

# STAFF REPORT

DATE: November 2, 2016

RE: **328 Peacon Lane (permit application # T16-8185)**

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

An application was received requesting the removal of **(2) Royal Poinciana, (2) Orange Jasmine, (1) Seagrape, (1) Tropical Almond, and (1) African Tulip tree**. A site inspection was done and documented the following:

Tree Species: Royal Poinciana (*Delonix regia*)

Tree #1:



























Diameter: 14"

Location: 40% (close to historic house. impacting foundation and stairs)

Species: 100% (on protected tree list)

Condition: 50% (fair, structurally a sprawling tree with poor cuts)

Total Average Value = 63%

**Value x Diameter = 8.8 replacement caliper inches**



Tree #2:















Diameter: 21.6"

Location: 70% (utility service lines to house go through canopy)

Species: 100% (on protected tree list)

Condition: 50% (fair, lots of poor cuts, gall areas)

Total Average Value = 73%

**Value x Diameter = 15.7 replacement caliper inches**



Tree Species: Orange Jasmine (*Murraya paniculata*)

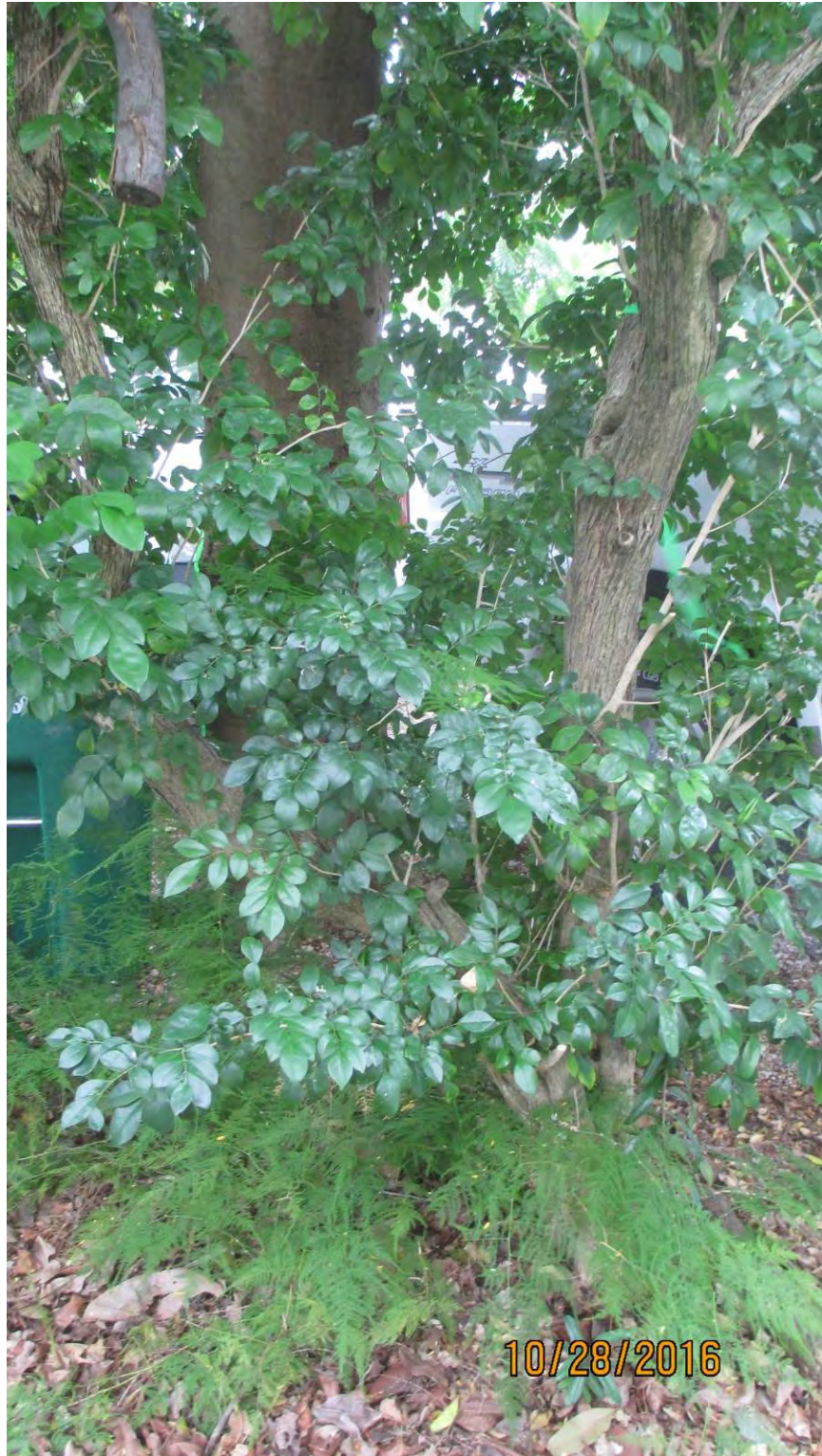
Tree #1











Diameter: 8.5" (multi-trunked)

Location: 80% (roots intertwined with Royal Poinciana tree #2)

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

Condition: 60% (fair)

