



**ECS Southeast, LLC**

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Fayetteville, NC 28304  
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**LETTER OF TRANSMITTAL**

July 17, 2024  
PoP Homes - RDU, LLC  
  
Clayton, NC 27520  
ATTN: Robert Whitfield

RE: **Wondertown Lots**  
ECS Job # **33:6748-A**  
  
Permits:  
Location: **607, 611, and 613 Wondertown Dr**  
**Erwin, NC 28339**

Field Reports       For your use       As requested

CC:

ENCL: Field Report # 5      7/15/2024



Jack Cowser, PE  
Office Manager

**JUL 17 2024**

Aaron Kyle Adair  
CMT Senior Project Coordinator

*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 **Wondertown Lots**  
Location **Erwin, NC**  
Client **PoP Homes - RDU, LLC**  
Contractor **PoP Homes - RDU, LLC**

Project No. **33:6748-A**  
Report No. **5**  
Day & Date **Monday 7/15/2024**  
Weather **95 °/ Cloudy**  
On-Site Time **2.50**  
Lab Time **0.00**  
Travel Time\* **0.00**  
Total **2.50**  
Re Obs Time **0.00**

### Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			<b>2:15P</b>	<b>4:45P</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.**

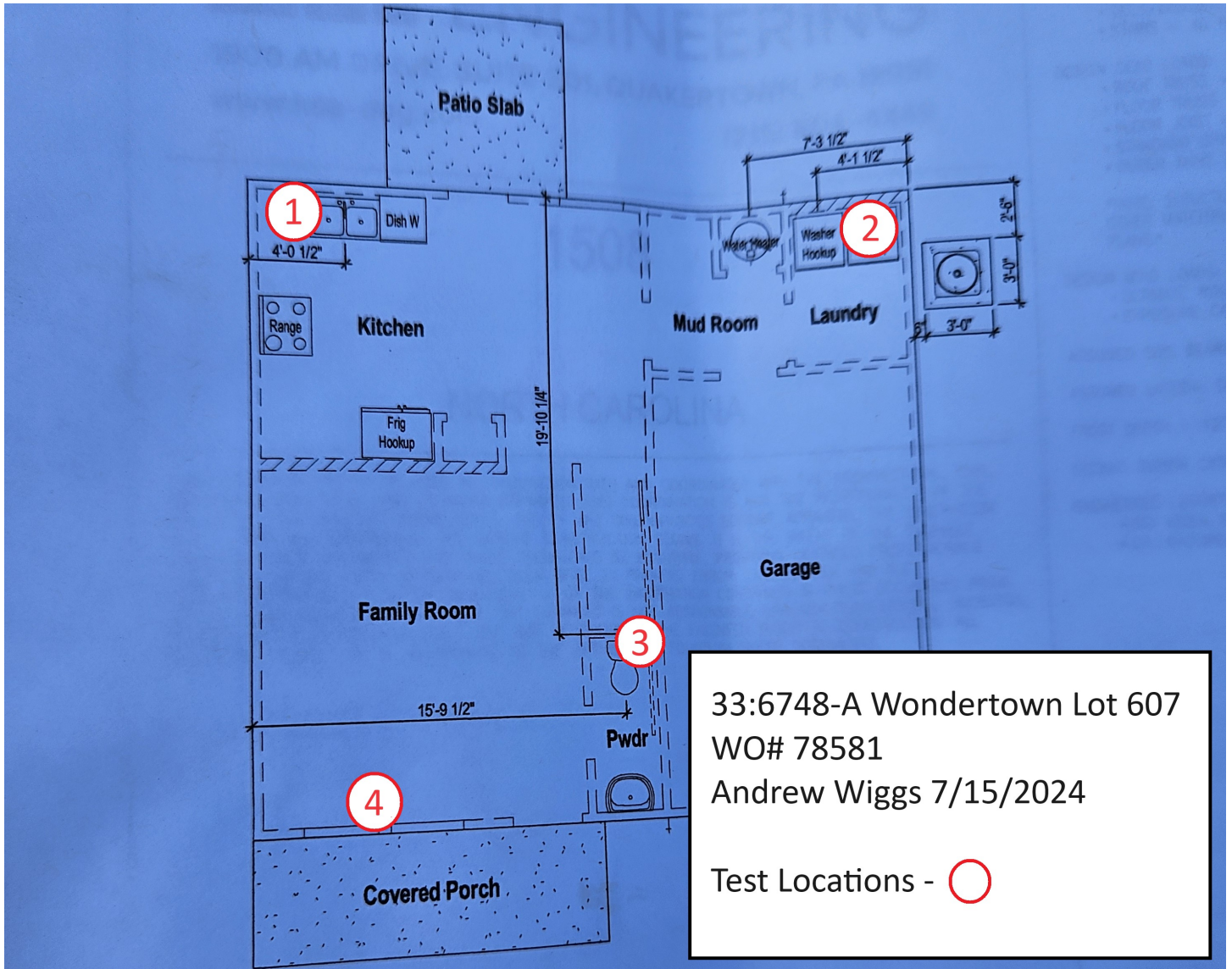
ECS Representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for monolithic slab for lot 607. Please see the attached sketch and data sheet for details.

A total of 4 hand auger/DCP evaluations were performed to a depth of approximately 4 feet below the current 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.

Once footings are excavated, ECS recommends thoroughly compacting the footings subgrade with a jumping jack prior to placing concrete.

1 hour was spent on standby waiting for a thunderstorm to pass.

ECS will return upon request to provide additional services.



33:6748-A Wondertown Lot 607  
 WO# 78581  
 Andrew Wiggs 7/15/2024  
 Test Locations - ○



## Report of Spread Footing - Foundation Observations

Project: Wondertown Lots  
 Location: 607, 611, and 613 Wondertown Dr  
Erwin - Cumberland - NC - 28339  
 Contractor: PoP Homes - RDU, LLC

Project No.: 33:6748-A  
 Day/Date: 7/15/2024

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	northwest corner of monolithic slab	x x	x x	N/A	N/A		(0)dark gray silty sand(-1/-2/-3/-4)brown clayey sand	6 (0)2,2,3(-1)5,9,5(-2) 2,5,7(-3)4,5,6(-4) 11,12,14	2000
2	northeast corner of monolithic slab	x x	x x	N/A	N/A		(0/-1)dark gray silty sand(-2/-3/-4)brown clayey sand	6 (0)2,4,10(-1)13,13,14(-2) 7,7,5(-3)5,6,7(-4) 6,9,13	2000
3	southeast corner of monolithic slab	x x	x x	N/A			(0)gray silty sand(-1/-2/-3/-4)brown clayey sand	6 (0)7,12,25+(-1)3,4,4(-2) 2,4,4(-3)8,9,10(-4) 7,13,14	2000
4	southwest corner of monolithic slab	x x	x x	N/A			(0)gray silty sand(-1/-2/-3/-4)brown clayey sand	6 (0)3,4,5(-1)2,4,4(-2) 2,3,4(-3)5,6,6(-4)4,6,9	2000

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

By: Andrew Wiggs

ECS Southeast, LLC

WO: 78629