



Boyd Residence 31 LaGorce Cir. Miami Beach, FL 33141

Date:

March 31, 2020

Prepared for:

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SUMMARY

Nievera and Williams Landscape Architects hired Bartlett Tree Experts to evaluate the existing trees at the Boyd residence at 31 LaGorce Cir. In Miami Beach, Florida. 54 trees and palms were inventory, 9 trees will remain, 10 palms will be relocated, 1 tree and 1 palm need further evaluation and 33 trees and palms are recommended for removal due to its condition, location and/or structure.

INTRODUCTION

Background

Nievera and Williams is a Landscape Architect firm that will be designing and building the new landscape as part of the remodeling process at the Boyd residence at 31 LaGore Cir, in Miami Beach, Florida. Some tree and palms are valuable and provide an irreplaceable asset to the property. Bartlett Tree Experts was hired to evaluate the trees and palms on site and provide information to the client to help them in the decision process which trees and palms should be maintain as a part of the new landscape.

Assignment

Bartlett Tree Experts' assignment is as follows:

- Verify the inventory of the trees and palms based on the site plan provided.
- Visually evaluate the tree and palm condition
- Provide a spreadsheet with the name, DBH, condition rating, critical root zone, observation and recommendations for trees based on the site plan provided.
- Submit a report.

Limits of Assignment

This report is based on my observations made on March 27, 2020. All of my assessments were performed visually and from the ground. I did not climb the tree or use any aerial lift equipment. No tree risk assessment was performed and this document should not be construed as such.

The conclusions and recommendations are based on the author's experience and education as a qualified professional, and are not intended as a predictor of future conditions. Trees are dynamic systems and even healthy, intact trees may fail under given conditions. This work is intended as a tool to

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assist the tree owner in making an educated tree management decision rather than to dictate a management action.

Purpose of this Report

This report has been prepared to help Nievera and Williams Landscape Architects and the property owner in the process to determine which trees and palms are suitable to be part of the new landscape at 31 LaGorce Cir. or which trees and palms should be removed. This is intended also to be used by the client to apply with the City of Miami Beach for tree removal permits and to obtain other permits for the construction of the new landscape.

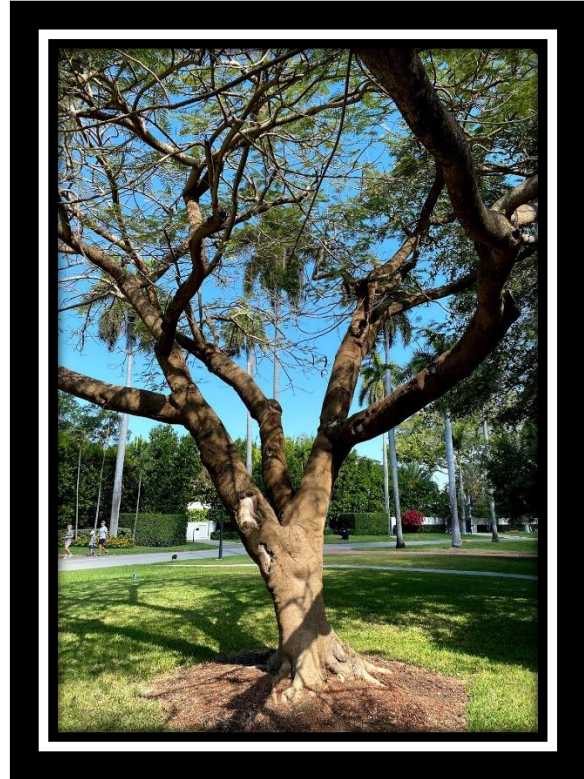
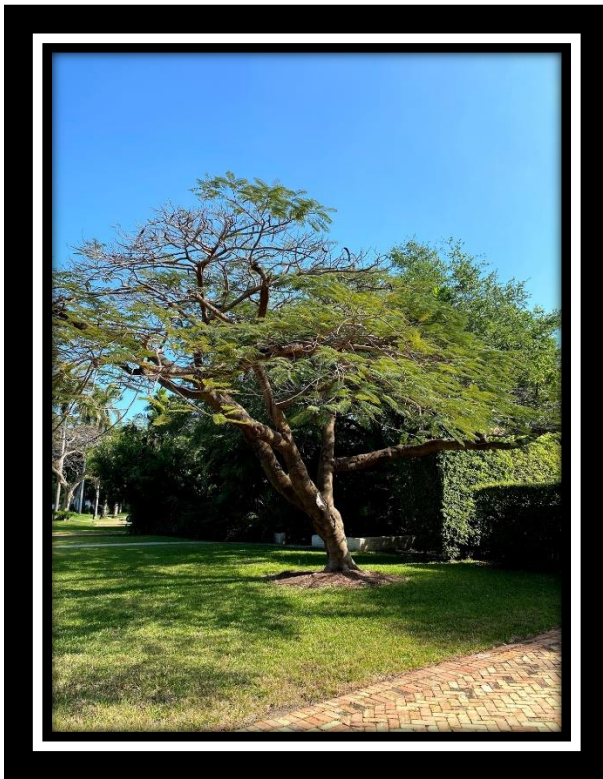
OBSERVATIONS

