

# STAFF REPORT

DATE: June 2, 2016

RE: **5555 College Road-Sunset Marina  
(permit application # T15-7994)**

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

An application was received for Final Landscape Plan Approval with Tree Removal. A staff report was created on May 5, 2016 regarding the removal and transplantation of trees in relation to the development of housing. The report is attached.

The Tree Commission gave Conceptual Approval for the landscape plan on May 10, 2016. The Planning Board approved the project on May 26, 2016.

The Final Landscape Plan submitted does incorporate all the required tree removal replacements (23.7 caliper inches and 1-native palm) and is over 70% native vegetation. The plans also include a statement that all invasive exotics plants (Australian Pine, Brazilian Pepper, Melaleuca, Lead tree and Thespesia populnea) will be removed from the property, especially along the mangrove shoreline.

**Recommendation: Recommend approval of the Final Landscape Plan With Tree Removal at 5555 College Road-Sunset Marina, as presented.**

# STAFF REPORT

DATE: April 20, 2016 and May 5, 2016

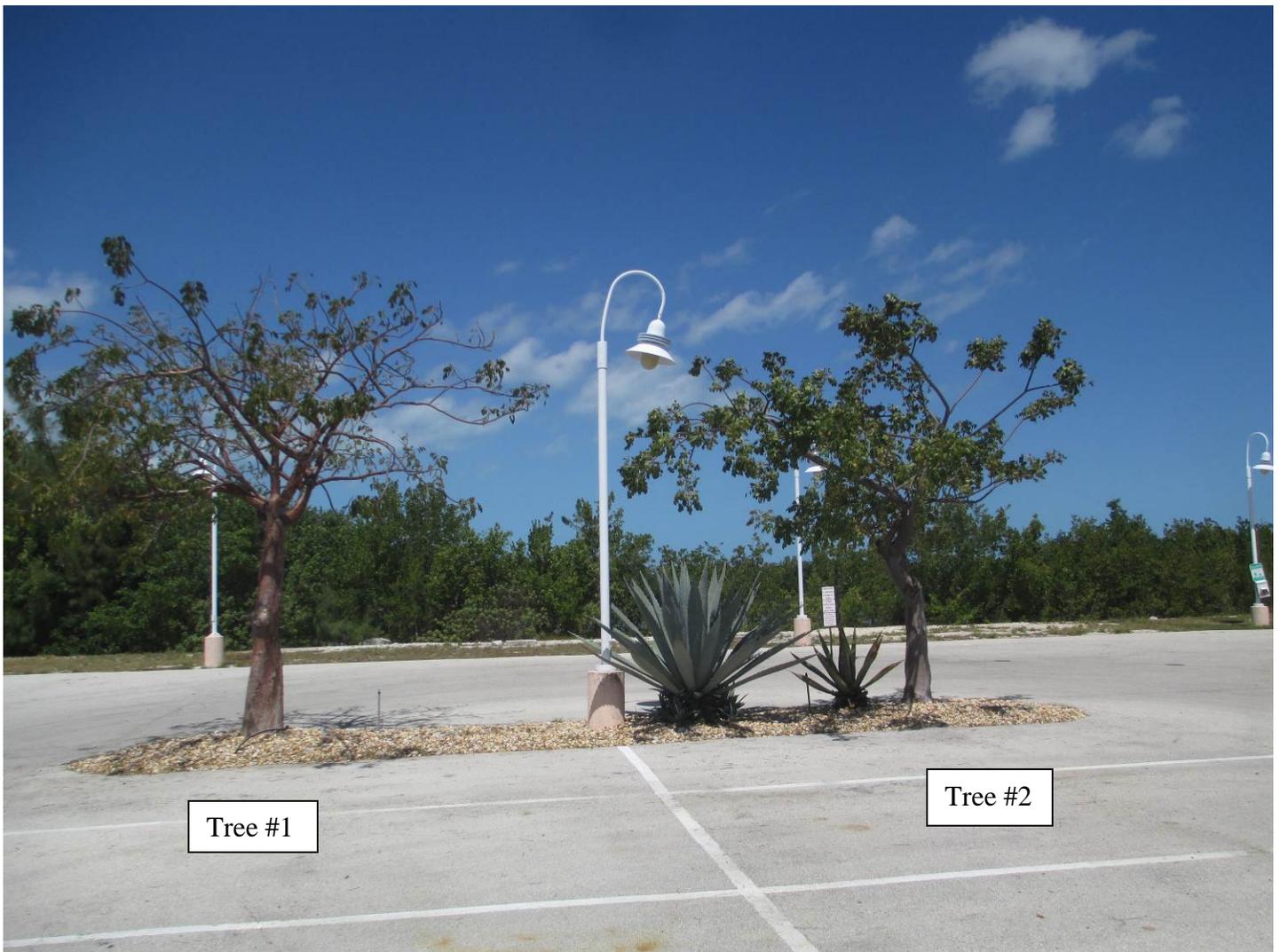
RE: **5555 College Road**

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

An application was received requesting the approval of the Conceptual Landscape Plan with Tree Removal for a major development plan at Sunset Marina. A site inspection was done on March 23, 2016 and documented the following:

Most of the proposed work will occur in what is an existing parking lot.

