

EXISTING TREE REPORT and ASSESSMENT

CITY of KEY WEST

PROPERTY: 1621, 1622, and 1623 Spalding Court



Photo dated September 2023

PREPARED BY:

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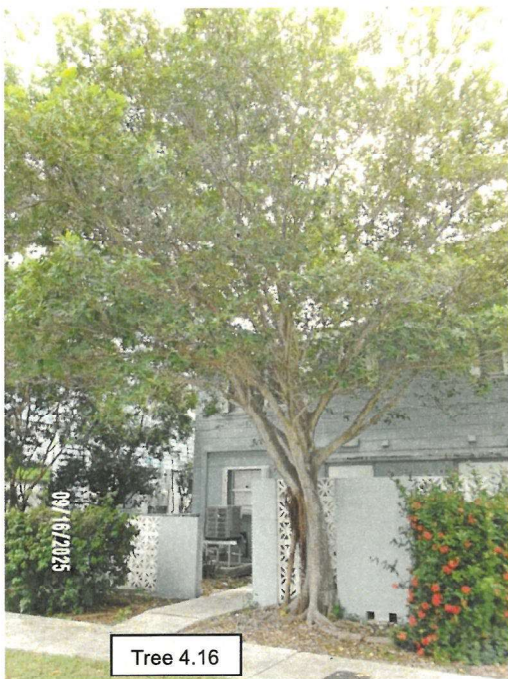
PROPERTY SUMMARY: The project area is an existing, developed parcel with several old, housing structures addressed as 1621, 1622, and 1623 Spalding Court. To the north of building 1623 is a wetland/water area also known as Poinciana Pond, to the east are other housing structures that are not a part of this project, to the south is building 1620 Truesdale Court that was recently reviewed and approved for a development plan (redevelopment), and to the west is Poinciana Royale Apartments.

Most of the vegetation around the structures are planted ornamentals or volunteer vegetation. A planted buffer of predominately subcanopy tree species exists along the fence line with Poinciana Royale. This buffer area will remain. Along the northern boundary fence with the wetland/water area there are numerous invasive Seaside Mahoe and Brazilian Pepper trees with a few invasive Australian Pine trees. This wetland/water area (Poinciana Pond), is owned by the City of Key West and is part of their drainage area.

Several years ago, a complete arborist report was done by Cynthia Domenech-Coogle of the entire property (Truesdale and Spalding Court buildings). This current review updates the existing tree map for the vegetation growing near and in the proposed project area (Phase 2).

TREE ASSESSMENT: See attached tree list, map, and disposition plan for complete information regarding status of trees in the proposed development area. Trees that are to remain will be protected during demolition and construction with tree protection. Regulated and protected trees proposed to be removed are assessed below in accordance with Section 110-324 of the City of Key West Land Development Regulations. Final mitigation requirements are determined by the City Urban Forestry manager and the Key West Tree Commission.

Building 1621 and 1622 Spalding Court:



Tree 4.16



Tree 4.16: Strangler Fig (*Ficus aurea*)

Diameter: 15.6" dbh

Condition: 60% (fair)

Location: 50% (growing immediately against concrete privacy wall, very visible tree)

Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 70%

Potential Required Mitigation: 10.9 caliper inches

Tree 4.18b: Coconut Palm (*Cocos nucifera*)

Required Mitigation: 1-native palm, 4 ft tall OH minimum

Tree 4.19: Coconut Palm (*Cocos nucifera*)

Required Mitigation: 1-native palm, 4 ft tall OH minimum



Tree 4.25



Tree 4.25: Silver Buttonwood (*Conocarpus erectus sericeus*)

Diameter: 14.3" dbh

Condition: 50% (fair to poor, some decay from breaks and poor cuts in canopy)

Location: 60% (growing in corner of porch concrete wall, very visible tree)

Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 70%

Potential Required Mitigation: 10 caliper inches



Tree 4.26



Tree 4.26: Gumbo Limbo (*Bursera simaruba*)

