



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

October 26, 2022
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390
ATTN: Chandler Jones

RE: **Wellons Realty Lot 111**
ECS Job # **33:6204-A**

Permits:
Location: **24 Black Oak Place**
Spring Lake, NC 28390

Field Reports For your use As requested

CC: W.S. Wellons Realty - Jason Wellons

ENCL: Field Report # 2 10/25/2022



OCT 26 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
 6151 Raeford Road, Suite A
 Fayetteville, NC 28304
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FIELD REPORT

Project **Wellons Realty Lot 111**
 Location **Spring Lake, NC**
 Client **W.S. Wellons Realty**
 Contractor **W.S. Wellons Realty**

Project No. **33:6204-A**
 Report No. **2**
 Day & Date **Tuesday 10/25/2022**
 Weather **73 °/ Sunny**
 On-Site Time **1.25**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **1.25**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			2:45P	4:00P

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

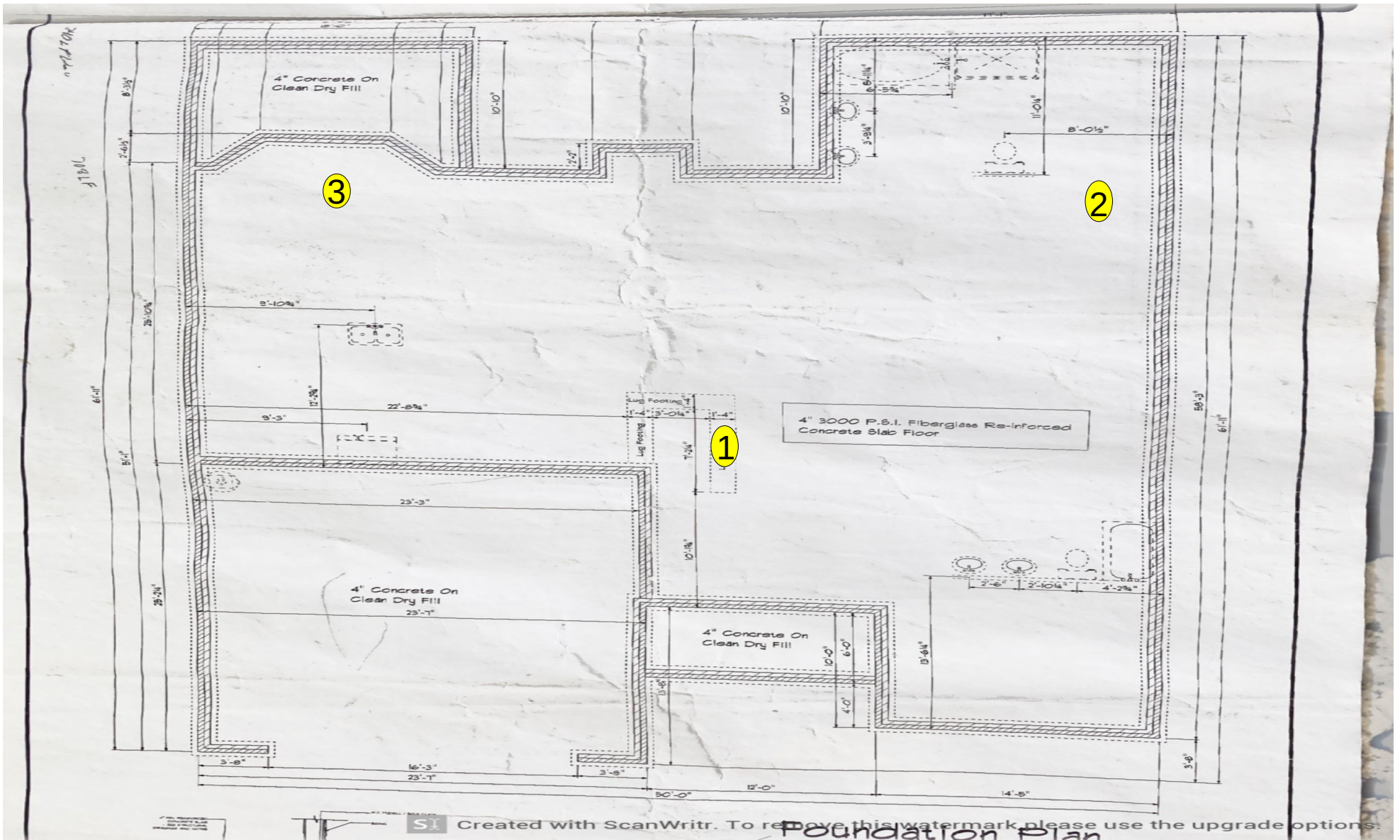
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for stem wall backfill. Please see the attached sketch and data sheet for details.

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.

A total of 3 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 the locations and elevations tested) did appear to be suitable to support the design bearing capacity 2,000 psf.

ECS will return upon request.



Harvey Sangster
 10/25/2022
 Wellons Realty Lot 111
 Proj #: 6204-A
 W/O # 69398

Key

DCP Test Locations



NORTH





Report of Spread Footing - Foundation Observations

Project: Wellons Realty Lot 111
 Location: 24 Black Oak Place
 Spring Lake - Cumberland - NC - 28390
 Contractor: W.S. Wellons Realty

Project No.: 33:6204-A
 Day/Date: 10/25/2022

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	lug footing	x x	x x	N/A	N/A		(0) orange sand (-1/-3) orange clayey sand	6 (0)5-6-6(-1)8-11-13(-2) 10-11-12(-3)11-16-20	2000
2	north east portion of stem wall back fill	x x	x x	N/A	N/A		(0) orange sand (-1) orange clayey sand (-2/-3) tan sand	6 (0)3-9-15(-1)8-9-14(-2)8 -8-8(-3)3-7-5	2000
3	north west portion of stem wall back fill	x x	x x	N/A	N/A		(0) orange sand (-1) orange clayey sand (-2/-3) tan sand	6 (0)5-9-12(-1)13-15-20(-2) 7-10-15(-3)6-7-6	2000

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

By: Harvey Lamar Sangster

ECS Southeast, LLP

WO: 69398