## **STAFF REPORT**

DATE: March 1, 2022

RE: 111 Olivia Street #TP2022-0005 (Final Landscape Plan Review)

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

An application was processed for Final Landscape Plan Approval for the above referenced property, Frederick Douglass Gym. The Tree Commission reviewed and approved the Conceptual Landscape Plan with tree removal at their December 14, 2021 meeting. The Tree Commission also approved the review of the Final Landscape Plan to be approved by the Urban Forestry Manager.

The Tree Commission approved the removal of (2) trees, 1-Wild Cinnamon (tree #3) and 1-Gumbo Limbo (tree #11) to be replaced with 11.6 caliper inches of approved trees to be planted on the property and incorporated into the landscape plan and the approval of the transplantation of 1-Bahama Tabebuia (tree #1), 1-Pitch Apple (tree #1A), 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, & #13), 2-Sabal Palms (tree #9 & #12B), and 2-young Christmas Palms (tree #20A & B) to be planted in the Fort Street parking lot area. Eight existing trees and palms will remain in place including 1-Wild Tamarind (tree #2), 1-Gumbo Limbo (tree #4), 2-Royal Poinciana trees (tree #14 and #16), 1-Gumbo Limbo (tree #4), 1-Pongam tree (tree #19), and 2-Thatch Palms (tree #15 and #18).

A staff report regarding Sec 108 landscaping and buffer requirements was created on January 5, 2022 and submitted to the Planning Board which approved the development plan on January 20, 2022. The project received HARC approval on January 25, 2022.

Planning Board Resolution 2022-002 included several conditions related to landscaping and trees including the following:

- Condition #6 requires the placement of flexipave in the sidewalk and parking area near tree #2, #4, and #14 and the canopy trees at the northwest corner of site due to the proximity of the proposed construction and the roots of the protected trees. Updated plans received on February 23, 2022 and attached show this condition written on the plans.
- Condition #8 stated that all underground piping shall be located to avoid the dripline of existing trees. Of concern was the location of a new water line under an existing, protected tree (tree #2). Updated plans indicate this pipe will be moved to avoid tree impacts.
- 3. Condition #12 requested semi pervious turf material or pervious pavers be installed in the courtyard-seating area and to create planting beds to improve the meeting/seating area. Updated plans do make notations regarding the installation

of the turf/pavers and the landscape plan shows the planting of a tree and some ornamental plantings along the gym wall in the seating area.

Therefore, the Final Landscape Plan is approved (staff approval) with the following conditions:

- 1. Prior to the submittal of building permits, details regarding the layout of plantings, species names, and sizes of the plant/tree species for the seating area shall be finalized with the Urban Forestry Manager.
- 2. The transplanting of trees to the Fort Street parking area must be done prior to demolition permits being issued. Trees/palms must be properly root pruned and the receiver area prepped for planting. The Urban Forestry Manager shall be contacted for supervision of the work.
- 3. An application to remove and transplant trees shall be submitted to the Tree Commission at the same time or just prior to applications being submitted to the building department for work on the property.
- 4. Tree protection must be installed prior to work commencing on the property and maintained throughout the duration of the construction.

