



ECS Southeast, LLC

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

February 28, 2024
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

RE: **Liberty Meadows Lot 66**
ECS Job # **33:6442-W**

Permits:
Location: **18 Sam Adams St**
Cameron, NC 28326

<input checked="" type="checkbox"/>	Field Reports	<input checked="" type="checkbox"/>	For your use	<input checked="" type="checkbox"/>	As requested
CC:	Precision Custom Homes - Allen Peterson		Precision Custom Homes - Lauren Ceruti		

ENCL: Field Report # 1 2/27/2024

Jack Cowsert, P.E.
Office Manager

Aaron Kyle Adair
CMT Senior Project Coordinator



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 **Liberty Meadows Lot 66**
 Location **Cameron, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

Project No. **33:6442-W**
 Report No. **1**
 Day & Date **Tuesday 2/27/2024**
 Weather **60 °/ Sunny**
 On-Site Time **3.50**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **3.50**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			12:00P	3:30P

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

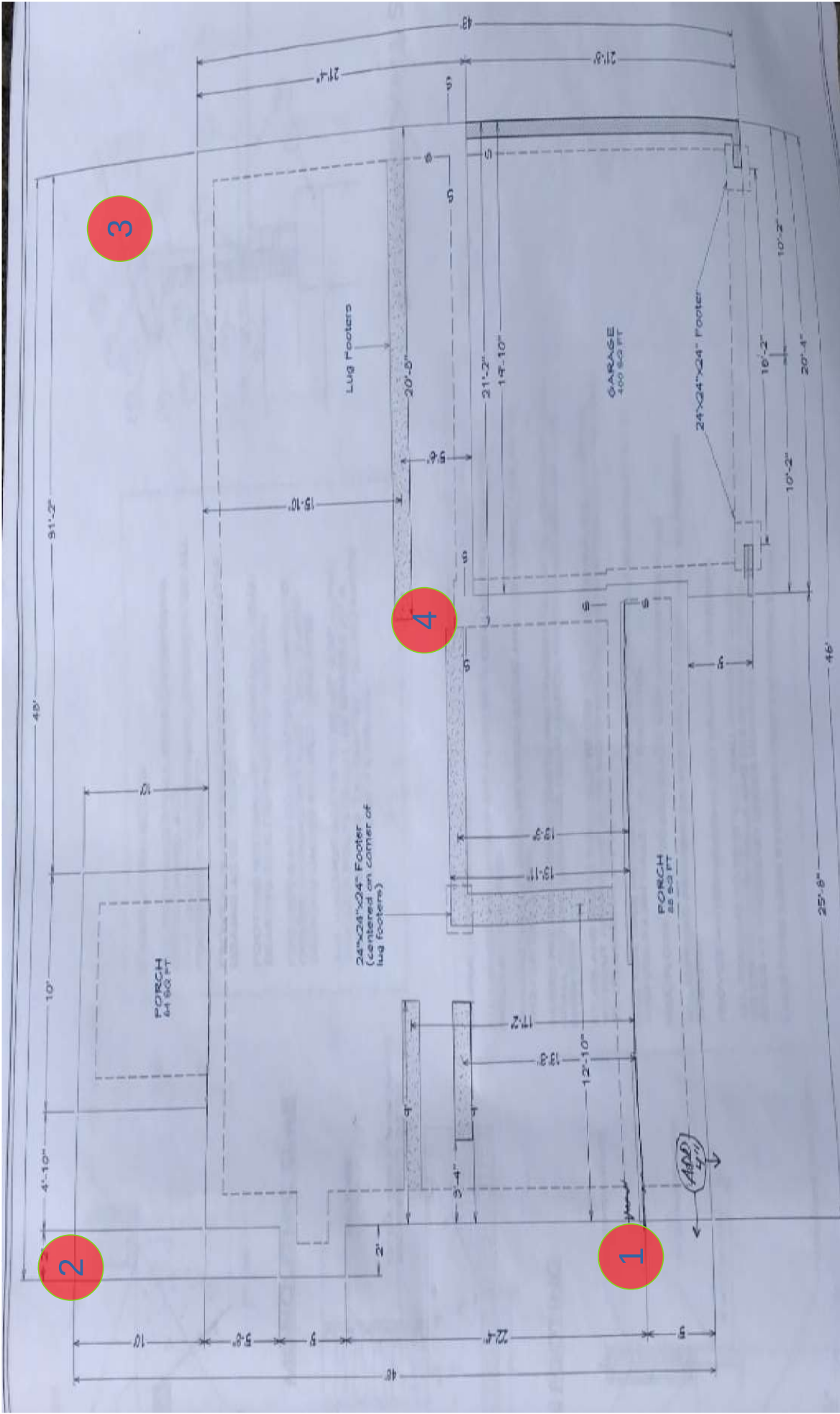
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

