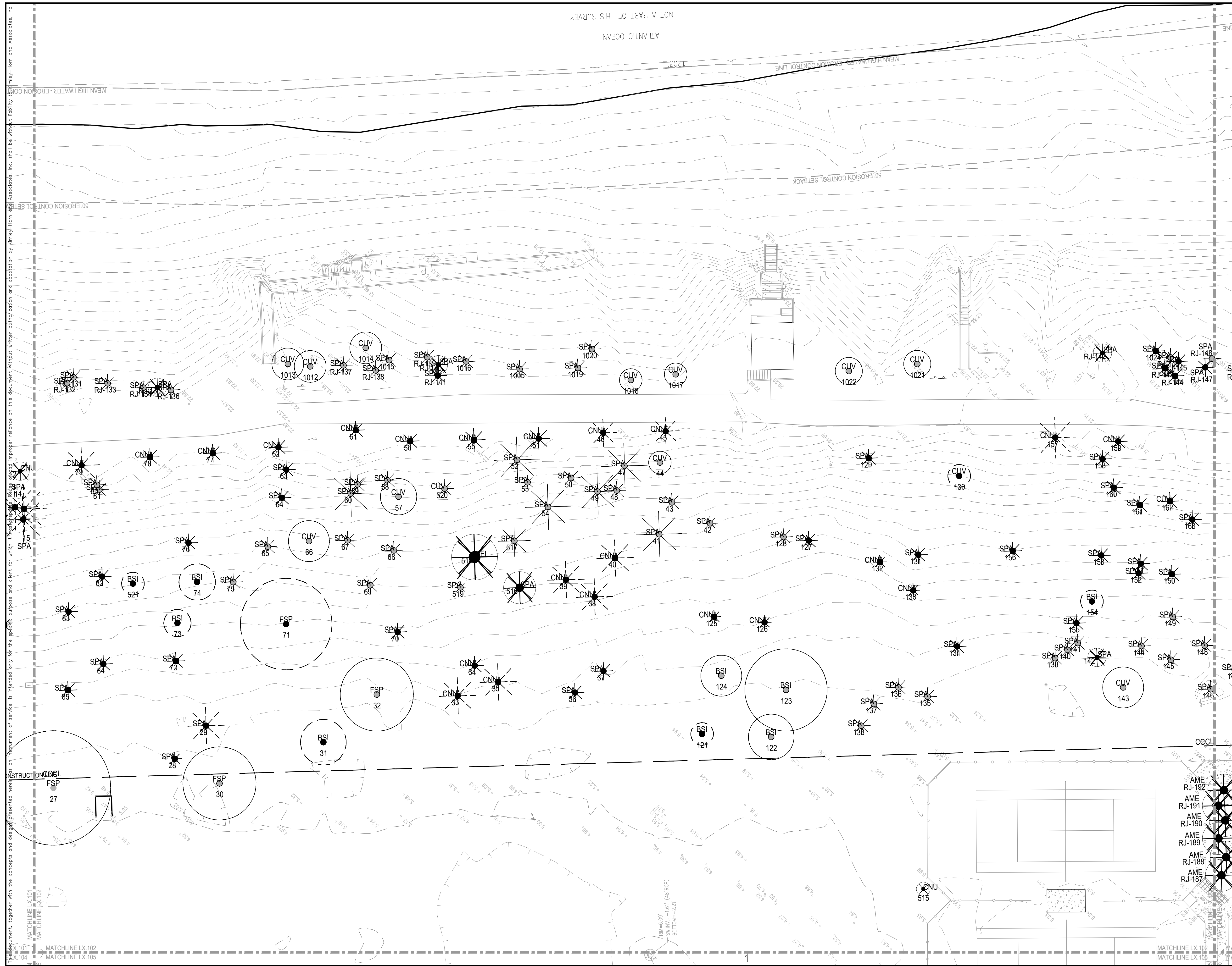




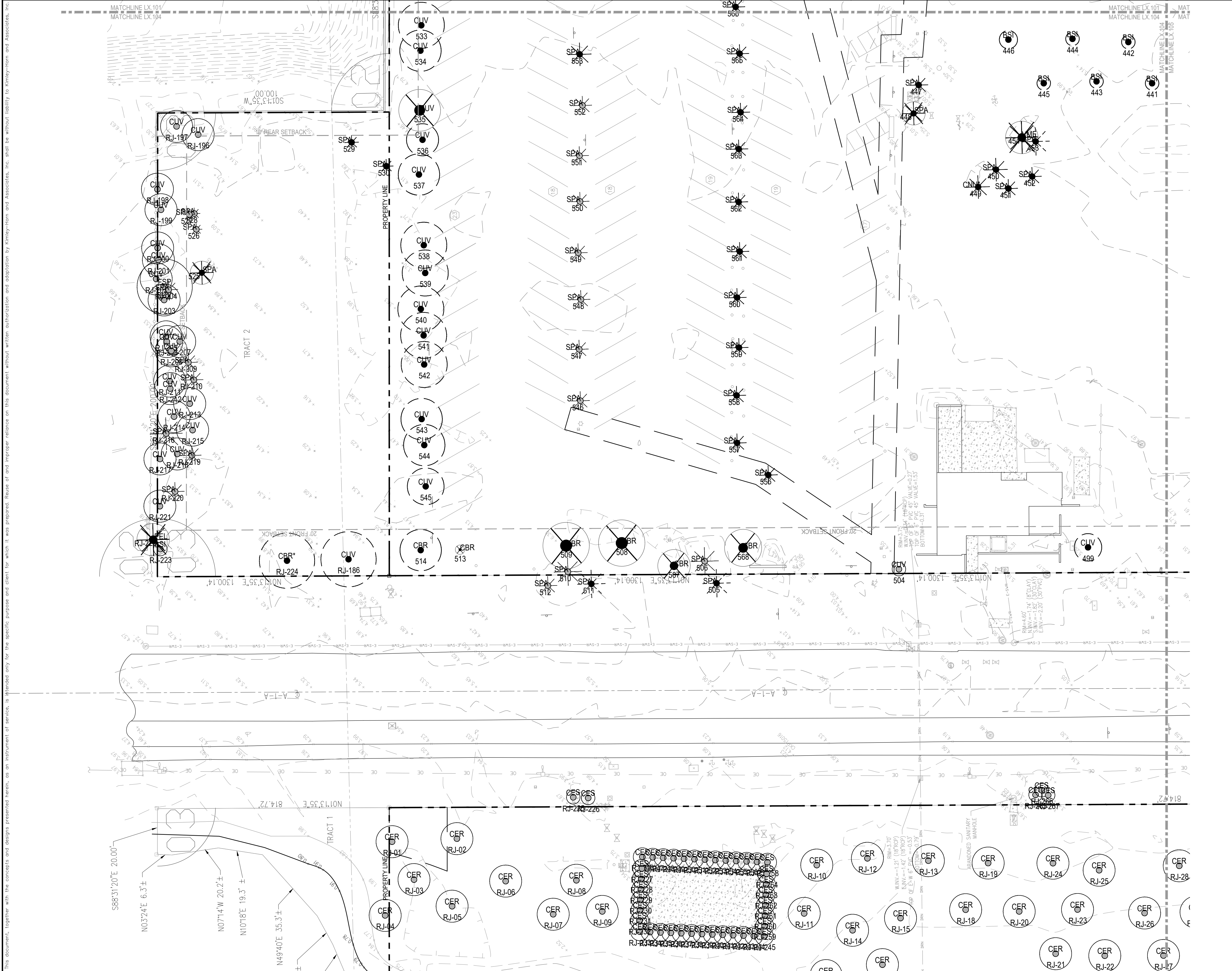
LR



TREE DISPOSITION
 PLAN SOUTHEAST



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LEGEND

PROPERTY LINE

SETBACK LINE

EXISTING TO REMAIN TREES

PALMS

EXISTING TO BE REMOVED TREES

PALMS

EXISTING TO BE RELOCATED TREES

PALMS

EXISTING OFFSITE TO REMAIN TREES

PALMS

GENERAL NOTES:

- TREE SURVEY BASED ON ALL AVAILABLE INFORMATION. CONTRACTOR TO REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION. RAYMOND JUNGLES, INC. MAY ASSIST WITH THE TAGGING OF ALL TREES IN THE FIELD.
- ALL TREES TO BE RELOCATED SHALL BE ROOT PRUNED 60 DAYS PRIOR TO THEIR RELOCATION. RJ WILL ALSO OVERSEE ANY RECOMMENDATIONS FOR FURTHER MODIFICATIONS TO ANY EXISTING MATERIAL.
- ALL PITS TO BE FILLED THE SAME DAY OF REMOVAL OF TREES. RESTORE SURFACE WITH SOD OR MULCH TO MATCH EXISTING CONDITIONS.
- CONTRACTOR SHALL VERIFY ALL EXISTING ABOVE AND UNDERGROUND UTILITIES 48 HOURS PRIOR TO ANY ON SITE EXCAVATION.
- SEE LR.200 FOR TREE DISPOSITION SCHEDULE.
- REVIEW ADDITIONAL NOTES AND SPECIFICATIONS ON SHEET LR.201 FOR RELOCATED MATERIAL.

