

Tree Survey Update

Location

Searstown Plaza
3200 North Roosevelt Boulevard
Key West

Real Estate Number

00066120-000000

Date

December 28, 2024

Background

The existing shopping plaza on the property is proposed for redevelopment. The redevelopment requires reconfiguration of the parking areas, requiring removal of all the existing landscape vegetation. This report was completed to document vegetation onsite. An aerial view is provided in Attachment A, a vegetation map is provided in Attachment B, a numerical tree species key is located in Attachment C, and photographs are provided in Attachment D. A table of cumulative impacts documenting the total impacts by species is provided in Table 2.

The original site visit was performed on March 26, 2024. All trees were inventoried and have been documented in Attachment B – Vegetation Map and Attachment C – Numerical Tree Inventory. Measurements for each tree were taken. Palms were measured according to clear trunk (c.t.). all others were measured taking the diameter at the standard height (DSH).

This report updates the original report dated March 23, 2024, and includes specimen conditions as well as photos of the trees onsite. After discussion with Karen Demaria, consultant on behalf of the City of Key West, several specimen were reclassified as shrubs/hedges and their impacts were removed from the impact table – Table 2.

Site Description

The property is bordered by roads on three sides, North Roosevelt Blvd. to the north, Northside Drive to the south, and 14th Street to the west. The property is bordered on the east by developed commercial properties. For purposes of this report the front of the property is considered that which borders N. Roosevelt Blvd.

The plaza contains numerous landscape islands and with both native and non-native landscape vegetation, some of which are listed on the City of Key West's (City) Specially Protected Tree list found in Section 110-253 of the City of Key West Code. The majority of species have been negatively impacted by improper pruning, extreme weather impacts or neglect.

Trees

Conocarpus erectus (buttonwood) was the dominant species observed on site, however, numerous *Sabal palmetto* (sabal palms) and *Cocos nucifera* were also observed. A complete tree species list is provided in Table 1.

Per section 110-256(d)(1) of the City code; "Any trees listed on the most recent edition of the Florida Exotic Pest Plan Council Invasive Plant List and not found on the City of Key West section 110-253 specially protected trees list are not protected by this section." These species are noted in the plant list.

Additionally, policy 6-1.7.3 of the City's Comprehensive Plan states that "Invasive species lists should be referenced from the peer reviewed rankings by Florida Exotic Pest Plant Council and the Florida Keys Invasive Exotic Task Force." These species are also noted in the plant list.

Table 1 – Tree Species

Scientific	Common	Listing
<i>Adonidia merrillii</i>	Christmas palm	-
<i>Bursera simaruba</i>	gumbo limbo	KWSPTL*
<i>Cocos nucifera</i>	coconut palm	KWSPTL*
<i>Conocarpus erectus</i>	buttonwood	KWSPTL*
<i>Phoenix sylvestris</i>	date palm	-
<i>Sabal palmetto</i>	cabbage palm	KWSPTL*
<i>Tabebuia sp.</i>	yellow tabebuia	-
<i>Washingtonia robusta</i>	Mexican fan palm	FKIETF Cat II**

*Key West Special Protection Tree List

**Florida Keys Invasive Exotic Task Force

Table 2 details the cumulative impacts for each tree species.

Table 2 – Cumulative Impacts

Scientific	Common	Size	Measurement Description	Listing
<i>Adonidia merrillii</i>	Christmas palm	162.5'	TOTAL c.t.	KWSPTL
<i>Bursera simaruba</i>	gumbo limbo	35.25"	TOTAL DSH	KWSPTL
<i>Cocos nucifera</i>	coconut palm	228'	TOTAL c.t.	KWSPTL
<i>Conocarpus erectus</i>	buttonwood	568.55	TOTAL DSH	KWSPTL
<i>Phoenix sylvestris</i>	date palm	42.5	TOTAL c.t.	-
<i>Sabal palmetto</i>	cabbage palm	918.5	TOTAL c.t.	KWSPTL
<i>Tabebuia sp.</i>	Yellow Tabebuia	65.45	TOTAL DSH	-
<i>Washingtonia robusta</i>	Mexican fan palm	92.5	TOTAL c.t.	FKIETF Cat II

Shrubs

Several shrubs and clusters of shrubs were also observed. Table 3 provides a list of the shrub species observed onsite. This table includes species that may become tree size but were currently maintained at shrub size.

Table 3 – Shrub Species & Shrub Map Key

Map Key	Scientific	Common
Buttonwood	<i>Conocarpus erectus</i>	Buttonwood
BV	<i>Bougainvillea sp.</i>	bougainvillea
Exotic Scaevola*	<i>Scaevola taccada</i>	beach naupaka
GI	<i>Ficus microcarpa var. fuyensis</i>	Green Island ficus
IX	<i>Ixora coccinea</i>	ixora
Seagrape	<i>Coccoloba uvifera</i>	seagrape

