

STAFF REPORT

DATE: July 31, 2018

RE: **628 United Street (permit application # T18-9104)**

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

An application was received requesting Conceptual Landscape Plan Approval for a major development plan to redevelop the property to include the removal of **(9) Young Spanish Lime trees, (2) Arborvitae trees, and (1) Gumbo Limbo**. A site inspection was done and documented the following:











Tree #2
to remain

Tree #4 to
remain

07/24/2018



Tree #1 Spanish Lime tree to remain

Tree Species #3: Spanish Lime (*Melicoccus bijugatus*)







Note: in order for saplings to be considered trees, the policy is that saplings must be 1" diameter and a minimum 5 ft tall. In area #3 there 5 young Spanish Lime saplings were 1" diameter or over and considered to be "trees" and regulated.

Diameter: 1", 1", 1.5", 1.5", 1" = 6"

Location: 60% (along property line area in root zone of large Gumbo Limbo and Tamarind tree)

Species: 100% (on protected tree list)

Condition: 50% (fair, young trees)

Total Average Value = 70%

Value x Diameter = 4.2 replacement caliper inches

Tree Species #5: Spanish Lime (*Melicoccus bijugatus*)



Note: in order for saplings to be considered trees, policy is that saplings must be 1" diameter and a minimum 5 ft tall. In area #5 there 5 young Spanish Lime saplings were 1" diameter or over and considered to be "trees" and regulated.

Diameter: 1.5", 1.25", and 1" = 3.75"

Location: 60% (along property line area in root zone of large Gumbo Limbo and Tamarind tree)

Species: 100% (on protected tree list)

Condition: 50% (fair, young trees)

Total Average Value = 70%

Value x Diameter = 2.6 replacement caliper inches

**Tree Species: Arborvitae (*Thuja occidentalis*) and
Gumbo Limbo (*Bursera simaruba*)**







Note: Gumbo Limbo tree is growing in one of the arborvitae trees.





Gumbo Limbo

07/24/2018



07/24/2018



Arborvitae Trees Diameter: 15.25" and 18" = 33.25"
Location: 60% (in front of property-encased in asphalt)
Species: 50% (not on protected or not protected tree list)
Condition: 40% (poor)
Total Average Value = 50%
Value x Diameter = 16.6 replacement caliper inches

Gumbo Limbo Tree Diameter: 7"
Location: 40% (in front of property-growing in root ball of another tree that is encased in asphalt)
Species: 100% (on protected tree list)
Condition: 40% (poor, codominant trunks, poor structure)
Total Average Value = 60%
Value x Diameter = 4.2 replacement caliper inches

Total replacement inches = 27.6"

Landscape Plan: The landscape plan represents a list of species that are 70% native and appropriate for the area. The plan does incorporate the required replacement tree inches.

Recommendation: Recommend approval of the Conceptual Landscape Plan to include the removal of eight (8) young Spanish Limes, (2) Arborvitae trees, and (1) Gumbo Limbo at 638 United Street to be replaced with 27.6 caliper inches of dicot or fruit trees from approved list, FL#1, to be planted on site and incorporated into the plan.