

STAFF REPORT

DATE: December 21, 2017

RE: **2908 Harris Avenue (permit application # T17-8780)**

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

An application was received requesting the removal of **(1) Mahogany tree**. A site inspection was done on December 21, 2017 and documented the following:

Tree Species: Mahogany (Swietenia mahagoni)



Water meter location



12/21/2017





12/21/2017



12/21/2017



12/21/2017



12/21/2017



12/21/2017



12/21/2017



12/21/2017



12/21/2017



Diameter: 18.1"

Location: 20% (water line and electrical line issues-FKAA reported a leak of water line from road to house, electrical lines run through canopy and panel appears to be shifting due to roots—wrong tree wrong place)

Species: 100% (on protected tree list)

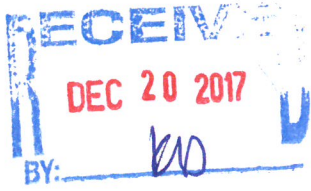
Condition: 40% (large old injury in main trunk, lots of hurricane damage in canopy)

Total Average Value = 53%

Value x Diameter = 9.5 replacement caliper inches

Recommendation: Recommend approval of the removal of one (1) Mahogany tree at 2908 Harris Avenue to be replaced with 9.5 caliper inches of dicot or fruit trees from approved list, FL#1, to be planted on site.

Application



8780

Tree Permit Application

Date: 12-20-2017

Please Clearly Print All Information unless indicated otherwise.

Tree Address 2908 Harris Ave, Key West
Cross/Corner Street 11th St (one lot away)
List Tree Name(s) and Quantity Mahogany - one tree
Species Type(s) check all that apply () Palm () Flowering () Fruit (X) Shade () Unsure
Reason(s) for Application:

- (X) REMOVE () Tree Health () Safety (X) Other/Explain below
- () TRANSPLANT () New Location () Same Property () Other/Explain below
- () HEAVY MAINTENANCE () Branch Removal () Crown Cleaning/Thinning () Crown Reduction

Additional Information and Explanation Tree growth, and movement during last damaged water and electric lines to house. Due to location, tree & root growth will further damage water line, and will damage house, concrete block fence and brick walkway

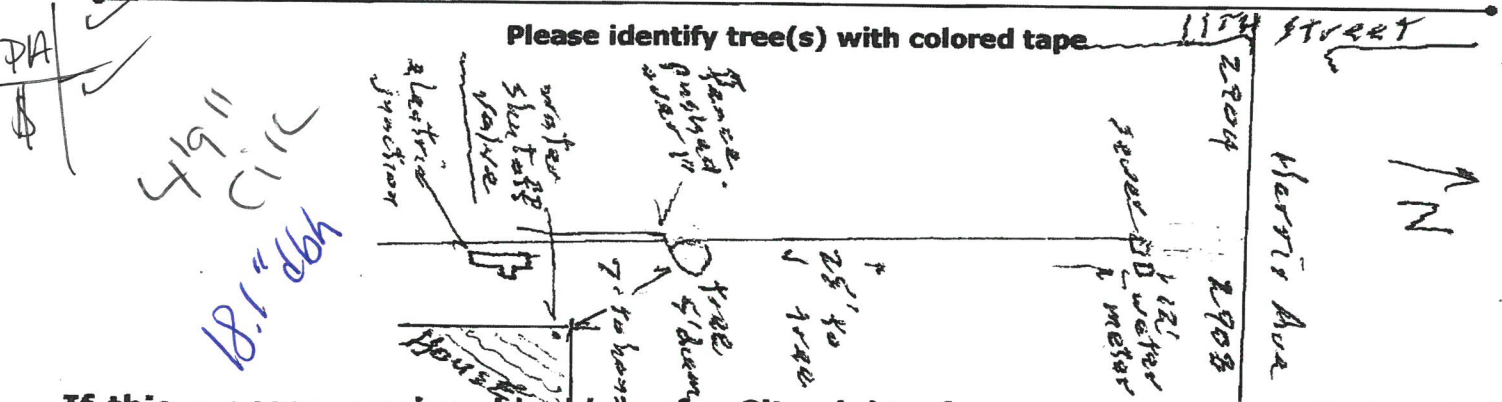
Property Owner Name Michael & Barbara Hudgins
Property Owner eMail Address hudginsmb@gmail.com
Property Owner Mailing Address 2908 Harris Ave
Property Owner Mailing City Key West **State** FL **Zip** 33040-2046
Property Owner Phone Number (808) 783-4473
Property Owner Signature [Signature]

Representative Name NA
Representative eMail Address _____
Representative Mailing Address _____
Representative Mailing City _____ **State** _____ **Zip** _____
Representative Phone Number (____) _____ - _____

NOTE: A Tree Representation Authorization form must accompany this application if someone other than the owner will be representing the owner at a Tree Commission meeting or picking up an issued Tree Permit.

