



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 25th Street, Miami Beach

Dear Building Official:

On Friday June 11th, 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 =	GOOD/ REMOVE / 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	FAIR/ REMAIN / THE PALM IS WITHIN THE ROW AND IS NOT IN CONFLICT WITH PROPOSED IMPROVEMENTS

Tree No.	Scientific Name Common Name	DBH/CAL (inches)	HT. (feet)	Canopy (feet)	CRZ/ TPZ (Feet)	Condition/Action/Justification
3	<i>Roystonea regia</i> Royal Palm	20	35	15	CRZ = TPZ =	GOOD/ REMOVE / 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 =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
5	<i>Cocos nucifera</i> Coconut Palm	10	30	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
6	<i>Cocos nucifera</i> Coconut Palm	8	25	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
7	<i>Livistona chinensis</i> Chinese Fan Palm	8	18	12	CRZ = TPZ =	FAIR/ REMOVE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
7A	<i>Cocos nucifera</i> Coconut Palm	10	45	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
8	<i>Cocos nucifera</i> Coconut Palm	8	25	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
9	<i>Cocos nucifera</i> Coconut Palm	6	10	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
10	<i>Cocos nucifera</i> Coconut Palm	10	25	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
11	<i>Cocos nucifera</i> Coconut Palm	8	30	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
12	<i>Cocos nucifera</i> Coconut Palm	8	16	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
13	<i>Cocos nucifera</i> Coconut Palm	7	25	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
14	<i>Cocos nucifera</i> Coconut Palm	7	25	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
15	<i>Ficus benjamina</i> Weeping Fig	25	25	25	CRZ = TPZ =	POOR/ REMOVE / 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 =	GOOD/ REMOVE / 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 =	GOOD/ REMOVE / THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
18	<i>Roystonea regia</i> Royal Palm	8	16	10	CRZ = TPZ =	GOOD/ REMOVE / THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
19	<i>Cocos nucifera</i> Coconut Palm	11	35	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
20	<i>Roystonea regia</i> Royal Palm	20	50	15	CRZ = TPZ =	GOOD/ REMOVE / THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
21	<i>Roystonea regia</i> Royal Palm	20	50	15	CRZ = TPZ =	GOOD/ REMOVE / THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
22	<i>Roystonea regia</i> Royal Palm	18	50	15	CRZ = TPZ =	GOOD/ REMOVE / THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
23	<i>Roystonea regia</i> Royal Palm	16	50	15	CRZ = TPZ =	GOOD/ REMOVE / THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
24	<i>Roystonea regia</i> Royal Palm	16	50	15	CRZ = TPZ =	GOOD/ REMOVE / THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
25	<i>Roystonea regia</i> Royal Palm	16	55	15	CRZ = TPZ =	GOOD/ REMOVE / THE PALM IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
26	<i>Mangifera indica</i> Mango	10	20	20	CRZ = TPZ =	GOOD/ REMOVE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
27	<i>Cocos nucifera</i> Coconut Palm	9	25	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
28	<i>Cocos nucifera</i> Coconut Palm	6	20	12	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
29	<i>Cocos nucifera</i> Coconut Palm	7	16	15	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
30	<i>Cocos nucifera</i> Coconut Palm	8	20	15	CRZ = TPZ =	GOOD/ RELOCATE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
31	<i>Adonidia merrillii</i> Christmas Palm	Cluster	16	8	CRZ = TPZ =	GOOD/ REMOVE / 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 =	GOOD/ REMOVE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
34	<i>Adonidia merrillii</i> Christmas Palm	Triple	22	8	CRZ = TPZ =	GOOD/ REMOVE / THE TREE IS IN CONFLICT WITH PROPOSED IMPROVEMENTS.
35	<i>Adonidia merrillii</i> Christmas Palm	Triple	20	8	CRZ = TPZ =	GOOD/ REMOVE / 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*