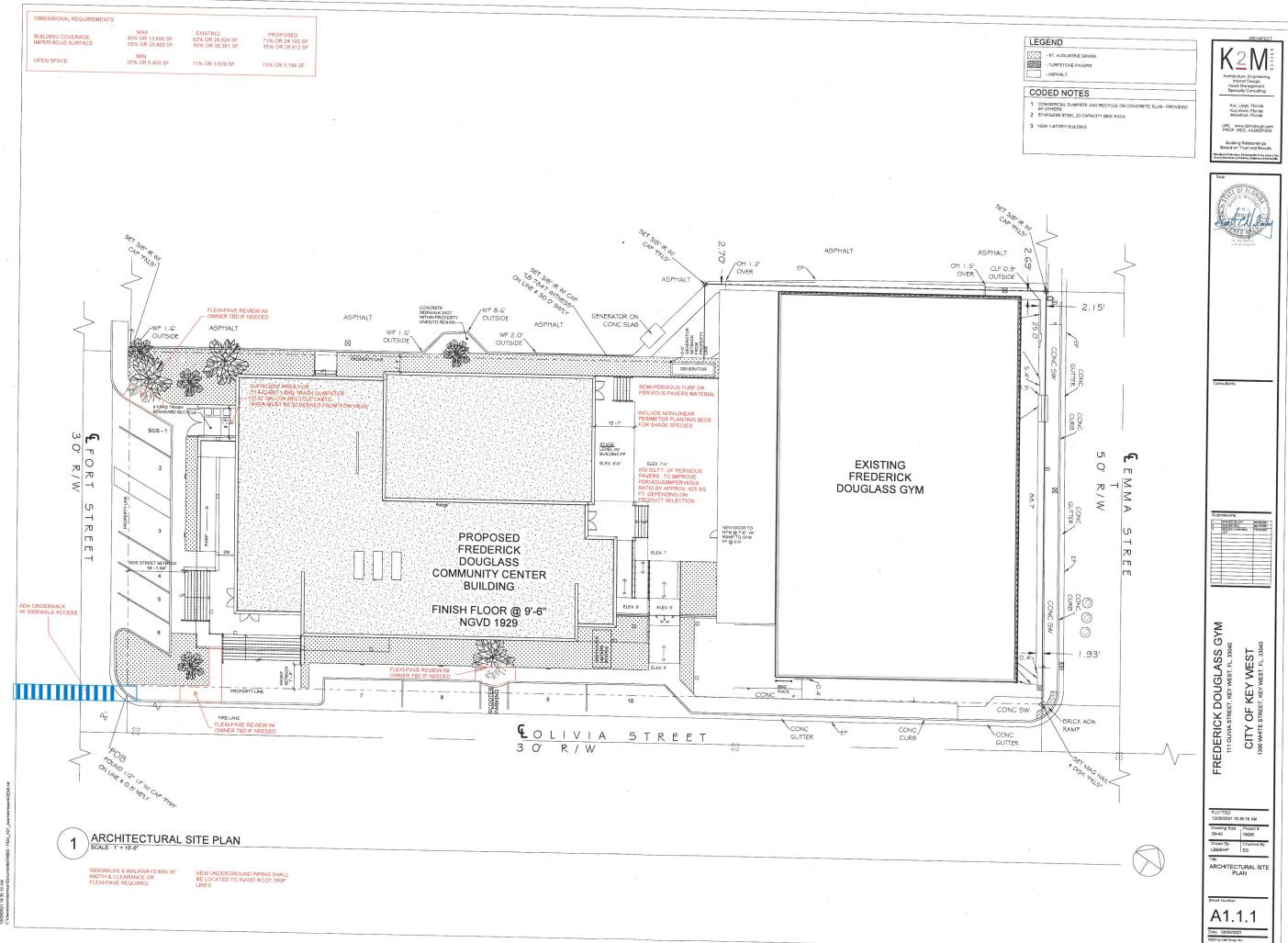
Karen DeMaria

Urban Forestry Manager

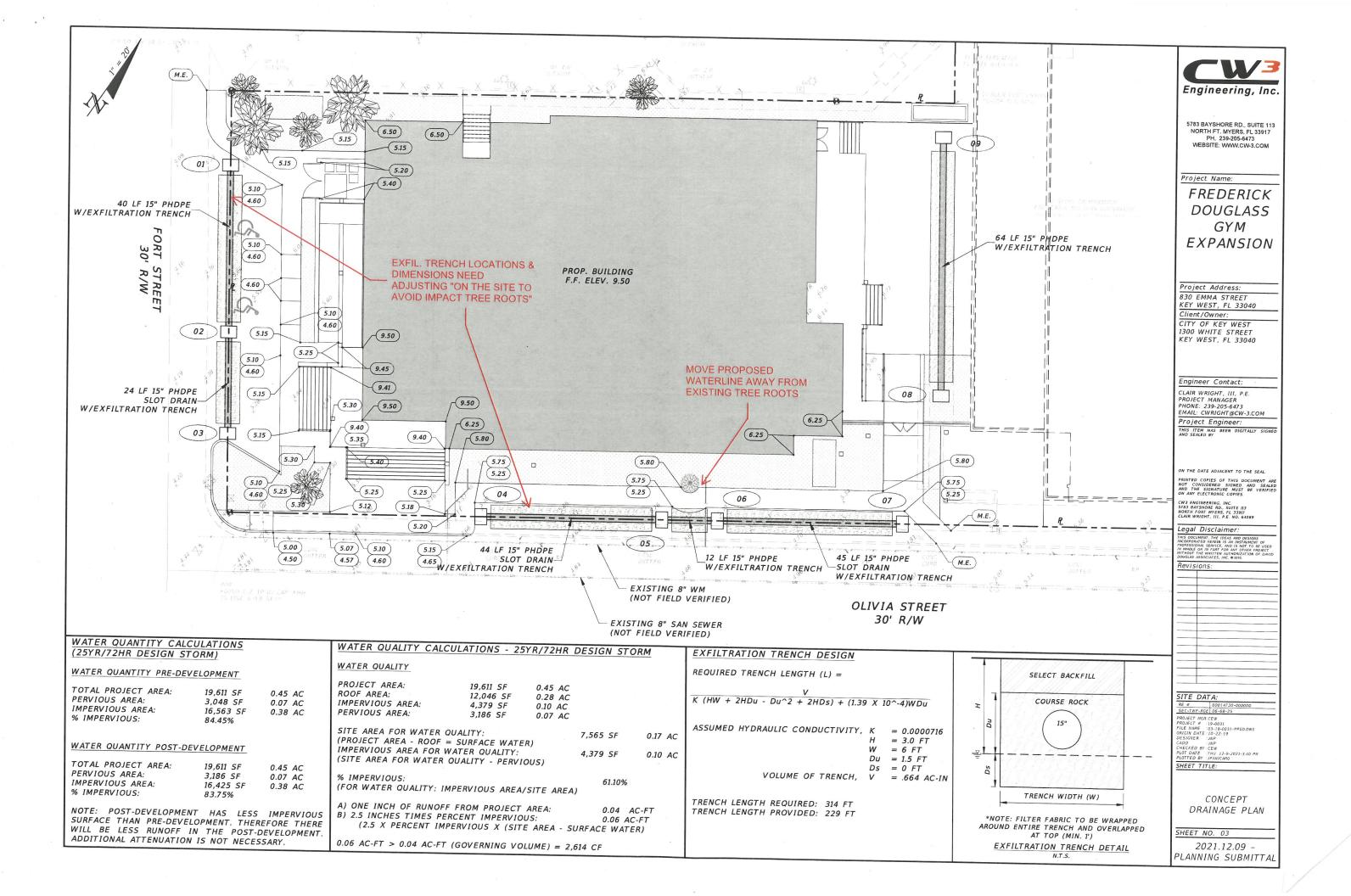
City of Key West

kdemaria@cityofkeywest-fl.gov

305-809-3768



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Required Landscape Calculations for Frederick Douglas Gym. City of Key West. 111 Olivia Street; Key West, Florida: Subject property zoning (I-NC-3) (Sept. 21, 2021) rev. Jan. 7, 2021

This plan is only incanase or increases we may exceed all landscape requirements up igniming approved. The initiation landscape may exceed all landscape requirements up igniming approved. The initiation of the owner lattice is married to replicate a naturally occurring entrangement of native trace mixed with native and other non rative plantings. ICO'S of proposed plants are native, and the initiation of the initiation of

Straet Frontage: Realized: .5 $\checkmark$ 1 scre. 252 linear feet provided. 200 plant units required. Provided: 297 plant units provided

Provided: 4 existing Trees, 1-existing pains - 53 Landscape Units exist 156 new landscape units required. - 244 Units provided

Total: 232 Units.

Shrube
Required: 2.17 x 10' = 22
Provided: 30 - 24' native Shrube will be planted, 1- 6' native Palm
Locustberry- Byrsonima lucida

Non Vehicular use areas:
Caropy Trees
Caropy Trees
Respired:
Less than 30% and less than 2,000 s.f. NOS. a 4 trees
Provided:
1 Existing tree and 3 = 12" tall min..Recherry Scopper

Locustberry- Byrsonima lucida 6' Capparis cynophallophora, 6' oa.

