

# STAFF REPORT

DATE: March 1, 2017

RE: **1315 Olivia Street (permit application # T17-8334)**

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

An application was received requesting the removal of **(7) Royal Poinciana, (3) Gumbo limbo, (1) Strangler Fig, (1) Avocado, and (1) Cherry tree**. A site inspection was done on February 24, 2017 and documented the following:

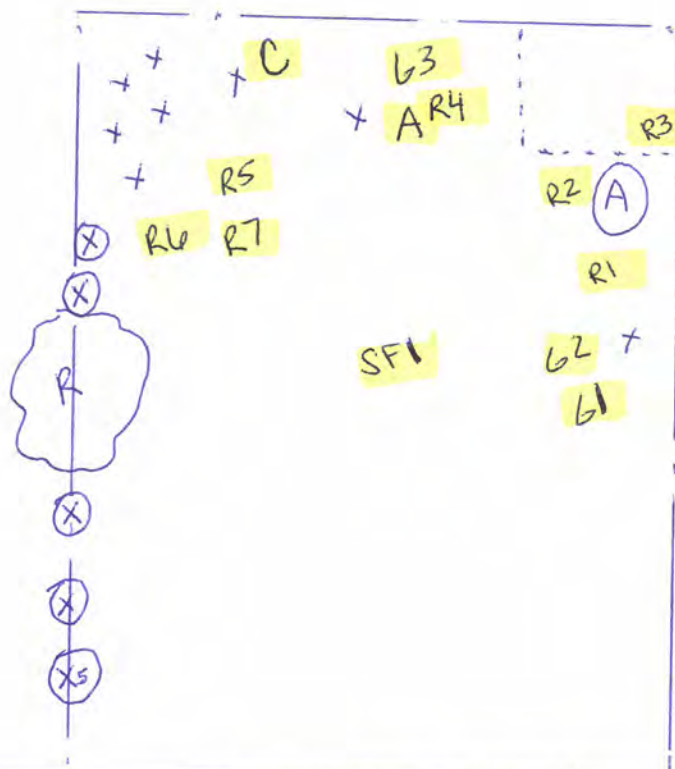




# 1315 Olivia Street

2/24/17 KKD/Plan NTS

diameter



R1 = 1.4"	No transplant
R2 = 2.2"	No transplant
R3 = 3.5"	No transplant
R4 = 2.8"	No transplant
R5 = 1.5"	Transplant?
R6 = 1.5"	Transplant?
R7 = 2.5"	Transplant?
L1 = 2.2"	No transplant
L2 = 2.5"	Transplant?
L3 = 3.8"	No transplant
SF1 = 3.8"	Transplant?
C = 8.2"	No transplant
A = 2.2"	Transplant?

Olivia Street

Key: x = Christmas Palms  
(not regulated)

(R) = Royal Poinciana  
(to remain)

(x) = Christmas Palms  
(to remain)

(A) = Avocado  
(to remain)

C = Cherry Tree  
(to remove)

A = Avocado  
(to remove)

SF = Strangler Fig  
(to remove)

L = Gumbo Limbos  
(to remove)

R = Royal Poincianas  
(to remove)



R1 R2



SF1

G2



SF1

R6 R7 R5



Tree Species: Royal Poinciana (Delonix regia)









R1 Diameter: 1.4"

Location: 50% (volunteer growing in the root zone of large avocado-future growth impacts due to Avocado tree)

Species: 100% (on protected tree list)

Condition: 50% (fair)

Total Average Value = 66%

**Value x Diameter = 0.9 replacement caliper inches**

R2 Diameter: 2.2"

Location: 50% (volunteer growing in the root zone of large avocado-future growth impacts due to Avocado tree)

Species: 100% (on protected tree list)

Condition: 50% (fair)

Total Average Value = 66%

**Value x Diameter = 1.4 replacement caliper inches**







R3 Diameter: 3.5"

Location: 50% (volunteer growing in the root zone of large avocado and edge of old cistern)

Species: 100% (on protected tree list)

Condition: 50% (fair)

Total Average Value = 66%

**Value x Diameter = 2.3 replacement caliper inches**





Avocado

G3

R4





R4 Diameter: 2.8"

Location: 60% (future competition with Gumbo Limbo)

Species: 100% (on protected tree list)

Condition: 50% (fair, canopy top chopped off)

Total Average Value = 70%

**Value x Diameter = 1.9 replacement caliper inches**

R5 Diameter: 1.5"

