



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

March 20, 2023
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

RE: **Liberty Meadows Lot 31**
ECS Job # **33:6122-Z**

Permits:
Location: **368 Solomon**
Cameron, NC 28326

Field Reports For your use As requested

CC: Precision Custom Homes - Allen Peterson Precision Custom Homes - Lauren Ceruti

ENCL: Field Report # 1 3/20/2023

Jack Cowsert, 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 31**
 Location **Cameron, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

Project No. **33:6122-Z**
 Report No. **1**
 Day & Date **Monday 3/20/2023**
 Weather **48 °/ Sunny**
 On-Site Time **2.75**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **2.75**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			8:30A	11:15A

* 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 for monolithic slab foundation. Footings have not be excavated. Please see the attached sketch for location details.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current 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.



Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 31
 Location: 368 Solomon
 Cameron - Harnett - NC - 28326
 Contractor: Precision Custom Homes

Project No.: 33:6122-Z
 Day/Date: 3/20/2023

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 east corner	x x	x x	N/A	N/A		(0/-1) orange sand (-2/-3) tan sandy clay	6 (0)7-7-7(-1)5-6-8(-2)9-10-9(-3)10-10-10	2000
2	north east corner	x x	x x	N/A	N/A		(0/-2) orange clay sand (-3) tan sandy clay	6 (0)3-6-6(-1)7-7-9(-2)12-14-15(-3)12-9-10	2000
3	north west corner	x x	x x	N/A	N/A		(0/-1) orange sand (-2/-3) brown sand	6 (0)7-7-7(-1)7-9-11(-2)8-8-8(-3)18-25+	2000
4	south west corner	x x	x x	N/A	N/A		(0/-1) orange sand (-2/-3) tan sand clay	6 (0)4-6-8(-1)4-7-7(-2)9-9-10(-3)8-10-8	2000

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

By: George Pate Oxendine Jr.

ECS Southeast, LLP



Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 31
Location: 368 Solomon
Cameron - Harnett - NC - 28326
Contractor: Precision Custom Homes

Project No.: 33:6122-Z
Day/Date: 3/20/2023

WO: 71300