

Wayne R. Dashfield, PE

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

(919) 934-0961

September 23, 2024

Re: Ample Storage
Permit # BCOM 2312-0298
Foundation Inspection Building "A"
404 East Jackson Blvd
Erwin, North Carolina

Att. Harnett County Inspection

Dear Sir- Madam:

On September 20, 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 #6 and #5 foundation rebar's in the footings.

There were (5) # 6 rebar's each way installed in each of the (9) F-1 pier footings. A total of (9) piers footing spaced at 16' O, C. along the south side of building "A". as specified in the contract documents were installed. Also, a total of (2) # 5 rebar's were installed around the perimeter footing of building "A".

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 test for building "A".

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

Yours truly,

Wayne R. Dashfield, PE



Wayne R. Dashfield
09/24/23

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 421-B BRIGHT LEAF BLVD.
 Smithfield, NC 27577

9/20/2024

CONE PENETROMETER TEST RESULTS
 AMPLE STORAGE BUILDING "A"
 PERMIT# BCOM 2312-0298
 404 EAST JACKSON BLVD
 SOIL BEARING TESTS

TEST NO.	LOCATION	FOUNDATION TYPE	DEPTH IN FT.		DIAL READING	CALCULATED PASS / FAIL		Soil Type
			BELOW BOTTOM OF FOUNDATION			BEARING LBS. / S.F.		
1A	NW END OF BLD "A"	FOOTING	0.0		374	3526	Pass	SM
1B	NW END OF BLD "A"	FOOTING	1.0		390	3674	Pass	SM
2A	30' OFF NW OF BLD "A"	FOOTING	0.0		360	3396	Pass	SM
2B	30' OFF NW OF BLD "A"	FOOTING	1.0		420	3951	Pass	SM
3A	SW CORNER BLD "A"	FOOTING	0.0		390	3674	Pass	SM
3B	SW CORNER BLD "A"	FOOTING	1.0		362	3415	Pass	SM
4A	SW CORNER 1st PIER	PIER	0.0		389	3664	Pass	SM
4B	SW CORNER 1st PIER	PIER	1.0		412	3877	Pass	SM
5A	S SIDE 4th PIER	PIER	0.0		360	3396	Pass	SM
5B	S SIDE 4th PIER	PIER	1.0		386	3637	Pass	SM
6A	S SIDE 7th PIER	PIER	0.0		481	4515	Pass	SM
6B	S SIDE 7th PIER	PIER	1.0		420	3951	Pass	SM
7A	10' S E CORNER	FOOTING	0.0		427	4016	Pass	SM
7B	10' S E CORNER	FOOTING	1.0		508	4765	Pass	SM
8A	WEST SIDE	FOOTING	0.0		422	3970	Pass	SM
8B	WEST SIDE	FOOTING	1.0		580	5431	Pass	SM

