

TP 2022-0019

Conceptual Landscape
Plan w/ Tree Removal

Project Tree Permit Application

Please Clearly Print All Information unless indicated otherwise. Date: 09/09/2022

Tree Address 918 Fort Street

Cross/Corner Street Fort Street and Petronia Street

List Tree Name(s) and Quantity 5 Sabal Palms, 1 Coconut Palm, 2 Gumbo Limbos, 9 Autograph Trees

Reason(s) for Application:

(x) Remove () Tree Health () Safety (x) Other/Explain below

(x) Transplant (x) New Location (x) Same Property () Other/Explain below

() Heavy Maintenance Trim () Branch Removal () Crown Cleaning/Thinning () Crown Reduction

Additional Information and Explanation

If the Sabal Palms are in good condition they will be relocated on site rather than removed.

If the Gumbo Limbo's are able to be transplanted they will most likely be relocated off site.

The Autograph Trees are to be relocated to accommodate the new access drive.

The Coconut Palm is to be removed.

Property Owner Name The Naval Properties Local Development Authority of Key West

Property Owner email Address pmclauchlin@cityofkeywest-fl.gov

Property Owner Mailing Address 1300 White Street, Key West, FL 33040

Property Owner Phone Number 305-809-3700

Property Owner Signature

*Representative Name Pete Anderson and Mike Flaugh

Representative email Address pete@mikeflaughla.com

Representative Mailing Address 3744 SE Ocean Blvd., Stuart, FL 34996

Representative Phone Number 772-419-0024

*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.

As of August 1, 2022, application fees are required. See back of application for fee amounts.

Sketch location of tree (aerial view) including cross/corner street. Please identify tree(s) on the property regarding this application with colored tape or ribbon.



9-13-22
No fees
city
property.
10



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 09/09/2022
Tree Address 918 Fort Street
Property Owner Name The Naval Properties Local Development Authority of Key West
Property Owner Mailing Address 1300 White Street
Property Owner Mailing City, State, Zip Key West, FL 33040
Property Owner Phone Number 305-809-3700
Property Owner email Address pmclauchlin@cityofkeywest-fl.gov
Property Owner Signature *Patti McLauchlin*
Representative Name Pete Anderson and Mike Flaugh
Representative Mailing Address 3744 SE Ocean Blvd.
Representative Mailing City, State, Zip Stuart, FL 34996
Representative Phone Number 772-419-0024
Representative email Address pete@mikeflaughla.com

I, Patti McLauchlin, City Manager 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 is any questions or need access to my property.

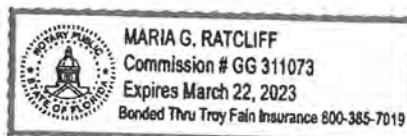
Property Owner Signature *Patti McLauchlin*

The forgoing instrument was acknowledged before me on this 13 day September 2022.
By (Print name of Affiant) _____ who is personally known to me or has produced as identification and who did take an oath.

Notary Public

Sign name: *Maria G. Ratcliff*
Print name: Maria G. Ratcliff

My Commission expires: March 22, 2023 **Notary Public-State of** Florida (Seal)



Karen DeMaria

From: Nathalia Mellies
Sent: Tuesday, September 13, 2022 10:38 AM
To: Anthony J. Davila; Patti McLauchlin; Shawn D. Smith
Cc: pete@mikeflaughla.com; Bart Smith; Alex Hepler; Karen DeMaria; Katie P. Halloran; Ronald Ramsingh
Subject: RE: [EXTERNAL] Bahama Village Landscaping Authorization
Attachments: 918 Fort Street_Tree Permit Application.pdf; 918 Fort Street_TC Auth.pdf

Good morning AJ,

Attached is the executed application and authorization for Tree Commission. Per the review process determined and approved by staff, this project will go to Tree Commission on October 11, 2022.

Respectfully,

Nathalia A. Mellies
Assistant City Attorney
THE CITY OF KEY WEST
Post Office Box 1409
Key West, FL 33041-1409
(305) 809-3872



Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing. F.S. 668.6076.

From: Anthony J. Davila <aj@smithhawks.com>
Sent: Monday, September 12, 2022 11:24 AM
To: Patti McLauchlin <pmclauchlin@cityofkeywest-fl.gov>; Nathalia Mellies <nathalia.mellies@cityofkeywest-fl.gov>; Shawn D. Smith <sdsmith@cityofkeywest-fl.gov>
Cc: pete@mikeflaughla.com; Bart Smith <bart@smithhawks.com>; Alex Hepler <ahepler@vestcor.com>
Subject: [EXTERNAL] Bahama Village Landscaping Authorization

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

Please see attached landscaping plans and tree permit application materials for the Bahama Village affordable project. If looks good, please sign the tree representation document in 2 spots, with notary, and sign the tree

application in 1 spot to allow our landscape architects Mike Flaugh and/or Pete Anderson to present the plan at Tree Commission meetings.

Please let me and Pete CC'd know of any questions you may have.

Thank you,

Anthony J. Davila - "AJ"

Associate Attorney

AJ@smithhawks.com

SMITH/HAWKS

ATTORNEYS AT LAW

138 SIMONTON STREET, KEY WEST, FLORIDA 33040 U.S.A.

TEL. 305-296-7227 FAX. 305-296-8448 WEB. SMITHHAWKS.COM

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TABLE OF CONTENTS:		LOCATION MAP:		SITE DATA		LEGEND	
L1 - TITLE SHEET							

Michael Flough
LANDSCAPE ARCHITECT

FL REG. #A-0001728
772.419.0024
STUART
HOUTZ.COM/PRO/MICHAEL-FLOUGH WWW.MICHAELFLOUGH.COM

Sheet
L1
Title Sheet

Landscape Plan

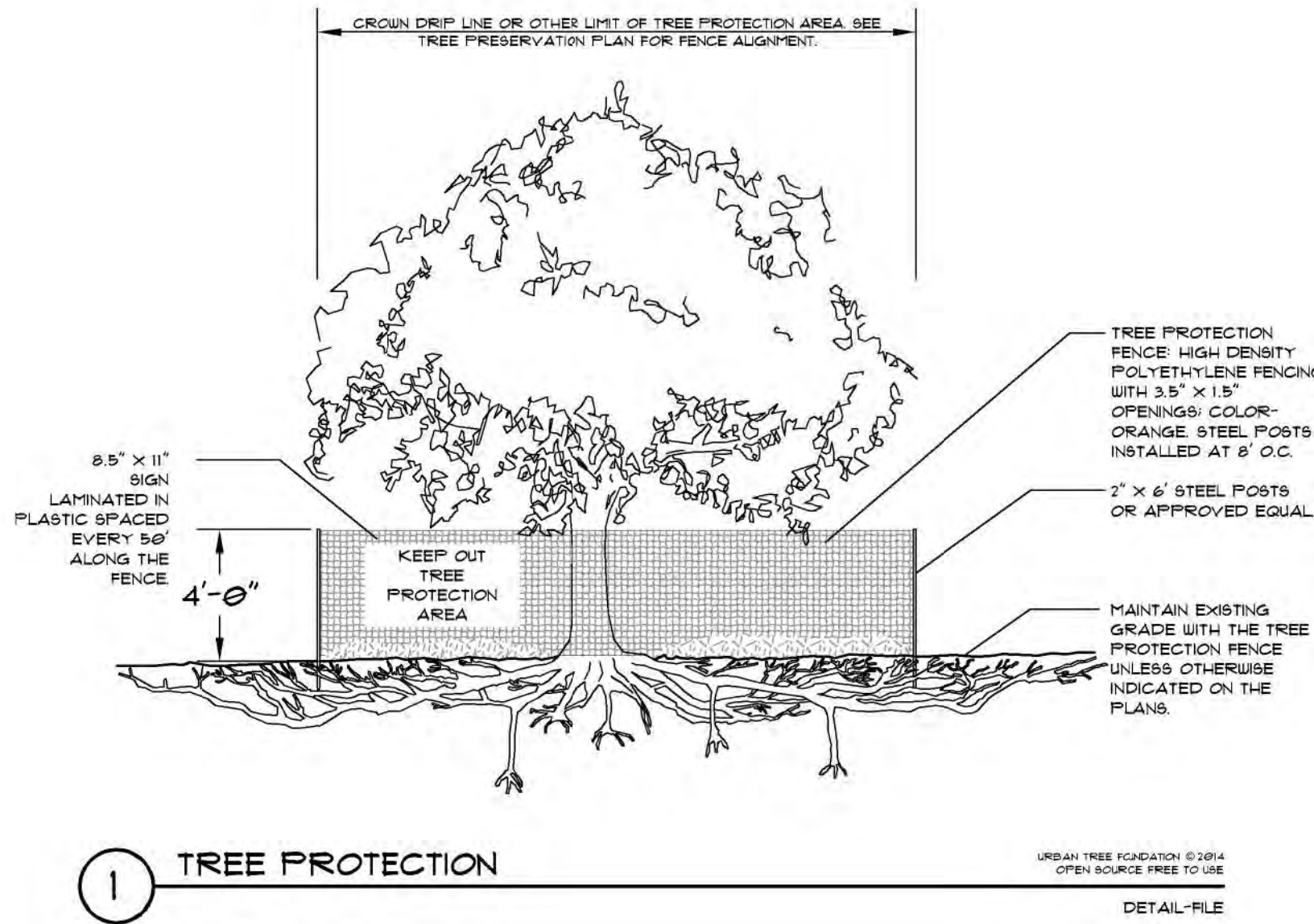
LOFTS AT BAHAMA VILLAGE

Fort Street, Key West, FL 33040

Date: 07/20/2022
Design by: MF,PA
Reviewed by: MF
Revised: 09/06/2022

Please note:
This plan is a professional interpretation of existing and proposed site elements based on multiple sources of information. These sources may include: property survey, architectural plans, aerial imagery, site observations, photographs, and site plans. At times, these supporting documents are inaccurate or approximate at best and on-site adjustments to the design during installation are necessary. It is the contractor's responsibility to verify all measurements and quantities prior to commencing work.