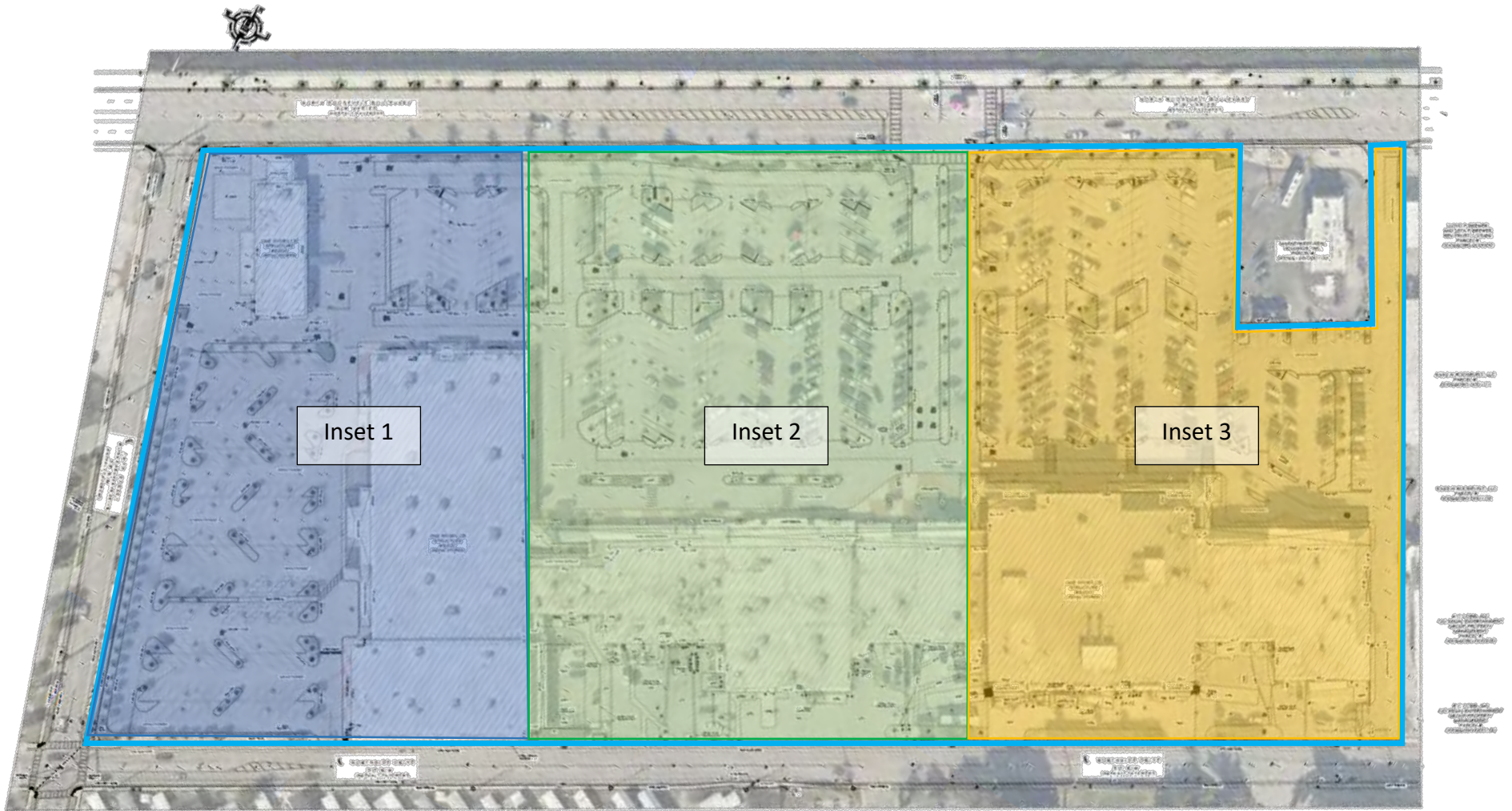
*Scaevola taccada is listed as a Category I invasive exotic species by the Florida Keys Invasive Exotic Task Force.

Attachment A – Location Map

Subject Property



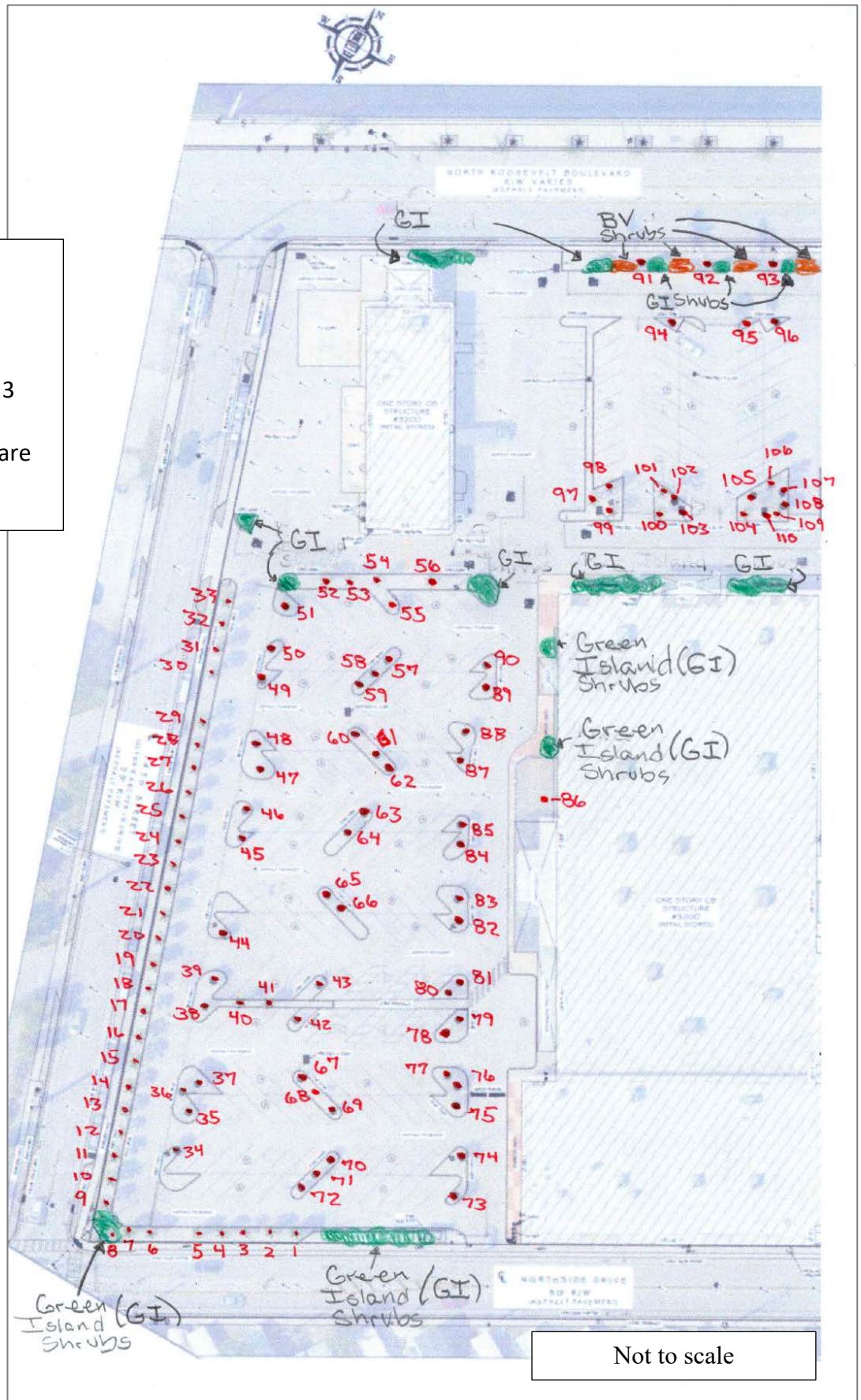
Attachment B – Vegetation Map – Overview (Page 1 of 4)



Attachment B – Vegetation Map – Inset 1 (Page 2 of 4)

Key Information

- See numerical tree inventory key in Attachment C.
- See shrub key in Table 3
- Please note: locations are approximate.

