



ECS Southeast, LLC

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LETTER OF TRANSMITTAL

March 20, 2024
Precision Custom Homes

Raeford, NC 28376
ATTN: Shaun Gardner

RE: **Liberty Meadows Lot 68**
ECS Job # **33:6442-X**

Permits:
Location: **56 Sam Adams**
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 3/18/2024

Jack Cowsert, P.E.
Office Manager

Aaron Kyle Adair
CMT Senior Project Coordinator



3/22/2024

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
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 Fayetteville, NC 28304
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FIELD REPORT

Project **Liberty Meadows Lot 68**
 Location **Cameron, NC**
 Client **Precision Custom Homes**
 Contractor **Precision Custom Homes**

Project No. **33:6442-X**
 Report No. **1**
 Day & Date **Monday 3/18/2024**
 Weather **61 °/ Sunny**
 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 | | | | 1:15P | 3:30P |

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

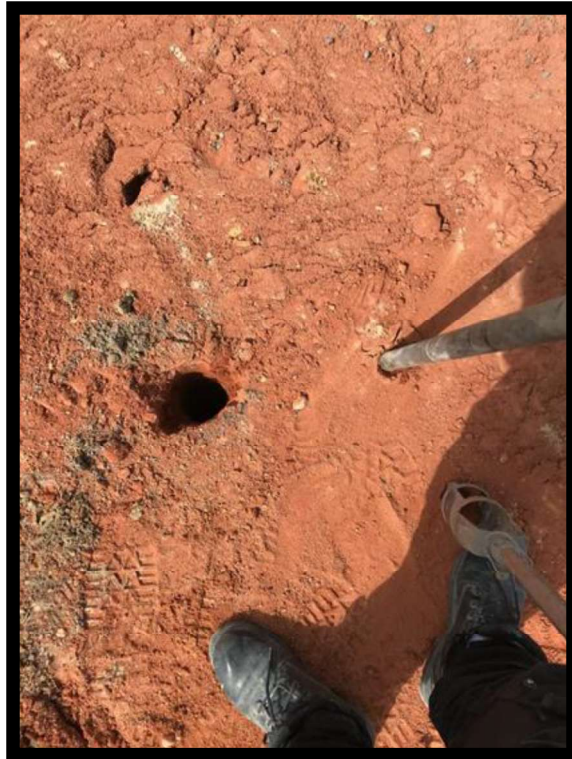
Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

ECS arrived on site, as requested, to observe and evaluate the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for the monolithic slab foundation. Please see attached sketch.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current foundation sub-grade elevation. Test results indicated that the materials in place, at test locations and elevations tested, did appear to be suitable to support the design bearing capacity of 2,000 psf.

