

STAFF REPORT

DATE: February 28, 2023

RE: **541 White Street-Peary Court**
(permit application # T2023-0064)

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

An application was received requesting the removal of **(2) Madras Thorn, (1) Sacred Fig, (1) Mahogany, and (1) Mango tree**. A site inspection was done and documented the following:

Tree Species: Madras Thorn (Pithocellobium dulce)

Tree #130



Photo of whole tree, view 1.



Photo of
canopy
showing old
break.



Photo of
whole tree,
view 2.



Photo showing co-dominant trunks.



Photo of one trunk with ficus tree growing/ attached, view 1.



Photo of
one trunk
with ficus
tree
growing/
attached,
view 2.



Photo of
one trunk
with ficus
tree
growing/
attached,
view 3.



Photo showing base of trunks. Note ficus roots on one trunk.



Photo of second trunk canopy.



Photo showing trunk one with ficus tree growth and location of trunk to property line fence.

Diameter: 54" (two trunks)

Location: 80% (growing in vacant lot area, very visible tree.)

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

Condition: 40% (overall condition is poor. Codominant trunks with poor structure. Ficus plant is growing on one of the main trunks. Large canopy branch break observed.)

Total Average Value = 56%

Value x Diameter = 30.2 replacement caliper inches

Recommend removal of tree.

Tree #46



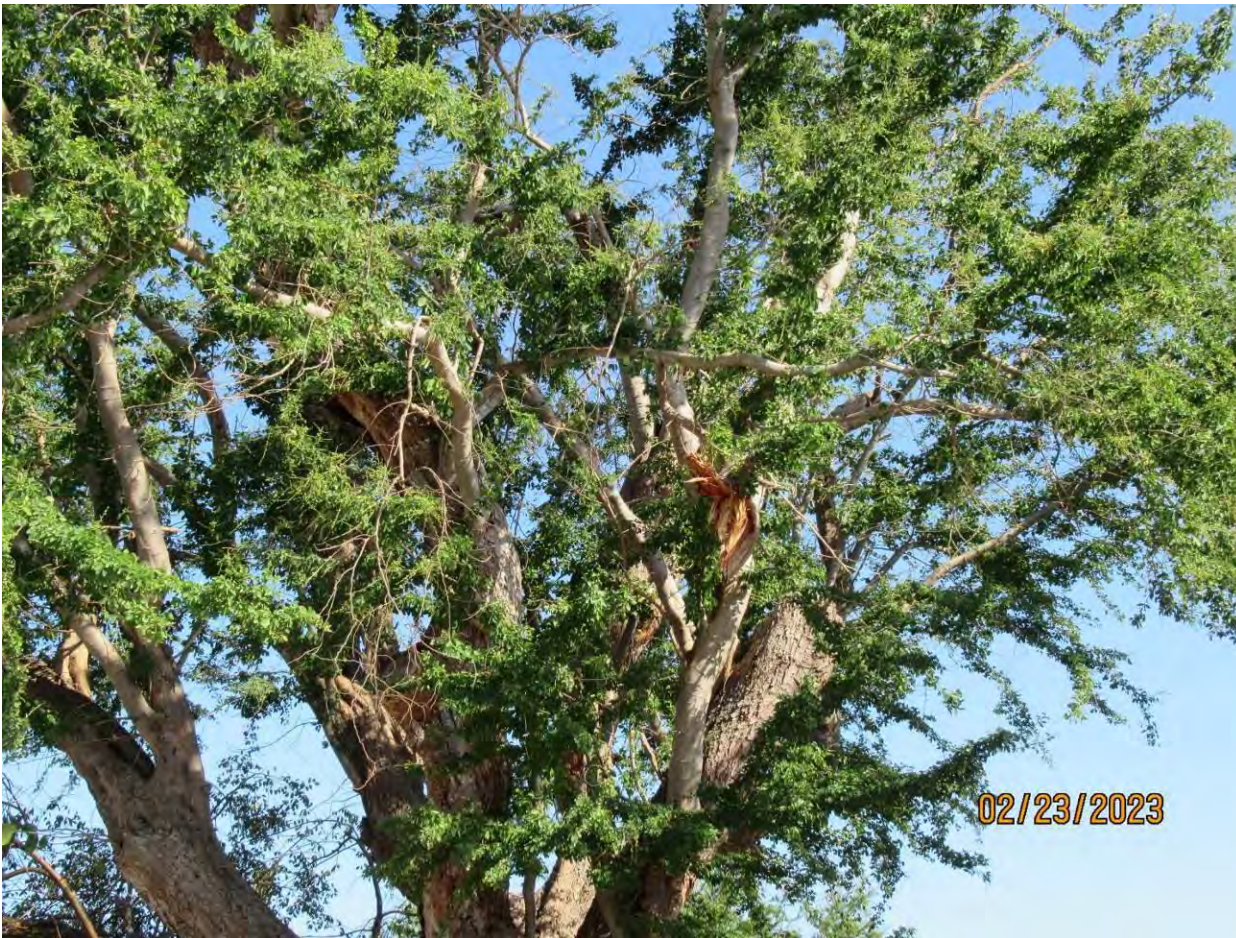
Photo of
whole tree,
view 1.



