



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

October 18, 2023
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390
ATTN: Chandler Jones

RE: **Lot 136 HLN**
ECS Job # **33:6230-K**

Permits:
Location: **94 Sugarberry Place**
Spring Lake, NC 28390

Field Reports For your use As requested

CC:

ENCL: Field Report # 1 10/17/2023



OCT 18 2023

Jack Cowser, 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, LLP
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FIELD REPORT

Project **Lot 136 HLN**
Location **Spring Lake, NC**
Client **W.S. Wellons Realty**
Contractor **W.S. Wellons Realty**

Project No. **33:6230-K**
Report No. **1**
Day & Date **Tuesday 10/17/2023**
Weather **58 °/ 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			10:30A	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.

ECS Representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for the monolithic slab foundation. 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 footing sub grade elevation. Test results indicated that the materials in place (at the locations and elevations tested) did appear to be suitable to support the design bearing capacity 2,000 psf.

ECS will return upon request.



Chris Johnson
10/17/2023
Lot 136 HLN
Proj #: 6230-K
W/O # 74785

Key (NTS)
DCP Test Location



NORTH



Report of Spread Footing - Foundation Observations

Project: Lot 136 HLN
 Location: 94 Sugarberry Place
 Spring Lake - Cumberland - NC - 28390
 Contractor: W.S. Wellons Realty

Project No.: 33:6230-K
 Day/Date: 10/17/2023

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	Front left of pad if facing from the road	x x	x x	N/A	N/A		(0,-1)red sand with small trace of white clay (-2,-3)black sand	6 (0)2,4,6 (-1)6,4,8 (-2)4,13,18 (-3)6,7,9	2000
2	Front right of pad if facing from the road	x x	x x	N/A	N/A		(0)brown sand (-1)red sand with trace of clay (-2,-3)red sand	6 (0)3,5,5 (-1)4,4,5 (-2)3,5,7 (-3)5,6,5	2000
3	Rear right of pad if facing from the road	x x	x x	N/A	N/A		(0,-1)red sand (-2)brown sand (-3)grey/brown sand	6 (0)4,4,6 (-1)3,7,8 (-2)6,8,10 (-3)5,6,9	2000
4	Rear left of pad if facing from the road	x x	x x	N/A	N/A		(0,-1,-2)red sand (-3)black/brown sand	6 (0)5,4,5 (-1)5,5,6 (-2)4,4,7 (-3)3,5,8	2000

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

By: Christopher H Johnson

ECS Southeast, LLP

WO: 74785