ECS arrived on site, as requested, to observe and evaluate the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for the proposed monolithic slab foundation. Please see attached sketch.

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 evaluation(s) were performed to a depth of approximately 4 feet below the current foundation sub-grade elevation. It is to the opinion of ECS that the materials in place, at test locations and elevations tested, did appear to be suitable to support the design bearing capacity 2000 psf.

ECS will return, upon request, to perform additional services.



Key

DCP Locations = #

Jemario Boykin
 2024-2-27
 Liberty Meadows
 Proj#: 6742-W
 WO# 76468



Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 66
 Location: 18 Sam Adams St
 Cameron - Moore - NC - 28326
 Contractor: Precision Custom Homes

Project No.: 33:6442-W
 Day/Date: 2/27/2024

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	south west corner	x x	x x	N/A			orange SAND (0/3) orange sand CLAY(4)	6	(0)3,3,5 (1)7, 10,11 (2) 12,9,17 (3) 25+ (4) 25+	2000
2	north west corner	x x	x x	N/A	N/A		orange SAND (0/3) orange sand CLAY(4)	6	(0)3,8,13 (1)5,7,6 (2) 12,9,10 (3) 25+ (4)17, 25+	2000
3	north east corner	x x	x x	N/A			orange SAND (0/3) orange sand CLAY(4)	6	(0)10,13,9 (1)8,11,9(2) 25+ (3) 7,8,10 (4) 25+	2000
4	south east corner	x x	x x	N/A	N/A		orange SAND (0/2) orange sand CLAY(3/4)	6	(0)12,14,8 (1) (2) 12,9,10 (3) 25+ (4)17, 25+	2000

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

By: Jemario D Boykin

ECS Southeast, LLC

WO: 76468

Attachments



LM1

Figure 1



LM2

Figure 2

Attachments



LM3

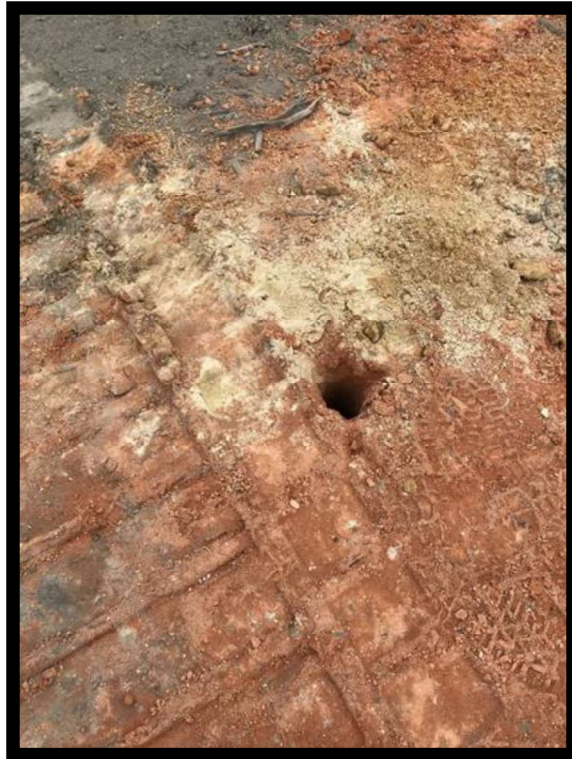
Figure 3



LM4

Figure 4

Attachments



LM5

Figure 5



LM6

Figure 6