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: Yes	Commercial Project: No
Code Enforcement Project No:	Permit No:SFD2506-0037
Project Name: Harrington Place 67	Owner: Smith Douglas
Project Address: 87 Sage Dr.	Suite No:
Date Inspected: 7-10-25	Contractor Name:
Component Inspected: Monoslab	

Responsible Licensed NC Architect or NC Engineer

Name:	Bryant Mueller	
Firm Name:	TM Engineering, Inc.	
Phone Numbers:	Office: 919-468-2545	Mobile:
Email Address:	Bryantm@tmengineering.org	
Mailing Address:		103 Hiawatha Ct, Cary NC 27513

APPLICABLE CODE: 2018 NCRC sections R403.1.1 & R403.1.5 2018 NCBC = 2018 NC Building Code; 2018 NCRC = 2018 NC Residential Code

Describe Element/Component/Type of Inspection: *

3rd party inspection of layout, dimensions, vapor barrier, insulation per town approved onsite plans per applicable 2018 NCRC. Porch included.

*(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 approved plans & specifications for the project. This inspection is in compliance with all of the requirements of the above referenced code. Minor cracking is common in construction and may result from factors such as temperature changes, concrete shrinkage, moisture variation, settlement, or construction practices. This form does not imply any warranty or performance guarantee. This document is intended for use only by the client or its authorized representatives with written consent.

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.



Report of Foundation Bearing Conditions

Project: Harrington Place 67 Location: Broadway Client: Smith Douglas Date: July 10,2025

TM Engineering, Inc. has inspected foundation bearing conditions for the above referenced construction. Our evaluation consisted of visually evaluating the exposed subgrades and by probing with a 1/2 inch steel rod. Dynamic cone penetrometer techniques were used to correlate surface soil conditions to bearing capacity. Foundations were excavated up to 1.50 ft below site grade. Results indicate the exposed soils to have penetration resistance which will provide the specified minimum 2,000 PSF of bearing capacity. It should be noted that minor cracking commonly occurs in construction for various reasons including but not limited to, temperature fluctuations relative to expansion and contraction of materials, concrete shrinkage, changes in moisture content, improper construction, and normal settlement. No warranty is implied for such items by this letter. Additionally, exposure of the soil subgrades to inclimate weather may compromise conditions requiring repairs and reinspection.

TME Notes included:

- 3rd party inspection of layout and dimensions noted to be consistent with onsite plans
- Design Professional Inspection form attached referencing 2018 NCRC sections R403.1.1,

& R403.1.5

- Porch/deck included
- Vapor barrier and insulation present

Sincerely,



TM Engineering, Inc.(C3201)



