

## Cynthia's Blue Palms

City of Key West Tree Commission

July 25, 2018

Purpose: Following are my findings of plant evaluation located at Marty's Place, 1515 Bertha and Dennis Streets, Key West, Florida, concerning the removal of: 1 Black Olive tree, 2 Bridalveil trees, 1 Pigeon Plum tree, 1 Frangipani tree, 1 Spanish Stopper tree, 1 Crabwood tree, 1 Barbados Cherry tree, 1 Jamaica Caper seedling, 1 Orange Geiger tree, 1 Bay Cedar shrub, 1 Green Buttonwood tree, 1 Fiddlewood tree, 3 Bahama Tabebuia trees, 1 Simpson Stopper tree, 2 Paradise trees, 6 Gumbo Limbo trees, 1 Royal Poinciana tree, 2 Yellow Tabebuia trees, 7 Washingtonia palms, 23 Christmas palms, 9 Coconut palms, 13 Areca palms, 1 Alexander palms, and 1 Triangle palm. This tree disposition is to be used in conjunction with the submitted July 16, 2018, tree inventory.

This application is submitted due to total property renovation. Trees can be seen from Bertha and Dennis Streets.

Total number of approximate tree diameter inches to be removed; 167". Total number of approximate tree diameter inches to be replaced; 170". Total number of palms to be removed, staff approval, 61. Total number to be replaced to be determined by staff. Total number of palms to be relocated 7.

**Black Olive**, tree number 1, approximate diameter is 24 ¼" larger than minimum 2' diameter ruling, hole in trunk clearly visible with included bark. In footprint of new building.

**Bridalveil**, tree number 8, remove, poor condition, 6.5" diameter, codominant with included bark.

**Ficus benjamina**, tree number 18, less than 2' diameter ruling.

**Ficus aurea**, tree number 24, retain and protect with fencing.

**Spanish Stopper**, tree number 28, close proximity to building for transplant purposes.

**Gumbo Limbo**, tree number 56, in close proximity to Christmas palms. Tree condition does not warrant cost of transplanting. In footprint of building construction.

**Barbados Cherry**, tree number 57, poor condition of plant does not warrant cost of transplanting due to multiple trunks and damage. Canopy has tip and branch dieback.

**Jamaica Caper**, tree number 67. Plant is a seedling.

**Poinciana**, tree number 73. Tree is located interior southeast immediately adjacent to cistern. Tree has decay at branch/trunk union with prior codominate primary branch removal, area of decay with wound wood evident hence, suspect continual internal decay. Canopy flushing from storm damage with decay. Failure likely.

**Gumbo Limbo**, tree number 75, 8 ½" diameter. Poor condition 45\* dog-leg. Failure likely.

**Orange Geiger**, tree number 81, poor condition, resprouting from stump.

**Gumbo Limbo**, tree number 84, large tree poor condition. Codominant with multiple areas of included bark, decay and insect damage evident. Failure likely.

**Green Buttonwood**, tree number 91, poor condition, tree trunk and canopy leaning west. Canopy one-sided.

**Gumbo Limbo**, tree number 102, fair condition within footprint of building construction.

**Fiddlewood**, tree number 111, mostly dead.

**Bahama Tabebuia**, tree number 112 and 116, poor condition, storm damaged with tip and branch dieback.

**Bahama Tabebuia**, tree number 119. Poor condition, storm damaged with tip and branch dieback with mechanical damage.

**Blackbead**, tree number 120 and 124. Maintained as hedges.

If you have any questions concerning this report please contact me at 305/747-2141.

