



ECS Southeast, LLP

6151 Raeford Road
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(910) 401-3288 [Phone]
(910) 323-0539 [Fax]

LETTER OF TRANSMITTAL

April 6, 2020
Richard Family Builders
3212 Lillian Place
Fayetteville, NC 28306
ATTN: Juanita Richard

RE: **Anderson Creek Club - Lot 1095**
ECS Job # **4458-L**

Permits:
Location: **Education Drive**
Spring Lake, NC 28390

CC: Floyd Properties - Alan Ray

Floyd Properties - Darlene Rzonca
Floyd Properties - Veronica Page

ENCL: Field Report # 1 4/2/2020

Matthew B. Olsen, P.E.
Office Manager, Principal

Donny Johnson
Field Services Manager

Disclaimer

1. This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.
2. The information in this report relates only to the activities performed on the report date.
3. Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.
4. Incomplete or non-conforming work will be reported for future resolution.
5. The results of samples and/or specimens obtained or prepared for supersequent laboratory testing will be presented in separate reports/documents.



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FIELD REPORT

Project **Anderson Creek Club - Lot 1095**
 Location **Spring Lake, NC**
 Client **Richard Family Builders**
 Contractor **Floyd Properties**

Project No. **4458-L**
 Report No. **1**
 Day & Date **Thursday 4/2/2020**
 Weather **50 °/ Sunny**
 On-Site Time **1.00**
 Lab Time **0.50**
 Travel Time* **1.25**
 Total **3.00**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage* 50	Time of Arrival	Departure
Chargeable Items			11:00A	12:00P

* Travel time and mileage will be billed in accordance with the contract.


Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

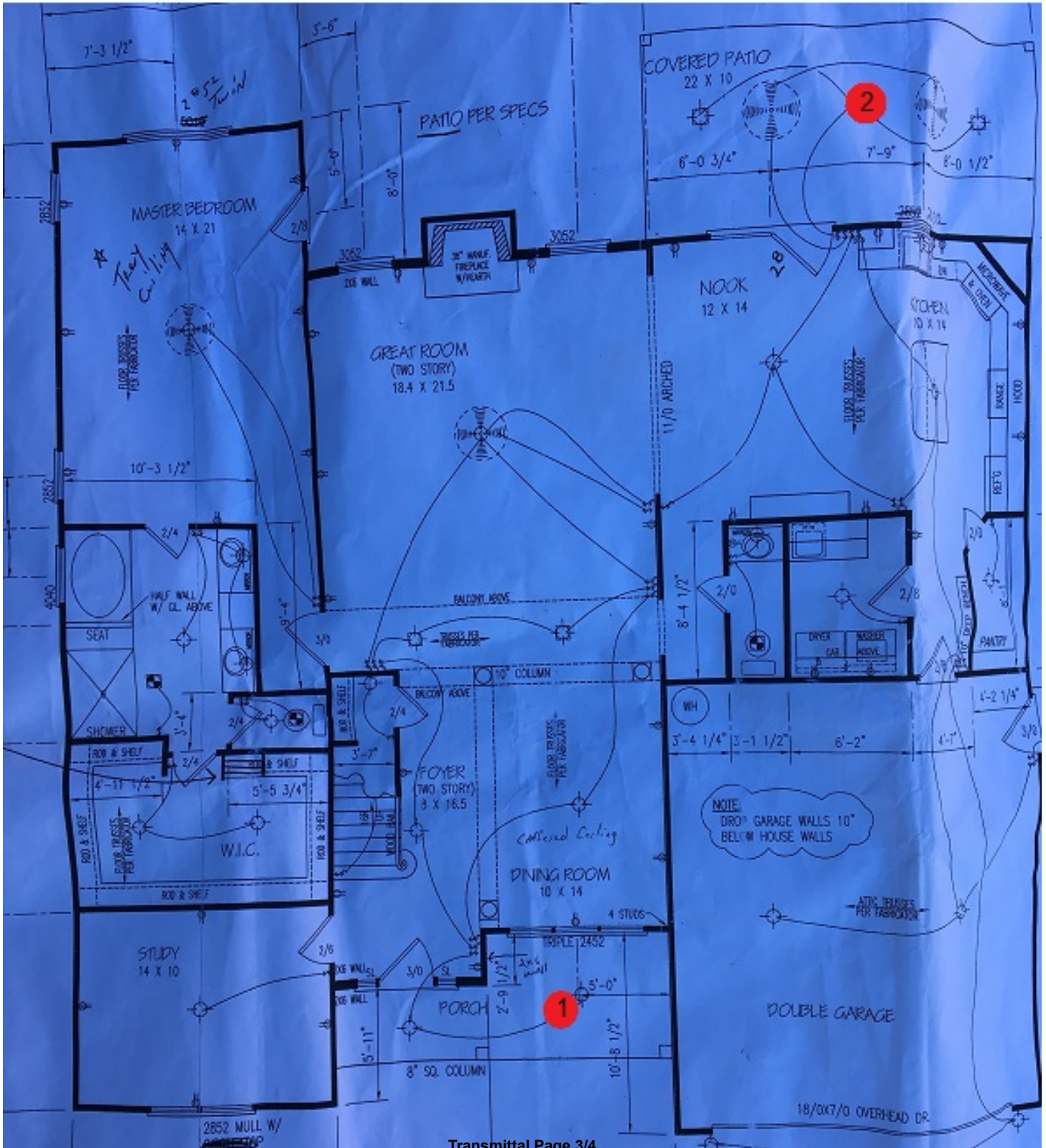
The undersigned arrived on site, as requested, to observe the bearing capacity of soils via hand auger/dcp method for porch backfill at the front and rear of the residence. Please see the attached sketch.

A hand auger was used to advance the boreholes to different depths noted on the boring logs. Dynamic Cone Penetrometer (DCP) tests were performed in the hand auger boreholes by a 1.5 inch diameter cone driven into the soil by a 15 pound ring weight with a free fall of 20 inches. The number of blows required to drive the cone into the soil a distance of 1.75 inches is termed the DCP Value and is indicated for each test on the hand auger.

A total of 2 hand auger/DCP evaluations were performed to a depth of approximately 3 feet from top of fill. DCP blow counts ranged from 4 to 8 blows per increment. Soils do appear to have been sufficiently placed and compacted for support of the proposed construction.

ECS will return, as requested, to perform additional services.

 DCP Bore Holes





Dynamic Cone Penetrometer Test Report

Project : Anderson Creek Club – Lot 1095

Project #: 4458- L

Technician: C. Langbis

Temp/Weather: 50/sunny

Date: 04/02/20

Top Soil Depth:

Asphalt Depth:

Test Location	Test Depth	Penetrometer Blow Counts			Soil Descriptions													Remarks	
		1 ¾"	1 ¾"	1 ¾"	Top Soil	Stained Sands	orange	Tan	Brown	Red	Clayey	Sandy	Silty	CLAY	SAND	SILTS	with Silts		
1	(BOF)(Subgrade)	6	5	6						√	√				√				
	-1	6	7	7					√		√				√				
	-2	7	8	9					√		√				√				
	-3	6	6	7					√		√				√				
	-4																		
	-5																		
2	(BOF)(Subgrade)	4	5	6						√	√				√				
	-1	5	6	8					√		√				√				
	-2	5	6	7					√		√				√				
	-3	6	8	7					√		√				√				
	-4																		
	-5																		
	(BOF)(Subgrade)																		
	-1																		
	-2																		
	-3																		
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