

Tree Species: Tropical Almond (*Terminalia catappa*)

Tree #20:





Diameter: $36.9'' - 24'' = 12.9''$

Location: 80%

Species: 0% (on not protected tree list)

Condition: 40% (poor condition, multiple trunks, decay in canopy)

Total Average Value = 40%

Value x Diameter = 5.1 replacement caliper inches

Tree #34:







Diameter: $28.9'' - 24'' = 4.9''$

Location: 80%

Species: 0% (on not protected tree list)

Condition: 40% (poor structure, decay in base and main trunks)

Total Average Value = 40%

Value x Diameter = 1.9 replacement caliper inches

Tree Species: Bottlebrush tree (Callistemon sp.)

Tree#22a:







Diameter: 37.8"

Location: 80%

Species: 50% (not on protected or not protected tree list)

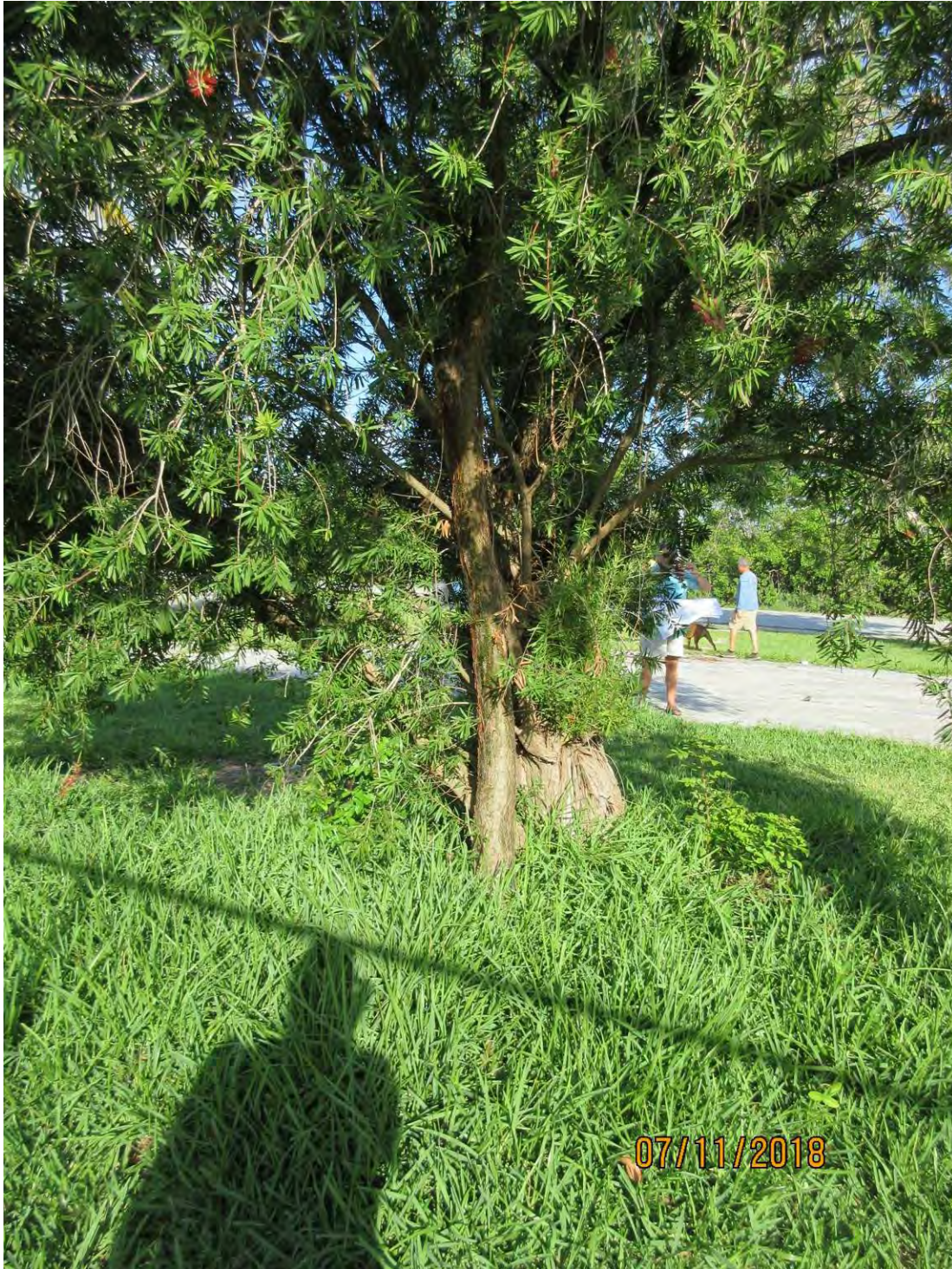
Condition: 50% (poor structure, fair health)