BAHAMA VILLAGE VEGETATION TABLE								
TREE NUMBER	COMMON NAME	SCIENTIFIC NAME	SIZE	ACTION	MITIGATION REQUIRED	REGULATED WORK	REPLACEMENT TREE	NOTES
1	GUMBO LIMBO	BURSERIA SIMARUBA	14"	REMOVE	YES	YES	(4) 4" GUMBO LIMBO	
2	GUMBO LIMBO	BURSERIA SIMARUBA	16"	REMOVE	YES	YES	(4) 4" GUMBO LIMBO	
3	COCONUT PALM	COCOS NUCIFERA	24'	REMOVE	YES	YES	BUCCANEER PALM 6' OVERALL HEIGHT	
4	SABAL PALM	SABAL PALMETTO	36'	REMOVE	YES	YES	BUCCANEER PALM 6' OVERALL HEIGHT	
5	SABAL PALM	SABAL PALMETTO	36'	REMOVE	YES	YES	BUCCANEER PALM 6' OVERALL HEIGHT	
6	SABAL PALM	SABAL PALMETTO	20'	REMOVE	YES	YES	BUCCANEER PALM 6' OVERALL HEIGHT	
7	SABAL PALM	SABAL PALMETTO	18'	REMOVE	YES	YES	BUCCANEER PALM 6' OVERALL HEIGHT	
8	AUTOGRAPH TREE	CLUSIA ROSEA	5"	REMAIN	NO	YES		
9	AUTOGRAPH TREE	CLUSIA ROSEA	5"	REMAIN	NO	YES		
10	AUTOGRAPH TREE	CLUSIA ROSEA	5"	REMAIN	NO	YES		
11	AUTOGRAPH TREE	CLUSIA ROSEA	5"	REMAIN	NO	YES		
12	AUTOGRAPH TREE	CLUSIA ROSEA	5"	RELOCATE	NO	YES		
13	AUTOGRAPH TREE	CLUSIA ROSEA	5"	RELOCATE	NO	YES		
14	AUTOGRAPH TREE	CLUSIA ROSEA	5"	RELOCATE	NO	YES		
15	AUTOGRAPH TREE	CLUSIA ROSEA	5"	RELOCATE	NO	YES		
16	AUTOGRAPH TREE	CLUSIA ROSEA	5"	RELOCATE	NO	YES		
17	AUTOGRAPH TREE	CLUSIA ROSEA	5"	RELOCATE	NO	YES		
18	AUTOGRAPH TREE	CLUSIA ROSEA	5"	RELOCATE	NO	YES		
19	AUTOGRAPH TREE	CLUSIA ROSEA	5"	RELOCATE	NO	YES		
20	AUTOGRAPH TREE	CLUSIA ROSEA	5"	RELOCATE	NO	YES		
21	AUTOGRAPH TREE	CLUSIA ROSEA	5"	REMAIN	NO	YES		
22	SABAL PALM	SABAL PALMETTO	22'	REMOVE	YES	YES	BUCCANEER PALM 6' OVERALL HEIGHT	



IF CONSTRUCTION TRAFFIC WILL BE TRAVELING OVER THE CRITICAL ROOT ZONES OF THE EXISTING TREES THEN 6" OF MULCH IS TO BE ADDED TO THE CRITICAL ROOT ZONE BEFORE CONSTRUCTION STARTS.

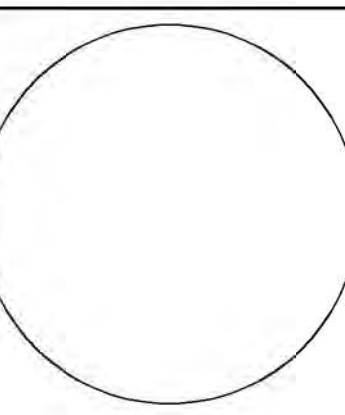
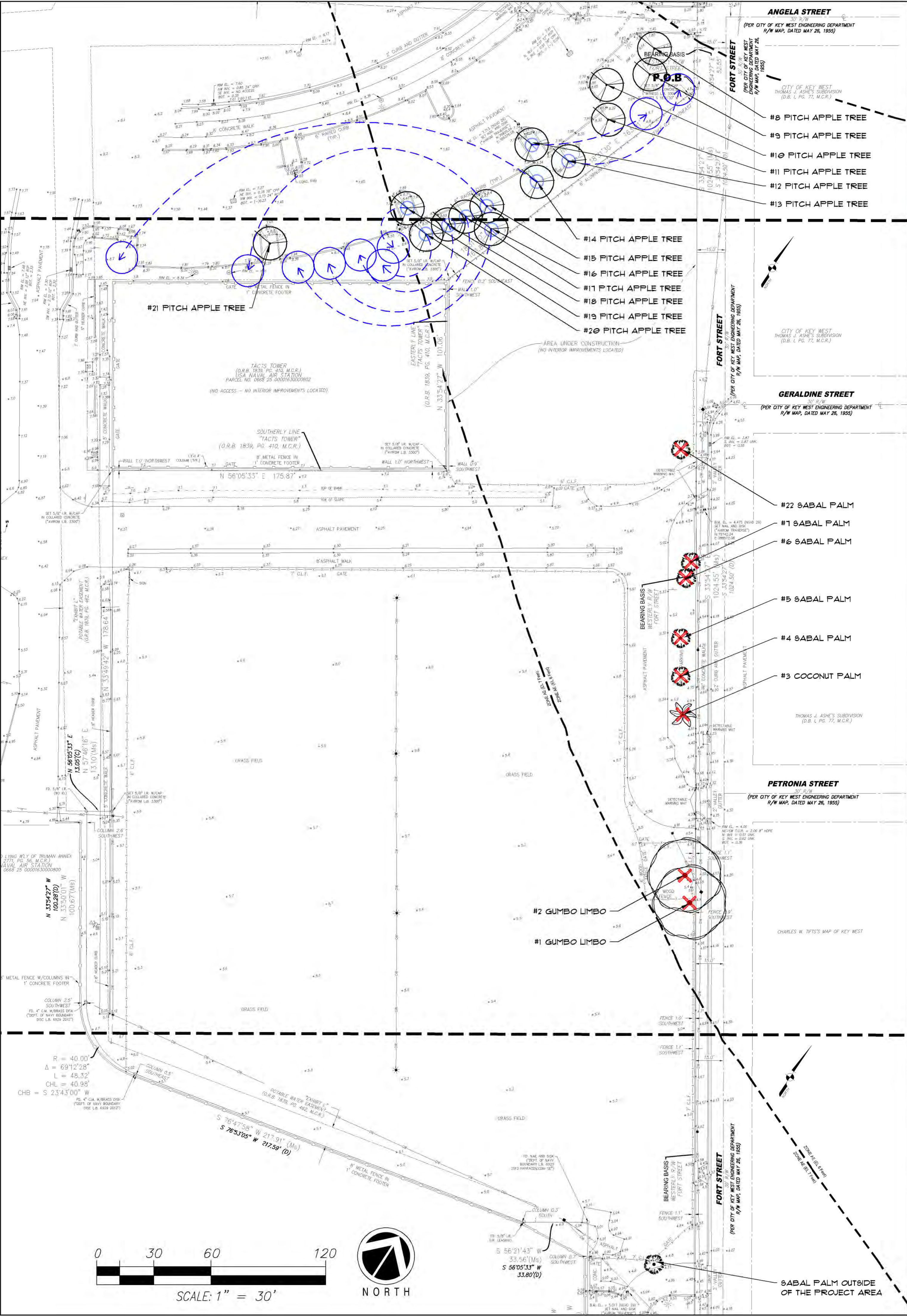
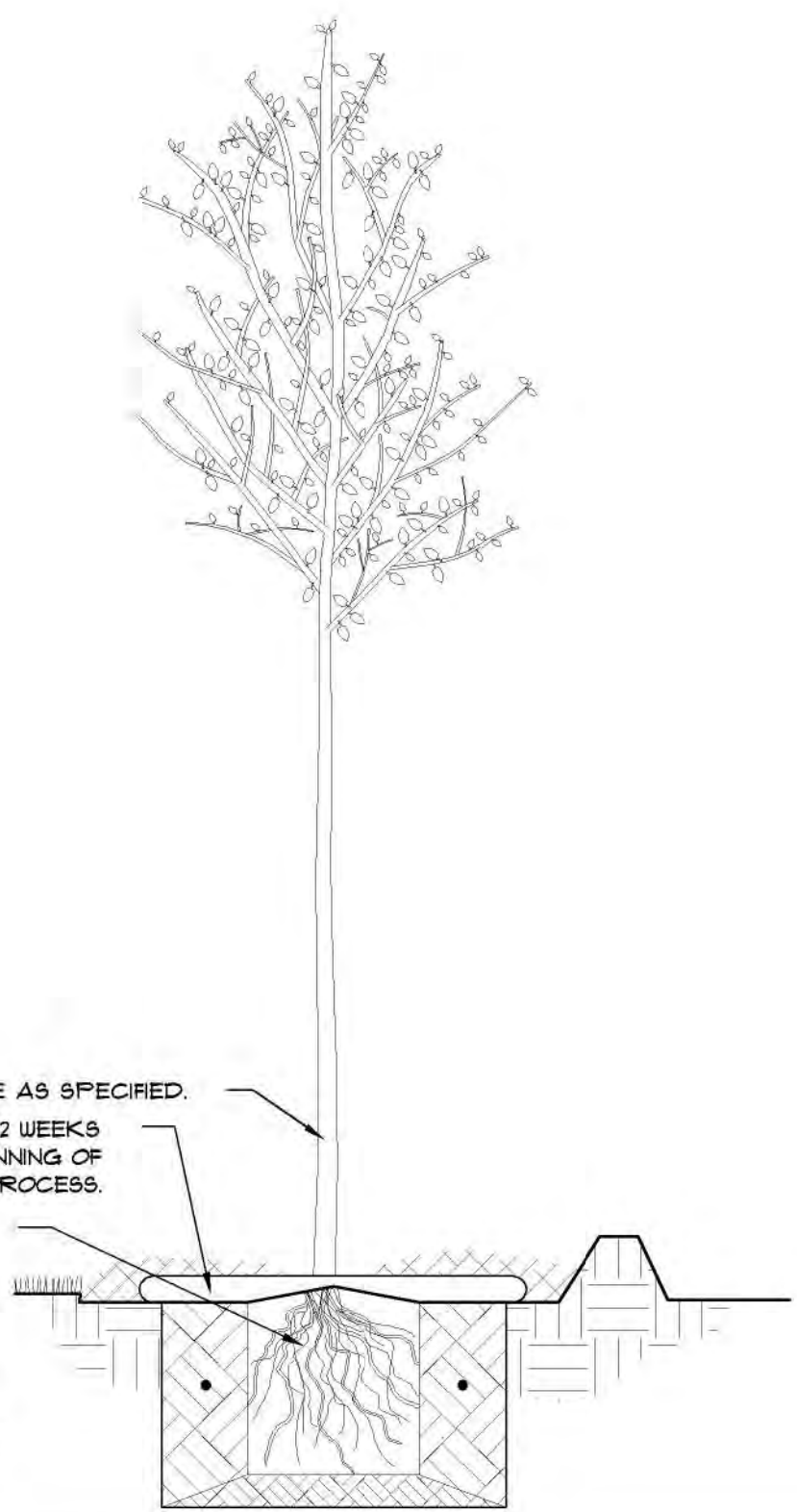
NOTE:
1. ALLOW 3 MONTHS FOR THE ROOT-PRUNING PROCESS OF A LARGE TREE BEFORE RELOCATING IT.
2. IF THE RELOCATION IS SCHEDULED DURING DRY OR ACTIVE GROWING SEASON, THE TREE SHALL BE WATERED DAILY DURING THE ROOT PRUNING PROCESS.
3. THE TIME OF THE RELOCATION SHALL BE 90 DAYS AFTER THE START OF THE ROOT PRUNING PROCESS. THEN, THE ROOT BALL SHALL BE CUT BEYOND THE ROOT PRUNING CUT TO INCLUDE ALL NEW FEEDER ROOTS.
4. AFTER RELOCATION, THE TREE SHALL BE THOROUGHLY WATERED DAILY FOR THE FIRST TWO WEEKS, AND THREE TIMES PER WEEK FOR THE FOLLOWING TWO MONTHS.

