

Wayne R. Dashfield, PE

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

(919) 934-0961

October 11, 2024

Re: Ample Storage
Permit # BCOM 2406-0008
Foundation Inspection Building "F"
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 and #5 foundation rebar's in the footings.

A total of (2) # 4 rebar's were installed around the perimeter footing of building and #5 "L" rebar spaced at 24" O.C. at the south end of pad "F". 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 "F".

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

Yours truly,

Wayne R. Dashfield, PE



WJ
10/17/24

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	Soil
			BELOW BOTTOM OF FOUNDATION				/	Type
							Fail	
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



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

Wayne R. Dashield
 10/09/24

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

10/10/2024

CONE PENETROMETER TEST RESULTS
 AMPLE STORAGE BUILDING "F"
 PERMIT# BCOM 2406-0008
 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
1	S END OF BLD "F"	FOOTING		1.0	410	3859	Pass	SM
2	25' OFF SW OF BLD "F"	FOOTING		1.0	392	3692	Pass	SM
3	90' OFF SE CORNER	FOOTING		1.0	473	4441	Pass	SM
4	CENTER OF N END	FOOTING		1.0	482	4525	Pass	SM
5	40' OFF NE CORNER	FOOTING		1.0	370	3489	Pass	SM
6	10' OFF SW CORNER	FOOTING		1.0	384	3618	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 09-Oct-24

PROJECT NAME **ERWIN AMPLE -STORAGE "F" PERMIT # BCOM-2406-0008**
 LOCATION 404 EAST JACKSON BLVD, ERWIN NC
 CONTRACTOR NAME AND ADDRESS AMPLE STORAGE , SMITHFIELD, NC

Test Number	24	25
Date Tested	10-Oct-24	10-Oct-24
Bulk-Density of Sand AASHTO-Standard	39892.0 D-698	39892.0 D-698
Test Location	PAD "B" 10' OFF NW CORNER SIDE	PAD "B" CENTER OF PAD
Elevation	FSG	FSG
Volume of hole, cu.ft.	0.048	0.050
Wet density of soil from hole,pcf	129.0	128.6
Percent moisture	10.9%	11.3%
Dry density of soil from hole	116.3	115.6
Maximum dry density	118.1	118.1
Optimum water content	10.2%	10.2%
Percent compaction	98.5%	97.9%
PASS / FAIL	PASS	PASS

