NC Registered Firm # F-1519

ECS Southeast, LLC
6151 Raeford Road, Suite A
Fayetteville, NC 28304
T 910.401.3288
F 910.323.0539

LETTER OF TRANSMITTAL

March 17, 2025
Oakwood Homes

Fayetteville, NC 28306

ATTN: Chris Milligan

RE: **Appaloosa Home**
ECS Job # **33:7225-A**

Permits:
Location: **88 Appaloosa Drive**
Spring Lake, NC 28390

X	Field Reports	**X**	For your use	**X**	As requested

CC:

ENCL: Field Report # 1 3/14/2025

NORTH CAROLINA PROFESSIONAL SEAL 15382 ENGINEER JACK E. COWSERT

MAR 17 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.

NC Registered Engineering Firm # F-1519

ECS Southeast, LLC
6151 Raeford Road, Suite A
Fayetteville, NC 28304
T 910.401.3288
F 910.323.0539

FIELD REPORT

Project	**Appaloosa Home**
Location	**Spring Lake, NC**
Client	**Oakwood Homes**
Contractor	**None Listed**

Project No.	**33:7225-A**
Report No.	**1**
Day & Date	**Friday 3/14/2025**
Weather	**50 °/ Sunny**
On-Site Time	**1.50**
Lab Time	**0.00**
Travel Time*	**0.00**
Total	**1.50**
Re Obs Time	**0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of	Arrival	Departure
Chargeable Items				**8:00A**	**9:30A**

* 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 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 sub grade 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 2,000 psf. At test location #2, the upper 2-3 inches were loose. ECS recommends this area be compacted with a trench plate or "jumping jack" prior to placement of concrete.

ECS will return upon request to provide additional services.

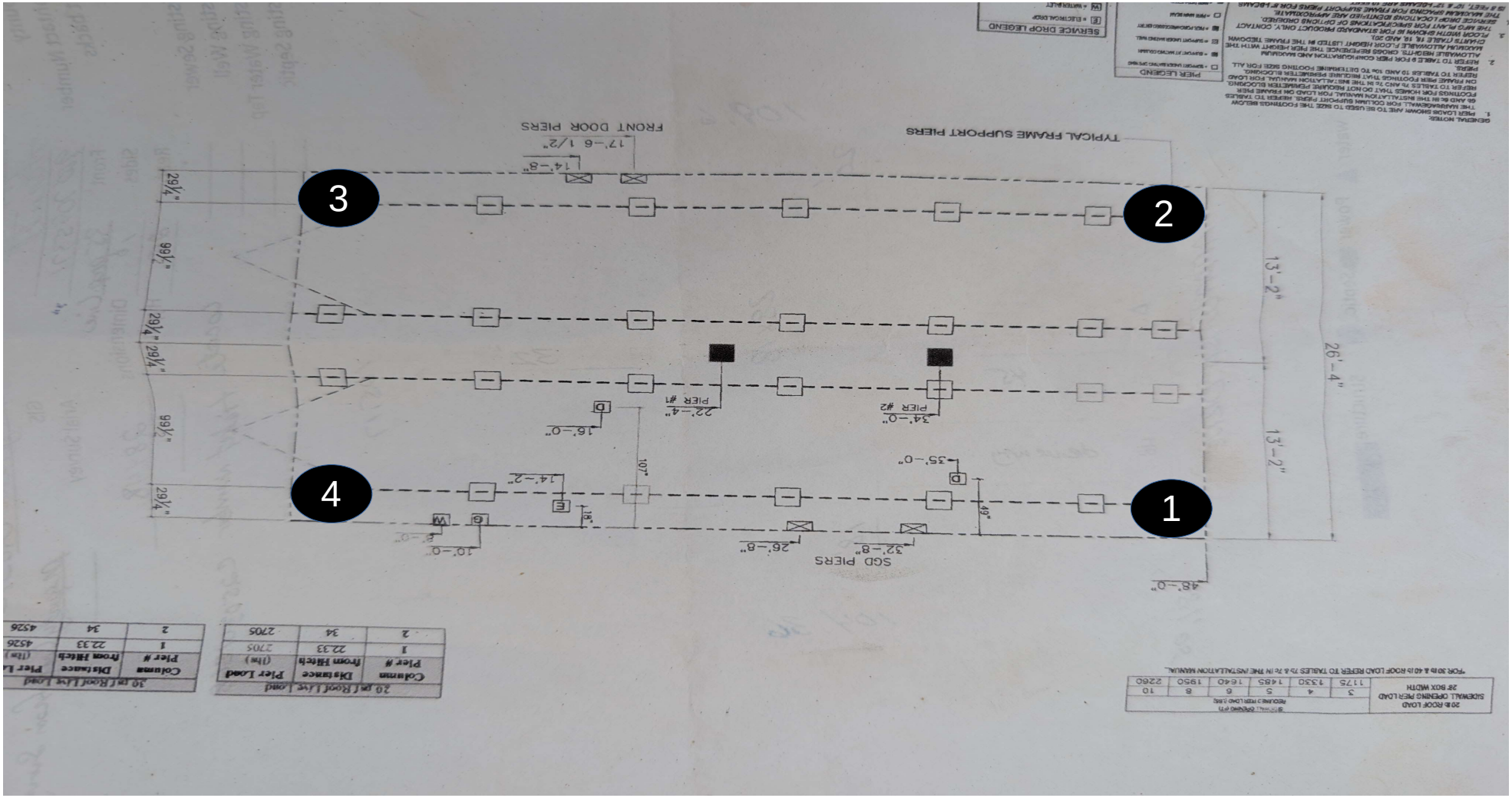
By Jacob D Jackson 1800

ECS Southeast, LLC
Fayetteville, NC
Phone: 910-401-3288

DYNAMIC CONE PENETROMETER TEST REPORT

Address: 88 Appaloosa Dr		Design Bearing Capacity: 2000 psf
Project No: 7225 – A		Footings
Technician: Jacob Jackson		
Date: 03/14/2025		

Test Location	Water Table Depth	Test Depth	Footing Dimensions	Penetrometer Blow Counts				Remarks/Soil Descriptions
				1 3/4"	1 3/4"	1 3/4"	Average	
1		0		1	6	7	6.5	Orange Clayey Sand
1		-1		15				Orange Clayey Sand
1		-2		15				Orange Clayey Sand
1		-3		10	9	10	9.5	Orange Clayey Sand
2		0		2	3	3	3	Orange Clayey Sand
2		-1		11	15		15	Orange Clayey Sand
2		-2		15				Orange Clayey Sand
2		-3		11	10	11	10.5	Orange Clayey Sand
3		0		3	5	7	6	Grey Sand
3		-1		15				Brown Sand
3		-2		10	11	13	12	Tan Sand
3		-3		10	8	9	8.5	Orange Clayey Sand
4		0		8	11	7	9	Screenings
4		-1		10	7	6	6.5	Screenings
4		-2		5	7	15	11	Brown Clayey Sand
4		-3		11	12	12	12	Tan Sand



Jacob Jackson 03/14/2025 Appaloosa Home Proj #: 7225 - A W/O # 83291	**Key (NTS)** DCP Test Locations ●	NORTH ↑