

NOTES: Site will be under 100% Irrigation. Drawing to be submitted for approval at time of construction.

ROLANDO LLANES, RA. AIA AR - 0013160

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info@civicagroup.com www.civicagroup.com AA #26001093

PROJECT:

SOMERSET ISLAND

PREP CHARTER

SCHOOL ANNEX

Folio No.: 000063480-000000 / 00063450-000000

NAME OF DEVELOPMENT:

SOMERSET ISLAND PREP CHARTER SCHOOL

LOCATION:

1906 FLAGLER AVE KEY WEST, FL 33040

OWNER:

1908 FLAGLER AVE CORP.

OWNER'S AUTHORIZED AGENT:

TREPANIER & ASSOCIATES INC.

DEVELOPER: SOMERSET ISLAND PREP.

CONSULTANTS/ EMGINEERS:

Keith Oropeza, PLA, ASLA Landscape Architecture Director

618 E. South Street, Suite 700

Perez Engineering & Development, Inc. 1010 Kennedy Drive, Suite 202 Key West, FL 33040 305.293.9440

Allen E. Perez, P.E.

TRAF TECH ENGINEERING, INC.

Joaquin E. Vargas, P.E.

8400 N University Dr Ste 307 Tamarac, FL 33321 954.582.0988

CIVICA PROJECT No:

230119

ISSUED FOR:

DRC SUBMITTAL

1\ | 9/20/24 | REVISION COMMENTS | IDM

K0

SCALE:

REVISION

APPROVED BY

1" = 10' - 0"

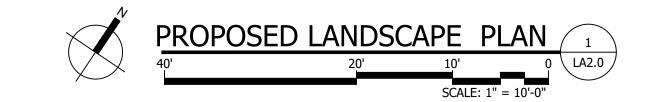
No. DATE

DRAWN BY

07/2024

Orlando, Florida 32801 T 407.423.8398/ D 321.445.8034/ M 407.222.9583

SHEET TITLE **PROPOSED ENLARGED** LANDSCAPE PLAN



SHEET NUMBER LA2.0

PLANT SCHEDULE

	_001	ILDULI			
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	
TREES					
	PS	17	PSEUDOPHOENIX SARGENTII / BUCCANEER PALM TREE	SEE PLAN FOR CT HT., SLICK TRUNK, FG.	
	BS	2	BURSERA SIMARUBA/ GUMBO LIMBO	14-16' HT., 6"CAL.	
	DC	4	DYPSIS CABADAE / CABADA PALM	MULTI-TRUNK, 14'-16' HT	
••	GS	2	GUAIACUM SANCTUM / LIGNUM VITAE	SINGLE TRUNK, SPECIMAN 7'-10' HT X 8'-10' SPRD., 3" CAL.	
+	SG	2	SIMAROUBA GLAUCA / PARADISE TREE	STANDARD, 14'-16' HT., 6' CT, 4" CAL.	
	SM	2	SWIETENIA MAHAGONI / WEST INDIAN MAHOGANY	14'-16' HT X 7'-8' SPRD., 6" CAL	
SHRUBS					
£	EF	38	EUGENIA FOETIDA / SPANISH STOPPER	6'-7' HT., FULL.	
	IX	23	IXORA X 'NORA GRANT' / IXORA 'NORA GRANT	18"-24" OA.	
\.\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PX	8	PHILODENDRON XANADU / XANADU PHILODENDRON	2.5` HT.X3` SPRD.	
SYMBOL	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME	SIZE	SPACING
SHRUB ARE					
	FG	184	FICUS MICROCARPA `GREEN ISLAND` / GREEN ISLAND FICUS	18"-24" OA	24" o.c.
	HC	111	HAMELIA PATENS `COMPACTA` / DWARF FIREBUSH	16"-20" OA	30" o.c.
	OJ	190	OPHIOPOGON JAPONICUS / MONDO GRASS	6"-8", FULL	12" o.c.
	SB2	15	SPARTINA BAKERI / SAND CORD GRASS	24"-30" OA, FULL	36" o.c.
	ZP	52	ZAMIA PUMILA / COONTIE	18"-24" OA	24" o.c.
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING
GROUND CO					
	EL	172	ERNODEA LITTORALIS / GOLDEN CREEPER	8"-10" HT.	12" o.c.
	HD	1,197	HELIANTHUS DEBILIS / DUNE SUNFLOWER	8"-10" HT.	12" o.c.
	SS	1.255 SF	STENOTAPHRUM SECUNDATUM / ST AUGUSTINE GRASS	SOD	

NOTES:

- NO CONSTRUCTION MATERIALS SHALL BE STORED INSIDE FENCED AREA ON JOBS WHERE ERECTION OF FENCE IS MADE IMPOSSIBLE BY SITE CONDITIONS, NOTHING IS TO BE STORED WITHIN A DIAMETER 5 TIMES THE CALIPER OF THE TREE TO BE PROTECTED.
- 2. TREE PROTECTION TO REMAIN UNTIL SUBSTANTIAL COMPLETION DIRECTED BY THE LANDSCAPE ARCHITECT.
- NO DIGGING OR TRENCHING SHOULD OCCUR WITHIN 5 X CALIPER DIAMETERS OF EXISTING TREES THAT ARE TO BE PROTECTED IN PLACE WITHOUT FIRST CONSULTING WITH LANDSCAPE ARCHITECT.
- 4. ALL TREES TO BE PROTECTED IN PLACE SHALL RECEIVE SUPPLEMENTAL IRRIGATION IF REGULAR IRRIGATION SOURCE IS DISCONNECTED DURING CONSTRUCTION ACTIVITY.

