STAFF REPORT

DATE: March 4, 2021

RE: 111 Olivia Street-Fredrick Douglas Gym Expansion
(permit application #TP2021-0001)

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

An application was received for Final Landscape Plan Approval with Tree Removal. A staff report was created on March 6, 2020 regarding the removal and transplantation of trees in relation to the proposed development (see attached).

The Tree Commission gave Conceptual Approval for the landscape plan and the tree removal on March 9, 2020. The Planning Board approved the project on February 18, 2021. The project received site approval from HARC on February 24, 2021.

Since the conceptual landscape plan approval and the approval from the Planning board, additional shrubs have been added in the rear parking area to help create additional buffer with the neighboring parking area and additional canopy trees have been added to the sidewalk area by the gym and interior parking area instead of the proposed subcanopy trees.

The Final Landscape Plan submitted does incorporate all the required tree removal replacements and is over 70% native vegetation.

Recommendation: Recommend approval of the Final Landscape Plan With Tree Removal at 111 Olivia Street-Frederick Douglas Gym to include the removal of (1) Wild Cinnamon and (1) Gumbo Limbo tree to be replaced with 11.6 caliper inches of native dicot trees from the approved list, FL#1, to be planted onsite and the transplantation onsite of 1-Wild Tamarind (tree #2), 1-Gumbo Limbo (tree #4), 1-Stopper tree (#8), 4-Thatch Palms (tree #5, #10, #12A, and #13), and 1-Sabal Palm (#12B) and the transplantation offsite to the neighboring Fort Street parking lot area; 1-Bahama Tabebuia (tree #1), 1-Pitch Apple (tree #1A), 1-Lignum vitae (tree #21), 1-Fiddlewood (tree #22), 1- Blackbead (tree #23), 1-Cinnamon Bark (tree #24), 1-Sabal Palm (Tree #9), and 2-young Christmas Palms (tree #20A & B).

Existing Trees and Palms to remain :

PLAN #	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE	QUANTITY	PLAN LEGEND
			--		
2	LYSILOMA LATISILIQUUM	WILD TAMARIND	EXISTING	1	
4	BURSERA SIMARUBA	GUMBO LIMBO	EXISTING	1	
5	THRINAX RADIATA	THATCH PALM	EXISTING	1	
6	Eugenia sp.	Redberry Stopper	EXISTING	1	
10	THRINAX RADIATA	THATCH PALM	EXISTING	1	
12	THRINAX RADIATA	THATCH PALM	EXISTING	1	
13	THRINAX RADIATA	THATCH PALM	EXISTING	1	
14	DELONIX REGIA	ROYAL POINCIANA	EXISTING	1	
15	THRINAX RADIATA	THATCH PALM	EXISTING	1	
16	DELONIX REGIA	ROYAL POINCIANA	EXISTING	1	
17	BURSERA SIMARUBA	GUMBO LIMBO	EXISTING	1	
18	THRINAX RADIATA	THATCH PALM	EXISTING	1	
19	Pongamia pinatta	Pongam	existing	1	

Required Landscape Calculations for Frederick Douglas Gym, City of Key West.
111 Olivia Street, Key West, Florida:

Subject property zoning* (HNC-3) (Mar. 1, 2021)

Notes:
This plan is only intended to represent the minimally required landscape per code for planning approval. The installed landscape may exceed all landscape requirements to enhance the communities character.
Plants will be installed as shown and the overall effect is meant to replicate a naturally occurring arrangement of native trees mixed with native and other non native plantings. 100% of proposed plants are native.
3" of shredded cypress bark mulch will be installed in the required landscape areas & all required plants will be sited in accordance with Sec. 108-481/2 Key West Florida. Code of Ordinances. ie. 12' for Canopy trees and 24# for Shrubs.
All Landscape areas shall be covered by living plant material per 108-414B and any area not indicated with plant material shall receive Zoysia 'Empire' sod.

A total of 16 trees are schedule to be relocated per sheet L1.1.1

Protect existing tree and other vegetation indicated to remain in place against unnecessary cutting, breaking or skinning of roots, skinning and bruising of bark, smothering of trees by stockpiling construction materials or excavating materials within drip line, excess foot or vehicular traffic or parking of vehicles within drip line. No activity of any sort is to take place in an area fenced off as a protected area. Water, fertilize, wash off and spray trees and other vegetation to remain within limits of contract work as required to maintain their health during the course of the Landscape Installation. Repair or replace trees and vegetation indicated to remain which are damaged by landscape operations with a tree based on its community statue only upon approval of the Landscape Architect. Landscape Contractor may be required to employ a licensed Arborist approved by the Landscape Architect to repair damage to trees .