Total Average Value = 60%

Value x Diameter = 22.6 replacement caliper inches

Tree Species: Gumbo Limbo (Bursera simaruba)

Tree#22b:



Diameter: 5"

Location: 60% (growing in root system of bottlebrush)

Species: 100% (on protected tree list)

Condition: 50% (fair, canopy impacted by bottlebrush tree)

Total Average Value = 70%

Value x Diameter = 3.5 replacement caliper inches

Tree Species: Pink Tabebuia (*Tabebuia heterophylla*)

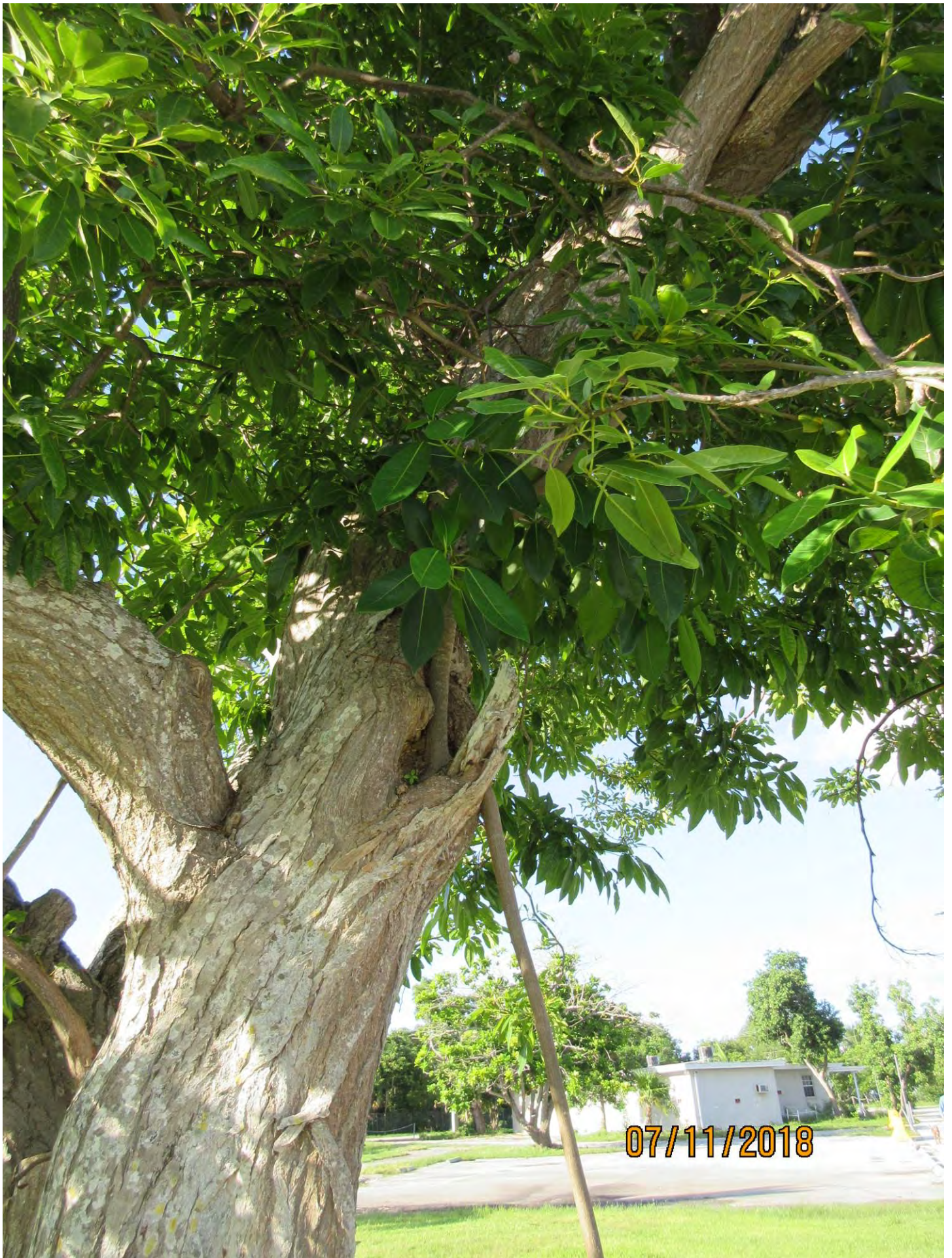
Tree#24:







