



ECS Southeast, LLP

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

LETTER OF TRANSMITTAL

August 16, 2019

Ivercon, Inc
PO Box 64778
Fayetteville, NC 28306

ATTN: Troy Iverson

RE: **16 Rainmaker St**

ECS Job # **33:4930**

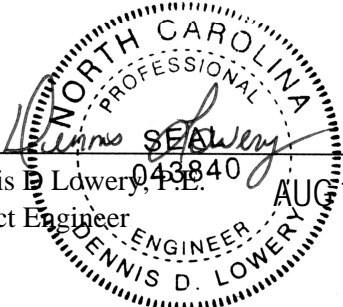
Permits:

Location: **16 Rainmaker St
Linden, NC**

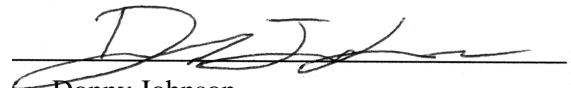
We are enclosing: Field Reports For your use As requested

ENCL:

Field Report # 1 08/14/2019



Dennis D. Lowery, P.E.
Project Engineer



Donny Johnson
Field Services 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 recorded 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.



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FIELD REPORT

Project **16 Rainmaker St**
Location **Linden, NC**
Client **Ivercon, Inc - Troy Iverson**

Project No. **33:4930**
Report No. **1**
Day & Date **Wednesday 08/14/2019**
Weather **95°/ Sunny**
On-Site Time **1.25**
Lab Time **0.00**
Travel Time* **0.00**

Total **1.25**
Re Obs.Time **0.00**

Remarks

Trip Charges*	Tolls/Parking*	Mileage*	Time of	Arrival	Departure
Chargeable Items				03:00P	04:15P

* 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.

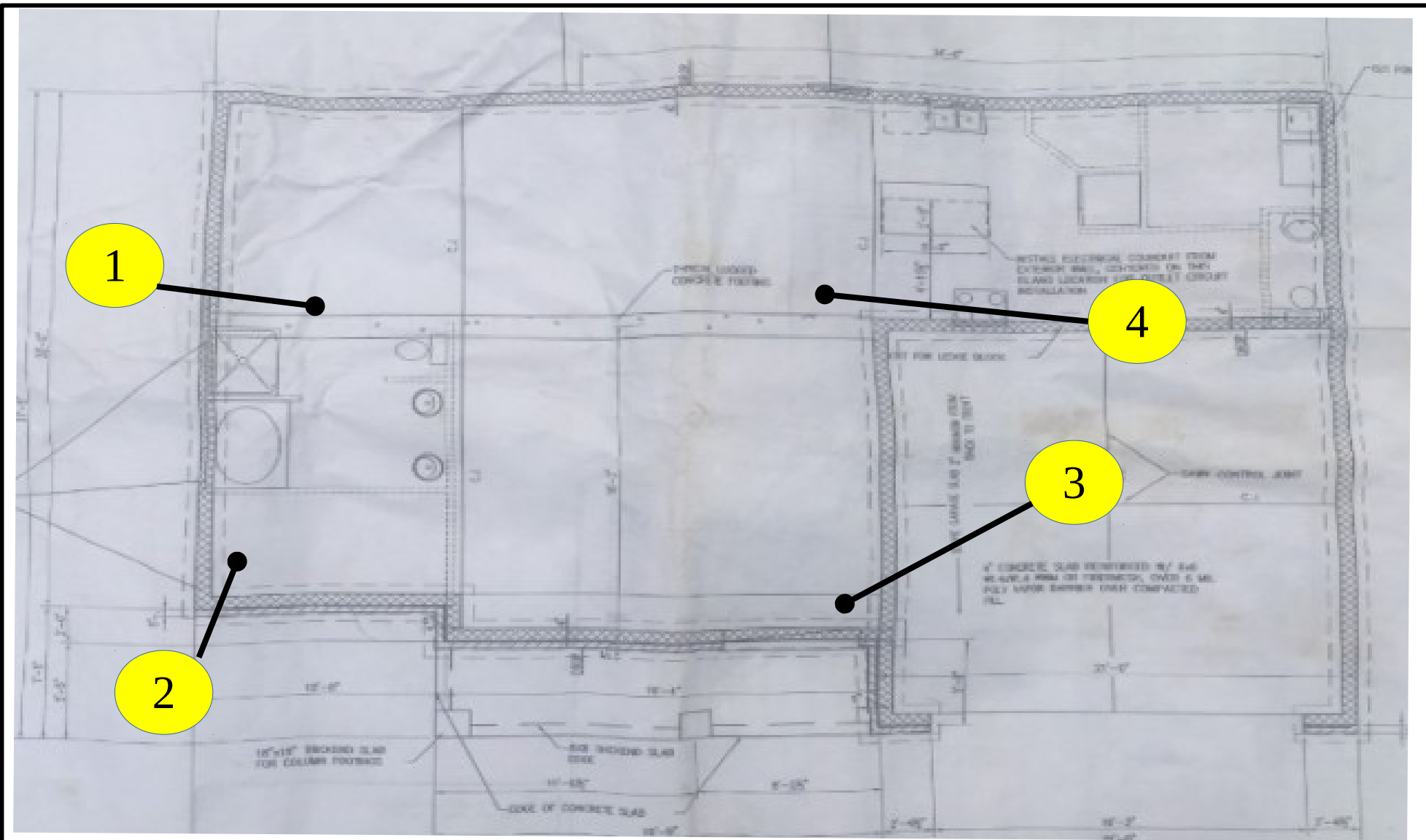
The undersigned arrived on site, as requested, to observe and evaluate the bearing capacity of soils via hand auger/dcp method for slab foundation soil backfill of 23 Rainmaker Street.