Diameter: 16.8" dbh

Condition: 40% (poor, north limb damaged, gummosis in trunk)

Location: 80% (growing in open space area between two buildings, very visible tree)

Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 73%

Potential Required Mitigation: 12.2 caliper inches



Tree 4.27a: Coconut Palm (*Cocos nucifera*)

Required Mitigation: 1-native palm, 4 ft tall OH minimum

Tree 4.28: Gumbo Limbo (*Bursera simaruba*)

Diameter: 33" BM/ZB

Condition: 40% (poor structure, two codominant trunks, future growth will create extensive included bark)

Location: 60% (growing behind structure against)

Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 66%

Potential Required Mitigation: 21.7 caliper inches BM/ZB

Tree 4.31a: Jamaican Dogwood (*Piscidia piscipula*)

Diameter: est 5" dbh (need access to yard and tree for actual measurement)

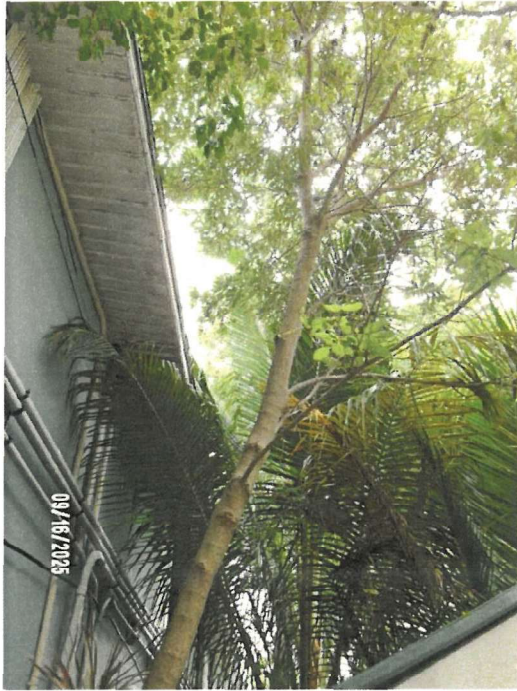
Condition: 40% (poor, elongated trunk structure with growth lean due to close, existing structure)

Location: 30% (growing close to structure-no room for future growth)

Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 56%

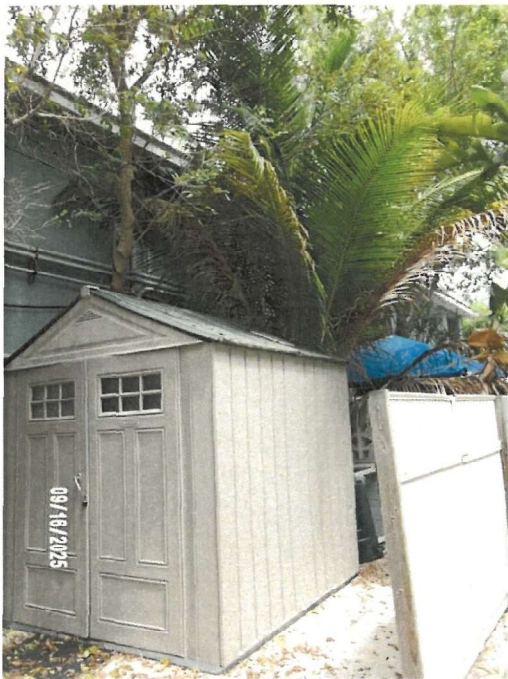
Potential Required Mitigation: 2.8 caliper inches



