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

Southwest 35th Terrace, Gainsville, 32608 · P: 352.372.3392 · F: 352.336.7914

UES Project No: 0210.1800019.0000
Workorder No: 1043219-1
Report Date: 3/6/2018

In-Place Density Test Report

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

UES Technician: Austin Blinn
Date Tested: 03/06/2018

Project: The Rehab Center of Lake City, CSD

Area Tested: Footings zone 5 and 6.
Material: Fill
Reference Datum: 0 = Bottom of Foundation Footing

Type of Test:
Field: ASTM D-6938 Nuclear Gauge Metho
Laboratory: ASTM D1557 Modified Proctor

The tests below meet the minimum 95% relative soil compaction requirement of Laboratory Proctor maximum dry density.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Fill Depth (inch)	Pass or Fail
1	Center of footing trench 20' East of column lines F,3.	-1-0 ft	108.3	13.6	105.1	8.1	97	N/A	Pas
2	Center of footing trench 10' South of column lines G,3.	-1-0 ft	108.3	13.6	106.1	8.7	98	N/A	Pas
3	Center of footing trench 10' East of column lines F,4	-1-0 ft	108.3	13.6	106.2	9.3	98	N/A	Pas
4	Center of footing trench 10' East of column lines F,5.	-1-0 ft	108.3	13.6	103.6	10.2	96	N/A	Pas
5	Center of footing trench 10' East of column lines G,7.	-1-0 ft	108.3	13.6	106.3	10.4	98	N/A	Pas
6	Center of footing trench 10' North of column lines H,6.	-1-0 ft	108.3	13.6	104.8	9.9	97	N/A	Pas
7	Center of footing trench 10' West of column lines I,5.	-1-0 ft	108.3	13.6	103.7	9.7	96	N/A	Pas
8	Center of footing trench 10' West of column lines I,4.	-1-0 ft	108.3	13.6	105.3	9.4	97	N/A	Pas

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UES Project No: 0210.1800019.0000
Workorder No: 1043098-1
Report Date: 3/2/2018

In-Place Density Test Report

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

UES Technician: Jared Martin
Date Tested: 03/02/2018

Project: The Rehab Center of Lake City, CSD

Area Tested: Zone 5 Building Footings
Material: Fill
Reference Datum: 0 = Bottom of Footing

Type of Test:
Field: ASTM D-6938 Nuclear Gauge Method
Laboratory: ASTM D1557 Modified Proctor

The tests below meet the minimum 95% relative soil compaction requirement of Laboratory Proctor maximum dry density.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Fill Depth (inch)	Pass or Fail
1	Northeast Corner of Footing	-1-0 ft	109.3	12.0	107.1	6.4	98	N/A	Pas
2	20' West of Northeast Corner of Footing	-1-0 ft	109.3	12.0	108.8	9.3	100	N/A	Pas
3	15' East of Northwest Corner of footing	-1-0 ft	109.3	12.0	108.1	7.7	99	N/A	Pas
4	15' South of Northeast Corner of Footing	-1-0 ft	109.3	12.0	107.5	7.7	98	N/A	Pas
5	10' North of Southeast Corner of Footing	-1-0 ft	109.3	12.0	109.1	8.3	100	N/A	Pas
6	10' West of Southeast Corner of Footing	-1-0 ft	109.3	12.0	107.6	6.3	98	N/A	Pas
7	45' West of Southeast Corner of Footing	-1-0 ft	109.3	12.0	105.8	6.1	97	N/A	Pas

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UES Project No: 0210.1800019.0000
Workorder No: 1043087-1
Report Date: 3/1/2018

In-Place Density Test Report

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

UES Technician: Cleveland English
Date Tested: 03/01/2018

Project: The Rehab Center of Lake City, CSD

Area Tested: Zone 2 Column Lines 6,7,8
Material: Fill
Reference Datum: 0 = Bottom of Footing

Type of Test:
Field: ASTM D-6938 Nuclear Gauge Metho
Laboratory: ASTM D1557 Modified Proctor

The tests below meet the minimum 95% relative soil compaction requirement of Laboratory Proctor maximum dry density.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Fill Depth (inch)	Pass or Fail
1	Column Line C-4	0--1 ft	108.3	13.6	107.2	10.6	99	N/A	Pas
2	Column Line C- 5	0-1 ft	108.3	13.6	106.4	8.8	98	N/A	Pas
	Column Line C- 6	0-1 ft	108.3	13.6	105.1	9.8	97	N/A	Pas
4	Column Line D- 6	0-1 ft	108.3	13.6	104.3	10.6	96	N/A	Pas
5	Column Line E- 5	0-1 ft	108.3	13.6	103.1	11.6	95	N/A	Pas
6	Column Line D- 6	0-1 ft	108.3	13.6	102.9	11.9	95	N/A	Pas

