



Greenspace Strategies  
Landscape Architecture

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July 7, 2021

**City of Miami Beach**  
**Environment and Sustainability Department**  
1700 Convention Center Dr.  
Miami Beach, FL 33139

**Re: Arborist Report – 1554 W 25<sup>th</sup> Street, Miami Beach**

Dear Building Official:

On Friday June 11<sup>th</sup>, 2021, I visited the above-referenced site address to verify and inspect the existing trees to understand their impact on a new residential building.

During the site visit, I photo documented and verified the location of the existing trees being impacted by the proposed building prepared by Roy and Posey Architect, as well as the existing trees within the R.O.W. I verified and measured the trunk diameter at breast height (DBH) in inches, overall height, and crown spread and evaluated the tree’s general condition (GOOD, FAIR, POOR) and its current a future disposition. In addition, I am recommending the following guidelines to protect the existing trees to remain during construction to mitigate impacts to the root system based on the proximity to the proposed building.

Please find the below descriptions, tree photographs, and supporting documentation of the subject tree.

Tree No.	Scientific Name Common Name	DBH/CAL (inches)	HT. (feet)	Canopy (feet)	CRZ/ TPZ (Feet)	Condition/Action/Justification
1	<i>Roystonea regia</i> Royal Palm	18	35	20	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE OVERALL HEIGHT IS A MAINTENCE PROBLEM AND FALLING FRONDS ARE POTENTIALLY HAZARDOUS
2	<i>Phoenix canariensis</i> Canary Island Date Palm	24	35	15	CRZ = 15 TPZ = 16	<b>FAIR/ REMAIN /</b> THE PALM IS WITHIN THE ROW AND IS NOT IN CONFLICT WITH PROPOSED IMPROVEMENTS

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3	<i>Roystonea regia</i> Royal Palm	20	35	15	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE OVERALL HEIGHT IS A MAINTENCE PROBLEM AND FALLING FRONDS ARE POTENTIALLY HAZARDOUS
4	<i>Cocos nucifera</i> Coconut Palm	8	16	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
5	<i>Cocos nucifera</i> Coconut Palm	10	30	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
6	<i>Cocos nucifera</i> Coconut Palm	8	25	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
7	<i>Livistona chinensis</i> Chinese Fan Palm	8	18	12	CRZ = TPZ =	<b>FAIR/ REMOVE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
7A	<i>Cocos nucifera</i> Coconut Palm	10	45	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
8	<i>Cocos nucifera</i> Coconut Palm	8	25	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
9	<i>Cocos nucifera</i> Coconut Palm	6	10	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
10	<i>Cocos nucifera</i> Coconut Palm	10	25	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
11	<i>Cocos nucifera</i> Coconut Palm	8	30	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
12	<i>Cocos nucifera</i> Coconut Palm	8	16	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
13	<i>Cocos nucifera</i> Coconut Palm	7	25	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
14	<i>Cocos nucifera</i> Coconut Palm	7	25	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
15	<i>Ficus benjamina</i> Weeping Fig	25	25	25	CRZ = TPZ =	<b>POOR/ REMOVE /</b> THIS TREE WAS PLANTED AS A HEDGE AND HAS BECOME OVERGROWN DUE TO LACK OF MAINTENANCE. THIS TREE IS CURRENTLY LISTED AS A PROHIBITED SPECIES BY MIAMI-DADE COUNTY

Tree No.	Scientific Name Common Name	DBH/CAL (inches)	HT. (feet)	Canopy (feet)	CRZ/ TPZ (Feet)	Condition/Action/Justification
16	<i>Roystonea regia</i> Royal Palm	18	50	20	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE OVERALL HEIGHT IS A MAINTENCE PROBLEM AND FALLING FRONDS ARE POTENTIALLY HAZARDOUS. IN ADDITION, THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
17	<i>Roystonea regia</i> Royal Palm	16	50	20	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
18	<i>Roystonea regia</i> Royal Palm	8	16	10	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
19	<i>Cocos nucifera</i> Coconut Palm	11	35	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
20	<i>Roystonea regia</i> Royal Palm	20	50	15	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
21	<i>Roystonea regia</i> Royal Palm	20	50	15	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
22	<i>Roystonea regia</i> Royal Palm	18	50	15	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
23	<i>Roystonea regia</i> Royal Palm	16	50	15	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
24	<i>Roystonea regia</i> Royal Palm	16	50	15	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
25	<i>Roystonea regia</i> Royal Palm	16	55	15	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
26	<i>Mangifera indica</i> Mango	10	20	20	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
27	<i>Cocos nucifera</i> Coconut Palm	9	25	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
28	<i>Cocos nucifera</i> Coconut Palm	6	20	12	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
29	<i>Cocos nucifera</i> Coconut Palm	7	16	15	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
30	<i>Cocos nucifera</i> Coconut Palm	8	20	15	CRZ = TPZ =	<b>GOOD/ RELOCATE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
31	<i>Adonidia merrillii</i> Christmas Palm	Cluster	16	8	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.

Tree No.	Scientific Name Common Name	DBH/CAL (inches)	HT. (feet)	Canopy (feet)	CRZ/ TPZ (Feet)	Condition/Action/Justification
32	<i>Adonidia merrillii</i> Christmas Palm	Cluster	16	8	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
34	<i>Adonidia merrillii</i> Christmas Palm	Triple	22	8	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
35	<i>Adonidia merrillii</i> Christmas Palm	Triple	20	8	CRZ = TPZ =	<b>GOOD/ REMOVE /</b> THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.

**Tree Protection and Root System Impact Mitigation Recommendations for Existing Trees to Remain**

- For hardwood trees, establish a “Critical Root Zone (CRZ) distance based on one foot for every foot of trunk diameter.
- For hardwood trees, establish a “Tree Protection Zone (TPZ) distance one foot beyond the CRZ.
- Adjust the TPZ based on exiting site conditions, driveway, walls, gates, etc. and construction access as needed.
- Limit heavy construction access from around the tree.
- Apply a 4” to 6” layer of mulch for construction access outside of TPZ.
- Do not store or dump any materials within the TPZ.
- For relocated or existing palms to remain install a tree protection fence no less than 6’ from the trunk.

If you have any questions concerning the above information, please feel free to contact my office.

Sincerely,



Charles M. Atkins PLA, ISA Arborist  
Principal Landscape Architect LA6667197, FL-6280A