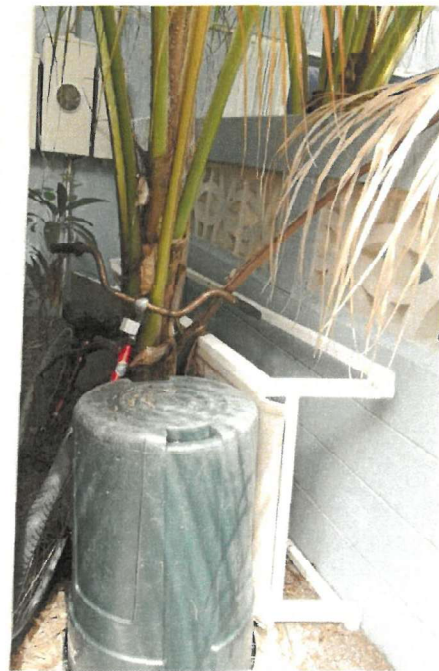
Tree 4.31a



Tree 4.31b: Coconut Palm (*Cocos nucifera*)
Required Mitigation: 1-native palm, 4 ft tall OH minimum



Tree 4.31b



Tree 4.34: Coconut Palm (*Cocos nucifera*)
Required Mitigation: 1-native palm, 4 ft tall OH minimum



Tree 4.34



Tree 4.37



Tree 4.37: Bottlebrush (*Callistemon citrinus*)

Diameter: **est 20" dbh (need access to yard and tree for actual measurement)**

Condition: 30% (poor, major trunk decay, root system encased in concrete)

Location: 40% **BM/ZB**(back yard tree growing against concrete porch wall)

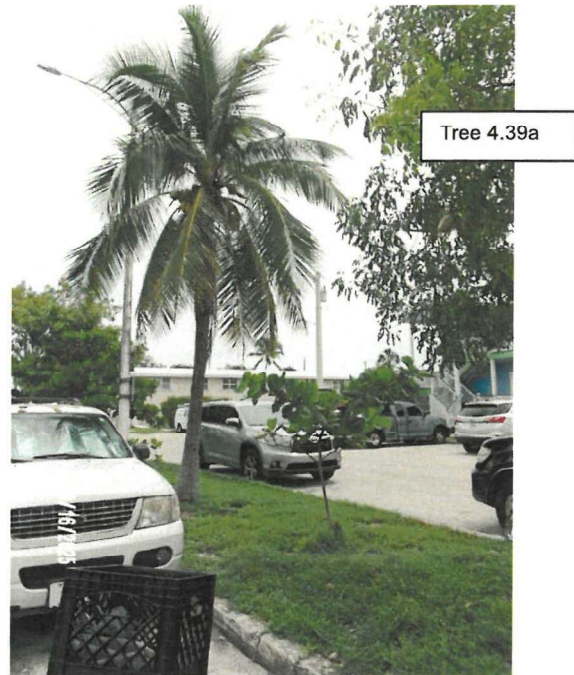
Species: 50% (not on City of KW protected or not protected tree list)

Approximated Tree Value: 46%

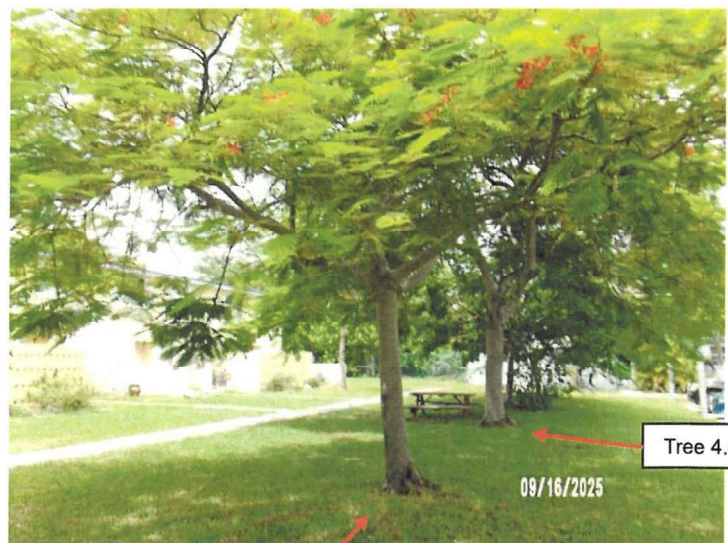
Potential Required Mitigation: 8"



