



ECS Southeast, LLC

6151 Raeford Road, Suite A
Fayetteville, NC 28304
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LETTER OF TRANSMITTAL

February 12, 2024
PoP Homes - RDU, LLC

Clayton, NC 27520
ATTN: Robert Whitfield

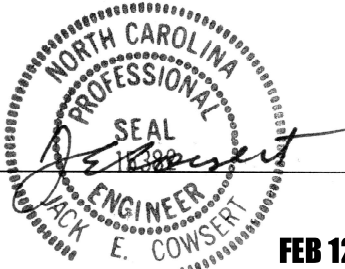
RE: **Bayles Lots**
ECS Job # **33:6748**

Permits:
Location: **Bayles St**
Erwin, NC 28339

Field Reports For your use As requested

CC:

ENCL: Field Report # 4 2/8/2024



FEB 12 2024

Jack Cowsert, P.E.
Office Manager

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.



ECS Southeast, LLC
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FIELD REPORT

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

Project No. **33:6748**
 Report No. **4**
 Day & Date **Thursday 2/8/2024**
 Weather **52 °/ Sunny**
 On-Site Time **2.00**
 Lab Time **0.00**
 Travel Time* **0.00**
 Total **2.00**
 Re Obs Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of Arrival	Departure
Chargeable Items			2:00P	4:00P

* 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.

An ECS representative arrived on site, as requested, to check the bearing capacity of soils via hand auger/DCP method (ASTM STP-399) for Lot 105 monolithic slab foundation. 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 of 2,000 psf with the exception of test location #3.

Once the footings have been excavated, ECS recommends compacting the footings subgrade using a jumping jack. At test location number 3, ECS recommends chasing out and undercutting the wet clay 2' below the footing elevation. ECS recommends backfill the undercut area using No. 57 stone wrapped in an engineered non-woven fabric.

ECS will return, as requested, for additional services.



Report of Spread Footing - Foundation Observations

Project: Bayles Lots
 Location: Bayles St
Erwin - Cumberland - NC - 28339
 Contractor: PoP Homes - RDU, LLC

Project No.: 33:6748
 Day/Date: 2/8/2024

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation		Description of Steel Placed	Description of Subgrade Material	Required Blow Counts # of Blows / Increment	Design Bearing Pressure
		Design	Actual	Design **	Depth of Undercut (in)				
1	N.E Corner	x x	x x	N/A	N/A		(0)/-3 Orange Clay	6 (0)11,15,8(-1)6,6,3(-2) 6,9,9(-3)11,10,9	2000
2	N.W Corner	x x	x x	N/A	N/A		(0)/-3 Orange Clay	6 (0)11,9,8(-1)11,5,7(-2) 10,7,7(-3)9,9,9	2000
3	S.W Corner	x x	x x	N/A	N/A		(0)/-1 Black Sand	6 (0)5,5,7(-1)4,2,2(-2) WOH (Wet GrayClay)	2000
4	S.E. Corner	x x	x x	N/A	N/A		(0)/-1 Orange Clay(-2)/-3 Brown Orange Clay	6 (0)11,8,6(-1)20,17,15(-2)4,5,5(-3)9,7,6	2000

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

By: George Pate Oxendine Jr.

WOH = Weight of Hammer

ECS Southeast, LLC

WO: 76341

