



June 9, 2022

**Certified Arborist Assessment
1311 15 Terrace, Miami Beach, Florida
NLE Project No. 14822003**

New Leaf Environmental, LLC (NLE) is providing this report as a record of our assessment of the trees within the above referenced property. This assessment was conducted by an International Society of Arboriculture Certified Arborist in general accordance with the ANSI A300 Standards for Tree Risk Assessment and associated Best Management Practices (BMP) companion book, for a Level 1 (Limited Visual) Assessment. This assessment is not intended to serve for purposes other than tree permitting for site redevelopment. Trees on the site were identified and assessed in June of 2022 and recorded on a tree table (attached). Photos were taken of each tree and included on the attached photo log.

This assessment is valid for the time at which it was written, and changing site conditions, proposed development, and changes in tree health may affect the future validity of this assessment. This assessment does not cover trees other than those listed on the tree table. Trees on site that are exempt from permitting (by classification of species) and woody plants that do not meet the size requirements to be classified as a tree are not typically included with this assessment, but selected individuals may be included to avoid confusion/clarify regulatory status and to provide consistency with survey data.

Project Background & General Site Description

Development activities are being proposed within this property. The current evaluation of trees onsite is intended to assist with identification of trees to be retained, removed, or relocated as part of proposed property improvements. The adjacent aerial depicts an overhead view of the property, with approximate property boundaries.



Condition Ratings

Assigned condition ratings follow the categories described in the 10th edition for Plant Appraisal:

Excellent – nearly perfect vigor and health, free of defects.

Good - no significant damage, normal vigor, any defects or health problems are minor/affect only small branches. Function and aesthetics not compromised.

Fair – reduced vigor, significant damage/defects in up to 50% of the crown though the defects are unlikely to be fatal. Function and aesthetics are compromised.

Poor – unhealthy/in a state of decline, overmature, or severely stressed. Poor vigor. Poor foliage density/color. Defects cannot be detected and are anticipated to contribute to death of the tree. Significant effects on the function and aesthetics of the tree.

Very Poor – tree is effectively dead, though some living foliage may be present. Little to no function.

Dead - tree completely dead. Stumps are recorded when observed and appear to have been cut/tree fallen within the last 3-6 months.

Special Classification

In addition to the condition ratings, the following special classification is noted as applicable:

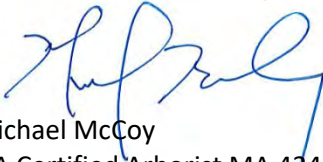
Non-viable trees are identified as trees which do not currently qualify as High Risk but may be considered as "dead" or effectively destroyed for regulatory purposes - they cannot continue to grow to a reasonably typical form in their current location/condition, and cannot be restored or relocated. Examples are trees with a fatal, non-treatable pathogen, trees that have fallen over but continue to grow, and trees growing overtop of infrastructure elements where their removal is required to comply with mandatory infrastructure maintenance and relocation is infeasible.

Measurements were recorded as follows:

Heights were measured using a digital range finder/hypsometer when a clear line of site was available, and otherwise visually approximated. Heights were recorded to the nearest foot up to 20 feet, and in five-foot increments above 20 feet. The height of a canopy was considered the top of the main contiguous area of leaves, and does not include solitary branches that may protrude above this level. Diameter at breast height (DBH) was measured using a diameter tape (where possible), and rounded to the nearest inch, except when rounding up or down would change the regulatory status of the tree. Canopy width measurements are approximated based on field observations and aerial photography, and intended to demonstrate the average diameter of the canopy. Critical root zones trees were calculated as eight inches in radius from the trunk for each inch in DBH, with a minimum calculated radius of 10 feet

Sincerely,

New Leaf Environmental, LLC



Michael McCoy

ISA Certified Arborist MA 4243A, TRAQ Qualified

LIAF Certified Landscape Inspector

Attachments: tree table, photo log, tree map

Tree Table 1311 15 Terrace

Tree #	Common Name	Scientific Name	DBH (inches)	Condition	Height (feet)	Spread (feet)	Critical Root Zone Radius* (feet)	Prohibited?	Specimen?	Comments
1	Canary Island date palm	<i>Phoenix canariensis</i>	29	Fair	55	20	19		YES	
2	solitaire palm	<i>Ptychosperma elegans</i>	4	Good	18	8	10			Below size threshold to be regulated as a tree
3	bishopwood	<i>Bischofia javanica</i>	12	Fair	45	25	10	YES		
4	strangler fig	<i>Ficus aurea</i>	72	Fair	60	40	48		YES	
5	sabal palm	<i>Sabal palmetto</i>	10	Good	12	12	10			
6	gumbo limbo	<i>Bursera simaruba</i>	3	Fair	16	8	10			
7	umbrella tree	<i>Schefflera actinophylla</i>	28	Fair	25	25	19	YES		
8	solitaire palm	<i>Ptychosperma elegans</i>	4	Good	16	12	10			Below size threshold to be regulated as a tree
9	Christmas palm	<i>Adonidia merrellii</i>	6	Good	20	12	10			
10	seagrape	<i>Coccoloba uvifera</i>	5	Fair	20	12	10			
11	pink trumpet tree	<i>Tabebuia heterophylla</i>	6	Fair	18	12	10			
12	umbrella tree	<i>Schefflera actinophylla</i>	10	Fair	16	16	10	YES		
13	gumbo limbo	<i>Bursera simaruba</i>	3	Fair	16	12	10			
14	strangler fig	<i>Ficus aurea</i>	11	Fair	20	16	10			
15	gumbo limbo	<i>Bursera simaruba</i>	3	Good	18	12	10			
16	areca palm	<i>Dypsis lutescens</i>	cluster	Good	15	15	5			
17	Brazilian pepper	<i>Schinus terebinthifolius</i>	10	Fair	20	12	10	YES		
18	strangler fig	<i>Ficus aurea</i>	15	Good	20	15	10		YES	
19	gumbo limbo	<i>Bursera simaruba</i>	7	Fair	5	8	10			
20	bishopwood	<i>Bischofia javanica</i>	15	Fair	20	12	10	YES		
* CRZ is a planning estimate and may be adjusted based on field conditions										

