

ECS Southeast, LLP

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LETTER OF TRANSMITTAL

August 9, 2022

Precision Custom Homes

Raeford, NC 28376

ATTN: Mr. Allen Peterson

RE: Liberty Meadows Lot 14

ECS Job # 33:6122

Permits:

Location: 54 Edes Ct

Cameron, NC 28326

 \underline{X} Field Reports \underline{X} For your use \underline{X} As requested

CC:

ENCL: Field Report # 1 8/5/2022

Jack Cowsert, P.E. Office Manager

Elouset

Aaron Kyle Adair 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.



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Project Liberty Meadows Lot 14

Location Cameron, NC

Client Precision Custom Homes

Contractor Precision Custom Homes

FIELD REPORT

Project No. **33:6122**

Report No. 1

Day & Date Friday 8/5/2022 Weather 98 °/ Sunny

0.00

 On-Site Time
 1.50

 Lab Time
 0.00

 Travel Time*
 0.00

 Total
 1.50

Re Obs Time

Remarks

Trip Charges* Tolls/Parking* Mileage* Time of Arrival Departure

Chargeable Items 10:00A 11:30A

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

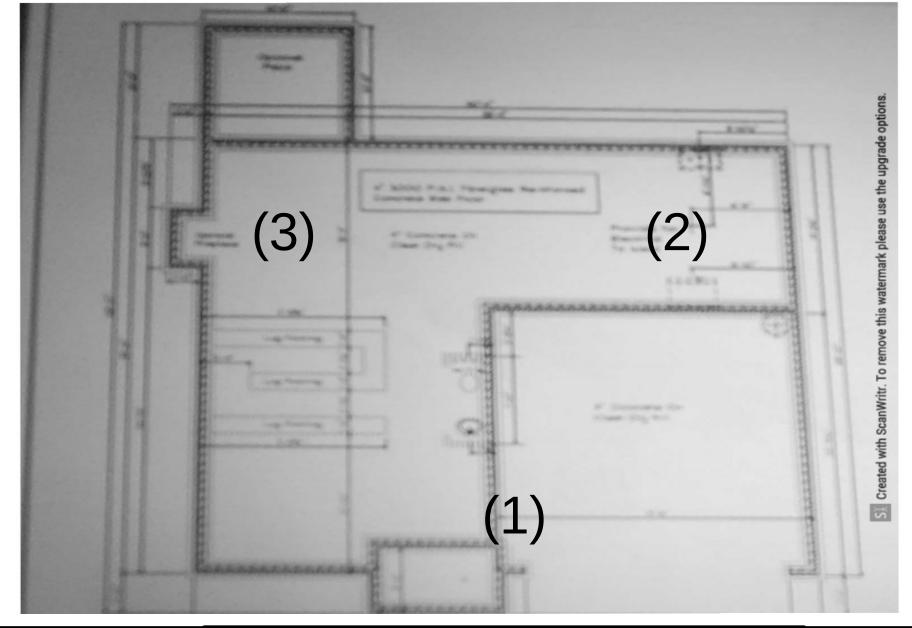
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to check the bearing capacity of backfilled soils via hand auger/DCP method for residential stem wall backfill. 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 3 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current soil sub grade elevation. Test results indicated that the materials in place did appear to be suitable to support a design bearing capacity 2,000 psf.

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



Danny Blanco 8-2-2022 Liberty Meadow lot14 Pj# 6122 WO# 68250

Key

Bearing Observation



Dcp Location



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NC Registered Firm # F-1078



Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 14 Project No.: 33:6122 Location: 54 Edes Ct Day/Date: 8/5/2022

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

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation			December of	Required Blow Counts	Decima
		Design	Actual	Design **	Depth of Undercut (in)	Description of Steel Placed	Description of Subgrade Material	# of Blows / Increment	Design Bearing Pressure
1	South pad	хх	хх	N/A	N/A			6 0(5,6,7)-1(6,8,8,)-2 (7,8,9)-3(8,9,10)	2000
1	east pad	хх	хх	N/A	N/A		Orange Sand/ Natural (1 foot)	6 0(7,7,8)-1(6,8,8)-2 (7,8,9)-3(8,9,10)	2000
1	North pad	хх	хх	N/A	N/A		Orange Sand/ Natural (1 foot)	6 0(6,7,7)-1(8,8,9)-2 (8,9,10)-3(9,9,10)	2000

^{**} SGE: Subgrade Elevation to be determined by surveyor.

Зу:	Danny Joel Blanco						
	ECS Southeast, LLP						

WO: 68250