



ECS Southeast, LLC

6151 Raeford Road, Suite A
Fayetteville, NC 28304
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LETTER OF TRANSMITTAL

November 25, 2024
Joseph Daigle- Self

Sanford, NC 27330
ATTN: Joseph Daigle

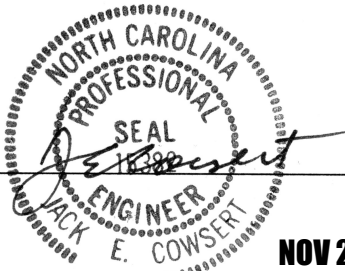
RE: **Daigle Home**
ECS Job # **33:7150**

Permits:
Location: **2072 Thomas Kelly Road**
Sanford, NC 27330

Field Reports For your use As requested

CC:

ENCL: Field Report # 1 11/22/2024



NOV 25 2024

Jack Cowsert, P.E.
Office Manager

Robert T. Harrigan
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, LLC
 6151 Raeford Road, Suite A
 Fayetteville, NC 28304
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FIELD REPORT

Project **Daigle Home**
 Location **Sanford, NC**
 Client **Joseph Daigle- Self**
 Contractor **None Listed**

Project No. **33:7150**
 Report No. **1**
 Day & Date **Friday 11/22/2024**
 Weather **48 °/ 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			1:30P	2:30P

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

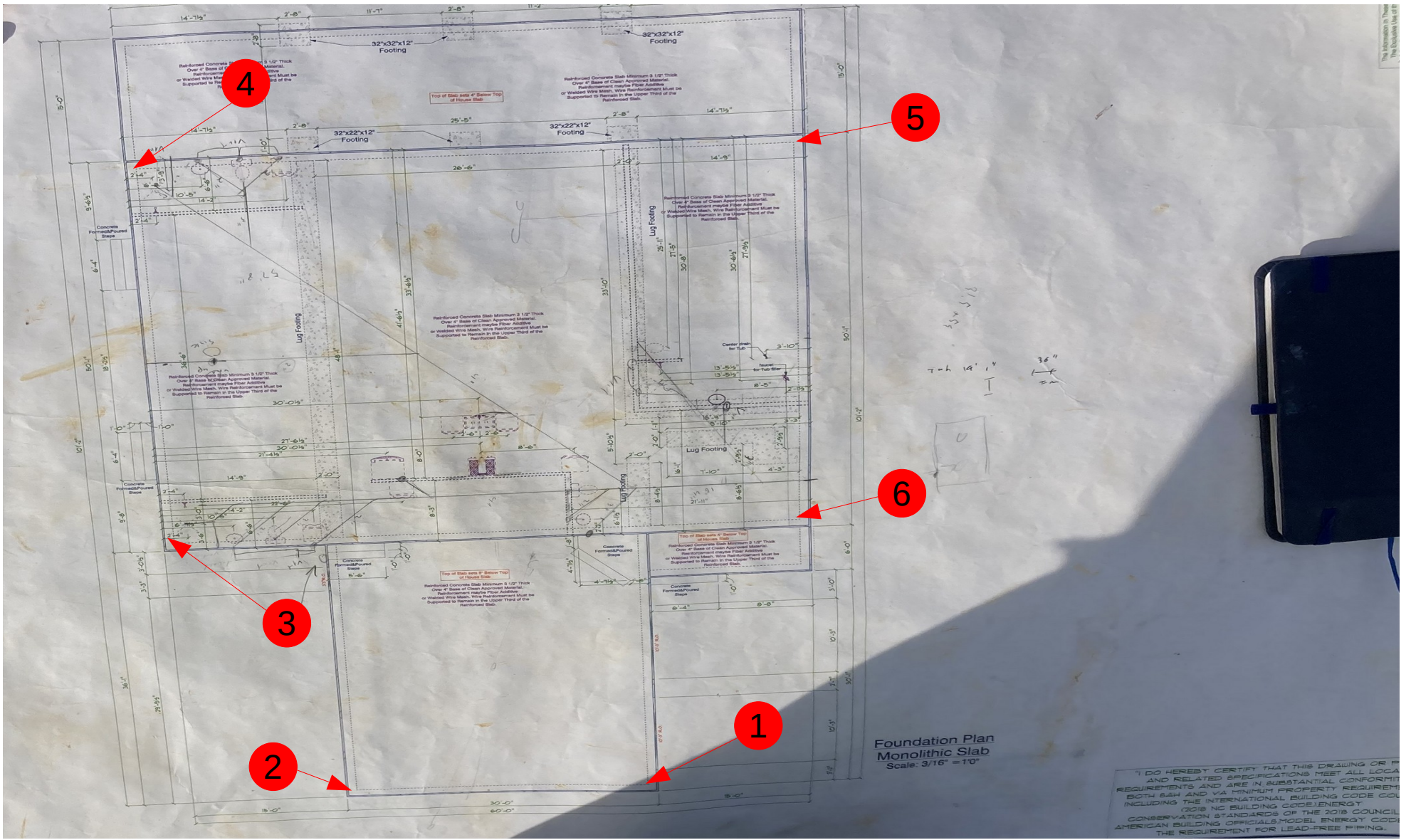
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

An ECS representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for 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 6 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 of 2,000 psf.

ECS will return, as requested, for additional services.



Christopher H.A. Johnson
11/22/2024
Daigle Home
Proj #: 7150
W/O # 81260

Key (NTS)
DCP Test Location: #



NORTH
↑



Report of Foundation Observations

Project: Daigle Home
 Location: 2072 Thomas Kelly Road
Sanford - Harnett - NC - 27330

ECS Project No. : 33:7150
 Date: 11/22/2024

General Location: _____
 Footing Type: _____

Design Bearing Pressure: 2000

Test No.	Location	Size		Footing Bottom Elevation		Depth of Undercut	Description of Steel Placed	Description of Foundation Subgrade Material	Depth of Test	# of blows per increment
			Design	Actual	Design**					
1	south east corner of lot	W	0' 0"	0' 0"			0' 0"	(0,-1,-2,-3)red sandy clay		
		D	0' 0"	0' 0"						
		L	0' 0"	0' 0"						
2	south west corner of lot	W	0' 0"	0' 0"			0' 0"	(0,-1,-2,-3)red sandy clay		
		D	0' 0"	0' 0"						
		L	0' 0"	0' 0"						
3	west corner of lot	W	0' 0"	0' 0"			0' 0"	(0,-1,-2,-3)red sandy clay		
		D	0' 0"	0' 0"						
		L	0' 0"	0' 0"						
4	north west corner of lot	W	0' 0"	0' 0"			0' 0"	(0,-1,-2,-3)red sandy clay		
		D	0' 0"	0' 0"						
		L	0' 0"	0' 0"						
5	north east corner of lot	W	0' 0"	0' 0"			0' 0"	(0,-1,-2,-3)red sandy clay		
		D	0' 0"	0' 0"						
		L	0' 0"	0' 0"						
6	east corner of lot	W	0' 0"	0' 0"			0' 0"	(0,-1,-2,-3)red sandy clay		
		D	0' 0"	0' 0"						
		L	0' 0"	0' 0"						

* Depth of DCP, or other methods of determining the soil stiffness
 ** Subgrade elevation reported by any means the contractor provided

By: Christopher H Johnson

ECS Southeast, LLC

WO: 81260

Attachments



IMG_3590

Figure 1



IMG_3591

Figure 2