

STAFF REPORT

DATE: March 30, 2015

RE: 1029 Catherine Street (permit application #7329)

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

An application was received for the removal **of (1) Royal Poinciana tree**. A site inspection was done on March 27, 2015 and documented the following:

Tree Species: Royal Poinciana (*Delonix regia*)









Diameter: 32"

Location: 70%

Species: 100% (on protected tree list)

Condition: 20% (poor-lots of decay)

Total Average Value = 63%

Value x Diameter = 20 replacement caliper inches

Cynthia's Blue Palms

City of Key West Tree Commission

April 1, 2015

Following are my findings of evaluation concerning 1 Royal Poinciana tree and 2 Spanish Lime trees located at 1029 Catherine Street, Key West, Florida. I have been retained by owner William Haymaker.

Royal Poinciana *Delonix regia*, located at south side, center front of property, abutting the wooden fence. The tree is 101" circumference or 32" diameter measured at approximately 5' above grade. Canopy spread is approximately 20'x20'x20'. Condition is very poor. The tree has a very large epiphytic Pothos vine growing on entire tree. The tree can only be viewed from Catherine Street in both directions and by Varella and Watson Street intersections if traveling in a northerly direction. I have observed this tree over a period of 2 years in decline. Photographs depict a decayed hollow trunk with very little live wood under cambium and included bark on main codominate branches throughout canopy. Canopy is thinning as decay throughout tree progresses. Tree is growing over high 'target' areas; one very large limb hanging over street and parking/walking area has major decay while remainder is over home and entrance to home. Repair is not possible by restoration pruning or by chemical infusion. In my professional opinion this Poinciana tree should be removed due to the extensive, progressive decay and with number of 'targets' if failure was to occur.

Spanish Lime *Meliococcus bijugatus*, largest of two Spanish Lime trees immediately adjacent to each other at rear, north side of property abutting 3 properties. Tree is 187" circumference or 59" diameter measured at bh. Canopy is spreading approximately 50'x60'x40' and covers 3 neighboring structures in close proximity. The tree is estimated to be over 100 years in age. Tree can only be seen by residences in rear compound. One very large westerly codominate branch ripped away in a past weather event destroying the roof of neighboring home. Approximately 4 months ago a shelf conk was collected that was growing at south side base of tree. Removal of conk for identification revealed dead

structural root and termite activity. The ground immediately adjacent to dead structural root was soft and spongy encompassing an area of approximately 10'x20' an indication that the root system is in decay. The tree appears to be in poor condition. Attached is the report of diagnosis and prognosis of disease from the University of Florida to include a photograph of the collected shelf conk. The diagnosis is Ganoderma or Butt Rot for which there is no cure. Ganoderma is a wood rotting disease. The report describes general procedures for tree health and observation of progress of disease. Historically I have seen many Spanish Lime trees removed due to Ganoderma. The canopy will remain green but begin to thin, however the root system will decay to the point of throw or falling over. Repair is not possible by restoration pruning or by chemical infusion. Due to the fact that the structural root system has begun to rapidly decay and with many 'targets' if failure was to occur it is my opinion that this tree should be removed.

Spanish Lime *Meliococcus bijugatus*, smaller of two Spanish Lime trees immediately adjacent to each other at rear, north side of property abutting 3 properties. Tree is 91.2" circumference or 29" diameter measured at bh. Canopy is spreading northerly to only one side and is approximately 30'x20'x40' and covers 2 neighboring structures in close proximity. The tree is estimated to be less than 40 years in age. Tree can only be seen by residences in rear compound. The tree is growing within 5' of larger Ganoderma diseased Spanish Lime tree. The report from the University of Florida also describes the likelihood of this Spanish Lime tree being infected due to the intertwining of root systems. I have observed the cambium under bark on south side of tree (side of larger Spanish Lime tree) appears to be decaying. Therefore, it is my professional opinion that the likelihood of Ganoderma disease is also infecting this tree. Due to the fact that the structural root system is likely infected with Ganoderma and with many 'targets' if failure was to occur it is my opinion that this tree should be removed.

If you have any questions concerning this report please contact me at 305/747-2141.

Cynthia Domenech-Coogle, ISA Certified Arborist, FL 0277A







Application

3-24-15
access



7329

Tree Permit Application

Date: 3-23-2015

Please Clearly Print All Information unless indicated otherwise.

