

STAFF REPORT

DATE: January 31, 2019

RE: **322 Elizabeth Street (permit application # T2019-0045)**

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

An application was received requesting the removal of **(1) Horseflesh Mahogany, (1) Autograph tree, (1) Mango, and (1) African Tulip tree**. A site inspection was done and documented the following:

Horseflesh Mahogany tree



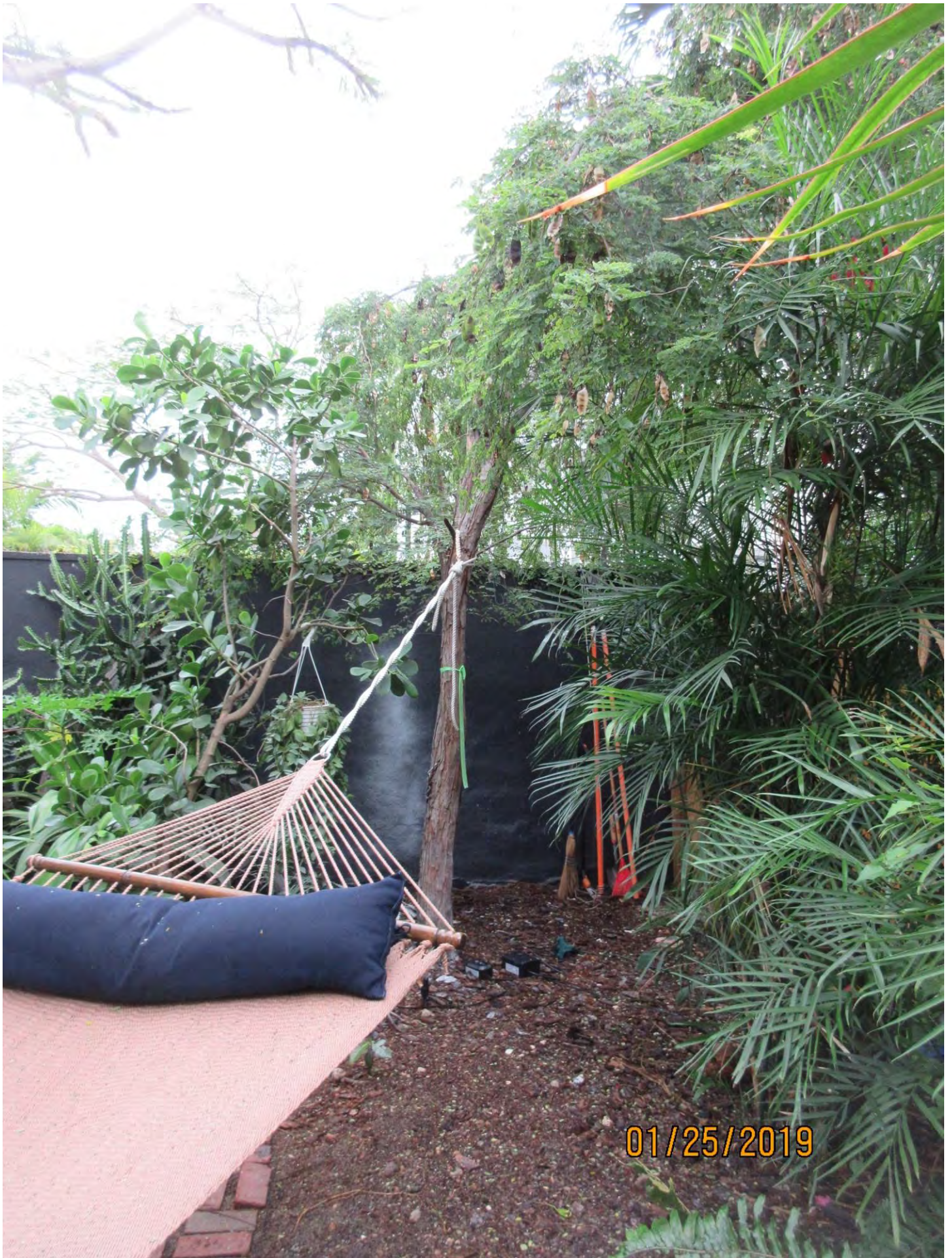
Autograph tree

01/25/2019

Tree Species: Horseflesh Mahogany (*Lysiloma sabicu*)

Autograph
Tree





01/25/2019





01/25/2019



01/25/2019



01/25/2019



Diameter: 9.5"

Location: 70% (growing under canopy of Royal Poinciana tree)

Species: 50% (not on protected tree list)

Condition: 60% (fair, co-dominant trunks, lopsided canopy primarily due to growing under Royal Poinciana tree and storm damage)

Total Average Value = 60%

Value x Diameter = 5.7 replacement caliper inches

Tree Species: Autograph (*Clusia rosea*)



01/25/2019



01/25/2019





Diameter: 1.9"

Location: 70%

Species: 100% (on protected tree list)

Condition: 40% (poor, poor structure, roots uplifted)

Total Average Value = 70%

Value x Diameter = 1.3 replacement caliper inches



African Tulip

Mango

01/25/2019



African Tulip
Canopy

Mango Canopy

01/25/2019

Tree Species: Mango (*Mangifera indica*)





01/25/2019



01/25/2019

Diameter: 3.8"

Location: 50% (growing intermixed with African Tulip tree-root zones and canopy, close to structures and roadway/alley)

Species: 100% (on protected tree list)

Condition: 40% (poor, poor structure, lopsided canopy)

Total Average Value = 63%

Value x Diameter = 2.3" replacement caliper inches

Tree Species: African Tulip (*Spathodea campanulata*)





01/25/2019



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Diameter: 23.5" (multi trunked)

Location: 50% (canopy close to utility lines, one trunk sitting on structure)

Species: 50% (not on protected tree list)

Condition: 50% (fair to poor, poor structure-sprawling tree, evidence of health issues in trunks, some decay in the main trunk and canopy)

Total Average Value = 50%

Value x Diameter = 11.7 replacement caliper inches

Recommendation: Recommend approval of the removal of one (1) Horseflesh Mahogany, (1) Autograph tree, (1) Mango, and (1) African Tulip tree at 322 Elizabeth Street to be replaced with a total of 21 caliper inches of trees from approved list, FL#1, to be planted on site.