2 TREE RELOCATION

NOT TO SCALE

TREE AS SPECIFIED.
IRRIGATE REGULARLY FOR 2 WEEKS PRIOR TO THE BEGINNING OF THE ROOT PRUNING PROCESS.

STANDARD PRUNING PROCESS:
1/3 OF THE ROOT BALL SHALL BE CUT AS SOON AS THE CONTRACT HAS BEEN AWARDED;
THE NEXT 1/3 SHALL BE CUT 30 DAYS AFTER THE PROCESS STARTED;
THE LAST 1/3 SHALL BE CUT 60 DAYS AFTER THE PROCESS STARTED.





 Michael Flough
LANDSCAPE ARCHITECT

FL Reg. #LA0001728
772.419.0024
Stuart
Houzz.com/pro/Michael-Flough www.MikeFloughLA.com

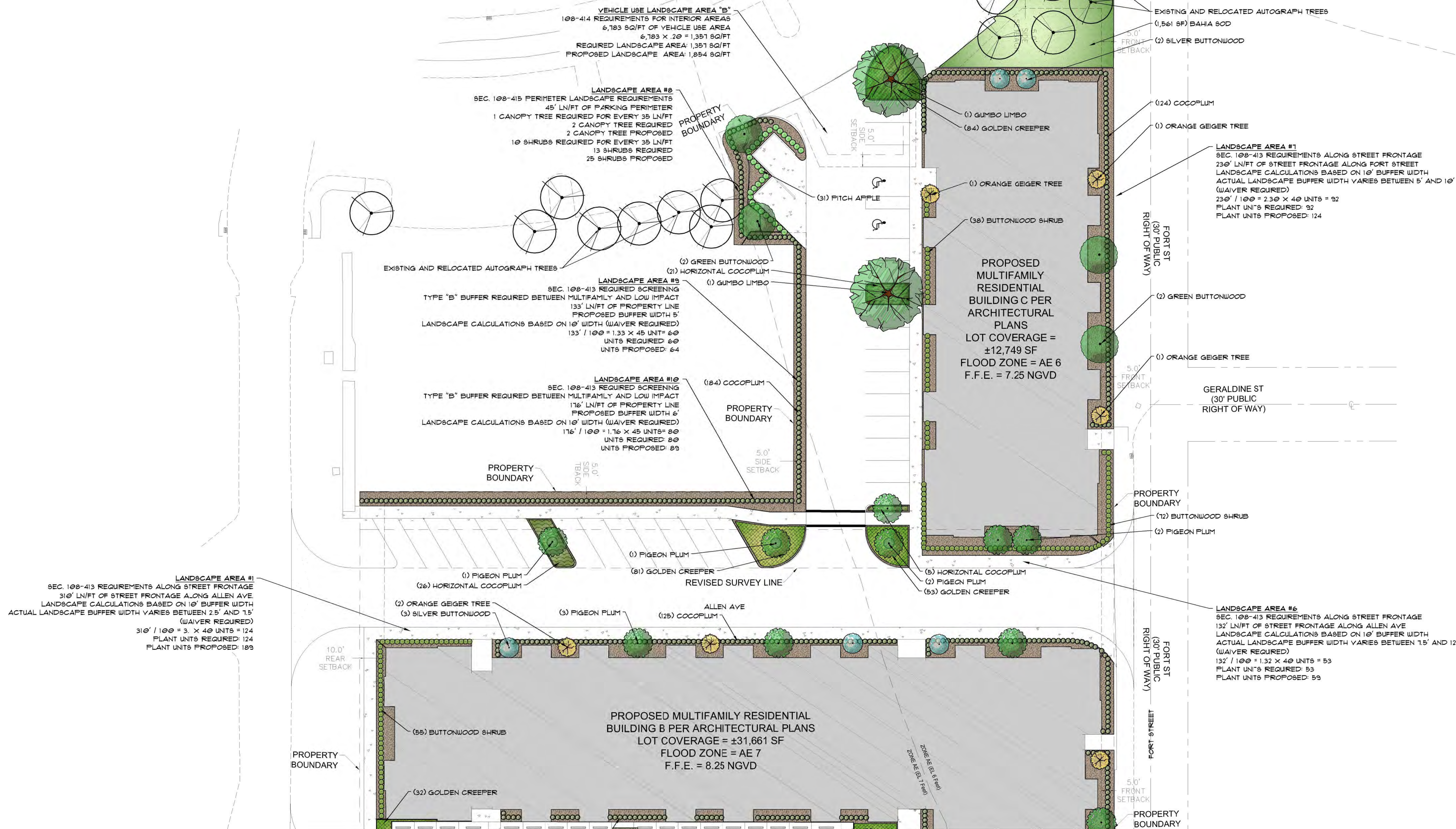
Sheet
L4
Planting Plan

Landscape Plan
LOFTS AT BAHAMA VILLAGE
Fort Street, Key West, FL 33040

Fort Street, Key West, FL 33040

Please note:
This land can









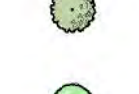








Date: 07/20/2022
Design by: MF,PA
Reviewed by: MF
Revised: 09/06/2022



SITE INFORMATION			
PROJECT AREA: 131,952 SQ/FT			
	REGULATION	REQUIRED	PROPOSED
LANDSCAPE AREA	20% MIN	21,591 SQ/FT (20%)	23,131 SQ/FT (16.8%)

