



DCP Test Report

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

Report #: SDCP:6423-01345-1 **Issue #:** 1
Work Order #: 6423-01345
Client Report No.: _____

Client: HH Multi, LLC 2919 Breezewood Ave. Fayetteville NC 28303	Recipients: Craig Mintz, John Wall, Mike Sellers	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 240 Gallery Dr. Spring Lake NC 28390		

General Information

Location: Foundation	Personnel: Bornschein Daniel W
Location Details: Building 4 - 240 Gallery Drive Wall Foundation	Title: Technician
Activity Date: 09/01/2023	Weather: Sunny
Activity Type: Inspection	Wind Speed: 3 mph Air Temp: 86°F
Frequency: Periodic	New Discrepancies Recorded?
	<input type="checkbox"/> Yes, see "Discrepancies Noted" <input checked="" type="checkbox"/> No

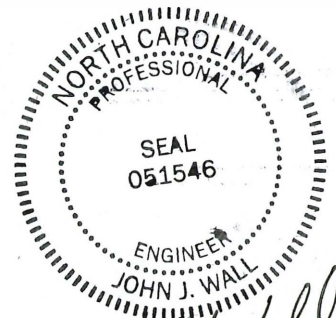
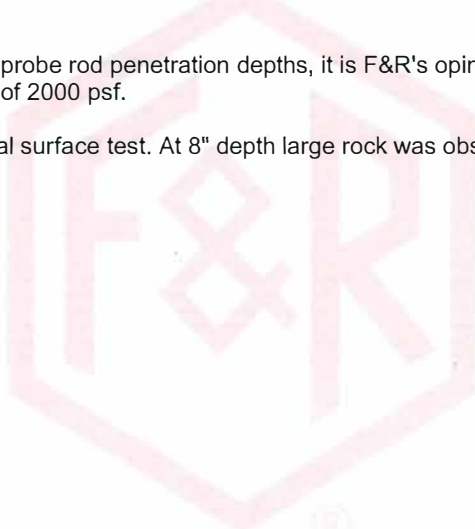
Field Notes

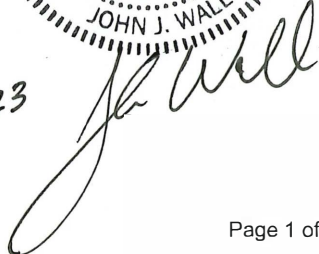
F&R was onsite to evaluate the center wall footing for Building 4 (located at 240 Gallery Drive).

F&R performed three DCPs (Dynamic Cone Penetrometer) with shallow hand augers at select locations along the footing to a depth of 3 feet below proposed footing grade. In addition, F&R probed the footing with a steel probe rod. Probe rod penetration depths were less than 3 inches.

Based on the field observations, Nc values, and probe rod penetration depths, it is F&R's opinion that the near surface bearing grade soils are suitable for a net allowable bearing capacity of 2000 psf.

** note** location 3 was offset 36" East of Original surface test. At 8" depth large rock was obstructing path of auger.



9/5/23 



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ASTM 399

ASTM Special Technical Publication No. 399

Dynamic Cone Penetrometer Tests

Test ID	Test Location	Test Depth ¹ Unit:	# of blows per Interval ² <i>in 1-3/4" increments</i>			Soil Visual Description
			1st	2nd	3rd	
1	Building 4 - Location 1, Eastern End of Foundation.	0	15+			Dry tan silty sand.
		-1	15+			Slightly moist orange tan sandy clay.
		-2	13	15+		Orange white lean clay.
		-3	15+			Slightly moist orange sandy clay.
2	Building 4 - Location 2, center of foundation.	0	5	15+		Dry tan silty sand.
		-1	15+			Lite brown tan silty sand, signs of transitioning material.
		-2	14	15+		Slightly moist orange tan sandy clay. Transitioning to orange white lean clay.
		-3	15	15+		Gray white lean clay.
3	Building 4 - Location 3, Western end of foundation. * see note*	0	15+			Orange tan clayey sand.
		-1	15+			Transitioning from Dark red sandy clay 0"-8" depth to lite brown slightly moist sandy clay
		-2	13	13	14	Orange white lean clay.
		-3	15+			Gray white lean clay.

