

## Staff Report

## STAFF REPORT

DATE: February 26, 2016

the following:

RE: 1664 Dunlap Drive-Poinciana Gardens (permit application # T16-7794)

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

An application was received requesting Conceptual Landscape Plan Approval for the construction of a Senior Housing Project to include the removal of

(5) Gumbo Limbos, (4) Bottlebrush trees, (3) Royal Poinciana trees, (1) Sapodilla, (1) Pongam, and (1) Coconut Palm. A site inspection was done on December 21, 2015 and February 26, 2016 and documented

Tree #1: Gumbo Limbo (Bursera simaruba)











Diameter: 32" Location: 80%

Species: 100% (on protected tree list)

Condition: 60% (fair, a large tree, lots of exposed surface roots, some

crossed branches in canopy)
Total Average Value =80%

Value x Diameter = 25 replacement caliper inches

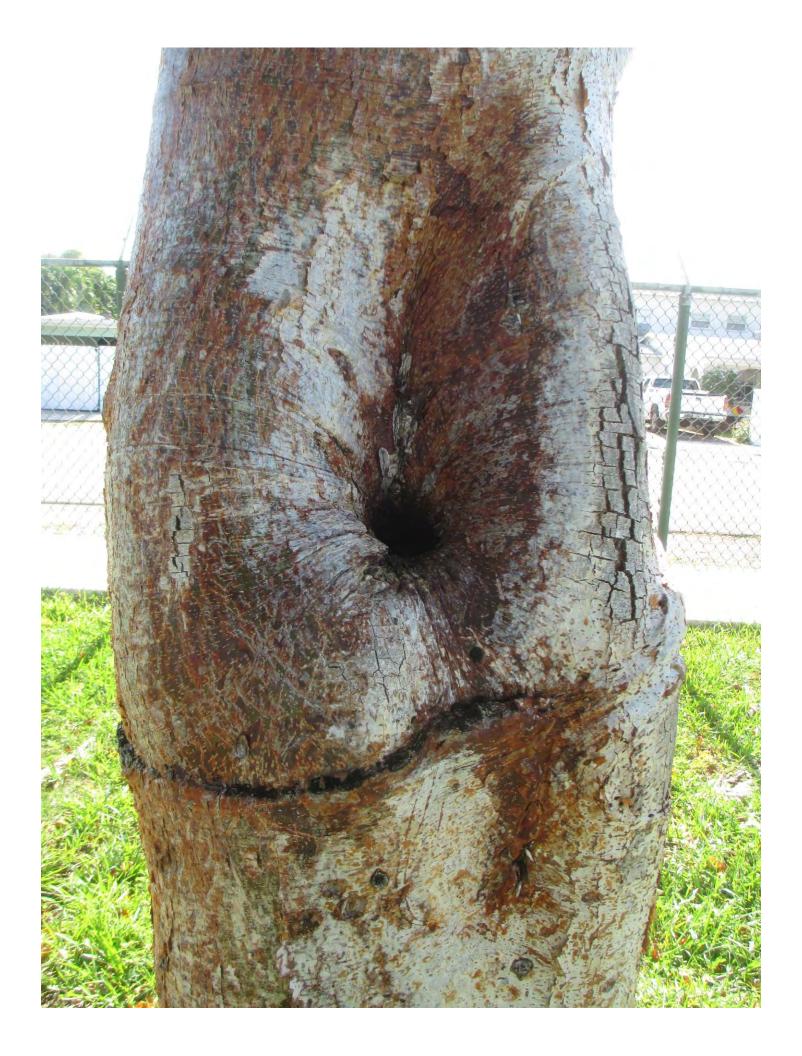
Tree #3: Coconut Palm





Required replacement is one (1) native palm.

Tree #4: Gumbo Limbo (Bursera simaruba)





Diameter: 16" Location: 80%

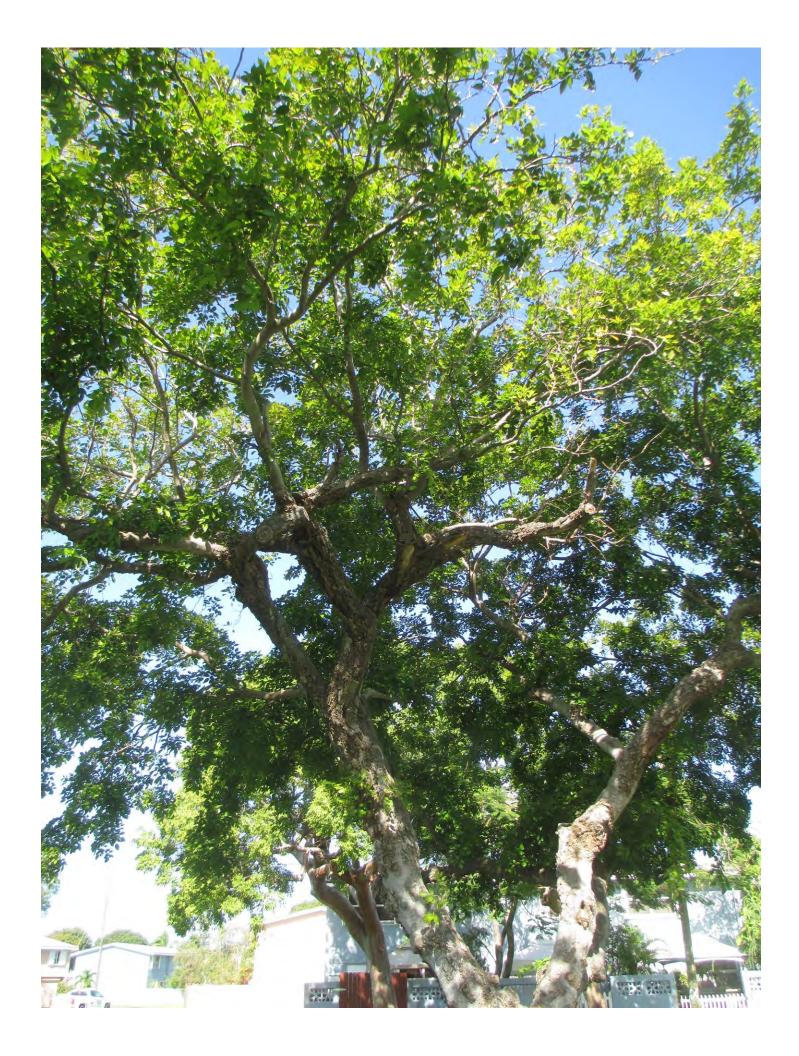
Species: 100% (on protected tree list)

