



**ECS Southeast, LLC**  
 6151 Raeford Road, Suite A  
 Fayetteville, NC 28304  
**T** 910.401.3288  
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# LETTER OF TRANSMITTAL

October 03, 2025  
 Lamco Custom Builders, LLC

Morrisville, NC 27560  
 ATTN: Logan Moody

RE: **175 Nectar Lane Lot**  
 ECS Job # **33:7499-E**

Permits:  
 Location: **175 Nectar Lane**  
**Bunnlevel, NC 28323**

☒ Field Reports ☒ For your use ☒ As requested

CC:

ENCL: Field Report # 1 10/2/2025



**OCT 03 2025**

Jack Cowsert, P.E.  
 Office Manager

Robert T. Harrigan  
 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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## FIELD REPORT

Project **175 Nectar Lane Lot**  
 Location **Bunnlevel, NC**  
 Client **Lamco Custom Builders, LLC**  
 Contractor **Lamco Custom Builders, LLC**

Project No. **33:7499-E**  
 Report No. **1**  
 Day & Date **Thursday 10/2/2025**  
 Weather **75 °/ 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 |                |          | <b>12:15P</b>   | <b>1:30P</b> |

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

|                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Summary of Services Performed (field test data, locations, elevations &amp; depths are estimates) &amp; Individuals Contacted.</b> |
|---------------------------------------------------------------------------------------------------------------------------------------|

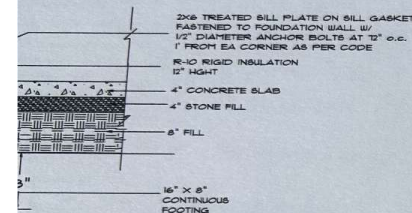
ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for foundation footings. Please see the attached sketch and data sheet for details.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 3 feet below the current footing subgrade elevation. The 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 2000 psf.

ECS will return upon request to provide additional services.

2. SOIL  
3. IS 3000 PSI  
4. REQUIRED.  
5. GATE SIZE, CONCRETE  
6. CAPACITY OF 3000 PSI.  
7. UND SURFACE IN CRAWL SPACE  
8. ANCHOR BOLTS SHALL BE SPACE AT A MAX

ANCHOR  
BOLTS

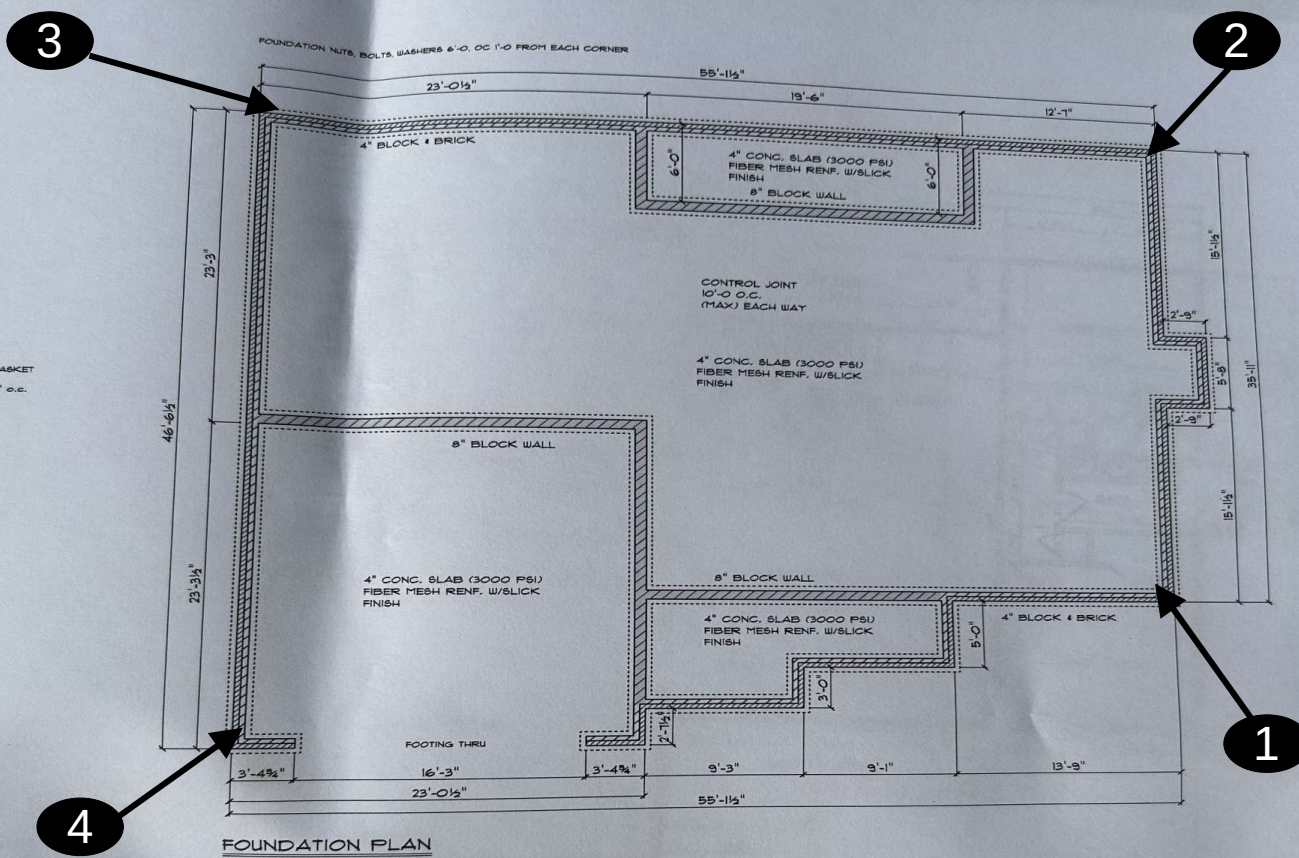
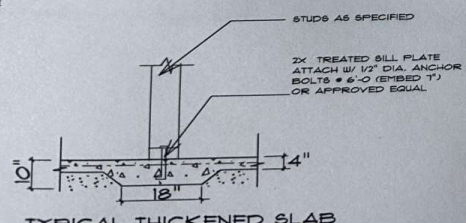