Photo of
while tree,
view 2.



Photo of trunks and base of tree, view 1.



Two
photos of
tree
canopy,
view 1 &
2. Note
branch
breakage.





Photo of tree trunks. Note major decay in one trunk.



Photo of main canopy trunks and branches, view 1. Note decay in main trunk and breakage in canopy branches.



Two
photos of
canopy,
views 3 &
4.





Photo of main canopy trunks and branches, view 2.



Two photos of
base of tree
and main
trunks, views
2 & 3.





Photo of base of tree and main trunks, view 4



Photo of tree canopy, view 5.

Diameter: 79.6"

Location: 80% (growing in front of vacant lot area near sidewalk. Very visible tree.)

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

Condition: 20% (overall condition is very poor, major decay throughout tree canopy and main trunk. Tree is a potential a safety risk.)

Total Average Value = 50%

Value x Diameter = 39.8 replacement caliper inches

Recommend removal of tree.

Tree Species: Sacred Fig (*Ficus religiosa*)

Tree #44



Photo of tree showing location.



Photo of base and trunk of tree, view 1.



Photo of whole tree.



Photo of tree trunks. Tree has two main trunks and included bark, view 1.



Two photos of areas of tree trunks
with insulated foam.



Two
photos
of the
tree
canopy,
views 1
& 2.





Tree photos
of the tree
canopy,
views 3 &
4.





Photo of tree canopy, view 5.



Photo of tree trunks, view 2.



Photo of base of tree and trunk, view 2.



Photo of base of tree.

Diameter: 45.2"

Location: 70% (growing along side of vacant lot area near existing building and footpath area, very visible tree.)

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

Condition: 30% (overall condition is poor. Decay observed in canopy branches. Main trunk has insulation foam sprayed into hole areas. Exposed root flare area has been heavily trimmed/impacted.)

Total Average Value = 50%

Value x Diameter = 22.6 replacement caliper inches

Recommend removal of tree.

Tree Species: Mahogany (Swietenia mahagoni)

Tree #191 (actually located where 193 is on the map)



This tree is a non native ficus tree-not regulated.

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Photo showing location of tree.



Photo of
tree
canopy,
view 1.



Photo of
base and
trunk of
tree,
view 1.



Photo of whole tree.



Photo of
tree
canopy,
view 2.



Photo of
base and
trunk of
tree, view 2.



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Two
photos of
base and
trunk of
tree, view
3 & 4.