¹ Depth below foundation subgrade.

² Note: the blow counts for 2-inch seating interval are not shown.



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Supplemental Images



Image Details

Description: location 1
Date Taken: 09/01/2023
Taken By: Daniel Bornschein

Notes:



Image Details

Description: location 2
Date Taken: 09/01/2023
Taken By: Daniel Bornschein

Notes:



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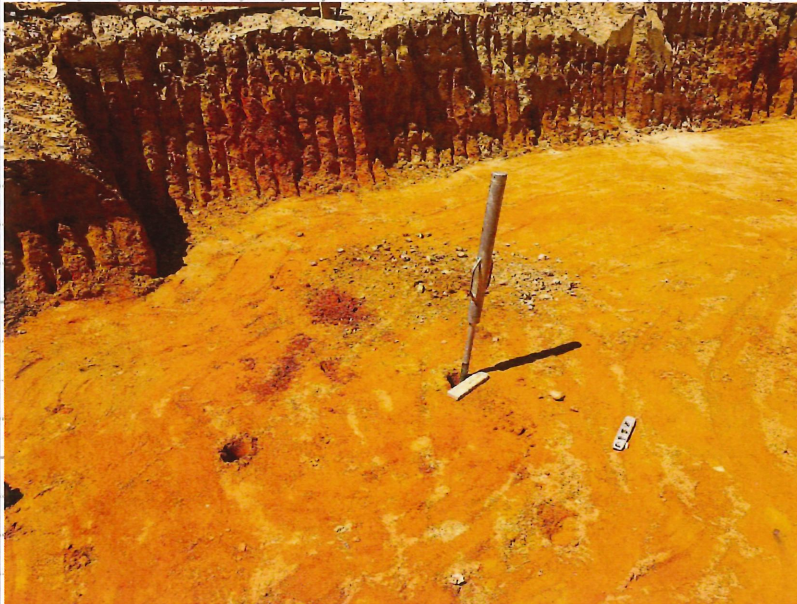


Image Details

Description: location 3
Date Taken: 09/01/2023
Taken By: Daniel Bornschein

Notes:



Image Details

Description: Testing location
Date Taken: 09/01/2023
Taken By: Daniel Bornschein

Notes:



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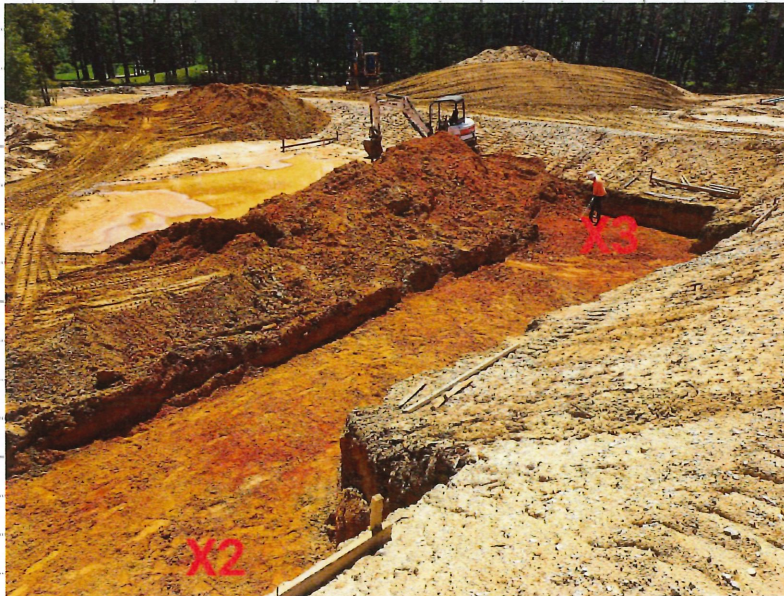


Image Details

Description: Testing location

Date Taken: 09/01/2023

Taken By: Daniel Borschein

Notes:

Image Details

Description: _____

Date Taken: _____

Taken By: _____

Notes: