

# STAFF REPORT

DATE: January 29, 2019

RE: **3338 N. Roosevelt Blvd (permit application # T2019-0017)**

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

An application was received requesting the removal of **(2) Gumbo Limbos (tree# 5 & 6)** and **(2) Sea Grape trees (tree# 7 & 9)** that are being impacted by the redevelopment of the Regal Cinema Movie Theater which was heavily damaged by Hurricane Irma. A site inspection was done and documented the following:

Sea Grape #7

Gumbo Limbo #6

Gumbo Limbo #5





01/17/2019

**Tree Species: Gumbo Limbo (*Bursera simaruba*)**

**Tree#5:**









Diameter: 10.5"

Location: 60% (tree planted under utility lines)

Species: 100% (on protected tree list)

Condition: 70% (fair to good)

Total Average Value = 76%

**Value x Diameter = 7.9 replacement caliper inches**

Can tree be transplanted?

Tree# 6:











01/17/2019



Diameter: 14.9" (multi trunked)

Location: 60% (planted under utility lines)

Species: 100% (on protected tree list)

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

Total Average Value = 70%

**Value x Diameter = 10.4 replacement caliper inches**

Gumbo Limbo #5   Gumbo Limbo #6   Sea Grape #7



Tree Species: Sea Grape (*Coccoloba uvifera*)

Tree# 7:





01/17/2019











01/17/2019



01/17/2019





01/17/2019



01/17/2019



Diameter: 49" (multi trunked)

Location: 40% (planted under utility lines, impacting utility pole)

Species: 100% (on protected tree list)

Condition: 40% (poor canopy structure-lots of cross branches, decay in branches)

Total Average Value = 60%

**Value x Diameter = 20.4 replacement caliper inches**

Tree# 9:





01/17/2019





Diameter: 14.6" (two trunks)

Location: 70% (close to structure)

Species: 100% (on protected tree list)

Condition: 50% (fair, codominant trunks, canopy growth one sided due to structure, some canopy damage)

Total Average Value = 73%

**Value x Diameter = 10.6 replacement caliper inches**

**Gumbo Limbo #5 = 7.9"**

**Gumbo Limbo #6 = 10.4"**

**Sea Grape #7 = 20.4"**

**Sea Grape #9 = 10.6"**

**Total replacement requirements 49.3 caliper inches.**

Along side of theater, new emergency exit doors and walkways being installed. This work will impact Sea Grape #9 and Sea Grape shrub #13 (both to be removed). Recommend remaining trees on the property be properly trimmed by a certified arborist to correct storm damage and lack of maintenance.

Photos of other trees on property:





Sea Grape  
Shrub #13



Sea Grape #13:  
was once a tree but  
Hurricane Irma  
knocked over tree  
and uplified roots.  
“Tree” is now  
considered a busy  
shrub and not  
regulated.

Looking down side property line.





01/17/2019



Entrance area:  
Sabal Palm to remain, silver buttonwood shrubs to be removed



Sabal Palm on left to remain, Sabal Palm on right to be removed, silver buttonwood shrub and bottle palm also to be removed.

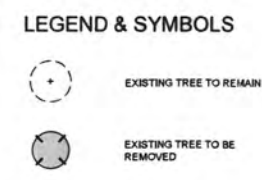
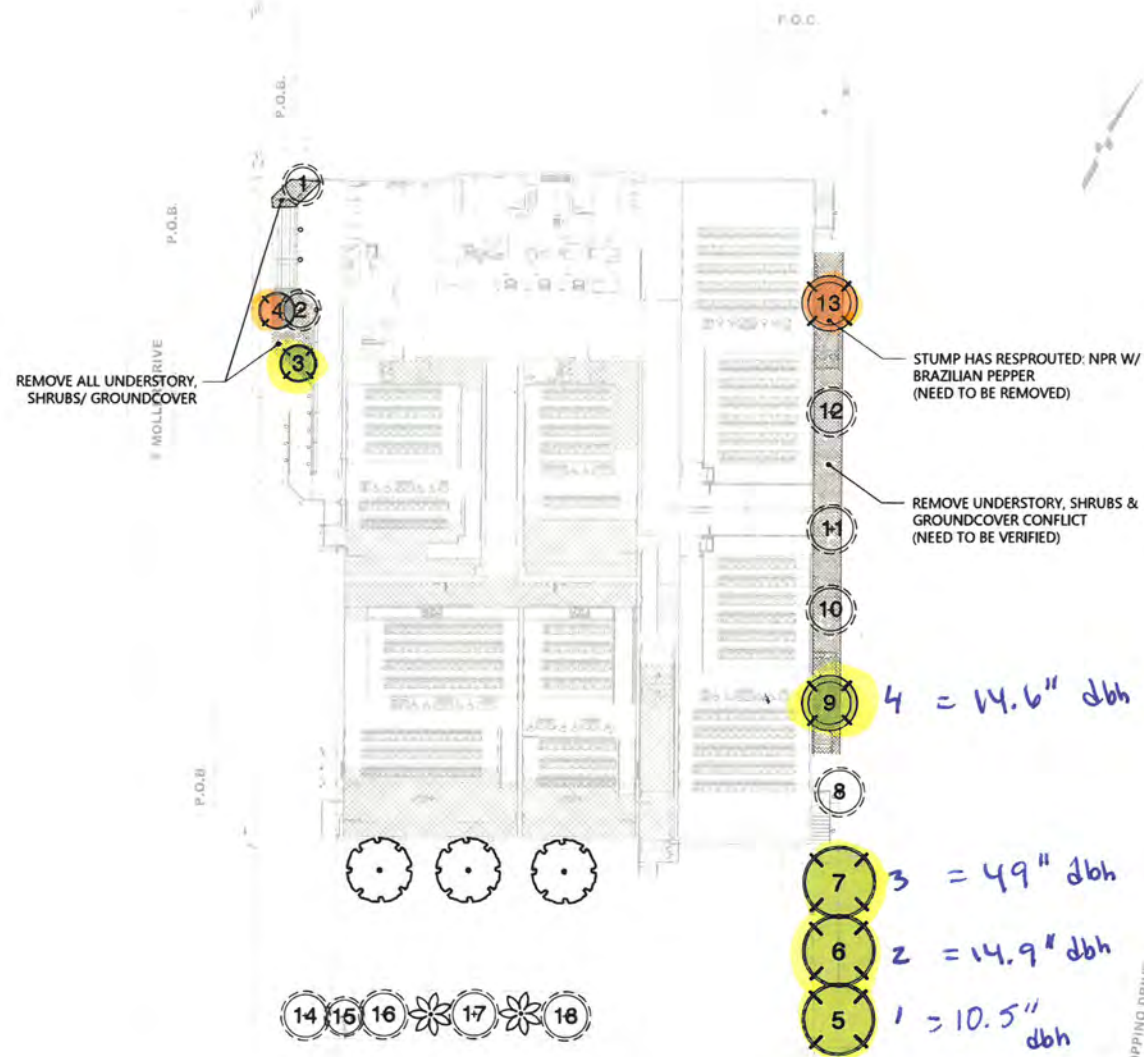






Remove Regulated

Remove Not Regulated



**LANDSCAPE INVENTORY DISPOSITION**

| MAP ID | Latin Name             | Common Name      | DBH (in)    | Clear Trunk (ft) | Existing Condition | Impact | Regulated | Note  |
|--------|------------------------|------------------|-------------|------------------|--------------------|--------|-----------|---|
| 1      | Sabal palmetto         | Sabal Palm       | /           | 8                | Good               | Remain | REG       | /   |
| 2      | Sabal palmetto         | Sabal Palm       | /           | 12               | Good               | Remain | REG       | /   |
| 3      | Sabal palmetto         | Sabal Palm       | /           | 12               | Good               | Remove | REG       | Removed due to new building plan            |
| 4      | Hyophorbe lagenicaulis | Bottle Palm      | /           | 12               | Good               | Remove | REG       | Removed due to new building plan            |
| 5      | Bursera simaruba       | Gumbo Limbo      | 12          | /                | Fair               | Remove | REG       | Removed due to overhead power line conflict |
| 6      | Bursera simaruba       | Gumbo Limbo      | 14          | /                | Fair               | Remove | REG       | Removed due to overhead power line conflict |
| 7      | Coccoloba uvifera      | Seagrape         | Multi-trunk | /                | Fair               | Remove | REG       | Removed due to overhead power line conflict |
| 8      | Sabal palmetto         | Sabal Palm       | /           | 6                | Good               | Remain | REG       | /   |
| 9      | Coccoloba uvifera      | Seagrape         | Multi-trunk | /                | Good               | Remove | REG       | /   |
| 10     | Coccoloba uvifera      | Seagrape         | Multi-trunk | /                | Good               | Remain | REG       | /   |
| 11     | Coccoloba uvifera      | Seagrape         | Multi-trunk | /                | Good               | Remain | REG       | /   |
| 12     | Chamaerops             | Fan Palm         | /           | 6                | Good               | Remain | REG       | /   |
| 13     | Coccoloba uvifera      | Seagrape         | /           | /                | Heavily Damaged    | Remove | REG       | Removed due to new building plan            |
| 14     | Coccoloba uvifera      | Seagrape         | /           | /                | Good               | Remain | REG       | /   |
| 15     | Coccoloba uvifera      | Seagrape         | /           | /                | Good               | Remain | REG       | Shrub                                       |
| 16     | Swietenia mahagoni     | Mahogany Tree    | 10          | /                | Fair               | Remain | REG       | /   |
| 17     | Phoradendron           | Jamaican Dogwood | 10          | /                | Fair               | Remain | REG       | /   |
| 18     | Swietenia mahagoni     | Mahogany Tree    | /           | 3                | Good               | Remain | REG       | /   |

Sabal Palm

**PLANT SCHEDULE**

| TREES | CODE | QTY | BOTANICAL NAME   | COMMON NAME      | CONT. | CALIPER               |
|-------|------|-----|------------------|------------------|-------|-----------------------|
|       | BS   | 3   | BURSERA SIMARUBA | GUMBO LIMBO      | -     | 2.5 CAL, 10'-12' C.T. |
|       | SP   | 2   | SABAL PALMETTO   | CABBAGE PALMETTO | -     | 8'-10' C.T.           |

**TREES TO BE REMOVED**



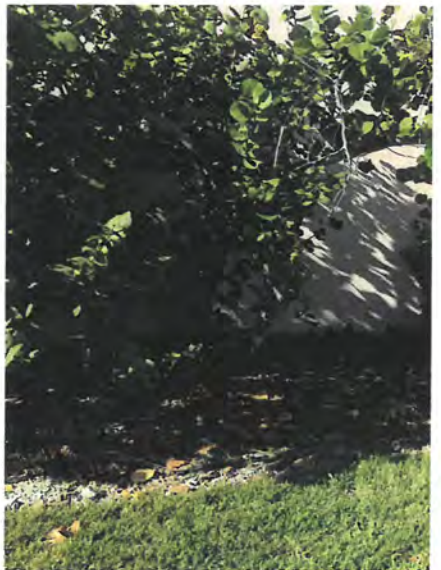
Tree No. 5 & No.6



Tree No. 6 & No.7



Tree No. 7



Tree No. 9

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Regal Cinema Landscape

Key West

| NO. | DATE | DESCRIPTION | BY | CHK | APV |
|-----|------|-------------|----|-----|-----|
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PROJECT NUMBER  
**527118137**

DRAWING NUMBER  
**L1.0**

DRAWING NAME  
**LANDSCAPE IMPROVEMENT PLAN**

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