Cynthia Domenech-Coogle, ISA Certified Arborist, FL 0277A

Marty's Place Plant Inventory List- 1512 Dennis, 1515 Bertha

1. Black Olive/*Bucida buceras* -Remove Fair, 24 ¼ ", codominant
2. Chinese Fan Palm/*Livistona chinensis* -Remove Poor, less than 4'
3. Bridalveil/*Caesalpinia grandillo* -Remove Poor, 4", partially uprooted
4. Pigeon Plum/*Coccoloba diversifolia* -Remove Poor, 2 ¾ ", partially uprooted, thin canopy, 45' angle lean
5. Paradise/*Simaruba glauca* -Remove Poor, 6", thinning canopy, circling roots, one-sided, tip dieback
6. Fishtail Palm/*Caryota mitis* -Remove
7. Paradise/*Simaruba glauca* -Remove Poor, 6 ½ ", tip and branch dieback, lead and canopy top dead
8. Bridalveil/*Caesalpinia grandillo* -Remove Poor, codominant with included bark
9. Frangipani 'Key West'/*Plumeria* -Retain/Protect 4 ½ " Fair-Good
10. Gumbo Limbo/*Bursea simaruba* -Remove Poor, 16 ½ ", low branching codominant with included bark
11. Coconut (2)/*Cocos nucifera* -Remove 18'-20' wood
12. Coconut/*Cocos nucifera* -Remove 23'-25' wood
13. Ficus 'Strangler' shrub/*Ficus aurea* -Remove
14. Christmas Palm (3)/*Adonidia merrillii* -Remove 8'-9' wood
15. Washington Palm/*Washingtonia robusta* -Remove 25'-30' wood
16. Christmas Palm/*Adonidia merrillii* -Remove 18'-20' wood
17. Christmas Palm/*Adonidia merrillii* -Remove 12'-15' wood
18. Weeping Fig/ *Ficus benamina* -Remove Poor, 6 ½ "
19. Christmas Palm/*Adonidia merrillii* -Remove 10'-12' wood
20. Christmas Palm/*Adonidia merrillii* -Remove 10'-12' wood
21. Christmas Palm/*Adonidia merrillii* -Remove 10'-12' wood
22. Christmas Palm (2)/*Adonidia merrillii* -Remove 18'-25' wood
23. Christmas Palm/*Adonidia merrillii* -Remove 10'-13' wood
24. Ficus/*Ficus aurea* -Retain/Protect 4 ½ - 5' diameter, fair, storm and utility pruning damage
25. Christmas Palm/*Adonidia merrillii* -Remove 18'-20' wood
26. Christmas Palm (2)/*Adonidia merrillii* -Remove 18'-20' wood
27. Christmas Palm/*Adonidia merrillii* -Remove 18'-20' wood
28. Spanish Stopper/*Eugenia foetida* -Remove Fair, 3 stems total 1"
29. Christmas Palm/*Adonidia merrillii* -Remove 10'-12' wood
30. Christmas Palm/*Adonidia merrillii* -Remove 18'-20' wood
31. Christmas Palm (4)/*Adonidia merrillii* -Remove 12'-20' wood
32. Ficus 'Shortleaf'/*Ficus citrifolia* -Transplant Fair, 9 ½ "
33. Crabwood/*Gymnanthes lucida* -Remove Poor, 1 ¾ ", storm damage, shrub
34. Spanish Stopper/*Eugenia foetida* -Transplant Fair, 1"
35. Crabwood/*Gymnanthes lucida* -Transplant Good, standard 1 ½ "
36. Coconut Palm/*Cocos nucifera* -Remove 15'-18' wood

