



ECS Southeast, LLP

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

LETTER OF TRANSMITTAL

February 23, 2022
JSJ Builders
1135 Robeson Street
Fayetteville, NC 28305
ATTN: James Wiggs

RE: **Lot 29 Williams Farm**
ECS Job # **33:5831-I**

Permits:
Location: **24 Rainy Beck Way**
Erwin, NC 28339

Field Reports For your use As requested

CC:

ENCL: Field Report # 1 2/22/2022

Jack Cowsert, P.E.
Senior Project Engineer

Donny Johnson
Field Services 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 29 Williams Farm**
 Location **Erwin, NC**
 Client **JSJ Builders**
 Contractor **JSJ Builders**

Project No. **33:5831-I**
 Report No. **1**
 Day & Date **Tuesday 2/22/2022**
 Weather **55 ° / Clear**
 On-Site Time **1.25**
 Lab Time **0.25**
 Travel Time* **1.00**
 Total **2.50**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage* 50	Time of Arrival	Departure
Chargeable Items			2:30A	3:45A

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

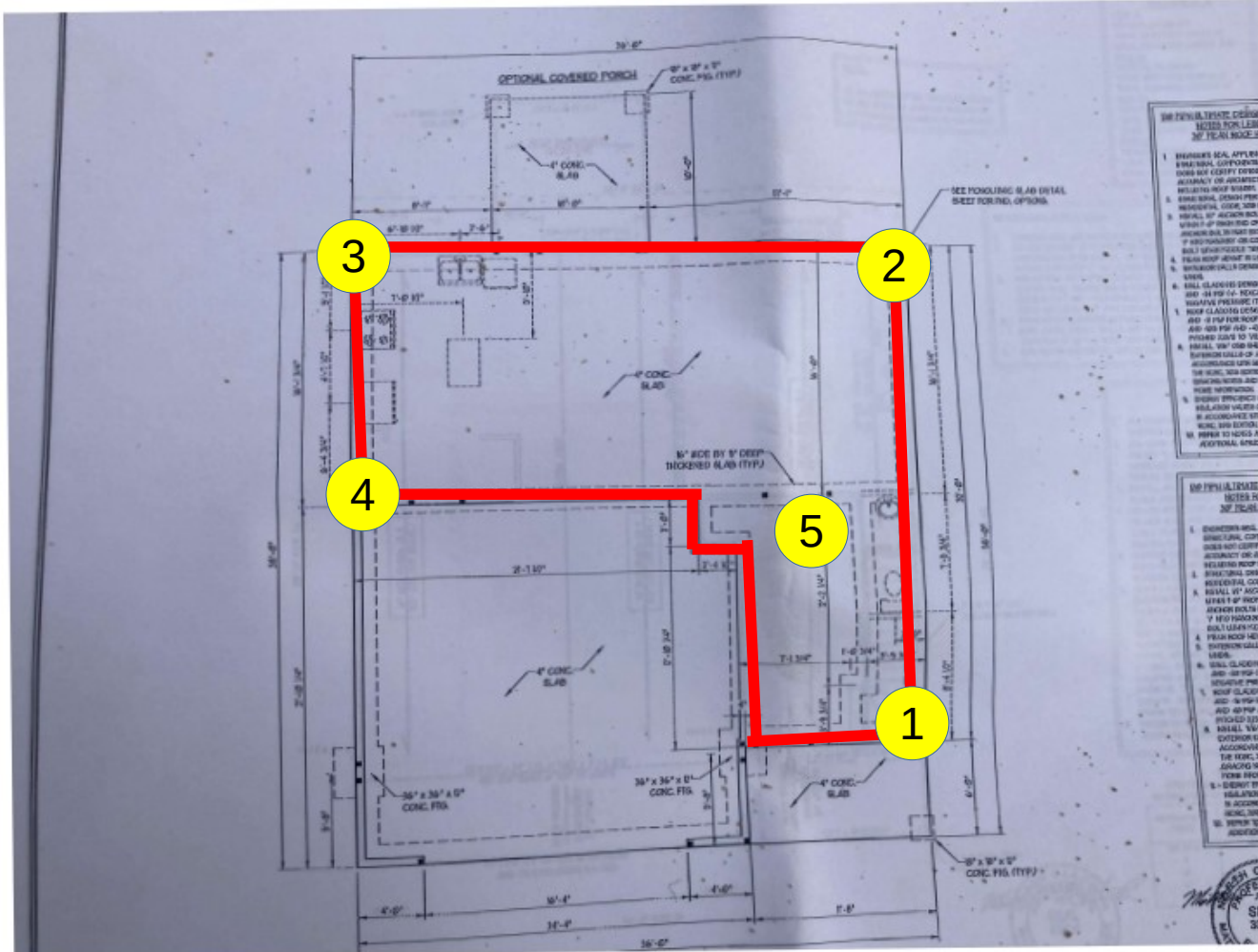
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

An ECS Representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for monolithic slab on grade 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 5 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current footing sub grade elevation. Based on the test results, the materials in place (at the locations and elevations tested) did appear to be suitable to support a design bearing capacity of 2000 psf.

ECS will return upon request.



Tyler Mcfayden
 2/22/2022
 Lot 29 Williams farm
 Proj #5831-I
 W/O #65472

Key (NTS)
 Excavated Footing Location
 DCP Location



NORTH





Report of Spread Footing - Foundation Observations

Project: Lot 29 Williams Farm
 Location: 24 Rainy Beck Way
 Erwin - Harnett - NC - 28339
 Contractor: JSJ Builders

Project No.: 33:5831-I
 Day/Date: 2/22/2022

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	1	x x	x x	N/A	0		orange sand	6 5,5,5	2000
1	1	x x	x x	N/A	-1		orange sand	6 7,7,6	2000
1	1	x x	x x	N/A	-2		orange sand	6 8,7,8	2000
1	1	x x	x x	N/A	-3		orange sand	6 6,6,7	2000
2	2	x x	x x	N/A	0		black sand	6 7,7,6	2000
2	2	x x	x x	N/A	-1		black sand	6 9,7,7	2000
2	2	x x	x x	N/A	-2		orange sand	6 10,8,9	2000
2	2	x x	x x	N/A	-3		orange sand	6 6,6,7	2000
3	3	x x	x x	N/A	0		orange sand	6 3,5,5	2000
3	3	x x	x x	N/A	-1		orange sand	6 9,7,8	2000
3	3	x x	x x	N/A	-2		orange sand	6 6,6,7	2000



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3	3	x x	x x	N/A	-3		orange sand	6 9,8,8	2000
4	4	x x	x x	N/A	0		orange sand	6 6,5,5	2000
4	4	x x	x x	N/A	-1		orange sand	6 7,7,6	2000
4	4	x x	x x	N/A	-2		orange sand	6 10,8,9	2000
4	4	x x	x x	N/A	-3		orange sand	6 25+	2000
5	5	x x	x x	N/A	0		orange sand	6 7,7,7	2000
5	5	x x	x x	N/A	-1		orange sand	6 10,8,6	2000
5	5	x x	x x	N/A	-2		orange sand	6 7,6,6	2000
5	5	x x	x x	N/A	-3		orange sand	6 6,6,8	2000

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



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By: Tyler McFayden

ECS Southeast, LLP

WO: 65472