Condition: 40% (poor, hole and decay in main trunk below canopy)

Total Average Value = 73%

Value x Diameter = 11 replacement caliper inches

Tree #6: Pongam (Millettia pinnata) 





Diameter: 52" Location: 80%

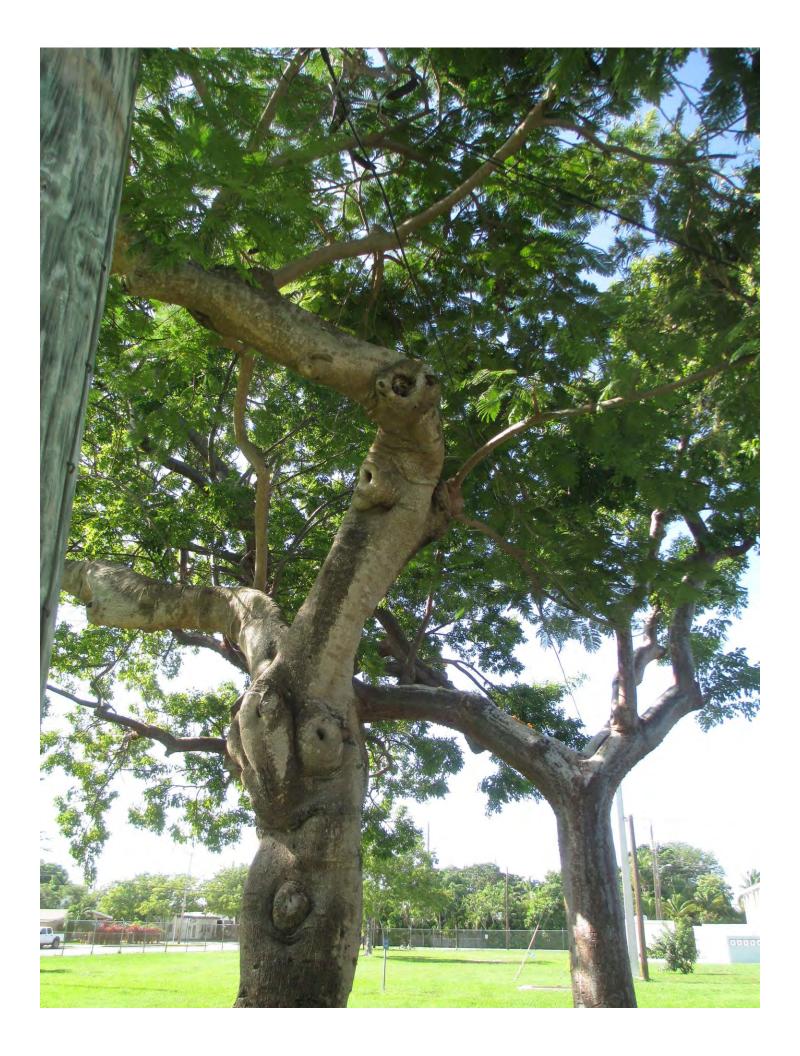
Species: 50% (not on protected or not protected tree list)

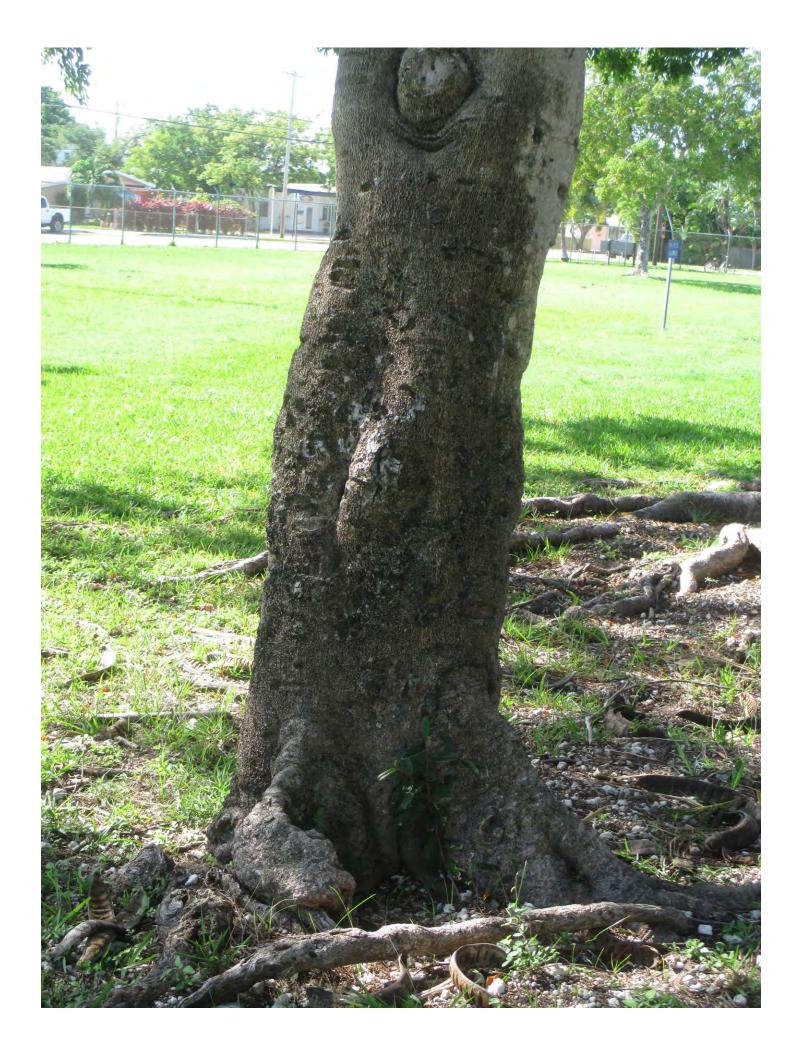
Condition: 50% (fair to poor, lots of decay in canopy)

