

# Content Summary

Report No: MSR:64B0033-230818-230825

Document Number	Description	Activity Date	Page
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# DCP Test Report

**Froehling & Robertson, Inc.**  
Fayetteville Office  
327 East Jenkins Street  
Fayetteville, NC 28306  
Phone: 910.323.9832 www.FandR.com

**Report #:** SDCP:6423-01309-1      **Issue #:** 2

**Work Order #:** 6423-01309

**Client Report No.:** \_\_\_\_\_

**Client:**  
HH Multi, LLC  
2919 Breezewood Ave.  
Fayetteville NC 28303

**Recipients:**

The results provided herein relate only to the items inspected and/or tested. This report shall not be reproduced, except in full, without the prior written approval of F&R.

**Project:** 64B0033  
Fairway Pointe, Spring Lake, NC

**Reviewed By:** Wall John J

**Review Date:** 08/25/2023

260 Gallery Dr.  
Spring Lake NC 28390

## General Information

**Location:** Building - Footing  
**Location Details:** Building 5 - Wall Footing

**Activity Date:** 08/23/2023  
**Activity Type:** Observation  
**Frequency:** Periodic

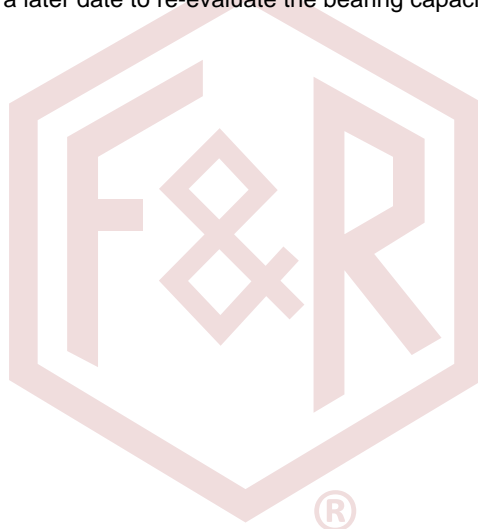
**Personnel:** Martin Derick B  
**Title:** Technician

**Weather:** Sunny  
**Wind Speed:** 6 mph      **Air Temp:** 85°F

**New Discrepancies Recorded?**  
 Yes, see "Discrepancies Noted"       No

## Field Notes

Arrived onsite and contractor HH Multi, LLC had prepared spread/continuous footings along the front face of the Building #5 for the retaining wall. F&R performed three hand auger borings (Hand Auger Borings HA-1 through HA-3) with Dynamic Cone Penetrometer (DCP) bearing testing to depths of approximately 3 feet below the foundation bearing elevation. Loose silty sands were encountered at the footing bottom elevation at all three locations tested. The contractor was informed by F&R to re-compact the footing bottom with either a plate or jumping jack tamper and F&R would return to the site at a later date to re-evaluate the bearing capacity.





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**Report No.:** SDCP:6423-01309-1

**Client Name:** HH Multi, LLC  
**Project Name:** Fairway Pointe, Spring Lake, NC

**Project No.:** 64B0033  
**Work Order No.:** 6423-01309

ASTM 399

ASTM Special Technical Publication No. 399

## Dynamic Cone Penetrometer Tests

Test ID	Test Location	Test Depth <sup>1</sup> Unit: ft.	# of blows per Interval <sup>2</sup> <i>in 1-3/4" increments</i>			Soil Visual Description
			1st	2nd	3rd	
HA-1	Front face of building, stairs	0	5	5	6	Light brown silty SAND
		-1	12	10	10	Brown silty SAND
		-2	15+	---	---	Brown/tan silty SAND
		-3	15+	---	---	Brown/tan clayey SAND
HA-2	Front face of building, right corner	0	10	7	7	Brown silty SAND
		-1	15+	---	---	Brown sandy CLAY
		-2	15+	---	---	Light brown silty SAND
		-3	15+	---	---	Light brown silty SAND
HA-3	Front face of building, left corner	0	7	7	6	Light brown/tan silty SAND
		-1	15+	---	---	Light brown/tan silty SAND
		-2	13	10	10	Light brown/tan silty SAND
		-3	14	15+	---	Light brown/tan silty SAND

<sup>1</sup> Depth below plan subgrade.