A WAIVER IS REQUIRED FOR THE PROPOSED LANDSCAPE AREA

PLANT SCHEDULE OVERALL PROJECT

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	5	BURSERA SIMARUBA	GUMBO LIMBO	25 GAL	3" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
	29	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
	16	CONOCARPUS ERECTUS 'GREEN'	GREEN BUTTONWOOD	25 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
MITIGATION TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	8	BURSERA SIMARUBA	GUMBO LIMBO (M)	45 GAL	4" CAL	14' OA HT., 6' CT.	NATIVE	10 PLANT UNITS
	6	PSEUDOPHOENIX SARGENTII NATIVE	BUCCANEER PALM (M)	25 GAL		6' OA HT.		
ORNAMENTAL TREE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	1	CANELLA WINTERANA	CINNAMON BARK	65 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT UNITS
	1	CONOCARPUS ERECTUS SERICEUS	SILVER BUTTONWOOD	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT UNITS
	10	CORDIA SEBESTENA	ORANGE GEIGER TREE	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT CREDITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	665	CHRYSOBALANUS ICACO 'RED-TIP'	COCOPLUM	3 GAL	24" OC	24" HT., FULL	NATIVE	1 PLANT UNIT
	50	CLUSIA ROSEA	PITCH APPLE	1 GAL	36" O.C.	36" HT., FULL		
	516	CONOCARPUS ERECTUS	BUTTONWOOD SHRUB	3 GAL	24" OC	18" HT. FULL	NATIVE	1 PLANT UNIT
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	249	CHRYSOBALANUS ICACO 'HORIZONTALIS'	HORIZONTAL COCOPLUM	3 GAL	30" O.C.	8" X 12"	NATIVE	
	1,034	ERNODEA LITTORALIS	GOLDEN CREEPER	1 GAL	24" O.C.	4" X 8"	NATIVE	
	69	SPARTINA BAKERI	SAND CORD GRASS	1 GAL	4" O.C.	28" HT., FULL	NATIVE	
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	10,543 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		
	11,033 SF	HARDWOOD, NON-CYPRESS (VEHICLE USE AREA) MULCH AT NON REQUIRED PLANTINGS	MULCH (VIA)	S.F.	AS NEEDED	4" LAYER		
	1,561 SF	PASPALUM NOTATUM 'ARGENTINE' WEED FREE, TIGHTLY FITTED, STAGGERED JOINTS	BAHIA SOD	SOD			DROUGHT TOLERANT	



GUMBO LIMBO



PIGEON PLUM



GREEN BUTTONWOOD TREE



CINNAMON BARK



SILVER BUTTONWOOD



BUCCANEER PALM



ORANGE GEIGER



RED TIP COCOPLUM



PITCH APPLE CLUSIA



GREEN BUTTONWOOD



HORIZONTAL COCOPLUM



GOLDEN CREEPER






SAND CORDGRASS





PLANT SCHEDULE LANDSCAPE AREA 1

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	3	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
ORNAMENTAL TREE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	3	CONOCARPUS ERECTUS SERICEUS	SILVER BUTTONWOOD	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT UNITS
	2	CORDIA SEBESTENA	ORANGE GEIGER TREE	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT CREDITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	125	CHRYSOBALANUS ICACO 'RED-TIP'	COCOPLUM	3 GAL	24" OC	24" HT., FULL	NATIVE	1 PLANT UNIT
	19	CONOCARPUS ERECTUS	BUTTONWOOD SHRUB	3 GAL	24" OC	18" HT. FULL	NATIVE	1 PLANT UNIT
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	1,296 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		

PLANT SCHEDULE LANDSCAPE AREA 2

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	3	CONOCARPUS ERECTUS 'GREEN'	GREEN BUTTONWOOD	25 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	91	CONOCARPUS ERECTUS	BUTTONWOOD SHRUB	3 GAL	24" OC	18" HT. FULL	NATIVE	1 PLANT UNIT
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	616 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		








PLANT SCHEDULE LANDSCAPE AREA 3

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	6	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
MITIGATION TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	4	BURSERA SIMARUBA	GUMBO LIMBO (M)	45 GAL	4" CAL	14' OA HT., 6' CT.	NATIVE	10 PLANT UNITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	121	CONOCARPUS ERECTUS	BUTTONWOOD SHRUB	3 GAL	24" OC	18" HT. FULL	NATIVE	1 PLANT UNIT
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	1,079 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		




PLANT SCHEDULE LANDSCAPE AREA 4

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	3	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
MITIGATION TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	1	BURSERA SIMARUBA	GUMBO LIMBO (M)	45 GAL	4" CAL	14' OA HT., 6' CT.	NATIVE	10 PLANT UNITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	41	CONOCARPUS ERECTUS	BUTTONWOOD SHRUB	3 GAL	24" OC	18" HT. FULL	NATIVE	1 PLANT UNIT
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	512 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		






PLANT SCHEDULE LANDSCAPE AREA 5

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	3	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
	2	CONOCARPUS ERECTUS 'GREEN'	GREEN BUTTONWOOD	25 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
ORNAMENTAL TREE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	1	CANELLA WINTERANA	CINNAMON BARK	65 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT UNITS
	3	CORDIA SEBESTENA	ORANGE GEIGER TREE	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT CREDITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	115	CHRYSOBALANUS ICACO 'RED-TIP'	COCOPLUM	3 GAL	24" OC	24" HT., FULL	NATIVE	1 PLANT UNIT
	23	CONOCARPUS ERECTUS	BUTTONWOOD SHRUB	3 GAL	24" OC	18" HT. FULL	NATIVE	1 PLANT UNIT
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	2,071 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		




PLANT SCHEDULE LANDSCAPE AREA 6

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	2	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	39	CONOCARPUS ERECTUS	BUTTONWOOD SHRUB	3 GAL	24" OC	18" HT. FULL	NATIVE	1 PLANT UNIT
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	622 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		




PLANT SCHEDULE LANDSCAPE AREA 1

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	2	CONOCARPUS ERECTUS 'GREEN'	GREEN BUTTONWOOD	25 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
ORNAMENTAL TREE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	2	CORDIA SEBESTENA	ORANGE GEIGER TREE	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT CREDITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	11	CHRYSOBALANUS ICACO 'RED-TIP'	COCOPLUM	3 GAL	24" OC	24" HT., FULL	NATIVE	1 PLANT UNIT
	21	CONOCARPUS ERECTUS	BUTTONWOOD SHRUB	3 GAL	24" OC	18" HT. FULL	NATIVE	1 PLANT UNIT
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	1,404 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		



PLANT SCHEDULE LANDSCAPE AREA 8

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	2	CONOCARPUS ERECTUS 'GREEN'	GREEN BUTTONWOOD	25 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	25	CHRYSOBALANUS ICACO 'RED-TIP'	COCOPLUM	3 GAL	24" OC	24" HT., FULL	NATIVE	1 PLANT UNIT
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	350 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		















PLANT SCHEDULE LANDSCAPE AREA 9

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	64	CHRYSOBALANUS ICACO 'RED-TIP'	COCOPLUM	3 GAL	24" OC	24" HT., FULL	NATIVE	1 PLANT UNIT
	1	CLUSIA ROSEA	PITCH APPLE	1 GAL	36" O.C.	36" HT., FULL		
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	638 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		











PLANT SCHEDULE LANDSCAPE AREA 10

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	89	CHRYSOBALANUS ICACO 'RED-TIP'	COCOPLUM	3 GAL	24" OC	24" HT., FULL	NATIVE	1 PLANT UNIT
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	1,046 SF	HARDWOOD, NON-CYPRESS MULCH AT NON REQUIRED PLANTINGS	MULCH	S.F.	AS NEEDED	4" LAYER		

PLANT SCHEDULE VEHICLE USE LANDSCAPE AREA "A"

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	3	BURSERA SIMARUBA	GUMBO LIMBO	25 GAL	3" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
	8	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
	1	CONOCARPUS ERECTUS 'GREEN'	GREEN BUTTONWOOD	25 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
MITIGATION TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	3	BURSERA SIMARUBA	GUMBO LIMBO (M)	45 GAL	4" CAL	14' OA HT., 6' CT.	NATIVE	10 PLANT UNITS
	6	PSEUDOPHOENIX SARGENTII NATIVE	BUCCANEER PALM (M)	25 GAL		6' OA HT.		
ORNAMENTAL TREE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	2	CONOCARPUS ERECTUS SERICEUS	SILVER BUTTONWOOD	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT UNITS
	2	CORDIA SEBESTENA	ORANGE GEIGER TREE	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT CREDITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	111	CHRYSOBALANUS ICACO 'RED-TIP'	COCOPLUM	3 GAL	24" OC	24" HT., FULL	NATIVE	1 PLANT UNIT
	18	CLUSIA ROSEA	PITCH APPLE	1 GAL	36" O.C.	36" HT., FULL		
	159	CONOCARPUS ERECTUS	BUTTONWOOD SHRUB	3 GAL	24" OC	18" HT. FULL	NATIVE	1 PLANT UNIT
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	191	CHRYSOBALANUS ICACO 'HORIZONTALIS'	HORIZONTAL COCOPLUM	3 GAL	30" O.C.	8"x12"	NATIVE	
	816	ERNODEA LITTORALIS	GOLDEN CREEPER	1 GAL	24" O.C.	4"x8"	NATIVE	
	69	SPARTINA BAKERI	SAND CORD GRASS	1 GAL	4' O.C.	28" HT., FULL	NATIVE	
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	9,180 SF	HARDWOOD, NON-CYPRESS (VEHICLE USE AREA) MULCH AT NON REQUIRED PLANTINGS	MULCH (VUA)	S.F.	AS NEEDED	4" LAYER		