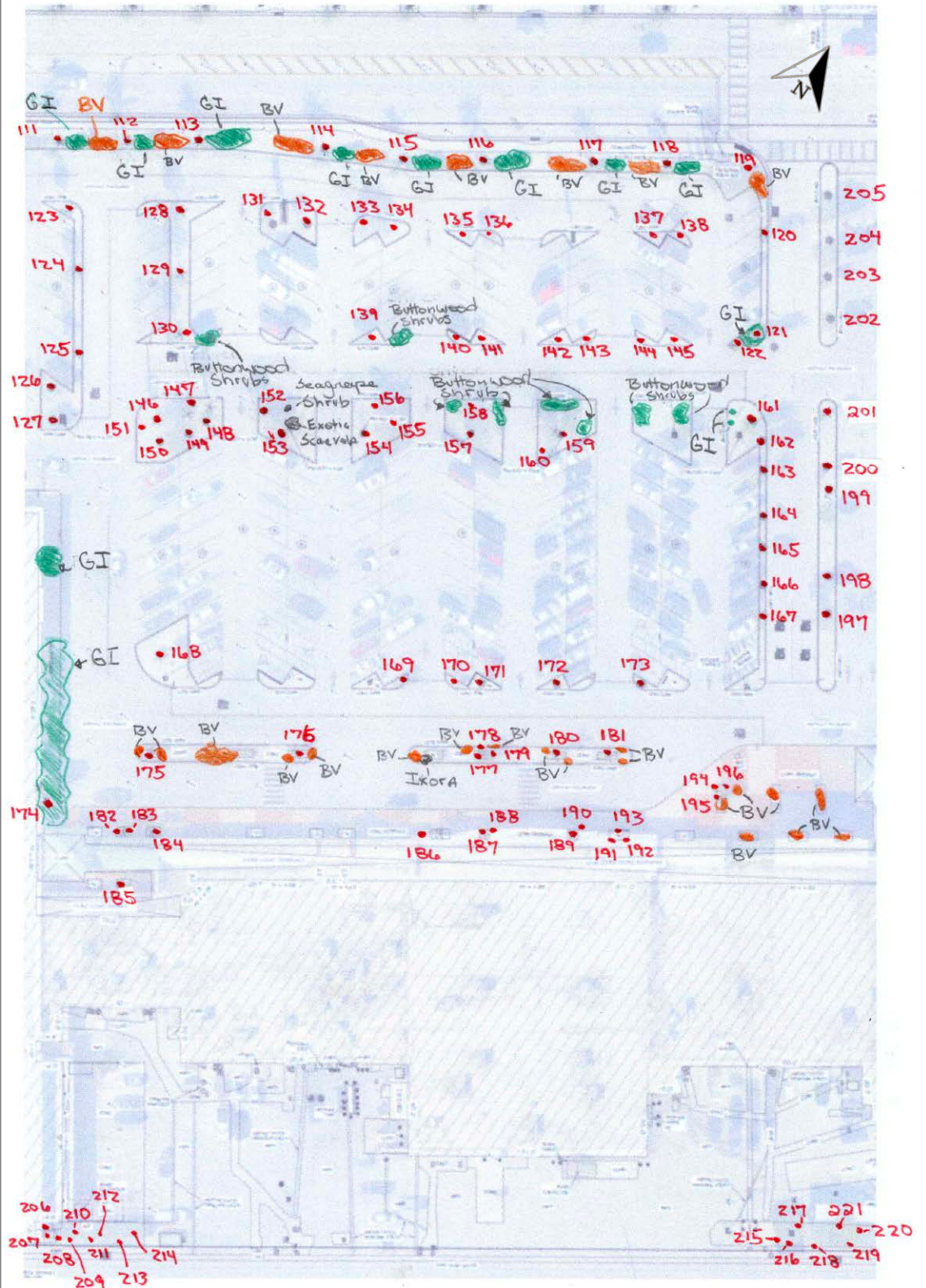


Attachment B – Vegetation Map – Inset 2 (Page 3 of 4)

Key

- See numerical tree inventory key in Attachment C.
- See shrub key in Table 3
- Please note locations are approximate.

Not to scale

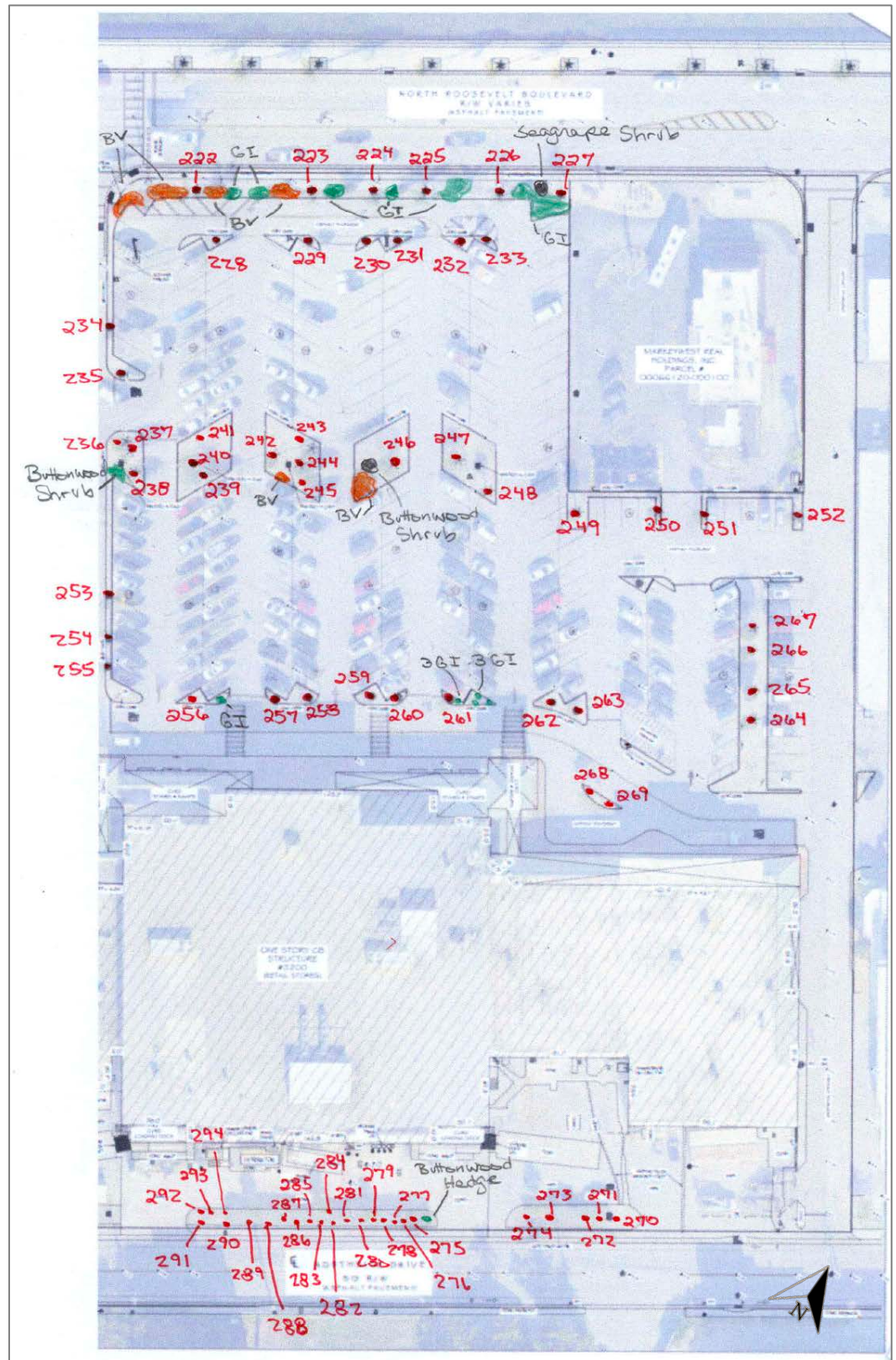


Attachment B – Vegetation Map – Inset 3 (Page 4 of 4)