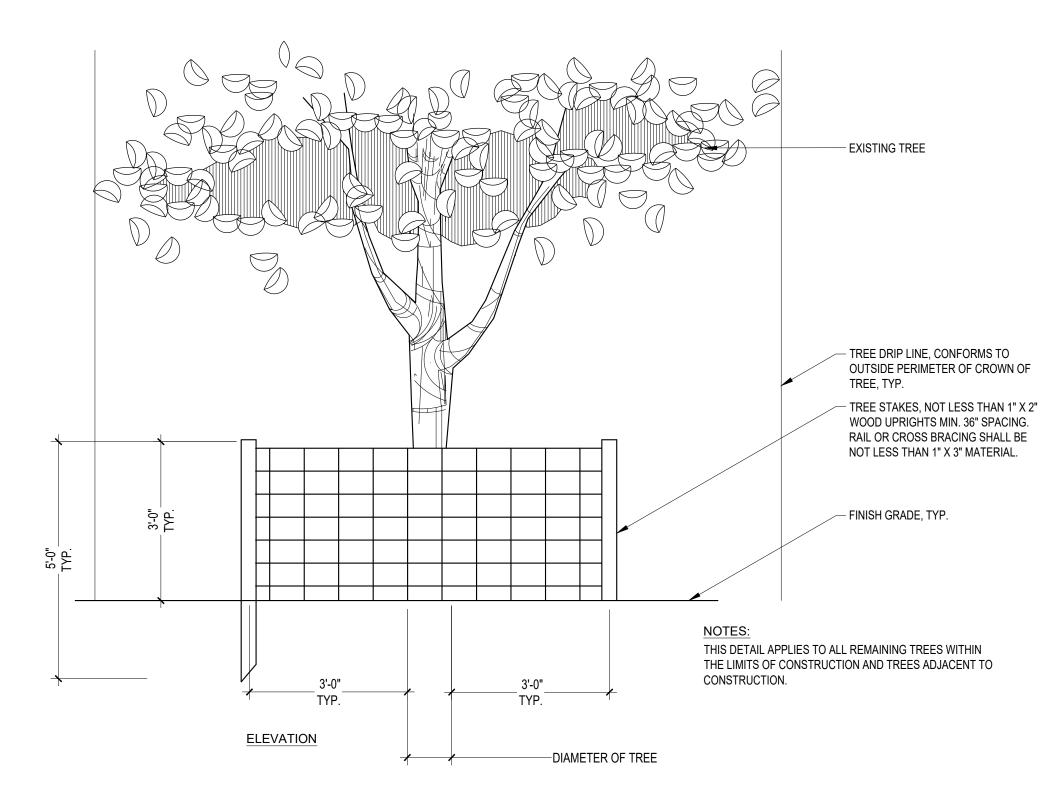
TRANSPLANT NOTES:

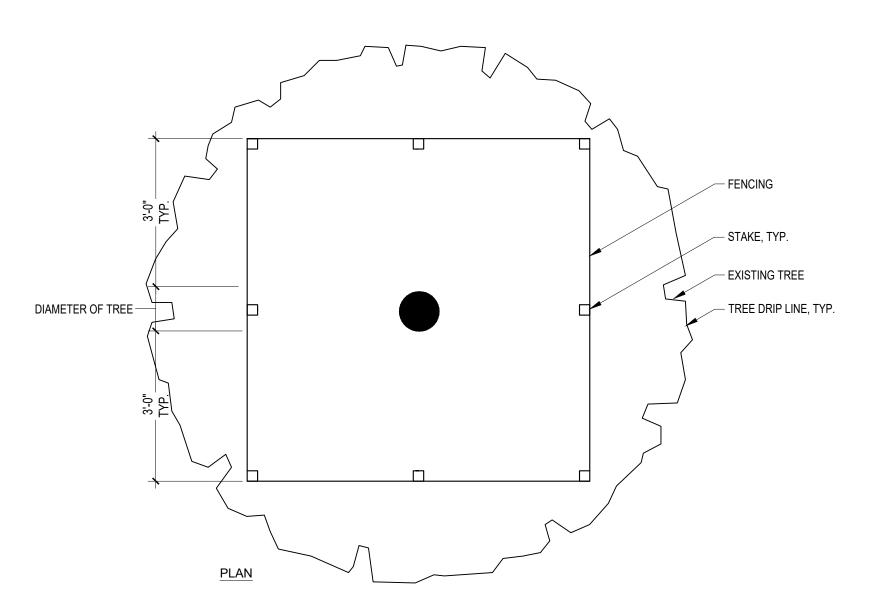
CONTRACTOR MUST PROVIDE ACTIVE DRIP IRRIGATION TO TREES WITHIN 12 HOURS OF PLANTING

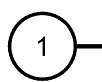
TREE ROOTBALL TO BE PROPERLY PREPARED, PROTECTED AND SECURED DURING TRANSPLANT

NO LIMBS TO BE DAMAGED DURING TRANSPLANT. IF DAMAGE OCCURS, CONTRACTOR TO CONSULT LANDSCAPE ARCHITECT FOR PRUNING

TREE TO BE PROPERLY PROTECTED IN NEW LOCATION. FOLLOW TREE PROTECTION DETAIL







TREE PROTECTION DETAIL

Minimum Landscaped Areas - SEC. 108-412(a)			
21,712 SF x 20% Minimum area of building site	SF/%Required	SF/%Provided	
21,712 d X20/01VIIIIIIIdiTTalea Ol bullullig site	4,342 SF / 20%	6826 SF / 31%	
Minimum Native Plant Requirement 70% - SEC. 108-412(b)			
	Total Plants Provided	Percent Provided	
Nati <i>v</i> e Plants	1597	70%	
Exotic Plants	699	30%	
Total native & Exotic Plants	2296	100%	
Minimum Standards Landscaping Along Street Frontage Sec. 108-413			
Area of site less than 0.5 acre. Width of Required Landscaping 10' and 40 plant units per 100 LF.			
291 LF Property Line Abutting Street Frontage / 100LF = 2.91			
40 Plant Units x 2.91 = 116.4 Plant units			
	Total Plants Provided	x Plant Units	Plant Units Provided
Canopy / Shade Trees	3	10	30
Evergreen or Ornamental Tree	0	0	0
Shrub Shrub	177	1	177
Total Plant Units Provided			207
Requirements for Interior Parking Lot Landscape Areas - SEC. 108-414			
Sze and composition of interior landscaping			
Parking lot minimum landscape area 20%	SF/%Required	SF/%Provided	
3,354 SF of parking x 20% = 671 SF	671 S T	851 S F	
Perimeter Parking Lot Landcape Requirements - SEC.108-415			
Building Ste 20,000 SF or Less 5 Perimeter Parking Lot Landscape Area			
238 LF/ 35 LF = 6.8	Total Required	Total Provided	
Canopy Shade 6.8 x 1	7	10	
Shrubs 6.8 x 10	68	172	
Landscape Requirements for nonvehicular use areas - SEC. 108-416			
Percent of Stein (NOS) is less than 30% Tree Requirement 4 Trees / 2000 SF NOS			
	Total Trees Required	Total Trees Provided	
3,670 SF / 2000 = 1.835 x 4 Trees	8	17	

SEC. 108-412/416 MINIMUM LANDSCAPE REQUIREMENTS

SEC. 108-346/353 OPEN SPACE, SCREENING AND BUFFERS						
Open Space - SEC. 108-346(b)						
Nonresidential Open Space Minimum 20%	Requirement	Provided SF	Provided %			
Ste Area 18715 SF x 20% Minimum Area of Building Ste	3,649 SF					
Landscape Areas		3,670 S F	20%			
Active Recreation / Permeable Areas		0	0%			
Total Open Space		3,670 S F	20%			
Required Screening - SEC. 108-347 (b,c,d)						
Landscape Buffer North Property Line (Flagler Avenue)						
Type CBuffer 15' 92.5 LF						
64 Plant Units / 100 LF = 59						
	Total Plants Provided	x Plant Units	Plant Units Provided			
Canopy Trees	7	10	70			
Ornamental Trees	1	5	5			
Shrubs	130	1	130			
Total Plant Unites Provided North Property Line			205			
Landscape Buffer South Property Line (Abutting Residential)						
Type D Buffer 5' 92.5 LF						
15 Plant Units / 100 LF = 14						
	Total Plants Provided	x Plant Units	Plant Units Provided			
Canopy Trees	5	10	50			
Ornamental Trees	0	5	0			
Shrubs	43	1	43			
Total Plants Used South Property Line			93			

CALCULATIONS: Site Required Replacement: 74.5 points

Site Plan Provided: 152 points

CIVIC A

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PROJECT:

SOMERSET ISLAND PREP CHARTER SCHOOL ANNEX

Folio No.: 000063480-000000 / 00063450-000000



NAME OF DEVELOPMENT:
SOMERSET ISLAND PREP
CHARTER SCHOOL

<u>LOCATION:</u> 1906 FLAGLER AVE KEY WEST, FL 33040

OWNER:

1908 FLAGLER AVE CORP.

OWNER'S AUTHORIZED AGENT: TREPANIER & ASSOCIATES INC.

<u>DEVELOPER:</u> SOMERSET ISLAND PREP.

DOMERSET ISLAND FREF.





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Joaquin E. Vargas, P.E.
President
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CIVICA PROJECT No: 230119

ISSUED FOR:

No. DATE REVISION BY

1 9/20/24 REVISION COMMENTS IDM

DRAWN BY	APPROVED BY	
IM	K0	
DATE	SCALE:	

07/2024 SEAL/SIGNATURE

ROLANDO LLANES, RA. AIA

AR - 0013160

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SHEET TITLE LANDSCAPE

DETAILS

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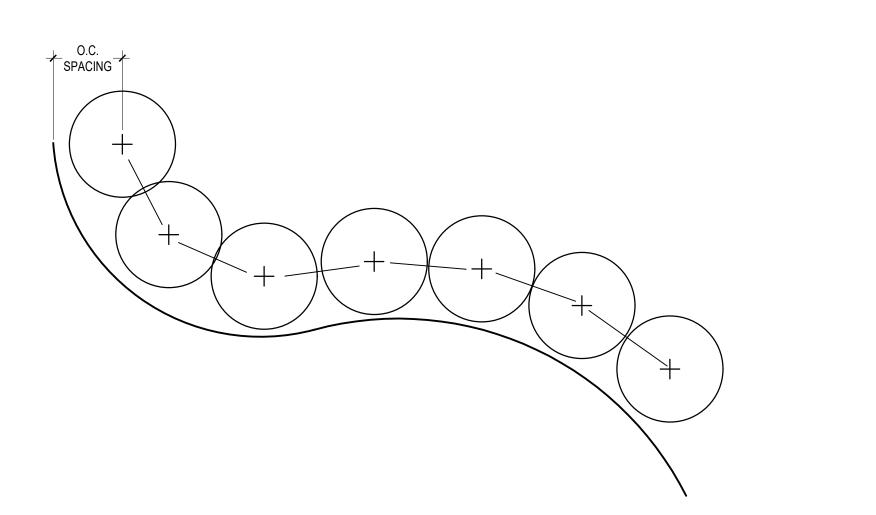
SHEET NUMBER

