



ECS Southeast, LLP

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

LETTER OF TRANSMITTAL

September 30, 2022
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390
ATTN: Accounts Payable

RE: **Wellons Realty Lot 110**
ECS Job # **33:6204**

Permits:
Location: **10 Black Oak Place**
Spring Lake, NC 28390

Field Reports For your use As requested

CC: W.S. Wellons Realty - Jason Wellons

ENCL: Field Report # 1 9/29/2022



SEP 30 2022

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

FIELD REPORT

Project **Wellons Realty Lot 110**
 Location **Spring Lake, NC**
 Client **W.S. Wellons Realty**
 Contractor **None Listed**

Project No. **33:6204**
 Report No. **1**
 Day & Date **Thursday 9/29/2022**
 Weather **70 °/ Cloudy**
 On-Site Time **1.50**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **1.50**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			10:00A	11:30A

* 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.

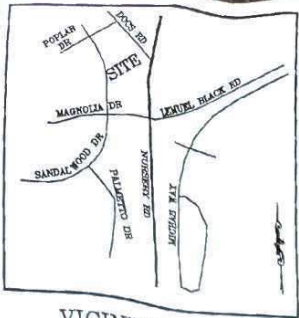
The undersigned arrived on site, as requested, to observe and evaluate the bearing capacity of soils via hand auger/dcp method for lot 110. No foundations were dug yet.

A hand auger was used to advance 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. Please see the attached sketch and data sheet for details.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current 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.

Please see sketch for DCP evaluation locations.

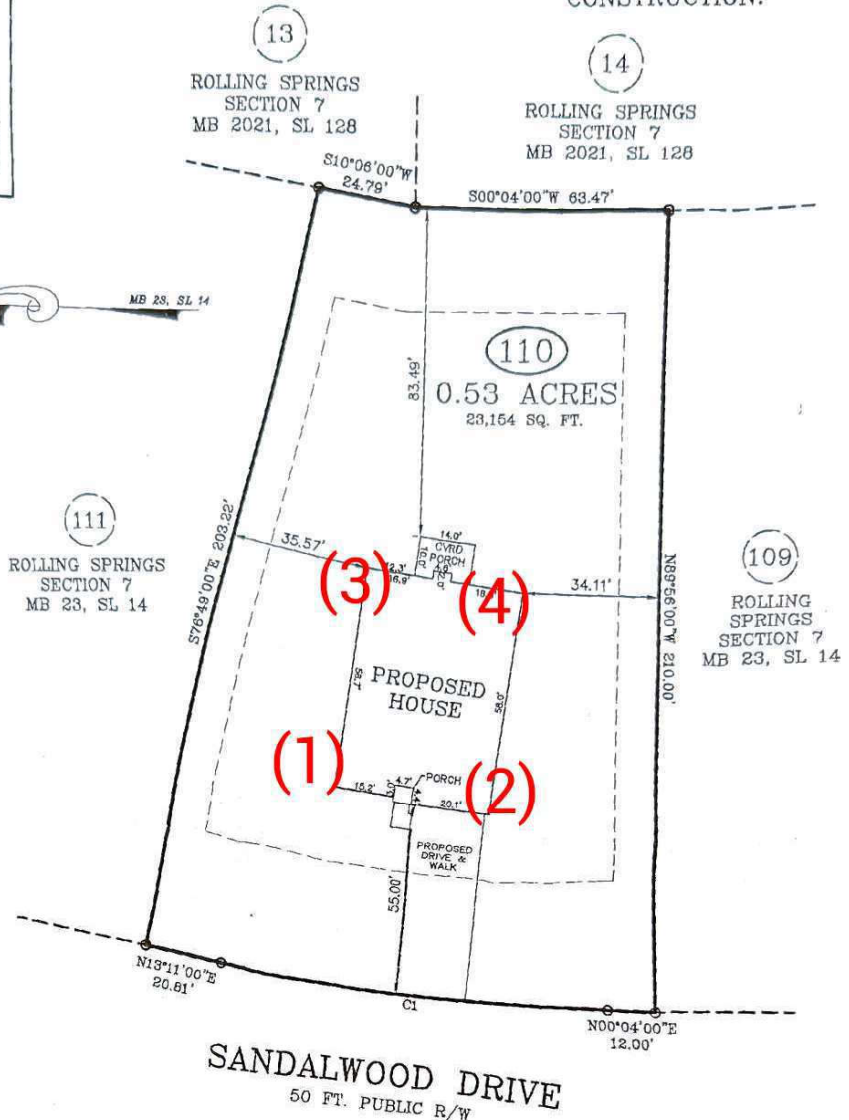
ECS will return, as requested, to perform additional services.



VICINITY MAP
(NO SCALE)

CURVE TABLE				
CURVE	LENGTH	RADIUS	BEARING	CHORD
C1	102.65'	448.40'	N06°37'30"E	102.43'

NOTE : CONTRACTOR TO VERIFY ALL BUILDING SETBACKS PRIOR TO CONSTRUCTION.



IMPERVIOUS AREA:
HOUSE, PORCHES 2,440 SQ. FT.
DRIVEWAY, SIDEWALK 1,022 SQ. FT.
TOTAL 3,462 SQ. FT.

ZONING: RA-20R
SETBACKS
FRONT - 35'
REAR - 25'
SIDE - 10'

PLOT PLAN

PLOT PLAN FOR: WELLONS REALTY
ADDRESS: SANDALWOOD DRIVE
CITY OF: SPRING LAKE, NC
COUNTY OF: HARNETT



TOWNSHIP OF: ANDERSON CREEK
DATE: JULY 18TH, 2022
SCALE: 1" = 30'
REFERENCE: LOT 110
ROLLING SPRINGS
SECTION 7
MB 23, SL 14

Cameron Hall
9-29-22
Lot 110
Poj # 6204
W/O # 69032

Legend
Bearing Observation
(#) = DCP Location





Report of Spread Footing - Foundation Observations

Project: Wellons Realty Lot 110
 Location: 10 Black Oak Place
 Spring Lake - Cumberland - NC - 28390
 Contractor: None Listed

Project No.: 33:6204
 Day/Date: 9/29/2022

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation		Description of Steel Placed	Description of Subgrade Material	Required Blow Counts # of Blows / Increment	Design Bearing Pressure
		Design	Actual	Design **	Depth of Undercut (in)				
1	1	x x	x x	N/A	N/A		0,-1(Orange Clayay SAND) - 2,-3(Brown Clayey Sand)	6 0(12,10,10) -1(12,16,16) -2(14,14,14) -3 (12,14,14)	
2	2	x x	x x	N/A	N/A		0,-1(Orange Clayay SAND) - 2,-3(Brown Sand)	6 0(8,12,12) -1(12,14,14) -2(12,12,12) -3 (14,14,14)	
3	3	x x	x x	N/A	N/A		0(Orange Clayay SAND) - 1,-2(Brown Sand) -3(Brown Clayey Sand)	6 0(6,14,14) -1(8,12,12) - 2(8,10,12) -3(7,10,10)	
4	4	x x	x x	N/A	N/A		0,-1(Orange Clayay SAND) - 2,-3(Brown Sand)	6 0(8,14,14) -1(8,8,10) -2 (6,8,9) -3(10,12,12)	

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



Report of Spread Footing - Foundation Observations

Project: Wellons Realty Lot 110
Location: 10 Black Oak Place
Spring Lake - Cumberland - NC - 28390
Contractor: None Listed

Project No.: 33:6204
Day/Date: 9/29/2022

By: Cameron R. Hall

ECS Southeast, LLP

WO: 69032