The Boyd residence is located in a private neighborhood in Miami Beach. It's a large corner lot with a large front yard with two frontages and a smaller backyard. Most large and valuable trees and palms are located in the front yard with only one large specimen Live Oak on the back patio.

Only specific trees will be discussed in detail due to the findings.



Tree # 752 Royal Poinciana, this tree has some decay in the main trunk and branches, there is good closing tissue (callus) around the decay areas. In the lower trunk included bark is present, included bark can cause a weak attachment prone to failure during storms.





Palm # 756 Royal Palm, this palm is a large specimen. It presents decay in approximately 35% of the trunk. The decay represents a structural weakness specially at the base of mature large trees and/or palms.





Palm # 759 Canary Palm, this palm has a cavity in the trunk and several holes along the trunk. It's possible that the trunk has a column of decay. At the upper trunk there is a constriction with holes below the constriction creating a weakness and a likelihood of failure especially during storm conditions. The palm is also showing symptoms of what appears to be *Fusarium* sp. a fungal disease that causes the fronds to die slowly and causes an irreversible decline without treatment alternatives.





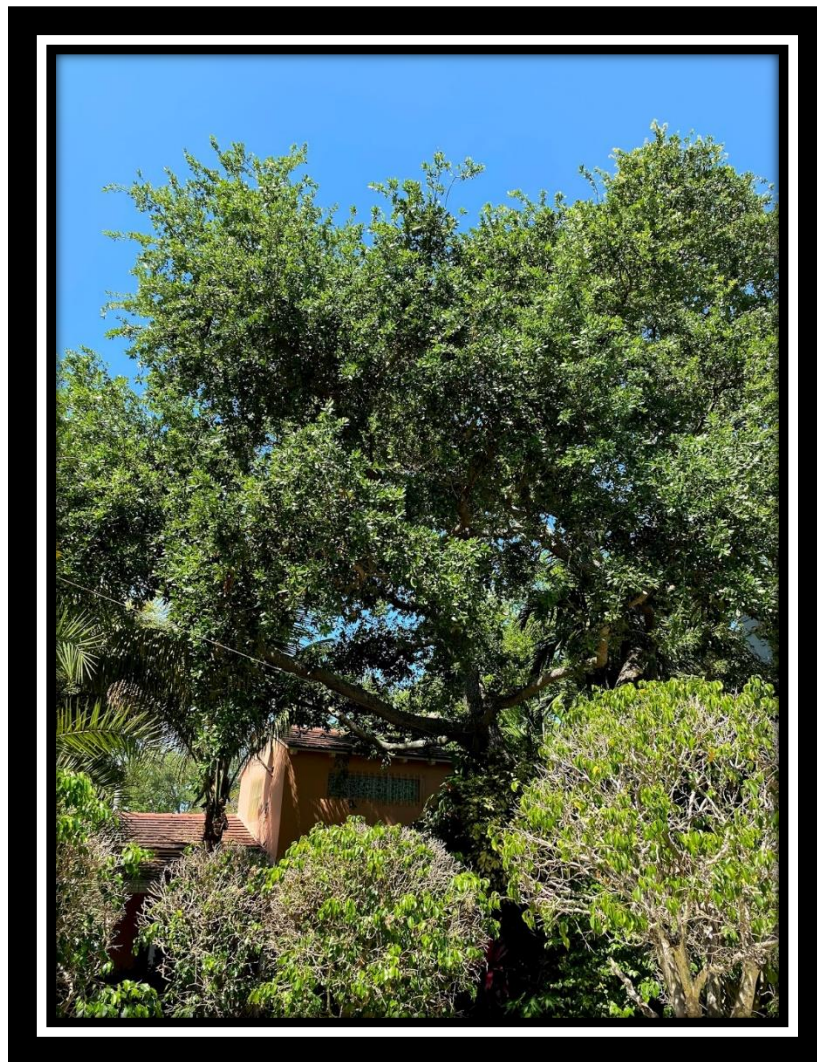


Palm # 782 Royal Palm, this palm presents yellow and brown new fronds, the main bud also appears to be yellowing. The change of color on the new growth and main bud can be an indication of an insect or disease. It's not possible to determine the cause by looking the tree from the ground. It's possible that this palm may be in decline.