PLANT SCHEDULE VEHICLE USE LANDSCAPE AREA "B"

CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	2	BURSERA SIMARUBA	GUMBO LIMBO	25 GAL	3" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
	2	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
	1	CONOCARPUS ERECTUS 'GREEN'	GREEN BUTTONWOOD	25 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	10 PLANT UNITS
ORNAMENTAL TREE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	1	CORDIA SEBESTENA	ORANGE GEIGER TREE	45 GAL	2" CAL	12' OA HT., 6' CT	NATIVE	3 PLANT CREDITS
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	30	CHRYSOBALANUS ICACO 'RED-TIP'	COCOPLUM	3 GAL	24" OC	24" HT., FULL	NATIVE	1 PLANT UNIT
	30	CLUSIA ROSEA	PITCH APPLE	1 GAL	36" O.C.	36" HT., FULL		
	50	CONOCARPUS ERECTUS	BUTTONWOOD SHRUB	3 GAL	24" OC	18" HT. FULL	NATIVE	1 PLANT UNIT
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	26	CHRYSOBALANUS ICACO 'HORIZONTALIS'	HORIZONTAL COCOPLUM	3 GAL	30" O.C.	8"x12"	NATIVE	
	131	ERNODEA LITTORALIS	GOLDEN CREEPER	1 GAL	24" O.C.	4"x8"	NATIVE	
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	1,853 SF	HARDWOOD, NON-CYPRESS (VEHICLE USE AREA) MULCH AT NON REQUIRED PLANTINGS	MULCH (VUA)	S.F.	AS NEEDED	4" LAYER		

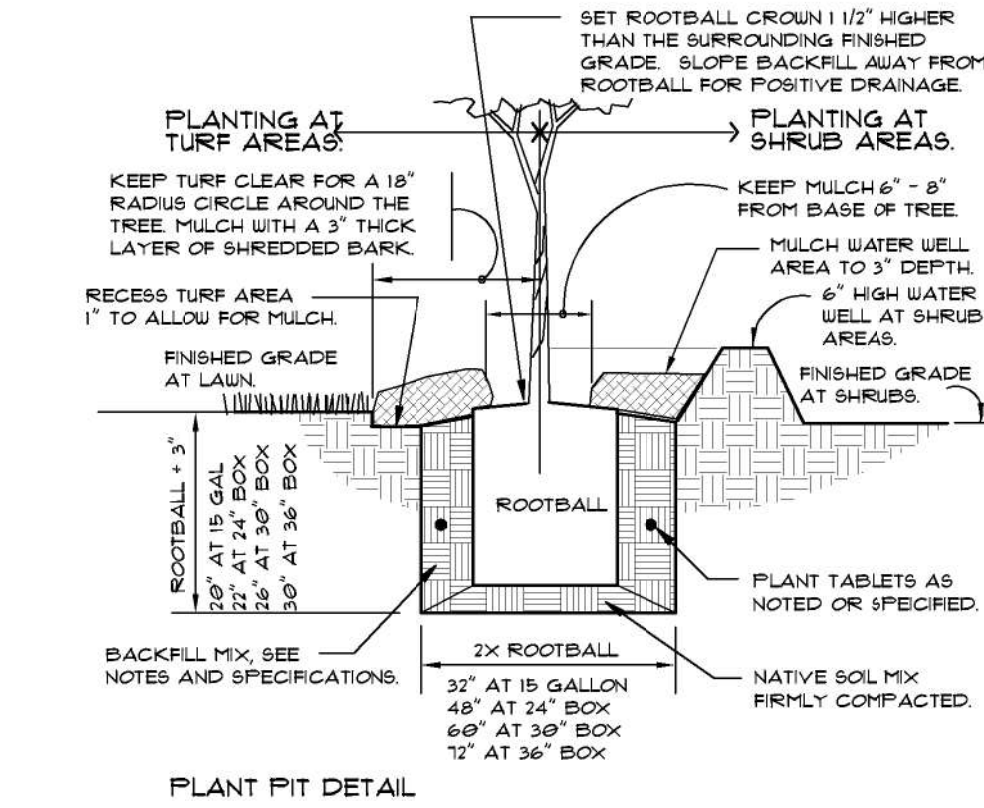
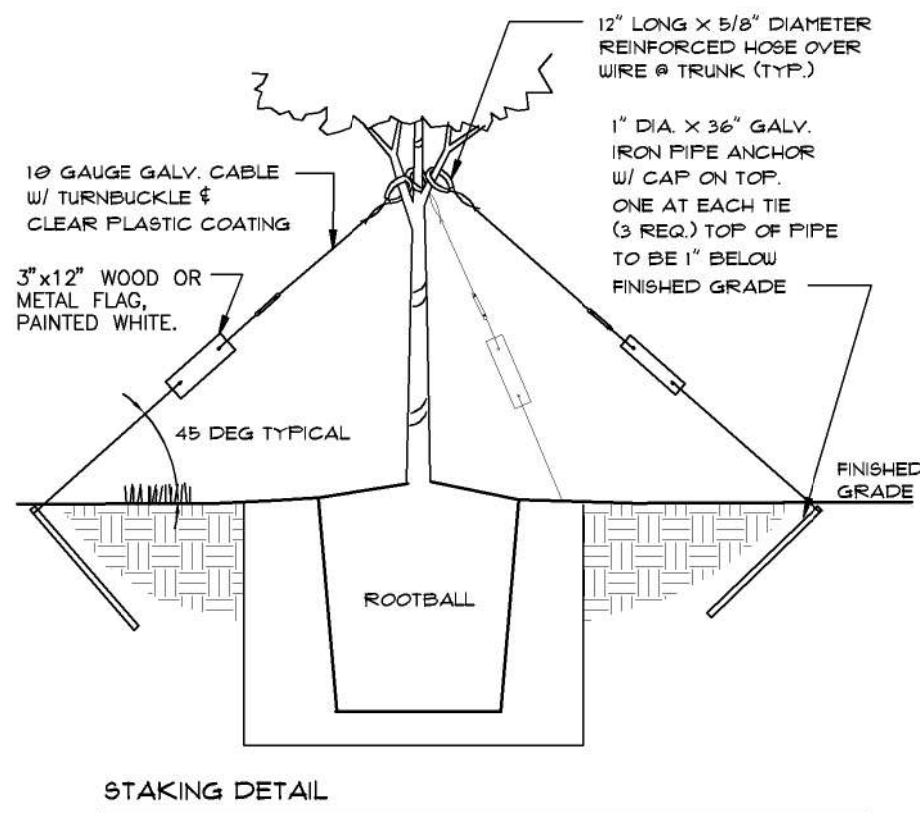
LANDSCAPE INSTALLATION NOTES:

1. THE LANDSCAPE CONTRACTOR SHALL DESIGNATE AN ENGLISH SPEAKING, SKILLED CREW FOREMAN FOR THE PROJECT, WHO WILL BE AVAILABLE AND ACCESSIBLE FOR THE DURATION OF THE LANDSCAPE INSTALLATION.
2. ALL SPECIFICATIONS MUST BE SATISFIED. IF THERE IS A PROBLEM LOCATING A MATERIAL WITH GIVEN SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT BY EMAIL PRIOR TO INSTALLATION. AT THE DISCRETION OF THE LANDSCAPE ARCHITECT, A SUBSTITUTION MAY BE MADE.
3. LANDSCAPE CONTRACTOR IS RESPONSIBLE TO REVIEW AND RECONCILE PLAN WITH LANDSCAPE MATERIALS LIST, AND ANALYZE SITE CONDITIONS AND ACCESS PRIOR TO SUBMITTING A PROPOSAL.
4. LANDSCAPE CONTRACTOR MUST PROVIDE EVIDENCE OF WORKMAN'S COMPENSATION AND LIABILITY INSURANCE IN PROPOSAL PACKAGE.
5. THE LANDSCAPE CONTRACTOR SHALL COMPLY WITH ALL LOCAL AND STATE LAWS, CODES AND ORDINANCES.
6. ALL PLANT MATERIAL FURNISHED BY THE LANDSCAPE CONTRACTOR SHALL BE FLORIDA #1 OR BETTER (GRADES AND STANDARDS FOR NURSERY PLANTS, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, LATEST EDITION), UNLESS OTHERWISE NOTED ON THE LANDSCAPE MATERIALS LIST. AS MANY SPECIES TOLERATE BOTH SUNNY AND SHADY GROWING CONDITIONS, THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL PLANT MATERIAL GROWN IN SIMILAR CONDITIONS TO THE SITE.