Tree Representation Authorization form attached ()

<<<<< Sketch location of tree in this area including cross/corner Street >>>>>



If this process requires blocking of a City right-of-way, a separate ROW Permit is required. Please contact 305-809-3740.

Karen DeMaria

From: Barbara Hudgins <hudginsmb@gmail.com>
Sent: Wednesday, December 20, 2017 2:29 PM
To: Karen DeMaria
Subject: Re: Tree application
Attachments: TreePermitApp1217.pdf

Hi Ms. DeMaria-

Thanks much for your help with the apps.

Attached is the completed Tree Permit Application. My wife Barbara and/or I will attend the January 9th meeting.

See you tomorrow morning.

Thanks again and warmest regards,

Michael Hudgins

808-783-4473

hudginsmb@gmail.com

2908 Harris Ave.

Key West, FL 33040-4046

On Wed, Dec 20, 2017 at 11:47 AM, Karen DeMaria <kdemaria@cityofkeywest-fl.gov> wrote:

Attached are the necessary forms to be placed on the January 9, 2018 Tree Commission meeting. The deadline is today so please submit the application today.

Sincerely,

Karen

Karen DeMaria

Urban Forestry Manager/Tree Commission

Certified Arborist

[305-809-3768](tel:305-809-3768)

Karen DeMaria

From: Barbara Hudgins <hudginsmb@gmail.com>
Sent: Thursday, December 21, 2017 11:25 AM
To: Karen DeMaria
Subject: Fwd: Indications of continuous leak for 599644-001836 on 11/01/2017

Hi Karen-

Thanks much for coming by this morning, and for all the information. We will continue to round up other receipts etc. Mainly, I'll try to get a note from the plumber that the leak is isolated in the area between the meter and the house, and is likely caused by the growth and/or movement of "the" tree.

Warmest regards,

Mike Hudgins

2908 Harris Ave.

----- Forwarded message -----

From: Leak Notify <info@fkaa.com>

Date: Thu, Nov 2, 2017 at 9:03 AM

Subject: Indications of continuous leak for 599644-001836 on 11/01/2017

To: hudginsmb@gmail.com

This is a courtesy email to notify you that our records show that your meter indicated a continuous leak on 11/01/2017 at 2908 HARRIS AVE KEY WEST FL 33040 for account 599644-001836 on meter #1540001814.

The FKAA defines continuous leak as anytime your meter registers flow in all of the 15 minute intervals in a 24-hour period.

When these conditions exist it is a good idea to check for household leaks. Some conditions that may cause continuous flow through the meter may include a leaking toilet, a dripping faucet or spigot, or a leak in your piping or irrigation system. For more information on locating and repairing household leaks please go to <http://www.drinktap.org/water-info/water-conservation/household-leaks.aspx>.

You may also look at a detailed analysis of your water consumption at <http://www.fkaa.com/viewMeter.html> . Once you click on the link simply enter the meter and account number shown above and choose the date range you wish to view.

If your meter continues to show unexplainable continuous flow and a leak is not readily identifiable you may want to engage the services of a plumbing professional.

If you are no longer associated with this account, please reply to this email so you can be removed as its contact.

Florida Keys Aqueduct Authority
1100 Kennedy Dr.
Key West, FL
<http://www.fkaa.com>

November 18, 2017

To: Mike & Barbara Hudgins

Re: Suspected water leak at 2908 Harris Avenue, Key West

I inspected your property with Mike present. Mike talked to the FCAA while I was there. I turned off the main water valve at the northwest corner of the house, which is about 25' from the meter at the northwest corner of the property. I confirmed that there was no leak in the vicinity of the valve or in the meter box.

Mike & I observed the movement of the meter with the valve off for about 20 minutes. We observed a small occasionally intermittent movement of the meter, which I would estimate to be in the neighborhood of 1.9 to 3 gallons per day.

Based on my experience, it is my estimate that the leak is in the main supply line to the house, between the meter and the house, and that the leak is most likely caused by pressure on that line by a root or roots of the mahogany tree. Further growth or movement will likely cause more pressure which will sooner or later break the line enough to cause a large leak and loss of water pressure to your house.

There is no charge for this inspection. Please let me know if I can be of further assistance.

Signed,



Clayton Bayshore
Lower Keys Plumbing Company