Total Average Value = 63%

**Value x Diameter = 5.3 replacement caliper inches**



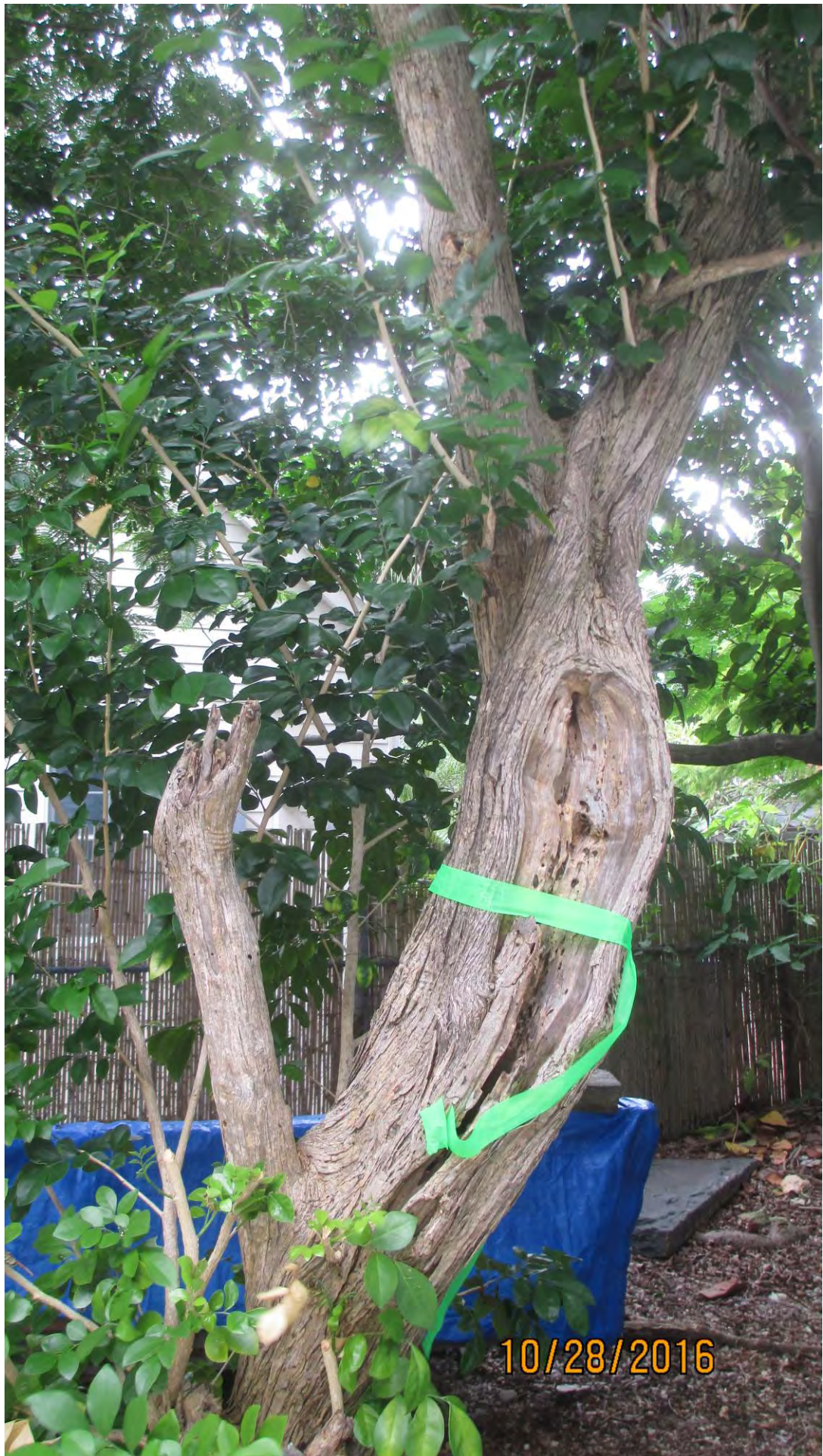
Tree #2













Spanish Lime tree and  
Thatch Palm to remain

Royal Poinciana #2



Orange Jasmine #2

Diameter: 12.1" (multi-trunked)

Location: 80%

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

