



**ET ENGINEERING, P.A.**  
GEOTECHNICAL & ENVIRONMENTAL ENGINEERS

P.O. Box 24487, Winston-Salem, NC 27114-4487 (336)414-7011

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**PROJECT:** Atherstone  
**LOCATION:** Angier, NC

**JOB NUMBER:** 23-483  
**REPORT DATE:** 3/23/2023

**CONTRACTOR:** LGI

**COMMENTS:**

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**STREET ADDRESS:** 357 Coleshill Road

**LOT NO:** 135

**PERMIT NO.:** SFD2301-0061

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**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 check bearing capacity for a turned down slab at the above referenced site. The design bearing capacity is 2000 psf. The turned down slab area was probed and found to be capable of supporting an allowable soil bearing capacity of 2000 psf. Footings are free of loose dirt and cleared of any organic material. Footings were a minimum of 16" wide and 20" deep. Slab has been filled with suitable soil and compacted. Slab thickness measured with a minimum 4". All areas of thickened slab were installed as per the project drawings. Contractor has installed a 6 mil. vapor barrier over slab and taped pipe penetrations and seams. Contractor has installed a 2" x 20" R-10 insulation board around the perimeter. Contractor has installed two #3 bars continuous. This area was 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: <b>x</b> Y            N	Commercial Project:            Y            N
Code Enforcement Project No:	Permit #: <b>SFD2301-0061</b>
Project Name: <b>Atherstone</b>	Owner:
Project Address: <b>357 Coleshill Road</b>	Suite No:
Date Inspected: <b>3/23/23</b>	Contractor Name: <b>LGI</b>
Component Inspected: <b>3rd Party Mono Slab</b>	

**Responsible Licensed NC Architect or NC Engineer**

Name:	<b>John M. Riley, P.E.</b>
Firm Name:	<b>ET Engineering</b>
Phone Numbers:	Office:                    Mobile: <b>336-414-7011</b>
Email Address:	<b>Jriley1951@att.net</b>

APPLICABLE CODE:                                **2018 NCRC**

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

Describe Element/Component/Type of Inspection:\*     **3<sup>rd</sup> Party Mono Slab**

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\*(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

SEAL

**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