Key

- See numerical tree inventory key in Attachment C.
- See shrub key in Table 3
- Please note: locations are approximate.

Not to scale



Attachment C – Numerical Map Key & Condition Assessment

#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
1	<i>Sabal palmetto</i>	cabbage palm	11'	c.t.	KWSPTL	Fair	Improper pruning
2	<i>Sabal palmetto</i>	cabbage palm	10.5'	c.t.	KWSPTL	Fair	Improper pruning
3	<i>Sabal palmetto</i>	cabbage palm	10'	c.t.	KWSPTL	Poor	poor pruning, yellowing fronds
4	<i>Sabal palmetto</i>	cabbage palm	11'	c.t.	KWSPTL	Fair	Improper pruning
5	<i>Sabal palmetto</i>	cabbage palm	11'	c.t.	KWSPTL	Fair	Improper pruning
6	<i>Sabal palmetto</i>	cabbage palm	11'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
7	<i>Sabal palmetto</i>	cabbage palm	12.5'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
8	<i>Sabal palmetto</i>	cabbage palm	0	c.t.	KWSPTL	Fair	over pruned
9	<i>Sabal palmetto</i>	cabbage palm	13'	c.t.	KWSPTL	Fair	Improper pruning
10	<i>Sabal palmetto</i>	cabbage palm	12'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
11	<i>Sabal palmetto</i>	cabbage palm	13'	c.t.	KWSPTL	Fair	Improper pruning
12	<i>Sabal palmetto</i>	cabbage palm	11'	c.t.	KWSPTL	Poor	Poor pruning, yellowing fronds
13	<i>Sabal palmetto</i>	cabbage palm	11'	c.t.	KWSPTL	Fair	Improper pruning
14	<i>Sabal palmetto</i>	cabbage palm	11.5'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
15	<i>Sabal palmetto</i>	cabbage palm	13.5'	c.t.	KWSPTL	Fair	Improper pruning
16	<i>Sabal palmetto</i>	cabbage palm	12.5'	c.t.	KWSPTL	Poor	Improper pruning, stunted, yellowing fronds
17	<i>Sabal palmetto</i>	cabbage palm	13.5'	c.t.	KWSPTL	Fair	Improper pruning
18	<i>Sabal palmetto</i>	cabbage palm	11.5'	c.t.	KWSPTL	Poor	Improper pruning, stunted, yellowing fronds
19	<i>Sabal palmetto</i>	cabbage palm	12'	c.t.	KWSPTL	Fair	Improper pruning, reduced crown
20	<i>Sabal palmetto</i>	cabbage palm	12.5'	c.t.	KWSPTL	Poor	Improper pruning, stunted, yellowing fronds
21	<i>Sabal palmetto</i>	cabbage palm	12.5'	c.t.	KWSPTL	Poor	Improper pruning, narrowed trunk, yellow, stunted fronds
22	<i>Sabal palmetto</i>	cabbage palm	13'	c.t.	KWSPTL	Poor	Improper pruning, narrowed trunk, yellow, stunted fronds
23	<i>Sabal palmetto</i>	cabbage palm	13.5'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
24	<i>Sabal palmetto</i>	cabbage palm	11.5'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
25	<i>Sabal palmetto</i>	cabbage palm	12.5'	c.t.	KWSPTL	Poor	Improper pruning, severely narrowed trunk
26	<i>Sabal palmetto</i>	cabbage palm	13'	c.t.	KWSPTL	Fair	Improper pruning
27	<i>Sabal palmetto</i>	cabbage palm	12.5	c.t.	KWSPTL	Fair	Improper pruning

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#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
28	<i>Sabal palmetto</i>	cabbage palm	15'	c.t.	KWSPTL	Fair	Improper pruning
29	<i>Sabal palmetto</i>	cabbage palm	14.5'	c.t.	KWSPTL	Poor	Improper pruning
30	<i>Sabal palmetto</i>	cabbage palm	14'	c.t.	KWSPTL	Poor	Improper pruning, premature frond die-off
31	<i>Sabal palmetto</i>	cabbage palm	13'	c.t.	KWSPTL	Fair	Improper pruning
32	<i>Sabal palmetto</i>	cabbage palm	14'	c.t.	KWSPTL	Fair	Improper pruning
33	<i>Sabal palmetto</i>	cabbage palm	15'	c.t.	KWSPTL	Fair	Improper pruning
34	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Fair	Poor structure
35	<i>Conocarpus erectus</i>	buttonwood	6.5"	DSH	KWSPTL	Fair	Improper pruning, Bark damage, poor structure
36	<i>Conocarpus erectus</i>	buttonwood	7"	DSH	KWSPTL	Fair	Improper pruning
37	<i>Conocarpus erectus</i>	buttonwood	6"	DSH	KWSPTL	Fair	Poor structure, improper pruning
38	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH	KWSPTL	Fair	Improper pruning, terminal Branch die-off, poor structure
39	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH	KWSPTL	Fair	Improper pruning, terminal Branch die-off,
40	<i>Sabal palmetto</i>	cabbage palm	12'	c.t.	KWSPTL	Poor	Over-pruned, decreased crown, premature frond die-off
41	<i>Sabal palmetto</i>	cabbage palm	9.5"	c.t.	KWSPTL	Poor	Improper pruning, stunted frond growth
42	<i>Conocarpus erectus</i>	buttonwood	3"	DSH	KWSPTL	Poor	Improper pruning, poor structure
43	<i>Conocarpus erectus</i>	buttonwood	3.25"	DSH	KWSPTL	Fair	Improper pruning
44	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Fair	Poor pruning, split dominant lead, terminal die-off
45	<i>Conocarpus erectus</i>	buttonwood	4.35"	DSH	KWSPTL	Poor	Poor pruning, weak branch connections and canopy
46	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH	KWSPTL	Fair	Improper pruning
47	<i>Conocarpus erectus</i>	buttonwood	6"	DSH	KWSPTL	Fair	Improper pruning, fair structure
48	<i>Conocarpus erectus</i>	buttonwood	5.7"	DSH	KWSPTL	Fair	Improper pruning, trunk damage, poor structure
49	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Fair	Improper, weak canopy
50	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH	KWSPTL	Fair	Improper pruning, slight trunk, main branch damage
51	<i>Conocarpus erectus</i>	buttonwood	5.25"	DSH	KWSPTL	Poor	Poor pruning, trunk damage & split leader development
52	<i>Sabal palmetto</i>	cabbage palm	12'	c.t.	KWSPTL	Poor	Improper pruning, uneven crown development
53	<i>Sabal palmetto</i>	cabbage palm	10"	c.t.	KWSPTL	Fair	Improper pruning
54	<i>Sabal palmetto</i>	cabbage palm	12'	c.t.	KWSPTL	Poor	Improper pruning, reduced, weak crown