Total Average Value = 60%

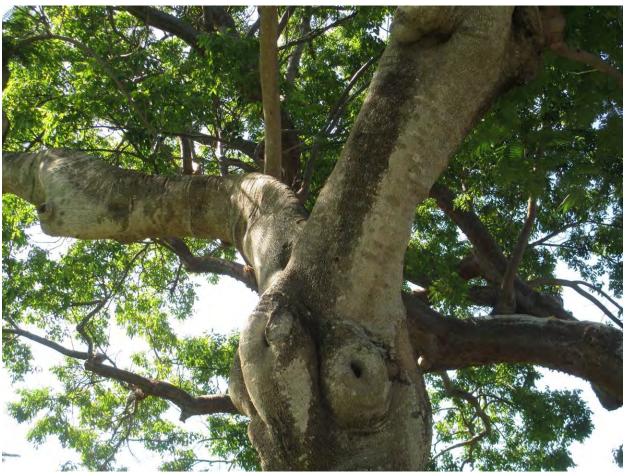
Value x Diameter = 31 replacement caliper inches

Tree #7: Royal Poinciana (Delonix regia)















Diameter: 22"

Location: 60% (close to an existing utility pole)

Species: 100% (on protected tree list)

Condition: 50% (fair to poor, lots of decay in canopy and main trunk)

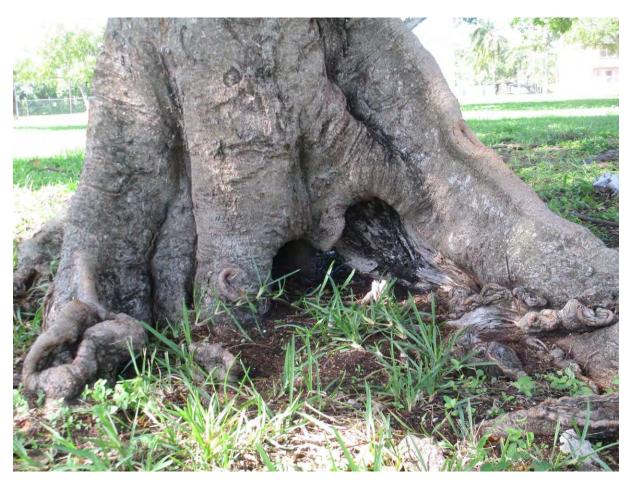
Total Average Value = 70%

Value x Diameter = 15 replacement caliper inches

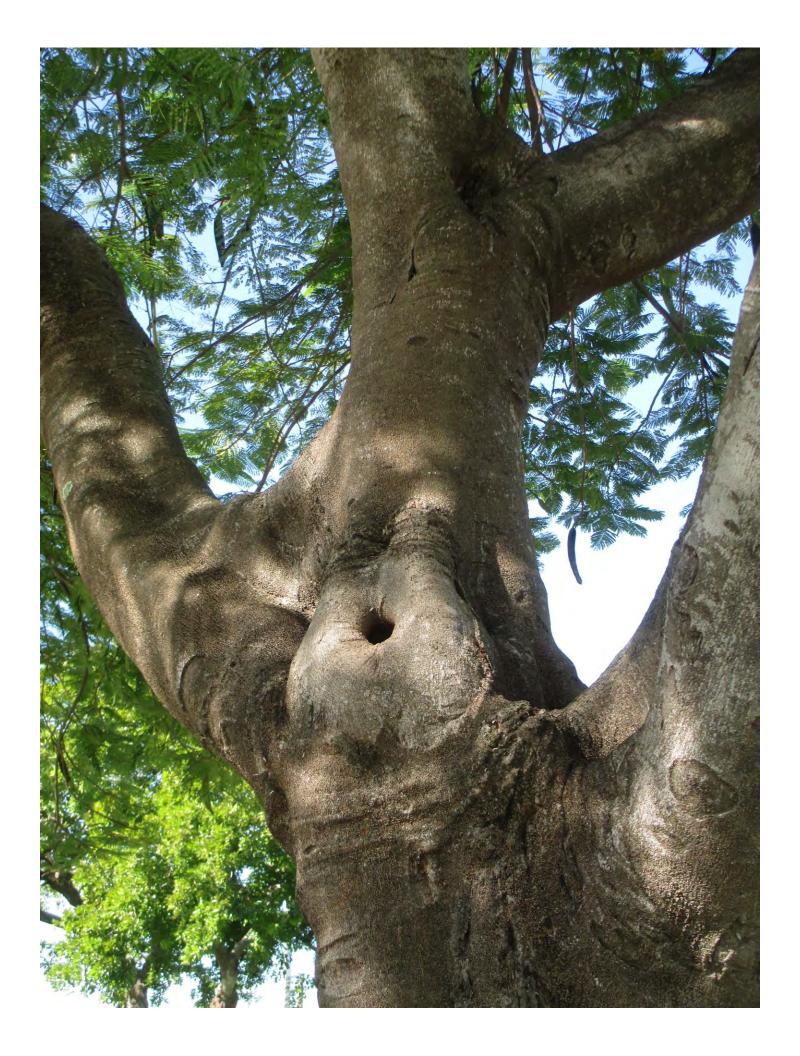
Tree #8: Royal Poinciana (Delonix regia)