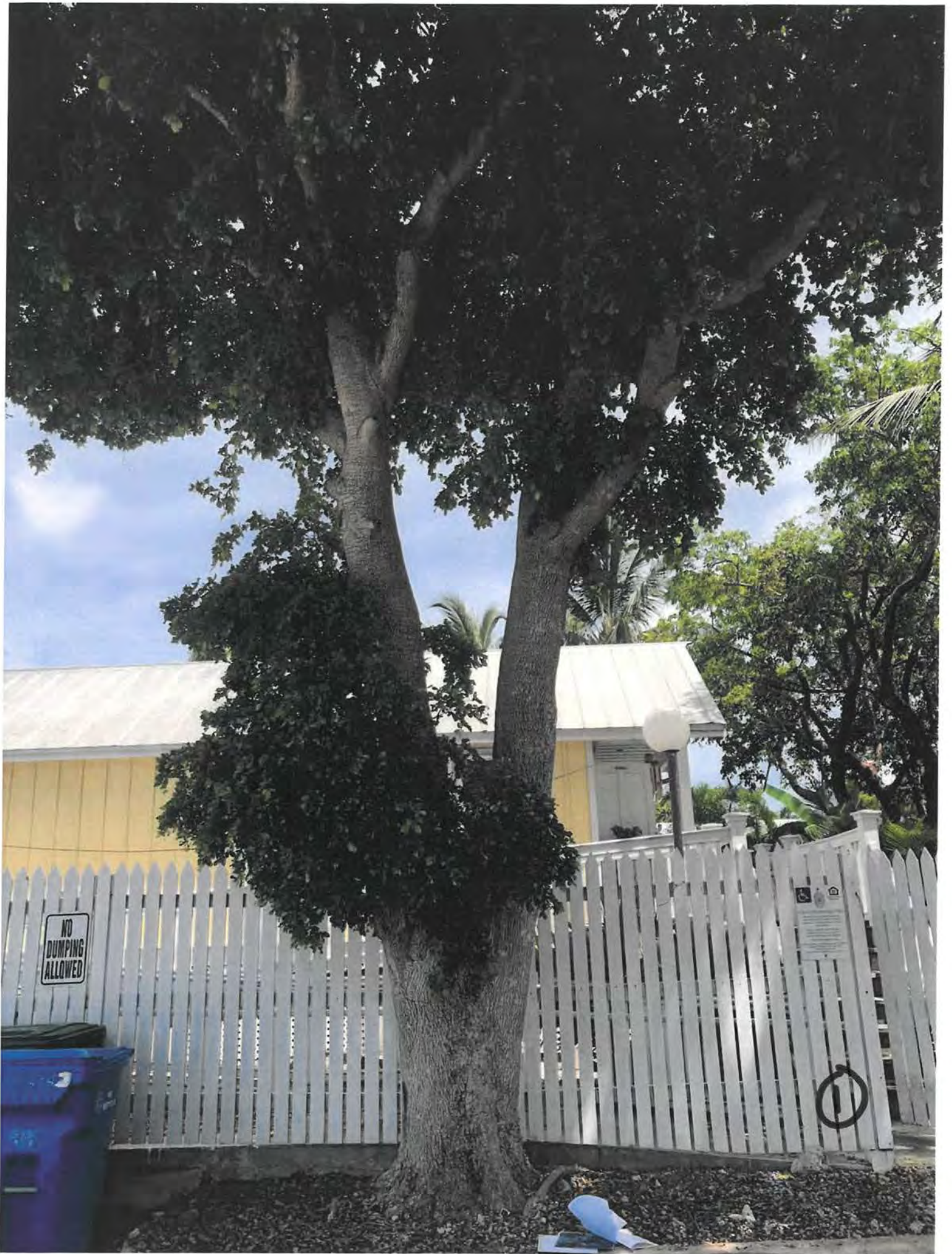
37. Areca Palm/*Dyopsis lutescens* -Remove
38. Silver buttonwood/*Conocarpus erectus sericeus* -Remove Poor, 1 ½ ", maintained as hedge
39. Silver buttonwood/*Conocarpus erectus sericeus* -Remove Poor, 8 ¾ ", maintained as hedge
40. Christmas Palm (5)/*Adonidia merrillii* -Remove 8'-20' wood
41. Christmas Palm (3)/*Adonidia merrillii* -Remove 6'-18' wood
42. Areca Palm/*Dyopsis lutescens* -Remove
43. Alexander Palm/*Ptychosperma elegans* -Remove 18'-20' wood
44. Christmas Palm (2)/*Adonidia merrillii* -Remove 15'-18' wood
45. Christmas Palm (3)/*Adonidia merrillii* -Remove 10'-18' wood
46. Christmas Palm (2)/*Adonidia merrillii* -Remove 16'-20' wood
47. Christmas Palm (3)/*Adonidia merrillii* -Remove 16'-20' wood
48. Ficus 'Strangler' shrub/*Ficus aurea* -Remove Poor, 3 stems total 3", maintained as hedge
49. Areca Palm/*Dyopsis lutescens* -Remove
50. Ficus 'Strangler' shrub/*Ficus aurea* -Remove Poor, maintained as hedge
51. Christmas Palm/*Adonidia merrillii* -Remove 10'-12' wood
52. Areca/*Dyopsis lutescens* -Remove
53. Christmas Palm/*Adonidia merrillii* -Remove 15'-18' wood
54. Areca Palm/*Dyopsis lutescens* -Remove
55. Christmas Palm (2)/*Adonidia merrillii* -Remove 15'-18' wood
56. Gumbo Limbo/*Bursea simaruba* -Remove Fair, 10 ¼ ", codominant, over lifted
57. Barbados Cherry/*Malpighia glabra* -Remove Poor, 7 ½ ", dieback, multi trunked with trunk damage
58. Christmas Palm/*Adonidia merrillii* -Remove 5 ½' wood
59. Blue Latania/*Latania loddigesii* -Transplant Good, 3' wood
60. Areca/*Dyopsis lutescens* -Remove
61. Christmas Palm/*Adonidia merrillii* -Remove 15'-18' wood
62. Coconut Palm/*Cocos nucifera* -Remove 15'-18' wood
63. Areca Palm/*Dyopsis lutescens* -Remove
64. Locustberry/*Byrsonima lucida* -Transplant Fair, 2 ½ "
65. Spicewood/*Calyptrothrix pallens* -Transplant Fair, total stems 4"
66. Verawood/*Bulnesia arborea* -Transplant Fair, 3"
67. Jamaica Caper/*Capparis cynophallophora* -Remove plant is 2'tall
68. Coconut Palm/*Cocos nucifera* -Remove no wood
69. Chinese Fan Palm (3)/*Livistona chinensis* -Remove triple 3' wood
70. Areca Palm/*Dyopsis lutescens* -Remove
71. Christmas Palm (3)/*Adonidia merrillii* -Remove outside fence 18'-25' wood
72. Christmas Palm/*Adonidia merrillii* -Remove 8' wood
73. Poinciana/*Delonix regia* -Remove Poor, 14 ¾ ", large west codominant removed-with wound wood closure and decay evident, included bark evident east side of tree, canopy storm damaged with tip dieback, decay and flushing, decay at old pruning cuts
74. Christmas Palm (2)/*Adonidia merrillii* -Remove 15'-20' wood
75. Gumbo Limbo/*Bursea simaruba* -Remove Poor, dog-leg at 5'



