



ECS Southeast, LLC

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Fayetteville, NC 28304
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LETTER OF TRANSMITTAL

November 27, 2023
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390
ATTN: Chandler Jones

RE: **296 Caldwell Lot**
ECS Job # **33:6230-L**

Permits:
Location: **296 Caldwell St**
Spring Lake, NC 28390

Field Reports For your use As requested

CC:

ENCL: Field Report # 1 11/21/2023



NOV 27 2023

Jack Cowsert, P.E.
Office Manager

Aaron Kyle Adair
Team Leader

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, LLC
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Fayetteville, NC 28304
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FIELD REPORT

Project **296 Caldwell Lot**
Location **Spring Lake, NC**
Client **W.S. Wellons Realty**
Contractor **W.S. Wellons Realty**

Project No. **33:6230-L**
Report No. **1**
Day & Date **Tuesday 11/21/2023**
Weather **70 °/ Sunny**
On-Site Time **2.25**
Lab Time **0.00**
Travel Time* **0.00**
Total **2.25**
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			8:00A	10:15A

* 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.

ECS arrived on site, as requested, to observe and evaluate the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for the foundation footings. Please see attached sketch.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current foundation sub-grade elevation. Test results indicated that the materials in place, at test locations and elevations tested, did appear to be suitable to support the design bearing capacity 2,000 psf.

ECS will return, upon request, to perform additional services.



Report of Spread Footing - Foundation Observations

Project: 296 Caldwell Lot
 Location: 296 Caldwell St
 Spring Lake - Cumberland - NC - 28390
 Contractor: W.S. Wellons Realty

Project No.: 33:6230-L
 Day/Date: 11/21/2023

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	south west corner	x x	x x	N/A	N/A		tan clay SAND (0/1) tan SAND (2) orange sand CLAY	6 (0)7,4,5 (1) 25+ (2) 13,10,14 (3) 14,7,12	2000
2	north west corner	x x	x x	N/A	N/A		tan clay SAND (0/1) tan SAND (2) orange sand CLAY	6 (0)5,4,6 (1) 25+ (2) 15,12,17 (3) 19,23,25+	2000
3	north east corner	x x	x x	N/A	N/A		tan clay SAND (0/1) tan SAND (2) orange sand CLAY	6 (0)11,7,9 (1) 12,9,10 (2) 25+ (3) 15,9,13	2000
4	south east corner	x x	x x	N/A	N/A		tan SAND (0/1) tan SAND (2) orange sand CLAY	6 (0)10,8,9 (1) 14,11,13 (2)15,17,13 (3) 25+	2000

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

By: Jemario D Boykin

ECS Southeast, LLC

WO: 75277