0 10 20 40

SCALE: 1:20

CIVIL ENGINEER

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LANDSCAPE ARCHITECT

jungles

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COA: 22-037
ZON: 22-107

No.	REVISIONS	DATE

STATE OF FLORIDA

RAYMOND JUNGLES, INC.

LANDSCAPE ARCHITECT

PROJECT No.

DATE

10/28/2022

SCALE

AS SHOWN

DESIGNED BY

DRAWN BY

CHECKED BY

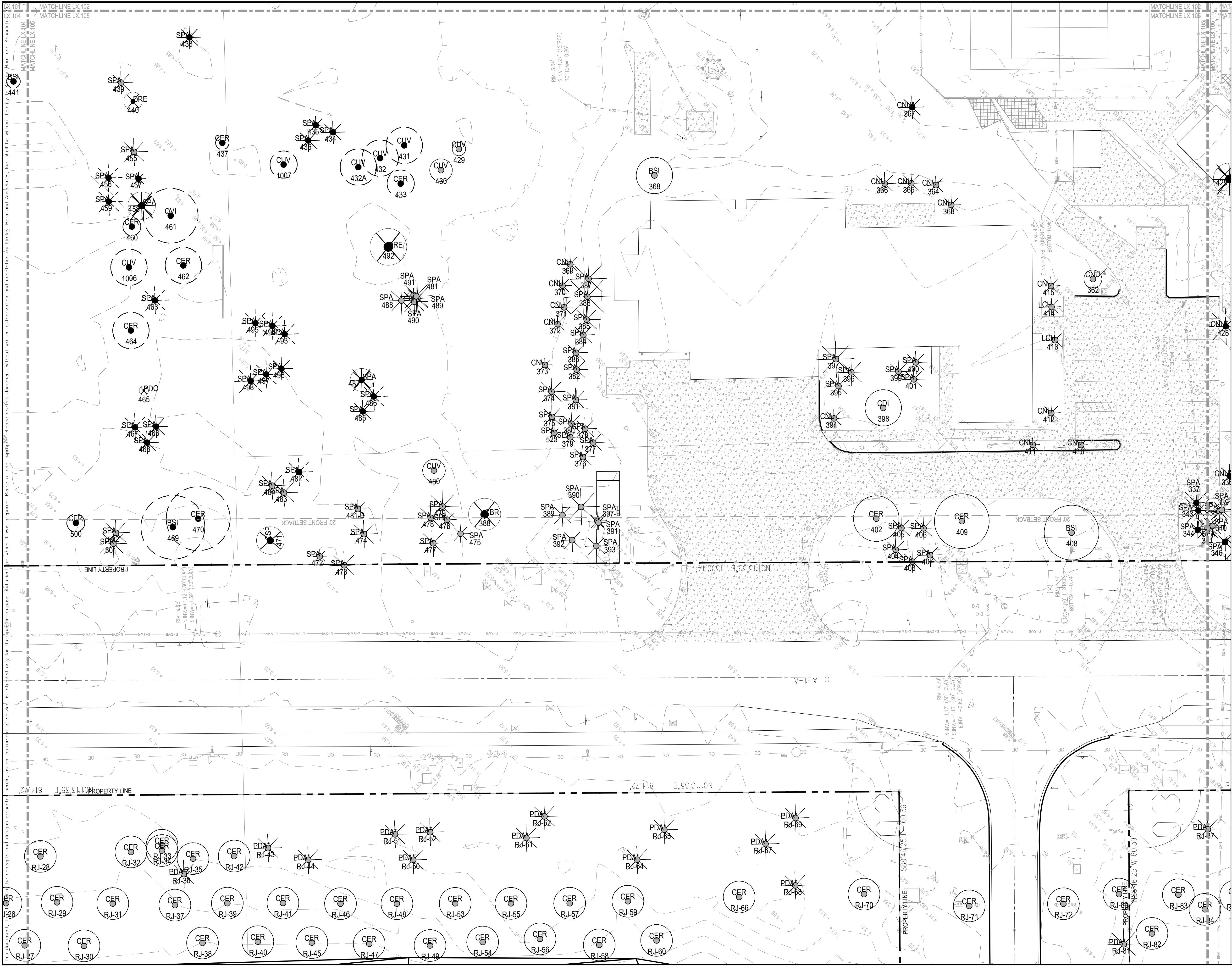
TREE DISPOSITION
PLAN NORTHWEST

SEAL OF THE TOWN OF PALM BEACH, FLORIDA

INCORPORATED APRIL 17, 1911

PHIPPS OCEAN
PARK
PREPARED FOR
TOWN OF PALM
BEACH

SHEET NUMBER
LR.104

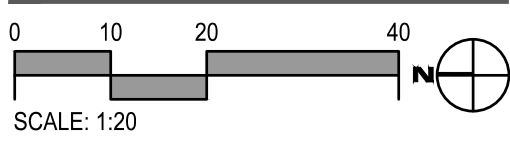


LEGEND

PROPERTY LINE
SETBACK LINE

EXISTING TO REMAIN TREES
PALMS
EXISTING TO BE REMOVED TREES
EXISTING TO BE RELOCATED TREES
EXISTING OFFSITE TO REMAIN TREES

- GENERAL NOTES:
1. TREE SURVEY BASED ON ALL AVAILABLE INFORMATION. CONTRACTOR TO REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION. RAYMOND JUNGLES, INC. MAY ASSIST WITH THE TAGGING OF ALL TREES IN THE FIELD.
 2. ALL TREES TO BE RELOCATED SHALL BE ROOT PRUNED 60 DAYS PRIOR TO THEIR RELOCATION. RJ WILL ALSO OVERSEE ANY RECOMMENDATIONS FOR FURTHER MODIFICATIONS TO ANY EXISTING MATERIAL.
 3. ALL PITS TO BE FILLED THE SAME DAY OF REMOVAL OF TREES. RESTORE SURFACE WITH SOD OR MULCH TO MATCH EXISTING CONDITIONS.
 4. CONTRACTOR SHALL VERIFY ALL EXISTING ABOVE AND UNDERGROUND UTILITIES 48 HOURS PRIOR TO ANY ON SITE EXCAVATION.
 5. SEE LR.200 FOR TREE DISPOSITION SCHEDULE.
 6. REVIEW ADDITIONAL NOTES AND SPECIFICATIONS ON SHEET LR.201 FOR RELOCATED MATERIAL.



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LANDSCAPE ARCHITECT

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ZON: 22-107

No.	REVISIONS	DATE



PROJECT No.

