



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

September 16, 2021
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390
ATTN: Jason Wellons

RE: **Lot 105 Docs Rd**
ECS Job # **33:5615**

Permits:
Location: **3054 Docs Rd**
Spring Lake, NC 28390

Field Reports For your use As requested

CC:

ENCL: Field Report # 3 9/15/2021

Jack Edgar Cowsert, P.E.
Senior Project Engineer

Ryan H. Parrish
Construction Materials Project 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.



ECS Southeast, LLP
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FIELD REPORT

Project **Lot 105 Docs Rd**
 Location **Spring Lake, NC**
 Client **W.S. Wellons Realty**
 Contractor **W.S. Wellons Realty**

Project No. **33:5615**
 Report No. **3**
 Day & Date **Wednesday 9/15/2021**
 Weather **85 °/ Sunny**
 On-Site Time **1.00**
 Lab Time **0.25**
 Travel Time* **1.50**
 Total **2.75**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage* 50	Time of Arrival	Departure
Chargeable Items			3:00P	4:00P

* 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 ECS representative arrived on site as requested to check the bearing capacity of soils via hand auger/DCP method for for stem wall backfill.

A hand auger was used to advance to 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 footing sub grade elevation. Test results indicated that the materials in place at the location and elevations tested did appear to be suitable to support the design slab on grade.

Contractor was notified of test results prior to departure from jobsite.

ECS will return as requested for additional services.



Report of Spread Footing - Foundation Observations

Project: Lot 105 Docs Rd
 Location: 3054 Docs Rd
 Spring Lake - Cumberland - NC - 28390
 Contractor: W.S. Wellons Realty

Project No.: 33:5615
 Day/Date: 9/15/2021

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	
1	1	x x	x x	N/A	0		orange sand	6 25+	2000
1	1	x x	x x	N/A	1		orange sand	6 12,11,12	2000
1	1	x x	x x	N/A	2		orange sand	6 16,11,11	2000
1	1	x x	x x	N/A	3		orange sand	6 7,9,9	2000
2	2	x x	x x	N/A	0		orange sand	6 25+	2000
2	2	x x	x x	N/A	1		orange sand	6 14,12,13	2000
2	2	x x	x x	N/A	2		orange sand	6 11,10,7	2000
2	2	x x	x x	N/A	3		orange sand	6 10,10,9	2000

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



Report of Spread Footing - Foundation Observations

Project: Lot 105 Docs Rd
Location: 3054 Docs Rd
Spring Lake - Cumberland - NC - 28390
Contractor: W.S. Wellons Realty

Project No.: 33:5615
Day/Date: 9/15/2021

By: Blake Hester

ECS Southeast, LLP

WO: 63205