S 180 SW 240 W 270 300

236°SW (T) 25°48'4"N, 80°8'38"W ±13ft ▲ 23ft



NE 30 60 90 120 150 SE

94°E (T) 25°48'4"N, 80°8'38"W ±13ft ▲ 12ft



CN 485 FUN HOUSE 11 Jun 2021, 10:29:45

SE 150 S 180 SW 210 240

194°S (T) 25°48'4"N, 80°8'37"W ±9ft ▲ 25ft



NE 60 90 120 150 SE 180

109°E (T) 25°48'4"N, 80°8'38"W ±9ft ▲ 3ft



CN 6 FUN HOUSE 11 Jun 2021, 10:34:02

NE E SE
30 60 90 120 150

84°E (T) 25°48'4"N, 80°8'38"W ±9ft ▲ 26ft



LC FUN HOUSE 11 Jun 2021, 10:37:29

NW N NE
300 330 0 30

348°N (T) 25°48'3"N, 80°8'38"W ±13ft ▲ 32ft



CN FUN HOUSE 7A 11 Jun 2021, 10:38:10

E SE S
90 120 150 180

134°SE (T) 25°48'4"N, 80°8'38"W ±9ft ▲ 29ft



CN FUN HOUSE 889 11 Jun 2021, 10:40:40

SW W NW
240 270 300 330

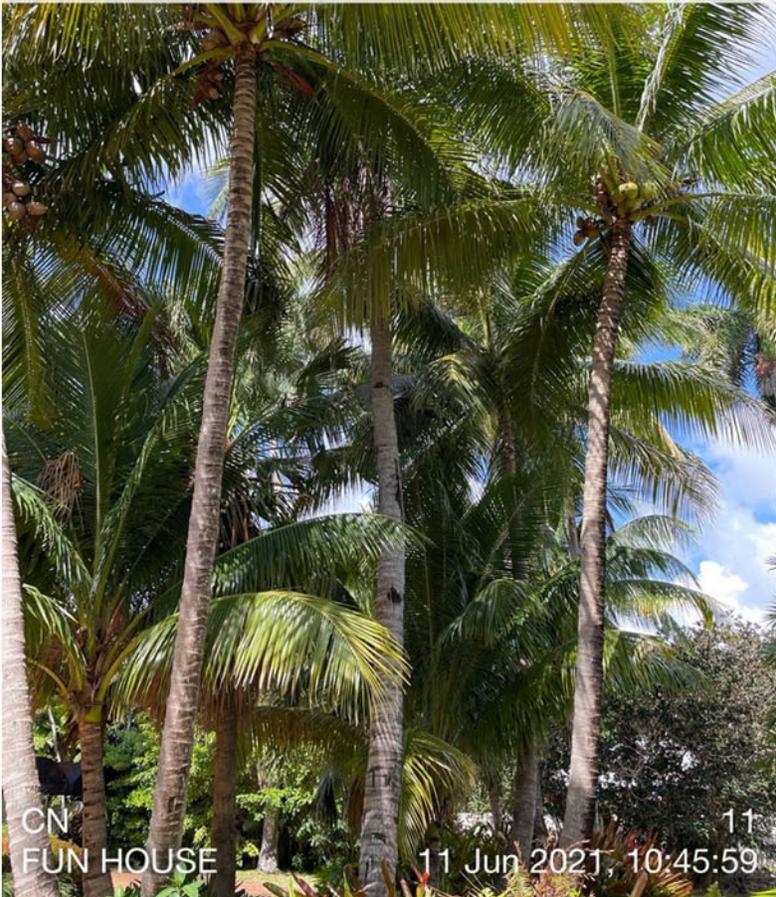
288°W (T) 25°48'4"N, 80°8'37"W ±9ft ▲ 25ft



CN FUN HOUSE 10 11 Jun 2021, 10:45:25

S 180 SW 210 240 W 270 300 N

244°SW (T) 25°48'4"N, 80°8'37"W ±13ft ▲ 36ft



CN FUN HOUSE 11 Jun 2021, 10:45:59

240 W 270 300 NW 330 N 0

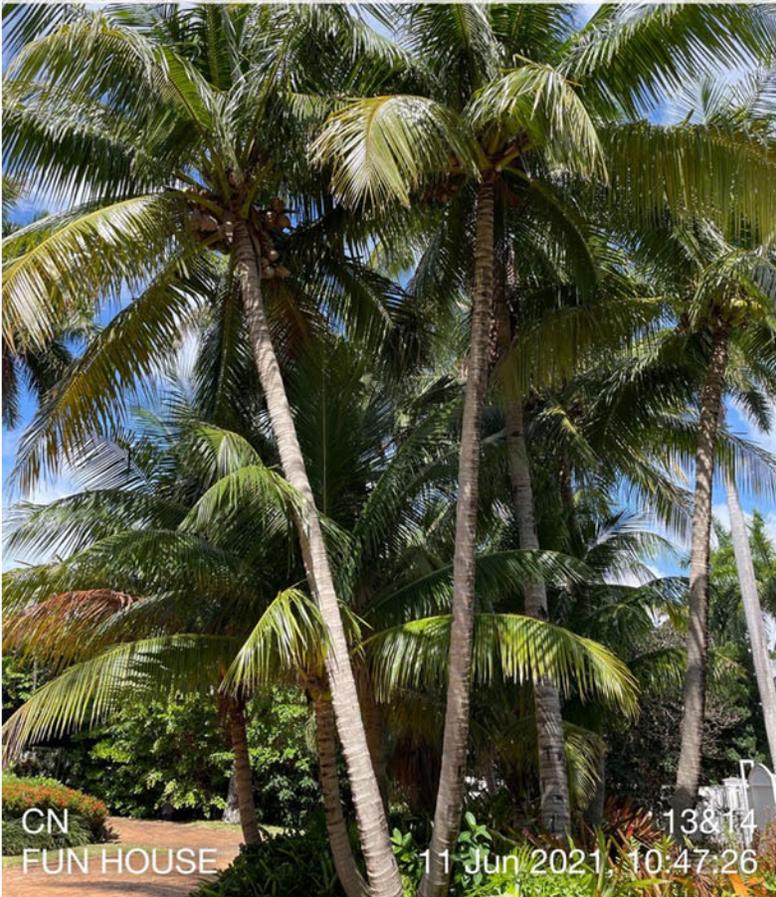
308°NW (T) 25°48'3"N, 80°8'37"W ±9ft ▲ 21ft