DATE 10/28/2022

SCALE AS SHOWN

DESIGNED BY

DRAWN BY

CHECKED BY

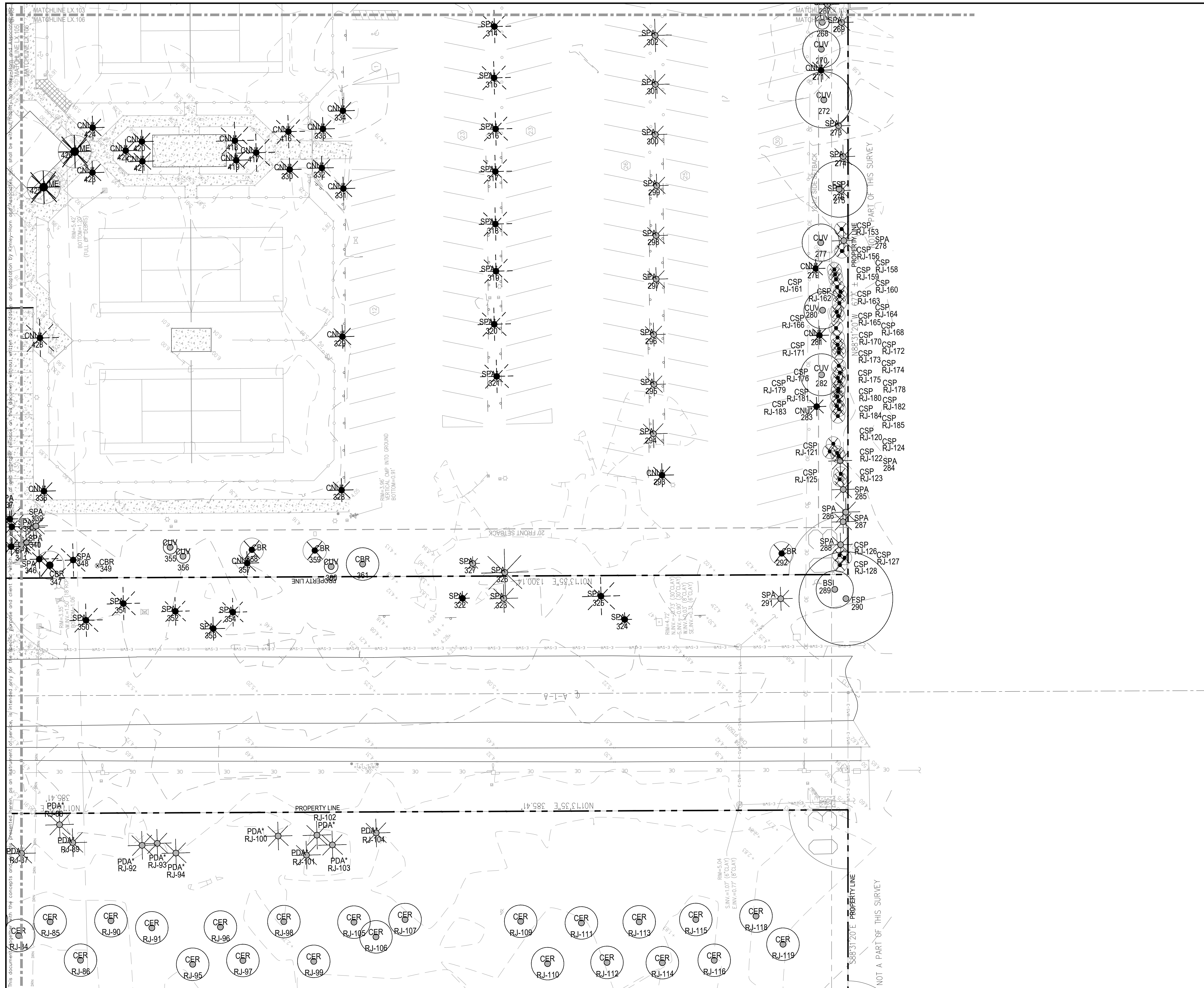
TREE DISPOSITION
PLAN CENTER WEST

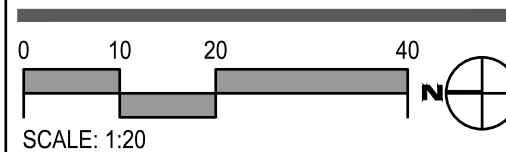


**PHIPPS OCEAN
PARK**
PREPARED FOR
TOWN OF PALM
BEACH

SHEET NUMBER

LR.105





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jungles						
Phipps Ocean Park - Master Plan - Tree Disposition List 9/23/2022						
I den.	S ymbol	Scientific Name	Common Name	Disposition	DBH	S PREAD
1	SPA	Sabal palmetto	Sabal Palm	Relocate	10"	08'
2	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	20'
3	SPA	Sabal palmetto	Sabal Palm	Relocate	10"	08'
4	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	20'
5	GDI	Guapira discolor	Blolly	Remain	22"	36'
6	FSP	Ficus aurea	Strangler Fig	Relocate	50"	06'
7	SPA	Sabal palmetto	Sabal Palm	Relocate	20"	06'
8	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
9	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
10	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
11	CNU	Cocos nucifera	Coconut Palm	Relocate	4"	06'
12	CNU	Cocos nucifera	Coconut Palm	Remove	4"	06'
13	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	20'
14	SPA	Sabal palmetto	Sabal Palm	Relocate	14"	20'
15	SPA	Sabal palmetto	Sabal Palm	Relocate	14"	20'
16	SPA	Sabal palmetto	Sabal Palm	Relocate	18"	12'
17	CUV	Coccoloba uvifera	Seagrape	Relocate	7-8"	14'
18	CUV	Coccoloba uvifera	Seagrape	Relocate	3-16"	10'
19	SPA	Sabal palmetto	Sabal Palm	Relocate	14"	06'
20	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	06'
21	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	06'
22	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	06'
23	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	06'
24	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	06'
25	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	20'
26	GDI	Guapira discolor	Blolly	Remain	16"	06'
27	FSP	Ficus aurea	Strangler Fig	Remain	8X12"	08'
28	SPA	Sabal palmetto	Sabal Palm	Relocate	14"	06'
29	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	20'
30	FSP	Ficus aurea	Strangler Fig	Remain	4-5.5"	08'
31	BSI	Bursera simaruba	Gumbo Limbo	Relocate	20"	06'
32	GDI	Guapira discolor	Blolly	Remain	20"	24'
33	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	18'
34	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
35	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	18'
36	SPA	Sabal palmetto	Sabal Palm	Relocate	10"	08'
37	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	08'
38	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	20'
39	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	18'
40	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	20'
41	SPA	Sabal palmetto	Sabal Palm	Remain	12"	20'
42	SPA	Sabal palmetto	Sabal Palm	Remain	12"	06'
43	SPA	Sabal palmetto	Sabal Palm	Remain	14"	08'
44	CUV	Coccoloba uvifera	Seagrape	Remain	6"	10'
45	CNU	Cocos nucifera	Coconut Palm	Relocate	8"	12'
46	CNU	Cocos nucifera	Coconut Palm	Relocate	8"	12'
47	SPA	Sabal palmetto	Sabal Palm	Remain	12"	20'
48	SPA	Sabal palmetto	Sabal Palm	Remain	18"	08'
49	SPA	Sabal palmetto	Sabal Palm	Remain	22"	20'
50	SPA	Sabal palmetto	Sabal Palm	Remain	18"	08'
51	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	10'
52	SPA	Sabal palmetto	Sabal Palm	Remain	20"	20'
53	SPA	Sabal palmetto	Sabal Palm	Remain	16"	06'
54	SPA	Sabal palmetto	Sabal Palm	Remain	14"	20'
55	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	10'
56	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
57	CUV	Coccoloba uvifera	Seagrape	Remain	6-8"	06'
58	SPA	Sabal palmetto	Sabal Palm	Remain	16"	08'
59	SPA	Sabal palmetto	Sabal Palm	Remain	18"	08'
60	SPA	Sabal palmetto	Sabal Palm	Remain	18"	20'
61	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
62	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
63	SPA	Sabal palmetto	Sabal Palm	Relocate	20"	08'
64	SPA	Sabal palmetto	Sabal Palm	Relocate	18"	08'
65	SPA	Sabal palmetto	Sabal Palm	Remain	10"	08'
66	CUV	Coccoloba uvifera	Seagrape	Remain	9-8"	06'
67	SPA	Sabal palmetto	Sabal Palm	Remain	12"	08'
68	SPA	Sabal palmetto	Sabal Palm	Remain	12"	08'
69	SPA	Sabal palmetto	Sabal Palm	Remain	12"	08'
70	SPA	Sabal palmetto	Sabal Palm	Relocate	14"	08'
71	FSP	Ficus aurea	Strangler Fig	Relocate	40"	24'
72	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	08'
73	BSI	Bursera simaruba	Gumbo Limbo	Relocate	6"	06'
74	BSI	Bursera simaruba	Gumbo Limbo	Relocate	10"	16'
75	SPA	Sabal palmetto	Sabal Palm	Remain	10"	08'
76	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	08'
77	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
78	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
79	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	18'
80	SPA	Sabal palmetto	Sabal Palm	Remain	14"	08'
81	SPA	Sabal palmetto	Sabal Palm	Remain	16"	08'
82	SPA	Sabal palmetto	Sabal Palm	Relocate	6"	08'
83	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	08'
84	SPA	Sabal palmetto	Sabal Palm	Relocate	10"	08'
85	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	08'
86	CNU	Cocos nucifera	Coconut Palm	Relocate	8"	06'
87	SPA	Sabal palmetto	Sabal Palm	Relocate	22"	08'
88	SPA	Sabal palmetto	Sabal Palm	Relocate	22"	08'
89	SPA	Sabal palmetto	Sabal Palm	Relocate	18"	08'
90	SPA	Sabal palmetto	Sabal Palm	Relocate	14"	08'
91	SPA	Sabal palmetto	Sabal Palm	Relocate	10"	08'
92	SPA	Sabal palmetto	Sabal Palm	Relocate	8"	08'
93	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	08'
94	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	08'
95	SPA	Sabal palmetto	Sabal Palm	Relocate	8"	08'
96	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
97	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
98	SPA	Sabal palmetto	Sabal Palm	Relocate	10"	08'
99	SPA	Sabal palmetto	Sabal Palm	Relocate	10"	08'
100	CUV	Coccoloba uvifera	Seagrape	Relocate	4-8"	06'