Relocating Trees:
If at all possible root pruning should commence at the earliest date possible. The crown may be reduced by 1/3 or as directed by the Landscape Architect. As large a rootball as is practical shall be taken and at all times the entire root pruned area shall be taken. The tree is to be prized off of Caprock if possible but in some cases Caprock will have to be taken with the rootball. The tree is to be immediately placed into its new location. Deeply water the tree daily for two months and every other day for another 2 months at the root system. It is recommended and may be required by the Landscape Architect to supply a mist head in the crown of the tree or to treat the tree with "vaporguard" or equal to insure successful relocation. Relocated trees are not guaranteed by the landscape contractor.

Relocating Palms:
Transplantation will be similar to that for trees except trim all but 3-4 fronds off of the palm, all fruit and flowers and in some cases the fronds will have to tied up. The palm shall be treated with "Limstar" and an approved fungicide The Landscape Architect also may require the palm to be bud pollad. Relocated palms are not guaranteed by the landscape contractor.

Street Frontage:
Required: 5.41 acre, 252 linear feet provided. 200 plant units required.
Provided: 209 plant units provided

Provided:
2 existing trees, 4 existing palms = 32 Landscape Units.
13 - 12' tall min..Gymnanthes lucida, Crabwood*13G units
16 - 14' Thrinax morisii, Key Thatch Palm.*4B units
12- 24# Blue Porterweed*12 units

Interior Parking lot:

Canopy Trees
Required: 600 l.f = 6 Canopy Trees
Provided: 6 - 12' tall min..Lysiloma latisiliquum, Wild Tamarind

Perimeter Landscaping:.

76 l.f., provided
Canopy Trees
Required: 2.17 x 1 = 2 required
Provided: 2 existing mature Trees

Shrubs
Required: 2.17 x 10 = 22
Provided: 37 - 24# native Shrubs will be planted:
19 Blue Porterweed- Stachytarpheta jamaicensis
18 Locustberry- Byrsonima lucida

Non Vehicular use areas:

Canopy Trees
Required: Less than 30% and less than 2,000 s.f. NOS. = 4 trees
Provided: 3 Relocated trees and 2 - 12' tall min..Lysiloma latisiliquum, Wild Tamarind

Screening:

11 Locustberry- Byrsonima lucida
1 14' Thrinax morisii, Key Thatch Palm.

GENERAL NOTES

1. ALL PALMS TO BE 4' TALL MINIMUM PER CODE
2. TREES TO BE RELOCATED TO BE REMOVED WITH SPUD AND MAINTAINED WATERED DURING CONSTRUCTION

GRAVEL AREA - TBD BY PUBLIC WORKS = 1,625 SQ FT

LEGEND

EXISTING TREE

NEW TREE TO BE PLANTED

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

13 - .Gymnanthes lucida, Crabwood, 12-13' oa., 45 gallon.

