



**GEOTECHNICAL
MATERIAL TESTING
INSPECTION SERVICES**

January 9, 2019

Collier County-Building Official
Building Department
2800 N. Horseshoe Drive
Naples, FL 34104

Attn: Inspections

RE: CERTIFICATION LETTER-SOIL TESTING
Addison Place - Building 4
8671 Addison Place Circle
Naples, Florida 33120
Permit No.: PRBD2017041604401
TSF Project No.: 7112-17-251

Copies of TIERRA SOUTH FLORIDA (TSF), Inc. "Reports of Field Inspection" for soils have been periodically provided to your office and are also located in our files at 2765 Vista Parkway, Suite H-10 in West Palm Beach, Florida. As requested, TSF representatives reported to the above referenced project to perform density tests, on call basis.

To the best of our knowledge and belief, the test results available to date, as conducted by my authorized representatives, meet the minimum requirements on the plans and specifications. This concludes our Materials Testing Services for this site.

Respectfully submitted,

TIERRA SOUTH FLORIDA, INC.

Francois Thomas, P.E.
Principal Engineer
Florida Registration No. 56381

Cc: Frank Mathaey (fmathaey@ccresfl.com)
Andrea Conner (aconnor@ccresfl.com)
Tracy Blose (tblose@kaufmanlynn.com)
Colin Lasch (clasch@kaufmanlynn.onmicrosoft.com)
Dan Waters (DWaters@barroncollier.com)
Kevin Pufahl (kpufahl@kaufmanlynn.onmicrosoft.com)



Report of Field Compaction Tests

Tested For: CC Addison Place, LLC.
 2020 Salzedo Street, Suite 200
 Coral Gables, Florida - 33134
Attention: Frank Mathaey
Title: Project Manager
Cc: Frank Mathaey (fmathaey@ccresfl.com)

Report Generated: 02/26/2018
TSF Project #: 7112-17-410-E-022
Project: Addison Place - Testing - Building 4
Address: 8671 Addison Place Circle
 Naples, Florida - 33120
Inspector: Larry Garcia
Permit #: PRBD2017041604401

Test Method:	ASTM D-6938 (Nuclear)	Field Activity Date:	02/23/2018
Gauge Information:		General Location:	Bldg #4
Gauge Make:	Troxler	Project Specifications:	98 % of T-180
Gauge Model:	3430	Retest Required:	_____ Yes <input checked="" type="checkbox"/> No
Gauge S/N:	35803		

Test No	Elevation or Re-Test No	Depth (Inch)	Test Location	Proctor Max Density (lbs/ft ³)	Optimum Moisture (%)	Percent Moisture (%)	Field Dry Density (lbs/ft ³)	Percent Compaction (%)	Spec (From Above) (%)	Meet Spec ?
1	SOG	12	5' N 10' East From SW Corner	111.7	11.9	9.4	110.2	98.7	98	Yes
2	SOG	12	7' South 19' East from NW Corner	111.7	11.9	8.7	109.6	98.1	98	Yes
3	SOG	12	35' East 10' North From SW Corner	111.7	11.9	8.4	109.8	98.3	98	Yes
4	SOG	12	40' East 10' South From NW Corner	111.7	11.9	9.1	110	98.5	98	Yes

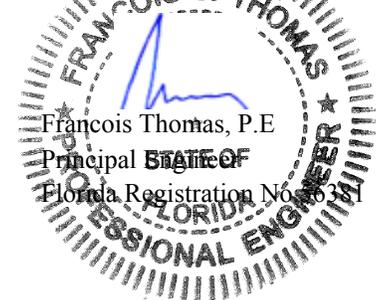
Remarks: _____

Notes:
 As requested, a TSF representative arrived on site as scheduled and performed Field Density Testing. The results of our testing is presented above. These test results apply only to the specific locations noted and may not represent any other location or elevations. Density tests at one specified location or elevation should not be used to represent other areas of site. Reports may not be reproduced, except in full, without permission by Tierra South Florida, Inc.

Report Copied to:

Andrea Conner, Tracy Blose, Kevin Pufahl, Colin Lasch, Dan Waters, Mike Levy (Sign and Seal), Jonathan Walsh (Sign and Seal), Brandy Bartolon (Sign and Seal)

Respectfully Submitted,
 Tierra South Florida, Inc.