Condition: 30% (poor, lots of decay in main trunk)

Total Average Value = 53%

**Value x Diameter = 6.4 replacement caliper inches**



Tree Species: Sea Grape (*Coccoloba uvifera*)



Seagrape







10/28/2016







Diameter: 15.9"

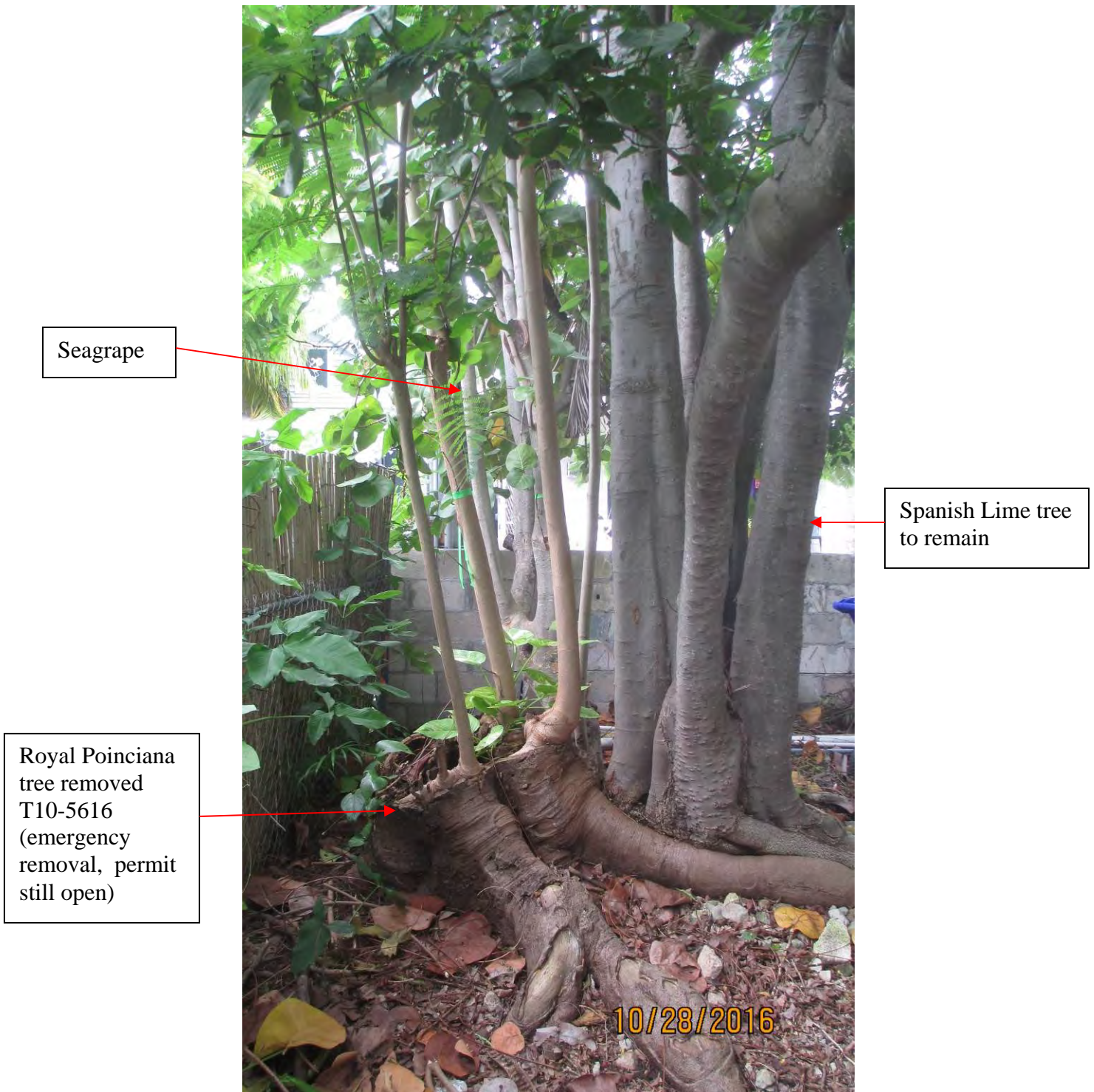
Location: 60% (close to utility lines, growing in root system of Spanish Lime tree)