17 - Thrinax morisii, Key Thatch Palm., 5' oa., b&b

8 - Lysiloma latisiliquum, Wild Tamarind Tree, 12-13' oa., 45 gallon

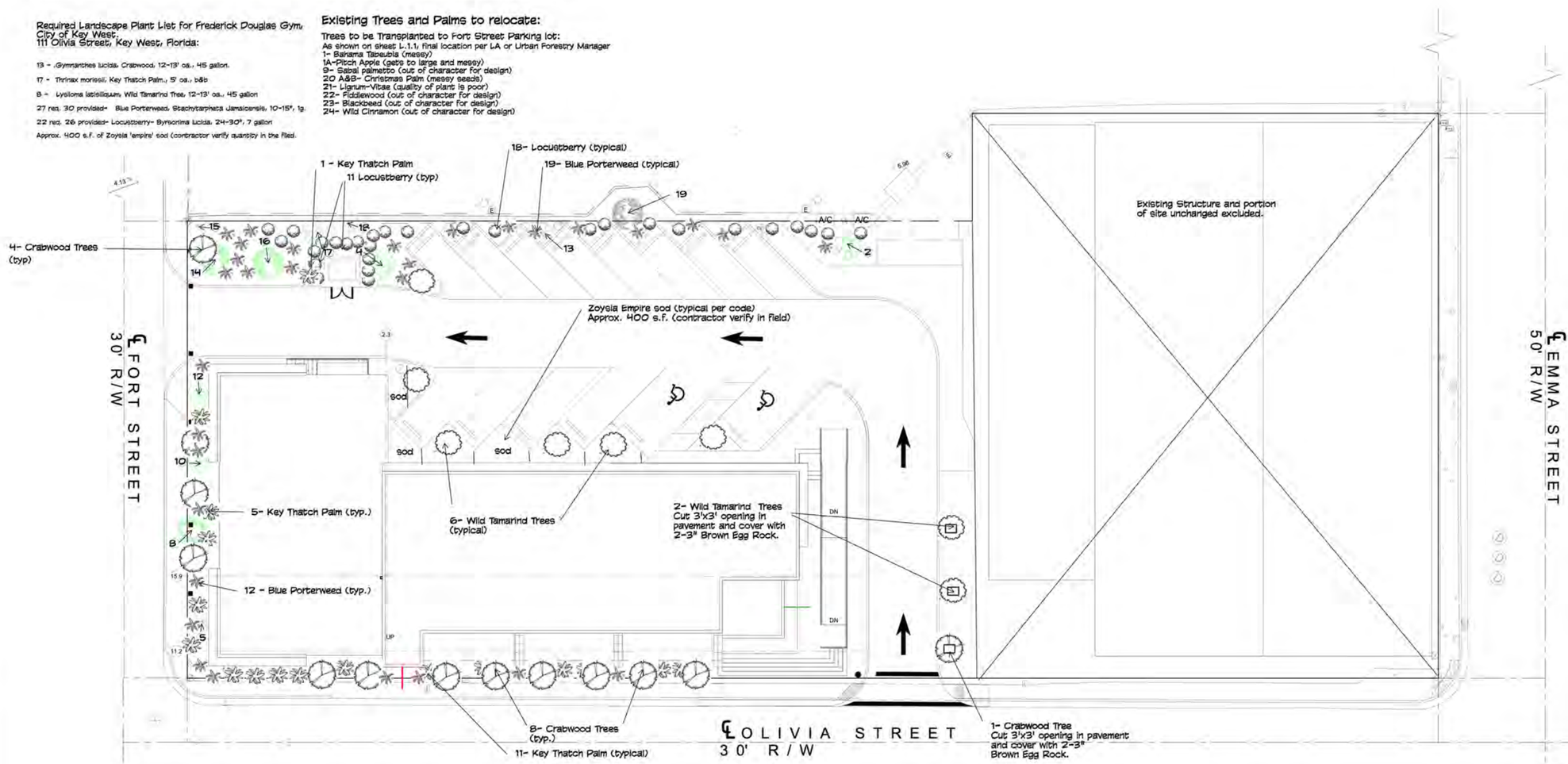
27 req. 30 provided- Blue Porterweed, Stachytarpheta Jamaicensis, 10-15#, 1g.

22 req. 26 provided- Locustberry- Byrsonima lucida, 24-30#, 7 gallon

Approx. 400 s.f. of Zoysia 'empire' sod (contractor verify quantity in the field.

Existing Trees and Palms to relocate:

Trees to be Transplanted to Fort Street Parking lot:
As shown on sheet L.1.1, final location per LA or Urban Forestry Manager
1- Bahama Tabebuia (messy)
1A-Pitch Apple (gets to large and messy)
9- Sabal palmetto (out of character for design)
20 A&B- Christmas Palm (messy seeds)
21- Ligrum-Vitae (quality of plant is poor)
22- Fiddlewood (out of character for design)
23- Blackbead (out of character for design)
24- Wild Cinnamon (out of character for design)



1 REQUIRED LANDSCAPE PLAN
SCALE: 3/32" = 1'-0"

ARCHITECT:
K2M DESIGN
Architecture, Engineering, Interior Design, Asset Management, Specialty Consulting
Key Largo, Florida
Key West, Florida
Marathon, Florida
URL: www.k2mdesign.com
PROF. REG. AA26001059
Building Relationships Based on Trust and Results
Cincinnati | Columbus | Indianapolis | Key Largo | Key West | Hamilton | Columbus | Baltimore

Seal:

Consultants:
DDAI DAVID DOUGLAS ASSOCIATES, INC.
Nutting Engineers
Blue Island
BROWN & GREBRIN

Feb. 6, 2020
Feb. 17, 2020
March 2, 2020
March 5, 2020
Feb. 16, 2021
Feb. 18, 2021

Submissions:

1	ISSUED FOR BID	11/20/2019
2	ISSUED DBC	12/13/2019

Feb. 24, 2021
Feb. 24, 2021
Mar. 1, 2021
Mar. 3 2021

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

PLOTTED:
2/3/2020 2:01:51 PM

Drawing Size	Project #
30x42	18095
Drawn By:	Checked By:
Rich	

Title:
Required Landscape Plan

Sheet Number:
L1.1.2

Date: 12/20/2019
©2019 by K2M Design, Inc.

2/3/2020 2:01:51 PM
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Public
Notice
03/02/2021

STAFF REPORT

DATE: 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 with Tree Removal. A staff report was created on February 27 and March 6, 2020 regarding the removal and transplantation of trees in relation to the demolition and construction of the annex building to the Fredrick Douglas Gym. The report is attached.

The landscape plan requests the removal of two trees, 1-Wild Cinnamon (tree #3) and 1-Gumbo Limbo (tree #11). If approved, the total required replacement of these trees will be 11.6 caliper inches.

Some of the existing trees on the property will be transplanted onsite including 1-Wild Tamarind (tree #2), 1-Gumbo Limbo (tree #4), 1-Stopper tree (#8), 4-Thatch Palms (tree #5, #10, #12A, and #13), and 1-Sabal Palm (#12B). The following trees will be transplanted to the neighboring Fort Street parking lot area; 1-Bahama Tabebuia (tree #1), 1-Pitch Apple (tree #1A), 1-Lignum vitae (tree #21), 1-Fiddlewood (tree #22), 1-Blackbead (tree #23), 1-Cinnamon Bark (tree #24), 1-Sabal Palm (Tree #9), and 2-young Christmas Palms (tree #20A & B).

Six existing trees will remain in place including 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).

The landscape plan submitted does incorporate all the required tree removal replacements and is over 70% native vegetation. Due to existing conditions on the site, the project will require landscape waivers which will have to be approved by the Planning Board. Every reasonable attempt has been made to preserve existing vegetation and incorporate new landscaping.

Recommendation: Recommend approval of the Conceptual Landscape Plan With Tree Removal at 111 Olivia Street to include the approval of the removal of (1) Wild Cinnamon and (1) Gumbo Limbo tree to be replaced with 11.6 caliper inches of native dicot trees from the approved list, FL#1, to be planted onsite.

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.

Existing Trees and Palms to remain :

PLAN #	BOTANICAL NAME:	COMMON NAME	MINIMUM SIZE	QUANTITY	PLAN LEGEND
2	LYSILOMA LATISILIQUUM	WILD TAMARIND	EXISTING	1	
4	BURSERA SIMARUBA	GUMBO LIMBO	EXISTING	1	
5	THRINAX RADIATA	THATCH PALM	EXISTING	1	
6	Eugenia sp.	Redberry Stopper	EXISTING	1	
10	THRINAX RADIATA	THATCH PALM	EXISTING	1	
12	THRINAX RADIATA	THATCH PALM	EXISTING	1	
13	THRINAX RADIATA	THATCH PALM	EXISTING	1	
13	DELONIX REGIA	ROYAL POINCIANA	EXISTING	1	
15	THRINAX RADIATA	THATCH PALM	EXISTING	1	
16	DELONIX REGIA	ROYAL POINCIANA	EXISTING	1	
17	BURSERA SIMARUBA	GUMBO LIMBO	EXISTING	1	
18	THRINAX RADIATA	THATCH PALM	EXISTING	1	
19	Pongamia pinnata	Pongam	existing	1	

Required Landscape Calculations for Frederick Douglas Gym, City of Key West, 111 Olivia Street, Key West, Florida:

Subject property zoning (HNC-3)

Notes:
This plan is only intended to represent the minimally required landscape per code for planning approval. The installed landscape may exceed all landscape requirements to enhance the communities character.
Plants will be installed as shown and the overall effect is meant to replicate a naturally occurring arrangement of native trees mixed with native and other non native plantings. 100% of proposed plants are native.
3" of shredded cypress bark mulch will be installed in the required landscape areas & all required plants will be sized in accordance with Sec. 108-189(1)(2 Key West Florida Code of Ordinances. ie. 12" for Canopy trees and 24" for Shrubs.
All Landscape areas shall be covered by living plant material per 108-146B and any area not indicated with plant material shall receive Zoysia "Empire" sod.

