Depths are estimated.**

SUMMARY:

Arrived on site as requested by the contractor to perform a third party inspection of a turn down slab at the above referenced residential site. The design bearing capacity is 2000 psf. Footing and slab areas were probed and found capable of supporting an allowable soil bearing capacity of 2000psf. Footings were free of loose dirt and cleared of any organic material. Footings were a minimum of 16" wide and 20" deep. All footing depths extend beyond the 12" frost line depth. Slab has been filled with suitable soil and compacted. Slab thickness measured 4", minimum. Spot footings were placed in accordance with the architectural foundation plan on-site. Contractor installed a 6 mil. vapor barrier over slab. Contractor installed a 2" - R-10 insulation board around the perimeter of the exterior footing. This work was performed in accordance with accepted engineering practices as required by the 2018 North Carolina Residential Building Code. Noted areas were approved for the placement of 3000 psi concrete.



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: <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 #: SFD2308-0062
Project Name: Atherstone	Owner:
Project Address: 208 Ivy Bank	Suite No:
Date Inspected: 3/20/24	Contractor Name: LGI
Component Inspected: 3rd Party Mono Slab	

Responsible Licensed NC Architect or NC Engineer

Name:	Brandon M. Holt, P.E.
Firm Name:	ET Engineering
Phone Numbers:	Office: Mobile: (336) 516-7205
Email Address:	Bmholt75@outlook.com

APPLICABLE CODE: 2018 NCRC

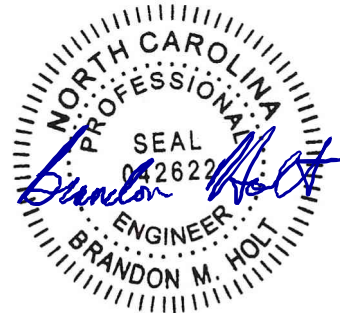
2018 NCBC = 2018 NC building Code: 2018 NCRC = 2018 NC Residential Code

Describe Element/Component/Type of Inspection:* **3rd Party Mono Slab**

*(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.



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 the 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 1, 2021