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55	<i>Conocarpus erectus</i>	buttonwood	8"	DSH	KWSPTL	Fair	Improper pruning, some trunk damage
56	<i>Sabal palmetto</i>	cabbage palm	12'	c.t.	KWSPTL	Poor	Poor pruning, stunted fronds, premature frond die-off
57	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Poor	Improper pruning, poor structure, terminal branch die-off
58	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH	KWSPTL	Fair	Improper pruning, poor structure, included bark.
59	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Fair	Poor structure, included bark
60	<i>Conocarpus erectus</i>	buttonwood	5.25"	DSH	KWSPTL	Fair	Improper pruning, poor structure
61	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH	KWSPTL	Fair	Poor structure
62	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH	KWSPTL	Poor	Poor pruning, poor structure, included bark, weak branches
63	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH	KWSPTL	Good	Fair structure
64	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Good	Fair structure
65	<i>Conocarpus erectus</i>	buttonwood	7.5"	DSH	KWSPTL	Fair	Poor structure, included bark
66	<i>Conocarpus erectus</i>	buttonwood	7"	DSH	KWSPTL	Fair	Bark die-off poor structure
67	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH	KWSPTL	Fair	Improper pruning, Bark damage,
68	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Poor	Improper pruning, terminal branch die-off, imbalanced canopy
69	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH	KWSPTL	Fair	Improper pruning, reduced canopy size
70	<i>Conocarpus erectus</i>	buttonwood	4.25"	DSH	KWSPTL	Fair	Poor structure
71	<i>Conocarpus erectus</i>	buttonwood	3.25"	DSH	KWSPTL	Fair	Fair structure, terminal Branch die-off
72	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH	KWSPTL	Poor	Poor structure, included bark, weak canopy
73	<i>Conocarpus erectus</i>	buttonwood	6.25"	DSH	KWSPTL	Fair	Poor pruning/hat racking, many poorly attached shoots
74	<i>Conocarpus erectus</i>	buttonwood	5"	DSH	KWSPTL	Fair	Poor structure, included bark, poorly attached shoots
75	<i>Conocarpus erectus</i>	buttonwood	5"	DSH	KWSPTL	Poor	Improper pruning, significant limb damage, reduced canopy
76	<i>Conocarpus erectus</i>	buttonwood	8"	DSH	KWSPTL	Good	
77	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH	KWSPTL	Good	Fair structure
78	<i>Conocarpus erectus</i>	buttonwood	2.75"	DSH	KWSPTL	Poor	Improper pruning, poor structure, included bark, branch die-off
79	<i>Conocarpus erectus</i>	buttonwood	6.75"	DSH	KWSPTL	Good	Fair structure
80	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH	KWSPTL	Fair	Improper pruning, trunk damage
81	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Fair	Fair structure, bark die-off

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#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
82	<i>Conocarpus erectus</i>	buttonwood	5"	DSH	KWSPTL	Fair	Fair structure, included bark on codominant leads.
83	<i>Conocarpus erectus</i>	buttonwood	6.75"	DSH	KWSPTL	Poor	Significant trunk die-off, terminal branch die-off
84	<i>Conocarpus erectus</i>	buttonwood	6.75"	DSH	KWSPTL	Fair	Improper pruning, trunk damage
85	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Fair	Improper pruning, poor structure
86	<i>Bursera simaruba</i>	gumbo limbo	3.5"	DSH*	KWSPTL	Poor	Poor pruning, weak limb attachment, paved around base
87	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Fair	Improper pruning, reduced canopy, terminal die-off
88	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Good	Fair structure
89	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Poor	Improper pruning, missing bark, terminal branch die-off
90	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Good	
91	<i>Cocos nucifera</i>	coconut palm	13.5'	c.t.	KWSPTL	Good	
92	<i>Cocos nucifera</i>	coconut palm	14'	c.t.	KWSPTL	Good	
93	<i>Cocos nucifera</i>	coconut palm	11.5'	c.t.	KWSPTL	Good	
94	<i>Conocarpus erectus</i>	buttonwood	3"	DSH	KWSPTL	Poor	Lion's tailed, poor structure, stunted canopy
95	<i>Conocarpus erectus</i>	buttonwood	5.25"	DSH	KWSPTL	Fair	Improper pruning, poor structure
96	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH	KWSPTL	Fair	Lion's tailed, poor structure
97	<i>Sabal palmetto</i>	cabbage palm	12.5'	c.t.	KWSPTL	Good	
98	<i>Sabal palmetto</i>	cabbage palm	11.5'	c.t.	KWSPTL	Poor	Improper pruning, stunted, weak fronds, premature die-off
99	<i>Sabal palmetto</i>	cabbage palm	13'	c.t.	KWSPTL	Poor	Improper pruning, stunted, weak fronds, premature die-off
100	<i>Sabal palmetto</i>	cabbage palm	12.5'	c.t.	KWSPTL	Fair	Improper pruning, uneven canopy
101	<i>Sabal palmetto</i>	cabbage palm	-	-	-	-	Data recording error
102	<i>Washingtonia robusta</i>	Mexican fan palm	18'		FKIETF Cat II	Fair	Improper pruning,
103	<i>Bursera simaruba</i>	gumbo limbo	2.5"	DSH	KWSPTL	Diseased	Poor structure, die-ff
104	<i>Bursera simaruba</i>	gumbo limbo	4.25"	DSH	KWSPTL	Poor	Improper pruning, poor structure, branch die-off
105	<i>Bursera simaruba</i>	gumbo limbo	5"	DSH	KWSPTL	Poor	Improper pruning, poor structure, branch die-off
106	<i>Washingtonia robusta</i>	Mexican fan palm	20'		FKIETF Cat II	Fair	Improper pruning, narrowed trunk
107	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Fair	Fair structure
108	<i>Conocarpus erectus</i>	buttonwood	6"	DSH	KWSPTL	Good	Fair structure