76. Christmas Palm (3)/Adonidia merrillii -Remove 12'-15' wood
77. Areca Palm/Dyopsis lutescens -Remove
78. Christmas Palm (2)/Adonidia merrillii -Remove 10'-12' wood
79. Areca Palm/Dyopsis lutescens -Remove
80. Triangle Palm/Dyopsis decaryi -Remove 5' wood
81. Orange Geiger/Cordia sebestena -Remove Poor, 1" re-sprout
82. Spanish Stopper/Eugenia foetida -Transplant Good 3"
83. Areca/Dyopsis lutescens -Remove
84. Gumbo Limbo/Bursea simaruba -Remove Poor, 20 ¾", codominant with multiple areas of included bark, decay evident, insect damage
85. Areca Palm/Dyopsis lutescens -Remove
86. Areca Palm/Dyopsis lutescens -Remove
87. Coconut Palm/Cocos nucifera -Remove 18'-20' wood
88. Green Thatch Palm/Thrinax radiata -Transplant Good, 5 ½' over all height
89. Silver buttonwood/Conocarpus erectus sericeus -Remove Poor, 5", maintained as hedge
90. Bay Cedar/Suriana maritima -Remove Poor, 1", topped, hedged
91. Green Buttonwood/Conocarpus erectus -Remove Poor, 5 ¾", heavy canopy one-sided, leaning west 45' angle,
92. Christmas Palm (3)/Adonidia merrillii -Remove 3'-10' wood
93. Yellow Tab-Silver Trumpet/Tabebuia caraiba -Remove Poor, 12 ½", main trunk dog-leg west 45' angle, tip dieback
94. Christmas Palm/Adonidia merrillii -Remove 8'-10' wood
95. Gumbo Limbo/Bursea simaruba -Remove Poor, 4 multi-trunk total 12", codominant at 1' above grade
96. Coconut Palm (2)/Cocos nucifera -Remove 20'-25' wood
97. Thrinax morrisii/Leucothrinax morrisii -Transplant Good, 6' over-all
98. Frangipani/Plumeria -Remove Poor, 4", leaning west 45' angle
99. White Bird of Paradise/Strelitzia nicolai -Remove
100. Green Thatch/Thrinax radiata -Transplant Good, 8' over-all
101. Thrinax morrisii/Leucothrinax morrisii -Transplant Good, 6' over-all
102. Gumbo Limbo/Bursea simaruba -Remove Fair, 12 ½", included bark, over-lifted, limbs pruned away from structures
103. White Bird of Paradise/Strelitzia nicolai -Remove
104. Coconut Palm/Cocos nucifera -Remove 25'-30' wood
105. Green Thatch/Thrinax radiata -Transplant Good, 8' over-all
106. Yellow Tab.-Silver Trumpet/Tabebuia caraiba -Remove Poor, 12 ½", storm damage with decay, very few leaves
107. Coccothrinax miraguama -Transplant Good, 3'-6' of wood, triple
108. Red Stopper/Eugenia rhombea -Transplant Fair, 1"
109. Christmas Palm/Adonidia merrillii -Remove 12'-15' wood
110. Alexander Palm/Ptychosperma elegans -Remove 4'-10' wood