Location: 70%

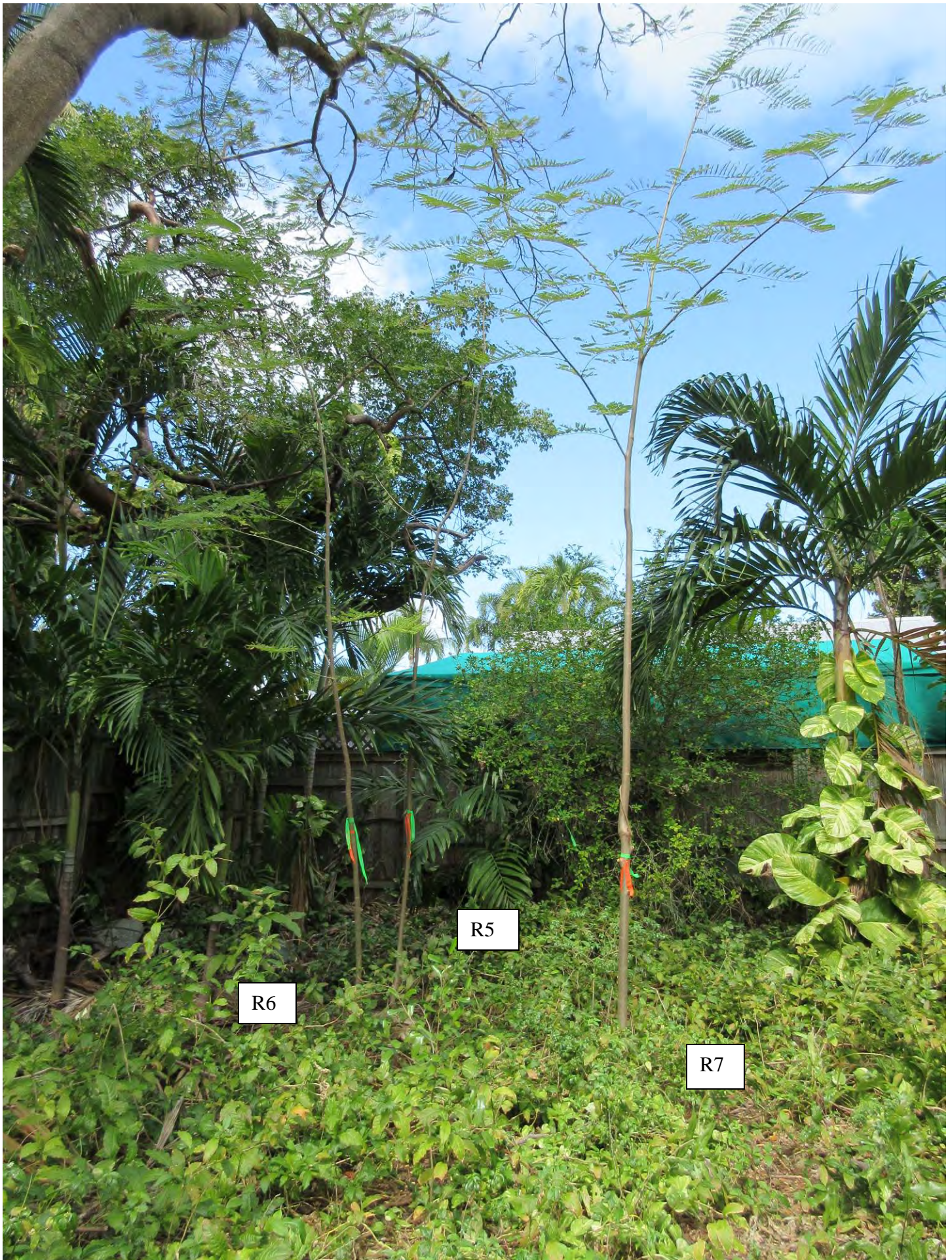
Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 76%

**Value x Diameter = 1.1 replacement caliper inches**









R6 Diameter: 1.5"

Location: 60%

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 73%

**Value x Diameter = 1.0 replacement caliper inches**

R7 Diameter: 2.5"

Location: 60%

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 73%

**Value x Diameter = 1.8 replacement caliper inches**



Tree Species: Gumbo limbo (*Bursera simaruba*)























G1 Diameter: 2.2"

Location: 70%

Species: 100% (on protected tree list)

Condition: 50% (poor, main trunk damaged)

Total Average Value = 73%

**Value x Diameter = 1.6 replacement caliper inches**

G2 Diameter: 2.5"

Location: 50% (future canopy growth impacted by neighboring gumbo limbo)

Species: 100% (on protected tree list)

Condition: 80% (good)

Total Average Value = 76%

**Value x Diameter = 1.9 replacement caliper inches**









G3 Diameter: 3.8"

Location: 60% (close to another canopy tree)

Species: 100% (on protected tree list)

Condition: 50% (fair to poor, canopy chopped off)

Total Average Value = 70%

**Value x Diameter = 2.6 replacement caliper inches**



Tree Species: Strangler Fig (*Ficus aurea*)















Diameter: 3.8"

Location: 80%

Species: 100% (on protected tree list)

Condition: 80% (good)

Total Average Value = 86%

**Value x Diameter = 3.2 replacement caliper inches**



Tree Species: Cherry (*Eugenia uniflora*?)















Diameter: 8.2"

Location: 70% (close to property line)

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

Condition: 30% (poor, decay throughout base of tree)

Total Average Value = 50%

**Value x Diameter = 4.1 replacement caliper inches**



Tree Species: Avocado (*Persea americana*)







Diameter: 2.2"

Location: 70%

Species: 100% (on protected tree list)

Condition: 80% (good)

Total Average Value = 83%

**Value x Diameter = 1.8 replacement caliper inches**

**Note: Trees R1, R2, R3, R4, G1, G3, and C are not good candidates for transplanting due to their existing location or condition. Trees R5, R6, R7, G2, SF1, and A are possible transplant candidates. Due to their present size, the cost of transplant and care might be more than purchasing new specimens.**

**Total Required Replacements if all requested trees removed: 25.6"**



## Other photos of the property





