



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

October 29, 2022
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390
ATTN: Accounts Payable

RE: **Wellons Realty Lot 148**
ECS Job # **33:6204-H**

Permits:
Location: **27 Basswood Ct.**
Spring Lake, NC 28390

Field Reports For your use As requested

CC: W.S. Wellons Realty - Jason Wellons

ENCL: Field Report # 1 10/28/2022

Jack Cowsert, P.E.
Office Manager

Aaron 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, LLP
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FIELD REPORT

Project **Wellons Realty Lot 148**
Location **Spring Lake, NC**
Client **W.S. Wellons Realty**
Contractor **None Listed**

Project No. **33:6204-H**
Report No. **1**
Day & Date **Friday 10/28/2022**
Weather **70 °/ Cloudy**
On-Site Time **1.75**
Lab Time **0.00**
Travel Time* **0.00**
Total **1.75**
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			10:00A	11:45A

* 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 a preliminary check for a residential home lot 148 fill placement: southwest corner of building pad, northwest corner of building pad, northeast corner of building pad, and southeast corner of building pad.

Utilizing a Dynamic Cone Penetrometer (ASTM STP-399) to check the bearing capacity of soil at the aforementioned locations, test results indicated that soils, at the areas and elevations tested, should be capable of supporting a foundation designed for a net allowable bearing capacity of 2,000 psf.

ECS will return upon request to provide additional services.



33:6204-H: Wellons Realty Lot 148
Andrew Wiggs 10/28/2022

Test Locations - 



Report of Spread Footing - Foundation Observations

Project: Wellons Realty Lot 148
 Location: 27 Basswood Ct.
 Spring Lake - Cumberland - NC - 28390
 Contractor: None Listed

Project No.: 33:6204-H
 Day/Date: 10/28/2022

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	southwest corner of building pad	x x	x x	N/A	N/A		(0)brown sand(-1/-2/-3)brown clayey sand	6 (0)18,19,24(-1)13,15,18 (-2)12,14,16(-3)13,15,13	2000
1	northwest corner of building pad	x x	x x	N/A	N/A		(0)brown sand(-1)tan sand(-2)orange clayey sand(-3)tan clay	6 (0)6,8,9(-1)7,10,14(-2)11,11,13(-3)8,8,9	2000
1	northeast corner of building pad	x x	x x	N/A	N/A		(0/-1)brown sand(-2)dark gray sand(-3)tan sand	6 (0)6,5,6(-1)6,10,9(-2)13,13,14(-3)8,8,11	2000
1	southeast corner of building pad	x x	x x	N/A	N/A		(0)brown clayey sand(-1)brown sand(-2/-3)tan clayey sand	6 (0)10,8,6(-1)7,11,14(-2)8,9,11(-3)6,9,12	2000

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

By: Andrew Wiggs _____



Report of Spread Footing - Foundation Observations

Project: Wellons Realty Lot 148
Location: 27 Basswood Ct.
Spring Lake - Cumberland - NC - 28390
Contractor: None Listed

Project No.: 33:6204-H
Day/Date: 10/28/2022

ECS Southeast, LLP

WO: 69454