

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: <u>(Y)</u> N
Code Enforcement Project No:	Permit No: <u>BLOM 2406-0009</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 "G"</u>
Date Inspected: <u>09/05/24</u>	Contractor Name: <u>Ample Storage</u>
Component Inspected: <u>FOOTINGS, SOIL BEARING & 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 Brightleaf Blvd. Smithfield, NC 27557</u>

APPLICABLE CODE:

2018 NCBC

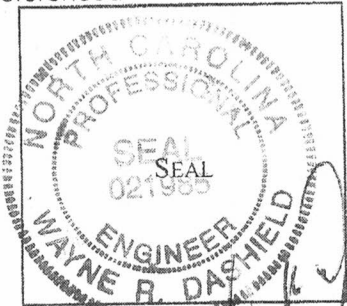
Describe Element/Component/Type of Inspection: *

Footings, SOIL BEARING, COMPACTION

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
 Licensed Architect or Engineer



09/05/24

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.

Wayne R. Dashfield, PE

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

(919) 934-0961

September 11, 2024

Re: Ample Storage
Permit # BCOM 2406-0009
Foundation Inspection Building "G"
404 East Jackson Blvd
Erwin, North Carolina

Att. Harnett County Inspection

Dear Sir- Madam:

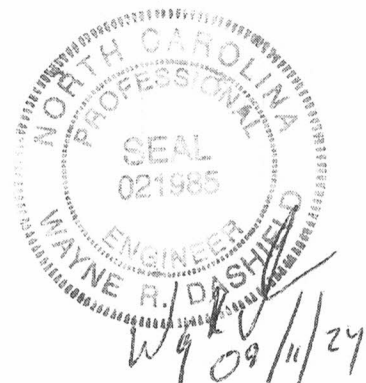
On September 10, 2024 I made an onsite visit to the proposed Ample Storage Facility located at 404 East Jackson Blvd in Erwin, NC. The purpose of this visit was to act as a third party inspector for the soil compaction test, soil bearing tests and the placement of the foundation rebar's in the footings. There were (2) #4 debars placed along the perimeter of building pad "G" as specified in the contract documents.

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 # 4 bars. Also attached is the soil bearing tests for the footings for building "G".

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

Yours truly,

Wayne R. Dashfield, PE

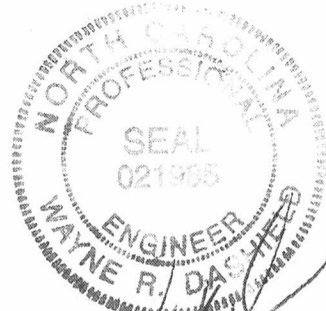


Wayne R. Dashfield, PE
 421-B BRIGHT LEAF BLVD.
 Smithfield, NC 27577

9/10/2024

CONE PENETROMETER TEST RESULTS
 AMPLE STORAGE BUILDING "G"
 PERMIT# BCOM2406-0009
 404 EAST JACKSON BLVD
 SOIL BEARING TESTS

TEST NO.	LOCATION	FOUNDATION TYPE	DEPTH IN FT.		DIAL BEARING READING	CALCULATED BEARING LBS. / S.F.	Pass / Fail	Soil Type
			BELOW BOTTOM OF FOUNDATION					
1A	NE END OF BLD "G"	FOOTING	0.0		420	3951	Pass	SM
1B	NE END OF BLD "G"	FOOTING	1.0		500	4691	Pass	SM
2A	30' OFF NE OF BLD "G"	FOOTING	0.0		370	3489	Pass	SM
2B	30' OFF NO OF BLD "G"	FOOTING	1.0		500	4691	Pass	SM
3A	1ST SECT NE SIDE EXP	FOOTING	0.0		390	3674	Pass	SM
3B	1ST SECT NE SIDE EXP	FOOTING	1.0		501	4700	Pass	SM
4A	5 OFF 2ND SECT W SID	FOOTING	0.0		430	4044	Pass	SM
4B	7 OFF 2ND SECT W SID	FOOTING	1.0		500	4691	Pass	SM
5A	SE CORNER	FOOTING	0.0		360	3396	Pass	SM
5B	SE CORNER	FOOTING	1.0		360	3396	Pass	SM
6A	SW CORNR	FOOTING	0.0		380	3581	Pass	SM
6B	SW CORNR	FOOTING	1.0		420	3951	Pass	SM
7A	10' S of EXPAN JOINT	FOOTING	0.0		427	4016	Pass	SM
7B	10' S of EXPAN JOINT	FOOTING	1.0		508	4765	Pass	SM
8A	NW END OF BLD "G"	FOOTING	0.0		415	3905	Pass	SM
8B	NW END OF BLD "G"	FOOTING	10.0		550	5154	Pass	SM



