## Wayne R. Dashield, 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. Dashield, 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

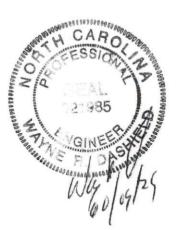
		DATE OF REPOR				
PROJECT NAME	ERWIN AMPLE -STORAGE "D" PERMIT # BCOM 2406-0006					
LOCATION	404 EAST JACKSON BLVD, ERWIN NC					
CONTRACTOR NAME AND ADDRESS	AMPLE STORAGE, SMITHFIELD, NC					
Test Number Date Tested	19 08-Oct-24	20 08-Oct-24	21 08-Oct-24			
Bulk-Density of Sand AASHTO-Standard	39892.0 D-698	39892.0 D-698	39892.0 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%			
Percent compaction	96.3%	95.8%	95.2%			

PASS

**PASS** 

**PASS** 

PASS / FAIL



### 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	1	Туре
NO.	LOCATION	TYPE	OF FOUNDATION	READING	LBS. / S.F.	Fail	
1 2 3 4 5 6 7 8 9	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 10' OFF NE CORNER	FOOTING FOOTING FOOTING FOOTING FOOTING FOOTING FOOTING	1.0 1.0 1.0 1.0 1.0 1.0 1.0	330 360 423 480 510 452 360 330 380	3119 3396 3979 4506 4784 4247 3396 3119 3581	Pass Pass Pass Pass Pass Pass Pass Pass	SM SM SM SM SM SM SM SM

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