A total of 7 trees are scheduled to be relocated per sheet L1.1.1

Protect existing tree and other vegetation indicated to remain in place against unnecessary cutting breaking or skinning of roots, skinning and bruising of bark, smothering of trees by stockpiling construction materials or excavating materials within drip line, excess foot or vehicular traffic or parking of vehicles within drip line. No activity of any kind is to take place in an area fenced off as a protected area. Water, fertilize, wash off and spray trees and other vegetation to remain within limits of contract work as required to maintain their health during the course of the Landscape Installation. Repair or replace trees and vegetation indicated to remain which are damaged by landscape operations with a tree based on tbl. community status only upon approval of the Landscape Architect. Landscape Contractor may be required to employ a licensed Arborist approved by the Landscape Architect to repair damage to trees .

Relocating Trees:
If at all possible root pruning should commence at the earliest date possible. The crown may be reduced by 1/3 or as directed by the Landscape Architect. As large a rootball as is practical shall be taken and at all times the entire root pruned area shall be taken. The tree is to be prep off of Carrock if possible but in some cases Carrock will have to be taken with the rootball. The tree is to be immediately placed into its new location. Deeply water the tree daily for two months and every other day for another 2 months at the root system. It is recommended and may be required by the Landscape Architect to supply a mist head in the crown of the tree or to treat the tree with "Aproquant" or equal to insure successful relocation. Relocated trees are not guaranteed by the landscape contractor.

Relocating Palms:
Transplantation will be similar to that for trees except trim all but 3-4 fronds off of the palm, all fruit and flowers and in some cases the fronds will have to tied up. The palm shall be treated with "Limlane" and an approved fungicide. The Landscape Architect also may require the palm to be bud prepd. Relocated palms are not guaranteed by the landscape contractor.

Street Frontage:
Required: 0.41 acre, 252 linear feet provided, 200 plant units required.
Provided: 80 plant units provided

Provided:
3 relocated trees, 4 relocated palms = 32 Landscape Units.
13 - 12" tall min. Gymnanthes lucida, Crabwood
16 - 4' Thrinax morisii, Key Thatch Palm.

Interior Parking lot:

Canopy Trees
Required: 600 LF ÷ 6 Canopy Trees
Provided: 6 - 12" tall min. Krugiodendron ferreum, Black Ironwood Tree

Perimeter Landscaping:
76 LF provided
Canopy Trees
Required: 2.72 x 1 = 2 required
Provided: 2 relocated Trees

Shrubs
Required: 2.72 x 10 = 22
Provided: 22 - 24" native Shrubs will be planted.
11 American Beautyberry- Callicarpa americana
11 Locustberry- Byrsonima lucida

Non Vehicular use areas:
Canopy Trees
Required: Less than 30% and less than 2,000 s.f. NON. = 4 trees
Provided: 3 Relocated trees and 2 - 12" tall min. Krugiodendron ferreum, Black Ironwood Tree

Screening:
11 Locustberry- Byrsonima lucida
16 4' Thrinax morisii, Key Thatch Palm.

GENERAL NOTES

1. ALL PALMS TO BE 4' TALL MINIMUM PER CODE
2. TREES TO BE RELOCATED TO BE REMOVED WITH SPADE AND MAINTAINED WATERED DURING CONSTRUCTION