Species: 100% (on protected tree list)

Condition: 50% (fair, structurally a sprawling tree)

Total Average Value = 70%

**Value x Diameter = 11.1 replacement caliper inches**

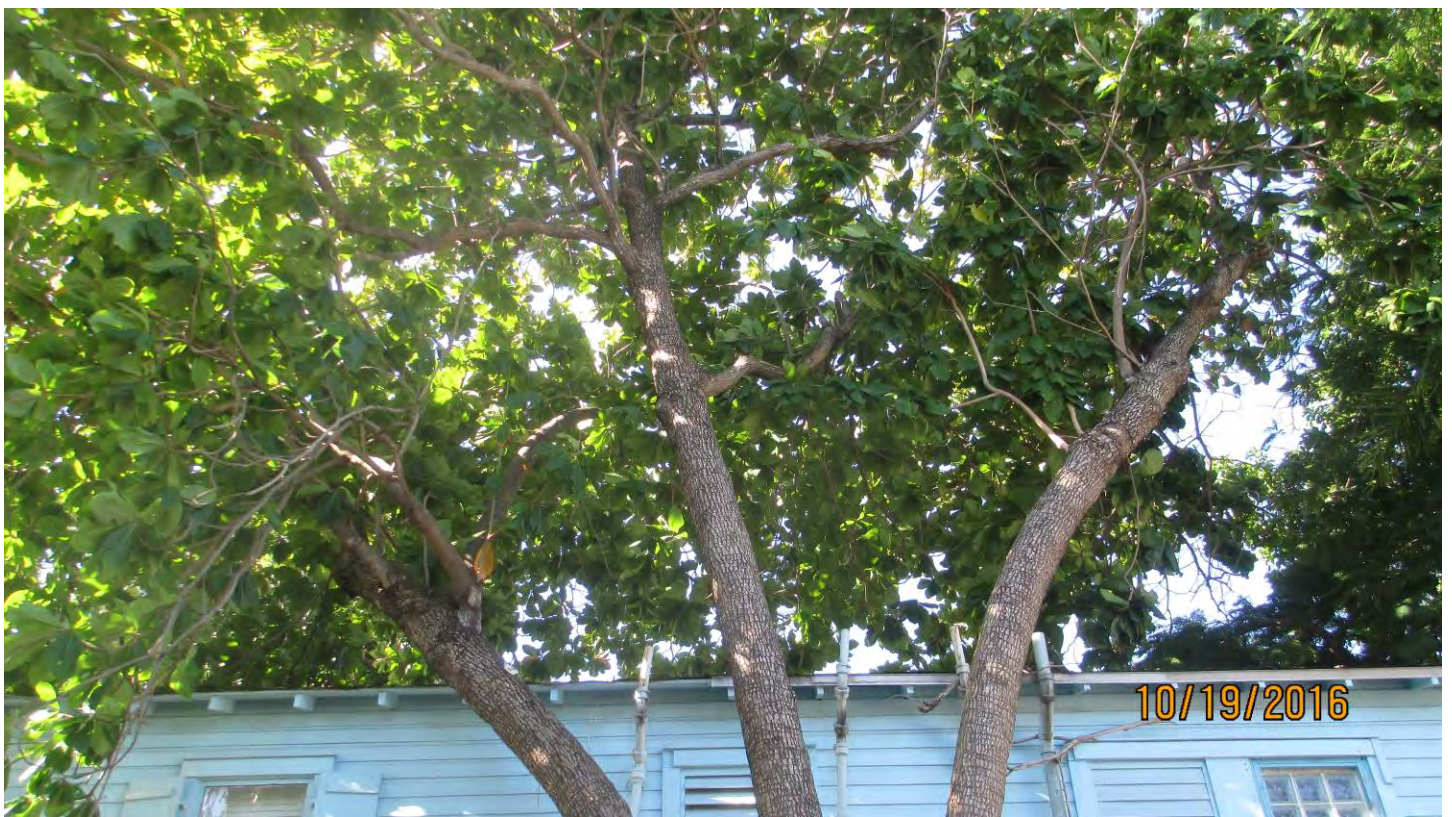




Tree Species: Tropical Almond (*Terminalia catappa*)



















Diameter:  $25'' - 24'' = 1''$  regulated

Location: 20% (close to neighboring house. Roots impacting structure and pipes)

Species: 0% (on not protected tree list)

Condition: 50% (fair, codominant trunks)

Total Average Value = 23%

**Value x Diameter = 0.2 replacement caliper inches**



Tree Species: African Tulip (*Spathodea* sp.)



