



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

September 6, 2022
Precision Custom Homes

Raeford, NC 28376
ATTN: Mr. Allen Peterson

RE: **Liberty Meadows Lot 19**
ECS Job # **33:6122-E**

Permits:
Location: **148 Edes Ct**
Cameron, NC 28326

Field Reports For your use As requested

CC:

ENCL: Field Report # 2 8/31/2022



SEP 06 2022

Jack Cowser, P.E.
Office Manager

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.



ECS Southeast, LLP
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 Fayetteville, NC 28304
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FIELD REPORT

Project **Liberty Meadows Lot 19**
 Location **Cameron, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

Project No. **33:6122-E**
 Report No. **2**
 Day & Date **Wednesday 8/31/2022**
 Weather **89 °/ Sunny**
 On-Site Time **1.25**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **1.25**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			12:15P	1:30P

* 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 check the bearing capacity of soils via hand auger/DCP method for footing areas prior to concrete placement. 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 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 upon request.



Todd T. Davis
08/31/2022
Liberty Meadows Lot 19
Proj #: 6122-E
W/O # 68597

Key (NTS)
View of Lot 19

DCP Locations





Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 19
 Location: 148 Edes Ct
 Cameron - Harnett - NC - 28326
 Contractor: Precision Custom Homes

Project No.: 33:6122-E
 Day/Date: 8/31/2022

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	Front Right	x x	x x	N/A	N/A		(0) Tan-Orange Silty Sand (1) Gray Silty Sand (2) Tan Silty Sand (3) Tan-Orange Clayey Sand	6	2000
								(0) 8,9,11 (1) 9,10,13 (2) 12,12,15 (3) 11,17,18	
2	Front Left	x x	x x	N/A	N/A		(0) Tan-Orange Silty Sand (1) Gray Silty Sand (2-3) Tan Silty Sand	6	2000
								(0) 10,11,11 (1) 9,12,15 (2) 10,10,11 (3) 13,17,17	
3	Rear Left	x x	x x	N/A	N/A		(0) Tan-Orange Silty Sand (1) Gray Silty Sand (2) Tan Silty Sand (3) Tan-Orange Clayey Sand	6	2000
								(0) 10,11,11 (1) 8,9,10 (2) 9,11,14 (3) 12,15,17	
4	Rear Right	x x	x x	N/A	N/A		(0) Tan-Orange Silty Sand (1) Gray Silty Sand (2) Tan Silty Sand (3) Tan-Orange Clayey Sand	6	2000
								(0) 9,10,12 (1) 11,11,12 (2) 12,15,15 (3) 14,17,18	

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



Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 19
Location: 148 Edes Ct
Cameron - Harnett - NC - 28326
Contractor: Precision Custom Homes

Project No.: 33:6122-E
Day/Date: 8/31/2022

By: Todd Davis

ECS Southeast, LLP

WO: 68597