A hand auger was used to advance the boreholes to different depths noted on the boring logs. Dynamic Cone Penetrometer (DCP) test were performed in the hand auger boreholes by a 1.5 inch diameter cone driven into the soil by a 15 pound ring weight with a free fall of 20 inches. The number of blows required to drive the cone into the soil a distance of 1.75 inches is termed the DCP Value and is indicated for each test on the hand auger. Please see the attached sketch and data sheet for details.

A total of 4 hand auger/DCP evaluation(s) were performed to a depth of approximately 3 feet below the current sub grade elevation. Soil encountered was Orange/Tan Sand, and Black/Brown Sand. DCP blow counts ranged from 7 to 14 blows per increment. It is to the opinion of ECS that the materials in place at test locations in the foundation did appear to be suitable to support the design bearing capacity 2000 psf.

Please see sketch for DCP evaluation locations.

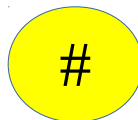
ECS will return, as requested, to perform additional services.



Joshua Noffsinger
 8/14/2019
 P#4931
 Wo#53226

Legend:

DCP-





Report of Spread Footing - Foundation Observations

Project: 16 Rainmaker St

Project No. 4930

Location: 16 Rainmaker St
Linden - Harnett - NC - 28356

Day/Date: 08/14/2019

Contractor: None Listed

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation		Description of Steel Placed	Description of Subgrade Material	Required Blow Counts	Design Bearing Pressure
		Design	Actual	Design	Depth of Undercut (in)			# of Blows / increment	
1	1	x x	x x	N/A	0		Orange/Tan Sand	9	2000
								9,8,9	
1	1	x x	x x	N/A	-1		Orange/Tan Sand	9	2000
								10,10,10	
1	1	x x	x x	N/A	-2		Orange/Tan Sand	9	2000
								11,9,10	
1	1	x x	x x	N/A	-3		Black/Brown Sand	9	2000
								12,13,14	
2	1	x x	x x	N/A	0		Orange/Tan Sand	9	2000
								7,8,9	
2	1	x x	x x	N/A	-1		Orange/Tan Sand	9	2000
								8,9,9	
2	1	x x	x x	N/A	-2		Orange/Tan Sand	9	2000
								9,10,9	
2	1	x x	x x	N/A	-3		Black/Brown Sand	9	2000
								10,11,11	
3	1	x x	x x	N/A	0		Orange/Tan Sand	9	2000
								8,8,9	

By: Josh Noffsinger

 ECS Southeast, LLP



Report of Spread Footing - Foundation Observations

Project: 16 Rainmaker St

Project No. 4930

Location: 16 Rainmaker St
Linden - Harnett - NC - 28356

Day/Date: 08/14/2019

Contractor: None Listed

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation		Description of Steel Placed	Description of Subgrade Material	Required Blow Counts	Design Bearing Pressure
		Design	Actual	Design	Depth of Undercut (in)			# of Blows / increment	
3	1	x x	x x	N/A	-1		Orange/Tan Sand	9	2000
								10,9,9	
3	1	x x	x x	N/A	-2		Orange/Tan Sand	9	2000
								11,10,11	
3	1	x x	x x	N/A	-3		Black/Brown Sand	9	2000
								11,11,12	
4	1	x x	x x	N/A	0		Orange/Tan Sand	9	2000
								8,9,9	
4	1	x x	x x	N/A	-1		Orange/Tan Sand	9	2000
								10,10,9	
4	1	x x	x x	N/A	-2		Orange/Tan Sand	9	2000
								11,12,11	
4	1	x x	x x	N/A	-3		Orange/Tan Sand	9	2000
								10,11,11	

By: Josh Noffsinger

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