Tree Address 1029 Catherine St
Cross/Corner Street Varela St.
List Tree Name(s) and Quantity 1 Palmetto
Species Type(s) check all that apply () Palm (X) Flowering () Fruit () Shade () Unsure
Reason(s) for Application:

REMOVE Tree Health Safety () Other/Explain below
 () TRANSPLANT () New Location () Same Property () Other/Explain below
 () HEAVY MAINTENANCE () Branch Removal () Crown Cleaning/Thinning () Crown Reduction
Other/Explain This tree is showing extensive decay, has huge cavities and presents a serious hazard to the public.
Reason for Request the public.

Property Owner Name William and Debra Haymaker
Property Owner eMail Address bhaymaker@gmail.com
Property Owner Mailing Address 1029 Catherine St
Property Owner Mailing City Key West State FL Zip 33040
Property Owner Phone Number (612) 669-0968
Property Owner Signature _____

Representative Name Kenneth King
Representative eMail Address _____
Representative Mailing Address 1602 Lala St
Representative Mailing City Key West State FL Zip 33040
Representative Phone Number (305) 296-8101

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 >>>>>

Please identify tree(s) with colored tape

3-27-15
7 1/4" circ
28" dbh



Catherine St.

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



Tree Representation Authorization

Date: 2-9-2015

Attendance at the Tree Commission meeting on the date when your request will be discussed is necessary in order to expedite the resolution of your application. This Tree Representation Authorization form must accompany the application if the property owner is unable to attend or will have someone else pick up the Tree Permit once issued.

Please Clearly Print All Information unless indicated otherwise.

Tree Address 1029 CATHERINE ST.

Property Owner Name WILLIAM & DEBRA HAYMAKER

Property Owner eMail Address bhaymaker@gmail.com

Property Owner Mailing Address 1029 CATHERINE ST.

Property Owner Mailing City KEY WEST State FL Zip 33040

Property Owner Phone Number (612) 669-0968

Property Owner Signature _____

Representative Name Kenneth King

Representative eMail Address _____

Representative Mailing Address 1602 Laird St.

Representative Mailing City Key West State FL Zip 33040

Representative Phone Number (305) 296-8101

I _____, hereby authorize the above listed agent(s) to represent me in the matter of obtaining a Tree Permit from the City of Key West for my property at the tree address above listed. You may contact me at the telephone listed above if there is any questions or need access to my property.

Property Owner Signature [Signature]

The forgoing instrument was acknowledged before me on this 9th day February 2015.

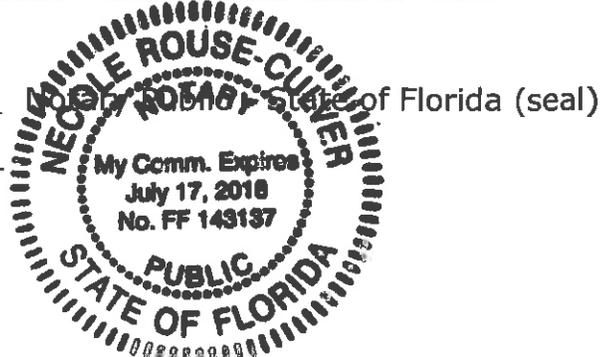
By (Print name of Affiant) William Haymaker who is personally known to me or has produced FL Driver License as identification and who did take an oath.

NOTARY PUBLIC

Sign Name: Necole Rouse-Culver

Print Name: Necole Rouse-Culver

My Commission Expires: July 17, 2018



Karen DeMaria

From: Haymaker William D <bhaymaker@gmail.com>
Sent: Wednesday, March 25, 2015 1:34 PM
To: Karen DeMaria
Subject: Re: 1029 Catherine St Tree removal permit application Royal Poinciana

Sure, no problem. I'll leave the gate open. Will you need me for any reason? I have an additional report re: the second lime but am waiting for Cynthia to give me some kind of document before I send them on to you. Ken King hasn't come by to take pics of the hole in the Poinciana yet but if I don't hear from him soon I'll rattle his cage again. ;)

Bill

On Mar 25, 2015, at 1:21 PM, Karen DeMaria <kdemaria@cityofkeywest-fl.gov> wrote:

Bill:

I need access onto your property in order to measure the Royal Poinciana tree for the Tree Commission permit application. I need to get my reports done this week and would like to do the site work on Friday. Can I have access to your property on Friday or can I meet with someone?

Sincerely,

Karen

Karen DeMaria
Urban Forestry Manager/Tree Commission
Certified Arborist
305-809-3768