



ECS Southeast, LLP

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

LETTER OF TRANSMITTAL

June 21, 2021
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390
ATTN: Jason Wellons

RE: **Lot 108 Docs Rd**
ECS Job # **33:5615-A**

Permits:
Location: **3134 Docs Rd**
Spring Lake, NC 28390

Field Reports For your use As requested

CC:

ENCL: Field Report # 1 6/18/2021

Jack Edgar Cowsert, P.E.
Senior Project Engineer

Ryan H. Parrish
Construction Materials Project Manager

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 **Lot 108 Docs Rd**
 Location **Spring Lake, NC**
 Client **W.S. Wellons Realty**
 Contractor **W.S. Wellons Realty**

Project No. **33:5615-A**
 Report No. **1**
 Day & Date **Friday 6/18/2021**
 Weather **90 °/ Sunny**
 On-Site Time **2.00**
 Lab Time **0.25**
 Travel Time* **1.50**
 Total **3.75**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage* 50	Time of Arrival	Departure
Chargeable Items			12:15P	2:15P

* 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.

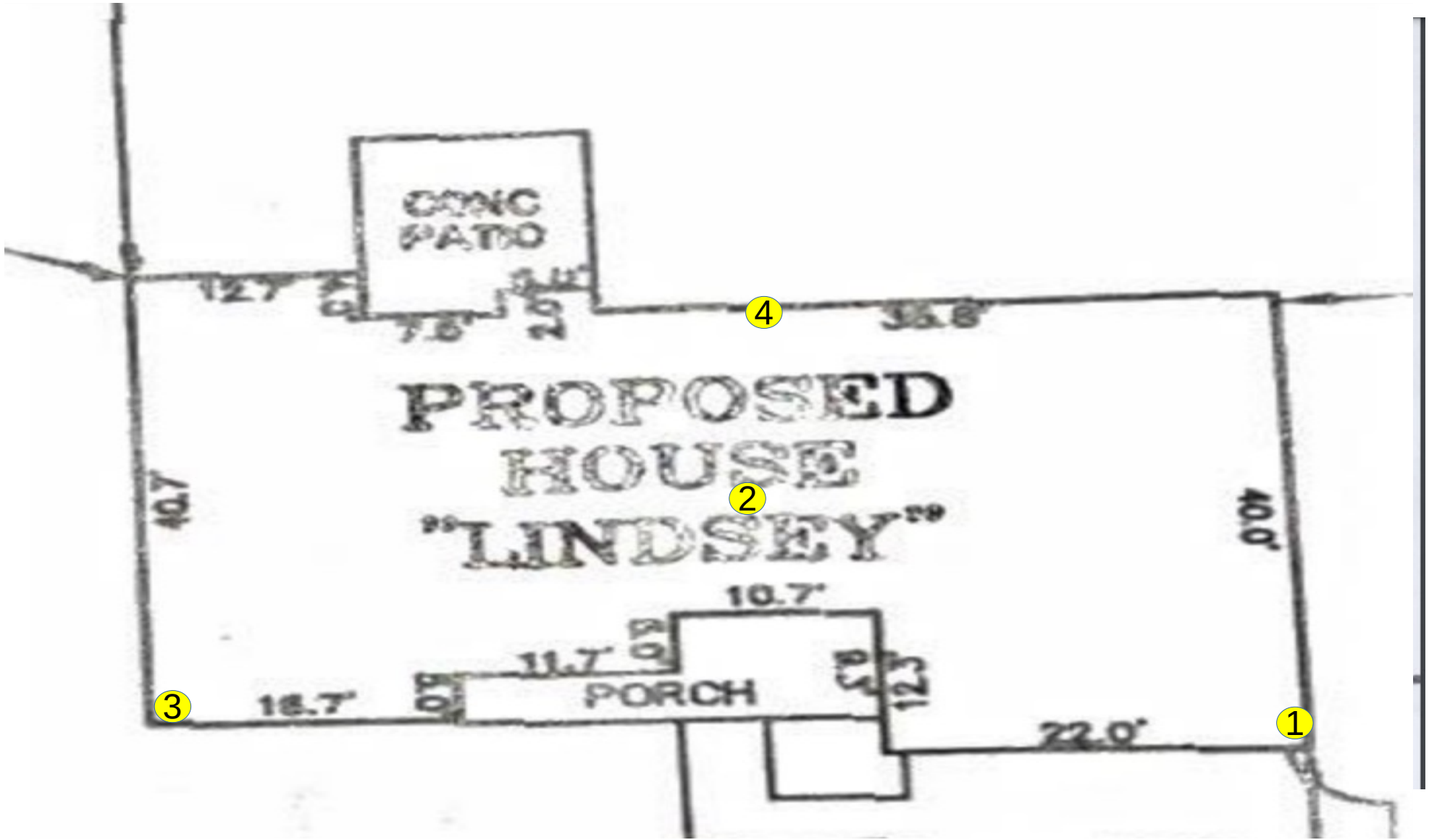
ECS Representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for preliminary foundation footings. Please see the attached sketch and data sheet for details.

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 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 soils, at the areas and elevations tested, should be capable of supporting a foundation designed for a net allowable bearing capacity of 2000 psf.

Locations are assumed to be in the locations of the proposed home layout.

ECS will return, as requested, for additional services.



Josh Griggs
 6/18/2021
 Lot 108 Docs Rd.
 Proj # 5615-A
 W/O # 61703

Key (NTS)
 DCP Locations



NORTH





Report of Spread Footing - Foundation Observations

Project: Lot 108 Docs Rd
 Location: 3134 Docs Rd
 Spring Lake - Cumberland - NC - 28390
 Contractor: W.S. Wellons Realty

Project No.: 33:5615-A
 Day/Date: 6/18/2021

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	southeast footing	x x	x x	N/A	0		orange sand	6 6-8-8	2000
1	southeast footing	x x	x x	N/A	-1		orange sand	6 8-10-10	2000
1	southeast footing	x x	x x	N/A	-2		orange sand	6 7-7-6	2000
1	southeast footing	x x	x x	N/A	-3		orange sand	6 6-7-8	2000
2	center	x x	x x	N/A	0		orange sand	6 8-9-9	2000
2	center	x x	x x	N/A	-1		orange sand	6 8-8-8	2000
2	center	x x	x x	N/A	-2		orange sand	6 8-8-7	2000
2	center	x x	x x	N/A	-3		orange sand	6 8-8-9	2000
3	southwest footing	x x	x x	N/A	0		orange sand	6 6-8-8	2000
3	southwest footing	x x	x x	N/A	-1		orange sand	6 7-8-8	2000
3	southwest footing	x x	x x	N/A	-2		orange clayey sand	6 7-8-8	2000



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3	southwest footing	x x	x x	N/A	-3		orange clayey sand	6 14-17-17	2000
4	north footing	x x	x x	N/A	0		orange sand	6 7-8-8	2000
4	north footing	x x	x x	N/A	-1		orange sand	6 8-8-9	2000
4	north footing	x x	x x	N/A	-2		tan sand	6 8-9-9	2000
4	north footing	x x	x x	N/A	-3		tan sand	6 8-8-7	2000

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

By: Josh Griggs

ECS Southeast, LLP

WO: 61703