## REMOVALS





#1 Gumbo Limbo (*Bursera simaruba*)





Diameter: 9"

Location: 80%

Species: 100% (on protected tree list)

Condition: 40% (poor)

Total Average Value = 73%

**Value x Diameter = 6.5 replacement caliper inches**

#2 Gumbo Limbo (*Bursera simaruba*)



Diameter: 9"

Location: 80%

Species: 100% (on protected tree list)

Condition: 40% (poor)

Total Average Value = 73%

**Value x Diameter = 6.5 replacement caliper inches**

#11 Silver Buttonwood (Conocarpus erectus)



Diameter: 8" (Multiple trunks)

Location: 80%

Species: 100% (on protected tree list)

Condition: 60% (fair)

Total Average Value = 80%

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

#52 Gumbo Limbo (*Bursera simaruba*)

Tree Transplants #53 & 54



Diameter: 6"

Location: 80%

Species: 100% (on protected tree list)

Condition: 40% (poor)

Total Average Value = 73%

**Value x Diameter = 4.3 replacement caliper inches**

#108 Royal Palm (poor condition)



Replacement = 1 native palm, 4 ft tall.

TOTAL REPLACEMENTS REQUIRED:

Gumbo Limbo #1 = 6.5 caliper inches  
Gumbo Limbo #2 = 6.5 caliper inches  
Silver Buttonwood #11 = 6.4 caliper inches  
Gumbo Limbo #52 = 4.3 caliper inches

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**TOTAL: 23.7 caliper inches and 1-native palm**

#80 Melaleuca---Invasive Tree Species (no permit required for removal)



### **TRANSPLANTS**

**Sabal Palms #3, 8, 9, 10, 12, 47, 48, 49, 50, 51, 53, 54**

**Silver Buttonwood # 4,5,6,7, 28, 31, 32, 33, 75, 76**

**Gumbo Limbo # 29A, 29B, 63, 64, 65, 66**

**Japanese Fern #67**

**Royal Palm # 68, 73, 74, 111**

**Christmas Palm # 112, 113**

**Thatch Palms # 135**





Trees # 73, 74, 75, 76



Tree #66



Tree #65



Tree #64



Tree #63



Tree #111, 112, 113





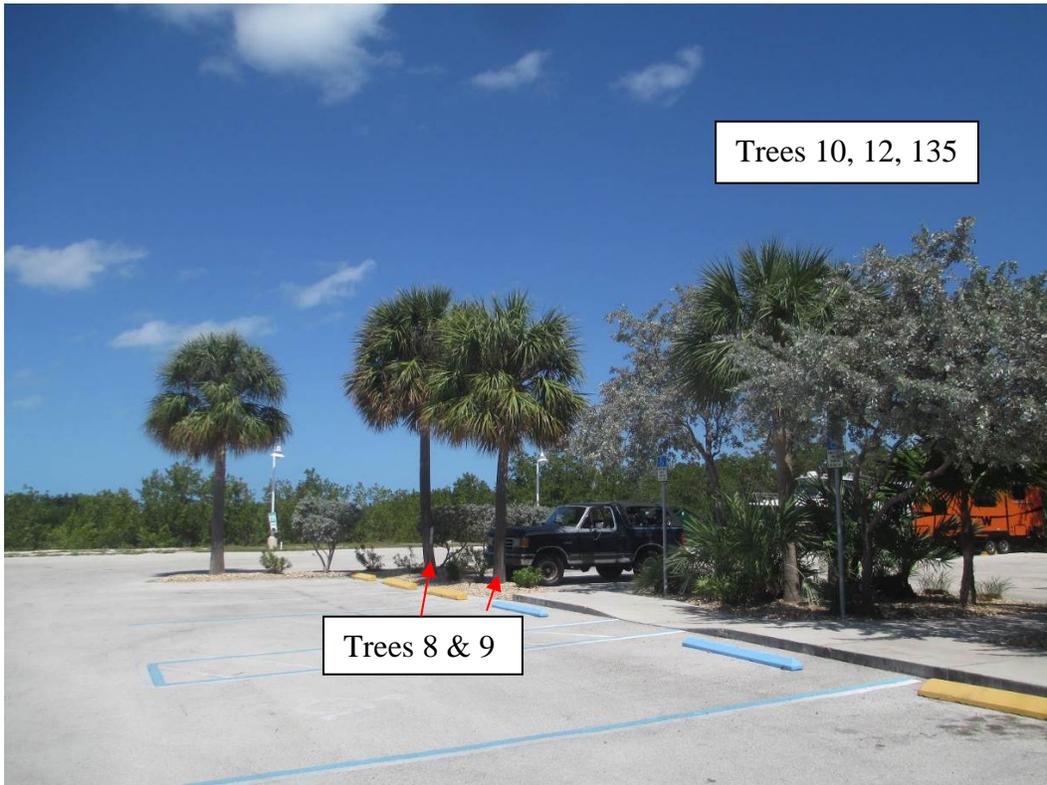
Tree #29B

Tree #29A



Tree #4, 5, 6, 7

Tree #3



Conceptual Landscape Plan Approval given May 10, 2016 (permit application # T16-7876)