111. Fiddlewood/Citharexylum spinosum -Remove Poor, 3 ¾", storm damage, very few leaves, mostly dead
112. Bahama Tab/Tabebuia bahamensis -Remove Poor, 2 ½", tip and branch die-back
113. Simpson Stopper/Myrcianthes fragrans -Transplant Fair, 1 ½"
114. Simpson Stopper/Myrcianthes fragrans -Transplant Fair, 1"
115. Simpson Stopper/Myrcianthes fragrans -Transplant Fair, 1"
116. Bahama Tab/Tabebuia bahamensis -Remove Fair, 2 ¾", tip die-back, one sided
117. Washington Palm/Washingtonia robusta -Remove 5' wood
118. Simpson Stopper/Myrcianthes fragrans -Remove Poor, ¾", topped
119. Bahama Tab/Tabebuia bahamensis -Remove Poor, 3 ¼", tip die-back, major mechanical damage
120. Black Bead (2)/Pithecellobium keyense -Remove Poor, hedged
121. Washington Palm (2)/Washingtonia robusta -Remove Poor, 1 ½", multiple stem, 12'-15' wood
122. Washington Palm (3)/Washingtonia robusta -Remove 2'-18' wood
123. Washington Palm/Washingtonia robusta -Remove 10'-13' wood 10'-12' wood
124. Black Bead/Pithecellobium keyense -Remove Poor, 4", hedged





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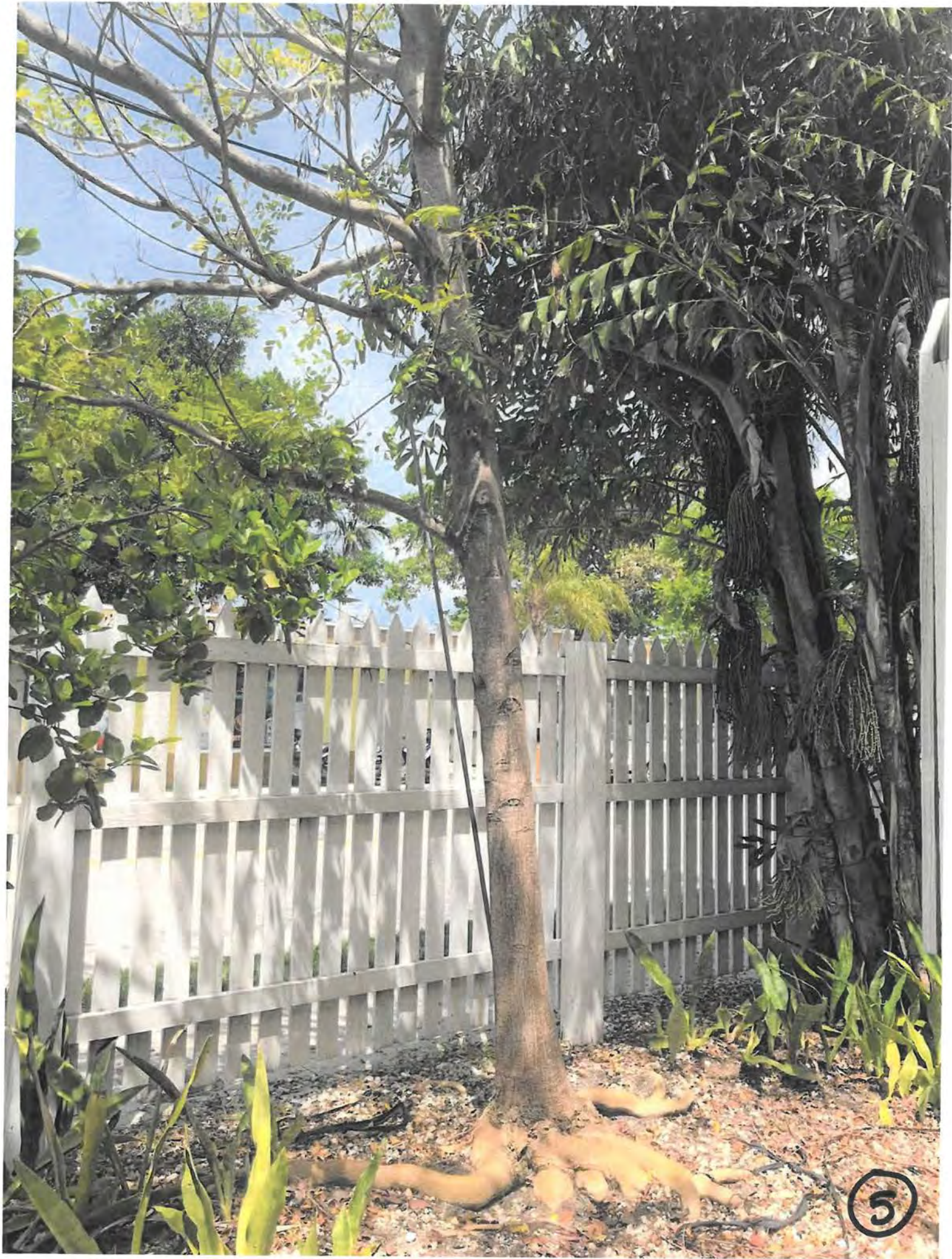