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75 Southwest 35th Terrace, Gainsville, 32608 · P: 352.372.3392 · F: 352.336.7914

UES Project No: 0210.1800019.0000
Workorder No: 1043068-1
Report Date: 2/28/2018

In-Place Density Test Report

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

UES Technician: Cleveland English
Date Tested: 02/28/2018

Project: The Rehab Center of Lake City, CSD

Area Tested: Column Lines 1-5 Zone 1 and 2
Material: Fill
Reference Datum: 0 = Bottom of Footing

Type of Test:
Field: ASTM D-6938 Nuclear Gauge Metho
Laboratory: ASTM D1557 Modified Proctor

The tests below meet the minimum 95% relative soil compaction requirement of Laboratory Proctor maximum dry density.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Fill Depth (inch)	Pass or Fail
1	Zone 1 Column Line 1	0-1 ft	108.3	13.6	102.7	7.6	95	N/A	Pas
2	Zone 1 Column Line 2	0-1 ft	108.3	13.6	106.7	7.2	99	N/A	Pas
3	Zone 1 Column Line 3	0-1 ft	108.3	13.6	105.2	7.9	97	N/A	Pas
4	Zone 2 Column Line 4	0-1 ft	108.3	13.6	104.8	9.6	97	N/A	Pas
5	Zone 2 Column Line 5	0-1 ft	108.3	13.6	107.4	9.1	99	N/A	Pas

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UES Project No: 0210.1800019.0000
Workorder No: 1042950-1
Report Date: 2/22/2018

In-Place Density Test Report

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

UES Technician: Jared Martin
Date Tested: 02/22/2018

Project: The Rehab Center of Lake City, CSD

Area Tested: South Parking Lot
Material: Fill
Reference Datum: 0 = Bottom of Fill

Type of Test:
Field: ASTM D-6938 Nuclear Gauge Method
Laboratory: ASTM D1557 Modified Proctor

The tests below meet the minimum 95% relative soil compaction requirement of Laboratory Proctor maximum dry density.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Fill Depth (inch)	Pass or Fail
1	20' North of Southeast Corner of Parking Lot	2-3 ft	108.3	13.6	107.9	7.5	100	N/A	Pas
	15' North and 30' West of Southeast Corner of Parking Lot	2-3 ft	108.3	13.6	108.8	6.4	100	N/A	Pas
3	25' North and 50' West of Southeast Corner of Parking Lot	2-3 ft	108.3	13.6	109.1	6.2	101	N/A	Pas
4	20' North and 60' West of Southeast Corner of Parking Lot	2-3 ft	108.3	13.6	108.4	7.0	100	N/A	Pas
5	25' North and 70' West of Southeast Corner of Parking Lot	2-3 ft	108.3	13.6	107.2	6.1	99	N/A	Pas
6	15' North and 80' West of Southeast Corner of Parking Lot	2-3 ft	108.3	13.6	108.3	6.5	100	N/A	Pas
7	20' North and 90' West of Southeast Corner of Parking Lot	2-3 ft	108.3	13.6	109.6	7.3	101	N/A	Pas

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UES Project No: 0210.1800019.0000
Workorder No: 1042936-1
Report Date: 2/21/2018

In-Place Density Test Report

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

UES Technician: Cleveland English
Date Tested: 02/21/2018

Project: The Rehab Center of Lake City, CSD

HERE
WAIT 4pm

Area Tested: South Parking Area
Material: Fill
Reference Datum: 0 = Bottom of Fill

Type of Test:
Field: ASTM D-6938 Nuclear Gauge Metho
Laboratory: ASTM D1557 Modified Proctor

