

Sims Quality Engr-Const Consultant PLLC

5338 Clubhouse Lane Hope Mills, NC 28348

NC PE License # : 059559

NC Business License # : P-3157

October 7, 2025

Eddie Guyton

Allbuild Home Improvements and Repairs

eddieallbuild@gmail.com

910-977-3046

Subject: Footing Projection at 422 Hillandale Rd, Spring Lake, NC

Per your request, I met with you at 422 Hillandale Rd to view the foundation and brickwork for a patio addition. Please see attached pictures showing the as-built condition of the 4" brick wall sitting upon a 9" deep by 18" wide concrete footing.

NC Residential Building Code R403.1.1 calls for a 2- inch projection. Most of the wall has between 2 and 4 inch projections except at a short section of the wall which reveals less than that. Due the short height of the wall with minimal load/overturning forces and being well-constructed, **I feel that the wall as built is well adequate to perform the intended function to support the patio slab being constructed.**

See attached Appendix G form approving this installation. Please let me know if you have any questions.



Carl P Sims

Sims Quality Engr-Const Consultant PLLC

CSims51@twc.com

757-419-1714



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: <u>(Y)</u> N	Commercial Project: Y <u>(N)</u>
Project Name: <u>REAR PATIO</u>	Permit No:
Project Address: <u>422 Hillandale</u> <u>Spring Lake, NC 28390</u>	Owner:
Date Inspected: <u>October 7, 2025</u>	Suite No:
Contractor Name: <u>H5R/All Build</u>	
Component Inspected: <u>Patio Wall Footing</u>	

Responsible Licensed NC Architect or NC Engineer

Name:	<u>CARL P. SIMS</u>
Firm Name:	<u>Sims Quality Engr - Const Consultant PLLC</u>
Phone Numbers:	Office: <u>757-419-1714</u> Mobile: <u>757 419 1714</u>
Email Address:	<u>C.Sims51@twc.com</u>
Mailing Address:	<u>5338 Clubhouse Lane Hope Mills, NC 28348</u>

APPLICABLE CODE:

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

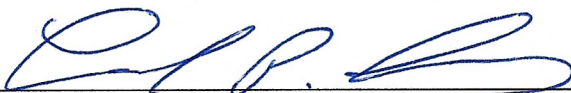
Describe Element/Component/Type of Inspection: *

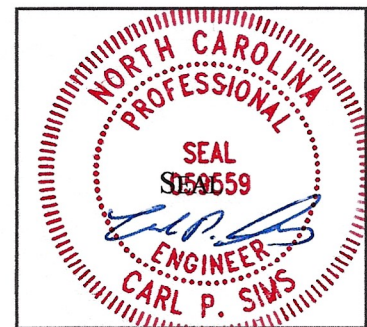
Inspect Patio Wall for Projection of
Brick Wall on Footing

*(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 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.