02/23/2023

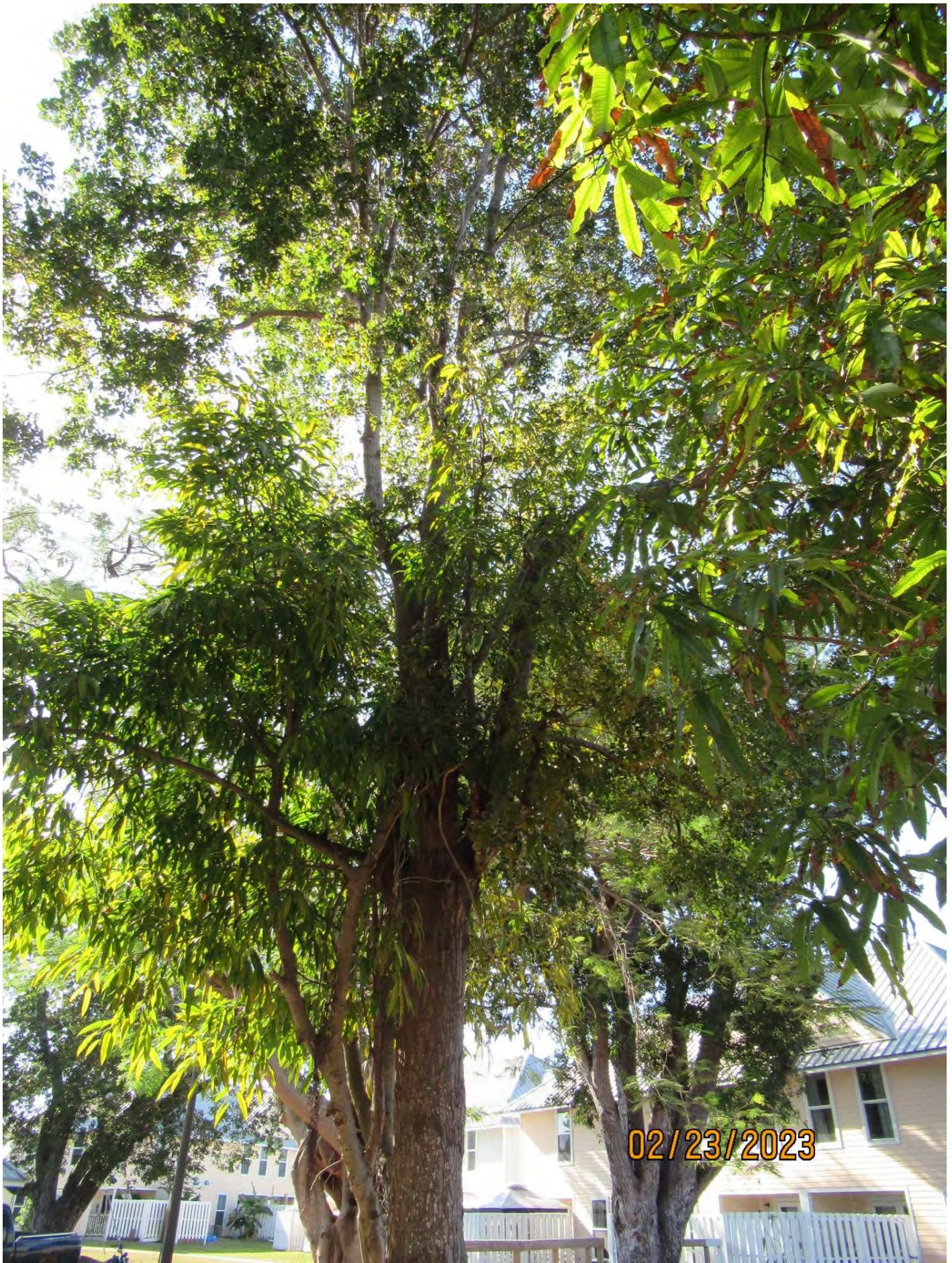


Photo of tree trunk and canopy.



Photo of base and trunk of tree, view 5.

Diameter: 14.3"

Location: 60% (growing in rear area of vacant lot near interior foot path next to a non-native, Ficus "alii" tree.)

Species: 100% (on protected tree list)

Condition: 40% (overall condition is fair to poor. Tree health and overall structure is fair, poor root structure.)

Total Average Value = 66%

Value x Diameter = 9.4 replacement caliper inches

Recommend removal of tree.

Note: Tree # 192, a Ficus "Alii" tree is a non-native ficus tree less than 24 inches diameter therefore, it is not regulated and no permit is needed to remove it.

Tree Species: Mango (*Mangifera indica*)

Tree # 193 (actually located where 191 is on the map)



Photo of whole tree.



Photo of whole tree showing location.



Photo of base and trunk of tree, view 1.



Photo of trunk and canopy branches, view 1.



Photo of
tree
canopy,
view 1.



Photo of
trunk and
canopy
branches,
view 2.



Photo of base and trunk of tree, view 2.



Photo of tree canopy, view 2.

Diameter: 9.2"

Location: 80% (growing in rear area of vacant lot near interior foot path by Mahogany tree #191)

Species: 100% (on protected tree list)

Condition: 80% (overall condition is good-full of small fruit and flowers during inspection.)

Total Average Value = 86%

Value x Diameter = 7.9 replacement caliper inches

Note: Can the tree be transplanted?

**Total required replacements if all trees approved for removal:
109.9"**