

STAFF REPORT

DATE: March 27, 2019

RE: **813 Waddell Avenue (permit application # T2019-0125)**

FROM: Karen DeMaria, City of Key West Urban Forestry Manager

An application was received requesting the removal of **(2) Gumbo Limbo and (2) Mango trees**. A site inspection was done and documented the following:

Tree Species: Gumbo Limbo (Bursera simaruba)

Tree #73:







03/20/2019



Diameter: 1.9"

Location: 20% (growing in fence)

Species: 100% (on protected tree list)

Condition: 40% (poor, main trunk damaged by growth into fence)

Total Average Value = 53%

Value x Diameter = 1 replacement caliper inches

Tree #22:







03/20/2019



Diameter: 1.9"

Location: 80%

Species: 100% (on protected tree list)

Condition: 60% (fair, young tree)

Total Average Value = 80%

Value x Diameter = 1.5 replacement caliper inches

Tree Species: Mango (*Mangifera indica*)

Tree #46:







03/20/2019



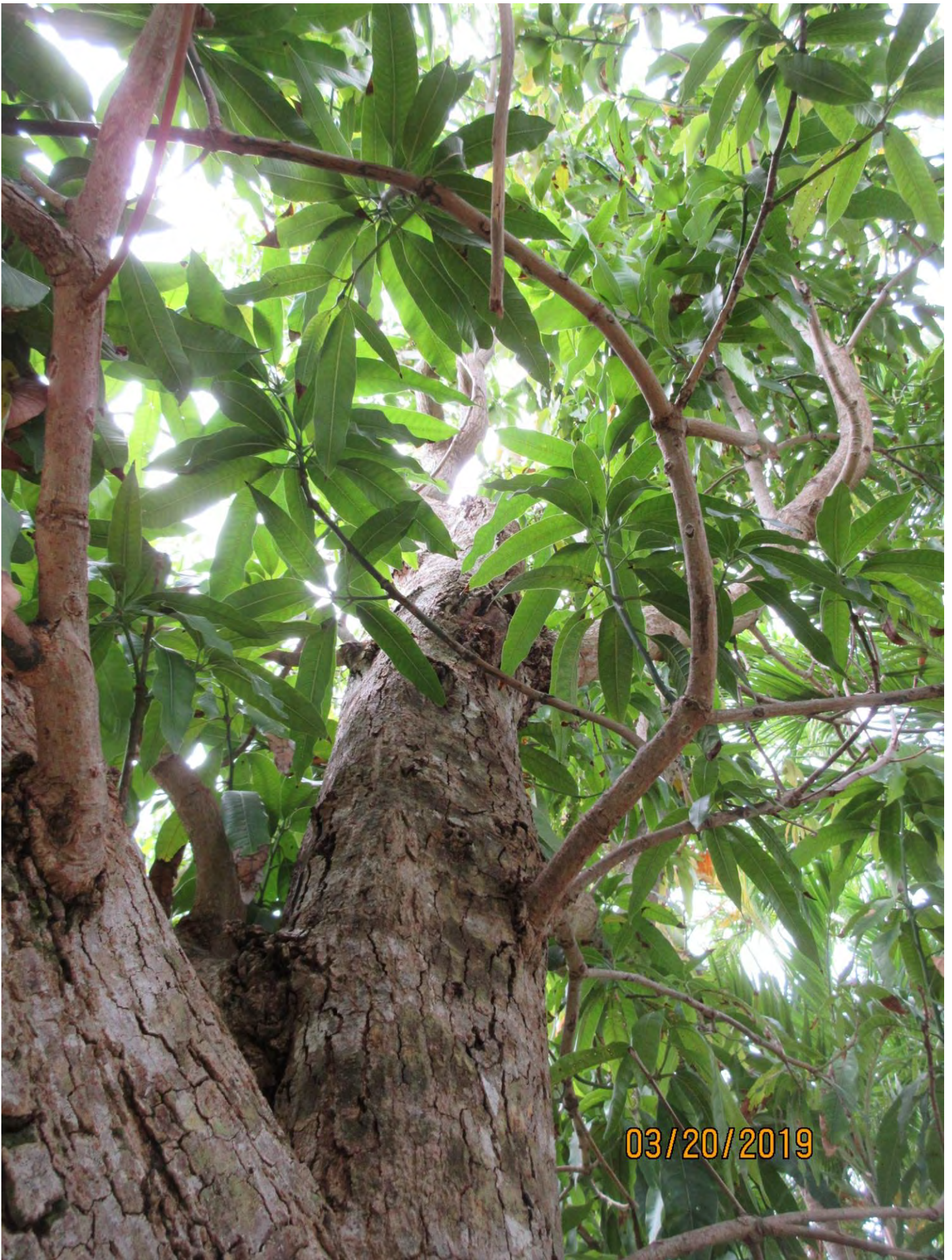


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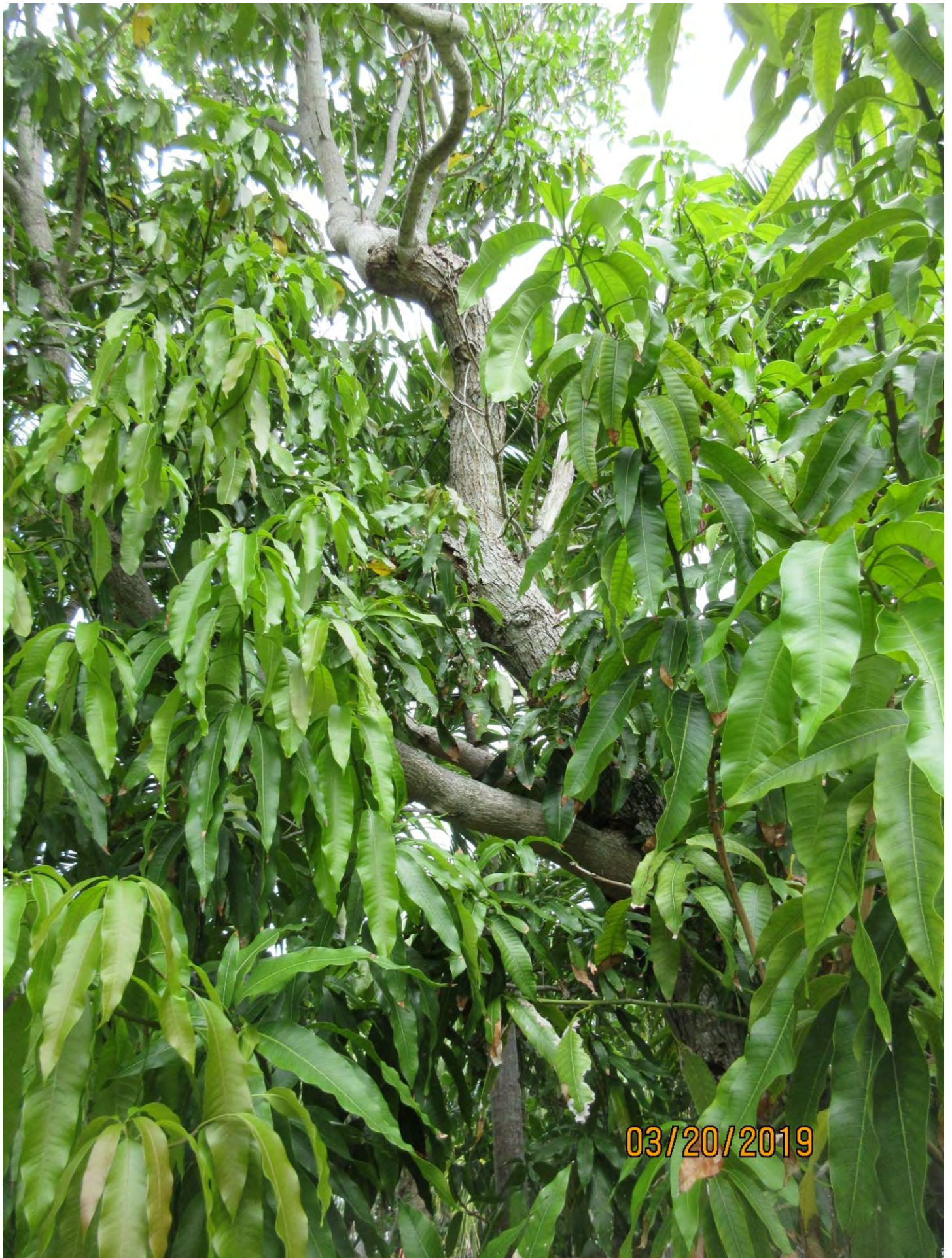








03/20/2019



Diameter: 18.1"

Location: 80% (back yard tree)

Species: 100% (on protected tree list)

Condition: 50% (fair to poor, main trunk and old growth with lots of decay and damage, new growth on old growth is healthy, structure poor)