07/11/2018



07/11/2018



Diameter: $26.7'' - 24'' = 2.7''$

Location: 80%

Species: 0% (on not protected tree list)

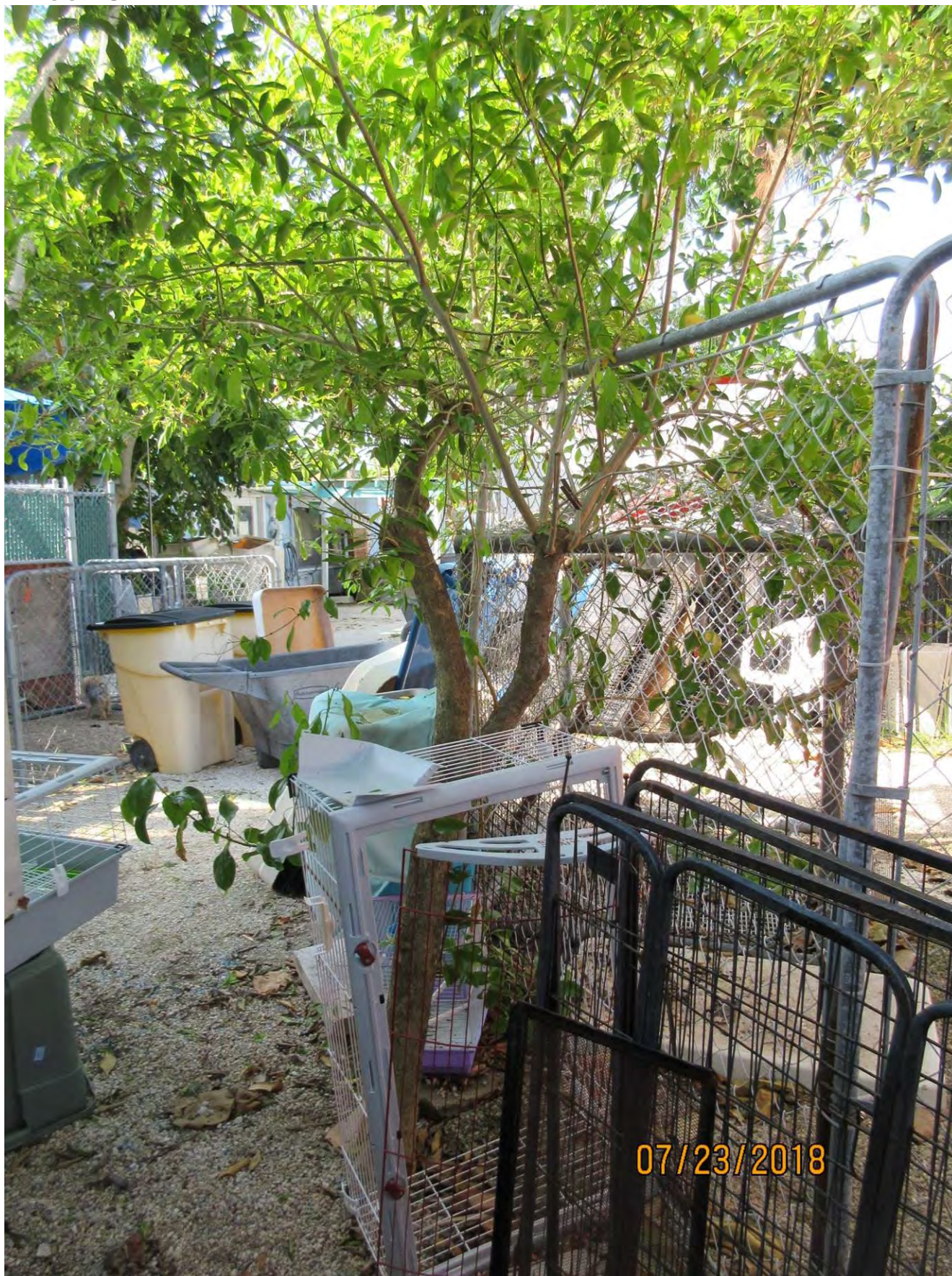
Condition: 50% (fair to poor, main trunk has decay-strangler fig growing out of decay spot)

