Wayne R. Dashield, 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. Dashield, PE



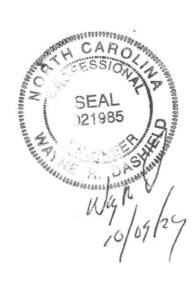
Wayne R. Dashield, PE 421-B BRIGHT LEAF BLVD. Smithfield, NC 27577

10/8/2024

CONE PENETROMETER TEST RESULTS AMPLE STORAGE BUILDING "D" PERMIT# BCOM 2406-0006 404 EAST JACKSON BLVD SOIL BEARING TESTS

			DEPTH IN FT.		CALCULATED	Pass	Soil
TEST		FOUNDATION	BELOW BOTTOM	DIAL	BEARING	/	Туре
NO.	LOCATION	TYPE	OF FOUNDATION	READING	LBS. / S.F.	Fail	
1 2 3 4 5 6 7	SW END OF BLD "D" 30' OFF SW OF BLD "D" 90' OFF SW CORNER 10' OFF NW COPRER 10; OFF NE CORNER 80; OFF NE CORNER 50' OFF NE CORNER	FOOTING FOOTING FOOTING FOOTING FOOTING FOOTING	1.0 1.0 1.0 1.0 1.0 1.0	330 360 423 480 510 452 360	3119 3396 3979 4506 4784 4247 3396	Pass Pass Pass Pass Pass Pass Pass	SM SM SM SM SM SM SM
8	10' OFF NE CORNER CENTER OF N END	FOOTING FOOTING	1.0 1.0	330 380	3119 3581	Pass Pass	SM

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



Wayne R. Dashield, 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

			DEPTH IN FT.		CALCULATED Pass		Soil
TEST		FOUNDATION	BELOW BOTTOM	DIAL	BEARING	/	Туре
NO.	LOCATION	TYPE	OF FOUNDATION	READING	LBS. / S.F.	Fail	
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 LOCATION	ERWIN AMPLE -STORAGE "F" PERMIT # BCOM-2406-0008 404 EAST JACKSON BLVD, ERWIN NC				
CONTRACTOR NAME AND ADDRESS	AMPLE STORAGE, SMITHFIELD, NC				
Test Number Date Tested	24 10-Oct-24	25 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%	A. C.		
Dry density of soil from hole	116.3	115.6	Constant		
Maximum dry density	118.1	118.1	THE REAL PROPERTY.		
Optimum water content	10.2%	10.2%			
Percent compaction	98.5%	97.9%	A O M		
PASS / FAIL	PASS	PASS			