LA2.1

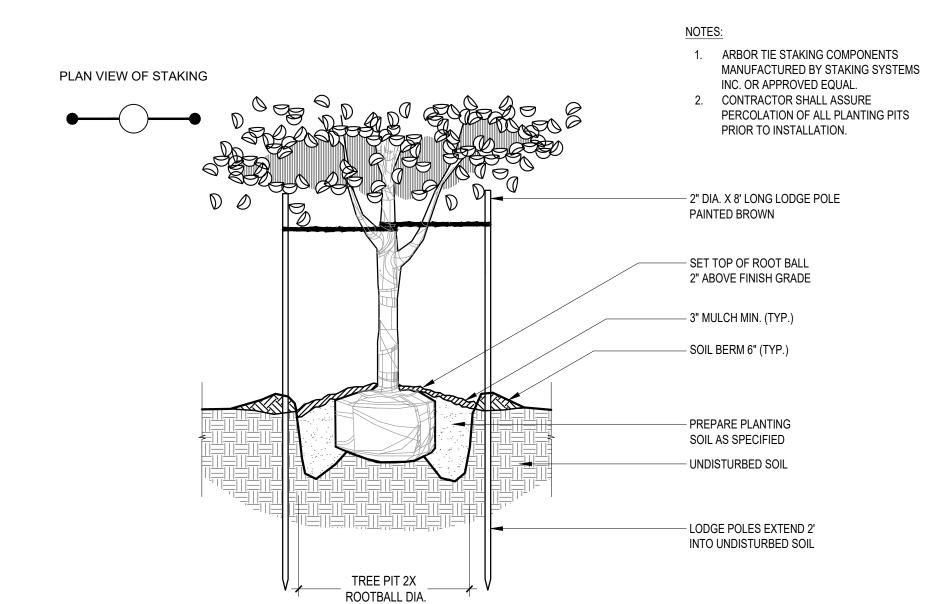
1. THE PERIMETER OF ALL CURVED PLANTING BEDS SHALL BE PLANTED WITH A ROW OF GROUNDCOVER AS SHOWN IN THE PLANS AND AT THE SPACING SHOWN IN THE PLANT LIST. INTERIOR PORTIONS OF EACH BED SHALL BE PLANTED AT APPROPRIATE SPACING ACCORDING TO

THIS PLANT SPACING DETAIL.

- ALL GROUNDCOVER TO BE TRIANGULAR SPACING. SEE PLANTING SCHEDULE FOR (O.C.) — 12" MIN. SETBACK FOR GROUNDCOVERS, TYP. → O.C. SPACING →





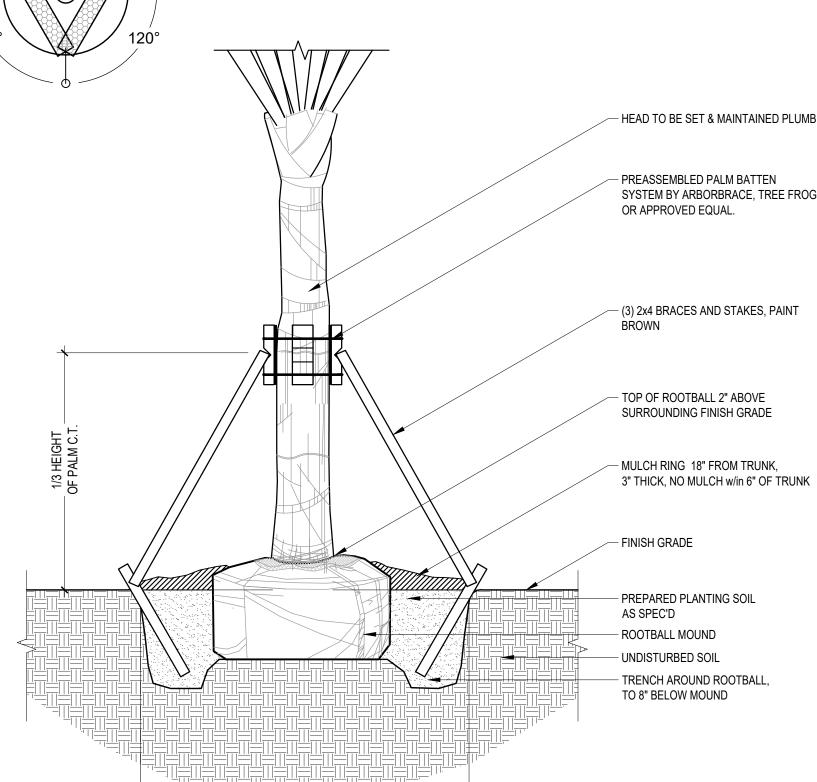


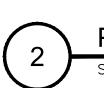
TREE PLANTING (15-30 GAL)

NOTES:

- 1. PALM BATTEN SECURING METHOD SHALL BE USED ONLY AS DIRECTED BY THE OWNER. CONTRACTOR SHALL CONFIRM LOCATIONS WITH OWNER AND/OR LANDSCAPE ARCHITECT DURING PRE-CONSTRUCTION.
- 2. EXCAVATE OVERALL PLANTING HOLE TO DEPTH NECESSARY TO SET TOP OF ROOTBALL 2" ABOVE SURROUNDING FINISH GRADE. THIS IS THE ROOTBALL MOUND ELEVATION.
- 3. EXCAVATE A TRENCH TO AN ADDITIONAL 8" DEPTH AROUND THE ROOTBALL MOUND.
- 4. ASSURE PERCOLATION OF PLANTING HOLE PRIOR TO SETTING THE TREE. NOTIFY THE OWNER IF

SATISFACTORY PERCOLATION IS NOT ACHIEVED. 3-LEG LAYOUT - HEAD TO BE SET & MAINTAINED PLUMB - PREASSEMBLED PALM BATTEN SYSTEM BY ARBORBRACE, TREE FROG OR APPROVED EQUAL.



