

STAFF REPORT

DATE: December 8, 2021

RE: **111 Olivia Street-Frederick Douglass Gym File #TP2021-0010
(Conceptual Landscape Plan Review)**

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

In February 2020, an application was processed for Conceptual Landscape Plan review with tree removal for a major development plan (design #1). This plan was approved by the Tree Commission in March 2020 and included a request to remove 1-Cinnamon Bark (tree #3) and 1-Gumbo Limbo (tree #11) and the transplantation of 1-Bahama Tabebuia (tree #1), 1-Pitch Apple (tree #1A), 1-Wild Tamarind (tree #2), 1-Gumbo Limbo (tree #4), 1-Stopper tree (#8), 1-Lignum vitae (tree #21), 1-Fiddlewood (tree #22), 1-Blackbead (tree #23), 1-Cinnamon Bark (tree #24), 4-Thatch Palms (tree #5, #10, #12A, and #13), 2-Sabal Palm (Tree #9 and #12B), and 1-Christmas Palm (tree #20). On March 9, 2021, the Tree Commission gave Final Landscape Plan Approval with tree removal for this major development plan (design #1).

An application was submitted to the Planning Department in October 2021 to redesign the project (design #2). Design #2 requests the removal of two trees, 1-Wild Cinnamon (tree #3) and 1-Gumbo Limbo (tree #11). Both of these trees have already been approved twice for removal by the Tree Commission. The total required replacement of these trees will be 11.6 caliper inches.

In Design #1, two large trees along Olivia Street were proposed to be transplanted. In Design #2, these two trees, a Wild Tamarind (tree #2) and a Gumbo Limbo (tree #4) will remain in place. All other trees to be transplanted will be planted at the Fort Street parking area across the street from the project location. The trees to be transplanted offsite include 1-Bahama Tabebuia (tree #1), 1-Pitch Apple (tree #1A), 1-Stopper tree (#8), 4-Thatch Palms (tree #5, #10, #12A, and #13), 2-Sabal Palms (#9 & #12B) 1-Lignum vitae (tree #21), 1-Fiddlewood (tree #22), 1- Blackbead (tree #23), 1-Cinnamon Bark (tree #24) and 2-young Christmas Palms (tree #20A & B).

Existing large trees in the northwest property corner on Fort Street will remain in place.

The landscape plan currently submitted does include 70% native vegetation and consists primarily of adding subcanopy trees, shrubs, and groundcover. Plant species are appropriate for this area and the proposed landscape plan does incorporate the required replacements for the tree removal.

STAFF REPORT

DATE: February 27, 2020 and March 6, 2020

RE: 111 Olivia Street (permit application # T2020-0060)

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

An application was received for Conceptual Landscape plan approval for the demolition and construction of the annex building to the Fredrick Douglas Gym. The City is requesting the removal of (1)-Wild Cinnamon (tree #3) and (1)-Gumbo Limbo (tree #11) and the transplanting of (1)-Bahama Tabebuia (tree #1), (1)-Pitch Apple (tree #1A), (1)-Wild Tamarind (tree #2), (1)-Gumbo Limbo (tree #4), (1)-Stopper tree (#8), (1)-Lignum vitae (tree #21), (1)-Fiddlewood (tree #22), (1)-Blackbead (tree #23), (1)-Cinnamon Bark (tree #24), (4)-Thatch Palms (tree #5, #10, #12A, and #13), (2)-Sabal Palm (Tree #9 and #12B), and (2)-Christmas Palms (tree #20A & B). Two Royal Poinciana trees (tree #14 and #16), (1) Gumbo Limbo (tree #4), (1) Pongam tree (tree #19), and (2) Thatch Palms will remain in place.

Photos of the proposed work area and existing vegetation



Photo of existing front entrance area.



Photo taken standing on Fort Street looking down Olivia Street. Project area is to the left.



Photo taken standing on Fort Street looking down Fort Street at project area, view 1.



Photo taken standing on Fort Street looking down Fort Street at project area, view 2.



Photo taken standing on Fort Street looking down Fort Street at project area, view 3.



Photo taken standing on 111 Olivia Street looking toward northwest corner at Fort Street.

Tree Species: Wild Cinnamon, Tree #3 (*Canella winterana*)



Photo of whole tree, view 1.



Photo showing
base of tree,
view 1.



Photo showing
base of tree,
view 2.



Photo of whole tree, view 2.

Diameter: 6.3" (multiple trunks)

Location: 90% (Parking lot planter, very visible)

Species: 100% (on protected tree list)

Condition: 40% (overall condition is poor, original tree was heavily damaged in Hurricane Irma. Current growth consists of several resprouts from old tree trunk)

Total Average Value = 76%

Value x Diameter = 4.7 replacement caliper inches

Tree Species: Gumbo Limbo, Tree #11 (*Bursera simaruba*)



Photo showing location of tree.



Photo of whole tree, view 1.



Photo of tree canopy.



Two photos of whole tree taken 8 months apart showing condition of tree canopy.





Photo of tree, view 2.

Diameter: 9.2"

Location: 90% (growing in landscape area, very visible)

Species: 100% (on protected tree list)

Condition: 40% (overall condition is poor, poor structure-heavy lean from hurricane, foliage not growing well in half of canopy, not a candidate for transplanting on City property)

Total Average Value = 76%

Value x Diameter = 6.9 replacement caliper inches

Total required replacements: 11.6 caliper inches

Photo of trees to be removed (no permits required):

tree #6 (Black Olive)

and

tree #7 (dead)



Photos of trees to remain in place:

Trees #14 and #16 (Royal Poinciana) and tree #17 (Gumbo Limbo),



Tree #15-Thatch Palm



Tree #18 Thatch Palm



Photo of tree to remain-
Tree #19, Pongam.



Photo of Tree
#2, Wild
Tamarind, to
be
transplanted
on site



Photo of
Tree #4,
Gumbo
Limbo, to be
transplanted
onsite



Photo of Tree #5, Thatch Palm,
to be transplanted onsite.



Photo of Tree #8, Stopper, to be
transplanted onsite.

Photo of Tree #9, Sabal Palm, to be transplanted to Fort St Parking lot.



Photo of Tree #10, Thatch Palm, to be transplanted on site.



Two photos of Tree #12A & B, Sabal and Thatch Palms, to be transplanted onsite.

Photo of Tree #13 to be transplanted onsite.



Photo of Tree #21 to be transplanted to Fort St parking lot.



Photo of Tree #20A and #20B to be transplanted to Fort St parking lot.

Photo of Tree #22 to be transplanted to Fort St parking lot.



Photo of Tree #24 to be transplanted to Fort St parking lot.



Photo of Tree #23 to be transplanted to Fort St parking lot.

Google Earth photo dated February 2018 showing project area.

