



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

October 13, 2022
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390
ATTN: Accounts Payable

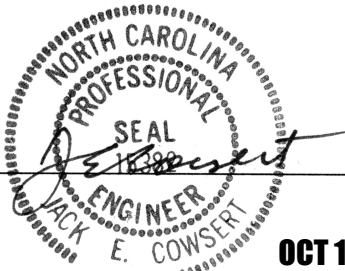
RE: **Wellons Realty Lot 116**
ECS Job # **33:6204-F**

Permits:
Location: **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 10/11/2022



OCT 13 2022

Jack Cowsert, P.E.
Office Manager

Ryan H. Parrish
CMT Group Supervisor

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 116**
Location **Spring Lake, NC**
Client **W.S. Wellons Realty**
Contractor **None Listed**

Project No. **33:6204-F**
Report No. **1**
Day & Date **Tuesday 10/11/2022**
Weather **71 °/ Sunny**
On-Site Time **1.00**
Lab Time **0.00**
Travel Time* **0.00**
Total **1.00**
Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			9:15A	10:15A

* Travel time and mileage will be billed in accordance with the contract.

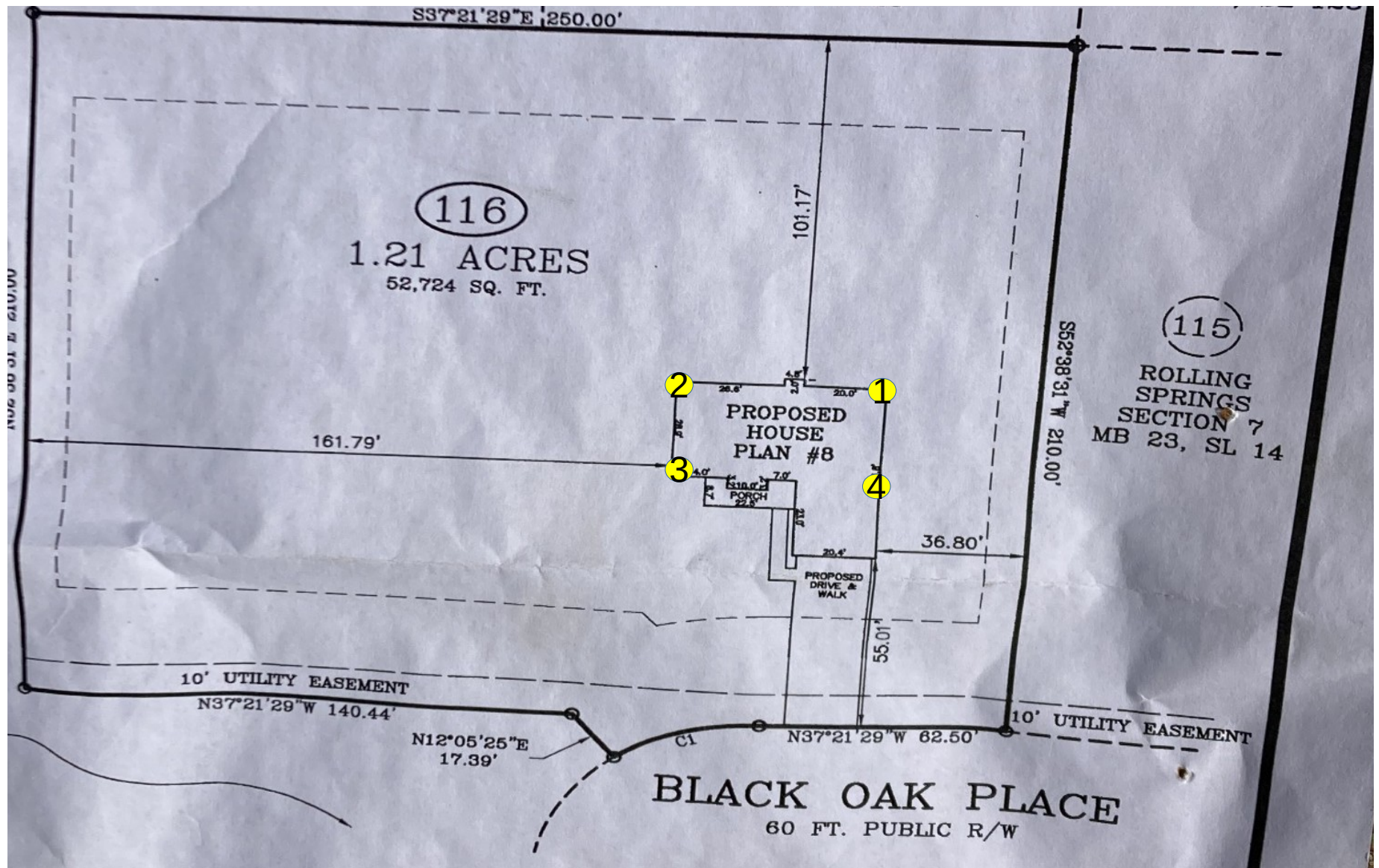
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to check the bearing grade soils at Lot 116. Please see the attached sketch for details.

The footings were not excavated at the time of our site visit. The house corners were staked by others.

To evaluate the bearing grade soils, hand auger borings were performed to approximately 18 inches below the existing pad grade (approximate bearing grade elevation) and Dynamic Cone Penetrometer (DCP) testing was performed per ASTM STP-399 at 12 inch intervals to depths noted on the attached report.

A total of four hand auger borings with DCP tests were performed at four corners of the house. The test results indicated the presence of suitable soils at the areas and elevations tested that can support a net allowable bearing pressure of 2,000 pounds per square foot.



Todd T. Davis
 10/11/2022
 Lot 116
 P# 6204-F
 WO# 69199

Key
 DCP / Hand Auger Test Locations --- #





Todd T. Davis
10/11/2022
Lot 116
P# 6204-F
WO# 69199

Key
View of Lot 116





Report of Spread Footing - Foundation Observations

Project: Wellons Realty Lot 116
 Location: Black Oak Place
Spring Lake - Cumberland - NC - 28390
 Contractor: None Listed

Project No.: 33:6204-F
 Day/Date: 10/11/2022

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	See Attached Drawing	x x	x x	N/A	N/A		(0-3) Tan-Orange Silty Sand	6 (0) 8,12,15 (1) 25,25,25 (2) 25,25,25 (3) 25,25,25	2000
2	See Attached Drawing	x x	x x	N/A	N/A		(0-2) Tan-Orange Silty Sand, (3) Tan Silty Sand	6 (0) 4,7,8 (1) 12,15,17 (2) 25,25,25 (3) 25,25,25	2000
3	See Attached Drawing	x x	x x	N/A	N/A		(0-2) Tan-Orange Silty Sand, (3) Tan Silty Sand	6 (0) 5,6,7 (1) 7,8,10 (2) 10,12,12 (3) 12,13,14	2000
4	See Attached Drawing	x x	x x	N/A	N/A		(0-1) Tan-Orange Silty Sand, (2) Gray Silty Sand, (3) Tan Silty Sand	6 (0) 4,7,9 (1) 8,10,10 (2) 9,10,11 (3) 9,12,15	2000

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



Report of Spread Footing - Foundation Observations

Project: Wellons Realty Lot 116
Location: Black Oak Place
Spring Lake - Cumberland - NC - 28390
Contractor: None Listed

Project No.: 33:6204-F
Day/Date: 10/11/2022

By: Todd Davis

ECS Southeast, LLP

WO: 69199