

# Wayne R. Dashfield, PE

421-B South Bright Leaf Blvd. Smithfield, NC 27577

(919) 934-0961

October 11, 2024

Re: Ample Storage  
Permit # BCOM 2406-0005  
Foundation Inspection Building "B"  
404 East Jackson Blvd  
Erwin, North Carolina

Att. Harnett County Inspection

Dear Sir- Madam:

On October 10, 2024 I made an onsite visit to the proposed Ample Storage Facility located at 404 East Jackson Blvd in Erwin, NC. The purpose of this visit was to act as a third party inspector for the excavation and the placement of the #4 and #5 foundation rebar's in the footings.

A total of (2) # 4 rebar's were installed around the perimeter footing of building and #5 "L" rebar spaced at 24" O.C. at the south end of pad "B". I have inspected the contractors' installation of the necessary items. I will certify that the contractor has met the requirements of the construction documents for the excavation of the footings and the placement of the required rebar. Also I have attached the soil bearing tests and soil compaction tests results for building "B".

If I can be of any more assistance, please feel free to contact me.

Yours truly,

Wayne R. Dashfield, PE



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 421-B BRIGHT LEAF BLVD.  
 Smithfield, NC 27577

10/10/2024

CONE PENETROMETER TEST RESULTS  
 AMPLE STORAGE BUILDING "B"  
 PERMIT# BCOM 2406-0008  
 404 EAST JACKSON BLVD  
 SOIL BEARING TESTS

TEST NO.	LOCATION	FOUNDATION TYPE	DEPTH IN FT.		DIAL READING	CALCULATED BEARING LBS. / S.F.	Pass	Soil
			BELOW BOTTOM OF FOUNDATION				/	Type
1	S END OF BLD "B"	FOOTING	1.0		410	3859	Pass	SM
2	25' OFF SW OF BLD "B"	FOOTING	1.0		392	3692	Pass	SM
3	90' OFF SE CORNER	FOOTING	1.0		473	4441	Pass	SM
4	CENTER OF N END	FOOTING	1.0		482	4525	Pass	SM
5	40' OFF NE CORNER	FOOTING	1.0		370	3489	Pass	SM
6	10' OFF SW CORNER	FOOTING	1.0		384	3618	Pass	SM



All cone penetrometer test were preformed  
 in the center of the footing  
 MINIMUM BEARING 3000 PSF

WAYNE R. DASHIELD, PE  
 421-B SOUTH BRIGHT LEAF BLVD  
 SMITHFIELD, NC 27577

**IN-PLACE DENSITY TEST RESULTS**  
**ASTM-1556**

SHEET 1 of 1

DATE OF REPORT

11-Oct-24

PROJECT NAME **ERWIN AMPLE -STORAGE "B" PERMIT # BCOM-2406-0005**  
 LOCATION **404 EAST JACKSON BLVD, ERWIN NC**  
 CONTRACTOR NAME AND ADDRESS **AMPLE STORAGE , SMITHFIELD, NC**

Test Number	24	25
Date Tested	10-Oct-24	10-Oct-24
Bulk-Density of Sand AASHTO-Standard	39892.0 D-698	39892.0 D-698
Test Location	PAD "B" 10' OFF NW CORNER SIDE	PAD "B" CENTER OF PAD
Elevation	FSG	FSG
Volume of hole, cu.ft.	0.048	0.050
Wet density of soil from hole,pcf	129.0	128.6
Percent moisture	10.9%	11.3%
Dry density of soil from hole	116.3	115.6
Maximum dry density	118.1	118.1
Optimum water content	10.2%	10.2%
<b>Percent compaction</b>	<b>98.5%</b>	<b>97.9%</b>
<b>PASS / FAIL</b>	<b>PASS</b>	<b>PASS</b>



## 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 <input type="checkbox"/> N <input checked="" type="checkbox"/>	Commercial Project: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
Code Enforcement Project No:	Permit No: <u>BCom 2406-0005</u>
Project Name: <u>AMPLE STORAGE - Erwin</u>	Owner: <u>AMPLE - STORAGE</u>
Project Address: <u>404 E Jackson Blvd Erwin</u>	Suite No: <u>Building "B"</u>
Date Inspected:	Contractor Name: <u>AMPLE STORAGE</u>
Component Inspected: <u>FOOTINGS, SOIL BEARING &amp; COMPACTION</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 NCBC = 2018 NC Building Code; 2018 NCRC = 2018 NC Residential Code

Describe Element/Component/Type of Inspection: \*

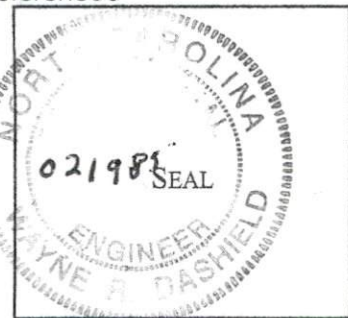
Footings, Soil BEARING, COMPACTION

\*(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 10/14/24  
 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.