



**ECS Southeast, LLP**

6151 Raeford Road, Suite A  
Fayetteville, NC 28304  
9104013288  
9103230539

**LETTER OF TRANSMITTAL**

November 19, 2020  
W.S. Wellons Realty  
PO Box 766  
Spring Lake, NC 28390  
ATTN: Jason Wellons

RE: **Cypress Drive - Lot 91**  
ECS Job # **33:5190-D**  
  
Permits:  
Location: **Cypress Drive**  
**Spring Lake, NC 28390**

Field Reports       For your use       As requested

CC:

ENCL:    Field Report # 1                    11/19/2020

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.



ECS Southeast, LLP  
6151 Raeford Road, Suite A  
Fayetteville, NC 28304  
(910) 401-3288 [Phone]  
(910) 323-0539 [Fax]

# FIELD REPORT

Project **Cypress Drive - Lot 91**  
Location **Spring Lake, NC**  
Client **W.S. Wellons Realty**  
Contractor **None Listed**

Project No. **33:5190-D**  
Report No. **1**  
Day & Date **Thursday 11/19/2020**  
Weather **35 °/ 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*	<b>35</b>	Time of Arrival	<b>8:00A</b>	Departure	<b>9:00A</b>
Chargeable Items	<b>5000</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.**

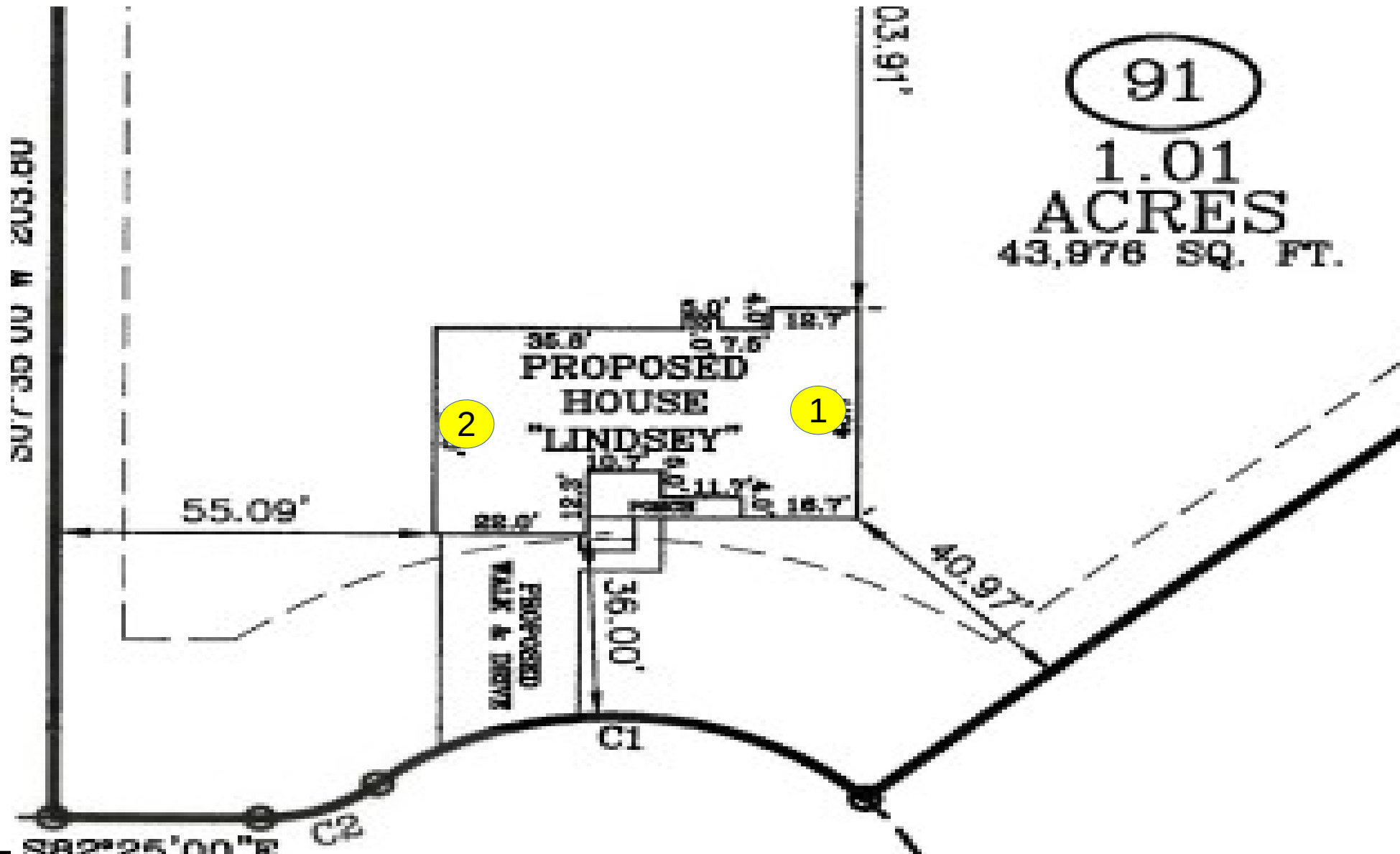
The undersigned arrived on site, as requested, to observe compaction of soils for the residential building Lot 91 off Cypress Drive. Please see the attached sketch for details on the location.

Utilizing the Nuclear test method to check the compaction of soils; test results indicated that the compacted material, at the areas and elevations tested, met or exceeded the project requirements of 98% of the maximum dry density as obtained in our laboratory using the ASTM D 698-12 Method A Standard.

Locations and elevations of all tests are based on stakeout provided by others. We cannot be responsible for structures located off of the observed engineered pad, misaligned utilities or stakeout errors causing uncontrolled fill to be placed in structural areas.

The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to compaction and moisture content.

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



91

1.01  
ACRES  
43,976 SQ. FT.

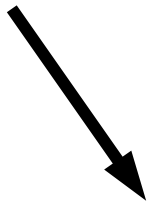
PROPOSED  
HOUSE  
"LINDSEY"

PROPOSED  
WALK & DRIVE

2

1

NORTH



Tyler Baxley  
11/19/2020  
Cypress Lot 91  
Proj # 5190-D  
W/O # 59269

Key (NTS) Floor  
Test Location

#





## Field Compaction Summary, Nuclear

Project No: 33:5190-D

Project Name: Cypress Drive - Lot 91

Date: 11/19/2020

**ECS Southeast, LLP**

Client: V.I. Management Group, LLC

Contractor:

Technician: Tyler Baxley

Test Method Nuclear			
Nuclear Gauge No. 882			
Make	Troxler	Density Std	2416
Model		Moisture Std	914
Ser. No.	882		

Sample No.				Description			Proctor Method					Uncorrected Max. Density			Uncorrected Optimum Moisture Content
<b>D4S-1</b>				<b>Yellow, tan clayey sand</b>			<b>Standard Proctor Method (ASTM D-698)</b>					<b>115.50</b>			<b>13.50</b>
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	91	DT	8	Right side of lot	subgrade	D4S-1	0.00	115.50	13.50	129.9	113.2	14.7	98.0	P	
2	91	DT	8	Left side of lot	subgrade	D4S-1	0.00	115.50	13.50	131.9	114.8	14.9	99.4	P	