

### **ECS Southeast, LLP**

6151 Raeford Road, Suite A Fayetteville , NC 28304 9104013288

## LETTER OF TRANSMITTAL

September 29, 2020

Floyd Properties

RE:

Anderson Creek Club Lot 1096

ECS Job # 4458-O

Fayetteville, NC 28305

ATTN: Darlene Rzonca

Permits:

Location:

153 Education Dr

Spring Lake, NC 28390

X

Field Reports

(

For your use

X

As requested

CC:

Floyd Properties - Veronica Page

Elouser

ENCL:

Field Report # 1

9103230539

9/23/2020

Jack Edgar Cowsert, P.E. Senior Project Engineer

Donny Johnson

Field Services Manager

#### Disclaimer

<sup>1.</sup> This report (and any attachments) shall not be reproduced except in full without prior written approval of ECS.

<sup>2.</sup> The information in this report relates only to the activities performed on the report date.

<sup>3.</sup> Where appropriate, this report includes statements as to compliance with applicable project drawings, and specifications for the activities, performed on this report date.

<sup>4.</sup> Incomplete or non-conforming work will be reported for future resolution.

<sup>5.</sup> The results of samples and/or specimens obtained or prepared for supersequent laboratory testing will be presented in separate reports/documents.



ECS Southeast, LLP

6151 Raeford Road, Suite A

Fayetteville

NC 28304

(910) 401-3288 [Phone]

(910) 323-0539 [Fax]

Project

Anderson Creek Club Lot 1096

Location

Spring Lake, NC

Client

Floyd Properties

Contractor

Floyd Properties

FIELD REPORT

Project No.

4458-O

Report No.

Day & Date

Wednesday 9/23/2020

Weather

70 °/ Sunny

On-Site Time Lab Time

1.00

Travel Time\*

0.25

1.25

Total

2.50

Re Obs Time

0.00

Remarks

Trip Charges\*

Chargeable Items

Tolls/Parking\*

Mileage\*

Time of

Arrival

Departure

12:00P

1:00P

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

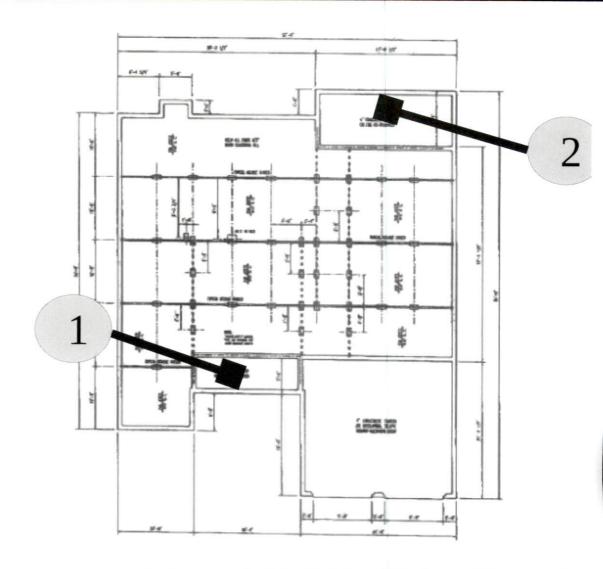
An ECS representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for stemwall backfill for front and back porch of lot 1096.

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.

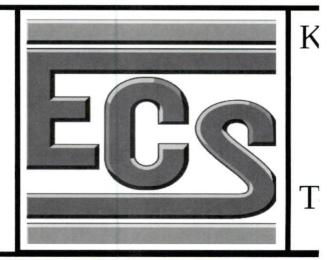
A total of 2 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current sub grade elevation. It is the opinion of ECS that the materials in place, at the locations and elevations tested, did appear to be suitable to support a design bearing capacity 2000 psf.

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

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



Joshua Noffsinger 23 Sep 2020 Proj#4458-O WO#58524



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### NC Registered Firm # F-1078



# **Report of Spread Footing - Foundation Observations**

Project: Anderson Creek Club Lot 1096

153 Education Dr Location:

Contractor: Spring Lake - Cumberland - NC - 28390
Floyd Properties

Project No.: 4458-O Day/Date: 9/23/2020

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation			Description of	Re
		Design	Actual	Design **	Depth of Undercut (in)	Description of Steel Placed	Description of Subgrade Material	#
1	1	хх	x x	N/A	0		Orange Sand	6 7,
1	1	хх	x x	N/A	-1		Orange Sand	6 8,
1	1	x x	x x	N/A	-2		Orange Sand	6 8,
1	1	x x	x x	N/A	-3		Orange Sand	6 9,
2	2	x x	x x	N/A	0		Orange Sand	6 7,
2	2	x x	x x	N/A	-1		Orange Sand	6 8,
2	2	x x	x x	N/A	-2		Orange Sand	6 9,
2	2	x x	× ×	N/A	-3		Orange Sand	6 10

<sup>\*\*</sup> SGE: Subgrade Elevation to be determined by surveyor.

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By: Josh Noffsing

ECS Souther