Report of Field Compaction Tests

Tested For: CC Addison Place, LLC.
 2020 Salzedo Street, Suite 200
 Coral Gables, Florida - 33134
Attention: Frank Mathaey
Title: Project Manager
Cc: Frank Mathaey (fmathaey@ccresfl.com)

Report Generated: 02/23/2018
TSF Project #: 7112-17-410-E-019
Project: Addison Place - Testing - Building 4
Address: 8671 Addison Place Circle
 Naples, Florida - 33120
Inspector: Jose Pijuan
Permit #: PRBD2017041604401

Test Method:	ASTM D-6938 (Nuclear)	Field Activity Date:	02/22/2018
Gauge Information:		General Location:	BLD #4 SOG at East Side
Gauge Make:	Troxler	Project Specifications:	98 % of T-180
Gauge Model:	3430	Retest Required:	_____ Yes <input checked="" type="checkbox"/> No
Gauge S/N:	28286		

Test No	Elevation or Re-Test No	Depth (Inch)	Test Location	Proctor Max Density (lbs/ft ³)	Optimum Moisture (%)	Percent Moisture (%)	Field Dry Density (lbs/ft ³)	Percent Compaction (%)	Spec (From Above) (%)	Meet Spec ?
1	SOG	12	10'W x 10'S from NE corner	111.7	10.4	9.3	110.5	98.9	98	Yes
2	SOG	12	10'E x 10'N from SW corner	111.7	10.4	11.3	110.2	98.7	98	Yes
3	SOG	12	40'W x 10'S from NE corner	111.7	10.4	8.9	110.5	98.9	98	Yes
4	SOG	12	47'E x 10'N from SW corner	111.7	10.4	9.7	111.4	99.7	98	Yes

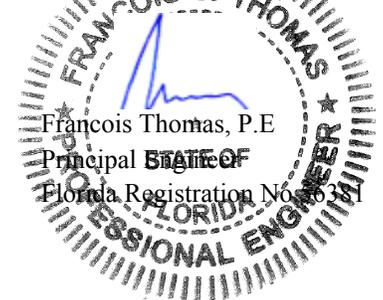
Remarks: _____

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Report of Field Compaction Tests

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 2020 Salzedo Street, Suite 200
 Coral Gables, Florida - 33134
Attention: Frank Mathaey
Title: Project Manager
Cc: Frank Mathaey (fmathaey@ccresfl.com)

Report Generated: 02/22/2018
TSF Project #: 7112-17-410-E-017
Project: Addison Place - Testing - Building 4
Address: 8671 Addison Place Circle
 Naples, Florida - 33120
Inspector: Jose Pijuan
Permit #: PRBD2017041604401

Test Method:	ASTM D-6938 (Nuclear)	Field Activity Date:	02/21/2018
Gauge Information:		General Location:	BLD #4 Pipe Backfill
Gauge Make:	Troxler	Project Specifications:	98 % of T-180
Gauge Model:	3430	Retest Required:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gauge S/N:	28286		

Test No	Elevation or Re-Test No	Depth (Inch)	Test Location	Proctor Max Density (lbs/ft^3)	Optimum Moisture (%)	Percent Moisture (%)	Field Dry Density (lbs/ft^3)	Percent Compaction (%)	Spec (From Above) (%)	Meet Spec ?
1	1st Lift	12	West Side	111.7	10.4	8.9	109.7	98.2	98	Yes
2	1st Lift	12	Center Side	111.7	10.4	8.7	110.1	98.6	98	Yes
3	1st Lift	12	East Side	111.7	10.4	8.9	109.9	98.4	98	Yes
4	1st Lift	12	N. Center Side	111.7	10.4	9.4	110.4	98.8	98	Yes
5	1st Lift	12	S. Center Side	111.7	10.4	9	110.2	98.7	98	Yes
6	Final Lift	12	West Side	111.7	10.4	10.3	110.4	98.8	98	Yes
7	Final Lift	12	Center Side	111.7	10.4	9.7	10.6	9.5	98	No
8	Final Lift	12	East Side	111.7	10.4	9.1	110.2	98.7	98	Yes
9	Final Lift	12	N. Center Side	111.7	10.4	9.6	110.7	99.1	98	Yes
10	Final Lift	12	S. Center Side	111.7	10.4	9.2	110.5	98.9	98	Yes