Tree 4.38a: Mahogany (*Swietenia mahagoni*)
 Diameter: 11.7 dbh
 Condition: 50% **BM/ZB**(fair, some dieback in canopy)
 Location: 70% **BM/ZB** (growing in parking lot planter-very visible) Species: 100% (on City of KW protected tree list) Approximated Tree Value: 80%
 Potential Required Mitigation: 8.6 caliper inches



Tree 4.39a: Coconut Palm (*Cocos nucifera*)
 Required Mitigation: 1-native palm, 4 ft tall OH minimum





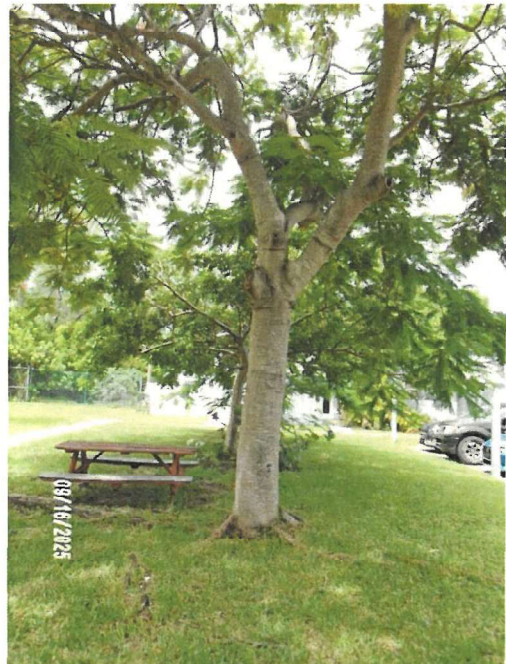
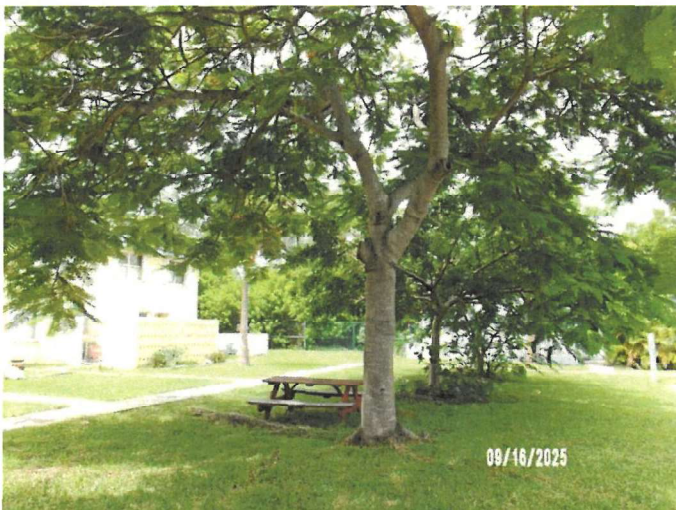
Tree 4.44



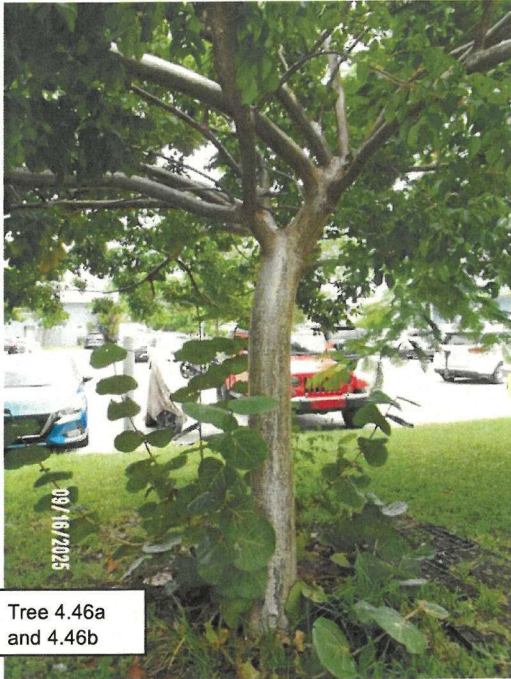
Tree 4.43: Coconut Palm (*Cocos nucifera*)
 Required Mitigation: 1-native palm, 4 ft tall OH minimum

