

STAFF REPORT

DATE: April 26, 2023

RE: 1225 Olivia Street (permit application # T2023-0118)

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

An application was received requesting the removal of (2) Royal Poincianas, (1) Spanish Lime, and (1) Tamarind tree. A site inspection was done and documented the following:

Tree Species: Royal Poinciana (*Delonix regia*)

Tree #1



Photo showing location of tree, view 1.



Photo showing location of tree, view 2.



Photo showing canopy of tree, view 1.



Photo of tree canopy, view 2.



Photo of tree canopy, view 3.



Photo showing location of base of tree.



Photo of base of tree, view 1.



Photo of base of tree, view 2 (note presence of termite mud).



Photo of tree trunk showing oozing and cracking of bark.



Photo of base of tree, view 3.



Photo of the tree trunks, view 1.



Photo of the tree trunks, view 2.



Photo of tree canopy, view 4.

Diameter: 26.4" total (two trunks)

Location: 40% (growing at base of stairs and porch, canopy in utility lines)

Species: 100% (on protected tree list)

Condition: 40% (overall condition is poor-decay in canopy, codominant trunks with termites at connection.)

Total Average Value = 60%

Value x Diameter = 15.8 replacement caliper inches

Tree #2



Photo showing location of tree.



Photo of tree canopy, view 1.



Photo of tree trunk showing location of tree, view 1.



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Two photos showing base of tree, views 1 & 2.



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Photo of tree trunk showing location of tree, view 2.



Photo of tree trunk and canopy.



Photo showing floor raised near tree.



Photo showing location of tree in relation to raised floor area.



Diameter: 20.7"
Location: 20% (growing close to historic structure. Roots uplifting floor and porch.)
Species: 100% (on protected tree list)
Condition: 60% (overall condition is fair.)
Total Average Value = 60%
Value x Diameter = 12.4 replacement caliper inches

Photo of raised floor area inside the house.

Tree Species: Spanish Lime (Melicoccus bijugatus)



Photo showing whole tree and location.

Location of Tamarind tree to be removed.



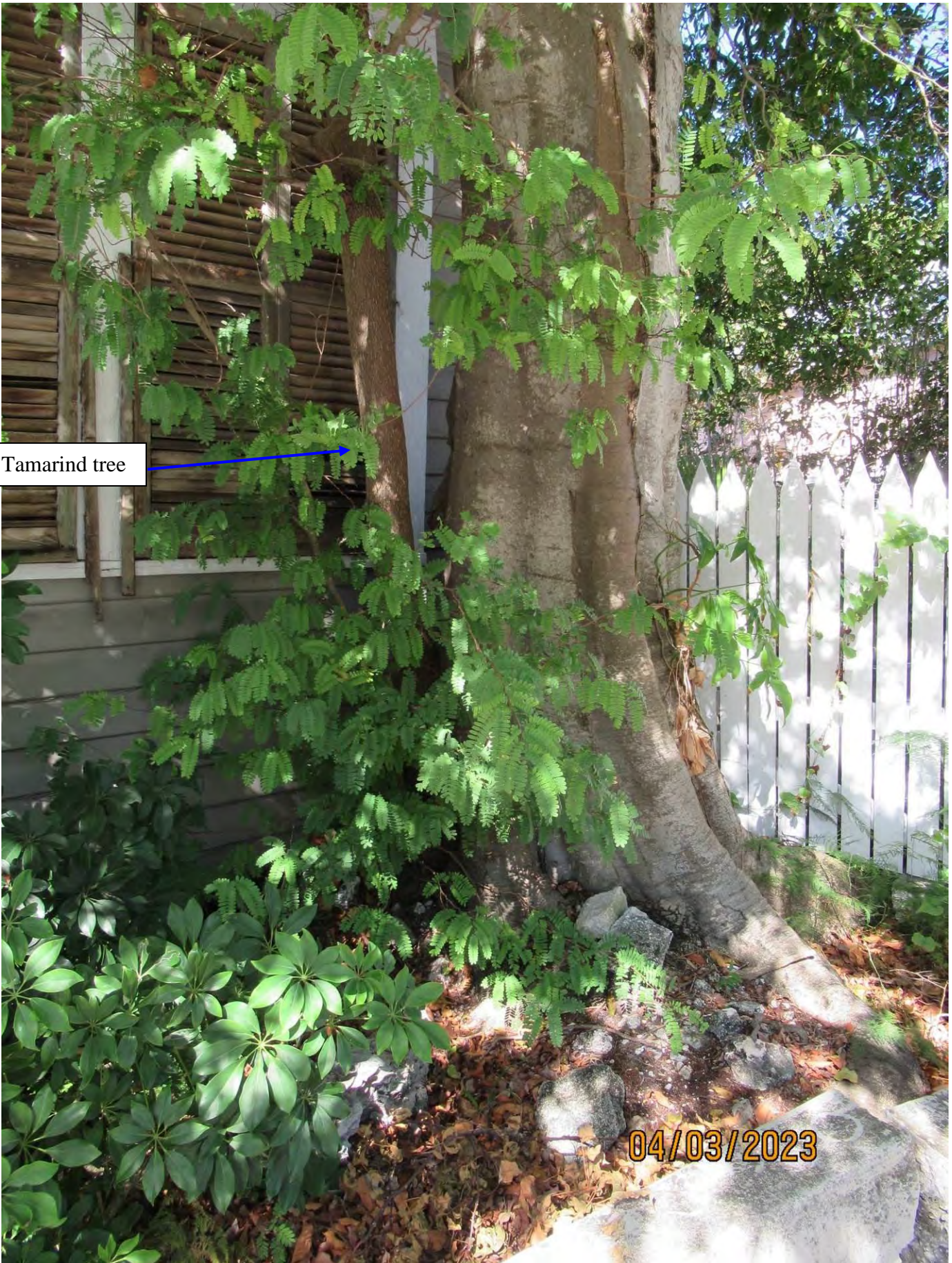
Photo showing base of tree and its location.



Photo of
base of tree,
view 1.



Photo of
base of
trees,
view 2.



Tamarind tree

04/03/2023

Photo of base and trunks of trees, view 1.



Two photos
of tree
canopy,
views 1 & 2.





Photo of tree trunk in relation to historic structure, view 1.



Photo showing tree trunk and canopy in relation to structure.



Tamarind tree

Photo of tree trunk in relation to historic structure, view 2.



Photo of tree trunk in relation to historic structure, view 3.



Photo showing base of tree at base of structure.

Diameter: 28.6"

Location: 20% (growing at base of historic structure-damaging structure, roots also damaged and lifted sidewalk and roadway, very visible tree.)

Species: 100% (on protected tree list)

Condition: 60% (overall health condition of tree is fair.)

Total Average Value = 60%

Value x Diameter = 17.1 replacement caliper inches

Tree Species: Tamarind (Tamarindus indica)



Two photos showing location
of tree-tree is growing in
Spanish Lime rootball.



Photo of tree canopy.



Photo of base of tree.

Diameter: 5.7"

Location: 20% (growing in root ball of Spanish Lime tree)

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

Condition: 40% (overall condition is poor, growth heavily impacted by Spanish Lime tree.)

Total Average Value = 36%

Value x Diameter = 2 replacement caliper inches

Total if all trees approved for removal = 47.3 caliper inches.