Total Average Value = 43%

Value x Diameter = 1.1 replacement caliper inches

Tree Species: Fiddlewood (*Citharexylum fruticosum*)

Tree#37:







Diameter: 5.7"

Location: 60% (close to interior fence)

Species: 100% (on protected tree list)

Condition: 60% (fair-canopy branches appeared to have been topped-regrowth)

Total Average Value = 73%

Value x Diameter = 4.1 replacement caliper inches

Tree Species: *Jatropha* (*Jatropha* sp.)

Tree#44:





Diameter: 7.6'''

Location: 80%

Species: 50% (not on protected or not protected tree list)

Condition: 40% (main trunk damaged-cracked)

Total Average Value = 56%

Value x Diameter = 4.2 replacement caliper inches

Tree Species: Jamaican Caper (*Capparis cynophallophora*)
Tree #9d:



Diameter: 20"

Location: 80% (growing near utility structure)

Species: 100% (on protected tree list)

Condition: 50% (overgrown shrub/hedge)

Total Average Value = 76%

Value x Diameter = 15.2 replacement caliper inches

At this time, the City of Key West is requesting approval to remove the above listed trees in order to proceed with demolition of existing structures (SPCA, Easter Seals, and Mosquito Control) on the property and to clean and prepare the property for future development of an affordable housing project. All trees to be transplanted or to remain will be protected during demolition.

A total of 25 regulated trees are requesting to be removed from the 2.66 acre site requiring a total of 201.6 replacement caliper inches to be planted on site and incorporated into the future landscape plan.

Additionally, (4) Thatch palm root balls will be transplanted and (3) Coconut Palms, (1) Royal Palm, and (1) Alexander palm rootball will be removed (Staff Approvals).

See attached tree disposition list for information regarding other trees and palms on the property.

The City of Key West has submitted plans to the Planning Department for Major Development Plan approval. The project will be reviewed at DRC (Development Review Committee) on April 25, 2019. A Conceptual Landscape Plan review will be submitted to the Tree Commission for review at the May 9, 2019 meeting.