GRAVEL AREA - TBD BY PUBLIC WORKS +3,625.00 FT

LEGEND

EXISTING TREE

NEW TREE TO BE PLANTED

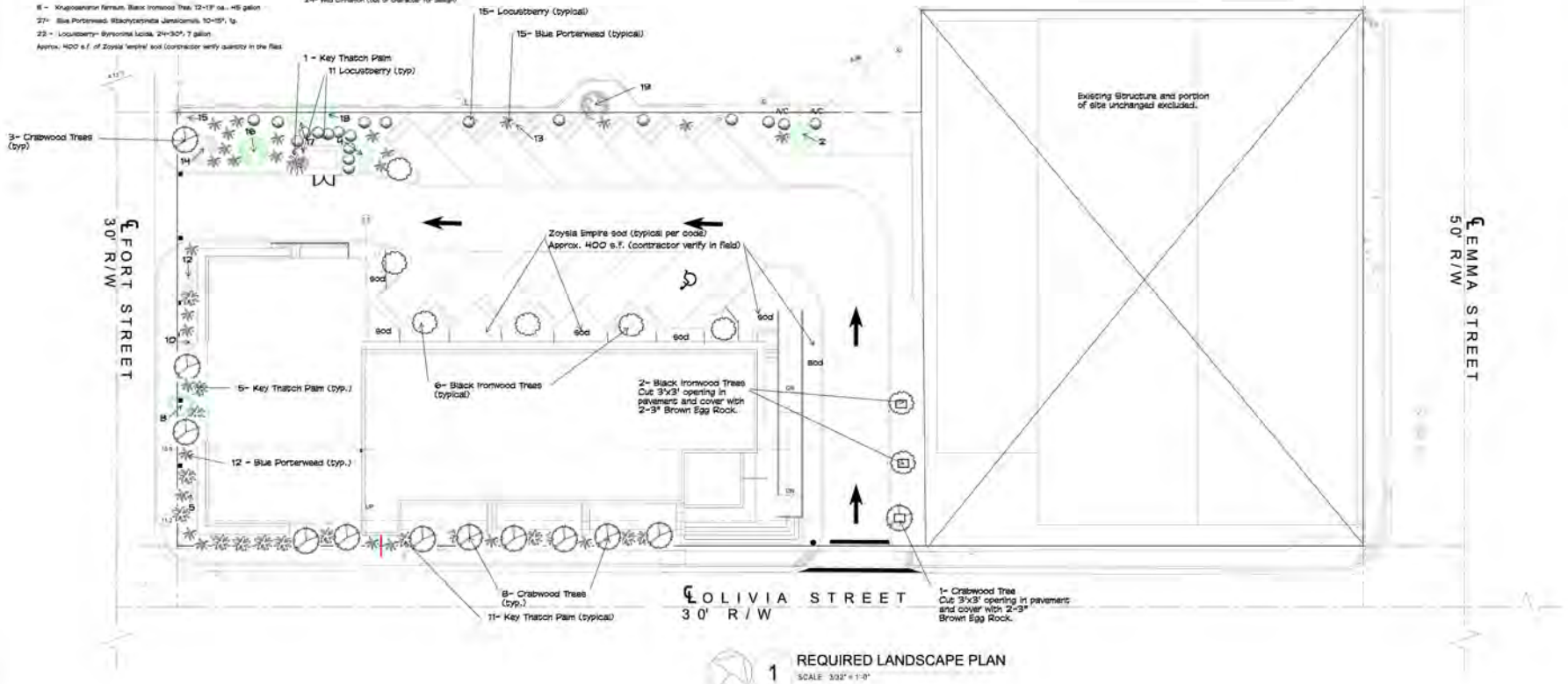
Required Landscape Plant List for Frederick Douglas Gym, City of Key West, 111 Olivia Street, Key West, Florida:

16 - Gymnanthes lucida, Crabwood, 12-13' oa., HS gallon.
17 - Thrinax morisii, Key Thatch Palm., 5' oa., B&B
6 - Krugiodendron ferreum, Black Ironwood Tree, 12-13' oa., HS gallon
27- Blue Porterweed, Ritachytarpheta jamaicensis, 10-15", 1g.
22 - Locustberry- Byrsonima lucida, 24-30", 7 gallon
Approx. 400 s.f. of Zoysia 'empire' sod (contractor verify quantity in the field

Existing Trees and Palms to relocate:

Trees to be Transplanted to Fort Street Parking lot:

As shown on sheet L.1.1, final location per LA or Urban Forestry Manager
1- Banana Tabebuia (Heavy)
1A-Pitch Apple (gets to large and messy)
9- Sabal palmetto (out of character for design)
20 A&B- Christmas Palm (messy seeds)
21- Ligrum-Vitae (quality of plant is poor)
22- Fiddlewood (out of character for design)
23- Blackwood (out of character for design)
24- Wild Cinnamon (out of character for design)



1 REQUIRED LANDSCAPE PLAN
SCALE 3/32" = 1'-0"

ARCHITECT:
K2M DESIGN
Architecture, Engineering, Interior Design, Asset Management, Specialty Consulting
Key Largo, Florida
Key West, Florida
Marathon, Florida
URL: www.k2mdesign.com
FBCR REG. AA26000523
Building Relationships
Based on Trust and Results

