

Tree Resource Evaluation for 524 N. Riverside Drive, Pompano Beach

Prepared for:

Branesp Realty

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Coral Gables, FL 33134

Prepared by:

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ISATree Risk Assessment Qualification

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December 18, 2019

Summary

I performed a tree resource evaluation at 524 N. Riverside Drive, Pompano Beach on December 13, 2019. The approximate locations of these trees and palms can be found on the schematic in Appendix B.

The evaluation in Appendix A includes tree measurements, condition rating and recommended radius of the tree protection zone (TPZ) for each tree.

I rate trees and palms in accordance with ANSI A300 (Part 5) – 2005, Annex A, Management Report Information. Ratings are 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 and palms 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. Canopy diameter measurement is done in one direction.

Appendix D contains the ANSI A300 definitions of Tree Protection Zone (TPZ) and Critical Root Zone (CRZ). The TPZs that I have assigned to the trees on this site are sufficient to maintain CRZs for these trees as well as the TPZs. The TPZ and CRZ for trees and palms will be adjusted on the sides that are adjacent to roadway with curbs and sidewalks, to the outer edges of those curbs and sidewalks. There is no adjustment when asphalt is adjacent to the tree or palm unless otherwise stated below.

The CRZ of the trees adjacent to the house, or walls, should end at the outer edge of the building envelope or wall. This can be determined during removal of the footer adjacent to the tree during demolition of the structure.

Any trees to remain onsite or in the right-of-way should have their canopies cleared of dead wood and hazardous branches by an ISA Certified Arborist. Any work near power lines must be done by an arborist qualified to work near energized power lines.

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. All photos taken by me.



Photo 1 above is tree 1 viewed from the north. This tree appears to have been recently planted.



Photo 2 above is tree 2 viewed from the west. This tree appears to have been recently planted.



Photo 3 above is tree 3 viewed from the east. Note the powerlines in the canopy.



Photo 4 above is tree 3 viewed from the west. Note the powerlines in the canopy.



Photo 5 above is the north side of the trunk and root collar of tree 3 showing girdling roots. The orange knife is 7 inches in length.



Photo 6 above is the lowest scaffold branch on the east side of tree 3 showing significant signs of decay in the circled area.



Photo 7 above is palm 4 viewed from the south.



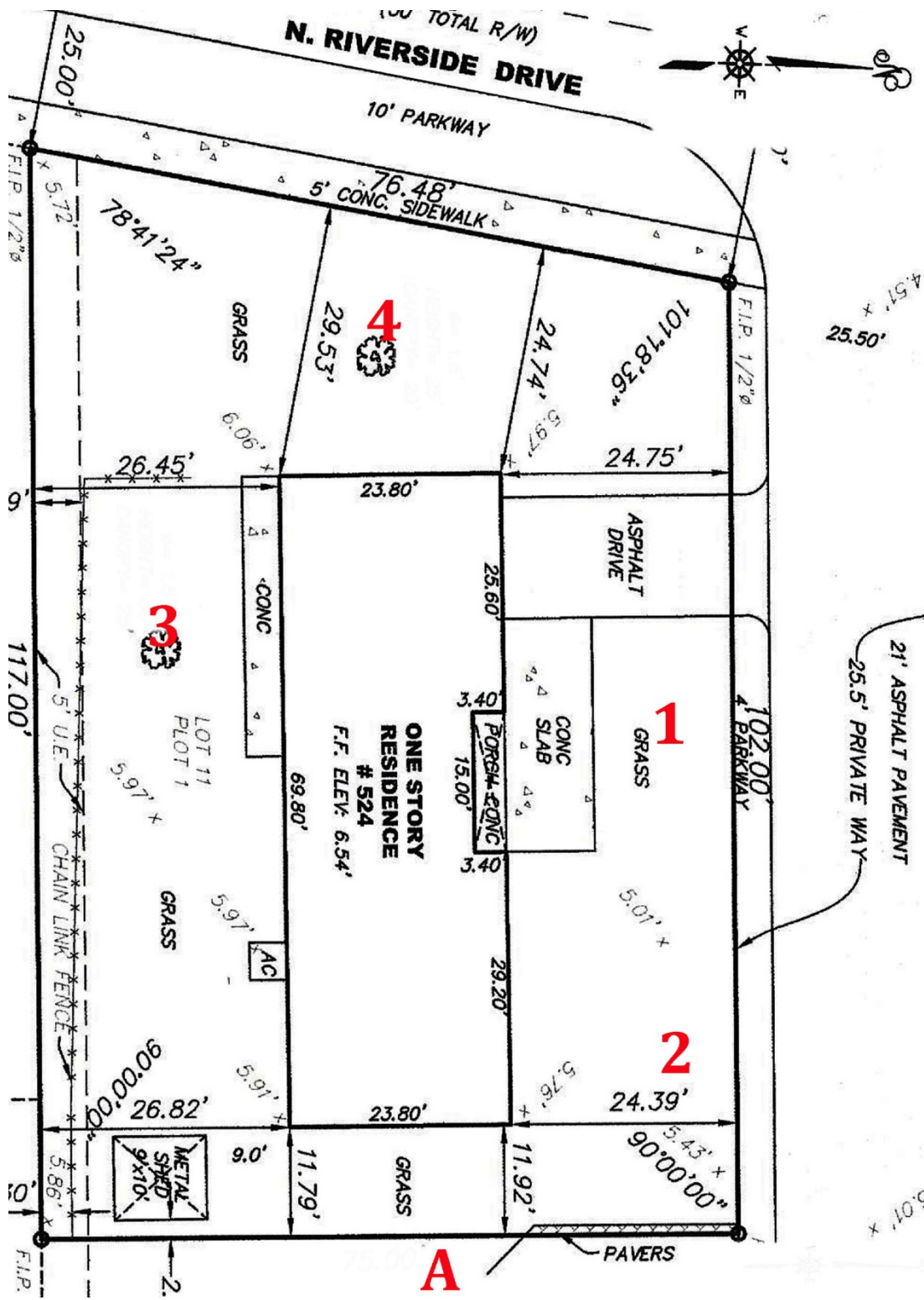
Photo 8 above is palm A which may be entirely on the adjacent property to the east.