Tree #	Common Name	Scientific Name	TC Status	Size	Project Status	Condition
1	Pink Tabebuia	<i>Tabebuia heterophylla</i>	NPR	18.1" dbh	Remove-NPR	Good, double trunk, along ROW
2	Silver Buttonwood	<i>Conocarpus erectus</i>	Protected	19.1" dbh	Remove-TC	Fair, low multitrunked
3	Pink Tabebuia	<i>Tabebuia heterophylla</i>	NPR	1.5" dbh	Remove-NPR	Good
4	Coconut Palm	<i>Cocos nucifera</i>	Protected	10 ft tall	Remove-TC	very close to building, transplant?
5	Jamaican Dogwood	<i>Piscidia piscipula</i>	Protected	3.5" dbh	Remove-TC	Poor
6	Mahogany	<i>Swietenia mahogany</i>	Protected	29.2" dbh	Remain	Good
7a	African Tulip Clump	<i>Spathodea campanulata</i>	Regulated	22.6" dbh	Remove-TC	Fair-4 trunks in one rootball with Mahogany #7b-Canopy in utility lines growing in African Tulip rootball-clump
7b	Mahogany	<i>Swietenia mahogany</i>	Protected	5" dbh	Remove-TC	#7a-canopy in utility lines
7c	Thatch Palm Clump	<i>Thrinax sp.</i>	Protected		Transplant	3 trunks
7d	Thatch Palm	<i>Thrinax sp.</i>	Protected		Transplant	1 trunk
7e	African Tulip	<i>Spathodea campanulata</i>	Regulated	6.3" dbh	Remove-TC	Fair to poor
8a	Jamaican Dogwood	<i>Piscidia piscipula</i>	Protected	21.9" dbh	Remove-TC	Poor
8b	Brazilian Pepper	<i>Schinus terebinthifolia</i>	NPR	20.7" dbh	Remove-NPR	Invasive
8c	Mahogany	<i>Swietenia mahogany</i>	Protected	20.7" dbh	Remove-TC	Poor-growing in Jamaican Dogwood and Brazilian pepper rootballs
9a	Silver Buttonwood Clump	<i>Conocarpus erectus</i>	Protected	7" dbh	Remove-TC	Poor-Multi trunked, overgrown shrub
9b	Silver Buttonwood Clump	<i>Conocarpus erectus</i>	Protected	9.5" dbh	Remove-TC	Poor-Multi trunked, overgrown shrub
9c	Silver Buttonwood Clump	<i>Conocarpus erectus</i>	Protected	16" dbh	Remove-TC	Poor-Multi trunked, overgrown shrub
9d	Jamaica Caper	<i>Capparis cynophallophora</i>	Protected	20" dbh	Remove-TC	Fair-multi trunked large overground hedge
10a	Thatch Palm Clump	<i>Thrinax sp.</i>	Protected		Remain	Good-in corner, out of proposed work area

10b	Blolly	<i>Guapira discolor</i>	Protected		Remain	Good-in corner, out of proposed work area
11a	Alexander Palm	<i>Archonyophoenix alexandrae</i>	Regulated	plus 10 ft	Remove-TC	
11b	Banana Plants	<i>Musa sp.</i>	NPR		Remove-NPR	
12a	Dead Tree	NA	NPR		NA	Dead
12b	Limber Caper	<i>Capparis flexuosa</i>	Protected	9" dbh	Remain	Good-overgrown shrub
12c	Gumbo Limbo	<i>Bursera simaruba</i>	Protected	10" dbh	Remain	Fair-multi trunked, poor structure
12d	Pigeon Plum	<i>Cocoloba diversifolia</i>	Protected	10.5" dbh	Remain	Good-multi trunked
13	Thatch Palm Clump	<i>Thrinax sp.</i>	Protected		Remain	Good-3 Clumps (4 trunks)
14	Gumbo Limbo	<i>Bursera simaruba</i>	Protected	17.5" dbh	Remain	Good Fair-canopy heavily impacted by hurricane
15a	Mahogany	<i>Swietenia mahogany</i>	Protected	31.8" dbh	Remove-TC	
15b	Banana Plants	<i>Musa sp.</i>	NPR		Remove-NPR	
16	Pink Tabebuia	<i>Tabebuia heterophylla</i>	NPR	9.5" dbh	Remove-NPR	Fair to good-transplant?
17	Thatch Palm	<i>Thrinax sp.</i>	Protected	6 ft tall	Transplant	Good
18	Pink Tabebuia	<i>Tabebuia heterophylla</i>	NPR	9.5" dbh	Remain	Fair-surface root and strong lean
19	Pink Tabebuia	<i>Tabebuia heterophylla</i>	Regulated	26.1" dbh	Remain	Fair-close to sidewalk
20	Tropical Almond	<i>Terminalia catappa</i>	Regulated	36.9" dbh	Remove-TC	Fair-multi trunked, poor structure
21	Coconut Palm	<i>Cocos nucifera</i>	Protected	25 ft tall	Remove-TC	Fair-strong trunk lean
22a	Bottlebrush	<i>Callistemon sp.</i>	Regulated	37.8" dbh	Remove-TC	Fair to poor-multi trunked
22b	Gumbo Limbo	<i>Bursera simaruba</i>	Protected	5" dbh	Remove-TC	Fair-poor structure
23	Thatch Palm	<i>Thrinax sp.</i>	Protected	6 ft tall	Transplant	Good-growing with a clump including hibiscus and Brazilian Pepper (NPR)
24	Pink Tabebuia	<i>Tabebuia heterophylla</i>	Regulated	26.7" dbh	Remove-TC	Poor-multi trunked, ficus growing in it
25a	Silver Buttonwood	<i>Conocarpus erectus</i>	Protected	9" dbh	Remove-TC	Fair-overgrown shrubs
25b	Silver Buttonwood	<i>Conocarpus erectus</i>	Protected	25" dbh	Remove-TC	Fair-overgrown shrubs
25c	Silver Buttonwood	<i>Conocarpus erectus</i>	Protected	4" dbh	Remove-TC	Fair-overgrown shrubs
25d	Bougainvillea	<i>Bougainvillea sp.</i>	NPR		Remove-NPR	Poor
26	Tropical Almond	<i>Terminalia catappa</i>	NPR	11.4"	Remove-NPR	Fair to good
27	Coconut Palm	<i>Cocos nucifera</i>	Protected	30 ft tall	Remove-TC	Poor-heavy lean
28	Strangler Fig	<i>Ficus aurea</i>	Protected	?	Remain	Fair--very large diameter

