

## 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="radio"/> Y <input type="radio"/> N	Commercial Project: <input type="radio"/> Y <input type="radio"/> N
Code Enforcement Project No:	Permit No:
Project Name:	Owner:
Project Address: 150 Shelby Meadow Lane - Angier, NC	Suite No:
Date Inspected: 05.29.24	Contractor Name: DRB GROUP
Component Inspected: Footing	

### Responsible Licensed NC Architect or NC Engineer

Name:	Jerome Rufaro Redmond, PE		
Firm Name:			
Phone Numbers:	Office:	Mobile: 910.915.6529	
Email Address:	Jrednc5@yahoo.com		
Mailing Address:	8209A Market St. Ste . 222 Wilmington, NC 28411		

#### APPLICABLE CODE:

**2018**    NCRC

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

Describe Element/Component/Type of Inspection: \*

Dimensions and reinforcing met or exceeded design specifications. The subgrade met or exceeded minimum bearing requirement (See attached letter for over excavation of soft soil area). Detail reference: Sheet S1.0& SD1.2

\*(subgrade form/letter may also be required)

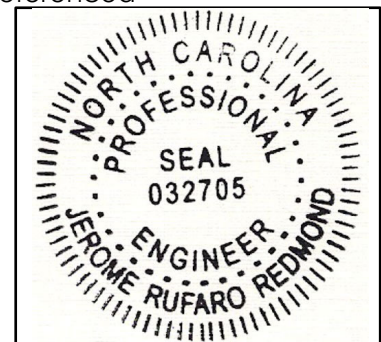
#### Attestation/Signature:

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.

J. H. Rufaro

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Licensed Architect or Engineer



#### Inspection Department disclaimer:

Upon the receipt of a signed written document as required under subsection (a) of G.S. 160D-11-1, 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.

May 30, 2024

# MEMO

**RE:** 150 Shelby Meadow Lane - Angier, NC

**Project No:** HM024194

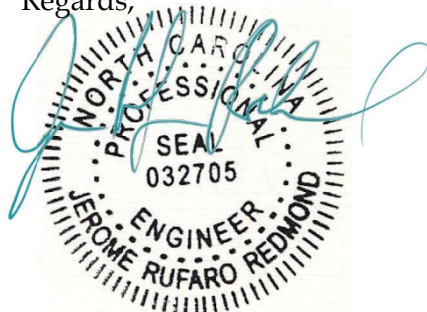
As requested, an assessment of the footing construction at said location has been completed and the following determinations have been made:

- All dimensions and reinforcing met or exceeded design specifications.
- There was soft soil encountered in both the perimeter footing and some of the spread footings. To ensure minimum 2000 psf bearing capacity, the soil was excavated 36" below grade and 24" of #57 stone was installed.

In conclusion, the foundation was installed per design intent and determined to be structurally sufficient and in compliance with the NCRC.

Please give me a call if you have any further questions.

Regards,



Jerome Rufaro Redmond, PE  
Principal Structural Engineer