Client:

Consultants:
DDAI
DAVID DOUGLAS ASSOCIATES, INC.
Nutting Engineers
Blue Island

Feb. 6, 2020
Feb. 17, 2020
March 2, 2020
March 5, 2020

Revisions

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

PLOTTED:
Drawing Size: 24x36
Project #: 19140
Drawn By: Rich
Checked By:

Title:
Required Landscape Plan

Sheet Number:
L1.1.2

Date: 12/20/2019

PLAN #	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	RATING	DISPOSITION	PROPOSED REPLACEMENT (AS REQUIRED)	PERMIT REQUIRED
1	TABEBUIA BAHAMENSIS	BAHAMA TABEBUIA		GOOD	3	RELOCATE	RELOCATED ON SITE	YES
1A	CLUSIA MAJOR	PITCH APPLE		GOOD	3	RELOCATE	RELOCATED ON SITE	YES
2	LYSILOMA LATISILIQUUM	WILD TAMARINO	15.2"	GOOD	3	RELOCATE	RELOCATED ON SITE	YES
3	CANELLA WINTERANA	WILD CINNAMON	6.3"	POOR	3	REMOVE	N/A	YES
4	BURSERA SIMARUBA	GUMBO LIMBO	21.3"	GOOD	3	RELOCATE	RELOCATED ON SITE	YES
5	THRINAX RADIATA	THATCH PALM		GOOD	3	RELOCATE	RELOCATED ON SITE	YES
6	BUCIDA BUCERAS	BLACK OLIVE	3" & 4"	FAIR	3	REMOVE	N/A	NO
7	MYRCIANTHES FRAGRANS	SIMPSON STOPPER	4"	DEAD	3	REMOVE	DEAD	NO
8	EUGENIA SP	REDBERRY STOPPER		FAIR	3	RELOCATE	N/A	YES
9	SABAL PALMETTO	CABBAGE PALM PUP		GOOD	3	RELOCATE	RELOCATED ON SITE	YES
10	THRINAX RADIATA	THATCH PALM	10"	GOOD	3	RELOCATE	RELOCATED ON SITE	YES
11	BURSERA SIMARUBA	GUMBO LIMBO	9.2"	FAIR	3	REMOVE	N/A	YES
12A	THRINAX RADIATA	THATCH PALM		GOOD	3	RELOCATE	RELOCATED ON SITE	YES
12B	SABAL PALMETTO	SABAL PALM		GOOD	3	RELOCATE	RELOCATED ON SITE	
13	THRINAX RADIATA	THATCH PALM		GOOD	3	RELOCATE	RELOCATED ON SITE	YES
14	DELONIX REGIA	ROYAL POINCIANA		GOOD	3	REMAIN	N/A	YES
15	THRINAX RADIATA	THATCH PALM		GOOD	3	REMAIN	N/A	YES
16	DELONIX REGIA	ROYAL POINCIANA	15"	GOOD	3	REMAIN	N/A	YES
17	BURSERA SIMARUBA	GUMBO LIMBO		GOOD	3	REMAIN	N/A	YES
18	THRINAX RADIATA	THATCH PALM		GOOD	3	REMAIN	N/A	YES
19	PONGAM	PONGAMIA PINNATA	17"	GOOD	3	REMAIN	N/A	YES
20A	ADONIDIA MERRILLI	CHRISTMAS PALM		GOOD	1	RELOCATE	RELOCATED ON SITE	NO
20A	ADONIDIA MERRILLI	CHRISTMAS PALM		GOOD	1	RELOCATE	RELOCATED ON SITE	NO
21	LIGNUM VITAE	GUAYACAN		POOR	1	RELOCATE	RELOCATED ON SITE	YES
22	CITHAREXYLUM SPINOSUM	FIDDLEWOOD		GOOD	3	RELOCATE	RELOCATED ON SITE	YES
23	PITHECELLOBIUM KEYENSE	BLACKBEAD		GOOD	3	RELOCATE	RELOCATED ON SITE	YES
24	CANELLA WINTERANA	WILD CINNAMON		FAIR	2	RELOCATE	RELOCATED ON SITE	YES

