

ECS Southeast, LLP

6151 Raeford Road, Suite A Fayetteville, NC 28304 9104013288 9103230539

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

 \underline{X} Field Reports \underline{X} For your use \underline{X} 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.

NC Registered Engineering Firm # F-1078



ECS Southeast, LLP 6151 Raeford Road, Suite A Fayetteville, NC 28304 (910) 401-3288 [Phone] (910) 323-0539 [Fax]

Project Wellons Realty Lot 148

Location Spring Lake, NC

Client W.S. Wellons Realty

Contractor None Listed

FIELD REPORT

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.

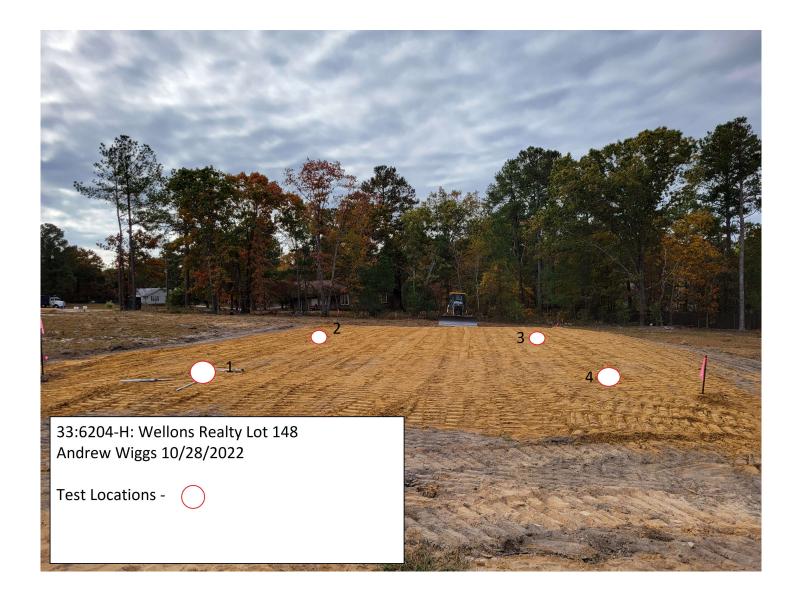
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

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, 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.

By Andrew Wiggs 1800





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			December of	Required Blow Counts	Danima
		Design	Actual	Design **	Depth of Undercut (in)	Description of Steel Placed		# of Blows / Increment	Design Bearing Pressure
1	southwest corner of building pad	x x	хх	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	хх	хх	N/A	N/A		(0)brown sand(- 1)tan sand(-2) orange clayey sand(-3)tan clay	ŭ	2000
1	northeast corner of building pad	x x	хх	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	хх	хх	N/A	N/A			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

NC Registered Firm # F-1078



Report of Spread Footing - Foundation Observations

Project:	Wellons Realty Lot 148	Project No.:	33:6204-H		
_ocation:	27 Basswood Ct.	Day/Date:	10/28/2022		
	Spring Lake - Cumberland - NC - 28390				
Contractor:	None Listed				
		_			
			ECS Southeast, LLP		

WO: 69454