



5860 La Gorce Dr., Miami Beach, FL 33140

TREAGE LLC
Tree and Garden Experts

April 22, 2021

Karen Safarik
5860 La Gorce Dr.
Miami Beach, FL 33140

Dear Karen,

Enclosed please find the Certified Arborist Report for your property located at 5860 La Gorce Drive in Miami Beach conducted on February 19, 2021 by Treage LLC.

Please do not hesitate to contact me if you have any further questions or needs.

Thank you,

Alison Walker, ISA FL-9317A
Owner, Treage LLC ~ Tree and Garden Experts

5860 La Gorce Dr., Miami Beach, FL 33140



ARBORIST REPORT

5860 La Gorce Drive

Miami Beach, FL 33140



Report prepared by:

Treage LLC ~ Tree and Garden Experts
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Assignment/Overview

Treage LLC was contacted by Carlina Arronte of ArTchitecture Associates Inc. in February 2021 regarding a Certified Arborist Report for the Arronte property located at 5860 La Gorce Drive in Miami Beach.

There are 2 Black Olive trees located on the property that are proposed for removal due to construction as well as maintenance issues. Additionally, there are 5 palms and one Ficus located in the back of the property, all of which will remain, as well as one cluster of palms located on the south side of the front yard and one palm located in the right of way. New native landscaping will be installed to help mitigate for the lost canopy.

Site Visit

A site visit was conducted on February 19, 2021. A Level 2 visual inspection of all trees was conducted and documented with photographs. Measurements of DBH, height, and canopy were taken and recorded, and the condition of each tree was noted. Tree measurements were taken as follows: DBH was recorded with a metal Spencer ProTape; height and canopy were estimated from the ground, or with a Stanley Power Lock metal tape when necessary; and overall condition was done by visual inspection from ground level. Critical Root Zone (CRZ) and Tree Protection Zone (TPZ) were determined based on ANSI A-300 Standards for the *Management of Trees and Shrubs During Site Planning, Site Development and Site Construction*. Trees were numbered and tagged with an Impress-o-tag metal label at approximately 5-6' on the trunk.

Disposition Chart

5860 La Gorce Drive, Miami Beach										
No.	BOTANICAL NAME	COMMON NAME	DBH (inch)	HEIGHT (ft)	SPREAD (ft)	Condition	CRZ (ft)	TPZ (ft)	Disposition	Notes
1	<i>Bucida buceras</i>	Black Olive	23	50	45	Fair-good	NA	NA	Remove	
2	<i>Bucida buceras</i>	Black Olive	25	45	45	Fair-good	NA	NA	Remove	
3	<i>Cocos nucifera</i>	Coconut	10	50	15	Fair-good	3	3	Remain	
4	<i>Cocos nucifera</i>	Coconut	11	50	15	Fair-good	3	3	Remain	
5	<i>Ficus benjamina</i>	Weeping Fig	~15	25	25	Fair -poor	5	5	Remain	
6	<i>Cocos nucifera</i>	Coconut	7	35	15	Fair	3	3	Remain	
7	<i>Ptychosperma elegans</i>	Solitaire Palm	4	25	6	Good	3	3	Remain	
8	<i>Ptychosperma elegans</i>	Solitaire Palm	4	25	6	Good	3	3	Remain	
9	<i>Ptychosperma elegans</i>	Solitaire Palm	5	30	6	Good	3	3	Remain	
10	<i>Ptychosperma elegans</i>	Solitaire Palm	2-3 ea	12-18'	10	Fair	3	3	Remain	cluster of 8; 6 are >15'

Observations and Photographs

Tree #1– *Bucida buceras*, Black Olive – this tree is located in the front yard on the south side of the property. It is in fair to good condition with no significant defects other than a minimal deadwood, crossing branches, and a constricted canopy on the north side of the tree. It is proposed for removal due to a 561 sq ft. addition in the front of the residence on the south side. The trunk of the tree is currently less than 15' from the existing foundation, which will be extended by approximately 15'. This tree has presented some maintenance issues in the past, and the potential of future damage to the pipes/septic system and foundation of the house is of concern to the property owners. This tree is proposed for removal, and its mitigation will be covered by the installation of more appropriate native trees.



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Tree #2 – *Bucida buceras*, Black Olive – this tree is located on the north side of the front yard. It is in fair to good condition with no significant defects other than a somewhat sparse canopy on the south side of the tree due to its proximity due to Tree #1. This tree is proposed for removal due to a 157 sq ft. addition in the front of the residence which will further reduce the current distance of 14' between the tree and foundation of the house. This tree is also of concern to the owners due to its aggressive root system and messy canopy, so they would like to remove it and replace it with a more appropriate native tree.



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Tree #3 – *Cocos nucifera*, Coconut – this palm is located on the south side of the backyard/pool area. It is not near the work area nor any access route to the work area, so it will not be impacted by construction activities. This tree will remain.