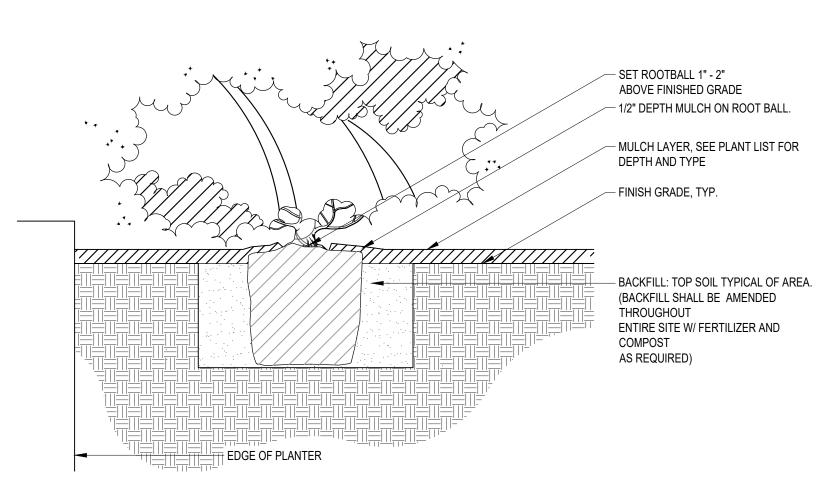


PALM STAKING

TREE PIT 3X

ROOTBALL DIA.

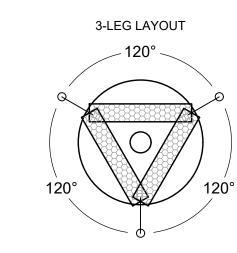
1. PRUNE ANY BROKEN BRANCHES

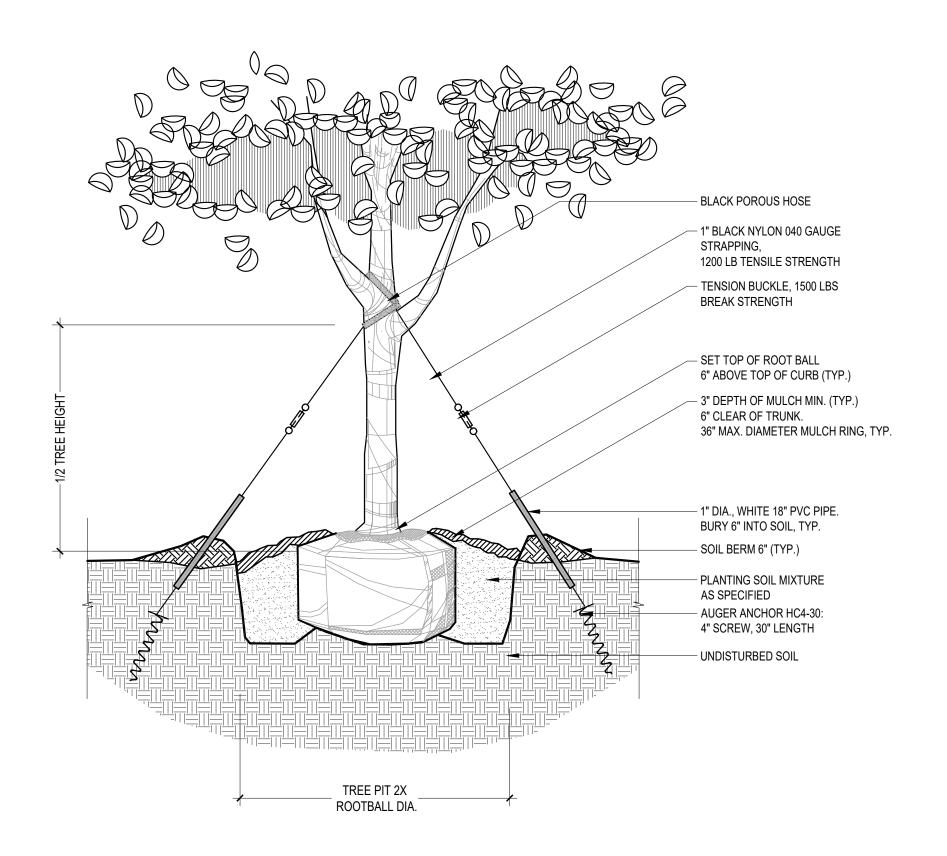


SHRUB PLANTING

NOTE:

1. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.







TREE STAKING (65-300 GAL)

ARCHITECTURE & URBAN DESIGN

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PROJECT:

SOMERSET ISLAND PREP CHARTER SCHOOL ANNEX Folio No.:

> 000063480-000000 / 00063450-000000



NAME OF DEVELOPMENT: SOMERSET ISLAND PREP CHARTER SCHOOL

LOCATION: 1906 FLAGLER AVE KEY WEST, FL 33040

OWNER: 1908 FLAGLER AVE CORP.

OWNER'S AUTHORIZED AGENT: TREPANIER & ASSOCIATES INC.

DEVELOPER: SOMERSET ISLAND PREP.

CONSULTANTS/ EMGINEERS:

Allen E. Perez, P.E.

andscape Architecture Director 618 E. South Street, Suite 700 Orlando, Florida 32801 T 407.423.8398/ D 321.445.8034/ M 407.222.9583





Joaquin E. Vargas, P.E. President 8400 N University Dr Ste 307 Tamarac, FL 33321 954.582.0988

TRAF TECH ENGINEERING, INC

CIVICA PROJECT No: 230119

ISSUED FOR:

DRC SUBMITTAL

No.	DATE	REVISION	BY
1	9/20/24	REVISION COMMENTS	IDM
DRAWI	N BY	APPROVED BY	

K0 DATE 07/2024

SEAL/SIGNATURE

ROLANDO LLANES, RA. AIA AR - 0013160

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SHEET TITLE LANDSCAPE **DETAILS**

