

# ***Tree Resource Evaluation for 1030 15<sup>th</sup> Street, Miami Beach***

***Prepared for:***

***Shoma***

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***Coral Gables, FL 33134***

***Prepared by:***

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## **Summary**

I performed a tree resource evaluation of trees and palms on the property located at 1030 15<sup>th</sup> Street, Miami Beach on May 5, 2018. The location of these trees and palms can be found in Appendix B.

The evaluation in Appendix A includes tree and palm measurements, and condition rating.

I rate trees and palms in accordance with ANSI A300 (Part 5) – 2005, Annex A, Management Report Information. Trees are rated Good, Moderate or Poor, see Appendix C. I recommend the removal of trees or palms that I rate as Poor.

I also followed the Levels and Scope of Tree Risk Assessment from the ANSI A300 Part 9- 2017: Levels of tree risk assessment; Level 1 limited visual tree risk assessment, Level 2 basic tree risk assessment, and Level 3 advanced tree risk assessment. The scope of this report/evaluation was limited to a Level 2 Assessment for all trees onsite.

To perform all measurements, I used a forestry diameter measuring tape and a measuring wheel. I rounded-off to the nearest inch when measuring trunk diameter, heights and canopy diameters are approximate.

Any trees that are to remain should have their canopies cleared of dead wood and hazardous branches by a certified arborist.

## **Photos below**

The color and brightness on some photos has been adjusted to provide contrast and clarity to the subject matter. This follows the Basic section on Enhancement Techniques found in Section 11, Best Practices for Documenting Image Enhancement in a document produced by SWGIT Scientific Working Group Imaging Technology, [www.SWGIT.org](http://www.SWGIT.org).



**Photo 1 above tree 1 growing into the powerlines with noticeable dead wood in the upper canopy. Tree 43 is also growing into the powerlines. Palm 44 is dead.**





**Photo 2 above is palm 4 and tree 5 viewed from the south. The over-extended canopy branch over the road needs to be reduced about 15 to 18 feet or more to keep it out of the roadway.**





**Photo 3 above is tree 5 & 7 and palms 6 & 8.**





**Photo 4 above is the trunk of tree 7 showing extensive damage. This tree should be removed.**





**Photo 5 above is palm 8 showing signs of a severe non-correctable nutrient deficiency. This palm should be removed.**





**Photo 6 above is trees 9 & 10 viewed from the south.**





**Photo 7 above is the northwest corner of the property.**





**Photo 8 above is trees 15, 17 & 18 viewed from the northwest.**





**Photo 9 above is tree 16 growing in a planter that is too small for this species of tree.**





**Photo 10 above is trees 17 & 18 viewed from the south.**





**Photo 11 above is tree 19 an invasive species viewed from the southeast.**



**Photo 12 above is invasive species 19, 20 & 21.**





**Photo 13 above is trees 22 & 23 viewed from the south.**





**Photo 14 above is the northeast corner of the property viewed from the south.**





**Photo 15 above is the northeast corner of the site viewed from the east.**





**Photo 16 above shows cut trunk 27.**





**Photo 17 above is trees 32, 33 & 35 viewed from the east. Note that tree 33 & 35 are growing into the powerlines.**





**Photo 18 above is palm 34 & tree 35 viewed from the south.**





**Photo 19 above is trees 29 & 36 viewed from the east.**





**Photo 20 above is tree 37 viewed from the east. This tree is growing in a planter that is too small for this species of tree.**