Appendix – A – Measurements and condition rating

	Scientific name	Common name	DBH	H/Ct	Canopy	Condition	TPZ	Value
1	Conocarpus erectus	Green buttonwood	2"	13'	10'	Good	3'	\$310
2	Conocarpus erectus	Green buttonwood	3"	13'	10'	Good	3'	\$310
3	Bursera simaruba	Gumbo limbo	15"	28'	40'	Moderate	12'	\$1400
4	Cocos nucifera	Coconut palm	0	20'	30'	Good	4'	\$625
A	Roystonea regia	Royal palm	10"	9'	18'	Moderate	3'	\$800

- **TPZ is the radius of the tree protection zone. The measurement is from the outside of the trunk.**
- **The TPZs that I have assigned to the trees on this site are sufficient to maintain CRZs for these trees as well as the TPZs.**
- **The DBH measurement is rounded-off to the nearest inch.**
- **A "0" in the DBH column denotes no trunk at 4.5 feet above grade.**
- **Canopy diameter is measured in only one direction.**
- **The column "H/Ct" denotes overall height of trees and clear trunk of palms. This height is approximate.**
- **Palm A may be on the adjacent property to the east.**
- **Palms and trees 1 & 2 are appraised via Replacement Cost Method.**
- **Tree 3 was appraised via Trunk Formula Method from the 9 Edition of The Guide for Plant Appraisal.**

Appendix – B - Approximate location of trees and 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 – Critical Root Zone and Tree Protection Zone

ANSI A 300 (Part 5) – 2012 Management of Trees and Shrubs during Site Planning, Site Development and Construction

Critical Root Zone (CRZ): The minimum volume of roots necessary to have for tree health and stability.

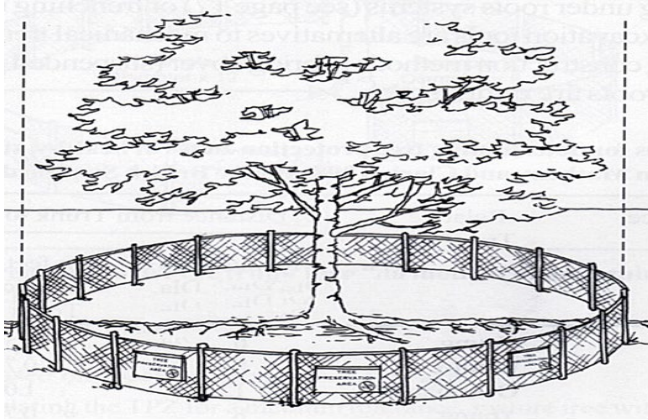
Tree Protection Zone (TPZ): The area surrounding a tree defined by a specified distance, in which excavation and other construction– related activities should be avoided. The TPZ is variable depending on species, factors, age and health of the plant, soil conditions, and proposed construction. The zone may be accomplished by physical barriers or soil protection layers or treatments.

ANSI A300 (Part 5) – 2012 54.7

A tree protection zone (TPZ) shall be delineated around all trees to be protected during a project

- **54.7.1** The area and dimensions of the TPZ should be calculated on the basis of species tolerance, age, and health, root structure, rooting depth and soil conditions.

Appendix - E – 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 – F – 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 – G - 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-five years.

Signed: *Jeff Shimonski*

Dated: December 18, 2019