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

Attachments



meadows1

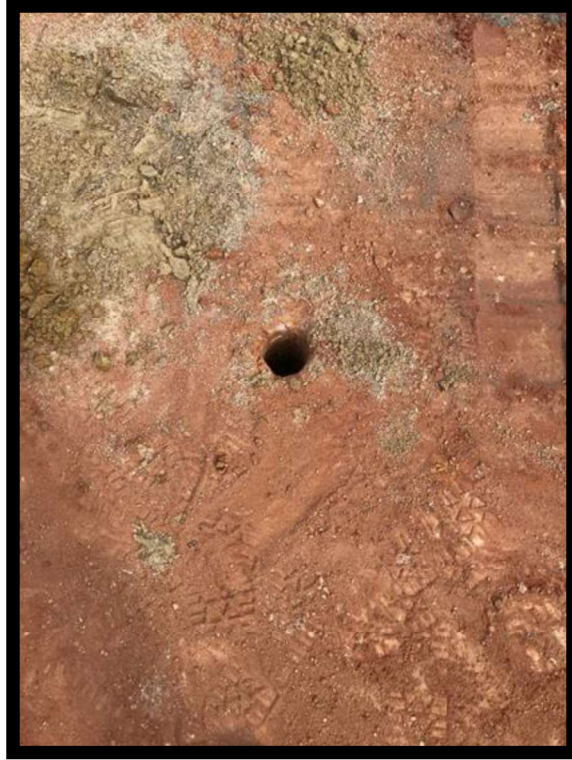
Figure 1



meadows2

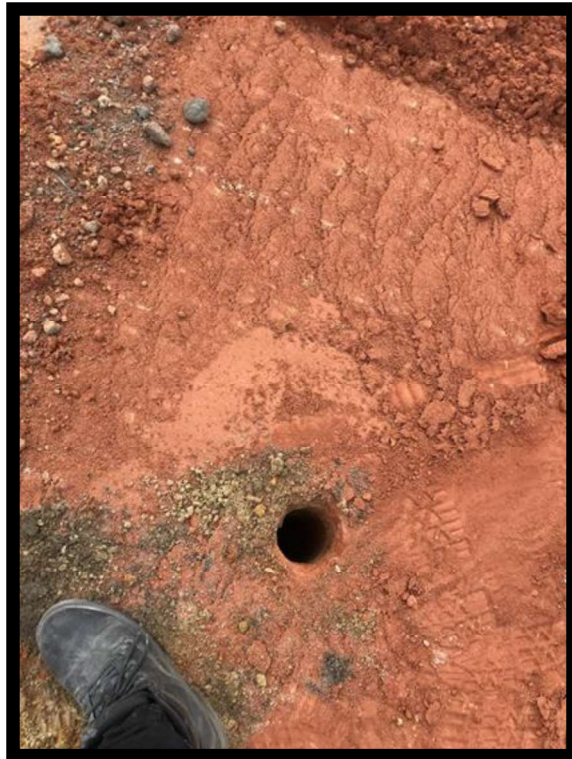
Figure 2

Attachments



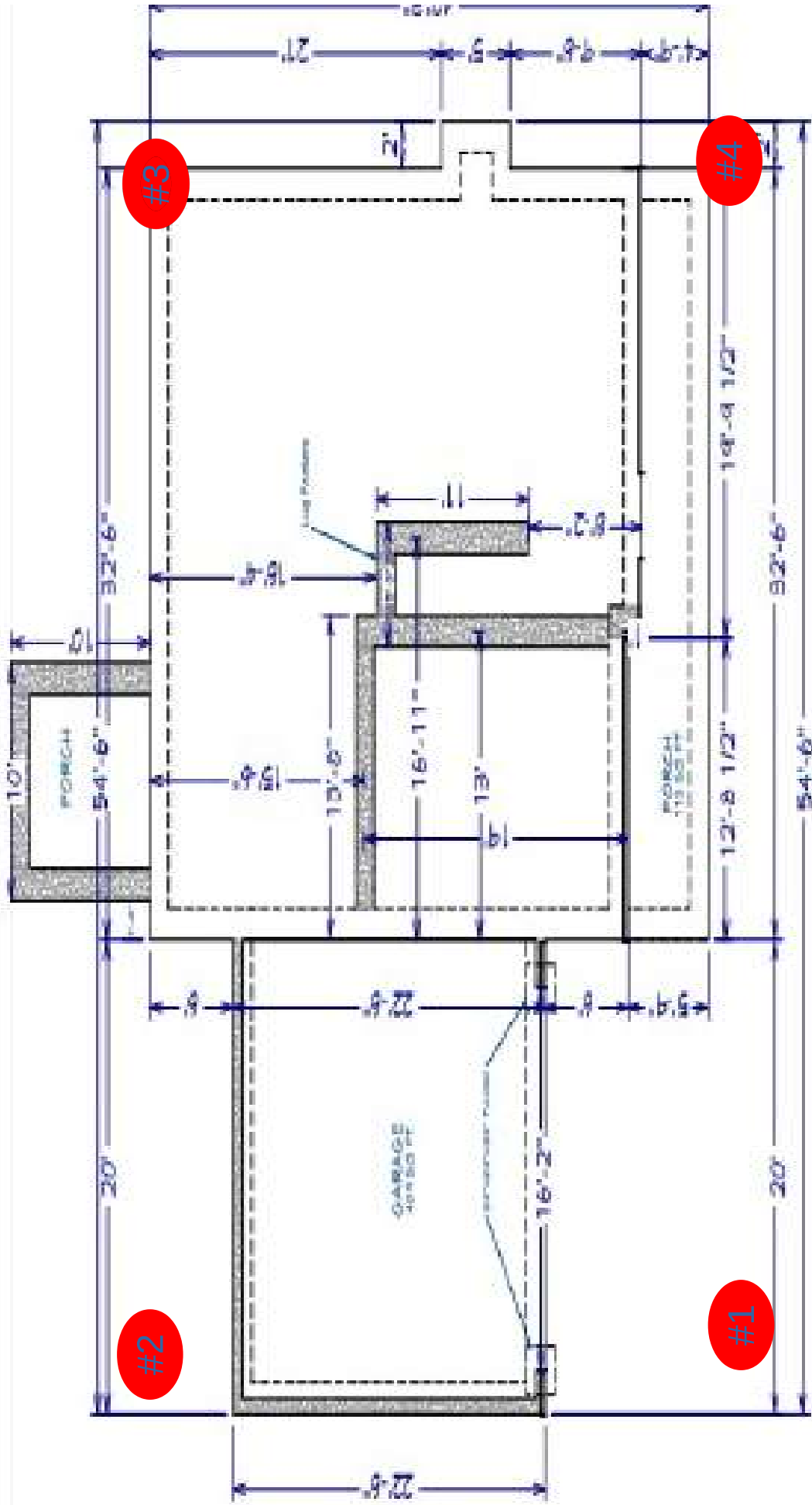
meadows3

Figure 3



meadows4

Figure 4



Jemario Boykin

03-19-2024

Liberty Meadows

Proj#: 6442-X

WO# 76828

Key

= DCP Location





Report of Spread Footing - Foundation Observations

Project: Liberty Meadows Lot 68

Project No.: 33:6442-X

Location: 56 Sam Adams
Cameron - Moore - NC - 28326

Day/Date: 3/18/2024

Contractor: Precision Custom Homes

| 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 west corner | x x | x x | N/A | | | orange SAND (0/-1) orange clay SAND (-2) tan SAND (-3/-4) | 6 | (0)3,3,5(1)3,5,9(2)9,11,12(3)5,6,5(4)5,6,5 | 2000 |
| 2 | north west corner | x x | x x | N/A | | | orange SAND (0/-1) tan SAND (-2/-4) | 6 | (0)3,2,5(1)9,7,6(2)6,5,6(3)6,8,6(4)5,6,7 | 2000 |
| 3 | north east corner | x x | x x | N/A | | | orange SAND (0/-1) tan SAND (-2/-4) | 6 | (0)25+(1)7,6,4(2)6,6,5(3)8,5,6(4)15,13,9 | 2000 |
| 4 | south east corner | x x | x x | N/A | | | orange SAND (0) tan SAND (-1/-2) orange sand CLAY (-3/-4) | 6 | (0)2,3,2(1)8,7,6(2)9,11,8(3)10,7,6(4)13,15,21 | 2000 |

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

By: Jemario D Boykin

ECS Southeast, LLC

WO: 76828