

UPDATED STAFF REPORT

DATE: September 27, 2017

RE: **1121 Margaret Street (permit application # T17-8610)**

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

A site inspection was done on September 26, 2017 to document the existing condition of the two young Spanish Lime trees and the Mahogany tree after Hurricane Irma.



The trees appear to be in mostly the same condition as prior to the hurricane. The Mahogany tree does have a more pronounced lean over the house and trunk curve due to hurricane winds.



Spanish Lime Tree #1: Diameter: 3.5"

Location: 40% (growing under canopy and in root system of larger Spanish Lime tree)

Species: 100% (on protected tree list)

Condition: 50% (poor structure)

Total Average Value = 63%

Value x Diameter = 2.2 replacement caliper inches

Spanish Lime Tree #2: Diameter: 6.3"

Location: 40% (growing under canopy and in root system of larger Spanish Lime tree)

Species: 100% (on protected tree list)

Condition: 30% (very poor, codominant trunks, fence imbedded in one trunk)

Total Average Value = 56%

Value x Diameter = 3.5 replacement caliper inches

NOTE: Larger Spanish Lime trees to remain.



Mahogany Tree Diameter: 8.5"

Location: 60% (growing in between two structures-small growing space, wrong tree species, wrong place)

Species: 100% (on protected tree list)

Condition: 50% (fair to poor- stronger and more pronounced lean over the house)

Total Average Value = 70%

Value x Diameter = 5.9 replacement caliper inches

Recommendation: Recommend approval of the removal of two (2) young Spanish Lime trees and (1) Mahogany tree at 1121 Margaret Street to be replaced with a total of 11.6 caliper inches of dicot or fruit trees from approved list, FL#1, to be planted on site.