The tests below meet the minimum 98% relative soil compaction requirement of Laboratory Proctor maximum dry density.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Fill Depth (inch)	Pass or Fail
1	Southeast Corner 15' North	0-1 ft	110.6	12.2	108.1	9.6	98	N/A	Pas
2	Southeast Corner 15' North 35' West	0-1 ft	110.6	12.2	109.1	9.5	99	N/A	Pas
3	Southeast Corner 15' North 55' West	0-1 ft	110.6	12.2	108.4	9.7	98	N/A	Pas
4	Southeast Corner 15' North 80' West	0-1 ft	110.6	12.2	109.3	10.6	99	N/A	Pas
5	Southeast Corner 25' North 45' West	1-2 ft	110.6	12.2	108.8	9.9	98	N/A	Pas
6	Southeast Corner 25' North 45' West	1-2 ft	110.6	12.2	109.7	8.6	99	N/A	Pas
7	Southeast Corner 25' North 75' West	1-2 ft	110.6	12.2	108.1	9.9	98	N/A	Pas
8	Southeast Corner 25' North 90' West	1-2 ft	110.6	12.2	108.6	9.7	98	N/A	Pas

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UES Project No: 0210.1800019.0000

Activity Report

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

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

Date of Activity: Tuesday, February 20, 2018

Technician: Dwayne Ingram

As Requested, a Universal Engineering Sciences Technician was present at the above referenced location for the purpose of A Universal Engineering Sciences representative was on site this day for the purpose of monitoring a proofroll at the following areas: _South Rear Parking Lot____.

A fully loaded tandem axle dump truck was used to proofroll the above referenced areas. The results of the proof roll indicate that the tested area was firm and unyielding and is considered to be itable for further construction .

The contrator was notified of the test results.

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UES Project No: 0210.1800019.0000
Workorder No: 1042877-1
Report Date: 2/19/2018

In-Place Density Test Report

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

UES Technician: Austin Blinn
Date Tested: 02/19/2018

Project: The Rehab Center of Lake City, CSD

Area Tested: Building pad.
Material: Fill
Reference Datum: 0 = Top of Final Grade

Type of Test:
Field: ASTM D-6938 Nuclear Gauge Metho
Laboratory: ASTM D1557 Modified Proctor

The tests below meet the minimum 95% relative soil compaction requirement of Laboratory Proctor maximum dry density.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Fill Depth (inch)	Pass or Fail
1	5' South of H,3.	-1-0 ft	108.3	13.6	107.0	5.0	99	N/A	Pas
2	5' South of H,4.	-1-0 ft	108.3	13.6	105.9	7.5	98	N/A	Pas
3	5' South of F,4.	-1-0 ft	108.3	13.6	106.7	4.9	99	N/A	Pas
4	5' South of D,4.	-1-0 ft	108.3	13.6	107.1	5.3	99	N/A	Pas
5	5' South of C,2.	-1-0 ft	108.3	13.6	104.9	4.2	97	N/A	Pas
6	5' South of E,2.	-1-0 ft	108.3	13.6	105.6	6.1	98	N/A	Pas
7	5' South of G,2.	-1-0 ft	108.3	13.6	106.7	5.7	99	N/A	Pas
8	5' South East of G,3.	-1-0 ft	108.3	13.6	106.4	5.9	98	N/A	Pas
9	5' South East of E,3.	-1-0 ft	108.3	13.6	104.9	4.7	97	N/A	Pas
10	5' South East of C,3.	-1-0 ft	108.3	13.6	107.1	6.7	99	N/A	Pas

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UES Project No: 0210.1800019.0000
Workorder No: 1042771-1
Report Date: 2/12/2018

In-Place Density Test Report

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

UES Technician: Justin Stitt
Date Tested: 02/12/2018

Project: The Rehab Center of Lake City, CSD

Area Tested: Building Pad
Material: Backfill
Reference Datum: 0 = Bottom of Fill

Type of Test:
Field: ASTM D-6938 Nuclear Gauge Metho
Laboratory: ASTM D1557 Modified Proctor