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

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

IN-PLACE DENSITY TEST RESULTS

ASTM-1556

DATE OF REPORT

11-Sep-24

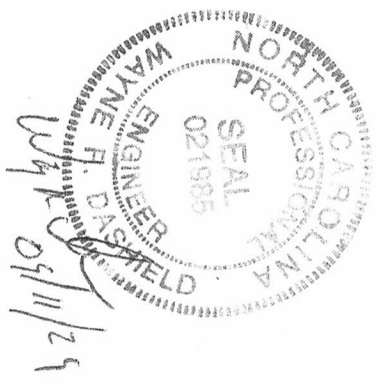
SHEET 1 of 2

PROJECT NAME ERWIN AMPLE STORAGE "G" PERMIT # BCOM 2406-0009
 LOCATION 404 EAST JACKSON BLVD, ERWIN NC
 CONTRACTOR NAME AND ADDRESS AMPLE STORAGE, SMITHFIELD, NC

Test Number	7	8	9
Date Tested	10-Sep-24	10-Sep-24	10-Sep-24
Bulk-Density of Sand	39892.0	39892.0	39892.0
AASHTO-Standard	D-698	D-698	D-699

Test Location	PAD "G" 10' OFF SE CORNER	PAD "G" CENTER	15' OFF SW CORNER PAD "G"
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Elevation	FSG	FSG	FSG
Volume of hole, cu. ft.	0.052	0.058	0.051
Wet density of soil from hole,pcf	131.8	131.8	129.7
Percent moisture	10.5%	12.5%	10.8%
Dry density of soil from hole	119.3	117.2	117.0
Maximum dry density	114.1	114.1	114.1
Optimum water content	10.2%	10.2%	10.2%
Percent compaction	104.6%	102.7%	102.6%
PASS / FAIL	PASS	PASS	PASS



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 421-B SOUTH BRIGHT LEAF BLVD
 SMITHFIELD, NC 27577

IN-PLACE DENSITY TEST RESULTS

ASTM-1556

DATE OF REPORT

11-Sep-24

SHEET 1 of 2

PROJECT NAME ERWIN AMPLE-STORAGE "G" PERMIT # BCOM 2406-0009
 LOCATION 404 EAST JACKSON BLVD, ERWIN NC
 CONTRACTOR NAME AND ADDRESS AMPLE STORAGE, SMITHFIELD, NC

Test Number	10	11	12
Date Tested	10-Sep-24	10-Sep-24	10-Sep-24
Bulk-Density of Sand	39892.0	39892.0	39892.0
AASHTO-Standard	D-698	D-698	D-698

Test Location	PAD "G" 10' OFF NW CORNER AT EXPAN	PAD "G" CENTER OF PAD	PAD "G" 10' OFF SE CORNER AT EXPAN
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Elevation	FSG	FSG	FSG
Volume of hole, cu ft.	0.058	0.057	0.050
Wet density of soil from hole, pcf	121.6	132.3	127.8
Percent moisture	10.5%	12.5%	10.8%
Dry density of soil from hole	110.0	117.6	115.4
Maximum dry density	114.1	114.1	114.4
Optimum water content	12.4%	12.5%	12.5%
Percent compaction	96.4%	103.0%	100.8%
PASS / FAIL	PASS	PASS	PASS