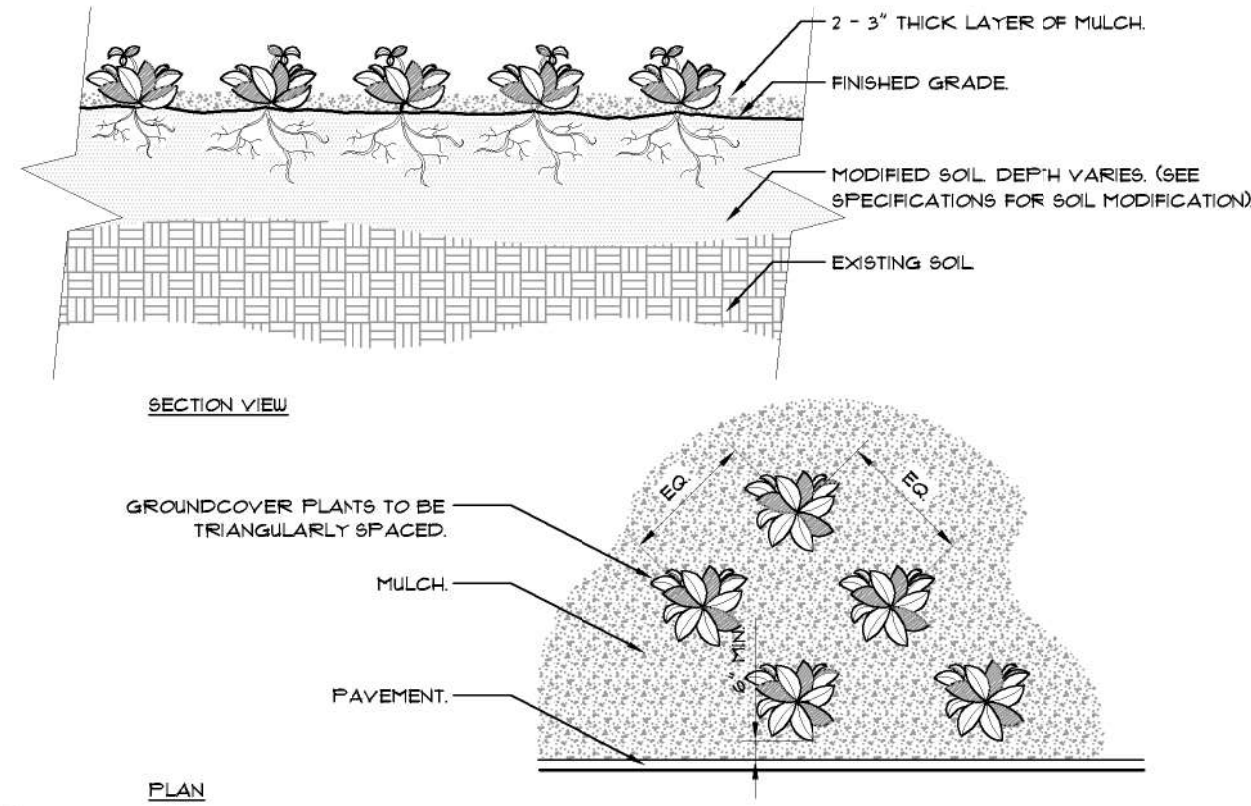
1. THE LANDSCAPE CONTRACTOR SHALL COMPLETE ALL WORK ACCORDING TO THE FLORIDA GREEN INDUSTRIES BEST MANAGEMENT PRACTICES.
8. THE LANDSCAPE CONTRACTOR MUST SPECIFY START AND COMPLETION DATES, IF AWARDED THE PROJECT.
9. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK.
10. ALL PLANTING AREAS SHALL BE PREPARED BY REMOVING ALL DEBRIS, INCLUDING ASPHALT, CONCRETE, OR SIMILAR MATERIALS NOT SUITED FOR LANDSCAPE PLANTING.
11. PLANTING SOIL SHALL BE CLEAN OF ROCKS, STICKS, ROOTS AND WEEDS, AND SHALL BE WELL-DRAINING.
12. ALL LANDSCAPED AREAS SHALL BE FINISH GRADED SUCH THAT FINISHED ELEVATION WILL BE FLUSH AND LEVEL WITH SURROUNDING PAVED SURFACES. THE FINISHED GRADE AFTER PLANTING AND MULCHING SHALL NOT IMPEDE THE FLOW OF DRAINAGE INTO LANDSCAPED AREAS AND TO PREVENT THE BACKWASH OF MULCH AND DEBRIS INTO PAVED AREAS.
13. ALL PLANTING BEDS MUST DRAIN SUFFICIENTLY PRIOR TO PLANTING. IF EXISTING SOIL IS NOT ADEQUATE FOR ESTABLISHMENT OF PLANT MATERIALS DUE TO POOR DRAINAGE OR CHEMICAL PROPERTIES, SOIL AMENDMENTS SHALL BE ADDED PRIOR TO PLANTING.
14. PLANTS SHALL NOT BE PLACED TOO CLOSE TO ONE ANOTHER OR ANY HARDSCAPES. SEE LANDSCAPE MATERIALS LIST AND PLANTING DETAILS FOR SPACING AND PLACEMENT OF ALL PLANTS. A MULCH STRIP SHALL BE LEFT BETWEEN THE PLANTINGS AND WALLS, EDGE OF SOD, DRIVEWAY OR WALKWAYS. ALL PLANTS SHALL BE PLACED OUTSIDE THE EAVES OF THE ROOF, UNLESS OTHERWISE INDICATED ON THE LANDSCAPE PLAN.

15. ALL PLANTS TO BE RELOCATED SHALL BE PROPERLY ROOT PRUNED 6 TO 10 WEEKS PRIOR TO RELOCATION.
16. ALL NEW LANDSCAPE PLANTS SHALL BE PLANTED SLIGHTLY HIGHER THAN THE EXISTING GRADE LEAVING TOP OF THE ROOT BALL EXPOSED.
17. ALL PLANT MATERIALS SHALL BE THOROUGHLY WATERED IN AT THE TIME OF PLANTING.
18. 3" LAYER OF ORGANIC MULCH SHALL BE LAID IN ALL LANDSCAPE BEDS. NO MULCH SHALL BE LAID NEAR TREE TRUNKS. NO MULCH SHALL BE LAID ON TOP OF CITRUS TREE ROOT BALLS.
19. NEWLY PLANTED TREES SHALL BE STAKED ONLY IF THE ROOT BALL MOVES IN THE WIND OR THE TREES ARE LOCATED IN AN AREA OF WINDY CONDITIONS. ALL PALMS SHALL BE STAKED. ALL WOOD BRACES AND BRACE FRAMES SHALL BE STAINED DARK BROWN. NO NAILS SHALL BE DRIVEN INTO ANY PALM OR TREE.

20. PLANTING PLAN TAKES PRECEDENCE OVER PLANT LIST.
21. THE LANDSCAPE BID SHALL INCLUDE IRRIGATION ON A SEPARATE CONTRACT, EXPRESSED AS A LINE-ITEM PROPOSAL.
22. ALL LANDSCAPE AREAS SHALL BE IRRIGATED WITH FULLY AUTOMATIC IRRIGATION SYSTEM. THE IRRIGATION CONTRACTOR SHALL PROVIDE 100% COVERAGE IN ALL IRRIGATED PLANTING AREAS. THE IRRIGATION SYSTEM SHALL BE DESIGNED ACCORDING TO ACCEPTED IRRIGATION STANDARDS USING WATER CONSERVATION PRINCIPLES WITH LOW-VOLUME IRRIGATION SYSTEM. THE SYSTEM SHALL ACCOMMODATE EASY ADJUSTMENTS FOR SEASONAL IRRIGATION NEED CHANGES OR LOCAL WATERING RESTRICTIONS.
23. ALL SOD AND SHRUB AREAS SHALL BE IRRIGATED ON SEPARATE ZONES, WHENEVER POSSIBLE. PLANTING AREAS WITH DIFFERENT WATERING NEEDS SHALL BE PLACED ON SEPARATE ZONES.
24. ALL SHRUB AND GROUND COVER AREAS SHALL BE IRRIGATED WITH DRIP LINE OR MIST HEADS; TREES AND PALMS SHALL HAVE BUBBLERS. ALL HEADS IN A GIVEN ZONE MUST HAVE THE SAME PRECIPITATION RATE.
25. SPRAY HEADS SHALL BE PLACED AND ADJUSTED TO MINIMIZE OVER-SPRAY ON PAVED AREAS, ROADWAYS AND CURBING. NO OVER-SPRAY ON BUILDINGS IS ACCEPTABLE.
26. THE CONTRACTOR(S) SHALL KEEP ALL WORK AREAS NEAT AND TIDY ON A DAILY BASIS. AT COMPLETION OF THE INSTALLATION, THE CONTRACTOR SHALL REMOVE FROM THE PROPERTY ALL TEMPORARY STRUCTURES AND GARBAGE AT HIS/HER OWN EXPENSE.
27. THE CONTRACTOR(S) SHALL KEEP ALL PLANTS WATERED, FERTILIZED, MULCHED, PRUNED, STAKED AND GUYED AS NECESSARY TO ASSURE SPECIFIED MINIMUM GRADE OF FLORIDA #1 THROUGHOUT THE DURATION OF THE PROJECT CONSTRUCTION PERIOD. PLANTING BEDS SHALL BE KEPT FREE OF LITTER AND UNDESIRABLE VEGETATION. THE CONTRACTOR(S) IS RESPONSIBLE FOR KEEPING ALL THE PLANT MATERIAL HEALTHY, VIGOROUS, AND UNDAMAGED THROUGHOUT THE DURATION OF THE PROJECT CONSTRUCTION PERIOD.
28. THE FINAL PAYMENT IS MADE UPON COMPLETION OF PROJECT AND EXECUTION OF LIEN RELEASE AFFIDAVIT.
29. ALL SHRUBS AND GROUND COVERS SHALL BE WARRANTIED FOR 90 DAYS; ALL TREES AND PALMS SHALL BE WARRANTIED FOR 1 YEAR FROM THE DATE OF FINAL ACCEPTANCE AND PAYMENT.