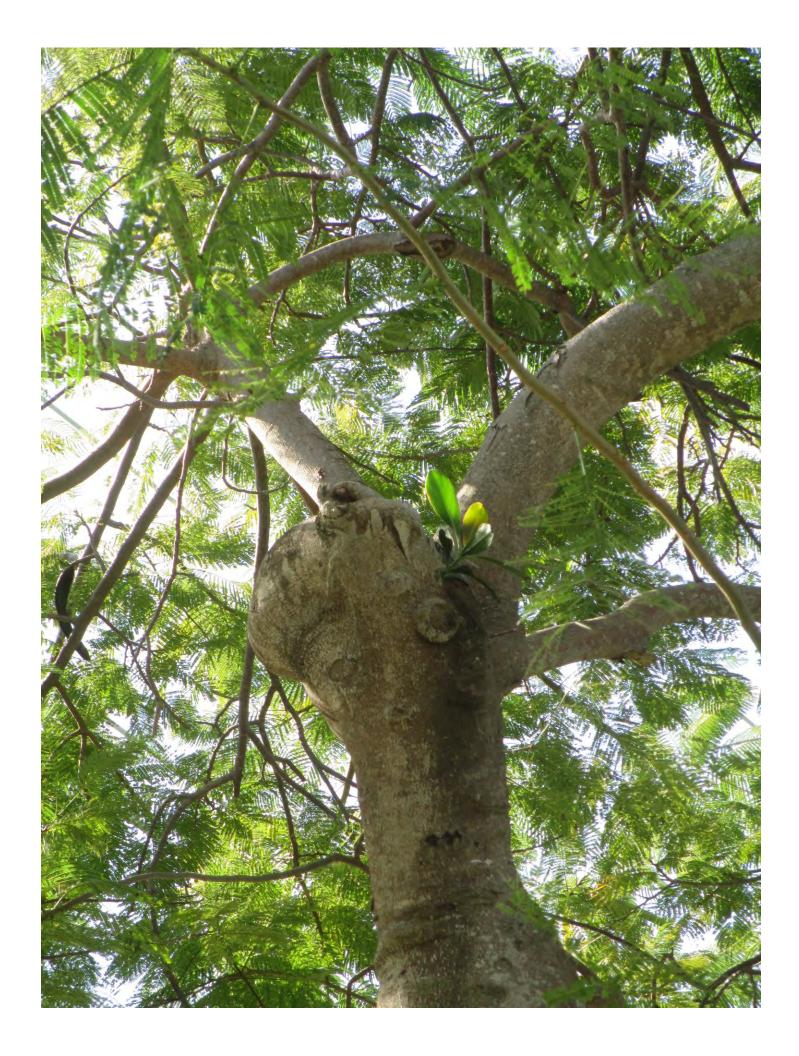














Diameter: 26" Location: 80%

Species: 100% (on protected tree list)

Condition: 30% (poor, hole in the base, lots of decay in canopy and in main

trunk system)

Total Average Value = 70%

Value x Diameter = 18 replacement caliper inches

Tree #9: Gumbo Limbo (Bursera simaruba)







Diameter: 12"

Location: 70% (exposed surface roots close to back porch area)

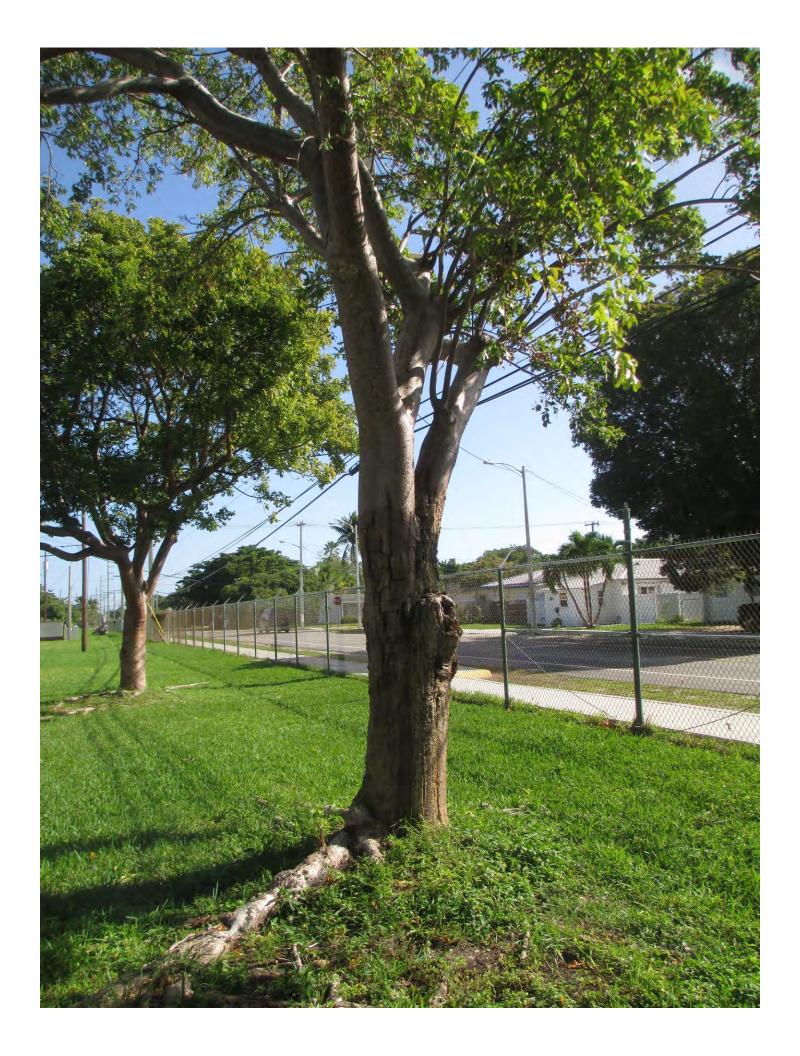
Species: 100% (on protected tree list)