SHEET NUMBER LA2.2



-	COMMON NAME Coconut Palm	SCIENTIFIC NAME Cocos nucifera	SIZE 3 ft CT	KW@tyLDR Protected	DISPOSITION	REQUIRED REPLACEMENT NA	NOTES rear propertyline-parkinglot
-1	Coconut Palm Coconut Palm	Cocos nucifera Cocos nucifera	10 ft CT	Protected Protected	Remain Remain	NA NA	rear propertyline-parking lot rear propertyline-parking lot Rear propertyline, Neighbor's property-canopy overhang (no
3	VVoman's Tongue	Albizia lebbeck	<24" dbh	not regulated		() (impact)
\neg	Strongbark	Bourreria succulenta	2' dbh	Protected	Remain	NA NA	rear property line-parking lot
5	Strongbark	Bourreria succulenta	3" dbh	Protected	Remain	NA NA	rear propertyline-parkinglot rear propertyline, was a
6	Dead Tree		NA	Development Plan Tree	Remove	1-tree	strongbark-tree needs to be replaced as per approved landscape plan
-7	beneiten Demuned	Davidia piacinula	ما ماليا (100	Drotootod	Remain	NA	side of 1908 Flagler, property line
-/	Jamaican Dogwood	Ascidia piscipula	18" dbh	Protected	Di-	NA NA	tree, growing through fence
За	Jamaican Dogwood	Piscidia piscipula	3.5" dbh	Protected	Remain	144	side of 1908 Flagler
8b	Jamaican Dogwood	Piscidia piscipula	4.5" dbh	Protected	Remain	NA	side of 1908 Flagler
9	Onnamon Bark	Canella winterana	2" dbh double	Protected*	Remain	NA	side of 1908 Flagter-State Listed
10	Coconut Palm	Cocos nucifera	1-3 ft CT	Protected	Remain	NA	side of 1908 Flagler
11	Pigeon Plum	Coccoloba diversifolia	3.5" dbh	Protected	Remove	2.9" 1-4 ft tall OH	side of 1908 Flagter
12	Coconut Palm	Cocos nucifera	double 1 ft CT	Protected	Remove	native palm	side of 1908 Flagler
13	Marlberry	Ardisia escallonioides	2" dbh	Protected	Remove	1.5"	side of 1908 Flagler, 2 trunks
14	Coconut Palm	Cocos nucifera	1 ft CT	Protected	Remove	1-4 ft tall OH native palm	side of 1908 Flagler
15	Marlberry	Ardisia escallonioides	2" dbh	Protected	Remove	1.6"	side of 1908 Flagler, multiple trunks
					Remove	1-4 ft tall OH	
-	Coconut Palm	Cocos nucifera	1 ft CT	Protected	Remove	native palm 1.2"	side of 1908 Flagler
17	Jamaican Dogwood	Piscidia piscipula	1.75" dbn	Protected			side of 1908 Flagler side of 1908 Flagler, growing
	Marlberry	Ardisia escallonioides	1" dbh	Protected	Remove	0.7"	sideways
-	Coconut Palm Coconut Palm	Cocos nucifera Cocos nucifera	juvenile juvenile	Protected Protected	Remove Remove	0	side of 1908 Flagler side of 1908 Flagler
	Pigeon Plum	Cocoloba diversifolia	2.5" dbh	Protected Protected	Remove	2"	side of 1908 Flagler
	Coconut Palm	Cocos nucifera	juvenile	Protected	Remove	0	side of 1908 Flagter
21c	Washingtonian Palm	Washingonia robusta	juvenile	Not Regulated	Remove	0	side of 1908 Flagter
22	Coconut Palm	Cocos nucifera	juvenile	Protected	Remove	0	side of 1908 Flagter, next to 1904 pathway
					Remove	1.3"	side of 1908 Flagler, next to 1904
دئa S	Jamaican Dogwood	Piscidia piscipula	2' dbh	Protected	Remove	0	pathway
23b	Coconut Palm	Cocos nucifera	juvenile	Protected	remove	1-4 ft tall OH	
24	Florida Royal Palm	Roystonea regia	4 ft CT	Protected	Remove	native palm	side of 1908 Flagler
25	Marlberry	Ardisia escallonioides	1.5" dbh	Protected	Remove	1.1"	side of 1908 Flagler
26	Coconut Palm	Cocos nucifera	double juvenile	Protected	Remove	0	side of 1908 Flagler
27	Marlberry	Ardisia escallonioides	2' dbh	Protected	Remove	1.5"	side of 1908 Hagler
28	Mahogany	Swietenia mahagoni	1.5" dbh	Protected*	Remove	1.2"	side of 1908 Flagler, State Listed
_	Coconut Palm	Cocos nucifera	juvenile	Protected	Remove	3.2"	side of 1908 Flagter
-	Gumbo Limbo Gumbo Limbo	Bursera simaruba Bursera simaruba	2" dbh 2.5" dbh	Protected Protected	Remove Remove	NA NA	side of 1908 Flagler side of 1908 Flagler
	Washingtonian Palm	Washingonia robusta	juvenile	Regulated	Remove	0	side of 1908 Flagter
	Coconut Palm	Cocos nucifera	juvenile	Protected	Remove	0	side of 1908 Flagler
	Pigeon Plum	Coccoloba diversifolia		Protected	Remove	2.9"	side of 1908 Flagler
