

# Wayne R. Dashfield, PE

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

(919) 934-0961

October 09, 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. 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

09-Oct-24

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	19	20	21
Date Tested	08-Oct-24	08-Oct-24	08-Oct-24
Bulk-Density of Sand	39892.0	39892.0	39892.0
AASHTO-Standard	D-698	D-698	D-698

Test Location	PAD "D" 10' OFF NW CORNER SIDE	PAD "D" CENTER OF PAD	10' OFF SE CORNER OF PAD
Elevation	FSG	FSG	FSG
Volume of hole, cu.ft.	0.057	0.050	0.050
Wet density of soil from hole,pcf	121.9	121.7	119.0
Percent moisture	10.9%	11.3%	9.6%
Dry density of soil from hole	109.9	109.4	108.6
Maximum dry density	114.1	114.1	114.1
Optimum water content	12.5%	12.5%	12.5%
<b>Percent compaction</b>	<b>96.3%</b>	<b>95.8%</b>	<b>95.2%</b>
<b>PASS / FAIL</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>



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

10/8/2024

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 / Fail	Soil Type
			BELOW BOTTOM OF FOUNDATION					
1	SW END OF BLD "D"	FOOTING	1.0		330	3119	Pass	SM
2	30' OFF SW OF BLD "D"	FOOTING	1.0		360	3396	Pass	SM
3	90' OFF SW CORNER	FOOTING	1.0		423	3979	Pass	SM
4	10' OFF NW COPRER	FOOTING	1.0		480	4506	Pass	SM
5	10; OFF NE CORNER	FOOTING	1.0		510	4784	Pass	SM
6	80; OFF NE CORNER	FOOTING	1.0		452	4247	Pass	SM
7	50' OFF NE CORNER	FOOTING	1.0		360	3396	Pass	SM
8	10' OFF NE CORNER	FOOTING	1.0		330	3119	Pass	SM
9	CENTER OF N END	FOOTING	1.0		380	3581	Pass	SM



*Wayne R. Dashield*  
 10/09/24

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