CN FUN HOUSE 11 Jun 2021, 10:50:45

210 SW 240 W 270 300 NW

254°W (T) 25°48'4"N, 80°8'37"W ±9ft ▲ 29ft



CN FUN HOUSE 11 Jun 2021, 10:47:26

N 0 NE 30 60 E 90 120 S

64°NE (T) 25°48'4"N, 80°8'37"W ±13ft ▲ 15ft



LV FUN HOUSE 11 Jun 2021, 10:54:08

W NW N
240 270 300 330 0

☀ 305°NW (T) ☉ 25°48'3"N, 80°8'38"W ±9ft ▲ 12ft



FB FUN HOUSE 15
11 Jun 2021, 10:57:13

SW W NW
210 240 270 300 3

☀ 257°W (T) ☉ 25°48'3"N, 80°8'37"W ±9ft ▲ 10ft



RE FUN HOUSE 16&17
11 Jun 2021, 10:59:38

SE S SW
120 150 180 210 240

☀ 188°S (T) ☉ 25°48'4"N, 80°8'37"W ±9ft ▲ 22ft



RE FUN HOUSE 18
11 Jun 2021, 11:05:21

NE E SE
30 60 90 120 150

☀ 83°E (T) ☉ 25°48'4"N, 80°8'37"W ±13ft ▲ 15ft



CN FUN HOUSE 19
11 Jun 2021, 11:06:04

S 180 SW 210 240 W 270 300

☉ 232°SW (T) ☉ 25°48'3"N, 80°8'37"W ±9ft ▲ 22ft



RE FUN HOUSE 20&21 11 Jun 2021, 11:07:19

1554 W 25th St Miami Beach FL

☉ 207°SW (T) ☉ 25°48'3"N, 80°8'37"W ±13ft ▲ 12ft



RE FUN HOUSE 22 11 Jun 2021, 11:08:21

1554 W 25th St Miami Beach FL

☉ 177°S (T) ☉ 25°48'3"N, 80°8'37"W ±13ft ▲ 13ft



RE FUN HOUSE 23&24 11 Jun 2021, 11:08:52

1554 W 25th St Miami Beach FL

☉ 162°S (T) ☉ 25°48'3"N, 80°8'37"W ±13ft ▲ 26ft



RE FUN HOUSE 25 11 Jun 2021, 11:10:55

1554 W 25th St Miami Beach FL

☉ 142°SE (T) ☉ 25°48'3"N, 80°8'37"W ±9ft ▲ 31ft



MI
FUN HOUSE

26
11 Jun 2021, 11:12:57

1554 W 25th St Miami Beach FL

☉ 172°S (T) ☉ 25°48'2"N, 80°8'37"W ±13ft ▲ 14ft



CN
FUN HOUSE

27
11 Jun 2021, 11:18:48

1554 W 25th St Miami Beach FL

☉ 150°SE (T) ☉ 25°48'2"N, 80°8'37"W ±13ft ▲ 11ft



CN
FUN HOUSE

28
11 Jun 2021, 11:20:01

1554 W 25th St Miami Beach FL

☉ 201°S (T) ☉ 25°48'2"N, 80°8'38"W ±9ft ▲ 15ft



CN
FUN HOUSE

29&30
11 Jun 2021, 11:21:54

1554 W 25th St Miami Beach FL

☉ 110°E (T) ● 25°48'2"N, 80°8'37"W ±9ft ▲ 13ft



AM FUN HOUSE 31 11 Jun 2021, 11:25:06

1554 W 25th St Miami Beach FL

☉ 131°SE (T) ● 25°48'2"N, 80°8'37"W ±13ft ▲ 10ft



AM FUN HOUSE 32 11 Jun 2021, 11:25:55

1554 W 25th St Miami Beach FL

☉ 231°SW (T) ● 25°48'3"N, 80°8'38"W ±13ft ▲ 23ft



AM FUN HOUSE 34&35 11 Jun 2021, 11:31:01