	Washintonian Palm	Washingonia robusta	1 ft CT	not regulated	Remove Remove	0,9"	side of 1908 Flagter
-	Marlberry Marlberry	Ardisia escallonioides Ardisia escallonioides	1.5" dbh 2" dbh	Protected Protected	Remove	1.4"	side of 1908 Flagler side of 1908 Flagler, old #11
	Marlberry	Ardisia escallonioides	2" dbh	Protected	Remove	1.6"	side of 1908 Flagler
36	Ageon Aum	Coccoloba diversifolia	2" dbh	Protected	Remove	1.5"	side of 1908 Flagler
-	Coconut Palm	Cocos nucifera	juvenile	Protected	Remove	0	side of 1908 Flagler
	Marlberry Jamaican Dogwood	Ardisia escallonioides Piscidia piscipula	2" dbh 0.5" dbh	Protected Protected	Remove Remove	1.4"	side of 1908 Flagler side of 1908 Flagler
-	Jamaican Dogwood	Piscidia piscipula	1.5" dbh	Protected	Remove	NA NA	side of 1908 Flagter
	Strangler Fig	Ficus aurea	4" dbh	Protected	Remove	2.9"	side of 1908 Flagler
41	Jamaican Dogwood	Piscidia piscipula	5" dbh	Protected	Remove	3.5"	side of 1908 Flagler, 2 trunks
42	Pigeon Plum	Coccoloba diversifolia	2.5" dbh	Protected	Remove	2"	front of 1908 Ragler Planted and maintained as
					Remove	0	hedges/shrubs, front of 1908
	Spanish Stopper x6	Eugenia foetida Pourreria succulenta	NA 2" dbb	not regulated	Remove	1.6"	Front of 1908 Badler
-	Strongbark Strongbark	Bourreria succulenta Bourreria succulenta	2" dbh 2.25" dbh	Protected Protected	Remove	1.8"	front of 1908 Flagler front of 1908 Flagler
	Strongbark	Bourreria succulenta	1	Protected	Remove	1.8"	front of 1908 Flagler
47	Alexander Palm	Ptychosperma elegans	10 ft CT	Regulated	Remove	1-4 ft tall OH	front of 1908 Ragler
					Remain	native palm NA	1908 Flagler along Dennis Greet,
- 1	Gumbo Limbo	Bursera simaruba	-	Protected			canopy hacked
49	Washintonian Palm	Washingonia robusta	9ft CT	not regulated	Remain	NA NA	1908 Flagler along Dennis Street Flight of way trees-previous
					Remain	NA	development agreement approved
50	"Yellow Poinciana"	Peltophorum pterocarpum	6" dbh	Regulated		***************************************	planting and maitainance by 1908 Ragler
		,					State Listed, Right of way trees-
					Remove	1.3"	previous development agreement approved planting and
51	Lignum vitae	Quaiacum sanctum	2" dbh	Protected*			maitainance by 1908 Flagler, poor condition
JI	- Sicarii Vitae	sacrasam sanswill	_ GD11	. Totalia			Right of way trees-previous
					Remove	3.9"	development agreement approved planting and maitainance by 1908
	"Yellow Poinciana"	Peltophorum pterocarpum	6" dbh	Regulated	P		Ragler
	Woman's Tongue	Abizia lebbeck	<24" dbh	not regulated	Remove Remove	0	front 1904 Flagler
-	Areca Palm Wld Tamarind	Dypsis lutescens Lysiloma latisiliquum	NA 15.2" dbh	not regulated Protected	Remain	NA.	Front corner 1904 Flagler Oty owned tree-Flight of Way
\rightarrow	Wild Tamarind	Lysiloma latisiliquum	5" dbh	Protected	Remain	NA NA	City owned tree-Right of Way
57	Black Ironwood	Krugi odendron ferreum	3" dbh	Protected	Remain	NA	City owned tree-Right of Way
58	Strangler Fig	Ficus aurea	42" dbh	Protected	Remove	26.4"	Property Line tree w/1900 Flagler Rear of 1904 along concrete wall-
					Removal	1900 Flagler	removal approved via Tree
50	Jamaican Dogwood	Piscidia piscipula	x	Settlement	already approved	responsible	Commission Settlement
24.1	camarcair Dogwood	г тэскага різсіршій	/A	Carement .	Removal		Agreement w/1900 Flagler Rear of 1904 along concrete wall-
59					already	1900 Flagler responsible	removal approved via Tree Commission Settlement
59		Pscidia piscipula	Х	Settlement	approved	i exhousible	Agreement w/1900 Flagter
	Jamaican Dogwood	1 Toolara proorpara				1	Rear of 1904 along concrete wall-
	Jamaican Dogwood	Trodica prodipara			Removal	1900 Flader	_
60					already	1900 Flagler responsible	removal approved via Tree Commission Settlement
60	Jamaican Dogwood Jamaican Dogwood	Ascidia piscipula	X	Settlement		_	removal approved via Tree

