

Wayne R. Dashield, PE

421-B BRIGHT LEAF BLVD.

Smithfield, NC 27577

4/14/2025

CONE PENETROMETER TEST RESULTS

HARNETT COUNTY INSPECTION

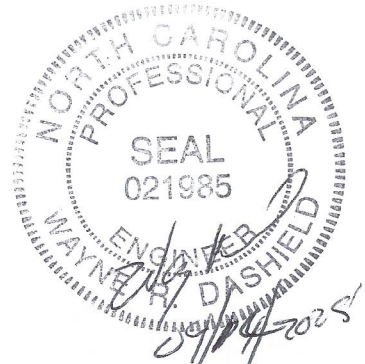
4140 HWY 55 EAST

SOIL BEARING TESTS

TEST NO.	LOCATION	FOUNDATION TYPE	DEPTH IN FT. BELOW BOTTOM OF FOUNDATION	DIAL READING	CALCULATED BEARING LBS. / S.F.	Pass / Fail	Soil Type
1	FRONT RT CORNER	PIER	0.0	380	3581	Pass	SM
1A	FRONT RT CORNER	PIER	1.0	403	3794	Pass	SM
2	10' OFF FRONT RT CORNER	PIER	0.0	360	3396	Pass	SM
2A	10' OFF FRONT RT CORNER	PIER	1.0	392	3692	Pass	SM
3	10' OFF LF FRONT LT CORNER	PIER	0.0	360	3396	Pass	SM
3A	10' OFF LF FRONT LT CORNER	PIER	1.0	392	3692	Pass	SM
4	LF REAR CORNER	PIER	0.0	300	2841	Pass	SM
4A	LF REAR CORNER	PIER	1.0	308	2915	Pass	SM
5	20' OFF LF REAR CORNER	PIER	0.0	402	3785	Pass	SM
5A	10' OFF LF REAR CORNER	PIER	1.0	320	3026	Pass	SM
6	10' OFF LF REAR CORNER	PIER	0.0	328	3100	Pass	SM
6A	10' OFF RT REAR CORNER	PIER	1.0	420	3951	Pass	SM
7	10' OFF RT REAR CORNER	PIER	0.0	390	3674	Pass	SM
7A	10' OFF LT REAR CORNER	PIER	1.0	426	4007	Pass	SM
8	ML 30' OF RT END	PIER	0.0	390	3674	Pass	SM
8A	ML 30' OF RT END	PIER	1.0	458	4303	Pass	SM
9	ML 35' OF LF END	PIER	0.0	278	2638	Pass	SM
9A	ML 35' OF LF END	PIER	1.5	396	3729	Pass	SM

COMMENTS:

All cone penetrometer test were preformed
on exterior footings and pier footings
MINIMUM BEARING 2000 PSF



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: Y N	Commercial Project: Y N
Code Enforcement Project No:	Permit No:
Project Name:	Owner:
Project Address: <u>4140 Hwy 55 E</u> <u>Dunn, NC 28334</u>	Suite No:
Date Inspected: <u>4/14/25</u>	Contractor Name:
Component Inspected: <u>Footings / Bearing</u>	

Responsible Licensed NC Architect or NC Engineer

Name:	<u>WAYNE R DASHIELD</u>
Firm Name:	<u>WAYNE R DASHIELD, PE</u>
Phone Numbers:	Office: <u>(919) - 934-0961</u> Mobile:
Email Address:	<u>wrdashieldpe@gmail.com</u>
Mailing Address:	<u>421-B South Brightleaf Blvd Smithfield, NC 27577</u>

APPLICABLE CODE:

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

Describe Element/Component/Type of Inspection: *

<u>Bearing for Footings</u>

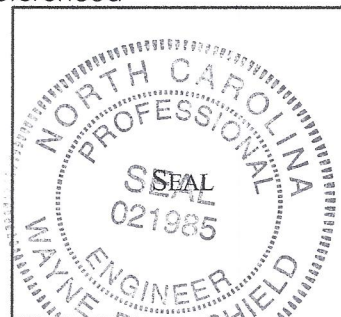
*(subgrade form/letter may also be required)

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.

Wayne R Dashield 04/14/25

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.