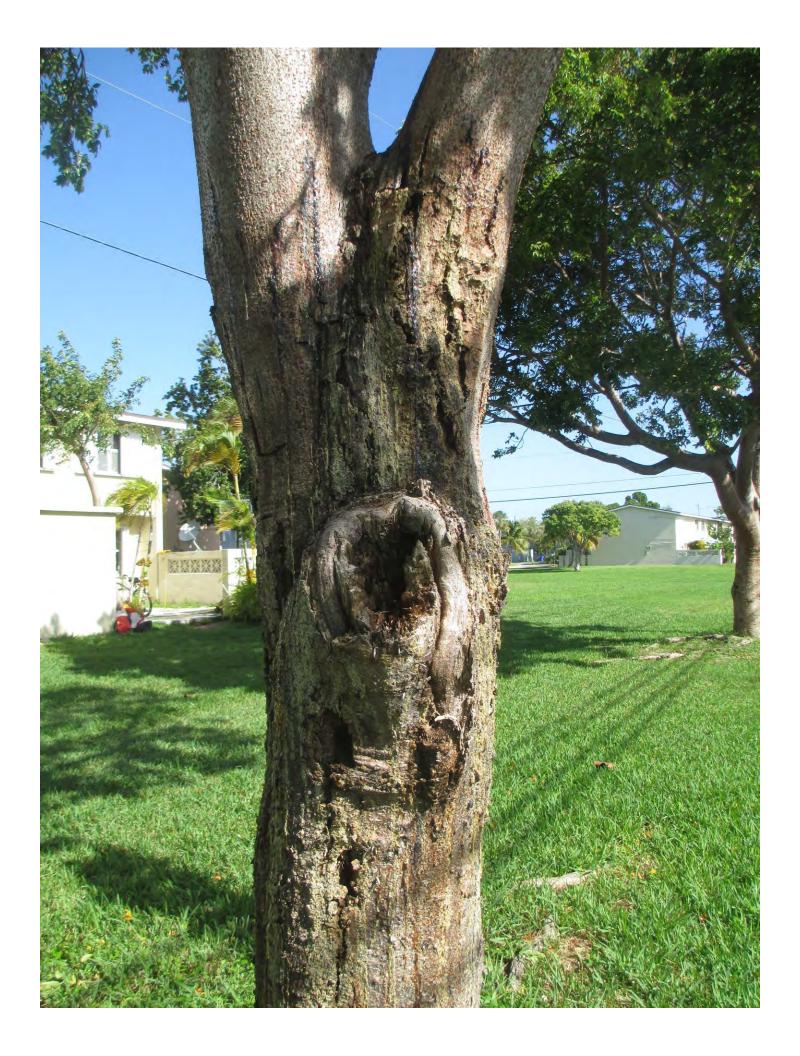
Condition: 20% (very poor-evidence of disease or insects in main trunk)

Total Average Value = 63%

Value x Diameter = 7 replacement caliper inches

Tree #11: Gumbo Limbo (Bursera simaruba)







Diameter: 21" Location: 80%

Species: 100% (on protected tree list)

Condition: 20% (diseased)
Total Average Value = 66%

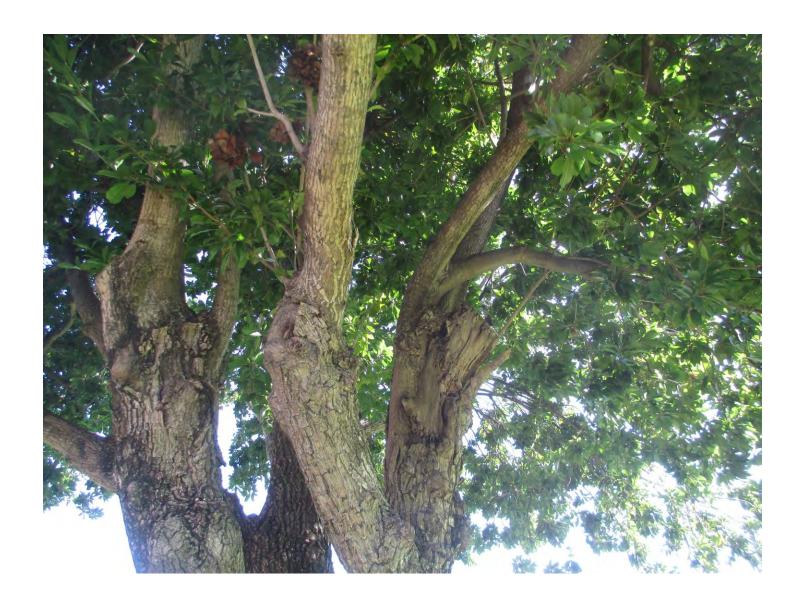
Value x Diameter = 13 replacement caliper inches

Tree #12: Sapodilla (Manilkara zapota)









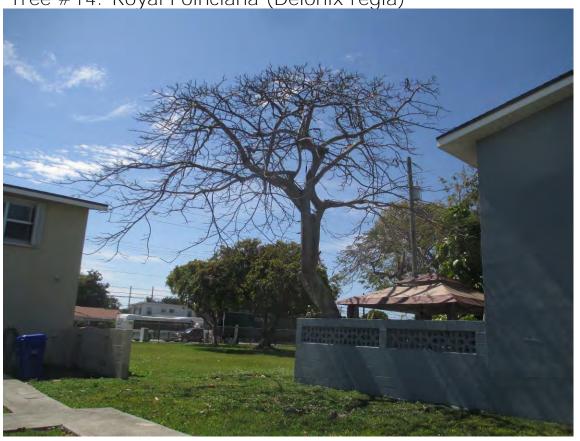
Diameter: 36" Location: 80%

Species: 100% (on protected tree list) Condition: 30% (poor, lots of decay)