LEGEND

TREE PROTECTION BARRIER

X = REMOVE

CIVICA

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Folio No.: 000063480-000000 / 00063450-000000



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LOCATION: 1906 FLAGLER AVE KEY WEST, FL 33040

OWNER: 1908 FLAGLER AVE CORP.

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Joaquin E. Vargas, P.E. President 8400 N University Dr Ste 307 Tamarac, FL 33321 954.582.0988

CIVICA PROJECT No:

230119 **ISSUED FOR:**

DRC SUBMITTAL

REVISION BY 1 9/20/24 REVISION COMMENTS IDM

DRAWN BY	APPROVED BY
IM	KO
DATE	SCALE:
07/2024	1" = 10' - 0"
SEAL/SIGNATURE	

ROLANDO LLANES, RA. AIA AR - 0013160

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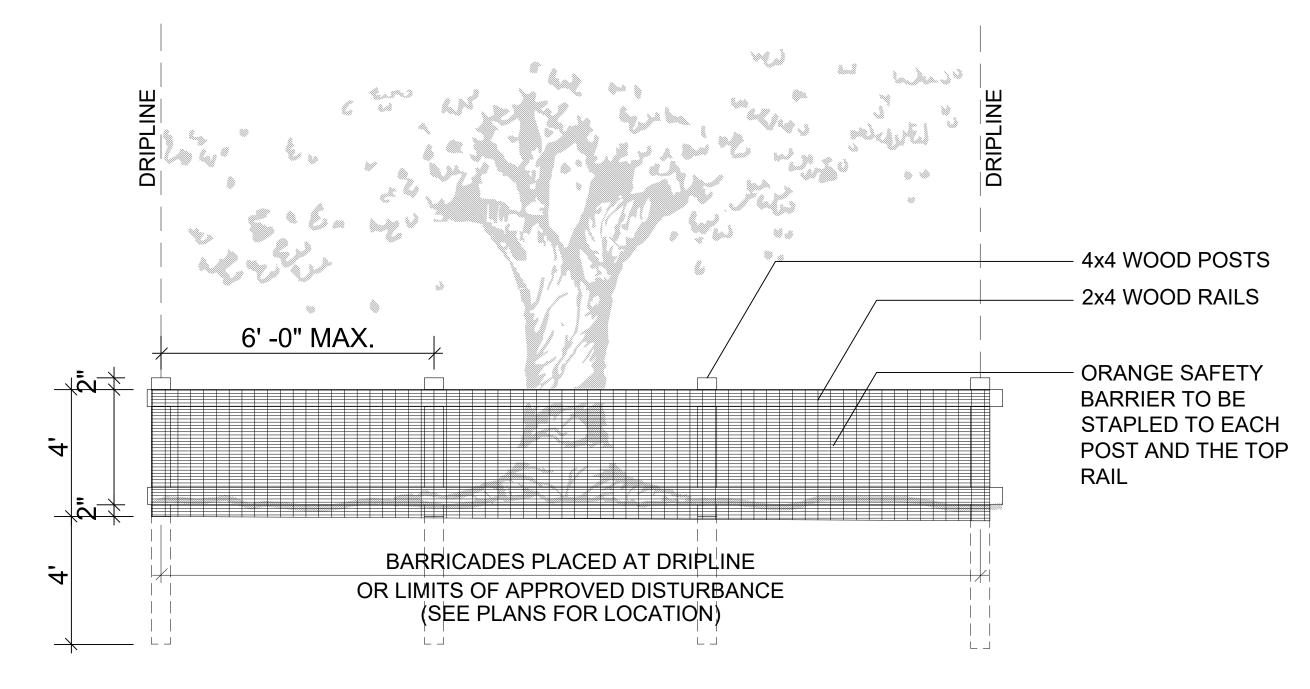
SHEET TITLE

TREE MITIGATION PLAN

SHEET NUMBER LA2.3

TREE PROTECTION AND PRESERVATION NOTES

- 1. Protect designated existing trees scheduled to remain against: -Unnecessary cutting, breaking, or skinning of roots -Skinning and bruising of bark -Smothering of trees by stockpiling construction or excavation materials within protection barrier
- 2. Protection barriers (tree barricades) shall be plainly visible and shall create a continuous boundary around trees or vegetation clusters in order to prevent encroachment within the
- 3. For all trees to be preserved, see Tree Protection and Barricade Elevation detail.
- 4. No grade changes shall be made within the protective barrier zones without prior approval.
- 5. The method of protection is to make certain that 50% of the area under the canopy dripline remains undisturbed (no grade change or root cut) and there shall be no disturbance to the
- 6. General contractor shall be responsible for the replacement and mitigation costs of trees damaged beyond repair that have been identified as protected and preserved. If trees are harmed through lack of protection or through negligence on the part of the contractor, the contractor shall bear the burden of the cost of repair or replacement.
- 7. Root pruning shall be done by or under supervision of an ISA certified arborist, and meet or exceed ANSI A300 or approved tree care industry standards. A certified arborist must be onsite during the entirety of root pruning.
- 8. No root pruning shall be done within a distance of 3x the diameter the tree unless authorized by the arborist.
- 9. No more than 30% of the trees roots may be pruned.
- 10. A pruning trench shall be cleared in a way that exposes the roots while leaving them intact. Use hand tools or an air knife. Limits of trench to be determined by the arborist.
- 11. All roots outside of the protective barricade to be removed during the development shall be severed clean using a sharp tool to provide a clean cut. Roots shall be left with clean smooth ends and no ragged edges and a two-inch layer of mulch shall be applied over the surface of exposed roots during development within one hour of damage or exposure.
- 12. After pruning, tree roots shall be covered and kept moist. Fill pruning trench with topsoil and water daily for a period determined by the arborist.



TREE PROTECTION DETAIL

N.T.S.



8323 NW 12th St. Suite 106 Doral, FL 33126 tel: 305.593.9959 info@civicagroup.com www.civicagroup.com AA #26001093

PROJECT:

SOMERSET ISLAND PREP CHARTER SCHOOL ANNEX

Folio No.: 000063480-000000 / 00063450-000000



NAME OF DEVELOPMENT: SOMERSET ISLAND PREP CHARTER SCHOOL

LOCATION: 1906 FLAGLER AVE KEY WEST, FL 33040

OWNER:

1908 FLAGLER AVE CORP.

OWNER'S AUTHORIZED AGENT:

TREPANIER & ASSOCIATES INC.

DEVELOPER: SOMERSET ISLAND PREP.

CONSULTANTS/ EMGINEERS:









TRAF TECH ENGINEERING, INC

President 8400 N University Dr Ste 307

CIVICA PROJECT No:

230119 **ISSUED FOR:**

DRC SUBMITTAL

No. DATE		REVISION	BY
1	9/20/24	REVISION COMMENTS	IDM
DRAWI	N BY	APPROVED BY	

ΚO

SCALE: DATE 07/2024 1" = 10'-0"

ROLANDO LLANES, RA. AIA

SEAL/SIGNATURE

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TREE MITIGATION **DETAIL**

SHEET NUMBER

LA2.4