



UNIVERSAL ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering • Environmental Sciences
Geophysical Services • Materials Testing • Threshold Inspection
Building Code Administration, Compliance Inspection & Plan Review

UES Project No.: 0210.1800019.0000
Date Typed: April 04, 2018

4475 Southwest 35th Terrace, Gainesville, FL 32608 - P: 352.372.3392 - F: 352.336.7914

Construction Materials Testing Services FIELD AND LABORATORY REPORT COVER PAGE

Client: SF Brevard, LLC
40 South Palafox Place, Suite 400
Pensacola, FL 32502

Project: The Rehab Center of Lake City, CSD
385 SW Property Place, Lake City, Columbia County, FL 32024

As requested, Universal Engineering Sciences, Inc. (UES) representative(s) performed construction materials testing and/or field inspection services on the above project. Testing results and/or inspection observations are reported on the attached sheets. The contents of this package are summarized below:

Scope of Work

Work Order No.	Date	Type of Report
1043676-1	03/30/2018	Field Inspection Report
1044092-1	04/03/2018	In-Place Density Test Report w/Activity Record
1044093-1	04/03/2018	Grout Prism Test Specimens Activity Record

We hope this information is sufficient for your immediate needs. If you have any questions, please do not hesitate to contact the undersigned or Jeannine Seider.

Sincerely,
Universal Engineering Sciences, Inc.
Certificate of Authorization No. 00000549

Attachments (6)
js

Keith L. Butts, P.E. 4-6-18
STATE OF FLORIDA
Professional Engineer No. 53986

This item has been electronically signed and sealed by Keith L. Butts, P.E. using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



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UES Project No: 0210.1800019.0000

UES Report No: 02-1043676

4475 Southwest 35th Terrace, Gainesville, FL 32608 - P: 352.372.3392 - F: 352.336.7914

Activity Record

Client: SF Brevard, LLC
40 South Palafox Place, Suite 400
Pensacola, FL 32502

Project: The Rehab Center of Lake City, CSD
385 SW Property Place, Lake City, Columbia County, FL 32024

Date of Activity: 03/30/2018

Technician: Cleveland English

As Requested, a Universal Engineering Sciences Technician was present at the above referenced location for the purpose of obtaining (1) set of (5) 4x8 concrete test cylinders cast on 3/29/18 to be returned to the UES Laboratory for further testing.

This test was performed without deviation from ASTM procedures.

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UES Project No: 0210.1800019.0000
UES Report No: 1044092-1 ARC 040318

4475 Southwest 35th Terrace, Gainesville, FL 32608 - P: 352.372.3392 - F: 352.336.7914

Activity Record

Client: SF Brevard, LLC
40 South Palafox Place, Suite 400
Pensacola, FL 32502

Project: The Rehab Center of Lake City, CSD
385 SW Property Place, Lake City, Columbia County, FL 32024

Date of Activity: Tuesday, April 03, 2018

Technician: Cleveland English

As requested, a Universal Engineering Sciences Technician was present at the above referenced project site for the purpose of earthwork testing for the Zone A.

While on site, the technician observed the general condition of the areas to be tested and performed 10 density tests for Zone A. The tests were performed in accordance with the ASTM D-6938 Nuclear Gauge Method and were found to meet the project compaction requirements of 95% of the maximum dry density per ASTM D-1557.

The Contractor was notified of the test results or a copy was left for their records.

This test was performed without deviation from ASTM procedures.

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UES Project No: 0210.1800019.0000

Workorder No: 1044092-1

Report Date: 04/04/2018

4475 Southwest 35th Terrace, Gainesville, FL 32608 - P: 352.372.3392 - F: 352.336.7914

In-Place Density Test Report

Client: SF Brevard, LLC
40 South Palafox Place, Suite 400
Pensacola, FL 32502

UES Technician: Cleveland English

Date Tested: 04/03/2018

Project: The Rehab Center of Lake City, CSD
385 SW Property Place, Lake City, Columbia County, FL 32024

Type of Test:

Area Tested: Zone A

Field: ASTM D-6938 Nuclear Gauge Method

Material: Fill

Laboratory: ASTM D1557 Modified Proctor

Reference Datum: 0 = Bottom of Fill

The tests below meet the 95% minimum compaction requirement.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Pass or Fail
1	Zone A Northwest Corner 25' East	0-1 ft	108.3	13.6	106.4	6.8	98	Pass
2	Zone A Northwest Corner 25' East 25' South	0-1 ft	108.3	13.6	102.7	6.3	95	Pass
3	Zone A Northwest Corner 25' East 40' South	0-1 ft	108.3	13.6	105.5	5.8	97	Pass
4	Zone A Northwest Corner 25' East 40' South	0-1 ft	108.3	13.6	103.6	5.9	96	Pass
5	Zone A Northwest Corner 25' East 70' South	0-1 ft	108.3	13.6	102.6	7.1	95	Pass
6	Zone A Northwest Corner 25' East 95' South	0-1 ft	108.3	13.6	106.3	7.8	98	Pass
7	Zone A Northwest Corner 35' East 15' South	0-1 ft	108.3	13.6	107.2	7.6	99	Pass
8	Zone A Northwest Corner 35' East 40' South	0-1 ft	108.3	13.6	104.7	7.0	97	Pass
9	Zone A Northwest Corner 35' East 55' South	0-1 ft	108.3	13.6	103.9	7.6	96	Pass
10	Zone A Northwest Corner 35' East 75' South	0-1 ft	108.3	13.6	104.1	7.3	96	Pass



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UES Report No: 1044093-1 ARC 040318

4475 Southwest 35th Terrace, Gainesville, FL 32608 - P: 352.372.3392 - F: 352.336.7914

Activity Record

Client: SF Brevard, LLC
40 South Palafox Place, Suite 400
Pensacola, FL 32502

Project: The Rehab Center of Lake City, CSD
385 SW Property Place, Lake City, Columbia County, FL 32024

Date of Activity: Tuesday, April 03, 2018

Technician: Cleveland English

As requested, a Universal Engineering Sciences Technician was present at the above referenced project site for the purpose of grout testing for the Zone A Cell Fill.

While on site, the technician observed the general condition of the areas to be tested and cast 1 set of (5) specimens for compressive strength testing.

This test was performed without deviation from ASTM procedures.

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