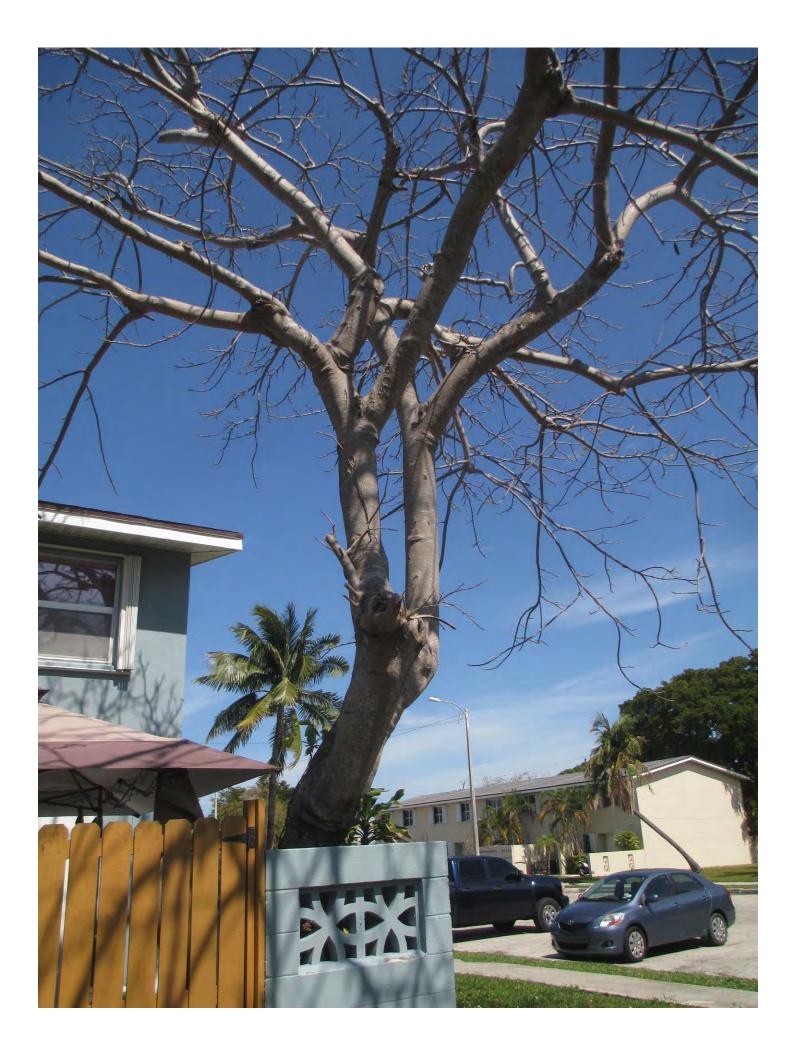
Total Average Value = 70%

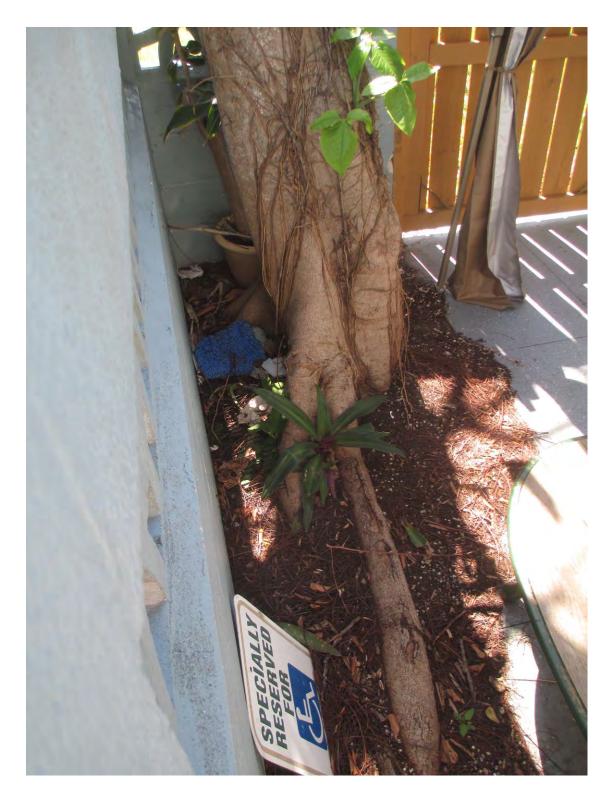
Value x Diameter = 25 replacement caliper inches

Tree #14: Royal Poinciana (Delonix regia)









Diameter: 14"

Location: 60% (roots impacting public open area)

Species: 100% (on protected tree list)

Condition: 40% (some decay, lot of exposed surface roots)

Total Average Value = 66%

Value x Diameter = 9 replacement caliper inches

Tree #15: Bottlebrush (Callistemon viminalis)





Diameter: 10" Location: 70%

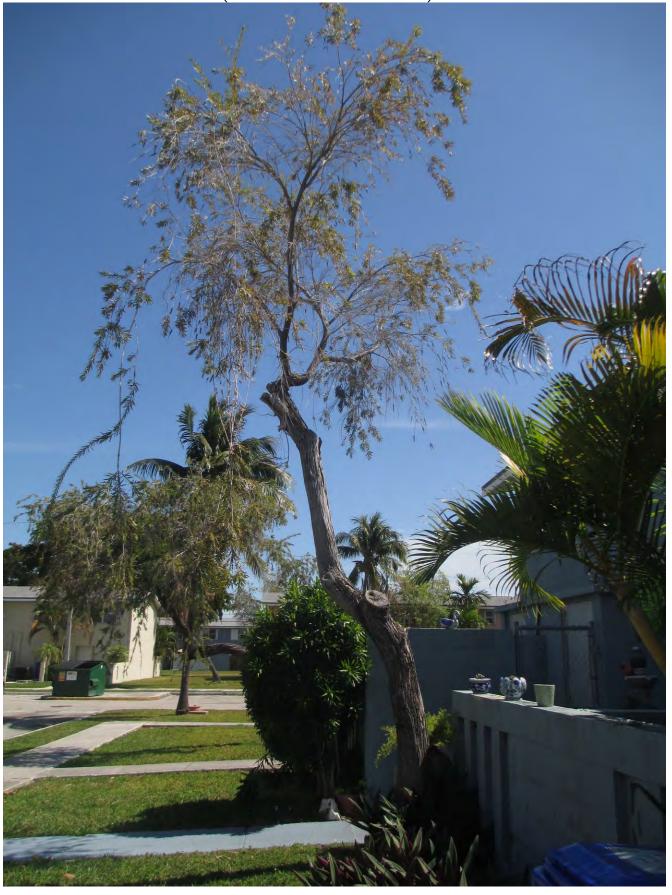
Species: 50% (not on protected or not protected tree list)

Condition: 40% (poor, strong lean)