1 TREE GUY WIRE PLANTING
NOT TO SCALE
FX-PL-FX-TREE-11



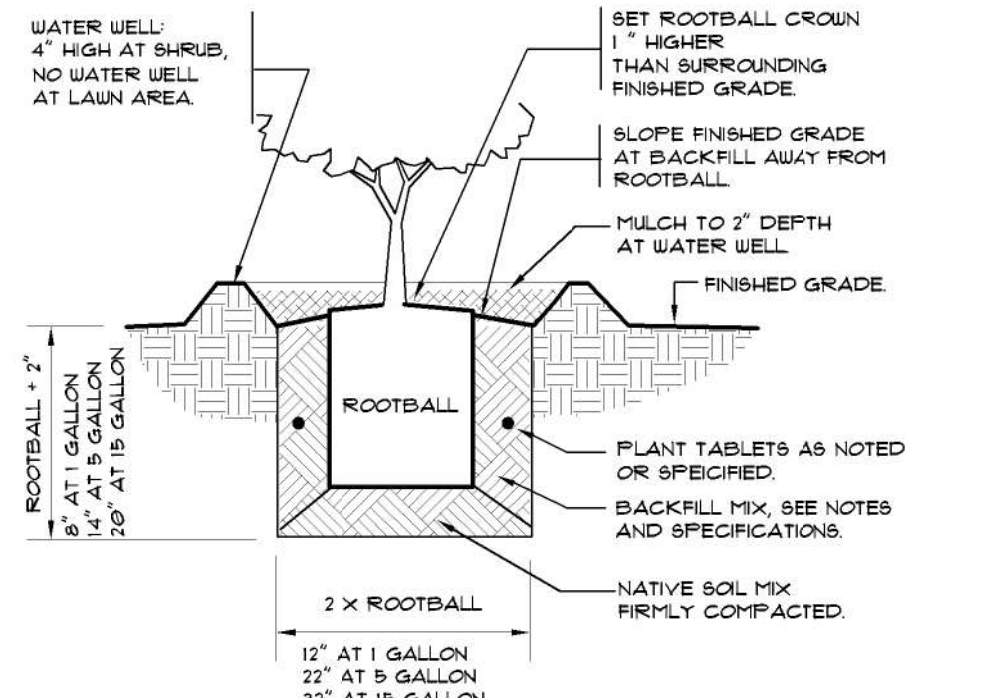
NOTES:
1- SEE PLANTING LEGEND FOR GROUNDCOVER SPECIES, SIZE, AND SPACING DIMENSION.
2- SHALL HAVE ROOTS 1/2" (OR LESS) THAT GROW AROUND, UP, OR DOWN THE ROOT BALL PERIMETRY ARE CONSIDERED A NORMAL CONDITION IN CONTAINER PRODUCTION AND ARE ACCEPTABLE HOWEVER THEY SHOULD BE ELIMINATED AT THE TIME OF PLANTING. ROOTS ON THE PERIMETRY CAN BE REMOVED AT THE TIME OF PLANTING. (SEE ROOT BALL SHAVING CONTAINER DETAIL).
3- SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING.

4 GROUND COVER
NOT TO SCALE
FX-PL-FX-GROUND-01

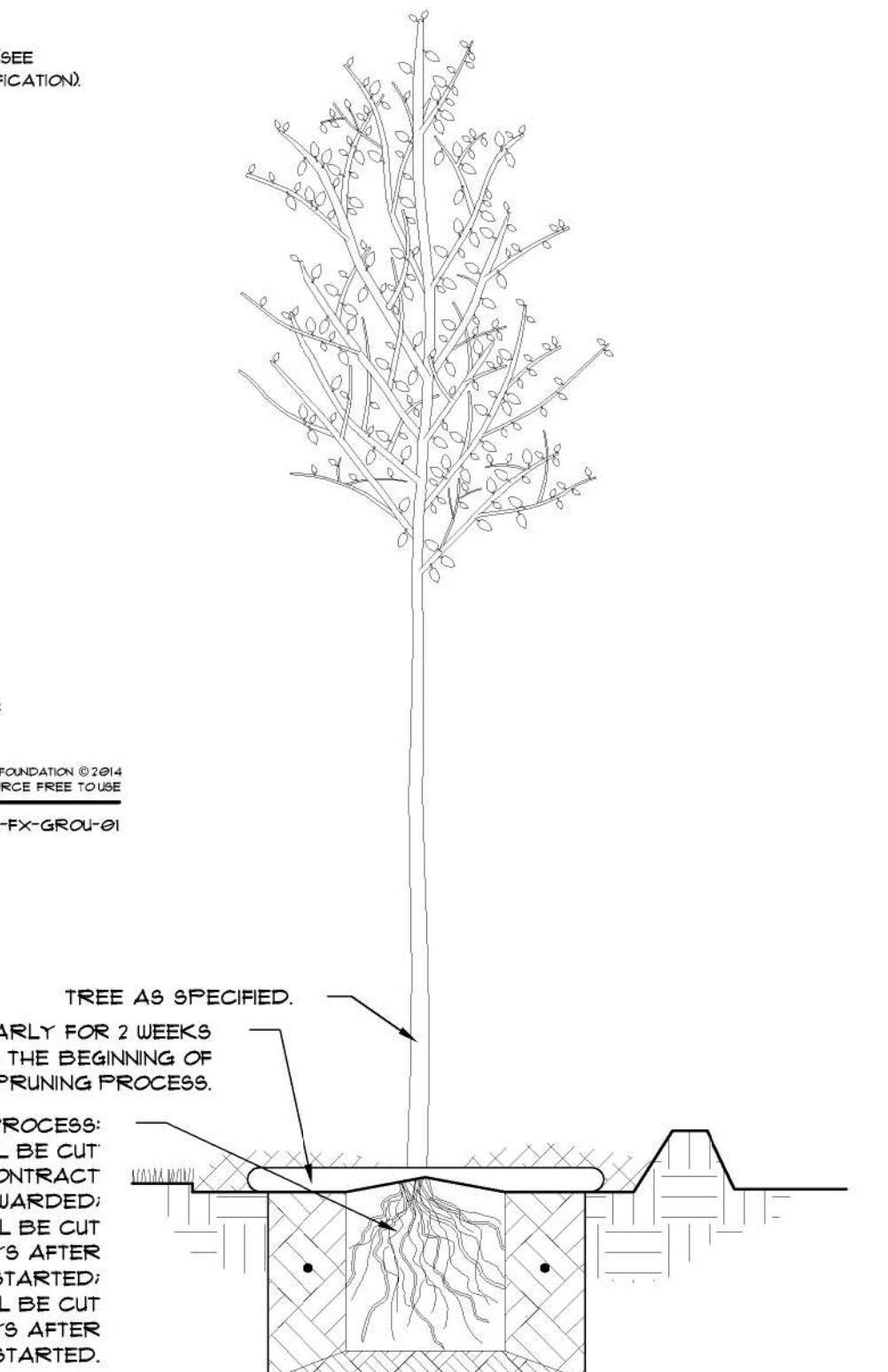
NOTE:
1. ALLOW 3 MONTHS FOR THE ROOT-PRUNING PROCESS OF A LARGE TREE BEFORE RELOCATING IT.
2. IF THE RELOCATION IS SCHEDULED DURING DRY OR ACTIVE GROWING SEASON, THE TREE SHALL BE WATERED DAILY DURING THE ROOT PRUNING PROCESS.
3. THE TIME OF THE RELOCATION SHALL BE 90 DAYS AFTER THE START OF THE ROOT PRUNING PROCESS. THEN, THE ROOT BALL SHALL BE CUT BEYOND THE ROOT PRUNING CUT TO INCLUDE ALL NEW FEEDER ROOTS.
4. AFTER RELOCATION, THE TREE SHALL BE THOROUGHLY WATERED DAILY FOR THE FIRST TWO WEEKS, AND THREE TIMES PER WEEK FOR THE FOLLOWING TWO MONTHS.