Schefflera to be  
removed-no  
permit required

10/28/2016





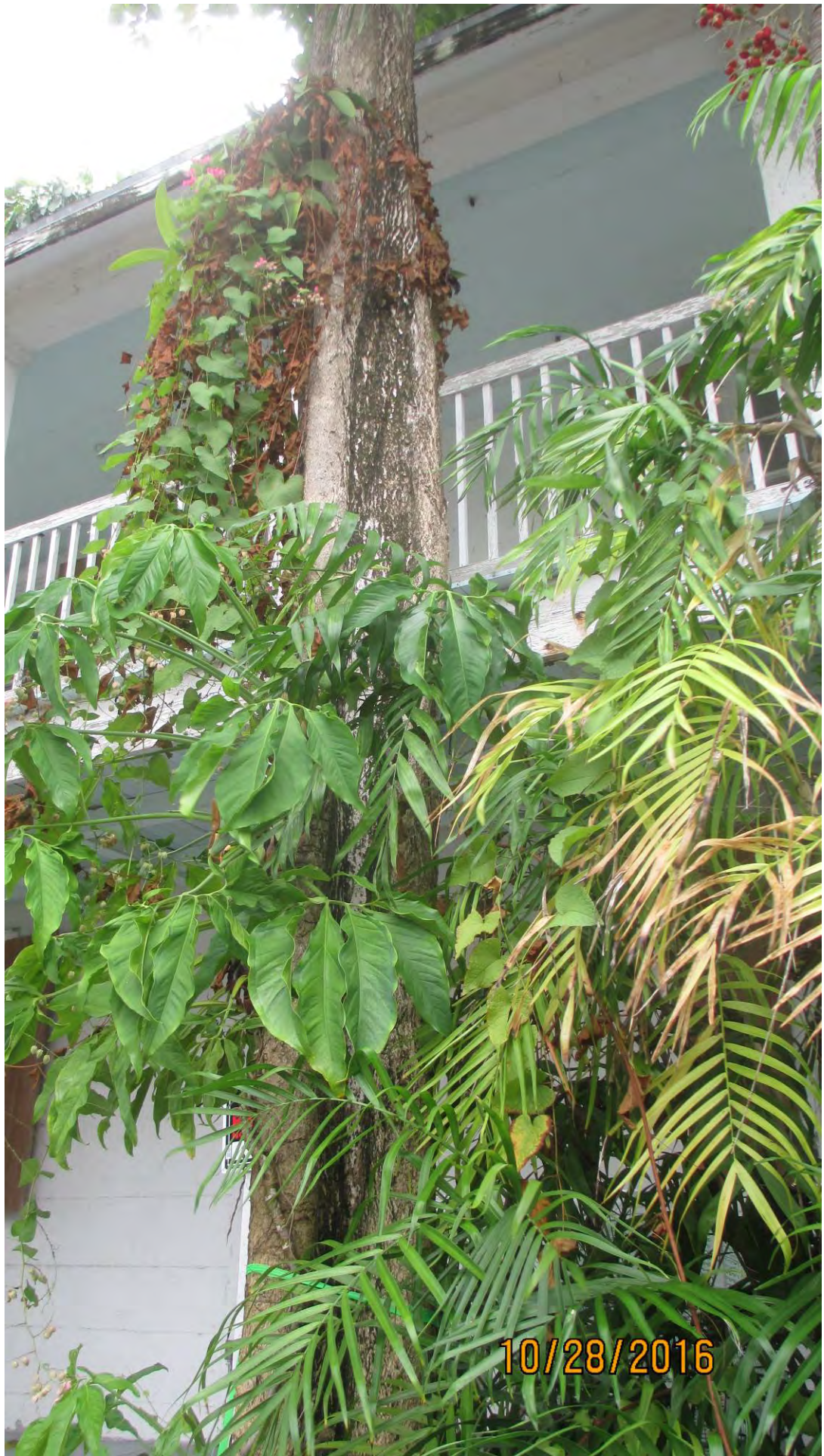
















Diameter: 16.5"

Location: 50% (close to historic structure)

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

Condition: 20% (very poor, base is diseased, canopy topped)