**Photo 21 above shows shrub 38. This is not a tree.**





**Photo 22 above is palm 39 viewed from the east.**





**Photo 23 above is tree 41 viewed from the northeast.**





**Photo 24 above is tree 43 & palm 44 which is dead viewed from the south.**



## **Appendix – A**

	<b>Scientific name</b>	<b>Common name</b>	<b>DBH</b>	<b>H/Ct</b>	<b>Canopy</b>	<b>Condition</b>	<b>TPZ</b>
1	Tabebuia heterophylla	Pink tabebuia	9"	35'	20'	Moderate	5'
2a	Conocarpus erectus sericeus	Silver buttonwood	1"	9'	8'	Good	3'
3a	Bursera simaruba	Gumbo limbo	11"	20'	25'	Good	5'
3b	Bursera simaruba	Gumbo limbo	12"	18'	25'	Good	5'
4	Roystonea regia	Royal palm	12"	25'	22'	Good	4'
5	Tabebuia heterophylla	Pink tabebuia	13"	35'	35'	Good	4'
6	Roystonea regia	Royal palm	15"	25'	28'	Good	4'
7	Tabebuia heterophylla	Pink tabebuia	5"	20'	15'	Poor	
8	Roystonea regia	Royal palm	15"	25'	20'	Poor	
9	Bursera simaruba	Gumbo limbo	22"	25'	35'	Good	5'
10	Bursera simaruba	Gumbo limbo	13"	30'	35'	Good	5'
11	Quercus virginiana	Live oak	4"	16'	12'	Poor	
12	Sabal palmetto	Sabal palm	8"	15'	12'	Good	3'
13	Sabal palmetto	Sabal palm	12"	16'	16'	Good	3'
14	Sabal palmetto	Sabal palm	11"	20'	18'	Good	3'
15	Bucida buceras	Black olive	22"	55'	70'	Good	10'
16	Bursera simaruba	Gumbo limbo	12"	25'	25'	Good	5'
17	Bucida buceras	Black olive	18"	35'	30'	Good	5'
18	Bucida buceras	Black olive	24"	45'	55'	Good	10'
19	Schefflera actinophylla	Umbrella tree	31"	18'	20'	Invasive	
20	Schefflera actinophylla	Umbrella tree	27"	18'	20'	Invasive	
21	Schefflera actinophylla	Umbrella tree	28"	25'	25'	Invasive	
22	Bursera simaruba	Gumbo limbo	18"	25'	30'	Moderate	5'
23	Bursera simaruba	Gumbo limbo	13"	22'	20'	Moderate	5'
24	Callistemon viminalis	Bottle brush	25"	22'	20'	Moderate	5'
25	Sabal palmetto	Sabal palm	9"	16'	12'	Good	3'
26	Sabal palmetto	Sabal palm	8"	18'	14'	Good	3'
27	Cut to grade						
28	Sabal palmetto	Sabal palm	8"	14'	14'	Good	3'
29	Eugenia foetida		3"	14'	8'	Good	3'
30	Bursera simaruba	Gumbo limbo	7"	30'	24'	Good	5'
31	Cut to grade						
32	Bucida buceras	Black olive	24"	50'	45'	Good	12'
33	Bucida buceras	Black olive	24"	50'	70'	Moderate	12'
34	Washingtonia filifera	Washingtonia palm	12"	9'	12'	Good	3'
35	Bucida buceras	Black olive	12"	35'	35'	Moderate	8'
36	Quercus virginiana	Live oak	2"	14'	6'	Good	3'
37	Mimusops coriacea	Monkey apple	14"	20'	20'	Moderate	4'
38	Foresteria segragata		0	5'	5'	Good	



39	<i>Livistona chinensis</i>	Chinese fan palm	15"	35'	15'	Good	4'
40	<i>Bursera simaruba</i>	Gumbo limbo	8"	16'	16'	Good	4'
41	<i>Bursera simaruba</i>	Gumbo limbo	15"	18'	20'	Good	5'
42	Not on survey						
43	<i>Tabebuia heterophylla</i>	Pink tabebuia	14"	35'	15'	Good	4'
44	<i>Roystonea regia</i>	Royal palm	15"	25'	0	Dead	

- I recommend the removal of trees and palms that I rated to be in poor condition.
- The TPZ is measured as radius from the outside of the trunks.
- Canopy diameter is measured in one direction.
- H = approximate overall height of trees
- Ct = approximate height of grey wood on palms





