

# STAFF REPORT

DATE: October 1, 2020

RE: 714 Passover Lane (permit application # T2020-0287)

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

An application was received requesting the removal of (1) Silver Buttonwood, (1) Mahogany, (1) Mango, (1) Frangipani, and (1) Sapodilla tree. A site inspection was done and documented the following:



Photo showing entrance area to property, view 1.





Photo showing  
entrance area  
to property  
view 2.



Streetview  
photo of  
property.



Tree Species: Silver Buttonwood (*Conocarpus erectus*) tree #1



Photo showing location of tree.





Photo showing whole tree.





Photo showing base of tree and trunk.





Photo showing tree canopy.

Diameter: 3.8"

Location: 60% (growing under larger canopy tree)

Species: 100% (on protected tree list)

Condition: 60% (overall condition is fair, trunk has growth lean toward sidewalk/road, could not see base of tree or root system due to rocks/bricks piled in the area)

Total Average Value = 73%

Value x Diameter = 2.7 replacement caliper inches



Tree Species: Mahogany (Swietenia mahagoni) tree #3



Photo showing whole tree and location.





Photo showing tree trunks.





Photo of tree canopy.



Photo so canopy and main branches/trunks.



Damaged/decay area



Close up photo of the main two trunks.





Tree to remain  
(tree #4)

Photo of base and trunk of tree and location near house.





Tree #4 to remain.

Photo of tree trunk and location to house.





Photo of base of tree and relation to house.





Photo looking up main tree trunk 1 toward canopy and decay area.





Photo looking up main tree trunk 2 toward canopy.





Close up photo of tear/decay area in trunk 1, view 1.





Close up photo of trunk 2 and branches, view 1.





Close up photo of trunk 2 and branches, view 2.





Close up photo of tear/decay area in trunk 1, view 2.





Close up photo of tear/decay area in trunk 1, view 3.

Diameter: 29.2"

Location: 50% (growing close to historic house)

Species: 100% (on protected tree list)

Condition: 50% (overall condition is fair to poor, codominant trunk system- one trunk has what appears to be an old tear-major decay prior to area where branches are located, second trunk branches out to three main branches all with included bark and mushrooms growing in at least one area and a decay hole close to juncture )

Total Average Value = 66%

Value x Diameter = 19.2 replacement caliper inches



Tree Species: Mango (*Mangifera indica*) tree #5



Photo showing location of tree.





Photo showing tree trunk and canopy, view 1.





Photo showing tree trunk and canopy, view 2.





Photo showing tree trunk and canopy, view 3.



Mango tree to remain



Photo showing base of tree.

Diameter: 8.2"

Location: 60% (growing close to historic structure-canopy shape impacted)

Species: 100% (on protected tree list)

Condition: 70% (overall condition is fair to good, canopy shape impacted by house on one side-statement submitted with application says tree has never fruited)

Total Average Value = 76%

Value x Diameter = 6.2 replacement caliper inches



Tree Species: Frangipani (Plumeria sp.)



Photo showing whole tree and location, view 1.





Photo of tree trunk and canopy, view 1.





Photo showing whole tree and location, view 2.





Photo showing base of tree and trunk.





Photo of tree trunk and canopy, view 2.





Photos of base of tree.

Diameter: 10.1"

Location: 90%

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

Condition: 50% (overall condition is fair to poor, trunk has decay-old injury near base, canopy has small decay areas at old breaks and cuts.)

Total Average Value = 63%

Value x Diameter = 6.3 replacement caliper inches



Tree Species: Sapodilla (Manilkara zapota)



Photo showing tree location, view 1.





Photo of tree trunk and main branches.





Photo of base of tree.





Photo of main branches and canopy, view 1.





Photo of tree trunk and tear/decay area, view 1.





Photo of tree trunk and tear/decay area, view 2.





Photo of main branches and canopy, view 1.





Close up photo of tear/decay area.





Photo of canopy, view 1.





Two photos  
of tree  
canopy.







Photo showing tree location, view 2.

Diameter: 30.5"

Location: 60% (growing close to house-this section of structure is an addition, not historic)

Species: 100% (on protected tree list)

Condition: 40% (overall condition is fair to poor, large tear/decay area at main branch/trunk juncture, canopy lopsided with most of weight over house, lane, and utilities)

Total Average Value = 66%

Value x Diameter = 20.1 replacement caliper inches

Total (if all removals approved): 54.5 caliper inches

Tree #1 = 2.7"

Tree #3 = 19.2"

Tree #5 = 6.2"

Tree #6 = 6.3"

Tree #7 = 20.1"



Mahogany tree to remain and trimmed (tree #4):



Two photos  
of tree to be  
trimmed.

Sapodilla to be transplanted:



Photo of tree to be  
transplanted.