Remarks: _____

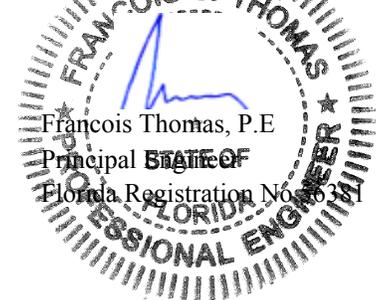
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2020 Salzedo Street, Suite 200
Coral Gables, Florida - 33134
Attention: Frank Mathaey
Title: Project Manager
Cc: Frank Mathaey (fmathaey@ccresfl.com)

Report Generated: 02/19/2018
TSF Project #: 7112-17-410-E-015
Project: Addison Place - Testing - Building 4
Address: 8671 Addison Place Circle
Naples, Florida - 33120
Inspector: Larry Garcia
Permit #: PRBD2017041604401

Test Method:	ASTM D-6938 (Nuclear)	Field Activity Date:	02/16/2018
Gauge Information:		General Location:	Elevator Bldg#4
Gauge Make:	Troxler	Project Specifications:	98 % of T-180
Gauge Model:	3430	Retest Required:	_____ Yes <input checked="" type="checkbox"/> No
Gauge S/N:	65738		

Test No	Elevation or Re-Test No	Depth (Inch)	Test Location	Proctor Max Density (lbs/ft ³)	Optimum Moisture (%)	Percent Moisture (%)	Field Dry Density (lbs/ft ³)	Percent Compaction (%)	Spec (From Above) (%)	Meet Spec ?
1	SOG	12	SW Corner	111.7	11.9	6.8	116.4	104.2	98	Yes
2	SOG	12	NW Corner	111.7	11.9	8.8	110.5	98.9	98	Yes
3	SOG	12	SE Corner	111.7	11.9	7.8	111.5	99.8	98	Yes

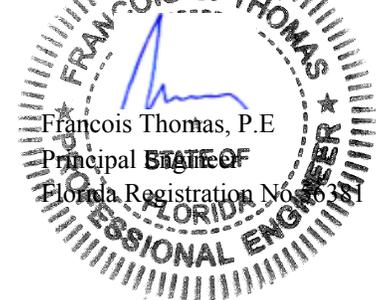
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 2020 Salzedo Street, Suite 200
 Coral Gables, Florida - 33134
Attention: Frank Mathaey
Title: Project Manager
Cc: Frank Mathaey (fmathaey@ccresfl.com)

Report Generated: 02/07/2018
TSF Project #: 7112-17-410-E-002
Project: Addison Place - Testing - Building 4
Address: 8671 Addison Place Circle
 Naples, Florida - 33120
Inspector: Jose Pijuan
Permit #: PRBD2017041604401

Test Method:	ASTM D-6938 (Nuclear)	Field Activity Date:	02/05/2018
Gauge Information:		General Location:	BLD #4 Footing
Gauge Make:	Troxler	Project Specifications:	98 % of T-180
Gauge Model:	3430	Retest Required:	_____ Yes <input checked="" type="checkbox"/> No
Gauge S/N:	28286		

Test No	Elevation or Re-Test No	Depth (Inch)	Test Location	Proctor Max Density (lbs/ft^3)	Optimum Moisture (%)	Percent Moisture (%)	Field Dry Density (lbs/ft^3)	Percent Compaction (%)	Spec (From Above) (%)	Meet Spec ?
1	BOF	12	NE Side	111.7	10.4	9.1	109.8	98.3	98	Yes
2	BOF	12	NW Side	111.7	10.4	8.6	110.3	98.7	98	Yes
3	BOF	12	N Center Side	111.7	10.4	8.6	110.1	98.6	98	Yes
4	BOF	12	SE Side	111.7	10.4	11.3	109.7	98.2	98	Yes
5	BOF	12	S Center Side	111.7	10.4	10.2	110.5	98.9	98	Yes
6	BOF	12	SW Side	111.7	10.4	10.8	111.2	99.6	98	Yes

Remarks: _____

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