## **Appendix – C**

ANSI A300 (Part 5) - 2005, Annex A

Management report information

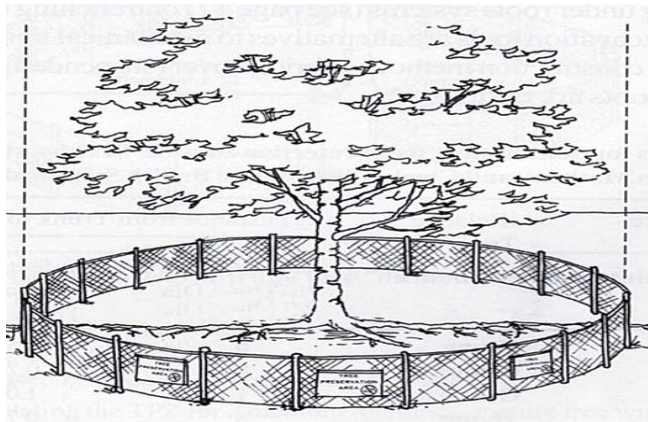
Examples of suitability ratings

**Good:** These are trees with good health and structural stability that have the potential for longevity at the site.

**Moderate:** Trees in this category have fair health and/or structural defects that may be abated with treatment. Trees in this category require more intense management and monitoring, and may have shorter life-spans than those in the “good” category.

**Poor:** Trees in this category are in poor health or have significant defects in structure that cannot be abated with treatment. These trees can be expected to decline regardless of management. The species or individual tree may possess either characteristics that are undesirable in landscape settings or be unsuited for use areas.

## **Appendix – D – Schematic for tree protection during construction**



The dimensions for the tree protection zones for all trees to remain onsite are shown in Appendix A. This area shall be encircled with a 4 foot high sturdy fence supported by steel rods or pipes to support the fence every 6 feet. There shall be signage on the fence in English and Spanish not allowing storage of any materials, change of grade or movement of equipment. This fence shall be inspected regularly by the contractor to ensure compliance.

## **Appendix - E - Assumptions and Limiting Conditions**

Tropical Designs of Florida, Inc.  
Arboricultural and Horticultural Consulting

### **Qualifications, Assumptions, and Limiting Conditions**

Any legal description provided to the consultant is assumed to be correct. Any titles or ownership of properties are assumed to be good and marketable. All property is appraised or evaluated as though free and clear, under responsible ownership and competent management.

All property is presumed to be in conformance with applicable codes, ordinances, statutes, or other regulations.

Care has been taken to obtain information from reliable sources. However, the consultant cannot be responsible for the accuracy of information provided by others.

The consultant shall not be required to give testimony or to attend meetings, hearings, conferences, mediations, arbitrations, or trials by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services.

This report and any appraisal value expressed herein represent the opinion of the consultant, and the consultant's fee is not contingent upon the reporting of a specified appraisal value, a stipulated result, or the occurrence of a subsequent event.

Sketches, drawings, and photographs in this report are intended for use as visual aids, are not necessarily to scale, and should not be construed as engineering or architectural reports or surveys. The reproduction of information generated by architects, engineers, or other consultants on any sketches, drawings, or photographs is only for coordination and ease of reference. Inclusion of said information with any drawings or other documents does not constitute a representation Tropical Designs of Florida, Inc. as to the sufficiency or accuracy of said information.

Unless otherwise expressed: a) this report covers only the examined items and their condition at the time of inspection: and b) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that structural problems or deficiencies of plants or property may not arise in the future.



## **Appendix – F - Certification of Performance**

Tropical Designs of Florida, Inc.  
Arboricultural and Horticultural Consulting

I, Jeff Shimonski, certify:

- That I have personally inspected the trees and/or the property referred to in this report, and have stated my findings accurately. The extent of the evaluation is stated in the attached report;
- That I have no current or prospective interest in the vegetation or the property that is the subject of this report and have no personal interest or bias with respect to the parties involved;
- That the analysis, opinions, and conclusions stated herein are my own;
- That my analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted arboricultural practices;
- That no one provided significant professional assistance to the consultant, except as indicated within the report;
- That my compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party.

I further certify that I am a member of the American Society of Consulting Arborists and acknowledge, accept, and adhere to the ASCA Standards of Professional Practice. I am an International Society of Arboriculture Certified Municipal Arborist FL-1052AM, am ISA Tree Risk Assessment Qualified and have been involved in the practice of arboriculture and the study of trees for over forty years.

*Signed: Jeff Shimonski*

*Dated: May 6, 2018*