Total Average Value = 53%

Value x Diameter = 5 replacement caliper inches

Tree #16: Bottlebrush (Callistemon viminalis)





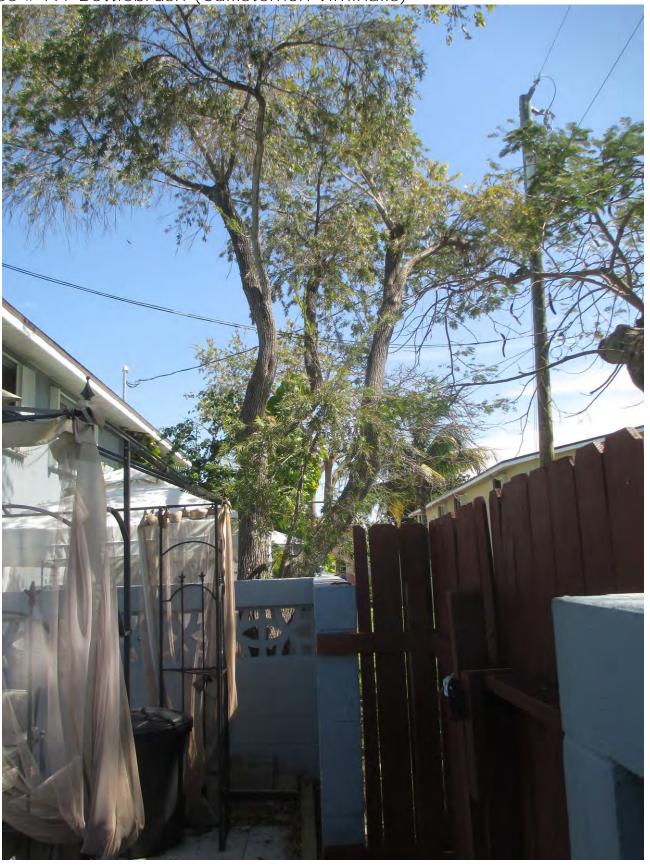
Diameter: 11" Location: 70%

Species: 50% (not on protected or not protected tree list) Condition: 30% (poor, major decay at old cut in canopy)

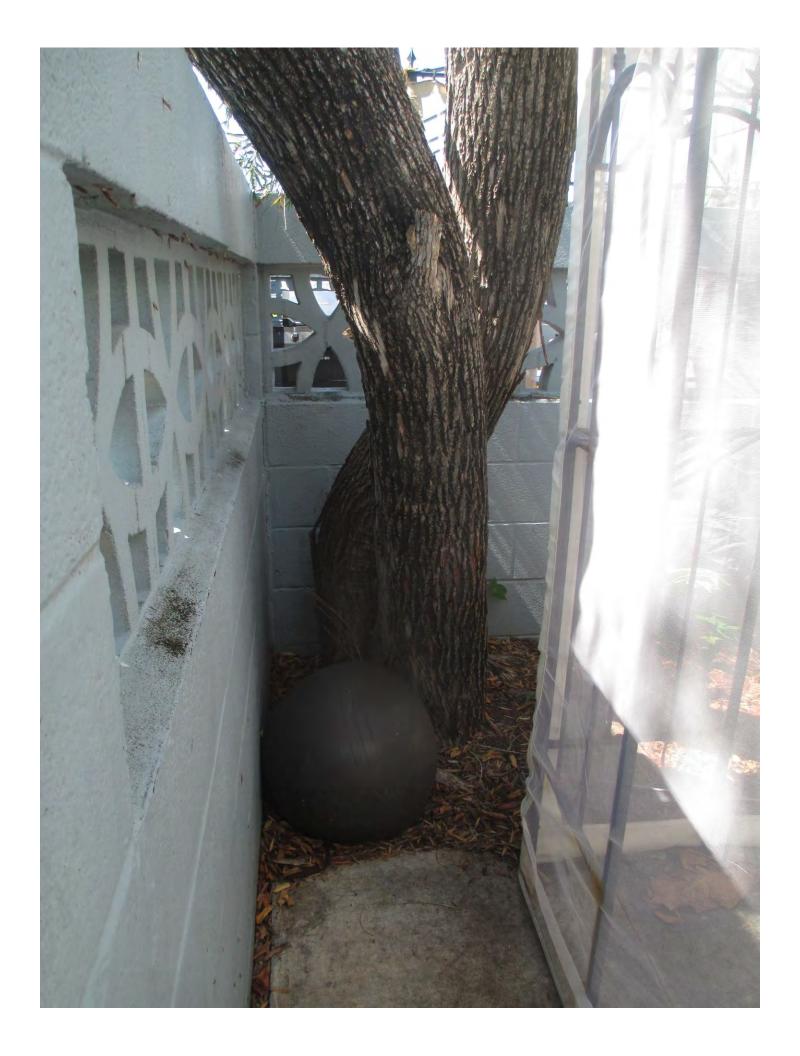
Total Average Value = 50%

Value x Diameter = 5 replacement caliper inches

Tree #17: Bottlebrush (Callistemon viminalis)









Diameter: 22"

Location: 60% (one trunk on wall)

