



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

September 7, 2021
Floyd Properties

Fayetteville, NC 28305
ATTN: Johnny McArtan

RE: **Anderson Creek Lot 1148**
ECS Job # **33:5720-A**

Permits:
Location: **247 Education Dr**
Spring Lake, NC 28390

Field Reports For your use As requested

CC:

ENCL: Field Report # 1 9/2/2021

Jack Edgar Cowsert, P.E.
Senior Project Engineer

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 subsequent laboratory testing will be presented in separate reports/documents.



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FIELD REPORT

Project **Anderson Creek Lot 1148**
 Location **Spring Lake, NC**
 Client **Floyd Properties**
 Contractor **Floyd Properties**

Project No. **33:5720-A**
 Report No. **1**
 Day & Date **Thursday 9/2/2021**
 Weather **86 °/ Sunny**
 On-Site Time **0.75**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **0.75**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			1:30P	2:15P

* 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 check the bearing capacity of soil via hand auger/DCP method for porch backfill. Please see the attached sketch and data sheet for details.

A hand auger was used to advance the boreholes to different depths noted on the boring logs. Dynamic cone penetrometer DCP test were 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 is indicated for each test on hand auger.

A total of 1 hand auger/DCP evaluation was performed to depth of approximately 3 feet below the current sub grade elevation. Test results indicated that the materials in place at the locations and elevations tested did appear to be suitable to support a design bearing capacity of 2000 psf.

Attachments



Test Location

Figure 1



Report of Spread Footing - Foundation Observations

Project: Anderson Creek Lot 1148
 Location: 247 Education Dr
 Spring Lake - Cumberland - NC - 28390
 Contractor: Floyd Properties

Project No.: 33:5720-A
 Day/Date: 9/2/2021

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation		Description of Steel Placed	Description of Subgrade Material	Required Blow Counts	Design Bearing Pressure
		Design	Actual	Design **	Depth of Undercut (in)			# of Blows / Increment	
2	2	x x	x x	N/A	N/A	0	orange sand	6 12,10,7	2000
2	2	x x	x x	N/A		1	orange sand	6 6,6,7	2000
2	2	x x	x x	N/A	N/A	2	black sand	6 12,13,11	2000
2	2	x x	x x	N/A	N/A	3	tan sand	6 6,11,8	2000

** SGE: Subgrade Elevation to be determined by surveyor.

By: Blake Hester

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WO: 63012