NC Registered Firm # F-1078

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

December 31, 2020
W.S. Wellons Realty
PO Box 766
Spring Lake, NC 28390

ATTN: Jason Wellons

RE: **247 Cypress Dr.**
ECS Job # **33:5190-E**

Permits:
Location: **247 Cypress Dr.**
Spring Lake, NC 28390

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

CC:

ENCL: Field Report # 1 12/30/2020

Jack Edgar Cowsert, P.E.
Senior Project Engineer

Ryan H. Parrish
Construction Materials Project Manager

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-1078

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FIELD REPORT

Project	**247 Cypress Dr.**
Location	**Spring Lake, NC**
Client	**W.S. Wellons Realty**
Contractor	**None Listed**

Project No.	**33:5190-E**
Report No.	**1**
Day & Date	**Wednesday 12/30/2020**
Weather	**50 °/ Sunny**
On-Site Time	**1.00**
Lab Time	**0.25**
Travel Time*	**1.00**
Total	**2.25**
Re Obs Time	**0.00**

Remarks

Trip Charges*		Tolls/Parking*	Mileage*	**35**	Time of	Arrival	Departure
Chargeable Items	**5000**					**11:30A**	**12:30P**

* 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 observe the compaction of backfill soils for the stem wall slab. Please see the attached sketch for observed areas.

Utilizing the (Nuclear Method (ASTM D 6938) to check the compaction of the soils at the areas and elevations tested, test results met or exceeded the project requirements of 98% of maximum dry density as determined in our laboratory using the Standard Proctor Method (ASTM D 698).

Areas tested were based on stakeouts or work limits provided by others and were not confirmed by the undersigned.

ECS will return, as requested, to perform additional services.

By Cameron R Hall 1800

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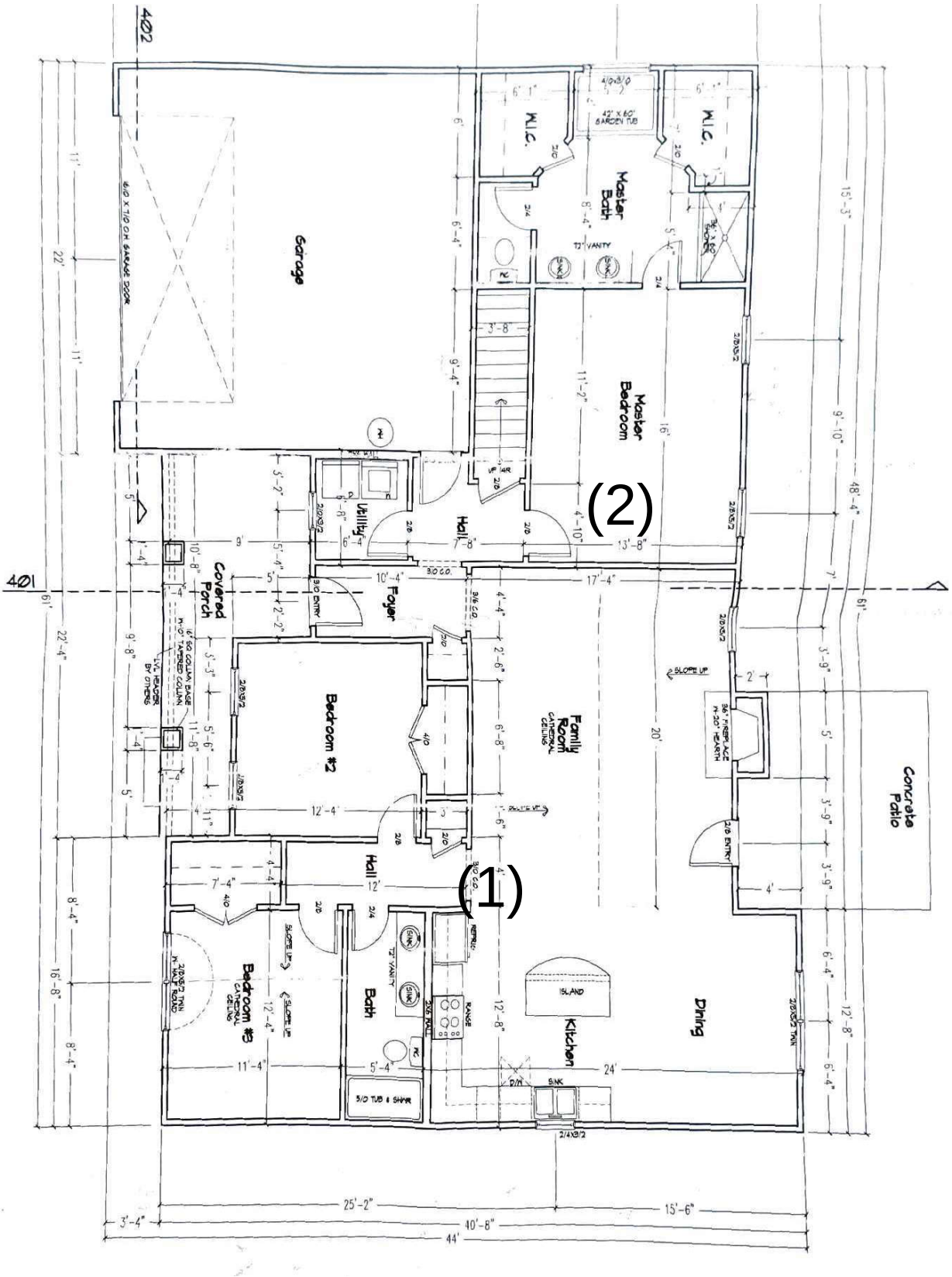

Cameron Hall 12-29-20 247 Cypress Dr Poj # 5109-A W/O # 59702	**Legend** =Compaction Evaluation (#) = Compaction Location	ECS

Field Compaction Summary, Nuclear

Project No: 33:5190-E Project Name: 247 Cypress Dr. Date: 12/30/2020

ECS Southeast, LLP

Client: V.I. Management Group, LLC

Contractor:

Technician: Cameron R Hall

Test Method Nuclear			
Nuclear Gauge No. 882			
Make	Troxler	Density Std	2396
Model		Moisture Std	911
Ser. No.	882		

Sample No.	Description	Proctor Method	Uncorrected Max. Density	Uncorrected Optimum Moisture Content
DS4-1	**Brown Tan SAND**	**Standard Proctor Method (ASTM D698)**	**115.70**	**11.80**

Test No.	Lot No.	Test Mode	Probe Depth (in.)	Station / Location	Lift / Elev	Sample No.	% Oversize	Corrected Max. Density	Corrected Optimum Moisture Content (%)	Wet Density (pcf)	Dry Density (pcf)	Moisture Content (%)	Percent Comp. (%)	P / F	Comments
1		DT	8	Stem material subgrade	Subgr ade	DS4-1	0.00	115.70	11.80	130.7	114.9	13.7	99.3	P	
2		DT	8	Stem material subgrade	Subgr ade	DS4-1	0.00	115.70	11.80	130.4	113.7	14.7	98.3	P	

Test Mode: DT = Direct Transmission BS = Back Scatter

WO: 59702