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



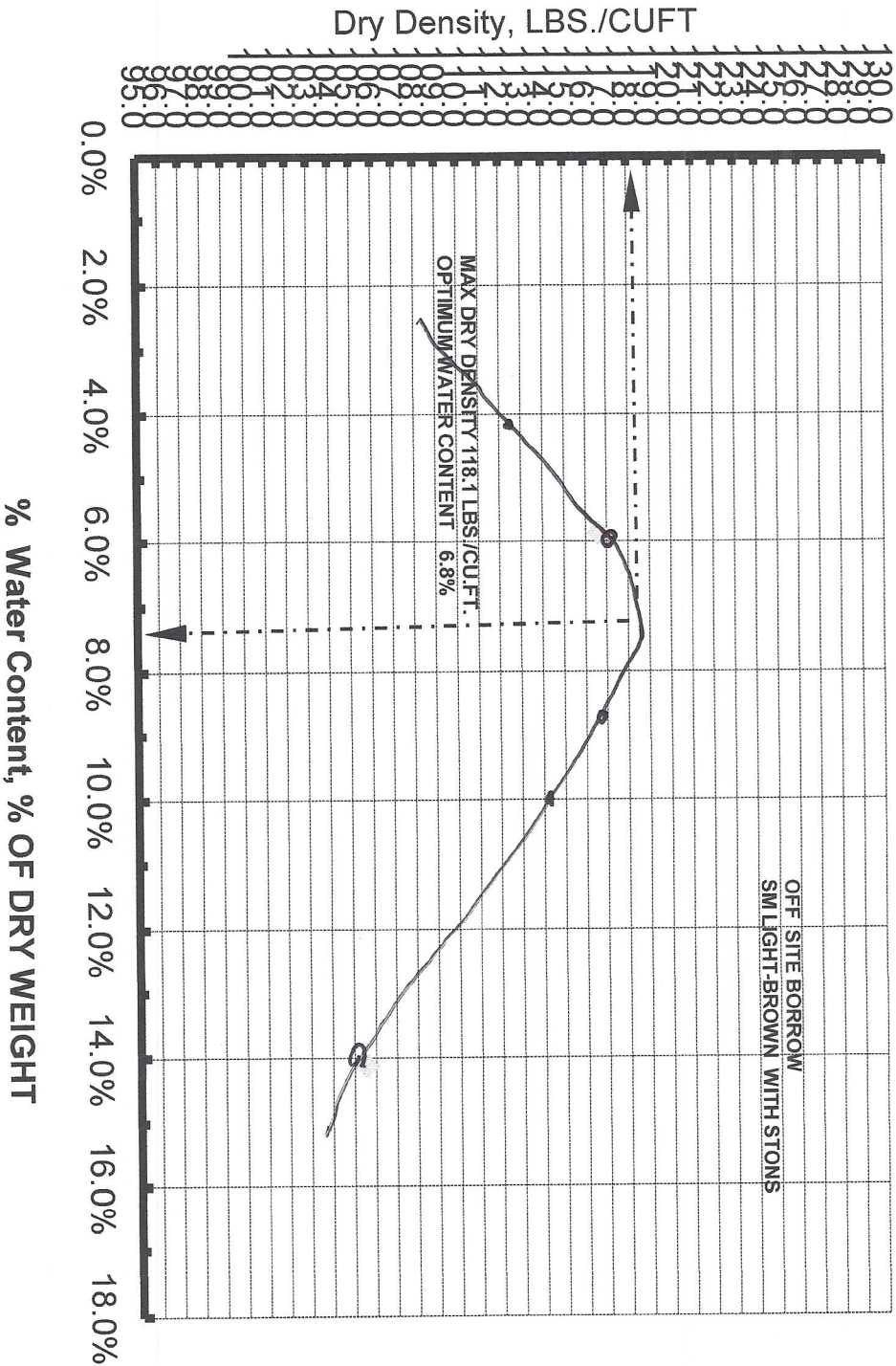
Wayne R. Dashfield
 09/20/24

PROJECT:
AMPLE STORAGE
404 EAST JACKSON BLVD
ERWIN, NC

CONTRACTOR:
AMPLE STORAGE
SMITHFIELD, NC

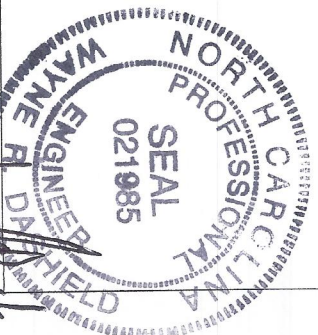
DATE 09/05/24

LABORATORY COMPACTION CURVE ASTM-D698 PROCEDURE-A



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

IN-PLACE DENSITY TEST RESULTS

ASTM-1556

DATE OF REPORT

23-Jun-24

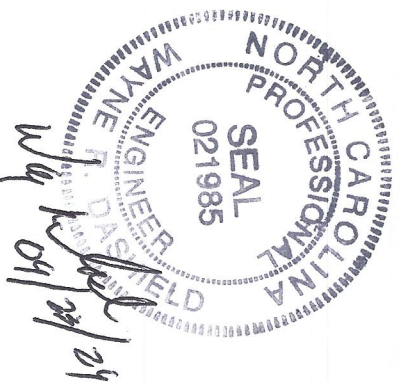
SHEET 1 of 2

PROJECT NAME ERWIN AMPLE -STORAGE "A" PERMIT # BCOM 2312-0298
 LOCATION 404 EAST JACKSON BLVD, ERWIN NC
 CONTRACTOR NAME AND ADDRESS AMPLE STORAGE, SMITHFIELD, NC

Test Number	13	14	15
Date Tested	20-Sep-24	20-Sep-24	20-Sep-24
Bulk-Density of Sand	39892.0	39892.0	39892.0
AASHTO-Standard	D-698	D-698	D-698

Test Location	PAD "A" 10' OFF NE CORNER	PAD "A" 10' OFF SW CORNER	PAD "A" 50' OFF SW CORNER
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Elevation	FSG	FSG	FSG
Volume of hole, cu.ft.	0.050	0.053	0.051
Wet density of soil from hole,pcf	125.7	124.5	129.0
Percent moisture	10.5%	9.5%	10.4%
Dry density of soil from hole	113.8	113.6	116.8
Maximum dry density	118.1	118.1	118.1
Optimum water content	6.8%	6.8%	6.8%
Percent compaction	96.3%	96.2%	98.9%
PASS / FAIL	PASS	PASS	PASS



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 SMITHFIELD, NC 27577

IN-PLACE DENSITY TEST RESULTS

ASTM-1556

DATE OF REPORT

23-Sep-24

SHEET 2 of 2

PROJECT NAME ERWIN AMPLE -STORAGE "A" PERMIT # BCOM 2312-0298
 LOCATION 404 EAST JACKSON BLVD, ERWIN NC
 CONTRACTOR NAME AND ADDRESS AMPLE STORAGE, SMITHFIELD, NC

Test Number	Date Tested	Bulk-Density of Sand	AASHTO-Standard
16	20-Sep-24	39892.0	D-698
17	20-Sep-24	39892.0	D-698
18	20-Sep-24	39892.0	D-698

Test Location PAD "A" 30' OFF NW CORNER SIDE
 PAD "A" 30' OFF SE CORNER
 PAD "A" OFFICE

Elevation	FSG	FSG	FSG
Volume of hole, cu. ft.	0.058	0.051	0.053
Wet density of soil from hole, pcf	133.9	133.4	133.6
Percent moisture	12.4%	11.3%	15.9%
Dry density of soil from hole	119.2	119.8	115.2
Maximum dry density	118.1	118.1	118.1
Optimum water content	6.8%	6.8%	6.8%
Percent compaction	100.9%	101.5%	97.6%
PASS / FAIL	PASS	PASS	PASS