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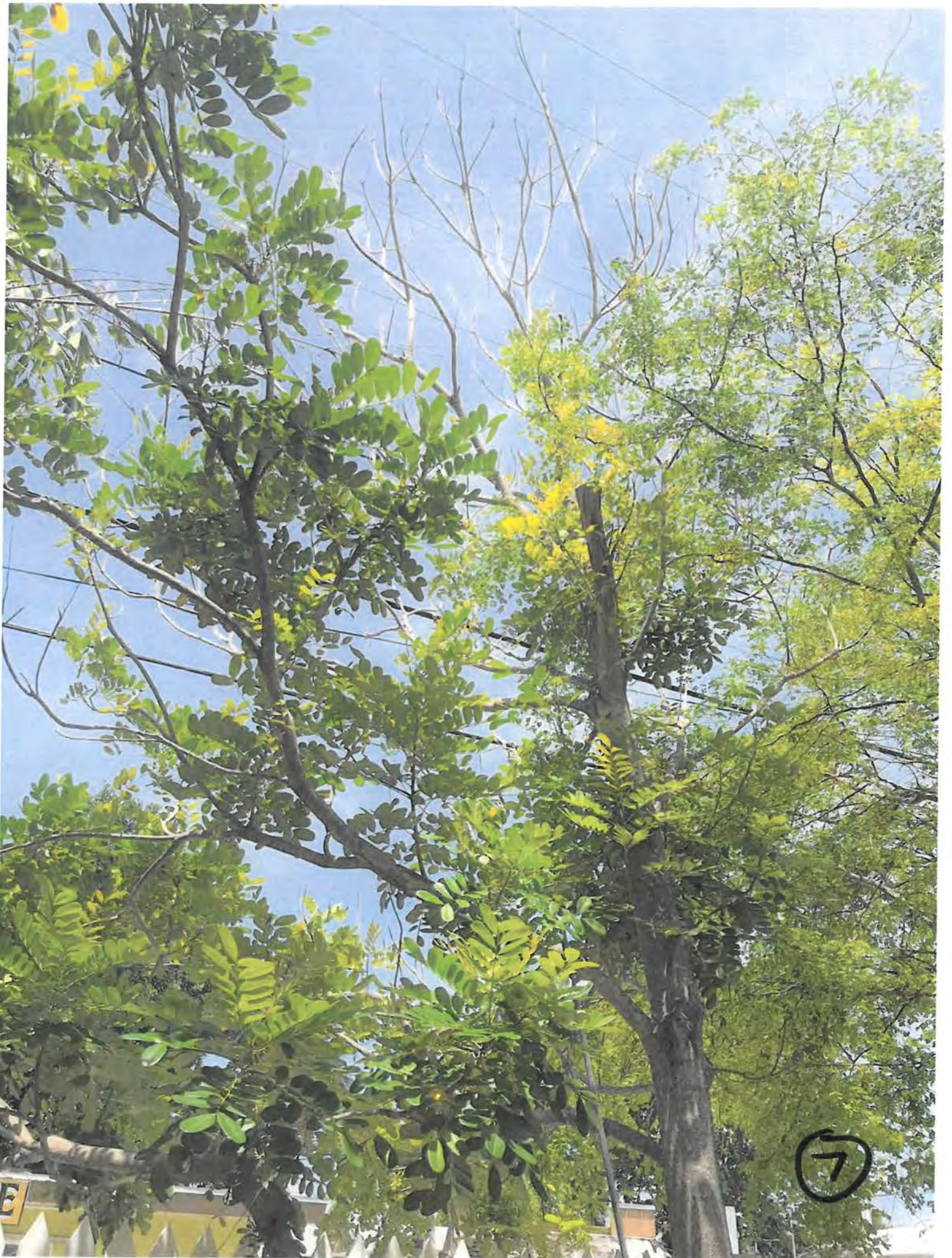