Tree 4.44: Royal Poinciana (*Delonix regia*)
 Diameter: 10.8" dbh
 Condition: 50% (fair to poor, poor base structure-circling roots, fair health and canopy structure)
 Location: 90% (growing in open yard area-very visible tree)
 Species: 100% (on City of KW protected tree list)
 Approximated Tree Value: 80%
 Potential Required Mitigation: 8.6 caliper inches

Tree 4.45

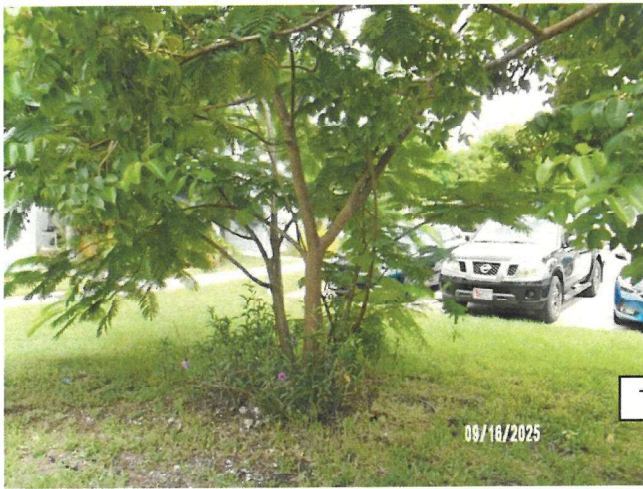


Tree 4.45: Royal Poinciana (*Delonix regia*)
 Diameter: 15.9" dbh
 Condition: 60% (overall fair, some old storm damage in canopy, poor canopy structure)
 Location: 90% (growing in open yard area-very visible tree)
 Species: 100% (on City of KW protected tree list)
 Approximated Tree Value: 83%
 Potential Required Mitigation: 13.1 caliper inches



Tree 4.46a
and 4.46b

Tree 4.46a: Gumbo Limbo (*Bursera simaruba*)
 Diameter: 8.9" dbh
 Condition: 60% (Fair overall, good health, poor canopy structure)
 Location: 90% (growing in open yard area-very visible tree)
 Species: 100% (on City of KW protected tree list)
 Approximated Tree Value: 83%
 Potential Required Mitigation: 7.3 caliper inches