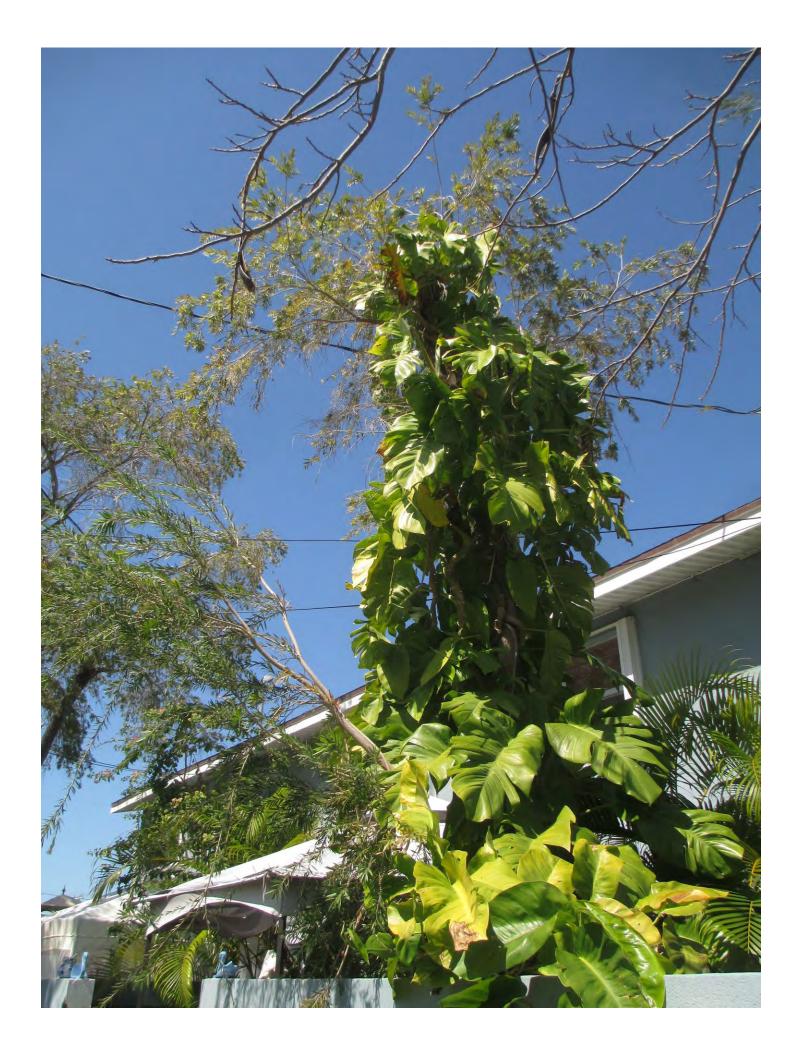
Species: 50% (not on protected or not protected tree list)

Condition: 50% (fair to poor, codominant trunks)

Total Average Value = 53%

Value x Diameter = 11 replacement caliper inches

Tree #18: Bottlebrush (Callistemon viminalis)





Diameter: 9" Location: 70%

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

Condition: 30% (poor)

Total Average Value = 50%

Value x Diameter = 4 replacement caliper inches

Tree #19: Gumbo Limbo (Bursera simaruba)





Diameter: 8"

Location: 20% (growing in fire/water line area)

Species: 100% (on protected tree list)

Condition: 30% (poor, sprawling, multi trunked)

Total Average Value = 50%

Value x Diameter = 4 replacement caliper inches

## Total required tree replacements:

Tree #1 Gumbo Limbo = 25"

Tree #6 Pongam = 31"

Tree #8 Royal Poinciana = 18"

Tree #11 Gumbo Limbo = 13"

Tree #14 Royal Poinciana = 9"

Tree # 16 Bottlebrush = 5"

Tree #19 Gumbo Limbo = 4"

Tree #4 Gumbo Limbo = 11"
Tree #7 Royal Poinciana = 15"

Tree #9 Gumbo Limbo = 7"

Tree #12 Sapodilla = 25"

Tree #15 Bottlebrush = 5"

Tree #17 Bottlebrush = 11"

Total = 179 caliper inches

Tree #3 Coconut Palm = 1-native palm

TRANSPLANT: Tree #10-Gumbo Limbo (Bursera simaruba)





## **Removal No Permit required**

Tree #2: Woman's Tongue (Albizia lebbek)



Diameter: 16" (less than 24" dbh, no permit required for removal)

Tree #5: Strangler Fig (Ficus aurea)-shrub not a tree, no permit required



TO REMAIN: Tree #13: Gumbo Limbo (Bursera simaruba)







Diameter: 13"

Overall View of Proposed Work Area:















## Application







Tree Representation Authorization

	Date: 2 - 2 2 - 1 6
Attendance at the Tree Commission meeting on the date when your request will be discussed is necessary in order to expedite the resolution of your application. This Tree Representation Authorization form must accompany the application if the property owner is unable to attend or will have someone else pick up the Tree Permit once issued.	
Please Clearly Print A	Il Information unless indicated otherwise.
Tree Address	1446 Only Dr KW 33040
Property Owner Name Property Owner eMail Address Property Owner Mailing Address	K. W. Housing Authority  CASTILLOM & KWHA. org  1400 KEMHEDY DT  KLY WEST State R Zip 33040
Representative Name	James A. Hichols
Representative eMail Address	JANICHOLS @ Sprynet, con
Representative Mailing Address	Bloomfield H.11s State mr Zip
Representative Phone Number	
to represent me in the matter of obt	
Property Owner Signature	M Exec Dire
The forgoing instrument was acknown	edged before me on this 22 day 225 16.
By (Print name of Affiant) T. MANU produced	who is personally known to me or has as identification and who did take an oath.
NOTARY PUBLIC Sign Name: Print Name:  My Commission Expires:  8 16 20	Notary Pulsic State of Florida (seal)

Updated: 02/22/2014





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## **Tree Representation Authorization**

	Date:
discussed is necessary in order t Tree Representation Authorization	on meeting on the date when your request will be a expedite the resolution of your application. This form must accompany the application if the propert is someone else pick up the Tree Permit once issued.
Please Clearly Print A	Il Information unless indicated otherwise.
Tree Address	1446 DONIAP DT KW 33040
Property Owner eMail Address Property Owner Mailing Address	(305) 296 5621 Zip 33040
Representative Name Representative eMail Address Representative Mailing Address Representative Mailing City Representative Phone Number	DO Box 1146  Ky West State RL Zip 33041
to represent me in the matter of obt	, hearby authorize the above listed agent(staining a Tree Permit from the City of Key West for mosted. You may contact me at the telephone listed above to my property.
Property Owner Signature	MExec DIR
The forgoing instrument was acknowled	edged before me on this 22 day 225 16.
By (Print name of Affiant) T. MANDE produced	who is personally known to me or ham as identification and who did take an oath.
NOTARY PUBLIC Sign Name:	Notary Publish Add Florida (seal)

Updated: 02/22/2014

Print Name: 1001

My Commission Expires: