



ISA ARBORIST, LLC

Report prepared for:
Giselle Valladares
1144 Milan Ave
Coral Gables, FL 33134



shawn smith
ISA Certified Arborist

Shawn Smith, #FL-10044, Principal
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Attn:

Giselle Valladares
1144 Milan Ave
Coral Gables, FL 33134

Re:

Arborist Report (Royal Poincianas)
1144 Milan Ave
Coral Gables, FL 33134

Dear Mrs. Valladares,

ISA Arborist, LLC, is pleased to submit this report, which contains the results of my findings during my onsite visit on February 24th, 2024.

The purpose of this report is to provide the results of my examination/findings and condition rating for the (3) *Delonix regias*/Royal Poincianas located at 1144 Milan Ave, Coral Gables, FL 33134, Folio 03-4107-018-2950 during my onsite visit. This property is located within Miami-Dade County. This report is not intended to be a tree risk assessment report and should not be interpreted in any manner.

This report provides details on the (3) Royal Poincianas present on the property mentioned above. It includes a numbered list of trees along with their botanical and common names, and size measurements such as diameter at breast height (DBH), height, canopy spread, and tree protection zone (TPZ) calculations. The report also evaluates the condition of each tree and rates it as Good, Moderate, or Poor.

To the best of my knowledge, I certify that all the statements of facts and information provided in this evaluation are true, complete, and accurate.

Should there be additional information or assistance needed, do not hesitate to contact me.

Sincerely,

Shawn Smith
ISA Arborist, LLC, Principal
Certified Arborist #FL-10044
LIAF Certified Landscape Inspector #2021-252



Methods:

An on-site visual inspection was conducted on February 24th, 2024. The size of the (3) Royal Poincianas were measured at diameter at breast height (DBH) - 4.5 ft above ground using a DBH tape. The canopy spread and height were estimated in feet. This report includes the measurements of the trees as well as color photographs and additional findings from my examination.

The condition rating of these trees are described as Moderate as described in ANSI A300 (Part 5)-2012: Management - Annex A-2 for an explanation of non-numeric condition ratings used herein.

Appendixes:

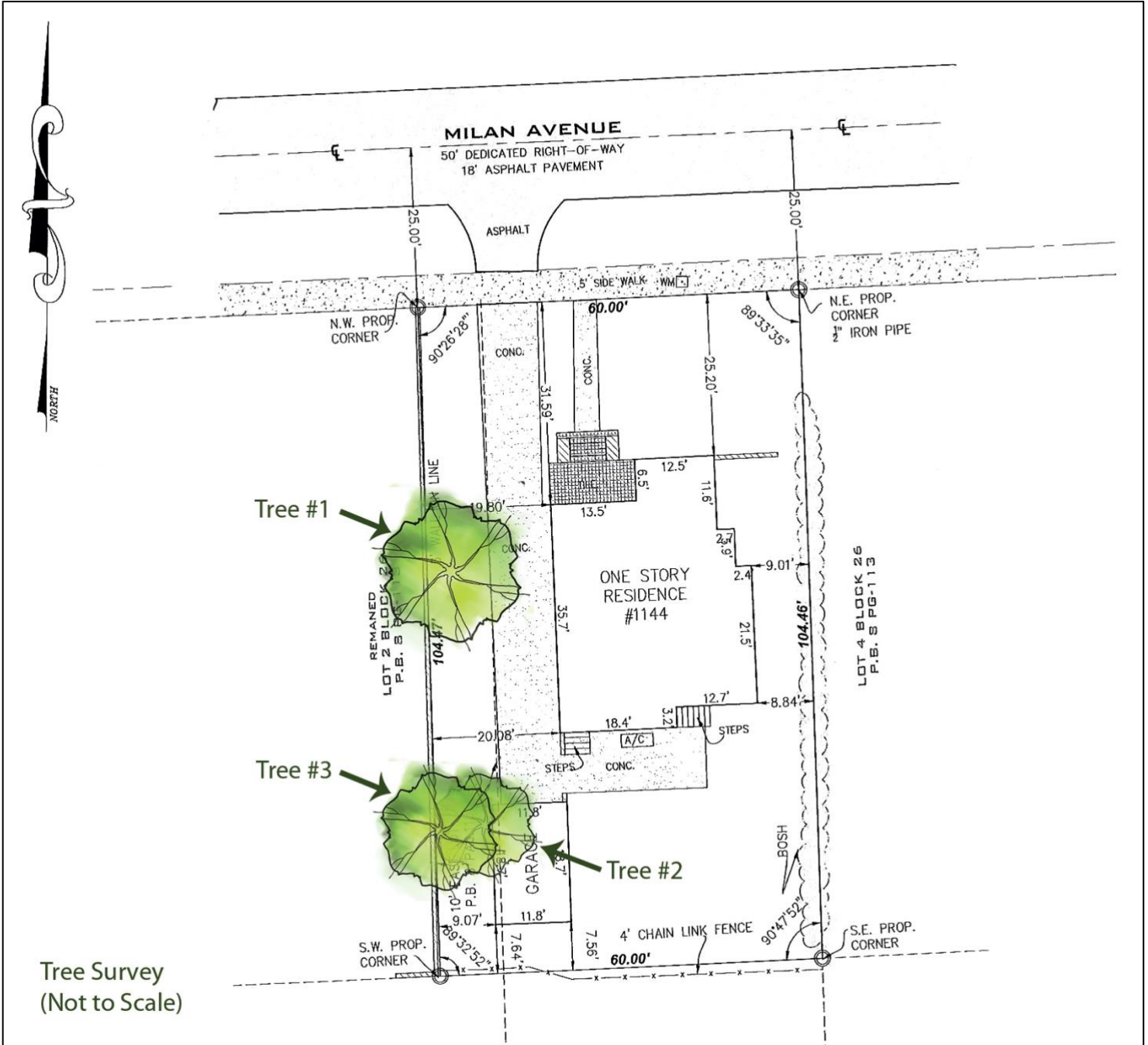
Please see Appendix A for tree location, existing tree(s) list and condition assessment.

Please see Appendix B for photographs and further notations.

Appendix A

EXISTING TREE LIST							
#	BOTANICAL NAME	COMMON NAME	DBH	HEIGHT	SPREAD	TPZ	CONDITION
1	Delonix regia	Royal Poinciana	41in	30 ft	55 ft	23 ft	Moderate
<p>Notes: Tree #1, Royal Poinciana is listed in moderate condition. The tree is located on the West side of the property approximately 2 ft from the edge of the driveway between the driveway and a concrete wall. There are a few older pruning cuts that appear to have healed over well and one pruning cut that has not healed over well on one of the lower lateral limbs on the North side of the tree. A fresh pruning cut was observed on one of the lower lateral limbs facing the house (East side of tree) that is approximately 14 inches in diameter. An additional fresh pruning cut was observed on a 6 in diameter lateral limb on the East side of tree facing house. One of the older pruning cuts facing the West that has not healed over well appears to have some termite damage. There are some dead/broken branches in the upper canopy with some decay. There are some old broken branches where water sprouts have since grown. Canopy is thin and unbalanced and predominately extending over the neighbor's property to the West. Roots are very confined between the driveway and concrete wall and have begun to lift the driveway. There is a large buttress root that extends approximately 23 ft South towards the garage and is lifting driveway at garage door entrance. Driveway appears to be at a slight angle sloping from West to East and has cracks that extend across the width of the driveway in two locations. This may be because of roots extending beneath the driveway. Concrete wall has several cracks that are most likely from roost extending beneath the wall and lifting it.</p>							
2	Delonix regia	Royal Poinciana	9.5 in 8.5 in	25-30 ft	20 ft	12 ft	Moderate
<p>Notes: Tree #2, Royal Poinciana is listed in moderate condition. The tree is located on the West side of the property up against the garage and between the garage and concrete wall. Tree has codominant leaders. One being 9.5 inches DBH and the other being 8.5 inches DBH. The tree is highly phototropic (pencil) as light is restricted in this area. Entire canopy is in the top 1/4th of the tree and is somewhat reduced in size. Roots are highly confined and one girdling root was observed. The roots of this tree are most likely extending beneath the garage floor and may also be contributing to the lifting of the driveway. There is a large amount of <i>Uncaria tomentosa</i>, (cats claw vine) approximately 10-12 ft up the trunk of the tree that should be removed.</p>							
3	Delonix regia	Royal Poinciana	13 in 14 in 4 in	25-30 ft	30 ft	14 ft	Moderate
<p>Notes: Tree #3, Royal Poinciana is listed in moderate condition. The tree is located on the West side of the property less than 1 foot from the concrete wall between the garage and concrete wall. Tree has codominant leaders. One being 13 inches DBH and the other being 14 inches DBH and a third, smaller leader at 4 inches DBH. Some bark inclusion at base of tree where codominant leaders join. The tree has an approximate 15 degree lean over the adjacent property to the West and over 75% of the canopy extends over the neighboring property. The roots are highly confined and most likely extending beneath the concrete wall causing sever cracking in several locations. There is a large amount of <i>Epipremnum aureum</i>, (golden pothos) approximately 7-8 ft up the trunk of the tree that should be removed.</p>							

Appendix A



Appendix B

Tree #1 Royal Poinciana, 41 in DBH, 30 ft height, 55 ft canopy spread.



Appendix B

Approximate 6 in DBH lateral limb pruned (photo on left). Old pruning cuts and dead branches in upper canopy (photo on left). Water sprouts forming on old broken branch extending over into adjacent property. I did not access the neighboring property for better views and photos from West to East view.



Appendix B

Thin, unbalanced canopy (photo on left). Broken lateral limb in upper canopy and areas of decay (photo on right).



Appendix B

14 in DBH lateral limb that previously extended over driveway and house that was pruned (photo on left). Additional water sprouts on lateral limb extending over adjacent property to the West from previously broken branches.



Appendix B

Dead wood on old pruning wound that did not heal over properly with some decay (photo on left). 23 ft Buttress root extended to garage (photo on right) and lifting driveway.



Appendix B

Old pruning cut that did not heal properly with area decay and evidence of termite damage (photo on left). Upper canopy with broken lateral limbs (photo on right).



Appendix B

Large buttress root lifting and causing cracking in concrete wall.



Appendix B

Crack that extends across the width of the driveway (approximately 9.5 ft wide driveway).



Appendix B

Tree #2 and #3 Royal Poincianas.

Tree #2 Royal Poincinana (tree on the left in both photos) has codominant leaders. One being 9.5 inches DBH and the other being 8.5 inches DBH.

Tree #3 Royal Poinciana (tree on right in both photos) has codominant leaders. One being 13 inches DBH and the other being 14 inches DBH and a third, smaller leader at 4 inches DBH.



Appendix B

Tree #2, The tree (photo on left) is highly phototropic (penciling) as light is restricted in this area. Entire canopy is in the top 1/4th of the tree and is somewhat reduced in size. Reduced canopy and Cat's claw vine (photo on right) that should be removed.



Appendix B

Tree #2 base of tree next to garage wall.



Appendix B

Tree #3, Tree has an approximate 15 degree lean over the adjacent property to the West and over 75% of the canopy extends over the neighboring property.



Appendix B

Tree #2, Codominant leaders with some bark inclusion where leaders join (both photos).



Appendix B

Tree #3, base of tree next to concrete wall (both photos).



Appendix B

Tree #3, Roots of tree lifting and cracking concrete wall.



GLOSSARY

ANSI - American National Standards Institute.

DBH – Diameter at Breast Height, trunk diameter at approximately 4.59’ height.

CRZ - Critical Root Zone, the minimum volume of roots necessary for tree health and stability.

TPZ – Tree Protection Zone, the area surrounding a tree defined by a specified distance, in which excavation and other construction related activities should be avoided.

TPZ varies depending on species, age and health of the plant, soil conditions, and proposed construction.

ROW – Right of way.

ARBORIST DISCLOSURE AND GENERAL LIMITATIONS

This report has been prepared by an ISA Certified Arborist and a Member of the International Society of Arboriculture. An ISA Certified Arborist is a tree specialist who utilizes their experience, knowledge, education and training to examine trees. In addition, an arborist recommends measures to improve the health and beauty of trees and attempt to reduce associated risks of living near trees.

Arborists cannot detect all conditions that might lead to structural failure of a tree. Trees are living organisms; therefore, conditions may be hidden within the tree or below the ground. An arborist cannot guarantee that a tree will be healthy or safe under all circumstances, or for a given length of time. Trees can be managed but they cannot be controlled. Living near trees is to accept some degree of risk.

The report provided is based on visual analysis at the time of the onsite inspection. This analysis is not inclusive of lab testing, aerial or subterranean inspections. It is important to note that the arborist does not hold the responsibility of discovering or identifying any hidden or non-observable risks that may be present. It is the sole responsibility of the clients to accept or disregard the recommendations provided by the arborist or seek additional advice if desired. The arborist strives to provide thorough and accurate advice to their clients, but it is the clients' decision to act on the advice received.