Tree #4 – *Cocos nucifera*, Coconut – this palm is located on the north side of the backyard/pool area. It is not near the work area nor any access route to the work area, so it will not be impacted by construction activities. This tree will remain.



Tree #5 – *Ficus benjamina*, Weeping Fig – this tree is located on the west end of an existing Ficus hedge in the back yard. It is overgrown and leaning with the majority of the canopy extending over the property line onto the neighboring golf course. There is some deadwood and decay present. This tree will not be impacted by any construction activities or access, and is currently intended to remain.



Tree #6 – *Cocos nucifera*, Coconut – this palm is located in the ROW just outside of the northeast corner of the property. It is in close proximity to Trees #1 and #2 and may require protection during their removal. See protection measures below.



Tree #7 – *Ptychosperma elegans*, Solitaire Palm – this is the easternmost of 3 palms located just outside of the fence at the property line on the north side of the backyard. It is not near the work area nor any access route to the work area, so it will not be impacted by construction activities. This tree will remain.

Tree #8 – *Ptychosperma elegans*, Solitaire Palm – this is the middle of 3 palms located just outside of the fence at the property line on the north side of the backyard. It is not near the work area nor any access route to the work area, so it will not be impacted by construction activities. This tree will remain.

Tree #9 – *Ptychosperma elegans*, Solitaire Palm – this is the westernmost of 3 palms located just outside of the fence at the property line on the north side of the backyard. It is not near the work area nor any access route to the work area, so it will not be impacted by construction activities. This tree will remain.



Tree #10 – *Ptychosperma elegans*, Solitaire Palm – there is a cluster of 8 Solitaire palms growing on the south side of the front yard, 6 of which are over the size requiring regulation. These palms are in proximity of the work area but will remain and will require protection during construction.



Summary

There are 2 Black Olives in the front yard of the property that are proposed for removal due to a small addition as well as maintenance issues/concerns. All other trees onsite will remain. There is one cluster of Solitaire Palms on the south side of the front yard that will require protection during construction, as well as one Coconut palm in the right of way that may require construction during removal of the Black Olives. Native landscaping will be installed to completely or partially mitigate for the lost canopy.

Tree Protection Measures

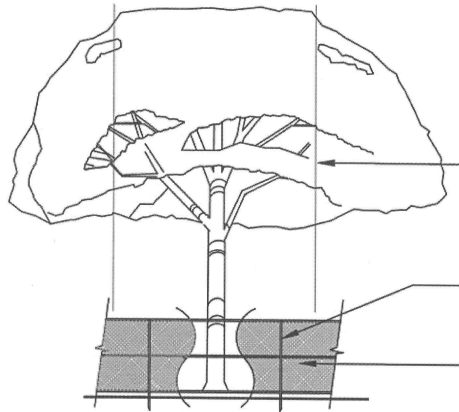
All trees within the work area must be protected during all phases of development per ANSI A-300 (Part 5): Standard Practices (Management of Trees and Shrubs During Site Planning, Site Development, and Construction).

Protection measures for this project include: 1) establishing Tree Protection Zones (TPZ) with proper fencing and signage (see Tree Protection Detail below) 2) protecting the Critical Root Zone (CRZ) with a temporary application of 6" of mulch to reduce soil compaction and potential root damage, 3) avoiding cutting any roots within 15-30 cm of the root initiation zone and 4) ensuring that no grade changes or storage or disposal of harmful substances occur in the Tree Protection Zone.

Additional details on protection during construction can be found in the ANSI A-300 standards referenced above, or by further consultation and oversight of construction activities by a certified arborist. See Tree Protection Detail on following page.

TREE / PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES / PALMS THAT ARE 'TO REMAIN, BE PROTECTED, or BE RELOCATED'

NO ACTIVITY OR DISTURBANCE SHOULD OCCUR WITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC.



In no case shall the fence be installed less than ten feet from the trunk

Tree + Palm protection barriers to extend beyond the 'dripline' or to the 'critical root zone area' of all trees/palms to be protected. Extend where necessary to protect tree canopy roots

In-ground metal posts at eight-foot spacing, or of two-by-four-inch posts with three equally spaced two-by-four-inch rails. With a minimum of four foot height.

PROTECTION DETAIL NOTE

CONTRACTOR TO INSTALL 'TREE / PALM PROTECTION FENCE BARRIERS' AROUND ALL EXISTING TREES OR PALMS AT THE START OF THE PROJECT. BARRIERS TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT AND SHOULD NOT BE REMOVED OR DROPPED FOR ANY REASON WITHOUT AUTHORIZATION FROM THE CITY OF MIAMI BEACH URBAN FORESTER + PLANNING + ZONING DEPARTMENT

C.M.B. TREE / PALM PROTEC. DETAIL

Please do not hesitate to contact me with any further questions.

Thank you,

A handwritten signature in blue ink, appearing to read 'Alison Walker'.

Alison Walker, ISA FL-9317A
Owner, Treage LLC ~ Tree and Garden Experts