Required Landscape Plant List for Frederick Pouglas Gym, City of Key West. 111 Olivia Street, Key West, Florida:

6 - Krujoderdon Ferreum, Black Ironwood, 12-13' ca., 45 gallon.
20 - Thrinax morfsell. Key Thatch Palm., 6' ca., bab.
6 - Eugenia Hombea, Recharry Scoper, 12-13' ca., 45 gallon.
21 - Guarria discolor, Bolly, 12-13' ca., 45 gallon.
22 - Guarria discolor, Bolly, 12-13' ca., 45 gallon.
23 - Locustbarry - Byrsonima Lucida, 24-30', 7 gallon.
24 - Locustbarry - Byrsonima Lucida, 24-30', 7 gallon.
25 - Locustbarry - Byrsonima Lucida, 24-30', 7 gallon.
26 - Locustbarry - Byrsonima Lucida, 24-30', 7 gallon.
27 - Locustbarry - Byrsonima Lucida, 24-30', 7 gallon.
28 - Locustbarry - Byrsonima Lucida, 24-30', 7 gallon.
29 - Locustbarry - Byrsonima Lucida, 24-30', 7 gallon.
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29 - Locustbarry - Byrsonima Lucida, 24-30', 7 gallon.
20 - Stachytarpheta Janaicarsiei. Native Blue Porterweed, 1g.
20 - 15-20', 3 g. (gallon) Sea Lawredte.

Existing Trees and Palms to relocated/Transplanted to Fort Street Parking Existing Trees and Palms to relocated/transplanted to Fort Street Parking lot:

As shown on sheet i.1.1, final location per LA or Urban Forestry Manager

1- Bahama Tabeubla (nesey)

14-Fitch Apple (gaste to large and mesey)

5- Tratch Palm (phasing)

5- Racbery stopped

9- Sabul palmetro (out of character for design)

10- Tratch Palm (phasing)

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BROWN & CREBBIN

Ubmissions:

SSUED 198 ET 06/2001

SSUED 198 ET 06/2001

11/15/21

11/16/21

1/3/22

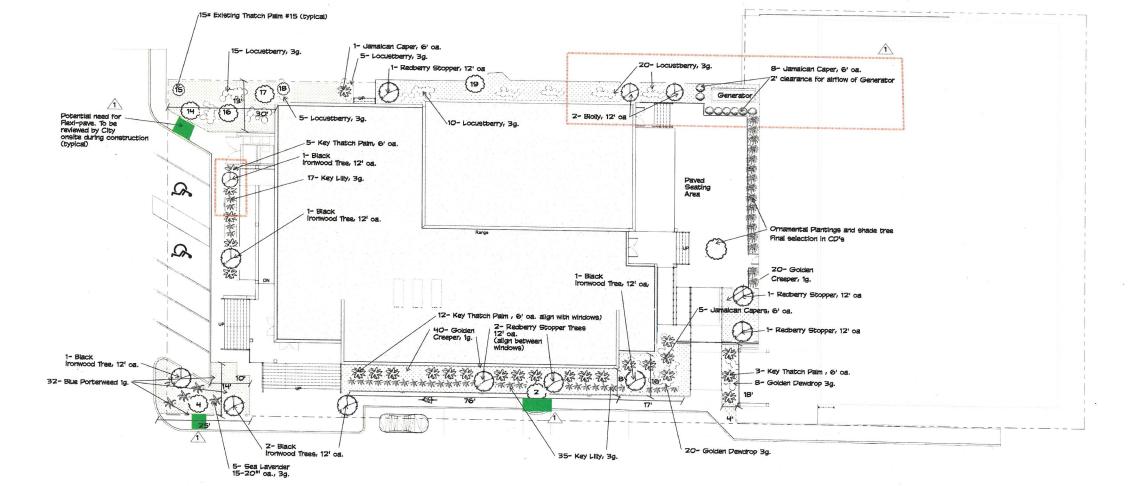
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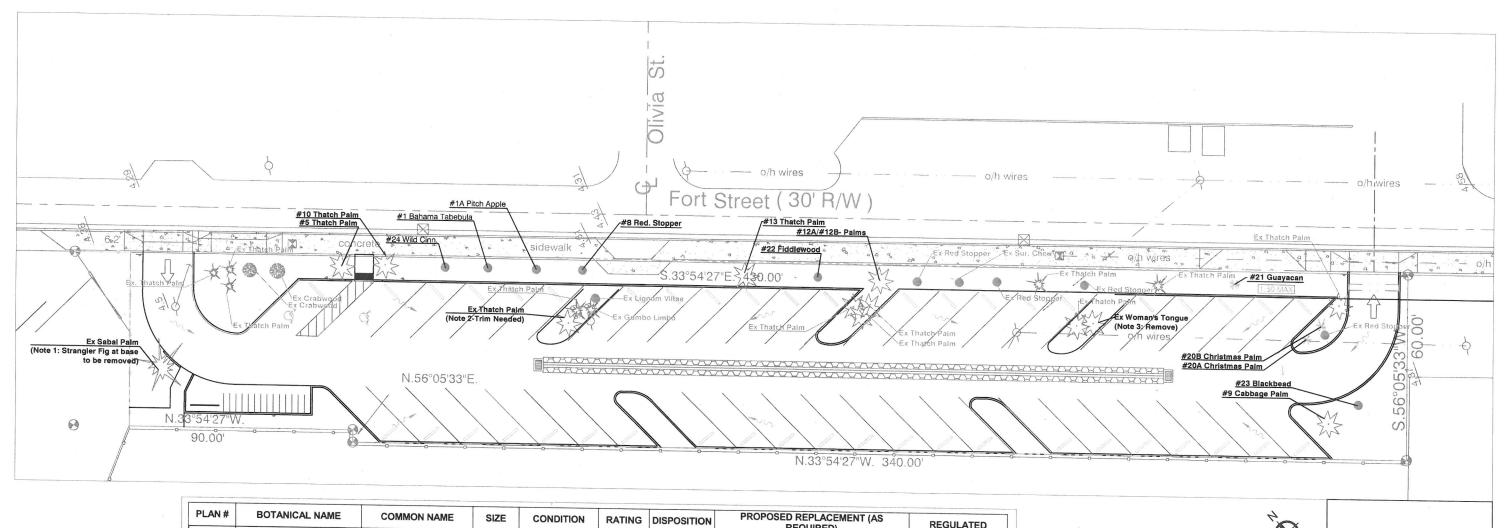
2/7/22