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#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
109	<i>Sabal palmetto</i>	cabbage palm	12.5'	c.t.	KWSPTL	Poor	Poor pruning, stunted fronds
110	<i>Sabal palmetto</i>	cabbage palm	14.5'	c.t.	KWSPTL	Poor	Improper pruning, stunted frond growth
111	<i>Cocos nucifera</i>	coconut palm	13.5'	c.t.	KWSPTL	Good	
112	<i>Cocos nucifera</i>	coconut palm	15'	c.t.	KWSPTL	Good	
113	<i>Cocos nucifera</i>	coconut palm	12'	c.t.	KWSPTL	Good	
114	<i>Cocos nucifera</i>	coconut palm	13'	c.t.	KWSPTL	Good	
115	<i>Cocos nucifera</i>	coconut palm	11.5'	c.t.	KWSPTL	Good	
116	<i>Cocos nucifera</i>	coconut palm	14'	c.t.	KWSPTL	Good	
117	<i>Cocos nucifera</i>	coconut palm	11.5'	c.t.	KWSPTL	Good	
118	<i>Cocos nucifera</i>	coconut palm	12.5'	c.t.	KWSPTL	Good	
119	<i>Cocos nucifera</i>	coconut palm	14'	c.t.	KWSPTL	Good	
120	<i>Sabal palmetto</i>	cabbage palm	10'	c.t.	KWSPTL	Fair	Improper pruning
121	<i>Sabal palmetto</i>	cabbage palm	12.5'	c.t.	KWSPTL	Good	
122	<i>Sabal palmetto</i>	cabbage palm	12'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
123	<i>Sabal palmetto</i>	cabbage palm	13.5'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
124	<i>Sabal palmetto</i>	cabbage palm	11'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
125	<i>Sabal palmetto</i>	cabbage palm	11.5'	c.t.	KWSPTL	Good	
126	<i>Bursera simaruba</i>	gumbo limbo	7.75"	DSH	KWSPTL	Poor	Poor pruning, , weak limb attachment
127	<i>Conocarpus erectus</i>	buttonwood	8"	DSH	KWSPTL	Fair	Poor structure
128	<i>Sabal palmetto</i>	cabbage palm	13.5'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
129	<i>Sabal palmetto</i>	cabbage palm	13.5'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
130	<i>Sabal palmetto</i>	cabbage palm	14'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
131	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH	KWSPTL	Fair	Improper pruning, poor structure
132	<i>Conocarpus erectus</i>	buttonwood	5.25"	DSH	KWSPTL	Fair	Improper pruning
133	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH	KWSPTL	Poor	improperly pruned, poor structure, reduced canopy
134	<i>Conocarpus erectus</i>	buttonwood	5.25"	DSH	KWSPTL	Fair	Poor structure
135	<i>Conocarpus erectus</i>	buttonwood	2.5"	DSH	KWSPTL	Fair	Improper pruning, poor structure

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#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
136	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH	KWSPTL	Fair	Poor structure
137	<i>Conocarpus erectus</i>	buttonwood	5.75"	DSH	KWSPTL	Fair	Poor structure
138	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH	KWSPTL	Good	
139	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH	KWSPTL	Fair	Poor structure
140	<i>Conocarpus erectus</i>	buttonwood	2.75"	DSH	KWSPTL	Fair	Improper pruning, terminal Branch die-off, reduced canopy
141	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH	KWSPTL	Fair	Lion's tailed, poor structure
142	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Fair	Improper pruning,
143	<i>Conocarpus erectus</i>	buttonwood	2.5"	DSH	KWSPTL	Fair	improperly pruned, poor structure, reduced canopy
144	<i>Conocarpus erectus</i>	buttonwood	3"	DSH	KWSPTL	Fair	Poor structure, imbalanced canopy, improper pruning
145	<i>Conocarpus erectus</i>	buttonwood	2.75"	DSH	KWSPTL	Fair	Poor pruning, small canopy, many weak branch attachments
146	<i>Sabal palmetto</i>	cabbage palm	13'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
147	<i>Sabal palmetto</i>	cabbage palm	2'	c.t.	KWSPTL	Good	
148	<i>Washingtonia robusta</i>	Mexican fan palm	18'		FKIETF Cat II	Fair	Improper pruning, narrowed trunk
149	<i>Bursera simaruba</i>	gumbo limbo	6"	DSH	KWSPTL	Fair	Poor pruning, weak limb attachments, terminal branch die-off
150	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Fair	Poor structure
151	<i>Bursera simaruba</i>	gumbo limbo	1.5"	DSH	KWSPTL	Poor	Improper pruning, broken limbs
152	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH	KWSPTL	Fair	Poor structure
153	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH	KWSPTL	Fair	Poor structure
154	<i>Bursera simaruba</i>	gumbo limbo	4.75"	DSH	KWSPTL	Diseased	Poor structure, weak limb attachments
155	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Fair	Poor structure
156	<i>Washingtonia robusta</i>	Mexican fan palm	15.5'		FKIETF Cat II	Poor	Improper pruning, narrowed trunk, premature frond die-off
157	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Fair	Poor structure
158	<i>Conocarpus erectus</i>	buttonwood	6"	DSH	KWSPTL	Fair	Improper pruning

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Searstown Key West 3200 North Roosevelt Blvd., RE#: 00066120-000000

#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
159	<i>Conocarpus erectus</i>	buttonwood	5"	DSH	KWSPTL	Poor	Dead limbs, bark die-off
160	<i>Conocarpus erectus</i>	buttonwood	4.25"	DSH	KWSPTL	Fair	Poor structure
161	<i>Phoenix sylvestris</i>	date palm	8'	c.t.	-	Fair	Frond yellowing and premature die-ff
162	<i>Conocarpus erectus</i>	buttonwood	8"	DSH	KWSPTL	Good	Fair structure
163	<i>Conocarpus erectus</i>	buttonwood	5"	DSH	KWSPTL	Good	
164	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Fair	Hat racked, many weakly attached shoots, reduced canopy
165	<i>Conocarpus erectus</i>	buttonwood	5.25"	DSH	KWSPTL	Poor	Poor pruning significant damage to leader/major limb
166	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Good	
167	<i>Sabal palmetto</i>	cabbage palm	10.5'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
168	<i>Sabal palmetto</i>	cabbage palm	13'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
169	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH	KWSPTL	Fair	Improper pruning
170	<i>Conocarpus erectus</i>	buttonwood	2.5"	DSH	KWSPTL	Fair	Improper pruning, poor structure, unbalanced canopy
171	<i>Conocarpus erectus</i>	buttonwood	3"	DSH	KWSPTL	Fair	Improper pruning
172	<i>Tabebuia sp.</i>	Yellow Tabebuia	8.75	DSH	-	Fair	Prior hat racking, many weak shoot attachments
173	<i>Conocarpus erectus</i>	buttonwood	2.5"	DSH	KWSPTL	Good	
174	<i>Sabal palmetto</i>	cabbage palm	16'	c.t.	KWSPTL	Good	Close to building
175	<i>Adonidia merrillii</i>	Christmas palm	8'	c.t.	-	Good	
176	<i>Adonidia merrillii</i>	Christmas palm	5.5"	c.t.	-	Good	
177	<i>Adonidia merrillii</i>	Christmas palm	7.5'	c.t.	-	Good	
178	<i>Adonidia merrillii</i>	Christmas palm	7.5'	c.t.	-	Good	
179	<i>Adonidia merrillii</i>	Christmas palm	7'	c.t.	-	Fair	Damage on base of trunk
180	<i>Adonidia merrillii</i>	Christmas palm	9.5'	c.t.	-	Good	
181	<i>Adonidia merrillii</i>	Christmas palm	8'	c.t.	-	Good	
182	<i>Adonidia merrillii</i>	Christmas palm	9'	c.t.	-	Good	