Total Average Value = 76%

Value x Diameter = 13.7 replacement caliper inches

Tree #69:





03/20/2019





















Diameter: 20"

Location: 60% (close to structure, old cable/phone line in canopy)

Species: 100% (on protected tree list)

Condition: 40% (poor, most of trunk is decayed, philodendron type vine growing along trunk and in canopy)

Total Average Value = 66%

Value x Diameter = 13.2 replacement caliper inches

Required replacement values:

Gumbo Limbo #73: 1 caliper inches

Gumbo Limbo #22: 1.5 caliper inches

Mango #46: 13.7 caliper inches

Mango #69: 13.2 caliper inches



TREE DISPOSITION PLAN				
ID	Botanical Name	Common Name	Size	Disposition
TREES & PALMS				
1	Cocos nucifera	Coconut Palm		In Right-of-Way, Disposition TBD in Separate Permit
2	Cocos nucifera	Coconut Palm		
3	Cocos nucifera	Coconut Palm		
4	Cocos nucifera	Coconut Palm		
5	Cocos nucifera	Coconut Palm		
6	Cocos nucifera	Coconut Palm		
7	Cocos nucifera	Coconut Palm		
8	Adonidia merillii	Christmas Palm		
9	Adonidia merillii	Christmas Palm		
10	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
11	Bursera simaruba	Gumbo Limbo	18" Caliper, Damaged	REMOVE
12	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
13	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
14	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
15	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
16	Bursera simaruba	Gumbo Limbo	24" Caliper	REMAIN
17	Adonidia merillii	Christmas Palm	< 10' HT	REMOVE
18	Adonidia merillii	Christmas Palm	< 10' HT	REMOVE
19	Adonidia merillii	Christmas Palm	Triple, > 10' HT	REMOVE
20	Adonidia merillii	Christmas Palm	Multiple, > 10' HT	REMOVE
21	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
22	Bursera simaruba	Gumbo Limbo	2" Caliper	REMOVE
23	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
24	Adonidia merillii	Christmas Palm	Multiple, > 10' HT	REMOVE
25	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
26	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
27	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
28	Cocos nucifera	Coconut Palm	> 10' HT	RELOCATE
29	Cocos nucifera	Coconut Palm	> 10' HT	RELOCATE
30	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
31	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
32	Adonidia merillii	Christmas Palm	Multiple, > 10' HT	REMOVE
33	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
34	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
35	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
36	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
37	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
38	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
39	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
40	Adonidia merillii	Christmas Palm	Double, < 10' HT	REMOVE
41	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
42	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
43	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
44	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
45	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
46	Mangifera indica	Mango	18" Caliper	REMOVE
47	Adonidia merillii	Christmas Palm	Triple, > 10' HT	REMOVE
48	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
49	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
50	Plumeria spp.	Frangipani	12" Caliper, Damaged	REMOVE
51	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
52	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
53	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
54	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
55	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
56	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
57	Adonidia merillii	Christmas Palm	Double, > 10' HT	REMOVE
58	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
59	Adonidia merillii	Christmas Palm	Multiple, > 10' HT	REMOVE
60	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
61	Adonidia merillii	Christmas Palm	Triple, > 10' HT	REMOVE
62	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
63	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
64	Dypsis lutescens	Areca Palm	Unregulated	REMOVE
65	Adonidia merillii	Christmas Palm	Triple, > 10' HT	REMOVE
66	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
67	Adonidia merillii	Christmas Palm	> 10' HT	REMAIN
68	Bursera simaruba	Gumbo Limbo	Multiple, 20" Caliper	REMAIN
69	Mangifera indica	Mango	20" Caliper	REMOVE
70	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
71	Adonidia merillii	Christmas Palm	> 10' HT	REMOVE
72	Adonidia merillii	Christmas Palm	Multiple, < 10' HT	REMOVE

NOTE: GENERAL CONTRACTOR TO COORDINATE ALL TREE REMOVALS & RELOCATIONS WITH QUALIFIED LANDSCAPE CONTRACTOR OR ARBORIST AS WELL AS COORDINATION WITH CITY AND TREE COMMISSION OFFICIALS. **NO EXCEPTIONS.**

NOTE: CONTRACTOR TO CONFIRM ALL JURISDICTIONAL APPROVALS ARE IN PLACE BEFORE PROCEEDING WITH ANY SITE WORK. **NO EXCEPTIONS.**

3-22-19
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JFK
5-27-19
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