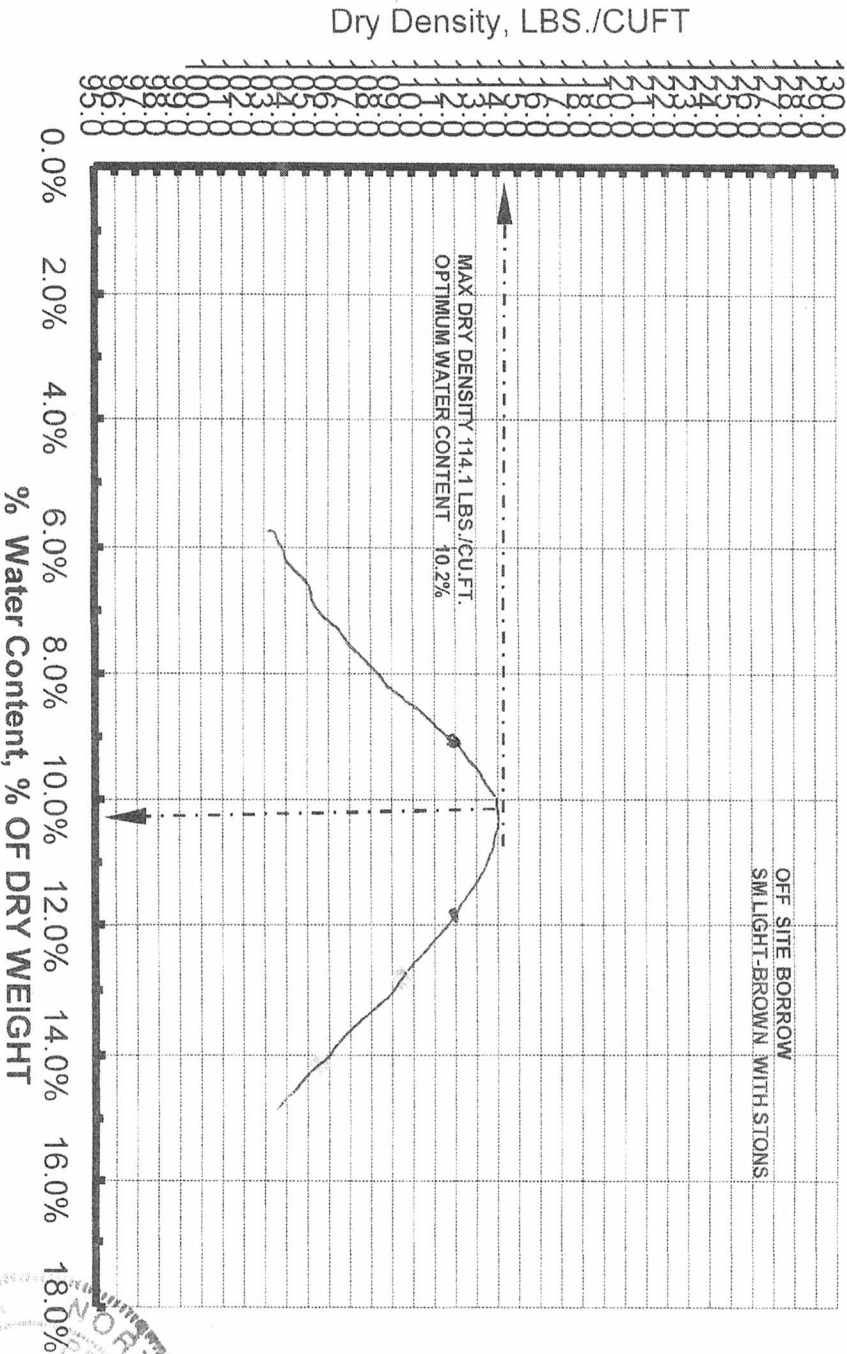


PROJECT:
AMPLE STORAGE
404 EAST JACKSON BLVD
ERWIN, NC

CONTRACTOR:
AMPLE STORAGE
SMITHFIELD, NC

DATE 09/02/24

LABORATORY COMPACTION CURVE ASTM-D698 PROCEDURE-A



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



WAYNE R. DASHFIELD, PE
09/02/24