<sup>2</sup> Note: the blow counts for 2-inch seating interval are not shown.



# DCP Test Report

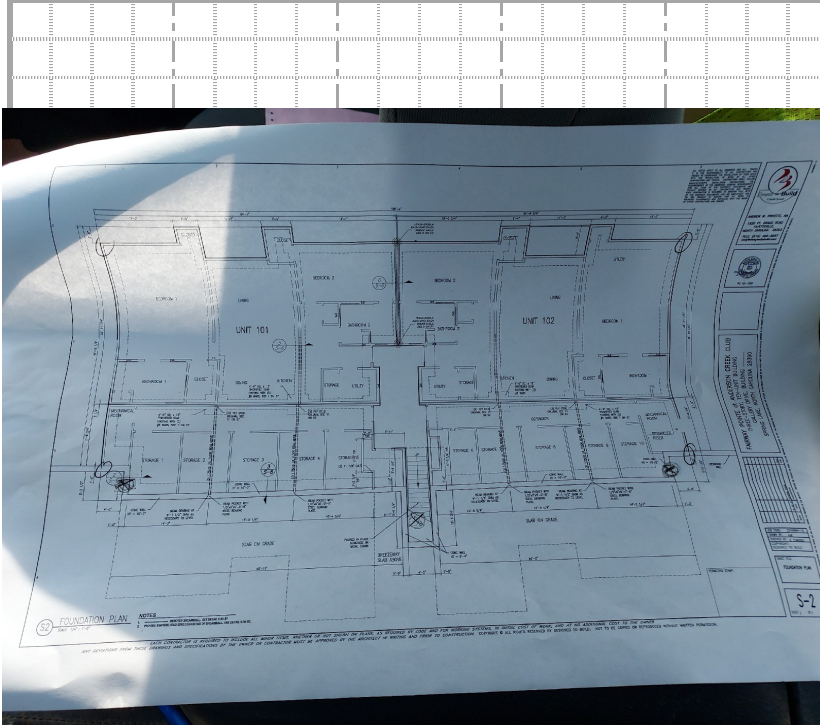
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Client Name: HH Multi, LLC  
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Project No.: 64B0033  
Work Order No.: 6423-01309

## Supplemental Images



### Image Details

Description: Drawing

Date Taken: 08/23/2023

Taken By: D. Martin

### Notes:



### Image Details

Description: Photo 1

Date Taken: 08/23/2023

Taken By: D. Martin

### Notes:



# DCP Test Report

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Client Name: HH Multi, LLC  
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## Supplemental Images



### Image Details

Description: Photo 2

Date Taken: 08/23/2023

Taken By: D. Martin

### Notes:

### Image Details

Description: \_\_\_\_\_

Date Taken: \_\_\_\_\_

Taken By: \_\_\_\_\_

### Notes:



# DCP Test Report

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**Report #:** SDCP:6423-01321-1      **Issue #:** 2

**Work Order #:** 6423-01321

**Client Report No.:** \_\_\_\_\_

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 HH Multi, LLC  
 2919 Breezewood Ave.  
 Fayetteville NC 28303

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 Fairway Pointe, Spring Lake, NC  
  
 260 Gallery Dr.  
 Spring Lake NC 28390

**Reviewed By:** Wall John J  
**Review Date:** 08/25/2023

## General Information

<b>Location:</b> Building - Footing	<b>Personnel:</b> Wall John J
<b>Location Details:</b> Building 5 - Wall Footing	<b>Title:</b> P.E.
<b>Activity Date:</b> 08/24/2023	<b>Weather:</b> Sunny
<b>Activity Type:</b> Observation	<b>Wind Speed:</b> _____ mph <b>Air Temp:</b> _____ 90°F
<b>Frequency:</b> Not Applicable	<b>New Discrepancies Recorded?</b>
	<input type="checkbox"/> Yes, see "Discrepancies Noted" <input checked="" type="checkbox"/> No

## Field Notes

F&R was onsite to evaluate the wall footing for Building No. 5.

Following the compaction of the loose soils on the surface, F&R observed probe rod penetrations less than 4 inches. Based on observations, probing, and previously performed DCPs, it is F&R's opinion that the near surface bearing grade soils for the wall footing are suitable for a net allowable bearing capacity of 2000 psf.