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#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
183	<i>Adonidia merrillii</i>	Christmas palm	7.5'	c.t.	-	Good	
184	<i>Sabal palmetto</i>	cabbage palm	11.5'	c.t.	KWSPTL	Good	
185	<i>Adonidia merrillii</i>	Christmas palm	8'	c.t.	-	Good	
186	<i>Adonidia merrillii</i>	Christmas palm	9'	c.t.	-	Fair	Damage on base of trunk
187	<i>Adonidia merrillii</i>	Christmas palm	8'	c.t.	-	Good	
188	<i>Adonidia merrillii</i>	Christmas palm	6.5'	c.t.	-	Good	
189	<i>Adonidia merrillii</i>	Christmas palm	7.5'	c.t.	-	Good	
190	<i>Adonidia merrillii</i>	Christmas palm	7.5'	c.t.	-	Dead	Cut in half
191	<i>Adonidia merrillii</i>	Christmas palm	7.5'	c.t.	-	Good	
192	<i>Adonidia merrillii</i>	Christmas palm	7'	c.t.	-	Good	
193	<i>Adonidia merrillii</i>	Christmas palm	8'	c.t.	-	Fair	Damage on base of trunk
194	<i>Adonidia merrillii</i>	Christmas palm	8'	c.t.	-	Good	
195	<i>Adonidia merrillii</i>	Christmas palm	7.5'	c.t.	-	Fair	Damage on base of trunk
196	<i>Adonidia merrillii</i>	Christmas palm	8.5'	c.t.	-	Good	
197	<i>Conocarpus erectus</i>	buttonwood	9"	DSH	KWSPTL	Fair	Poor pruning and branch die-off
198	<i>Conocarpus erectus</i>	buttonwood	6.75"	DSH	KWSPTL	Good	Fair structure
199	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Good	Fair structure
200	<i>Conocarpus erectus</i>	buttonwood	5"	DSH	KWSPTL	Fair	Lion's tailed
201	<i>Phoenix sylvestris</i>	date palm	4'	c.t.	-	Good	
202	<i>Conocarpus erectus</i>	buttonwood	7.25"	DSH	KWSPTL	Poor	Improper pruning, poor structure, damaged trunk
203	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH	KWSPTL	Fair	Improper pruning,
204	<i>Conocarpus erectus</i>	buttonwood	8.25"	DSH	KWSPTL	Good	
205	<i>Conocarpus erectus</i>	buttonwood	9.25"	DSH	KWSPTL	Good	
206	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated

*Measured below split - reclassified as hedge per discussion with Karen DeMaria

Cheon Environmental Consulting

Searstown Key West 3200 North Roosevelt Blvd., RE#: 00066120-000000

#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
207	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
208	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
209	<i>Conocarpus erectus</i>	buttonwood	4"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
210	<i>Conocarpus erectus</i>	buttonwood	4.25"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
211	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
212	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
213	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
214	<i>Conocarpus erectus</i>	buttonwood	6.25"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
215	<i>Conocarpus erectus</i>	buttonwood	6.25"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
216	<i>Conocarpus erectus</i>	buttonwood	5"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
217	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
218	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
219	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
220	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
221	<i>Sabal palmetto</i>	cabbage palm	13'	c.t.	KWSPTL	Fair	Improper pruning
222	<i>Cocos nucifera</i>	coconut palm	10.5'	c.t.	KWSPTL	Good	
223	<i>Cocos nucifera</i>	coconut palm	12'	c.t.	KWSPTL	Good	
224	<i>Cocos nucifera</i>	coconut palm	12.5'	c.t.	KWSPTL	Good	
225	<i>Cocos nucifera</i>	coconut palm	14'	c.t.	KWSPTL	Good	
226	<i>Cocos nucifera</i>	coconut palm	12'	c.t.	KWSPTL	Good	
227	<i>Cocos nucifera</i>	coconut palm	11'	c.t.	KWSPTL	Good	
228	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH	KWSPTL	Fair	Improper pruning, some trunk damage
229	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Fair	Poor structure,
230	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH	KWSPTL	Far	Poor pruning

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#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
231	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH	KWSPTL	Fair	Improper pruning, poor structure
232	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH	KWSPTL	Poor	Improper pruning, poor structure, Trunk die-off
233	<i>Conocarpus erectus</i>	buttonwood	4"	DSH	KWSPTL	Fair	Improper pruning, Poor structure
234	<i>Conocarpus erectus</i>	buttonwood	5.5"	DSH	KWSPTL	Fair	Trunk damage
235	<i>Conocarpus erectus</i>	buttonwood	6"	DSH	KWSPTL	Fair	Improper pruning
236	<i>Conocarpus erectus</i>	date palm	10'	c.t.	-	Good	
237	<i>Washingtonia robusta</i>	Mexican fan palm	21'		FKIETF Cat II	Poor	Crown dying
238	<i>Phoenix sylvestris</i>	date palm	5'	c.t.	-	Good	
239	<i>Conocarpus erectus</i>	buttonwood	5"	DSH	KWSPTL	Good	
240	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH	KWSPTL	Fair	Included bark in dominant branches
241	<i>Phoenix sylvestris</i>	date palm	4'	c.t.	-	Far	Fronds yellow and some frond distortion
242	<i>Sabal palmetto</i>	cabbage palm	15'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
243	<i>Sabal palmetto</i>	cabbage palm	15.5'	c.t.	KWSPTL	Fair	Over-pruned
244	<i>Phoenix sylvestris</i>	date palm	6'	c.t.	-	Good	
245	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH	KWSPTL	Good	
246	<i>Phoenix sylvestris</i>	date palm	10'	c.t.	-	Good	
247	<i>Phoenix sylvestris</i>	date palm	5.5'	c.t.	-	Good	
248	<i>Conocarpus erectus</i>	cabbage palm	10.5'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
249	<i>Sabal palmetto</i>	cabbage palm	14'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk, weak canopy
250	<i>Sabal palmetto</i>	cabbage palm	11.5'	c.t.	KWSPTL	Fair	Improper pruning, thin canopy
251	<i>Sabal palmetto</i>	cabbage palm	14.5'	c.t.	KWSPTL	Fair	Small crown and small fronds
252	<i>Sabal palmetto</i>	cabbage palm	11.5'	c.t.	KWSPTL	Good	
253	<i>Conocarpus erectus</i>	buttonwood	5"	DSH	KWSPTL	Fair	Bark damage
254	<i>Conocarpus erectus</i>	buttonwood	5.75"	DSH	KWSPTL	Fair	Improper pruning