Photo Log 1311 15 Terrace

Tree 1 Canary Island date palm
(*Phoenix canariensis*)
29 inch DBH, Fair condition
55 foot height, 20 foot spread



Tree 2 solitaire palm
(*Ptychosperma elegans*)
4 inch DBH Good condition
18 foot height, 8 foot spread



Tree 3 bishopwood
(*Bischofia javanica*)
12 inch DBH, Fair condition
45 foot height, 25 foot spread



Tree 4 strangler fig
(*Ficus aurea*)
72 inch DBH Fair condition
60 foot height, 40 foot spread



Photo Log 1311 15 Terrace

Tree 5 sabal palm
(Sabal palmetto)
10 inch DBH, Good condition
12 foot height, 12 foot spread



Tree 6 gumbo limbo
(Bursera simaruba)
3 inch DBH Fair condition
16 foot height, 8 foot spread



Tree 7 umbrella tree
(Schefflera actinophylla)
28 inch DBH, Fair condition
25 foot height, 25 foot spread



Tree 8 solitaire palm
(Ptychosperma elegans)
4 inch DBH Good condition
16 foot height, 12 foot spread



Tree 9 Christmas palm
(*Adonidia merrellii*)
6 inch DBH, Good condition
20 foot height, 12 foot spread



Tree 10 seagrape
(*Coccoloba uvifera*)
5 inch DBH Fair condition
20 foot height, 12 foot spread



Tree 11 pink trumpet tree
(*Tabebuia heterophylla*)
6 inch DBH, Fair condition
18 foot height, 12 foot spread



Tree 12 umbrella tree
(*Schefflera actinophylla*)
10 inch DBH Fair condition
16 foot height, 16 foot spread



Photo Log 1311 15 Terrace

Tree 13 gumbo limbo
(*Bursera simaruba*)
3 inch DBH, Fair condition
16 foot height, 12 foot spread



Tree 14 strangler fig
(*Ficus aurea*)
11 inch DBH Fair condition
20 foot height, 16 foot spread



Tree 15 gumbo limbo
(*Bursera simaruba*)
3 inch DBH, Good condition
18 foot height, 12 foot spread



Tree 16 areca palm
(*Dypsis lutescens*)
cluster inch DBH Good condition
15 foot height, 15 foot spread



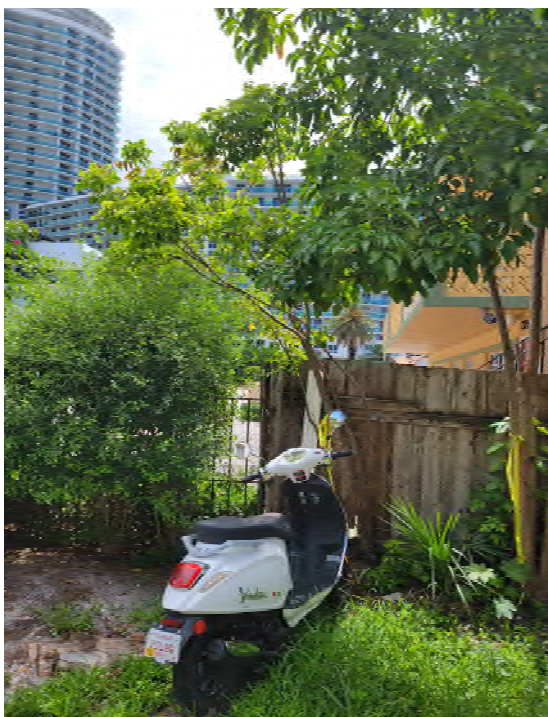
Tree 17 Brazilian pepper
(*Schinus terebinthifolius*)
10 inch DBH, Fair condition
20 foot height, 12 foot spread



Tree 18 strangler fig
(*Ficus aurea*)
15 inch DBH Good condition
20 foot height, 15 foot spread



Tree 19 gumbo limbo
(*Bursera simaruba*)
7 inch DBH, Fair condition
5 foot height, 8 foot spread



Tree 20 bishopwood
(*Bischofia javanica*)
15 inch DBH Fair condition
20 foot height, 12 foot spread





- TREE MAP
OVERLAY OVER SITE SURVEY
JUNE 9, 2022
NEW LEAF ENVIRONMENTAL