Tree # 804 Live Oak, this large specimen tree located at the back of the property, provides a good shade and aesthetic contribution to the rear patio. At the base of the tree a large stump was left from what looks was a large stem (removed many years ago), this stump is decayed extensively and still attached to the main trunk of the tree, conks (fruiting body of a fungus) are visible in the stump, it looks like Ganoderma root rot. Another conk is visible in the main supporting trunk near the base, this can indicate interior decay into the trunk that is alive. Interior decay caused by Ganoderma can compromised the structure stability and support of the tree causing the tree to be a risk to the people and the property.



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The F.A. Bartlett Tree Expert Company | March 2020





DISCUSSION

This is a mature landscape with large specimens. Most of the large Royal Palms are candidates to be relocated. The Live Oaks in the front are in good condition and proper care during the construction process is critical to minimize any negative impact to the roots and canopy.

Some trees and palms are showing problems such as decay or symptoms of disease. Further evaluation is necessary to find the extent of the problems.

Other trees and palms including Coconut Palms, Travelers Palms, Schefflera, and Dracaena are good candidates for removal to create a more sustainable landscape that will provide a better place and use of the gardens.

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CONCLUSION

The landscape renovation provides an opportunity to remove existing trees that are in poor condition and to plant trees that will perform better on this site. This site's contribution to the urban forest can be improved by proper species selection and future care. A consulting arborist should be retained to assist in care and maintenance of the existing and new trees to be planted. Any removed trees should be replaced to offset canopy loss.

RECOMMENDATIONS

The following are my recommendations:

- Remove all trees and palms that are in poor condition, present a risk, don't have the proper space to continue to grow, and/or are invasive species.
- Inspect Royal Palm #782 to try to determine the cause of the yellowing and browning of the main bud and new growth.
- Perform *Level 3 Advanced Assessment* of risk (as defined in the *International Society of Arboriculture's BMP for Tree Risk Assessment*) on Live Oak #804.
- Prune the trees as recommended in the chart based on the ANSI A-300 pruning specifications. Work to be performed under the supervision of an ISA Board Certified Master Arborist.
- Create the Critical Root Zones for the trees that are preserved based on the minimum guidelines and distances recommended in the chart.
- Create a soil care program to provide adequate nutrients before, during and after the construction. A soil care program should consist of soil samples to test for pH, macronutrients, micronutrients; provide stress relief treatments, soil conditioning, addition of biochar as a source of organic matter and to improve the soil biology and application of mulch to reduce compaction and maintain soil moisture.
- Supply adequate irrigation to all retained trees and palms during and after construction.
- Provide Integrated Pest Management or Plant Health Care Services to treat the trees and palms for insects and disease preventively and/or monitor for any infestation during and after construction.



APPENDIX A: Tree Inventory and Spreadsheet with Observations and Recommendations

Please see attached file.

APPENDIX B: 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. No responsibility is assumed for matters legal in character. Any and 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 appraised 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 of Jonathan S. Frank as to the sufficiency or accuracy of said information.

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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 C: CERTIFICATE OF PERFORMANCE

I, Juan C. Carrasco, certify that:

- I have personally inspected the tree(s) and/or property referred to in this report, and that I have stated my findings accurately. The extent of the evaluation or appraisal is stated in the attached report and the Terms of Assignment.
- I have no current or prospective interest in the vegetation or property that is the subject of this report and have no personal interest or bias with respect to the parties involved.
- The analysis, opinions, and conclusions stated herein are my own and are based on current scientific procedures and facts.
- My analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted arboricultural practices.
- No one provided significant professional assistance to me, except as indicated within the report.
- 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 an International Society of Arboriculture Board Certified Master Arborist, and have been involved in the practice of arboriculture and the study of trees for over twenty-five years.

Signed:  Dated: March 31, 2020

Juan C Carrasco

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