jungles						
Phipps Ocean Park - Master Plan - Tree Disposition List 9/23/2022						
I den.	S ymbol	Scientific Name	Common Name	Disposition	DBH	S PREAD
101	MFO	Mastichodendron foetidissium	Mastic	Relocate	2-4"	08'
102	SPA	Sabal palmetto	Sabal Palm	Relocate	10"	08'
103	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	08'
104	CNU	Cocos nucifera	Coconut Palm	Relocate	8"	06'
105	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
106	CUV	Coccoloba uvifera	Seagrape	Remain	16"	16'
107	CUV	Coccoloba uvifera	Seagrape	Remain	16"	16'
108	SPA	Sabal palmetto	Sabal Palm	Remain	22"	10'
109	CNU	Cocos nucifera	Coconut Palm	Relocate	8"	06'
110	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
111	SPA	Sabal palmetto	Sabal Palm	Remain	12"	08'
112	SPA	Sabal palmetto	Sabal Palm	Remain	12"	08'
113	SPA	Sabal palmetto	Sabal Palm	Remain	8"	08'
114	SPA	Sabal palmetto	Sabal Palm	Remain	10"	08'
115	CUV	Coccoloba uvifera	Seagrape	Remain	20"	18'
116	MFO	Mastichodendron foetidissium	Mastic	Remain	4"	08'
117	CUV	Coccoloba uvifera	Seagrape	Remain	24"	20'
118	FSP	Ficus aurea	Strangler Fig	Remain	cluster	48'
119	CUV	Coccoloba uvifera	Seagrape	Remain	3-4"	06'
120	FSP	Ficus aurea	Strangler Fig	Remain	120"	24'
121	BSI	Bursera simaruba	Gumbo Limbo	Relocate	8"	06'
122	BSI	Bursera simaruba	Gumbo Limbo	Remain	8"	20'
123	BSI	Bursera simaruba	Gumbo Limbo	Remain	8"	36'
124	BSI	Bursera simaruba	Gumbo Limbo	Remain	10"	06'
125	CNU	Cocos nucifera	Coconut Palm	Relocate	8"	06'
126	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
127	SPA	Sabal palmetto	Sabal Palm	Relocate	14"	08'
128	SPA	Sabal palmetto	Sabal Palm	Remain	12"	08'
129	SPA	Sabal palmetto	Sabal Palm	Relocate	20"	08'
130	CUV	Coccoloba uvifera	Seagrape	Relocate	8"	10'
131	SPA	Sabal palmetto	Sabal Palm	Relocate	14"	08'
132	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
133	CNU	Cocos nucifera	Coconut Palm	Relocate	6"	06'
134	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	08'
135	SPA	Sabal palmetto	Sabal Palm	Remain	10"	08'
136	SPA	Sabal palmetto	Sabal Palm	Remain	10"	08'
137	SPA	Sabal palmetto	Sabal Palm	Remain	8"	08'
138	SPA	Sabal palmetto	Sabal Palm	Relocate	12"	08'
139	SPA	Sabal palmetto	Sabal Palm	Remain	12"	08'
140	SPA	Sabal palmetto	Sabal Palm	Remain	12"	08'
141	SPA	Sabal palmetto	Sabal Palm	Remain	10"	08'
142	SPA	Sabal palmetto	Sabal Palm	Remove	10"	08'
143	CUV	Coccoloba uvifera	Seagrape	Remain	7-3"	10'
144	SPA	Sabal palmetto	Sabal Palm	Remain	10"	08'
145	SPA	Sabal palmetto	Sabal Palm	Remain	12"	08'
146	SPA	Sabal palmetto	Sabal Palm	Remain	10"	08'
147	SPA	Sabal palmetto	Sabal Palm	Remain	10"	08'
148	SPA	Sabal palmetto	Sabal Palm	Remain	10"	08'
149	SPA	Sabal palmetto	Sabal Palm	Remain		

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jungles						
Phipps Ocean Park - Master Plan - Tree Disposition List 9/23/2022						
Iden.	Symbol	Scientific Name	Common Name	Disposition	DBH	SPREAD
301	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	14'
302	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	11"	14'
303	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	14'
304	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	14'
305	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	05'
306	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	05'
307	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	7"	08'
308	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	10"	08'
309	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	12"	08'
310	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	14'
311	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	10"	14'
312	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	10"	12'
313	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	8"	12'
314	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	10"	12'
315	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	9"	12'
316	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	11"	12'
317	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	10"	12'
318	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	9"	12'
319	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	9"	12'
320	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	8"	06'
321	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	11"	06'
322	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	15"	06'
323	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	15"	12'
324	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	10"	06'
325	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	15"	20'
326	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	20'
327	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	06'
328	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	8"	10'
329	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	6"	08'
330	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	8"	06'
331	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	6"	06'
332	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	6"	06'
333	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	8"	08'
334	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	8"	08'
335	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	8"	08'
336	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	6"	08'
337	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	18"	12'
338	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	10'
339	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	8"	10'
340	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	10'
341	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	12'
343	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	12"	10'
344	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	14"	08'
345	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	16"	16'
346	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	14"	16'
347	CBR	<i>Calophyllum brasiliense</i>	Brazil Beauty Leaf	Remove	10"	
348	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	12"	12'
349	CBR	<i>Calophyllum brasiliense</i>	Brazil Beauty Leaf	Remove	12"	
350	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	12"	12'
351	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	12"	12'
352	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	16"	12'
353	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	12"	10'
354	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	12"	10'
355	CUV	<i>Coccoloba uvifera</i>	Seagrape	Remain	8"	06'
356	CUV	<i>Coccoloba uvifera</i>	Seagrape	Remain	8"	06'
357	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	10"	08'
358	CBR	<i>Calophyllum brasiliense</i>	Brazil Beauty Leaf	Remove	18"	
359	CBR	<i>Calophyllum brasiliense</i>	Brazil Beauty Leaf	Remove	8"	
360	CUV	<i>Coccoloba uvifera</i>	Seagrape	Remain	10"	06'
361	CBR	<i>Calophyllum brasiliense</i>	Brazil Beauty Leaf	Remain	12"	14'
362	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	24"	08'
363	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	12"	08'
364	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	14"	08'
365	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	12"	10'
366	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	12"	10'
367	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	8"	08'
368	BSI	<i>Bursera simaruba</i>	Gumbo Limbo	Remain	14"	16'
369	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	12"	08'
370	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	12"	08'
371	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	14"	08'
372	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	12"	08'
373	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	12"	06'
374	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	12'
375	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	10'
376	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	10'
377	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	10'
378	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	10'
379	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	16"	06'
380	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	10'
381	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	10'
382	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	10'
383	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	16"	10'
384	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	10'
385	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	12'
386	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	20'
387	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	16'
388	CBR	<i>Calophyllum brasiliense</i>	Brazil Beauty Leaf	Remove	30"	14'
389	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	10'
390	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	16'
391	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	06'
392	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	10'
393	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	10'
394	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	10"	08'
395	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	10'
396	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	14"	12'
397	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	16'
397-B	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	08'
398	CDI	<i>Coccoloba diversifolia</i>	Pigeon Plum	Remain	14"	16'
399	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	10'
400	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	8"	10'

