

# Wayne R. Dashfield, PE

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

(919) 934-0961

October 11, 2024

Re: Ample Storage  
Permit # BCOM 2406-0007  
Foundation Inspection Building "E"  
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 foundation rebar's in the footings.

A total of (2) # 4 rebar's were installed around the perimeter footing of building "E" 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 "E".

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 2

DATE OF REPORT 23-Sep-24

PROJECT NAME **ERWIN AMPLE -STORAGE "E" PERMIT # BCOM 2406-0007**  
 LOCATION 404 EAST JACKSON BLVD, ERWIN NC  
 CONTRACTOR NAME AND ADDRESS AMPLE STORAGE, SMITHFIELD, NC

	22	23
Test Number	22	23
Date Tested	10//10/24	10//10/24
Bulk-Density of Sand	39892.0	39892.0
AASHTO-Standard	D-698	D-698
Test Location	PAD "E" 30' OFF NW CORNER SIDE	PAD "E" 15' OFF SE CORNER
Elevation	FSG	FSG
Volume of hole, cu.ft.	0.059	0.058
Wet density of soil from hole,pcf	120.1	123.3
Percent moisture	10.7%	13.5%
Dry density of soil from hole	108.5	108.6
Maximum dry density	114.1	114.1
Optimum water content	12.5%	12.5%
Percent compaction	95.1%	95.2%
PASS / FAIL	PASS	PASS



*Wayne R. Dashield*  
 10/10/24

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 421-B BRIGHT LEAF BLVD.  
 Smithfield, NC 27577

10/10/2024

CONE PENETROMETER TEST RESULTS  
 AMPLE STORAGE BUILDING "E"  
 PERMIT# BCOM 2406-0007  
 404 EAST JACKSON BLVD  
 SOIL BEARING TESTS

TEST NO.	LOCATION	FOUNDATION TYPE	DEPTH IN FT.	DIAL	CALCULATED BEARING	Pass / Fail	Soil Type
			BELOW BOTTOM OF FOUNDATION	READING	LBS. / S.F.		
1	S END OF BLD "E"	FOOTING	1.0	382	3600	Pass	SM
2	30' OFF SE OF BLD "E"	FOOTING	1.0	320	3026	Pass	SM
3	90' OFF SE CORNER	FOOTING	1.0	322	3045	Pass	SM
4	10' OFF NE COPRER	FOOTING	1.0	391	3683	Pass	SM
5	CENTER OF N END	FOOTING	1.0	392	3692	Pass	SM
6	40' OFF NE CORNER	FOOTING	1.0	326	3082	Pass	SM
7	60' OFF NE CORNER	FOOTING	1.0	360	3396	Pass	SM
8	10' OFF SW CORNER	FOOTING	1.0	361	3405	Pass	SM



*Wayne R. Dashield*  
 10/10/24

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