FREDERICK DOUGLASS GYM 111 OLIVIA STREET, KEY WEST, FL, 33040 CITY OF KEY WEST 1300 WHITE STREET, KEY WEST, FL, 3304

PLOTTED: 12/15/2021 2:36:25 PM Drawing Size Pro' 30x42 Pro'

Sheet Number: L1.1 Date: 12/9/





PLAN#	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	RATING	DISPOSITION	PROPOSED REPLACEMENT (AS REQUIRED)	REGULATED
1	TABEBUIA BAHAMENSIS	BAHAMA TABEBUIA		GOOD	3	RELOCATE	SEE PLAN	YES
1A	CLUSIA MAJOR	PITCH APPLE		GOOD	3	RELOCATE	SEE PLAN	YES
5	THRINAX RADIATA	THATCH PALM		GOOD	3	RELOCATE	SEE PLAN	YES
							OLL I LAN	
8	EUGENIA SP	REDBERRY STOPPER						
9	SABAL PALMETTO	CABBAGE PALM PUP		FAIR	3	RELOCATE	SEE PLAN	YES
10	THRINAX RADIATA	THATCH PALM	400	GOOD	3	RELOCATE		YES
	THISINAX RADIATA	THATCH PALM	10"	GOOD	3	RELOCATE		YES
12A	THRINAX RADIATA	THATCH PALM		GOOD		DEI GOVERN		
12B	SABAL PALMETTO	SABAL PALM		GOOD	3	RELOCATE	SEE PLAN	YES
13	THRINAX RADIATA	THATCH PALM		GOOD	3	RELOCATE		YES
		THATOTT ALM		GOOD	3	RELOCATE		YES
20A	ADONIDIA MERRILLI	CHRISTMAS PALM		GOOD	1	RELOCATE	OFF DLAN	NO
20A	ADONIDIA MERRILLI	CHRISTMAS PALM		GOOD	1	RELOCATE	SEE PLAN	NO
21	LIGNUM VITAE	GUAYACAN		POOR	1	RELOCATE		YES
22	CITHAREXYLUM SPINOSUM	FIDDLEWOOD		GOOD	3	RELOCATE		YES
	PITHECELLOBIUM	DI AGUETTE		COOD	_			
23	KEYENSE CANELLA WINTERANA	BLACKBEAD		GOOD	3	RELOCATE		YES



DATE: 11/16/2021

SHEET NAME:

FORT ST. TREE RELOCATION

SHEET NUMBER:

L1.1.1

(Fort St.)

1" = 30'-0"