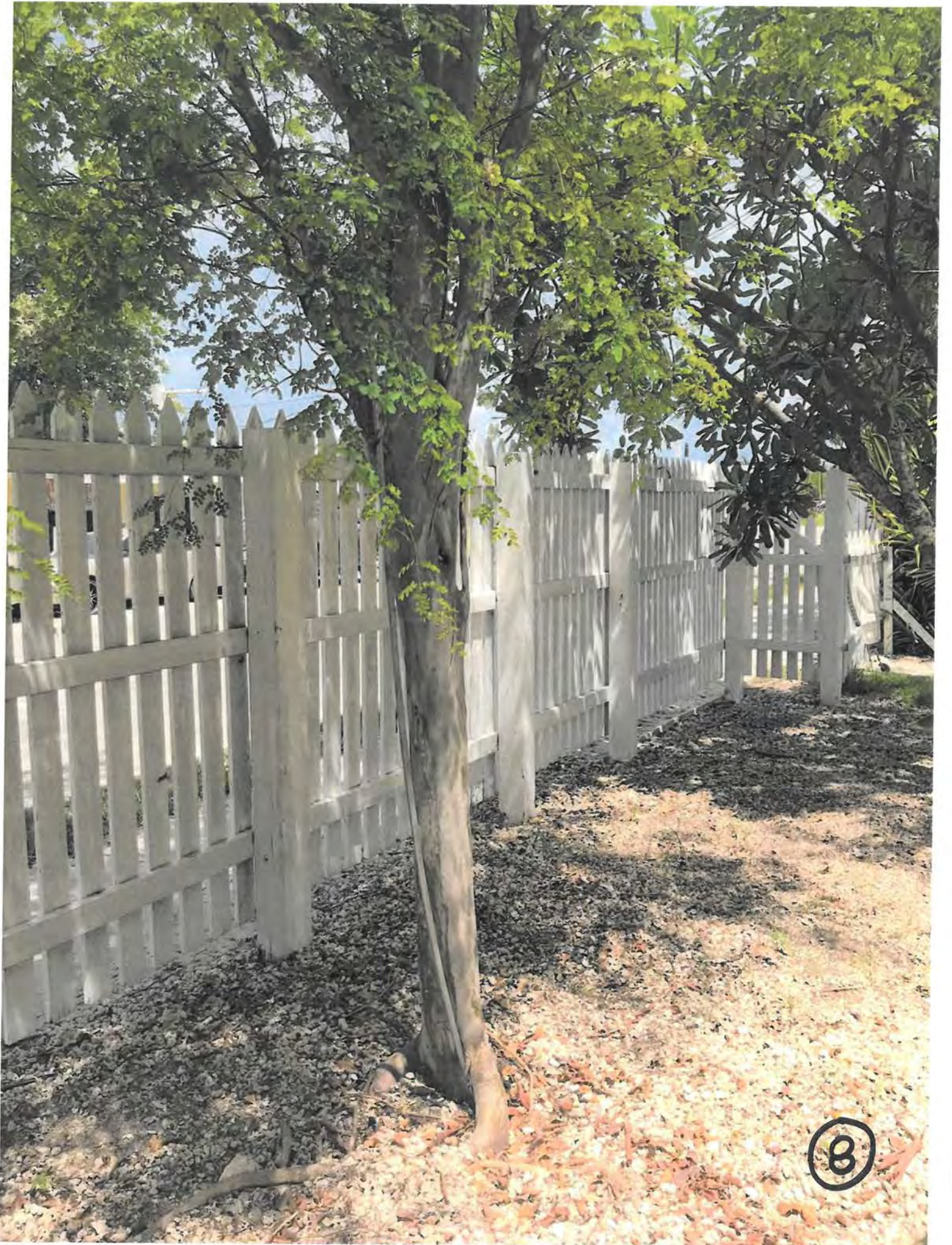












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