



Pinnacle Engineering & Inspections, PLLC

GEOTECHNICAL & ENVIRONMENTAL ENGINEERS

P.O. Box 477, Graham, NC 27253 (336) 516-7205

Partnered with ET Engineering

Firm No. 2839

PROJECT: Brayden Reserve

REPORT DATE: 11/10/2025

LOCATION: Broadway, NC

COMMENTS:

CONTRACTOR: LGI

STREET ADDRESS: 45 Empress St.

LOT NO: 48

PERMIT NO.: SFD2503-0011

COMPONENT: 3rd Party Footing
Inspection

Summaries of Engineering Services performed, including Field Test Data.

Location(s), Elevation(s), and Depth(s) noted are estimated.

SUMMARY:

Arrived on site as requested by the contractor to perform a third party inspection for a conventional footing at the above referenced site. The design bearing capacity is 2000 psf. Footing measured 16" x 10" minimum with 2 - #4 rebar continuous throughout. Footings were probed and found capable of supporting an allowable soil bearing capacity of 2000 psf. All footings extended beyond the 12" minimum frost line. Footings were free of loose soil, organics, and otherwise appeared to be in satisfactory compliance with minimum standards set out in the 2018 North Carolina Residential Building Code. This work was performed in accordance with accepted engineering practices as required by the 2018 NCRBC. Areas inspected were approved for 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 #:	SFD2503-0011
Project Name:	Brayden Reserve	Owner:	-
Project Address:	45 Empress St.	Suite No:	-
Date Inspected:	11/10/25	Contractor Name:	LGI
Component Inspected: 3rd Party Footing Inspection			

Responsible Licensed NC Architect or NC Engineer

Name:	Brandon M. Holt, P.E.		
Firm Name:	Pinnacle Engineering & Inspections, PLLC - Firm No. P-2839		
Phone Numbers:	Office: (743) 205-3905	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:* **See Report for Description**

*(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