jungles						
Phipps Ocean Park - Master Plan - Tree Disposition List 9/23/2022						
Iden.	Symbol	Scientific Name	Common Name	Disposition	DBH	SPREAD
401	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	10'
402	CER	<i>Conocarpus erectus</i>	Green Buttonwood	Remain	22"	20'
403	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	10'
404	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	10'
405	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	10'
406	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	12"	10'
407	SPA	<i>Sabal palmetto</i>	Sabal Palm	Remain	10"	10'
408	BSI	<i>Bursera simaruba</i>	Gumbo Limbo	Remain	24"	24'
409	CER	<i>Conocarpus erectus</i>	Green Buttonwood	Remain	30"	24'
410	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	8"	06'
411	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	8"	06'
412	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	6"	08'
413	LCH	<i>Livistonia chinensis</i>	Chinese Fan Palm	Remain	3-6"	08'
414	LCH	<i>Livistonia chinensis</i>	Chinese Fan Palm	Remain	3-6"	08'
415	CNU	<i>Cocos nucifera</i>	Coconut Palm	Remain	8"	08'
416	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	6"	20'
417	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	10"	20'
418	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	6"	20'
419	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	8"	08'
420	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	6"	08'
421	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	6"	08'
422	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	8"	08'
423	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	6"	08'
424	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	10"	08'
425	VME	<i>Veitchia meirillii</i>	Christmas Palm	Remove	6"	14'
426	VME	<i>Veitchia meirillii</i>	Christmas Palm	Remove	3-6"	14'
428	CNU	<i>Cocos nucifera</i>	Coconut Palm	Relocate	8"	20'
429	CUV	<i>Coccoloba uvifera</i>	Seagrape	Remain	16"	06'
430	CUV	<i>Coccoloba uvifera</i>	Seagrape	Remain	16"	10'
431	CUV	<i>Coccoloba uvifera</i>	Seagrape	Relocate	16"	16'
432	CUV	<i>Coccoloba uvifera</i>	Seagrape	Relocate	12"	16'
432A	CUV	<i>Coccoloba uvifera</i>	Seagrape	Relocate	12"	16'
433	CER	<i>Conocarpus erectus</i>	Green Buttonwood	Relocate	4"	18'
434	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	12"	10'
435	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	10"	08'
436	SPA	<i>Sabal palmetto</i>	Sabal Palm	Relocate	12"	10'
437	CER	<i>Conocarpus erectus</i>	Green Buttonwood	Relocate	12"	06'
438	SPA					

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jungles						
Phipps Ocean Park - Master Plan - Tree Disposition List 9/23/2022						
Iden.	Symbol	Scientific Name	Common Name	Disposition	DBH	SPREAD
RJ-33	CER	Conocarpus erectus	Green Buttonwood	Remain	18"	
RJ-34	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-35	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-36	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	15"	
RJ-37	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-38	CER	Conocarpus erectus	Green Buttonwood	Remain	10"	
RJ-39	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-40	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-41	CER	Conocarpus erectus	Green Buttonwood	Remain	6"	
RJ-42	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-43	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	12"	
RJ-44	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	12"	
RJ-45	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-46	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-47	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-48	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-49	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-50	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	20"	
RJ-51	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	14"	
RJ-52	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	14"	
RJ-53	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-54	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-55	CER	Conocarpus erectus	Green Buttonwood	Remain	10"	
RJ-56	CER	Conocarpus erectus	Green Buttonwood	Remain	10"	
RJ-57	CER	Conocarpus erectus	Green Buttonwood	Remain	15"	
RJ-58	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-59	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-60	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-61	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	24"	
RJ-62	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	12"	
RJ-63	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	12"	
RJ-64	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	12"	
RJ-65	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	15"	
RJ-66	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-67	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	15"	
RJ-68	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	18"	
RJ-69	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	15"	
RJ-70	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-71	CER	Conocarpus erectus	Green Buttonwood	Remain	20"	
RJ-72	CER	Conocarpus erectus	Green Buttonwood	Remain	24"	
RJ-73	CER	Conocarpus erectus	Green Buttonwood	Remain	30"	
RJ-74	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-75	CER	Conocarpus erectus	Green Buttonwood	Remain	48"	
RJ-76	CER	Conocarpus erectus	Green Buttonwood	Remain	36"	
RJ-77	CER	Conocarpus erectus	Green Buttonwood	Remain	15"	
RJ-78	CER	Conocarpus erectus	Green Buttonwood	Remain	36"	
RJ-79	CER	Conocarpus erectus	Green Buttonwood	Remain	30"	
RJ-80	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-81	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	15"	
RJ-82	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-83	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-84	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-85	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-86	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-87	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	14"	
RJ-88	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	14"	
RJ-89	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	12"	
RJ-90	CER	Conocarpus erectus	Green Buttonwood	Remain	15"	
RJ-91	CER	Conocarpus erectus	Green Buttonwood	Remain	8"	
RJ-92	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	24"	
RJ-93	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	12"	
RJ-94	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	30"	
RJ-95	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-96	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-97	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-98	CER	Conocarpus erectus	Green Buttonwood	Remain	15"	
RJ-99	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-100	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	24"	
RJ-101	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	15"	
RJ-102	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	12"	
RJ-103	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	18"	
RJ-104	PDA	Phoenix dactylifera 'Medjool'	Medjool Date Palm	Remain	15"	
RJ-105	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-106	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-107	CER	Conocarpus erectus	Green Buttonwood	Remain	15"	
RJ-108	SPA	Sabal palmetto	Sabal Palm	Remain	14"	
RJ-109	CER	Conocarpus erectus	Green Buttonwood	Remain	15"	
RJ-110	CER	Conocarpus erectus	Green Buttonwood	Remain	18"	
RJ-111	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-112	CER	Conocarpus erectus	Green Buttonwood	Remain	15"	
RJ-113	CER	Conocarpus erectus	Green Buttonwood	Remain	25"	
RJ-114	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-115	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-116	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-117	SPA	Sabal palmetto	Sabal Palm	Remain	12"	
RJ-118	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-119	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-120	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-121	CSP	Casuarina spp.	Australian Pine	Remove	8"	
RJ-122	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-123	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-124	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-125	CSP	Casuarina spp.	Australian Pine	Remove	8"	
RJ-126	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-127	CSP	Casuarina spp.	Australian Pine	Remove	8"	
RJ-128	CSP	Casuarina spp.	Australian Pine	Remove	8"	
RJ-129	SPA	Sabal palmetto	Sabal Palm	Relocate	16"	
RJ-130	SPA	Sabal palmetto	Sabal Palm	Relocate	16"	
RJ-131	SPA	Sabal palmetto	Sabal Palm	Remain	10"	
RJ-132	SPA	Sabal palmetto	Sabal Palm	Remain	12"	

jungles						
Phipps Ocean Park - Master Plan - Tree Disposition List 9/23/2022						
Iden.	Symbol	Scientific Name	Common Name	Disposition	DBH	SPREAD
RJ-133	SPA	Sabal palmetto	Sabal Palm	Remain	18"	
RJ-134	SPA	Sabal palmetto	Sabal Palm	Remain	10"	
RJ-135	SPA	Sabal palmetto	Sabal Palm	Remove	10"	
RJ-136	SPA	Sabal palmetto	Sabal Palm	Remain	12"	
RJ-137	SPA	Sabal palmetto	Sabal Palm	Remain	10"	
RJ-138	SPA	Sabal palmetto	Sabal Palm	Remain	12"	
RJ-139	SPA	Sabal palmetto	Sabal Palm	Remain	12"	
RJ-140	SPA	Sabal palmetto	Sabal Palm	Remove	12"	
RJ-141	SPA	Sabal palmetto	Sabal Palm	Relocate	18"	
RJ-142	SPA	Sabal palmetto	Sabal Palm	Remove	10"	
RJ-143	CUV	Coccoloba uvifera	Seagrape	Relocate	10"	
RJ-144	SPA	Sabal palmetto	Sabal Palm	Relocate	10"	
RJ-145	SPA	Sabal palmetto	Sabal Palm	Relocate	8"	
RJ-146	SPA	Sabal palmetto	Sabal Palm	Remain	6"	
RJ-147	SPA	Sabal palmetto	Sabal Palm	Remain	10"	
RJ-148	SPA	Sabal palmetto	Sabal Palm	Remain	10"	
RJ-149	SPA	Sabal palmetto	Sabal Palm	Remain	14"	
RJ-150	SPA	Sabal palmetto	Sabal Palm	Remain	14"	
RJ-151	SPA	Sabal palmetto	Sabal Palm	Remain	14"	
RJ-152	SPA	Sabal palmetto	Sabal Palm	Relocate	16"	
RJ-153	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-154	CER	Conocarpus erectus	Green Buttonwood	Remain	36"	
RJ-155	CER	Conocarpus erectus	Green Buttonwood	Remain	36"	
RJ-156	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-157	CER	Conocarpus erectus	Green Buttonwood	Remain	14"	
RJ-158	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-159	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-160	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-161	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-162	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-163	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-164	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-165	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-166	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-167	CER	Conocarpus erectus	Green Buttonwood	Remain	12"	
RJ-168	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-169	CER	Conocarpus erectus	Green Buttonwood	Remain	18"	
RJ-170	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-171	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-172	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-173	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-174	CSP	Casuarina spp.	Australian Pine	Remove	6"	
RJ-175	CSP	Casuarina spp.	Australian Pine	Remove	4"	
RJ-176	CSP	Casuarina spp.	Australian Pine	Remove	6"	

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TREE / PALM PROTECTION NOTES

1. CONTRACTOR QUALIFICATIONS

- 1.1. CONTRACTOR MUST BE A LICENSED LANDSCAPE CONTRACTOR.
1.2. CONTRACTOR MUST HAVE A MINIMUM OF 10 YEARS OF PROVEN EXPERIENCE RELOCATING LARGE SPECIMEN TREES AND PALMS IN SOUTH FLORIDA.
1.3. CONTRACTOR MUST HAVE PROVEN EXPERIENCE RELOCATING TREES AND PALMS OF THE SAME SPECIES AND SIZE AS THOSE TO BE RELOCATED FOR THE CURRENT PROJECT.
1.4. CONTRACTOR MUST HAVE A CERTIFIED ARBORIST ON STAFF.

