



ECS Southeast, LLP

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LETTER OF TRANSMITTAL

August 8, 2023
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390
ATTN: Chandler Jones

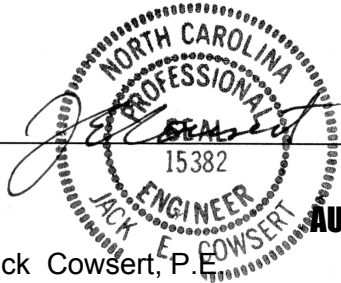
RE: **Lot 133 HLN**
ECS Job # **33:6230-H**

Permits:
Location: **22 Sugarberry PI**
Spring Lake, NC 28390

Field Reports For your use As requested

CC:

ENCL: Field Report # 1 8/7/2023



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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FIELD REPORT

Project **Lot 133 HLN**
Location **Spring Lake, NC**
Client **W.S. Wellons Realty**
Contractor **W.S. Wellons Realty**

Project No. **33:6230-H**
Report No. **1**
Day & Date **Monday 8/7/2023**
Weather **80 °/ Sunny**
On-Site Time **1.00**
Lab Time **0.00**
Travel Time* **0.00**
Total **1.00**
Re Obs Time **0.00**

Remarks

| | | | | |
|------------------|----------------|----------|-----------------|---------------|
| Trip Charges* | Tolls/Parking* | Mileage* | Time of Arrival | Departure |
| Chargeable Items | | | 11:45A | 12:45P |

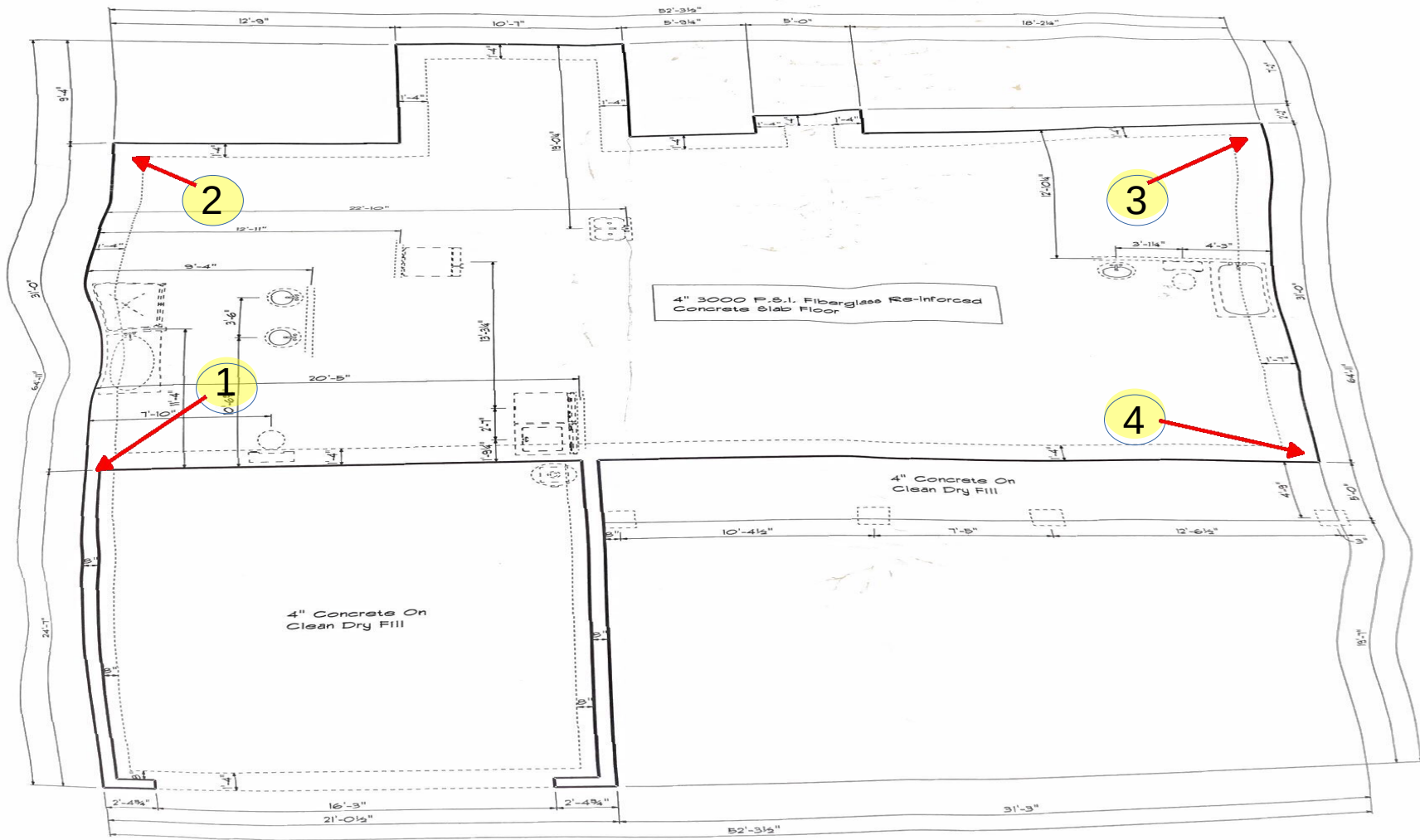
* Travel time and mileage will be billed in accordance with the contract.

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 (ASTM STP-399) for the monolithic slab foundation. Footings have not been excavated. 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 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 upon request, to provide additional services.



Foundation Plan

Scale: 1/4" = 1'-0"

Sulaiman Sharieff
 8/7/2023
 Lot 133
 Proj #: 6230-H
 W/O # 73502

Key (NTS)
 DCP location



NORTH



Attachments



133

Figure 1



Report of Spread Footing - Foundation Observations

Project: Lot 133 HLN
 Location: 22 Sugarberry Pl
 Spring Lake - Cumberland - NC - 28390
 Contractor: W.S. Wellons Realty

Project No.: 33:6230-H
 Day/Date: 8/7/2023

| 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 West | x x | x x | N/A | 0,-1,-2,-3 | | (0,-1)orange sand (-2,-3) brown sand | 6 (0)11-8-7 (-1) 8-7-6 (-2) 7-6-6 (-3)6-6-7 | 2000 |
| 2 | North West | x x | x x | N/A | 0,-1,-2,-3 | | (0,-1)orange sand (-2,-3) brown sand | 6 (0)11-15-14 (-1) 6-6-7 (-2)4-3-3 (-3)4-5-4 | 2000 |
| 3 | North East | x x | x x | N/A | 0,-1,-2,-3 | | (0)orange sand (-1,-2,-3) tan sand | 6 (0)11-6-7 (-1) 8-9-8 (-2) 8-9-10 (-3)11-12-9 | 2000 |
| 4 | South East | x x | x x | N/A | 0,-1,-2,-3 | | (0,-1,-2)tan sand (-3) brown sand | 6 (0)5-5-6 (-1) 12-7-7 (-2) 9-7-6 (-3)5-7-6 | 2000 |

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

By: Sulaiman Sharieff

ECS Southeast, LLP

WO: 73502