GENERAL NOTES

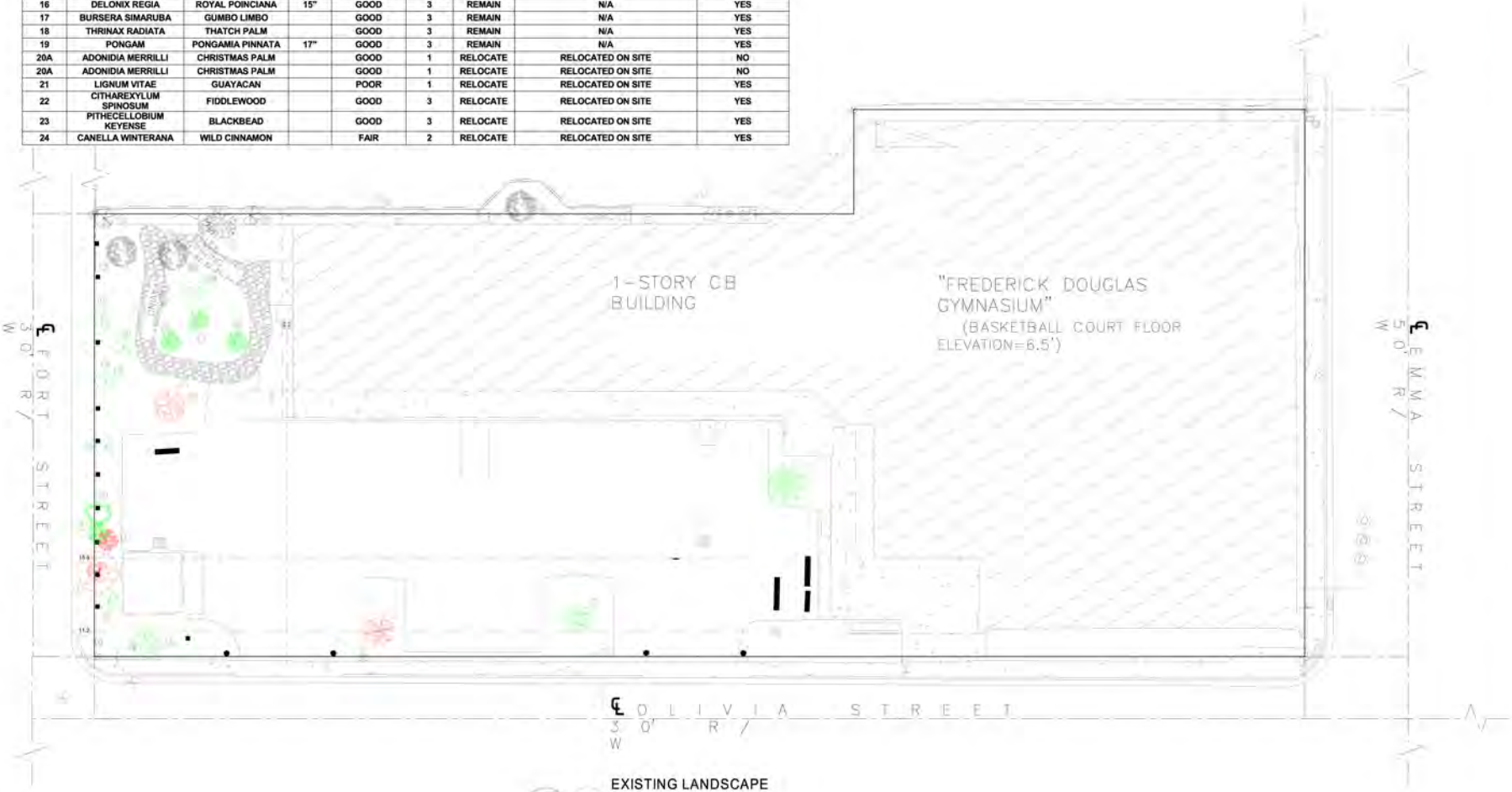
1. ALL PALMS TO BE 4' TLL MINIMUM PER CODE
2. TREES TO BE RELOCATED TO BE REMOVED WITH ZPUD AND MAINTAINED /WATERED DURING CONSTRUCTION
3. COORDINATE TREE RELOCATIONS WITH SHEET L1.1.2

LEGEND

TREE TO BE REMOVED

TREE TO BE RELOCATED

TREE TO REMAIN



1 EXISTING LANDSCAPE SITE PLAN
SCALE: 1" = 10'-0"

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