2. CONTRACTOR REQUIREMENTS

- 2.1. CONTRACTOR MUST VISIT THE JOBSITE AND INSPECT ALL TREES AND PALMS TO BE RELOCATED AS WELL AS EXISTING SITE CONDITIONS AND RESTRICTIONS PRIOR TO PREPARING BID.
2.2. CONTRACTOR MUST VERIFY AND ENSURE THAT ALL TREES AND PALMS IDENTIFIED ON THE PLANS AND THOSE TAGGED ON THE JOBSITE CORRESPOND AS TO NUMBER AND DESCRIPTION. ANY DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY, PRIOR TO PREPARING BID.
2.3. CONTRACTOR MUST CONDUCT ALL WORK ASSOCIATED WITH RELOCATION AND MAINTENANCE OF TREES AND PALMS TO BE RELOCATED. NO WORK IS TO BE SUBCONTRACTED WITHOUT PRIOR WRITTEN CONSENT OF THE OWNER AND/OR LANDSCAPE ARCHITECT.
2.4. CONTRACTOR MUST DESIGNATE A COMPETENT, ENGLISH-SPEAKING SUPERVISOR OR FOREMAN TO OVERSEE AND DIRECT ALL RELOCATION AND MAINTENANCE ACTIVITIES AS OUTLINED IN THESE SPECIFICATIONS.
2.5. CONTRACTOR MUST SCHEDULE ROOT PRUNING TO PROVIDE THE MAXIMUM POSSIBLE TIME FOR NEW ROOT GROWTH. EVEN TREES AND PALMS THAT TYPICALLY DO NOT REQUIRE LONG (OR ANY) ROOT PRUNING WILL BENEFIT FROM MORE ROOT PRUNING TIME; THEREFORE, ALL TREES AND PALMS TO BE RELOCATED MUST BE ROOT PRUNED. CONTRACTOR MUST PROVIDE A ROOT PRUNE SCHEDULE FOR EACH TREE OR PALM TO BE RELOCATED AS AN ATTACHMENT TO THE BID.
2.6. CONTRACTOR MUST CALL SUNSHINE 811 TO HAVE ALL UNDERGROUND UTILITIES LOCATED UNDER OR IN THE VICINITY OF THE CURRENT OR FUTURE LOCATIONS OF ALL TREES AND PALMS TO BE RELOCATED PRIOR TO WORK COMMENCING.
2.7. CONTRACTOR MUST VERIFY WITH THE GENERAL CONTRACTOR THE ABSENCE OF ANY UNDERGROUND CONSTRUCTION OR OBSTRUCTIONS (E.G., BULKHEADS, SEPTIC SYSTEMS, ETC.) IN THE CURRENT AND FUTURE LOCATIONS OF ALL TREES AND PALMS TO BE RELOCATED.
2.8. CONTRACTOR MUST ALERT THE LANDSCAPE ARCHITECT OF ANY TREES OR PALMS THAT WILL NOT SUCCESSFULLY RELOCATE DUE TO POOR HEALTH PRIOR TO BEGINNING ROOT PRUNING.
2.9. CONTRACTOR MUST FLAG ALL PROPOSED TRANSPLANT LOCATIONS FOR THE LANDSCAPE ARCHITECT'S APPROVAL A MINIMUM OF 15 DAYS PRIOR TO RELOCATION.
2.10. CONTRACTOR MUST ENSURE THAT ALL TREES AND PALMS TO BE RELOCATED ARE INSTALLED AT THE CORRECT GRADE OR ELEVATION, ACCORDING TO THE GRADING PLAN.
2.11. CONTRACTOR MUST ENSURE THAT ALL ROOT FLARES ARE EXPOSED AFTER RELOCATION.
2.12. CONTRACTOR MUST REMOVE ALL RESIDUAL ROOTS, STUMPS, AND PORTIONS THEREOF AND BACKFILL PITS FROM WHICH RELOCATED TREES AND PALMS WERE REMOVED WITH CLEAN FILL FLUSH WITH THE SURROUNDING GRADE.
2.13. CONTRACTOR MUST REPAIR ANY DAMAGE TO OTHER PLANTS, LAWN, HARDSCAPES, OR NEW CONSTRUCTION WITHIN THE RELOCATION AREA AT CONTRACTOR'S EXPENSE. HARDSCAPES INCLUDE BUT ARE NOT LIMITED TO CURBS, WALKS, ROADS, FENCES, SITE FURNISHINGS, ETC.
2.14. CONTRACTOR MUST PHOTOGRAPHICALLY DOCUMENT NEW ROOT GROWTH FOLLOWING EACH ROOT PRUNE AND SUBMIT THIS DOCUMENTATION TO THE LANDSCAPE ARCHITECT. THE PURPOSE OF THIS REQUIREMENT IS TO ENSURE THAT SUFFICIENT ROOT GROWTH HAS OCCURRED PRIOR TO THE SECOND AND SUBSEQUENT ROOT PRUNES AND FOLLOWING THE FINAL ROOT PRUNE PRIOR TO RELOCATION.
2.15. CONTRACTOR MUST INSTALL AND MAINTAIN PROTECTION FENCING AROUND EACH TREE AND PALM TO BE RELOCATED BOTH DURING ROOT PRUNING AND AFTER RELOCATION. PROTECTION FENCING MUST CONSIST OF GALVANIZED WELDED WIRE FABRIC OR PLASTIC MESH ATTACHED TO 4" X 4" POSTS INSERTED AROUND THE PERIMETER OF THE DRIPLINE OF THE TREE OR PALM. PROTECTION FENCING MUST BE PLUMB, TAUT, AND STURDY AT ALL TIMES AND MUST REMAIN IN PLACE THROUGHOUT THE ROOT PRUNING AND WARRANTY PERIODS, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT.
2.16. CONTRACTOR MUST OBTAIN ALL NECESSARY OR REQUIRED PERMITS FOR THE RELOCATION AND TRANSPORTATION OF THE TREES AND PALMS TO BE RELOCATED.
2.17. CONTRACTOR MUST REPLACE ANY TREES OR PALMS SCARRED OR DAMAGED DURING RELOCATION, AT THE CONTRACTOR'S EXPENSE, WITH THE SAME OR SIMILAR SPECIES, SIZE, AND QUALITY. REPLACEMENT TREES OR PALMS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, PREPARATION, AND/OR INSTALLATION. REPLACEMENT TREES AND PALMS MUST BE INSTALLED WITHIN 60 DAYS OF NOTICE.
2.18. CONTRACTOR MUST GUARANTEE ALL RELOCATED TREES AND PALMS FOR ONE YEAR FROM THE DATE OF RELOCATION TO THE FINAL LOCATION. GUARANTEE MUST INCLUDE TREE HEALTH AND SETTLING.
2.19. CONTRACTOR MUST PROVIDE ALL MATERIAL NECESSARY TO PERFORM THE WORK COVERED HEREIN, INCLUDING BUT NOT LIMITED TO: BACKFILL MATERIAL, PROTECTION FENCING, FLAGGING, ADDITIVES AND SUPPLEMENTS, TEMPORARY IRRIGATION, BURLAP, WIRE, SHRINK WRAP, AND ALL NECESSARY TOOLS AND EQUIPMENT.