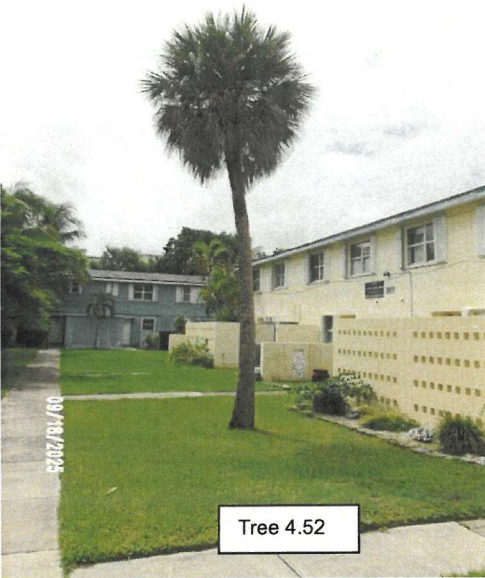


Tree 4.47

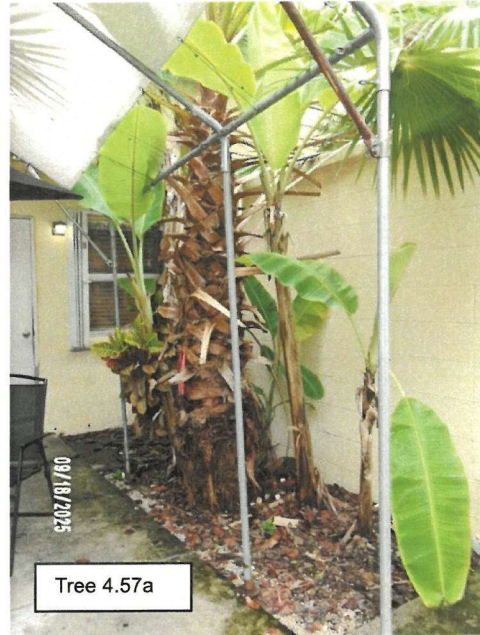


Tree 4.47: Royal Poinciana (*Delonix regia*)
 Diameter: 11.7" dbh total (multiple trunks)
 Condition: 50% (fair health, young tree, poor structure)
 Location: 90% (growing in open yard area-very visible tree)
 Species: 100% (on City of KW protected tree list)
 Approximated Tree Value: 80%
 Potential Required Mitigation: 9.3 caliper inches

Tree 4.52: Sabal Palm (*Sabal palmetto*)
 Required Mitigation: 1-native palm, 4 ft tall OH minimum



Tree 4.52



Tree 4.57a

Tree 4.55: Simpson Stopper (*Myrcianthes fragans*)

Diameter: 6.3" dbh total

Condition: 60% (fair, two canopy trunks)

Location: 60% (growing behind main building)

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

Approximated Tree Value: 56%

Potential Required Mitigation: 3.5 caliper inches

Tree 4.57a: Washingtonian Palm (*Washingtonia robusta*)

Required Mitigation: 1-native palm, 4 ft tall OH minimum



Tree 4.55





Tree 4.58



Tree 4.58: Pigeon Plum (*Coccoloba diversifolia*)
 Diameter: 18.4" dbh total
 Condition: 60% (fair, very tall tree, three trunks)
 Location: 60% (growing behind main building)
 Species: 100% (on City of KW protected tree list)
 Approximated Tree Value: 73%
 Potential Required Mitigation: 13.4 caliper inches



Tree 4.60



Tree 4.60: Gumbo Limbo (*Bursera simaruba*)

Diameter: 14.9" dbh

Condition: 50% (fair health, poor base-root system impacted by concrete pad)

Location: 30% (growing against concrete shed structure and concrete pad)

Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 60%

Potential Required Mitigation: 8.9 caliper inches



Tree 4.61



Tree 4.62b and 4.62c



Tree 4.61: Gumbo Limbo (*Bursera simaruba*)

Diameter: 15.5" **BM/ZB** dbh

Condition: 60% (fair, very tall tree)

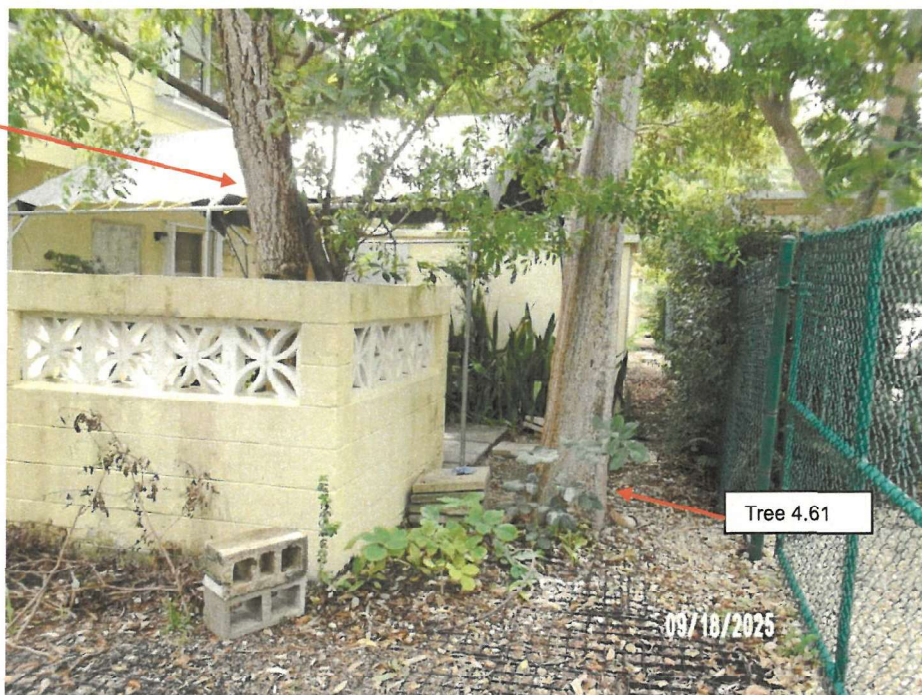
Location: 70% (growing behind main structure)

Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 76%

Potential Required Mitigation: 11.8 caliper inches

Tree 4.62b
and 4.62c



Tree 4.61



Tree 4.62b and 4.62c

Tree 4.62b: Yellow Tabebuia (*Tabebuia aurea*)

Diameter: 12.4" dbh

Condition: 50% (poor structure, tall tree with old storm damage in canopy)

Location: 60% (growing behind main structure against porch concrete wall corner)

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

Approximated Tree Value: 53%

Potential Required Mitigation: 6.5 caliper inches

Building 1623 Spalding Court:



Tree 5.2b



Tree 5.3d

Tree 5.2b: Sabal Palm (*Sabal palmetto*)

Required Mitigation: 1-native palm, 4 ft tall OH minimum

Tree 5.3d: Paradise Tree (*Simarouba glauca*)

Diameter: 1" dbh

Condition: 50% (fair health, poor structure-two trunks, young tree)

Location: 50% (growing in front porch area close to ac unit and concrete wall with Brazilian pepper and ferns)

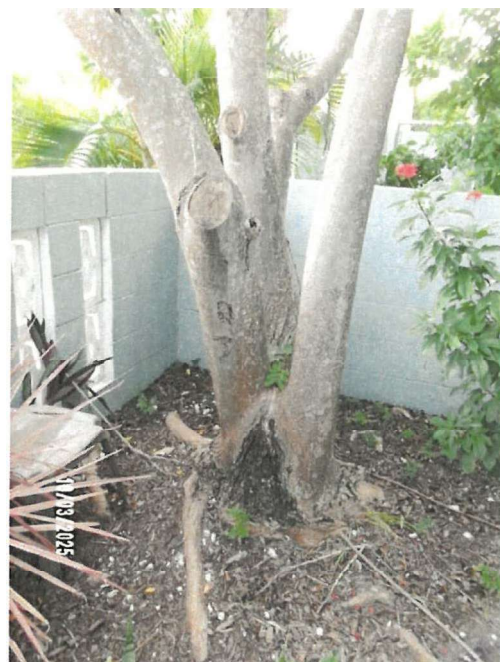
Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 66%

Potential Required Mitigation: 0.6 caliper inches



Tree 5.6a



Tree 5.6a: Paradise Tree (*Simarouba glauca*)

Diameter: 25.3" dbh total

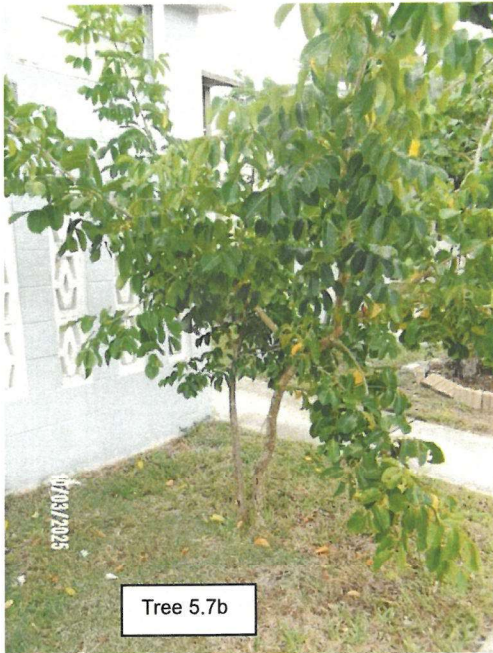
Condition: 60% (fair, four trunks)

