



2021-0001 ✓
Final landscape
plan w/Tree removal
kd

Tree Permit Application

Date: Feb 18, 2021

Please Clearly Print All Information unless indicated otherwise.

Tree Address 111 Olivia Street
Cross/Corner Street Olivia/Fort
List Tree Name(s) and Quantity SEE DRAWINGS
Species Type(s) check all that apply (X) Palm (X) Flowering (X) Fruit (X) Shade () Unsure
Reason(s) for Application:

(X) REMOVE (X) Tree Health () Safety (X) Other/Explain below
(X) TRANSPLANT () New Location (X) Same Property () Other/Explain below
() HEAVY MAINTENANCE () Branch Removal () Crown Cleaning/Thinning () Crown Reduction
Additional Information and Explanation SOME TREES ARE TO BE REMOVED DUE TO IMPACT OF DESIGN, OTHERS SHALL BE TRANSPLANTED TO NEW LOCATIONS ON SITE, AND SOME WILL BE REMOVED DUE TO TREE HEALTH - SEE DRAWINGS FOR INFORMATION

Property Owner Name CITY OF KEY WEST
Property Owner eMail Address JYONGUE@CITYOFKEYWEST-FL.GOV
Property Owner Mailing Address PO BOX 1409
Property Owner Mailing City KEY WEST **State** FL **Zip** 33040
Property Owner Phone Number (305) 809 - 3867
Property Owner Signature

Representative Name ERICA POOLE - K2M DESIGN
Representative eMail Address EPOOLE@K2MDESIGN.COM
Representative Mailing Address 1150 VIRGINIA STREET
Representative Mailing City KEY WEST **State** FL **Zip** 33040
Representative Phone Number (305) 307 - 5840

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

PLEASE SEE DRAWINGS FOR INFORMATION

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

RECEIVED

FEB 20 2020

CITY MANAGER



Tree Representation Authorization

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.

Date February 19, 2020
Tree Address 111 Olivia St
Property Owner Name City of Key West
Property Owner Mailing Address P O Box 1409
Property Owner Mailing City, State, Zip Key West FL 33040
Property Owner Phone Number 305-809-3867
Property Owner email Address lyan.gue@cityofkeywest-fl.gov
Property Owner Signature [Signature] ACM

Representative Name Erica Poole - K2M Design
Representative Mailing Address 1150 Virginia St
Representative Mailing City, State, Zip Key West FL 33040
Representative Phone Number 305-307-5840
Representative email Address epoole@k2mdesign.com

I Rita McLaughlin 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 are any questions or need access to my property.

Property Owner Signature [Signature]

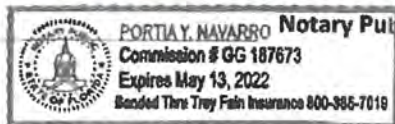
The forgoing instrument was acknowledged before me on this 20th day of February, 2020.
By (Print name of Affiant) Rita M. McLaughlin who is personally known to me or has produced as identification and who did take an oath.

Notary Public

Sign name: Portia H. Navarro

Print name: PORTIA H. NAVARRO

My Commission expires:



Notary Public - State of

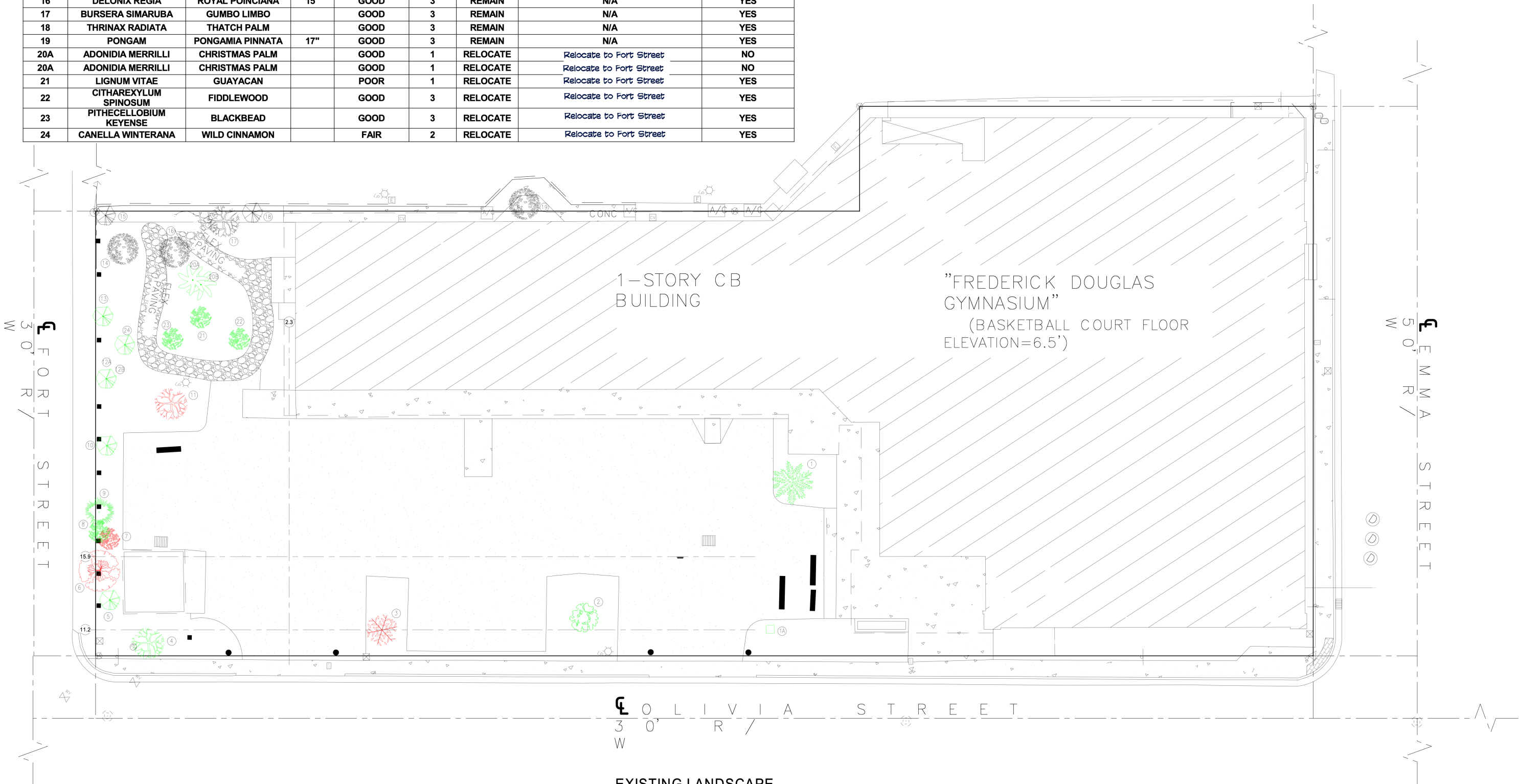
FLORIDA

(Seal)

PLAN #	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	RATING	DISPOSITION	PROPOSED REPLACEMENT (AS REQUIRED)	PERMIT REQUIRED
1	TABEUIA BAHAMENSIS	BAHAMA TABEUIA		GOOD	3	RELOCATE	Relocate to Fort Street	YES
1A	CLUSIA MAJOR	PITCH APPLE		GOOD	3	RELOCATE	Relocate to Fort Street	YES
2	LYSILOMA LATISILUQUUM	WILD TAMARINO	15.2"	GOOD	3	RELOCATE	RELOCATED ON SITE	YES
3	CANELLA WINTERANA	WILD CINNAMON	6.3"	POOR	3	REMOVE	See Landscape Plan	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	Remain	YES
9	SABAL PALMETTO	CABBAGE PALM PUP		GOOD	3	RELOCATE	Relocate to Fort Street	YES
10	THRINAX RADIATA	THATCH PALM	10"	GOOD	3	RELOCATE	RELOCATED ON SITE	YES
11	BURSERA SIMARUBA	GUMBO LIMBO	9.2"	GOOD	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	YES
13	THRINAX RADIATA	THATCH PALM	16"	GOOD	3	RELOCATE	RELOCATED ON SITE	YES
14	DELONIX REGIA	ROYAL POINCIANA		GOOD	3	REMAIN	N/A	YES
15	THRINAX RADIATA	THATCH PALM	13"	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	Relocate to Fort Street	NO
20A	ADONIDIA MERRILLI	CHRISTMAS PALM		GOOD	1	RELOCATE	Relocate to Fort Street	NO
21	LIGNUM VITAE	GUAYACAN		POOR	1	RELOCATE	Relocate to Fort Street	YES
22	CITHAREXYLUM SPINOSUM	FIDDLEWOOD		GOOD	3	RELOCATE	Relocate to Fort Street	YES
23	PITHECELLOBIUM KEYENSE	BLACKBEAD		GOOD	3	RELOCATE	Relocate to Fort Street	YES
24	CANELLA WINTERANA	WILD CINNAMON		FAIR	2	RELOCATE	Relocate to Fort Street	YES

