

TREE COMMISSION TREE REMOVAL REPORT
CITY of KEY WEST

PROPERTY: 714 Southard St.

APPLICATION NUMBER: T2025-0167

REQUEST: Property owner is seeking removal of (1) Spanish Lime Tree

APPLICATION SUMMARY: An application was submitted for conceptual landscape plan approval for a housing development project.

TREE ASSESSMENT and PHOTOS



Looking Northeast standing on Southard St sidewalk.



Top and bottom photo looking at tree from across the street.



Top and bottom photo shows base of trunk missing some bark.



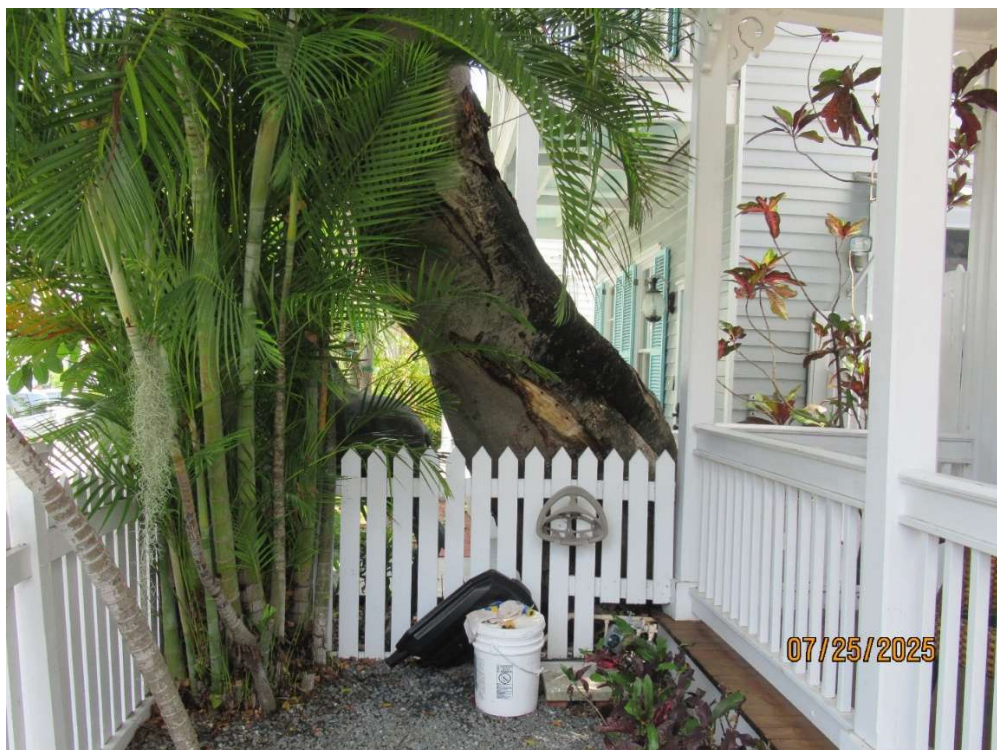
Looking up at massive canopy.



Photos of midsection showing how this tree has received multiple heavy pruning over the years.



Standing at 712 Southard St. looking up at canopy.



Standing at 714 Southard St. looking at trunk



Photos of the trunk growing with a twist or helical growth. This is a natural phenomenon. It can be caused by various factors and is often an adaptation to environmental conditions, helping the tree withstand winds, distribute resources, and potentially even increase flexibility.



Photos of tree canopy looking Southwest.



This fungi was pointed out to me by Sean Creedon. He believes it is Ganoderma. A genus of wood-decaying fungi known to cause significant tree diseases, particularly root and butt rot. Due to the fact that many species of fungi produce fruiting bodies such as this I have submitted photos to the environmental horticulture extension agent with University of Florida. I will have more info at the time of the Tree Commission Meeting in hopes of providing some degree of validation to this potential concern.





Diameter: 35"

Condition: 80% (the tree is in good health; the tree has a healthy canopy)

Location: 80% (growing in a tight area, but limbs have been properly trimmed to accommodate)

Species: 100% (on City of KW protected tree list)

Tree Value: 86. %

Required Mitigation: 30 caliper inches

RECOMMENDATION/NOTES : This tree is very old. Likely over 100 years. The canopy is providing shade on a highly traveled road near Duval. The bark is flaking off in multiple places. The exposed wood has no fungal growth except near the base of the tree. I found no evidence of termites. It is uncommon for this species to have termites as the heartwood is very hard.

PREPARED BY:

Zach Bentley

Asst. Urban Forestry Manager

City of Key West

305-809-3957