



ECS Southeast, LLP

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Fayetteville, NC 28304
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LETTER OF TRANSMITTAL

November 11, 2022
Precision Custom Homes

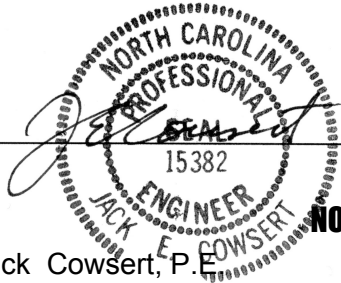
Raeford, NC 28376
ATTN: Shaun Gardner

RE: **Liberty Meadows Lot 39**
ECS Job # **33:6122-M**

Permits:
Location: **51 Hancock Ct.**
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 11/10/2022



Jack Cowsert, P.E.
Office Manager

Ryan H. Parrish
CMT Group Supervisor

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]
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FIELD REPORT

Project **Liberty Meadows Lot 39**
 Location **Cameron, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

Project No. **33:6122-M**
 Report No. **1**
 Day & Date **Thursday 11/10/2022**
 Weather **60 °/ Cloudy**
 On-Site Time **2.50**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **2.50**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Times of Arrival	Departure
Chargeable Items			9:00A	9:45A
			11:00A	12:45P

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

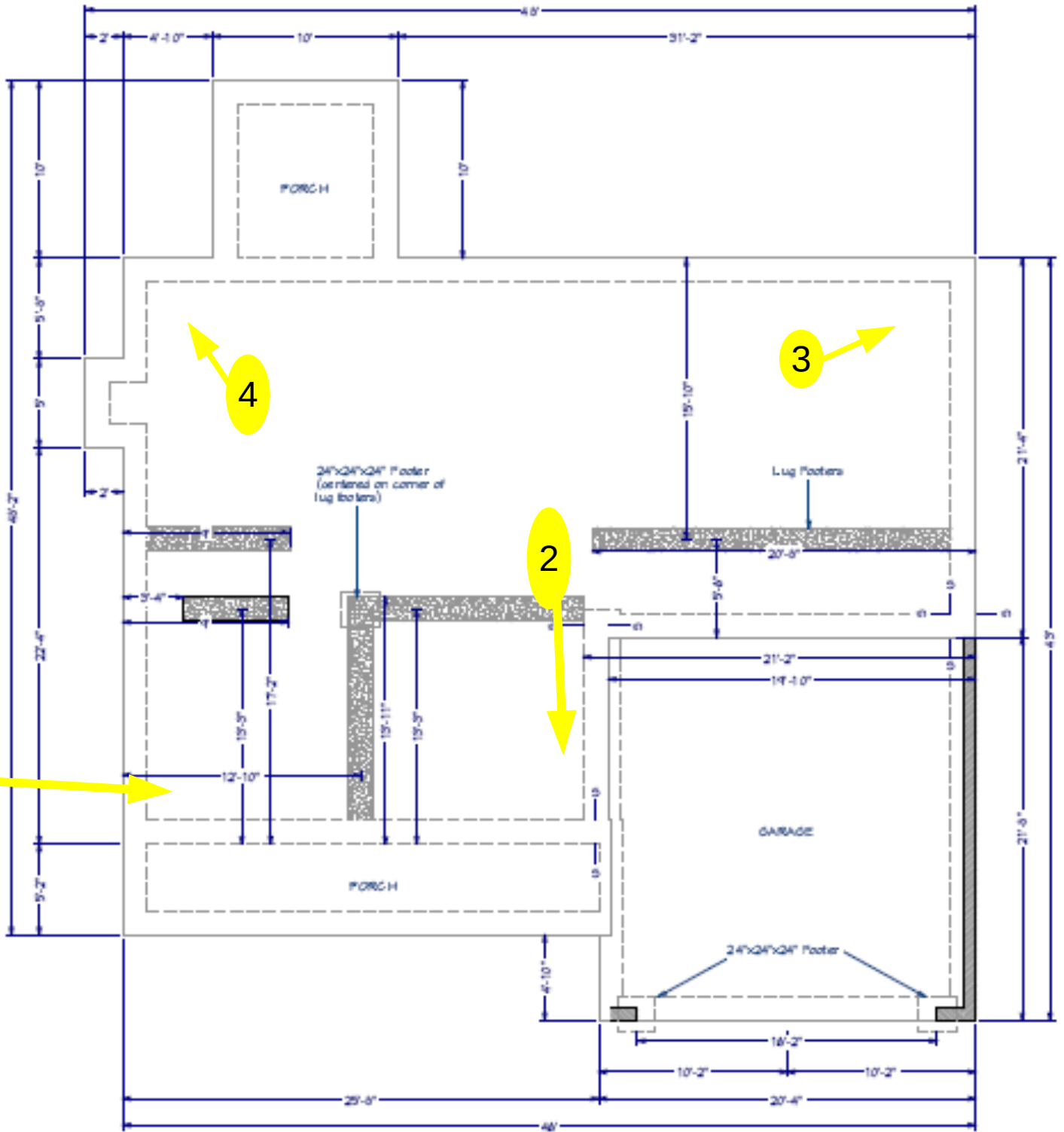
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for the monolithic slab. 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 the materials in place (at the locations and elevations tested) did appear to be suitable to support the design bearing capacity 2,000 psf.

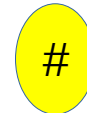
ECS will return, as requested, for additional services.



Harvey Sangster
 11/10/2022
 Proj # 6122-M
 W/O # 69656

KEY (Pre-foundation)

DCP Location





Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 39
 Location: 51 Hancock Ct.
 Cameron - Hamett - NC - 28326
 Contractor: Precision Custom Homes

Project No.: 33:6122-M
 Day/Date: 11/10/2022

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	Southwest Corner	X X	X X	N/A	N/A		(0)Orange sandy CLAY(-1/-3)Tan sandy CLAY	6 (0)8-8-9(-1)18-23-23(-2)8-11-9(-3)10-14-14	2000	
2	5 feet from Southwest Corner towards the east	X X	X X	N/A	N/A		(0)Orange sandy CLAY(-1/-3)Tan sandy CLAY	6 (0)8-10-11(-1)18-25+(-2)19-25+(-3)11-14-15	2000	
3	Northeast Corner	X X	X X	N/A	N/A		(0/-1)Orange sandy CLAY(-2/-3)Tan sandy CLAY	6 (0)8-9-10(-1)12-12-13(-2)11-18-25+(-3)11-13-15	2000	
4	Northwest Corner	X X	X X	N/A	N/A		(0)Orange sandy CLAY(-1/-3)Tan sandy CLAY	6 (0)15-13-15(-1)17-22-25+(-2)13-9-9(-3)5-5-13	2000	

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

By: Harvey Lamar Sangster



Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 39

Location: 51 Hancock Ct.

Contractor: Cameron - Hammett - NC - 28326
Precision Custom Homes

Project No.: 33:6122-M

Day/Date: 11/10/2022

ECS Southeast, LLP

WO: 69656