3. ROOT PRUNING SPECIFICATIONS

3.1. GENERAL

- 3.1.1. ALL TREES AND PALMS TO BE RELOCATED MUST BE WATERED DAILY FOR AT LEAST 2-3 DAYS PRIOR TO ANY ROOTS BEING CUT TO ENSURE THAT THEY ARE FULLY HYDRATED. EACH WATERING MUST THOROUGHLY SATURATE THE ROOTBALL TO ITS FULL DEPTH.
3.1.2. EACH TREE AND PALM MUST THEN BE WATERED EVERY OTHER DAY, NOT RELYING ON RAIN, DURING THE ENTIRE ROOT PRUNING PROCESS EITHER BY A TEMPORARY IRRIGATION SYSTEM OR BY HAND. EACH WATERING MUST THOROUGHLY SATURATE THE ROOTBALL TO ITS FULL DEPTH.
3.1.3. TREE AND PALM RELOCATION ACTIVITIES MUST BE SCHEDULED SO THAT REMOVAL AND REPLANTING TAKE PLACE IN THE SAME 24-HOUR PERIOD. NO TREES OR PALMS MAY BE "STOCKPILED" ONSITE OR OFFSITE FOR ANY PERIOD OF TIME WITHOUT PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT. WHEN ALLOWED, APPROVAL FOR THE METHOD OF "STOCKPIILING" MUST BE OBTAINED FROM THE LANDSCAPE ARCHITECT.
3.1.4. ALL DIGGING IN THE ROOT ZONE DURING THE ROOT PRUNE PROCESS MUST BE DONE BY HAND; NO MACHINERY WILL BE ALLOWED. PRUNING OF ROOTS MUST BE DONE BY HAND WITH CLEAN, SHARP TOOLS. DO NOT PAINT CUT ROOTS WITH TREE PAINT OR ANY KIND OF SEALANT.
3.1.5. MYCORRHIZA (ROOTS® TRANSPLANT OR EQUIVALENT) MUST BE INCORPORATED INTO THE BACKFILL SOIL PRIOR TO BACKFILLING AS PER MANUFACTURER'S RECOMMENDATIONS.
3.1.6. AFTER EACH ROOT PRUNE, EACH SECTION OF ROOTBALL THAT IS PRUNED MUST BE WRAPPED WITH BLACK PLASTIC AND THE TRENCH BACKFILLED WITH ORIGINAL EXCAVATED SOIL. A TREE RING WITH A MINIMUM HEIGHT OF 6" MUST BE CONSTRUCTED 6-12" OUTSIDE THE OUTERMOST EDGE OF THE ROOTBALL AND AROUND THE ENTIRE PERIMETER OF THE ROOTBALL TO DIRECT IRRIGATION WATER AND ANY ADDED SUPPLEMENTS DOWN INTO THE ROOTBALL DURING ROOT REGENERATION.
3.1.7. ONCE THE TREE RING IS CONSTRUCTED AFTER EACH ROOT PRUNE, A HIGH-PHOSPHORUS ROOT STIMULANT MUST BE LIBERALLY APPLIED TO THE SURFACE OF THE ROOTBALL AND THOROUGHLY WATERED IN TO ENCOURAGE NEW ROOT GROWTH.

3.2. TREES

- 3.2.1. PRIOR TO ANY ROOTS BEING CUT, ALL MAJOR ROOTS MUST BE IDENTIFIED TO DETERMINE THE ROOTBALL DIAMETER BASED ON THE RELATIVE LOCATION AND SIZE OF THE ROOTS.
3.2.2. MANY TREE RELOCATION SPECIFICATIONS USE "GENERAL RULES" TO CALCULATE MINIMUM ROOTBALL DIAMETER, SUCH AS MULTIPLYING THE DIAMETER AT BREAST HEIGHT (DBH) OF THE TREE BY A FACTOR OF 10 OR ALLOWING A MINIMUM OF 9'-12" OF ROOTBALL FOR EVERY 1" OF TREE CALIPER. OTHERS LIST UNREALISTIC MINIMUM SIZES FOR THE ROOTBALLS OR VARIOUS TREE CALIPERS OR HEIGHTS. IN MANY CASES, SUCH APPROACHES RESULT IN ROOTBALLS THAT ARE EITHER TOO LARGE OR TOO SMALL FOR A GIVEN TREE. THE FOLLOWING TABLE LISTS MINIMUM ROOTBALL DIAMETERS BASED ON REAL-WORLD EXPERIENCE OF TREE RELOCATION SPECIALISTS IN SOUTH FLORIDA:

CALIPER (inches)	MIN. ROOTBALL DIA. (feet)	CALIPER (inches)	MIN. ROOTBALL DIA. (feet)
1 - 4	3	12 - 14	8
4 - 5	4	15 - 17	10
6 - 7	5	18 - 24	12 - 15
8 - 9	6	25 - 30	15 - 25
10 - 11	7	30 +	as needed

- 3.2.3. WHENEVER POSSIBLE, ROOTBALLS MUST BE CIRCULAR IN SHAPE WITH AN EQUAL DISTANCE FROM THE TRUNK TO THE EDGE OF THE ROOTBALL ALL AROUND.
3.2.4. MINIMUM ROOTBALL DEPTH MUST BE 24"-36" FOR ALL TREES TO BE RELOCATED, WITH THE ACTUAL DEPTH TO BE DETERMINED ONLY AFTER A THOROUGH EXAMINATION OF ALL ROOTS DURING THE INITIAL ROOT INSPECTION AND BASED ON THE ABSENCE OF MAJOR ROOTS AT THE BOTTOM OF THE ROOTBALL. ROOTBALLS DEEPER THAN 36" MAY BE REQUIRED FOR LARGE SPECIMEN TREES, DEPENDING ON THE RELATIVE LOCATIONS AND DEPTHS OF THE MAJOR ROOTS AS OBSERVED DURING THE INITIAL ROOT INSPECTION.

- 3.2.5. AS A GENERAL RULE, MINIMUM ROOT PRUNE TIME FOR TREES WITH A DBH OF LESS THAN 10" IS 12 WEEKS. THE FIRST ROOT PRUNE MUST BE ON TWO OPPOSING SIDES OF THE ROOTBALL, WITH THE SECOND ROOT PRUNE ON ONE OF THE OTHER TWO SIDES DONE A MINIMUM OF 6 WEEKS LATER, AND A THIRD ROOT PRUNE ON THE LAST SIDE DONE A MINIMUM OF 3 WEEKS AFTER THAT. THE SECOND AND THIRD ROOT PRUNES MAY ONLY BE DONE WHEN HEALTHY NEW ROOT GROWTH FROM EARLIER ROOT PRUNES IS EVIDENT (SEE SECTION 2.14 ABOVE FOR SPECIFICATIONS ON PHOTOGRAPHICALLY DOCUMENTING NEW ROOT GROWTH DURING THE ROOT PRUNE PROCESS). MORE TIME MAY BE NEEDED DURING THE COOLER MONTHS OF THE YEAR.

- 3.2.6. AS A GENERAL RULE, MINIMUM ROOT PRUNE TIME FOR TREES WITH A DBH OF 10" OR GREATER IS 24 WEEKS. THE FIRST ROOT PRUNE MUST BE ON TWO OPPOSING SIDES OF THE ROOTBALL, WITH THE SECOND ROOT PRUNE ON ONE OF THE OTHER TWO SIDES DONE A MINIMUM OF 12 WEEKS LATER, AND A THIRD ROOT PRUNE ON THE LAST SIDE DONE A MINIMUM OF 6 WEEKS AFTER THAT. THE SECOND AND THIRD ROOT PRUNES MAY ONLY BE DONE WHEN HEALTHY NEW ROOT GROWTH FROM EARLIER ROOT PRUNES IS EVIDENT (SEE SECTION 2.14 ABOVE FOR SPECIFICATIONS ON PHOTOGRAPHICALLY DOCUMENTING NEW ROOT GROWTH DURING THE ROOT PRUNE PROCESS). MORE TIME MAY BE NEEDED DURING THE COOLER MONTHS OF THE YEAR.