The tests below meet the minimum 95% relative soil compaction requirement of Laboratory Proctor maximum dry density.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Backfill Depth (inch)	Pass or Fail
1	Approximate Column Lines D/3 (Zone 3)	1-2 ft	108.3	13.6	107.4	6.4	99	N/A	Pas
2	30' East and 5' North From Column Line D/3 (Zone 3)	1-2 ft	108.3	13.6	108.0	10.5	100	N/A	Pas
3	30' South and 15' East From Coloumn Line D/3 (Zone 3)	1-2 ft	108.3	13.6	107.8	8.5	100	N/A	Pas
4	30' South and 30' East From Column Line D/3 (Zone 3)	1-2 ft	108.3	13.6	109.5	8.7	101	N/A	Pas
5	Approximate Column Lines E/4 (Zone 4)	0-1 ft	108.3	13.6	110.0	13.6	102	N/A	Pas
6	Approximate Column Lines E/5 (Zone 4)	0-1 ft	108.3	13.6	110.8	11.1	102	N/A	Pas
7	Approximate Column Lines E/6 (Zone 4)	0-1 ft	108.3	13.6	107.1	10.0	99	N/A	Pas
8	Approximate Column Lines E/3.5 (Zone 3)	0-1 ft	108.3	13.6	107.1	9.2	99	N/A	Pas
9	Approximate Column Lines Between D & E/3.5 (Zone 2)	0-1 ft	108.3	13.6	102.5	9.4	95	N/A	Pas
10	Approximate Column Line D/3.5 (Zone 2)	0-1 ft	108.3	13.6	108.9	13.0	101	N/A	Pas
11	Approximate Column Lines C/3.5 (Zone 2)	0-1 ft	108.3	13.6	102.4	7.9	95	N/A	Pas
12	Approximate Column Lines C/4(Zone 2)	0-1 ft	108.3	13.6	105.4	8.7	97	N/A	Pas
13	Approximate Column Lines Between C & D/4 (Zone 2)	0-1 ft	108.3	13.6	108.4	10.0	100	N/A	Pas

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UES Project No: 0210.1800019.0000
Workorder No: 1042719-1
Report Date: 2/8/2018

In-Place Density Test Report

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

UES Technician: Justin Stitt
Date Tested: 02/08/2018

Project: The Rehab Center of Lake City, CSD

Area Tested: Building Pad
Material: Backfill
Reference Datum: 0 = Bottom of Fill

Type of Test:
Field: ASTM D-6938 Nuclear Gauge Metho
Laboratory: ASTM D1557 Modified Proctor

The tests below meet the minimum 95% relative soil compaction requirement of Laboratory Proctor maximum dry density.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Backfill Depth (inch)	Pass or Fail
1	20' East and 3' North From Column Lines E/2 (Zone 3)	1-2 ft	108.3	13.6	111.7	9.5	103	N/A	Pas
2	Approximate Column Lines on F/2 (Zone 3)	1-2 ft	108.3	13.6	110.2	10.1	102	N/A	Pas
3	Approximate Column Lines on G/2 (Zone 5)	1-2 ft	108.3	13.6	108.9	6.5	101	N/A	Pas
4	Approximate Column Lines on H/2 (Zone 5)	1-2 ft	108.3	13.6	108.2	11.7	100	N/A	Pas
5	Approximate Column Lines on E/4 (Zone 4)	1-2 ft	108.3	13.6	106.2	7.8	98	N/A	Pas
6	Approximate Column Lines on F/4 (Zone 6)	1-2 ft	108.3	13.6	106.5	7.2	98	N/A	Pas
7	Approximate Column Lines on G/4 (Zone 6)	1-2 ft	108.3	13.6	103.5	9.6	96	N/A	Pas
8	Approximate Column Lines on H/4 (Zone 6)	1-2 ft	108.3	13.6	106.2	7.9	98	N/A	Pas
9	Approximate Column Lines C/4 (Zone 2)	0-1 ft	108.3	13.6	111.1	12.6	103	N/A	Pas
10	Approximate Column Lines on D/4 (Zone 2)	0-1 ft	108.3	13.6	103.8	11.4	96	N/A	Pas
11	15' East and 3' North From Column Line D/4 (Zone 2)	0-1 ft	108.3	13.6	108.5	12.3	100	N/A	Pas
12	10' West and 10' Soluth From Column Line C/5 (Zone 2)	0-1 ft	108.3	13.6	106.3	13.0	98	N/A	Pas
13	15' East and 8' North From Column Line D/5 (Zone 2)	0-1 ft	108.3	13.6	110.0	13.3	102	N/A	Pas
14	15' East and 15' South From Column Line D/5 (Zone 2)	0-1 ft	108.3	13.6	103.4	10.8	95	N/A	Pas
15	15' East and 5' South From Column Line C/6 (Zone 2)	0-1 ft	108.3	13.6	105.6	9.5	98	N/A	Pas

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UES Project No: 0210.1800019.0000

Activity Report

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

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

Date of Activity: Monday, February 5, 2018

Technician: Cleveland English

As Requested, a Universal Engineering Sciences Technician was present at the above referenced location for the purpose of A Universal Engineering Sciences representative was on site this day for the purpose of monitoring a proofroll at the following areas: Entire Building Pad.

A fully loaded tandem axle dump truck was used to proofroll the above referenced areas. The results of the proof roll indicate that the tested area was firm and unyielding and is considered to be suitable for further construction .)

The contrator was notified of the test results.