Location: 60% (growing in front porch area, very visible tree)

Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 73%

Potential Required Mitigation: 18.4 caliper inches



Tree 5.7b: Gumbo Limbo (*Bursera simaruba*)

Diameter: 2.5" dbh total

Condition: 40% (poor structure, two trunks in one rootball, young tree)

Location: 80% (growing in front of main structure, very visible tree)

Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 73%

Potential Required Mitigation: 1.8 caliper inches

Tree 5.8b: Mahogany (*Swietenia mahagoni*)

Diameter: 3.1" dbh

Condition: 60% (fair, young tree)

Location: 70% (growing in front of main structure with invasive mahoe tree, very visible tree)

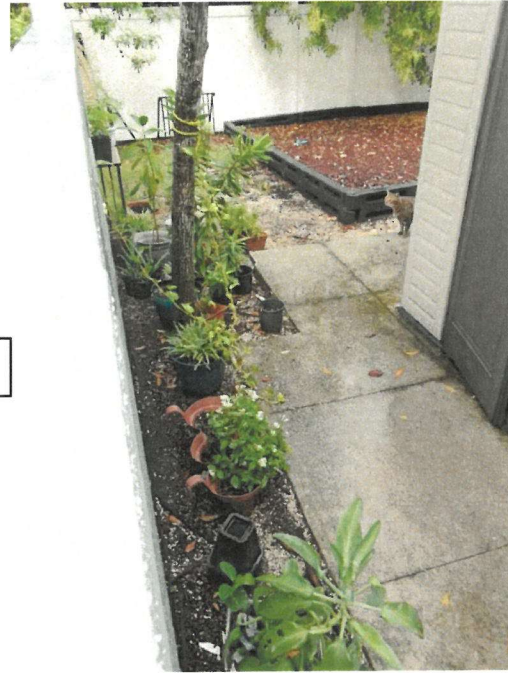
Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 76%

Potential Required Mitigation: 2.3 caliper inches



Tree 5.10



Tree 5.10: Willow Busic (*Bumelia salicifolia*)

Diameter: **est 4" dbh (need access to yard and tree for actual measurement)**

Condition: 40% (poor health-canopy die back)

Location: 60% (growing in back of main structure near concrete wall)

Species: 100% (on City of KW protected tree list)

Approximated Tree Value: 66%

Potential Required Mitigation: 2.6 caliper inches



Tree 5.15

Tree 5.12

10/03/2025



Tree 5.12: Pigeon Plum (*Coccoloba diversifolia*)
 Diameter: **est 6" dbh (need access to yard and tree for actual measurement)**
 Condition: 60% (fair)
 Location: 60% (growing behind main structure)
 Species: 100% (on City of KW protected tree list)
 Approximated Tree Value: 73%
Potential Required Mitigation: 4.3 caliper inches

Tree 5.13: Green Buttonwood (*Conocarpus erectus*)

Diameter: **est 4" dbh (need access to yard and tree for actual measurement)**
 Condition: 50% (fair with growth lean away from structure)
 Location: 50% (growing in back yard very close to main structure)
 Species: 100% (on City of KW protected tree list)
 Approximated Tree Value: 66%
 Potential Required Mitigation: 2.6 caliper inches

Tree 5.15: Yellow Tabebuia (*Tabebuia aurea*)

Diameter: **est 8" dbh (need access to yard and tree for actual measurement)**
 Condition: 50% (fair with poor canopy structure-one sided)
 Location: 60% (growing behind main structure)
 Species: 50% (not on City of KW protected or not protected tree list)
 Approximated Tree Value: 53%
 Potential Required Mitigation: 4.2 caliper inches