



**ECS Southeast, LLP**

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**LETTER OF TRANSMITTAL**

January 10, 2023  
Homeowner Lin

Bunnlevel, NC 28323  
ATTN: Amy Lin

RE: **Amy Lin**  
ECS Job # **33:6308**

Permits:  
Location: **3905 McLean Chapel Church Rd**  
**Bunnlevel, NC 28323**

Field Reports       For your use       As requested

CC:

ENCL: Field Report # 1      1/10/2023

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.



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## FIELD REPORT

Project **Amy Lin**  
 Location **Bunnlevel, NC**  
 Client **Homeowner Lin**  
 Contractor **None Listed**

Project No. **33:6308**  
 Report No. **1**  
 Day & Date **Tuesday 1/10/2023**  
 Weather **35 °/ 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				<b>8:45A</b>	<b>9:45A</b>

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

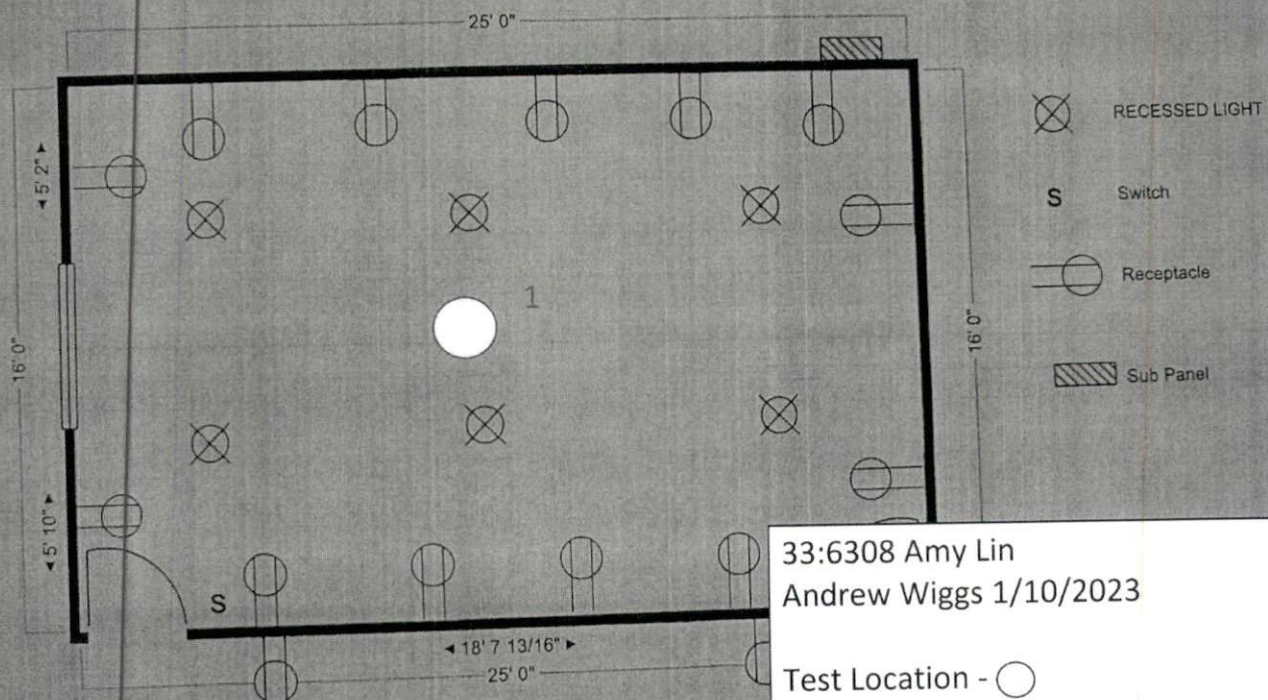
**Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.**

ECS arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method for the proposed building pad. Please see the attached sketch and data sheet for details.

A hand auger was used to advance the boreholes to different depths noted on the boring logs. Dynamic Cone Penetrometer (DCP) test were performed in the hand auger boreholes by a 1.5 inch diameter cone driven into the soil by a 15 pound ring weight with a free fall of 20 inches. The number of blows required to drive the cone into the soil a distance of 1.75 inches is termed the DCP Value and is indicated for each test on the hand auger.

A total of 1 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, as requested, for additional services.



33:6308 Amy Lin  
 Andrew Wiggs 1/10/2023

Test Location - ○



## Report of Spread Footing - Foundation Observations



Project: Amy Lin  
 Location: 3905 McLean Chapel Church Rd  
Bunnlevel - Harnett - NC - 28323  
 Contractor: None Listed

Project No.: 33:6308  
 Day/Date: 1/10/2023

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	workshop building pad	x x	x x	N/A	N/A		(0)brown sand(-1)brown clayey sand(-2)brown and gray clayey sand(-3)gray and orange clay	6 (0)10,20,22(-1)8,8,7(-2)6,10,10(-3)11,7,9	2000

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

By: Andrew Wiggs

ECS Southeast, LLP

WO: 70338