GENERAL NOTES	
1.	ALL PALMS TO BE 4' TLL MINIMUM PER CODE
2.	TREES TO BE RELOCATED TO BE REMOVED WITH SPUD 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"

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
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West | Marathon | Charlotte | Tallahassee | Jacksonville



Consultants:
DDAI
DAVID DOUGLAS
ASSOCIATES, INC.
A Subsidiary of Earth
11400 Overseas Highway, Suite 205
Marathon, Florida 33970
(888) 888-8888
Florida: www.dai-engineers.com
Certification of Professional Engineer

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GARDEN DESIGN &
LANDSCAPE ARCHITECTURE
305.852.1111
BROWNANDCREBBIN.COM

March 2, 2020
Feb. 16, 2021

Submissions:	
1	ISSUED DD SET 11/02/2019
2	ISSUED DDC 12/13/2019
3	ISSUED DD SET 10/16/2020

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

PLOTTED: 3/2/2020 3:18:47 PM	
Drawing Size 30x42	Project #: 19095
Drawn By: LBB/EHP	Checked By: EG
Title: EXISTING LANDSCAPE PLAN	

Sheet Number:
L1.1.1
Date: 02/19/2020
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Existing Trees and Palms to remain :

PLAN #	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE	QUANTITY	PLAN LEGEND
2	LYSIOMA LATICILIUM	WILD TAMARIND	EXISTING	1	
4	BURSERIA 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	DELOXIA REGIA	ROYAL PONCIANA	EXISTING	1	
15	THRINAX RADIATA	THATCH PALM	EXISTING	1	
16	DELOXIA REGIA	ROYAL PONCIANA	EXISTING	1	
17	BURSERIA 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) (Feb. 18, 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 community 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. 109-48(2) Key West Florida, Code of Ordinances. Is 12" for Canopy trees and 24" for Shrubs.
All Landscape areas shall be covered by living plant material per 109-44B 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 skirting of roots, skirting 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, fertilizer, 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 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 pried 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 be tied up. The palm shall be treated with "Lindane" and an approved fungicide. The Landscape Architect also may require the palm to be tied up. Relocated palms are not guaranteed by the landscape contractor.

Street Frontage:
Required: 6-41 acre, 252 linear feet provided. 200 plant units required.
Provided: 209 plant units provided

Provided:
2 existing trees 4 existing palms = 32 Landscape Units.
15 - 12" tall min. Gymnanthes lucida, Crabwood 150 units
16 - 4" Thrinax morisiell, Key Thatch Palm 448 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 laticiliuim, Wild Tamarind

Perimeter Landscaping:

Canopy Trees
Required: 2.17 x 1 = 2 required
Provided: 2 existing mature Trees

Shrubs:

Required: 2.17 x 10 = 22
Provided: 22 - 24" native shrubs will be planted:
Blue Porterweed - Stachytarpheta jamaicensis
16 Locustberry - Byrsionima lucida

Non Vehicular use areas:

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

Screening:

11 Locustberry - Byrsionima lucida
1 Thrinax morisiell, Key Thatch Palm

GENERAL NOTES

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

GRAVEL AREA - TBD BY PUBLIC WORKS = 3,825 SQ FT

LEGEND

EXISTING TREE

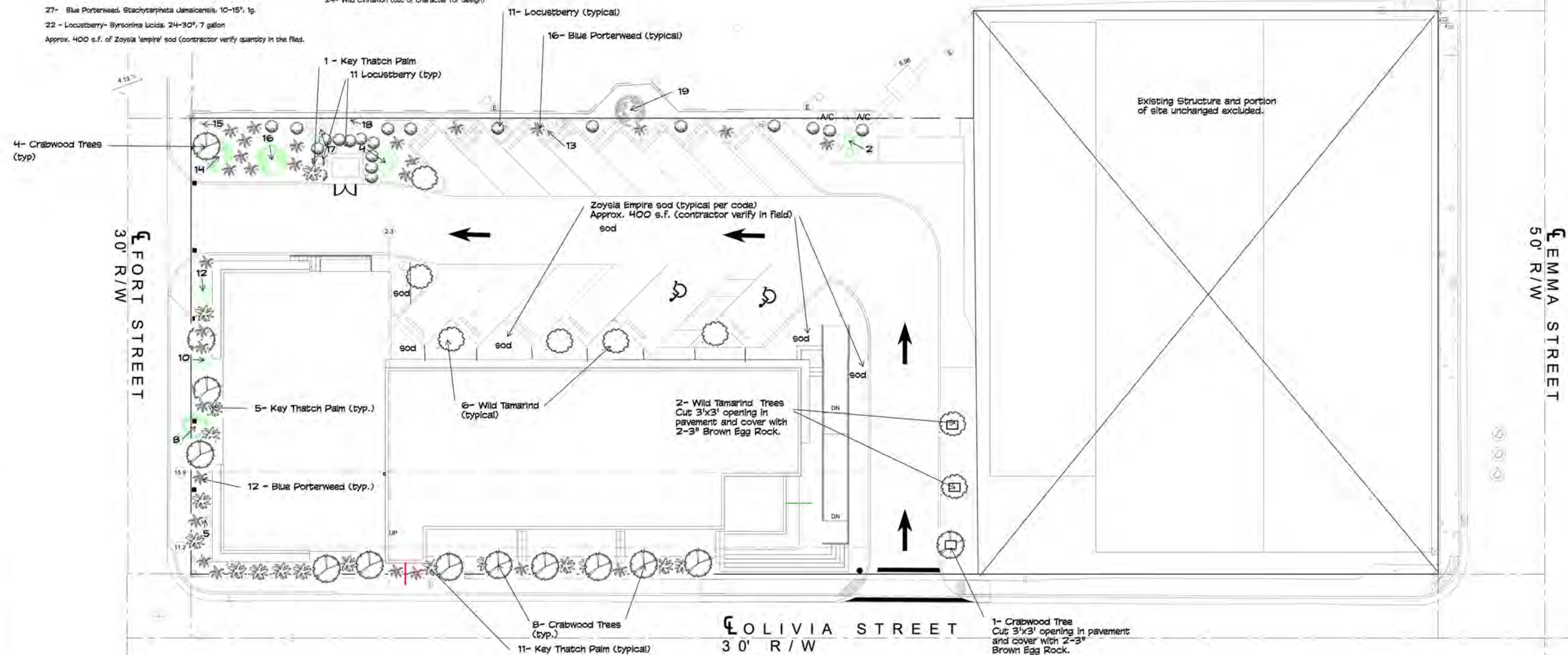
NEW TREE TO BE PLANTED

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

- 13 - Gymnanthes lucida, Crabwood, 12-13' ca., 45 gallon.
17 - Thrinax morisiell, Key Thatch Palm, 5' ca., b&b
8 - Lysiloma laticiliuim, Wild Tamarind Tree, 12-13' ca., 45 gallon
27- Blue Porterweed, Stachytarpheta jamaicensis, 10-15', 1g.
22 - Locustberry - Byrsionima 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 L1.1, final location per LA or Urban Forestry Manager
1- Bahama Tipuosa (messy)
1A-Pitch Apple (gets too large and messy)
9- Silver palm tree (out of character for design)
20 A&B- Christmas Palm (messy seeds)
21- Ligum-Vine (quality of plants is poor)
22- Fiddlewood (out of character for design)
23- Blackbead (out of character for design)
24- Wild Cinnamon (out of character for design)



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
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Contract / Complete Landscapes / Key Largo / Key
West / Marathon / County / Building / Construction

Consultants:
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ASSOCIATES, INC.
A Division of DDAI
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Key West, Florida 33404
Phone: 305-241-1111
Fax: 305-241-1112
www.ddai.com
Feb. 6, 2020
Feb. 17, 2020
March 2, 2020
March 5, 2020
Feb. 16, 2021
Feb. 18, 2021
Submissions:
1. ISSUED SET
2. REVISIONS
3. 11/00/00
4. 12/18/00

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: 30x42 Project #: 10095
Drawn By: Rich Checked By:
Title:
Required Landscape Plan
Sheet Number:
L1.1.2
Date: 12/29/2019
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