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Cheon Environmental Consulting

Searstown Key West 3200 North Roosevelt Blvd., RE#: 00066120-000000

#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
255	<i>Conocarpus erectus</i>	buttonwood	6.25"	DSH	KWSPTL	Fair	Improper pruning, some branch die-off
256	<i>Tabebuia sp.</i>	Yellow Tabebuia	7"	DSH	-	Poor	Improper pruning, yellow, wilting leaves, die-off
257	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH	KWSPTL	Fair	Improper pruning, weak shoot attachment
258	<i>Tabebuia sp.</i>	Yellow Tabebuia	7.75"	DSH	-	Poor	Improper pruning, branch die-off, wilting
259	<i>Conocarpus erectus</i>	buttonwood	4.5"	DSH	KWSPTL	Good	
260	<i>Tabebuia sp.</i>	Yellow Tabebuia	7.5"	DSH	-	Poor	Improper pruning, branch die-off
261	<i>Tabebuia sp.</i>	Yellow Tabebuia	7.5"	DSH	-	Fair	Improper pruning, weak shoot attachment
262	<i>Tabebuia sp.</i>	Yellow Tabebuia	7.75"	DSH	-	Poor	Improper pruning, significant branch die-off
263	<i>Tabebuia sp.</i>	Yellow Tabebuia	7"	DSH	-	Poor	Poor pruning, poor structure
264	<i>Sabal palmetto</i>	cabbage palm	14'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
265	<i>Sabal palmetto</i>	cabbage palm	11.5'	c.t.	KWSPTL	Good	
266	<i>Sabal palmetto</i>	cabbage palm	15.5'	c.t.	KWSPTL	Fair	Improper pruning, weak canopy
267	<i>Sabal palmetto</i>	cabbage palm	13.5'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
268	<i>Tabebuia sp.</i>	Yellow Tabebuia	7.75"		-	Poor	Improper pruning, branch die-off, yellow, wilted leaves
269	<i>Tabebuia sp.</i>	Yellow Tabebuia	4.5"		-	Poor	Improper pruning, branch die-off, yellow, wilted leaves
270	<i>Conocarpus erectus</i>	buttonwood	6.25"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
271	<i>Conocarpus erectus</i>	buttonwood	5.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
272	<i>Conocarpus erectus</i>	buttonwood	5"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
273	<i>Sabal palmetto</i>	cabbage palm	14'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
274	<i>Conocarpus erectus</i>	buttonwood	4"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
275	<i>Conocarpus erectus</i>	buttonwood	5"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
276	<i>Conocarpus erectus</i>	buttonwood	3.5"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
277	<i>Conocarpus erectus</i>	buttonwood	3"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
278	<i>Conocarpus erectus</i>	buttonwood	6"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated

*Measured below split - reclassified as hedge per discussion with Karen DeMaria

#	Scientific Name	Common Name	Size	Unit	Listing	Condition	Notes
279	<i>Sabal palmetto</i>	cabbage palm	12'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
280	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
281	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
282	<i>Conocarpus erectus</i>	buttonwood	4"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
283	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
284	<i>Sabal palmetto</i>	cabbage palm	12'	c.t.	KWSPTL	Fair	Improper pruning, narrowed trunk
285	<i>Conocarpus erectus</i>	buttonwood	4.25"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
286	<i>Conocarpus erectus</i>	buttonwood	4"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
287	<i>Conocarpus erectus</i>	buttonwood	4.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
288	<i>Conocarpus erectus</i>	buttonwood	3.25"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
289	<i>Conocarpus erectus</i>	buttonwood	2.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
290	<i>Conocarpus erectus</i>	buttonwood	3.34"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
291	<i>Conocarpus erectus</i>	buttonwood	5.25"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
292	<i>Sabal palmetto</i>	cabbage palm	12'	c.t.	KWSPTL	Good	
293	<i>Conocarpus erectus</i>	buttonwood	3.75"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated
294	<i>Conocarpus erectus</i>	buttonwood	2.5"	DSH*	KWSPTL	N/A	Hedged with trunk - not regulated

*Measured below split - reclassified as hedge per discussion with Karen DeMaria

Table Key

DSH = Diameter at Standard Height
c.t. = Clear trunk

KWSPTL = Key West Special Protection Tree List
FKIETF – Florida Keys Invasive Exotic Task Force

Attachment D – Site Photos



Specimen 1



Specimen 2



Specimen 3



Specimen 4



Specimen 5



Specimen 6



Specimen 7



Specimen 8



Specimen 9



Specimen 10



Specimen 11



Specimen 12



Specimen 13



Specimen 14



Specimen 15



Specimen 16



Specimen 17



Specimen 18



Specimen 19



Specimen 20



Specimen 21



Specimen 22



Specimen 23



Specimen 24



Specimen 25



Specimen 26



Specimen 27



Specimen 28



Specimen 29



Specimen 30



Specimen 31



Specimen 32



Specimen 33



Specimen 34



Specimen 35



Specimen 36



Specimen 37



Specimen 38



Specimen 39



Specimen 40



Specimen 41



Specimen 42



Specimen 43



Specimen 44



Specimen 45



Specimen 46



Specimen 47



Specimen 48



Specimen 49



Specimen 50



Specimen 51



Specimen 52



Specimen 53



Specimen 54



Specimen 55



Specimen 56



Specimen 57



Specimen 58



Specimen 59



Specimen 60



Specimen 61



Specimen 62



Specimen 63



Specimen 64



Specimen 65



Specimen 66



Specimen 67



Specimen 68



Specimen 69



Specimen 70



Specimen 71



Specimen 72



Specimen 73



Specimen 74



Specimen 75



Specimen 76



Specimen 77



Specimen 78



Specimen 79



Specimen 80