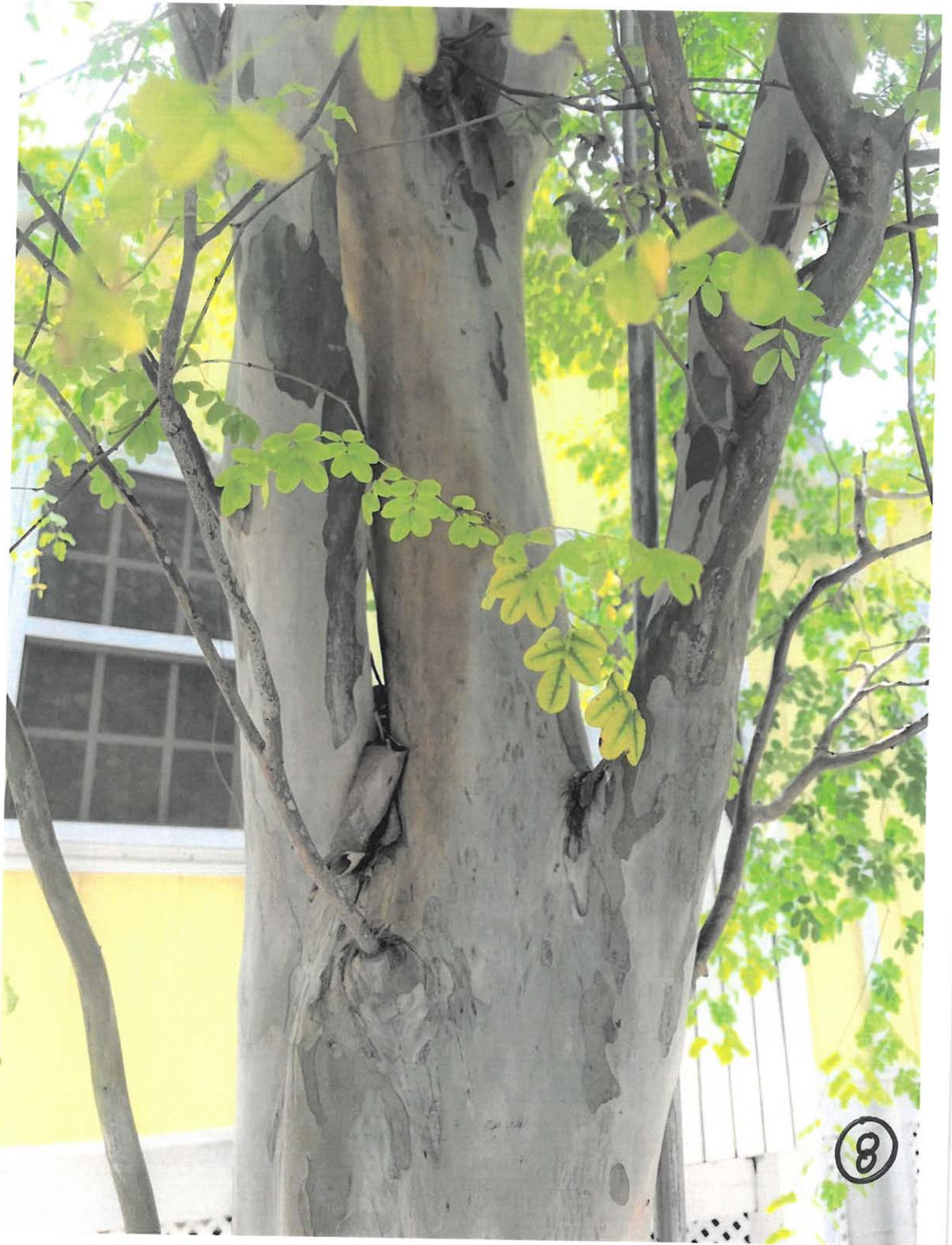












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