Total Average Value = 40%

**Value x Diameter = 6.6 replacement caliper inches**

#### **Recommendations for 328 Peacon Lane:**

**Royal Poinciana #1: 8.8" recommend removal**

**Royal Poinciana #2: 15.7" no recommendation at this time**

**Orange Jasmine #1: 5.3" no recommendation at this time**

**Orange Jasmine #2: 6.4" recommend removal**

**Sea Grape: 11.1" recommend removal**

**Tropical Almond: 0.2" recommend removal**

**African Tulip: 6.6" recommend removal**

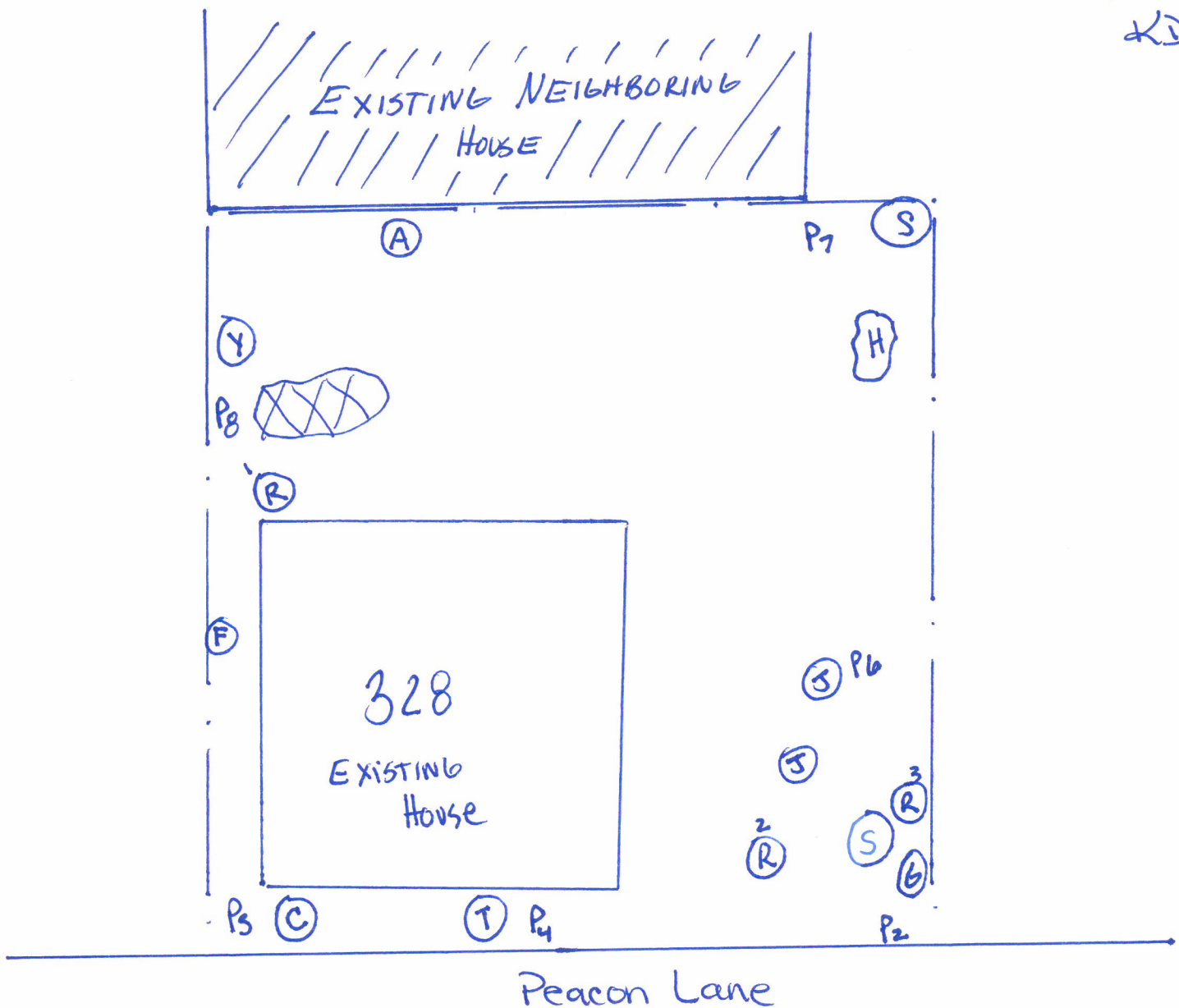


# DRAFT EXISTING TREE MAP

Plan/NTS

10.20.16

KD



P = Regulated Palms

(T) = Regulated Tree

(R) = Royal Poincianna

(S) = Spanish Line

(6) = Sea Grape

(J) = Regulated tree (Jasmine?)

(H) = Clump of Protected Thatch Palms

(A) = Regulated Almond tree

(R) 3 = old Royal Poincianna tree stump that has resprouted.

(Y) = Yellow Elder tree (not regulated)

(F) = Fishtail Palm (not regulated)

(X) = misc potted plants (not regulated)