29	Tropical Almond	<i>Terminalia catappa</i>	NPR	20.7" dbh	Remove-NPR	Fair to poor
30	Tropical Almond	<i>Terminalia catappa</i>	NPR	7.6" dbh	Remove-NPR	Poor
31	Banana Plants	<i>Musa sp.</i>	NPR		Remove-NPR	
32	Tropical Almond	<i>Terminalia catappa</i>	NPR	7.6" dbh	Remove-NPR	Poor-canopy cut off-resprouts
33	Tropical Almond	<i>Terminalia catappa</i>	NPR	21.9" dbh	Remove-NPR	Good
34	Tropical Almond	<i>Terminalia catappa</i>	Regulated	28.9" dbh	Remove-TC	Poor
35	Tropical Almond	<i>Terminalia catappa</i>	NPR	9.8" dbh	Remove-NPR	Fair to poor
36a	Ficus Benjamin	<i>Ficus benjaminia</i>	NPR	NA	Remove-NPR	Poor
36b	African Tulip	<i>Spathodea campanulata</i>	Regulated	7.9" dbh	Remove-TC	Fair-double trunk
36c	African Tulip	<i>Spathodea campanulata</i>	NPR	3.1" dbh	Remove-NPR	Poor-stump that has resprouted
36d	African Tulip	<i>Spathodea campanulata</i>	Regulated	7.3" dbh	Remove-TC	Poor
37	Fiddlewood	<i>Citharexylum fruticosum</i>	Protected	5.7"	Remove-TC	Fair
38	Tropical Almond	<i>Terminalia catappa</i>	NPR	10.1" dbh	Remove-NPR	Fair-canopy one sided
39	Tropical Almond	<i>Terminalia catappa</i>	NPR	14" dbh	Remove-NPR	Fair
40	Young Tropical Almond Clump	<i>Terminalia catappa</i>	NPR	NA	Remove-NPR	
41	Royal Palm	<i>Roystonea elata</i>	Protected	30 ft tall	Remove-TC	Good
42	Ornamental Shrubs and Banana Trees	NA	NPR	NA	Remove-NPR	
	Simpson Stopper Shrubs, Bougainvillea, & Other					
43	Ornamental Shrubs	NA	NPR	NA	Remove-NPR	Maintained as shrubs
44	Jatropha	<i>Jatropha sp.</i>	Regulated	7.6"	Remove-TC	Poor-crack in main trunk
	Numerous Simpson					
45	Stoppers	NA	NPR	NA	Remove-NPR	Maintained as shrubs
46	Silver Buttonwood	<i>Conocarpus erectus</i>	Protected	7.6" dbh	Remove-TC	Fair
47	Umbrella Tree	<i>Schefflera actinophylla</i>	NPR	NA	Remove-NPR	
48	Silver Buttonwood	<i>Conocarpus erectus</i>	Protected	7.2"	Remove-TC	Fair