



ECS Southeast, LLC

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

July 19, 2024
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

RE: **Liberty Meadows Lot 21**
ECS Job # **33:6442-A6**

Permits:
Location: **180 Edes Ct**
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 7/19/2024

Jack Cowsert, P.E.
Office Manager

Javonte Keimo Isaac, E.I.T.
Construction Materials Project Manager



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
 (910) 401-3288 [Phone]
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FIELD REPORT

Project **Liberty Meadows Lot 21**
 Location **Cameron, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

Project No. **33:6442-A6**
 Report No. **1**
 Day & Date **Friday 7/19/2024**
 Weather **76 °/ Cloudy**
 On-Site Time **2.25**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **2.25**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			9:30A	11:45A

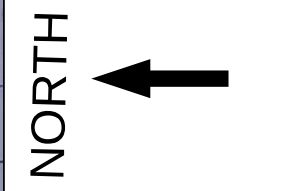
* Travel time and mileage will be billed in accordance with the contract.

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

ECS Representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for the proposed home lot foundation. Please see the attached sketch and data sheet for details.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 4 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 of 2,000 psf.

ECS will return, as requested, for additional services.



#

Key (NTS)
DCP Locations

Izayah Rutledge
 July 19, 2024
 Liberty Meadows Lot 21
 P: 6442-A6
 WO: 78572

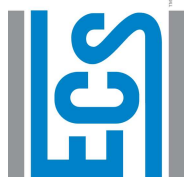


Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 21
 Location: 180 Edes Ct
 Cameron - Moore - NC - 28326
 Contractor: Precision Custom Homes

Project No.: 33:6442-A6
 Day/Date: 7/19/2024

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	Southwest Corner	x x	x x	N/A	N/A		0:Orange Rocky Sand -1: Brown Sand -2:Light Brown Sand *Offset By 3ft* - 3:Orange Sand -4:Light Brown Sand	6	0:6,5,7 -1:7,8,8 -2:7,8,9 -3:25+ -4:18,19,16	2000
2	Northeast Corner	x x	x x	N/A	N/A		0:Orange Rocky Sand -1: Orange Sand - 2:Light Brown Sand -3:Brown Sand -4:Light Brown Sand	6	0:2,3,4 -1:4,4,3 -2:7,5,4 -3:7,6,6 -4:10,6,7	2000
3	Northwest Corner	x x	x x	N/A	N/A		0:Orange Rocky Sand -1,-2: Orange Sand - 3:Brown Sand - 4:Light Brown Sand	6	0:2,1,1 -1:5,3,4 - 2:15,9,9 -3:8,6,6 - 4:9,8,7	2000
4	Southwest Corner	x x	x x	N/A	N/A		0:Orange Rocky Sand -1:Light Brown Sand - 2: Orange Sand -3,-4:Brown Clayey Sand {-4:22,20,15}	6	0:3,4,4 -1:4,3,4 - 2:15,14,11 -3:15,18,23	2000



Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 21

Location: 180 Edes Ct
Cameron - Moore - NC - 28326

Contractor: Precision Custom Homes

Project No.: 33:6442-A6

Day/Date: 7/19/2024

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

By: Izayah MoReIl Rutledge

ECS Southeast, LLC

WO: 78572

Attachments



2024-Jul-19 (1)

Figure 1



2024-Jul-19 (5)

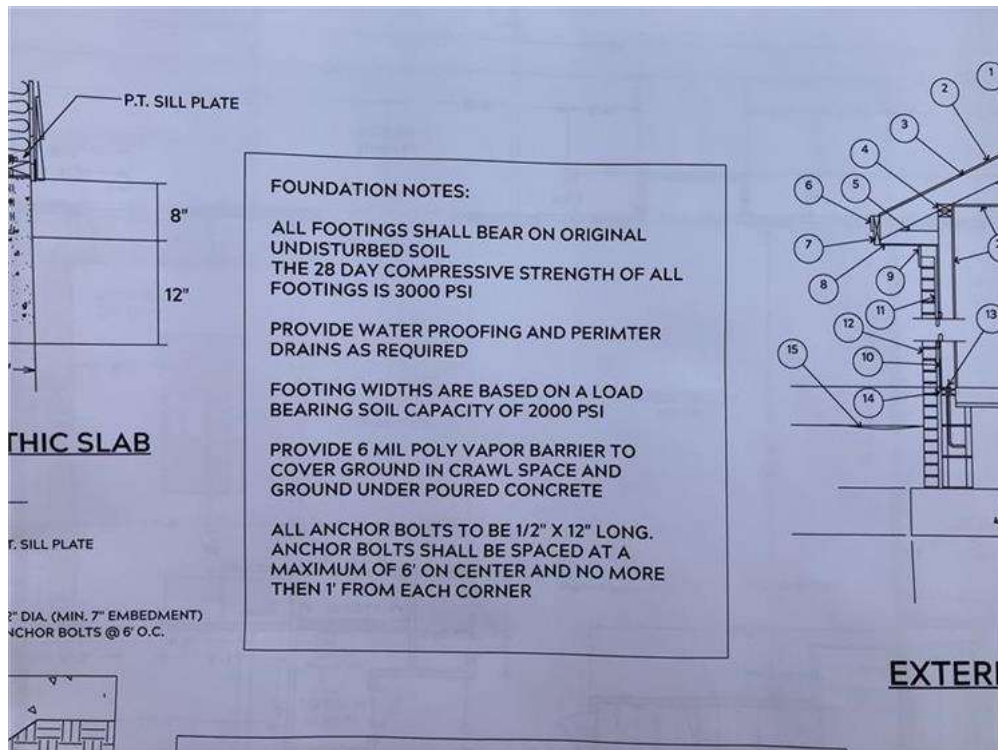
Figure 2

Attachments



2024-Jul-19 (4)

Figure 3



2024-Jul-19 (2)

Figure 4



Attachments



2024-Jul-19 (12)

Figure 5



2024-Jul-19 (11)

Figure 6

Attachments



2024-Jul-19 (10)

Figure 7



2024-Jul-19 (9)

Figure 8

Attachments



2024-Jul-19 (8)

Figure 9



2024-Jul-19 (7)

Figure 10

Attachments



2024-Jul-19 (6)

Figure 11



2024-Jul-19 (3)

Figure 12