not to scale

4 OR  
SPENT  
ETE SLAB

NE  
GRAVEL  
CLEAN

AND FREE OF ORGANIC  
SOILS REQUIRE COMPACTION  
THE SOIL MAY REQUIRE  
NT - CONTRACTOR TO  
N AND SOIL TREATMENT  
OCAL AREA



FOUNDATION PLAN  
SCALE: 1" = 1/4"

LAMCO CUSTOM BUILDERS/LAMCO HOMES RETAINS TITLE AND OWNERSHIP OF ALL PLANS. THESE PLANS CAN NOT BE COPIED OR REPRODUCED. THESE PLANS CAN NOT BE BUILT BY ANYONE OTHER THAN LAMCO CUSTOM BUILDERS/LAMCO HOMES.

3B  
DRD  
Drawn By: [Signature]  
Date: 8/13/2023

SCALE: 1" = 1/4"  
DRAWN BY:  
DATE: 8/13/2023

LAMCO HOMES

THE TRINITY  
LEFT FRONT GARAGE

STEM WALL  
FOUNDATION

Caleb Jackson  
10/02/25  
175 Nectar Lane Lot  
Proj #: 7499-E  
W/O # 87568

Key (NTS  
DCP Test

#



NORTH



## Report of Foundation Observations

Project: 175 Nectar Lane Lot

Location: 175 Nectar Lane  
Bunnlevel - Harnett - NC - 28323

ECS Project No. :

33:7499-E

Date:

10/2/2025

General Location: Foundation Footings

Footing Type: Continuous

Design Bearing Pressure:

2000

| Test No. | Location          | Size |        |        | Footing Bottom Elevation |          | Depth of Undercut | Description of Steel Placed | Description of Foundation Subgrade Material       | Depth of Test* | Number of Blows |
|----------|-------------------|------|--------|--------|--------------------------|----------|-------------------|-----------------------------|---------------------------------------------------|----------------|-----------------|
|          |                   |      | Design | Actual | Design                   | Actual** |                   |                             |                                                   |                |                 |
| 1        | South East Corner | W    | 0' 0"  | 0' 0"  |                          |          | 0' 0"             |                             | (0,-1,-2,-3) tan clayey sand                      | 0              | 14,14,10        |
|          |                   | D    | 0' 0"  | 0' 0"  |                          |          |                   |                             |                                                   | -1             | 6,12,11         |
|          |                   | L    | 0' 0"  | 0' 0"  |                          |          |                   |                             |                                                   | -2             | 10,9,12         |
|          |                   |      |        |        |                          |          |                   |                             |                                                   | -3             | 5,11,14         |
| 2        | North East Corner | W    | 0' 0"  | 0' 0"  |                          |          | 0' 0"             |                             | (0,-1,-2) tan clayey sand<br>(-3) red clayey sand | 0              | 6,7,7           |
|          |                   | D    | 0' 0"  | 0' 0"  |                          |          |                   |                             |                                                   | -1             | 7,10,13         |
|          |                   | L    | 0' 0"  | 0' 0"  |                          |          |                   |                             |                                                   | -2             | 6,16,15+        |
|          |                   |      |        |        |                          |          |                   |                             |                                                   | -3             | 8,15+           |
| 3        | North West Corner | W    | 0' 0"  | 0' 0"  |                          |          | 0' 0"             |                             | (0,-1,-2,-3) tan clayey sand                      | 0              | 7,7,7           |
|          |                   | D    | 0' 0"  | 0' 0"  |                          |          |                   |                             |                                                   | -1             | 6,10,12         |
|          |                   | L    | 0' 0"  | 0' 0"  |                          |          |                   |                             |                                                   | -2             | 7,11,11         |
|          |                   |      |        |        |                          |          |                   |                             |                                                   | -3             | 6,11,15+        |
| 4        | South West Corner | W    | 0' 0"  | 0' 0"  |                          |          | 0' 0"             |                             | (0,-1,-2,-3) tan clayey sand                      | 0              | 10,9,7          |
|          |                   | D    | 0' 0"  | 0' 0"  |                          |          |                   |                             |                                                   | -1             | 7,11,13         |
|          |                   | L    | 0' 0"  | 0' 0"  |                          |          |                   |                             |                                                   | -2             | 6,8,10          |
|          |                   |      |        |        |                          |          |                   |                             |                                                   | -3             | 6,11,13         |

\* Depth of DCP, or other methods of determining the soil stiffness

\*\* Subgrade elevation reported by any means the contractor provided

By: Caleb J Jackson

ECS Southeast, LLC

WO: 87568

## Attachments



Home Pad

Figure 1



East Footing (Tests 1-2)

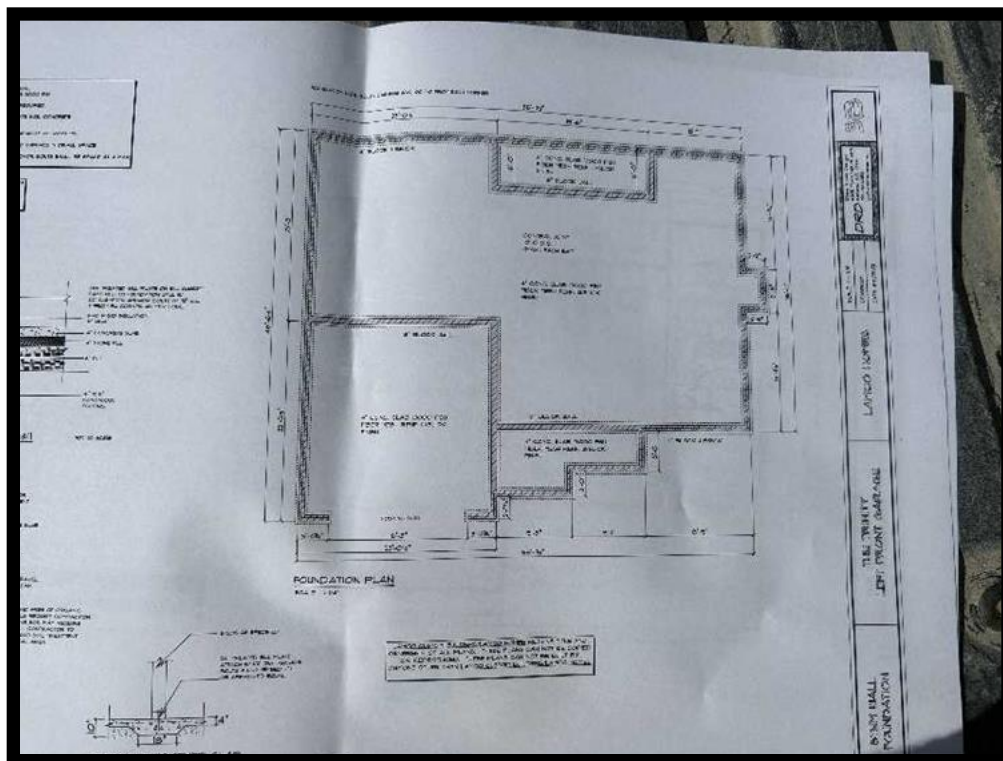
Figure 2

# Attachments



West Footing ( Test 3-4)

Figure 3



Home Pad Plans

Figure 4