



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*	35	Time of Arrival	Departure
Chargeable Items	5000			8:00A	9:00A

* 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.

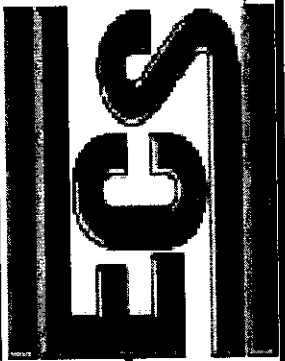
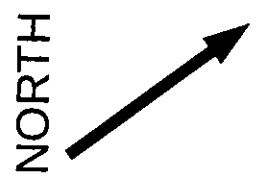
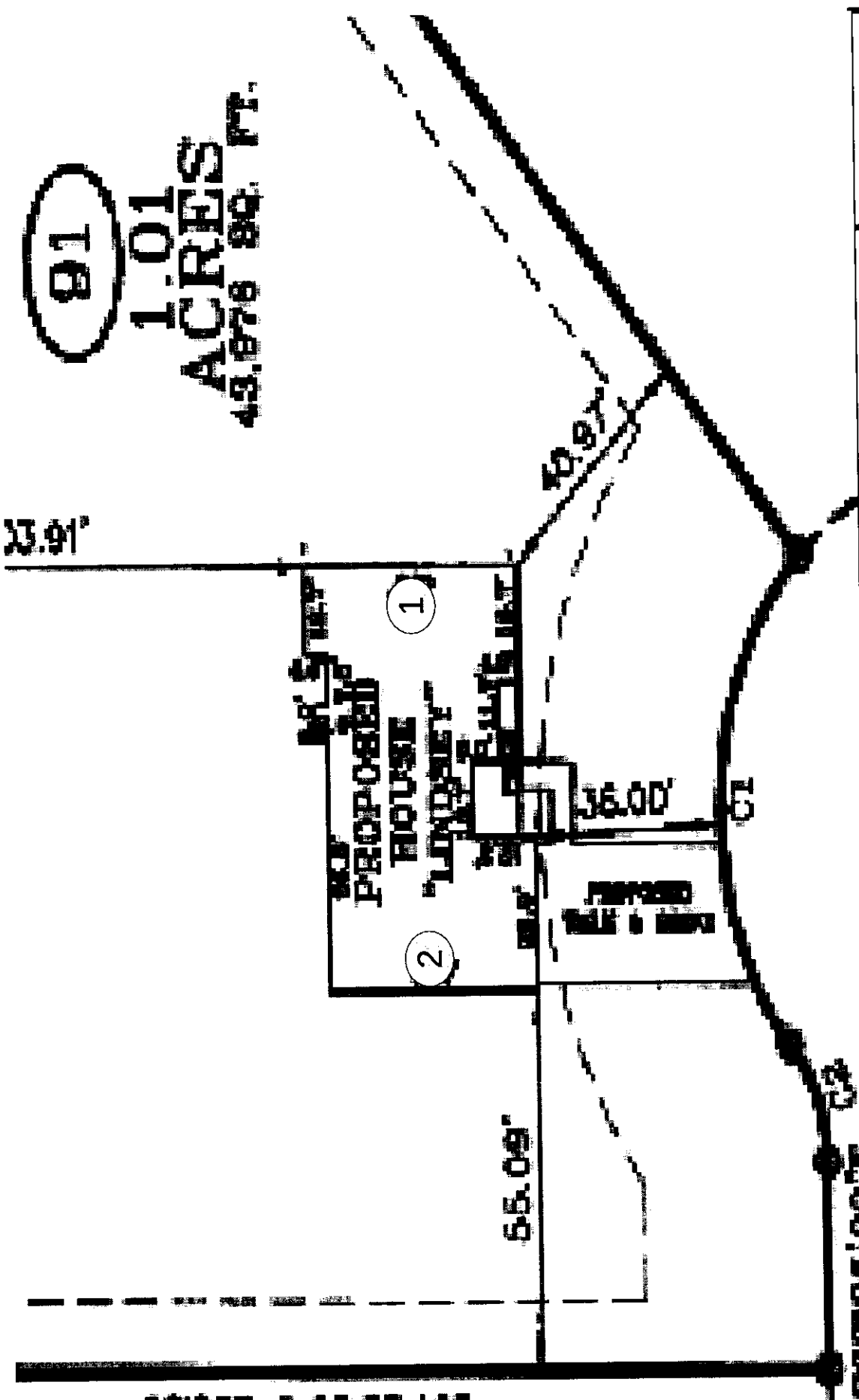
The soils observed on this date appeared to be placed in accordance with project drawings and specifications with regard to compaction and moisture content.

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

91

1.01
ACRES
43,878 SQ. FT.

33.91'



#

Key (NTS) Floor
Test Location

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



Field Compaction Summary, Nuclear

Date: 11/19/2020

Project Name: Cypress Drive - Lot 91

Project No: 33:5190-D

ECS Southeast, LLP

Client: V.I. Management Group, LLC

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

Contractor:

Technician: Tyler Baxley

Sample No.		Description				Proctor Method				Uncorrected Max. Density	Uncorrected Optimum Moisture Content				
D4S-1		Yellow, tan clayey sand				Standard Proctor Method (ASTM D-698)				115.50	13.50				
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	