

# Wayne R. Dashfield, PE

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

(919) 934-0961

October 16, 2024

Re: Ample Storage  
Permit # BCOM 2406-0006

Foundation Inspection Building "D"  
404 East Jackson Blvd  
Erwin, North Carolina

Att. Harnett County Inspection

Dear Sir- Madam:

On October 08, 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 foundation rebar's in the footings.

There were was a total of (2) # 4 rebar's were installed around the perimeter footing of building "D".

I have inspected the contractors' installation of the necessary items. I will certify that the contractor has met 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 "D".

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

Yours truly,

Wayne R. Dashfield, PE



*Wayne R. Dashfield*  
10/16/24  
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Wayne R. Dashfield, PE  
 421-B BRIGHT LEAF BLVD.  
 Smithfield, NC 27577

10/16/2024

CONE PENETROMETER TEST RESULTS  
 AMPLE STORAGE BUILDING "D"  
 PERMIT# BCOM 2406-0006  
 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
							Fail	
1	N END OF BLD "D"	FOOTING	1.0		450	4229	Pass	SM
2	30' OFF NEW OF BLD	FOOTING	1.0		385	3627	Pass	SM
3	90' OFF NE CORNER	FOOTING	1.0		426	4007	Pass	SM
4	20' OFF NE COPRER	FOOTING	1.0		386	3637	Pass	SM
5	CENTER OF S END	FOOTING	1.0		430	4044	Pass	SM
6	40' OFF SW CORNER	FOOTING	1.0		437	4108	Pass	SM
7	10' OFFCENTER	FOOTING	1.0		347	3276	Pass	SM
8	40' OFF NW CORNER	FOOTING	1.0		361	426	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

16-Oct-14

PROJECT NAME ERWIN AMPLE -STORAGE "D" PERMIT # BCOM-2406-0006  
 LOCATION 404 EAST JACKSON BLVD, ERWIN NC  
 CONTRACTOR NAME AND ADDRESS AMPLE STORAGE, SMITHFIELD, NC

Test Number	26	27	28 <del>20</del>	29 <del>30</del>
Date Tested	14-Oct-24	14-Oct-24	14-Oct-24	14-Oct-24
Bulk-Density of Sand AASHTO-Standard	39892.0 D-698	39892.0 D-698	39893.0 D-698	39894.0 D-698
Test Location	PAD "D" 10' OFF NW CORNER SIDE	PAD "D" CENTER OF PAD POUR 1	PAD "D" CENTER OF PAD POUR 2	10' OFF NW CORNER
Elevation	FSG	FSG	FSG	FSG
Volume of hole, cu.ft.	0.045	0.046	0.052	0.050
Wet density of soil from hole,pcf	124.1	120.6	124.9	122.0
Percent moisture	8.6%	6.5%	9.4%	4.6%
Dry density of soil from hole	114.3	113.2	114.1	116.7
Maximum dry density	118.1	118.1	118.1	118.1
Optimum water content	10.2%	10.2%	10.2%	10.2%
Percent compaction	96.8%	95.9%	96.6%	98.8%
PASS / FAIL	PASS	PASS	PASS	PASS

## 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: <input checked="" type="radio"/> Y <input type="radio"/> N
Code Enforcement Project No:	Permit No: <u>BCOM 2406-0006</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 "D"</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

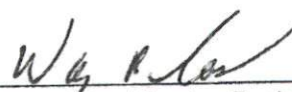
Describe Element/Component/Type of Inspection: \*

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.


10/16/24  
 \_\_\_\_\_  
 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.