- 3.2.7. CERTAIN HARDWOOD TREES AND GYMNASPERMS REQUIRE LONGER ROOT PRUNING TIMES. THESE INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
- AVOCADO (PERSEA AMERICANA)
 - BLACK OLIVE (BUCIDA BUCERAS)
 - BRIDALVEIL (CAESALPINIA GRANADILLO)
 - CASSIAS (ALL SPECIES OF CASSIA)
 - LIGNUM VITAE (GUAIAECUM SANCTUM & G. OFFICINALE)
 - PODOCARPUS (PODOCARPUS SP.)
 - LIVE OAK (QUERCUS VIRGINIANA)
 - MAHOGANY (SWietenia mahagoni)
 - MANGO (MANGIFERA INDICA)
 - PIGEON PLUM (COCOOLoba diversifolia)
 - SWEET ACACIA (ACACIA FARNESIANA)
 - VERAWOOD (BULNESIA ARBOREA)
 - WILD TAMARIND (LYSILOMA LATISLIQUUM & L. SABICU)

FOR THESE TREES, THE MINIMUM ROOT PRUNE TIMES DISCUSSED IN SECTIONS 3.2.5 AND 3.2.6 ABOVE MAY BE INSUFFICIENT. ONLY WHEN SUFFICIENT NEW ROOT GROWTH HAS TAKEN PLACE FOLLOWING AN EARLIER ROOT PRUNE CAN THE NEXT ROOT PRUNE BE DONE, AND ONLY WHEN SUFFICIENT NEW ROOT GROWTH HAS TAKEN PLACE FOLLOWING THE FINAL ROOT PRUNE MAY THE TREE BE RELOCATED (SEE SECTION 2.14 ABOVE FOR SPECIFICATIONS ON PHOTOGRAPHICALLY DOCUMENTING NEW ROOT GROWTH DURING THE ROOT PRUNE PROCESS).

3.3. PALMS

- 3.3.1. THE FOLLOWING TABLE LISTS MINIMUM ROOTBALL DIAMETERS FOR VARIOUS SPECIES OF PALMS BASED ON REAL-WORLD EXPERIENCE OF RELOCATION SPECIALISTS IN SOUTH FLORIDA:

PALM SPECIES	ROOTBALL SPECIFICATIONS
SABAL / CABBAGE PALM	36" diameter
QUEEN & FOX TAIL PALMS	12" from trunk in all directions
ROYAL & COCONUT PALMS	18" - 24" from trunk in all directions
CANARY DATE PALM	24" from trunk in all directions
SLOW-GROWING PALMS	24" from trunk in all directions

- 3.3.2. PALM ROOTBALLS MUST BE A MINIMUM OF 24" DEEP. WHENEVER POSSIBLE, ROOTBALLS MUST BE CIRCULAR IN SHAPE WITH AN EQUAL DISTANCE FROM THE TRUNK TO THE EDGE OF THE ROOTBALL ALL AROUND.

- 3.3.3. AS A GENERAL RULE, MINIMUM ROOT PRUNE TIME FOR PALMS IS 6-8 WEEKS. THE FIRST ROOT PRUNE MUST BE ON TWO OPPOSING SIDES OF THE ROOTBALL, WITH THE SECOND ROOT PRUNE ON ONE OF THE OTHER TWO SIDES DONE A MINIMUM OF 3-4 WEEKS LATER, AND A THIRD ROOT PRUNE ON THE LAST SIDE DONE A MINIMUM OF 4-6 WEEKS AFTER THAT. THE SECOND AND THIRD ROOT PRUNES MAY ONLY BE DONE WHEN HEALTHY NEW ROOT GROWTH FROM EARLIER ROOT PRUNES IS EVIDENT (SEE SECTION 2.14 ABOVE FOR SPECIFICATIONS ON PHOTOGRAPHICALLY DOCUMENTING NEW ROOT GROWTH DURING THE ROOT PRUNE PROCESS). MORE TIME MAY BE NEEDED DURING THE COOLER MONTHS OF THE YEAR.

- 3.4.4. CERTAIN PALMS, IN PARTICULAR THOSE THAT ARE SLOW GROWING, REQUIRE LONGER ROOT PRUNING TIME. THESE INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
- ALL SPECIES OF ARCHONTOPHENIX
 - ALL SPECIES OF CORYPHA
 - AMERICAN OIL PALMS (ALL SPECIES OF ATTALEA)
 - BISMARCK PALM (BISMARCKIA NOBILIS)
 - CUBAN A CARIBBEAN COPERNICIA
 - CUBAN BELLY PALM (GASTROCOCCOS CRISPA)
 - GINGERBREAD/DOLM PALMS (ALL SPECIES OF HYPHAENE)
 - PALMYRA PALMS (ALL SPECIES OF BORASSUS)
 - SATAKE PALM (SATAKENTIA LUKIUNENSIS)
 - SAW PALMETTO (SERENOA REPENS)
 - SILVER PALM (COCOTHRINAX ARGENTATA)
 - ZOMBIE PALM (ZOMBIA ANTILLARUM)

FOR THESE PALMS, THE MINIMUM ROOT PRUNING TIME IS 4-6 MONTHS OR GREATER. ONLY WHEN SUFFICIENT NEW ROOT GROWTH HAS TAKEN PLACE FOLLOWING AN EARLIER ROOT PRUNE CAN THE NEXT ROOT PRUNE BE DONE, AND ONLY WHEN SUFFICIENT NEW ROOT GROWTH HAS TAKEN PLACE FOLLOWING THE FINAL ROOT PRUNE MAY THE TREE BE RELOCATED (SEE SECTION 2.14 ABOVE FOR SPECIFICATIONS ON PHOTOGRAPHICALLY DOCUMENTING NEW ROOT GROWTH DURING THE ROOT PRUNE PROCESS).

4. CANOPY PRUNING SPECIFICATIONS

4.1. TREES

- 4.1.1. PRIOR TO RELOCATION, THE CANOPY OF EACH TREE TO BE RELOCATED MUST BE SELECTIVELY PRUNED TO REMOVE CROSSING, DEAD, DISEASED, BROKEN, AND LOW-HANGING BRANCHES THAT MAY INTERFERE WITH CONSTRUCTION ACTIVITIES, OR THAT MAY INTERFERE OR RESTRICT STRAPPING OR LIFTING THE TREE DURING RELOCATION.
4.1.2. FOR TREES BEING RELOCATED ONSITE, THE CANOPY MAY BE SELECTIVELY THINNED AND REDUCED BY NO MORE THAN 1/3 OF THE OVERALL CANOPY MASS, AT THE DIRECTION OF THE LANDSCAPE ARCHITECT; HOWEVER, THE BASIC SHAPE, FORM, AND CHARACTER OF THE TREE MUST BE PRESERVED.
4.1.3. FOR TREES BEING RELOCATED OFFSITE, THE CANOPY MUST BE PRUNED, AT THE DIRECTION OF THE LANDSCAPE ARCHITECT, TO FIT ON THE TRAILER FOR TRANSPORT. EVERY EFFORT MUST BE MADE TO RETAIN AS MANY LARGE BRANCHES AS POSSIBLE AND TO PRESERVE AS MUCH OF THE SHAPE, FORM, AND CHARACTER OF THE TREE AS POSSIBLE TO THE WIDEST LOAD WIDTH ALLOWABLE BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. CONTRACTOR MUST OBTAIN ALL NECESSARY PERMITS AND ESCORTS TO TRANSPORT WIDE LOADS, PER FLORIDA LAW.
4.1.4. ALL CANOPY PRUNING MUST BE CONDUCTED FOLLOWING ANSI A-300 TREE PRUNING STANDARDS AND BEST MANAGEMENT PRACTICES.
4.1.5. ALL DEBRIS GENERATED DURING CANOPY PRUNING MUST BE REMOVED OFFSITE AND DISPOSED.

4.2. PALMS

- 4.2.1. IT IS WELL KNOWN THAT SOME PALMS SURVIVE RELOCATION BETTER WHEN ALL OF THE LEAVES ARE REMOVED (E.G., CABBAGE PALM, SABAL PALMETTO), AND THAT OTHER PALMS BENEFIT FROM HAVING THEIR LEAVES CUT IN HALF DURING RELOCATION (E.G., COCONUT PALM, COCOS NIUTERA). BOTH OF THESE HORTICULTURAL PRACTICES, WHILE TRUE, ARE ONLY APPLICABLE WHEN PALMS ARE NOT ROOT PRUNED. LEAVES DO NOT NEED TO BE CUT IN HALF OR REMOVED FROM PALMS THAT ARE ADEQUATELY ROOT PRUNED. ON OCCASION WHEN SUFFICIENT ROOT PRUNING TIME IS NOT AVAILABLE, PALMS TO BE RELOCATED MAY HAVE THEIR LEAVES CUT IN HALF OR REMOVED ENTIRELY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.
4.2.2. PALM LEAVES MUST BE TIED UP WITH 2-PLY BIODEGRADABLE TWINE PRIOR TO RELOCATION TO PREVENT MECHANICAL DAMAGE DURING THE RELOCATION PROCESS.
4.2.3. PALM TRUNKS SHALL ONLY BE "CLEANED UP" ACCORDING TO THE LANDSCAPE ARCHITECT'S SPECIFICATIONS SPECIFIC TO EACH PALM.

5. RELOCATION SPECIFICATIONS

5.1. GENERAL

- 5.1.1. LANDSCAPE CONTRACTOR TO FLAG