5 TREE RELOCATION
NOT TO SCALE

2 PALM TREE PLANTING
NOT TO SCALE
FX-PL-FX-TREE-15



3 SHRUB PLANTING
NOT TO SCALE
FX-PL-FX-SHRUB-01



LANDSCAPE MAINTENANCE GUIDELINES:

1. LAWN CARE:
1.1. MAINTAIN ST. AUGUSTINE LAWN AT 3" HEIGHT. LEAVE LAWN CLIPPINGS ON THE LAWN.
1.2. FERTILIZE IN FEBRUARY, MAY AND OCTOBER. APPLY PRE-EMERGENT WEED KILLER IN EARLY SPRING AND FALL.
1.3. PRACTICE INTEGRATED PEST MANAGEMENT TO IDENTIFY AND TREAT INSECT STRESS, WEED AND FUNGAL PROBLEMS. INSPECT AND CONTROL INSECT DAMAGE ON LAWNS DURING SUMMER MONTHS. FOLLOW LABEL DIRECTIONS FOR ANY INSECTICIDES, HERBICIDE OR FUNGICIDE APPLICATION. REFER TO GROWERS GUIDELINES FOR DETAILED INSTRUCTIONS.
1.4. 100% OF THE SOD AREAS SHALL BE COVERED BY AN AUTOMATIC IRRIGATION SYSTEM. INSPECT THE IRRIGATION SYSTEM FOR BREAKS AND HEAD ALIGNMENT ROUTINELY.
2. MULCH:
2.1. ALL LANDSCAPE BEDS SHALL BE MULCHED TWICE A YEAR.
2.2. APPLY 3" LAYER OF MSC CERTIFIED, SHREDDED EUCALYPTUS OR RECYCLED HARDWOOD MULCH.
3. FERTILIZING:
3.1. FERTILIZE WITH A GOOD QUALITY ORGANIC FERTILIZER THREE TIMES A YEAR PER LABEL INSTRUCTIONS STARTING IN MID TO LATE FEBRUARY.
3.2. YELLOWING LEAVES ARE OFTEN A SIGN OF NUTRITIONAL DEFICIENCY.
3.3. DO NOT APPLY FERTILIZER BETWEEN JUNE 1 AND SEPTEMBER 30. COMPOST SHALL BE USED IN LIEU OF FERTILIZER DURING THE RAINY SEASON, AS NEEDED.
3.4. MAINTAIN A FERTILIZER FREE ZONE ALONG THE RIVER TO PREVENT RUN-OFF.
4. PEST AND DISEASES:
4.1. SCOUT FOR PESTS AND DISEASES REGULARLY. ONLY 1% OF ALL INSECTS ARE HARMFUL TO PLANTS.
4.2. USE INTEGRATED PEST MANAGEMENT PRACTICES. USE PREVENTATIVE CHEMICAL APPLICATIONS ONLY, WHEN DETERMINED NECESSARY BY A PEST MANAGEMENT PROFESSIONAL.
4.3. CHEMICAL PEST CONTROL SHALL BE USED ONLY WHEN THE DAMAGE IS EXPECTED TO BE SIGNIFICANT.
5. WEEDS:
5.1. WEED CONTROL SHALL BE PREVENTATIVE.
5.2. HERBICIDE APPLICATIONS MUST BE DONE BY A LICENSED PEST-CONTROL PROFESSIONAL.
6. IRRIGATION:
6.1. PROGRAM THE IRRIGATION SYSTEM TO RUN IN THE EARLY MORNING.
6.2. NEW PLANTINGS SHOULD BE WATERED DAILY FOR THE FIRST TWO WEEKS, AFTER WHICH THREE TIMES PER WEEK FOR THE FOLLOWING TWO MONTHS.
6.3. NEW TREES SHALL BE WATERED AT LEAST ONCE A WEEK FOR THE FOLLOWING YEAR AND SHRUBS FOR THE FOLLOWING 6 MONTHS FOR PROPER ESTABLISHMENT.
6.4. TREES SHOULD RECEIVE 2 - 3 GALLONS OF WATER PER INCH OF TRUNK DIAMETER AT EACH WATERING.
6.5. AT EACH WATERING, APPLY 1" WATER TO ESTABLISHED PLANTING BED.
6.6. THE AUTOMATIC IRRIGATION SYSTEM SHALL BE INSPECTED ONCE A MONTH FOR LEAKS, BRAKES AND MISALIGNED HEADS.
6.7. INCREASE WATERING FREQUENCY DURING TIMES OF HEAVY WINDS AND DROUGHT, TYPICALLY IN THE SPRING. PLEASE NOTE THAT A RAIN SENSOR WILL NOT DETECT THE DRYING EFFECTS OF HEAVY WINDS.
6.8. REDUCE WATERING FREQUENCY DURING COOL WINTER AND RAINY SUMMER MONTHS. WATER ONLY AS NEEDED AS HEAVY RAINS AND IRRIGATION WILL INCREASE WEEDS. THE IRRIGATION SYSTEM MAY BE TURNED OFF DURING MONTHS OF HEAVY RAIN. A RAIN SENSOR MAY BE USED TO OVERRIDE THE SYSTEM DURING THE RAINY SEASON.

7. PRUNING:
7.1. ALL PRUNING AND TRIMMING TOOLS SHALL BE CLEANED AFTER EACH USE TO PREVENT SPREADING OF DISEASES.
7.2. REMOVE DEAD FRONDS, DEAD WOOD AND CROSSING BRANCHES ON LARGE SHRUBS, PALMS AND TREES ANY TIME OF THE YEAR.
7.3. FLOWERING SHRUBS: LATE SUMMER AND FALL FLOWERING SHRUBS, AS WELL AS CONIFERS SHALL BE PRUNED ONCE A YEAR IN MARCH. SPRING BLOOMING SHRUBS SHALL BE PRUNED ONCE A YEAR, AFTER THEIR BLOOMS FADE IN LATE SPRING.
7.4. SHADE TREES SHALL BE STRUCTURALLY PRUNED ONCE A YEAR IN SPRING BY A CERTIFIED ARBORIST.
7.5. SHRUBS SHALL BE MAINTAINED FOLLOWING THEIR NATURAL FORM WITH ROUNDED TOP AND WIDER BASE. SMALL-LEAVED (LESS THAN 1" LENGTH) SHRUBS MAY BE SHEARED WITH POWERED HEDGE TRIMMERS. ALL SHRUBS SHALL BE TRIMMED ONE TO THREE TIMES A YEAR TO MAINTAIN DESIRED HEIGHT. ALL OVERGROWN SHRUBS SHALL BE CUT BACK IN MAY AND IN SEPTEMBER.
7.6. HEDGES SHALL BE PRUNED REGULARLY FROM THE BEGINNING FOR PROPER ESTABLISHMENT. ALL HEDGES MUST BE MAINTAINED WITH NARROWER TOP THAN THE BOTTOM FOR SUNLIGHT TO REACH THE LOWER HALF OF THE PLANT.
7.7. ORNAMENTAL GRASSES MAY BE CUT BACK ONCE A YEAR IN SUMMER TO REMOVE BROWN LEAVES. CUTTING MAY BE COMPLETED IN FOUR WEEK INTERVALS SO NOT TO HAVE ALL THE ORNAMENTAL GRASSES RECOVERING AT THE SAME TIME.
8. DIVIDING PLANTS:
8.1. BROMELIADS: WHEN THE MOTHER PLANT TURNS BROWN, CAREFULLY PULL UP THE BROMELIAD CLUMP. CUT THE PUPS APART WITH A SHARP KNIFE OR PRUNERS PRESERVING AS MANY OF THE ROOTS AS POSSIBLE. DISCARD THE DYING MOTHER PLANT AND PLANT THE PUPS. THE DEAD MOTHER PLANT MAY ALSO BE TWISTED OFF AT THE BASE, WITHOUT REMOVING THE CLUMP FROM THE GROUND.
8.2. HERBACEOUS PERENNIALS: THE CLUMPS MAY BE DIVIDED EVERY TWO TO THREE YEARS IN LATE SPRING OR SUMMER. DIG THE ROOT BALL OUT OF THE GROUND AND CAREFULLY DIVIDE THE CLUMP INTO 2-4 SMALLER SECTIONS.
9. RELOCATING PLANT MATERIAL:
9.1. THE BEST TIME TO RELOCATE PLANTS IN THE GARDEN IS FEBRUARY THROUGH APRIL.
9.2. THE PLANT SHALL BE PROPERLY ROOT-PRUNED BETWEEN 6 AND 10 WEEKS BEFORE RELOCATION.
9.3. AT THE TIME OF THE RELOCATION, THE ROOT BALL SHALL BE CUT BEYOND THE ROOT PRUNING CUT TO INCLUDE ALL NEW FEEDER ROOTS.
9.4. WATER RELOCATED PLANTS DAILY FOR THE FIRST TWO WEEKS, AFTER WHICH THREE TIMES PER WEEK FOR THE FOLLOWING TWO MONTHS.

10. MAINTAINING SOIL PH:
10.1. SANDY SOILS ARE NATURALLY ALKALINE, BUT MOST PLANT MATERIALS PREFER SOILS IN NEUTRAL OR ACIDIC RANGE TO THRIVE.
10.2. ADDING ORGANIC MATTER REGULARLY WILL MAINTAIN A HEALTHY PH LEVEL FOR ALL PLANTS.
10.3. COMPOST WILL DECREASE THE SOIL PH THROUGH THE DECOMPOSITION PROCESS.
10.4. ACIDIC ORGANIC MATTER, SUCH AS PINE NEEDLES AND ACID PEAT WILL REDUCE THE PH TEMPORARILY.
10.5. GRANULAR SULFUR SHOULD ONLY BE USED AS THE LAST RESORT TO LOWER SOIL PH.
11. CONTAINER PLANTS:
11.1. ONLY USE POTTING SOIL OR POTTING MIX IN CONTAINERS.
11.2. WATER THOROUGHLY. CONTAINER PLANTS NEED MORE WATER THAN THE PLANTS IN THE GROUND. DURING SUMMER MONTHS, HERBS IN CONTAINERS WILL NEED WATERING ONCE DAILY.
12. COLD PROTECTION:
12.1. WATER COLD SENSITIVE PLANTS THOROUGHLY 12 HOURS BEFORE THE FORECASTED COLD FRONT.
12.2. COVER THE PLANTS AT DUSK WITH BLANKETS OR BREATHABLE COVERS. REMOVE THE COVERS AFTER DAWN.