

## ECS Southeast, LLP

6151 Raeford Road Suite A Fayetteville, NC 28304 (910) 401-3288 [Phone] (910) 323-0539 [Fax]

# LETTER OF TRANSMITTAL

September 18, 2019

Floyd Properties 901 Arsenal Ave Fayetteville, NC 28305

ATTN: Ms. Veronica Page

RE: Lot 1102 - Anderson Creek Club

ECS Job # 33:4458-H

Permits:

75 Education Drvie Location:

Spring Lake, NC

We are enclosing: X

NIS D. LO

Field Reports

For your use

As requested

CC: Floyd Properties - Alan Ray

Floyd Properties - Darlene Rzonca

ENCL:

Field Report # 2

09/13/2019

Project Engi

Donny Johnson

Field Services Manager

- 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 recorded for future resolution.
- 5. The results of samples and/or specimens obtained or prepared for subsequent laboratory testing will be presented in separate reports/documents.



## ECS Southeast, LLP

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Project

Lot 1102 - Anderson Creek Club

Location

Spring Lake, NC

Client

Floyd Properties - Veronica Page

Contractor

Floyd Properties - Alan Ray

Remarks

Trip Charges\*

Tolls/Parking\*

Mileage\*

Time of

Total

Arrival

FIELD REPORT

33:4458-H

86°/ Sunny

1.25

0.25

1.25

2.75

0.00

Friday 09/13/2019

Project No.

Report No.

Day & Date

On-Site Time

Travel Time\*

Re Obs. Time

Weather

Lab Time

Departure 09:30A 10:45A

Chargeable Items

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

The undersigned arrived on site, as requested, to observe and evaluate the bearing capacity of soils via hand auger/dcp method for porches.

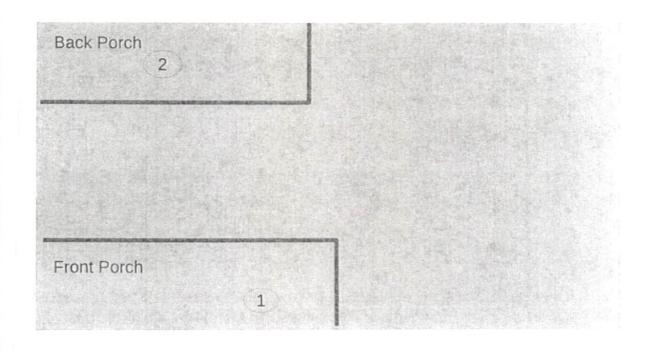
A hand auger was used to advance the boreholes to different depths noted on the boring logs. Dynamic Cone Penetrometer (DCP) test were performed in the hand auger boreholes by a 1.5 inch diameter cone driven into the soil by a 15 pound ring weight with a free fall of 20 inches. The number of blows required 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. Please see the attached sketch and data sheet for details.

A total of 2 hand auger/DCP evaluation(s) were performed to a depth of approximately 3 feet below the current sub grade elevation. DCP blow counts ranged from 6 to 9 blows per increment. It is to the opinion of ECS that the materials in place at test locations in the foundation did appear to be suitable to support the design bearing capacity 2000 psf.

Please see sketch for DCP evaluation locations.

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

<sup>\*</sup> Travel time and mileage will be billed in accordance with the contract



Bryan Hernandez Key 09/13/2019 Anderson Creek Lot 1102 Proj # 4458-H W/O # 53548



= Location for DCP'S





## Report of Spread Footing - Foundation Observations

Project: Lot 1102 - Anderson Creek Club

Project No. 4458-H

Day/Date: 09/13/2019

Location: 75 Education Drvie Spring Lake - Cumberland - NC - 28390

Contractor: Floyd Properties

		Size (	WxHxL)	Footing Bott	om Elevation		Required Blow Counts	
Footing Number	Location	Design	Actual	Design	Depth of Undercut (in)	Description of Subgrade Material	# of Blows / increment	Design Bearing Pressure
1	1	× ×	x x	N/A	0 .	Red Sand	6	2000
							7,8,8	
1	1	x x	x x	N/A	-1 .	Red Sand	6	2000
							6,8,8	2000
1	1	x x	x x	N/A		Red Sand	6	2000
,							Auger Refusal due to stone	
	2	x x	x x	N/A	0 .	Red Sand	6	
2		30.50		1		110000	6,8,9	2000
2	2	x x	x x	N/A	-1 .	Red Sand	6	2000
- 2						-	7,7,7	2000
2	2	x x	x x	N/A	-2 .	Red Sand	6	2000
2							7,8,9	
	2	хх	хх	N/A	-3 .	Gray Sand	6	2000
2							6,7,9	

Bryan Noel Hernandez						

WO 53548