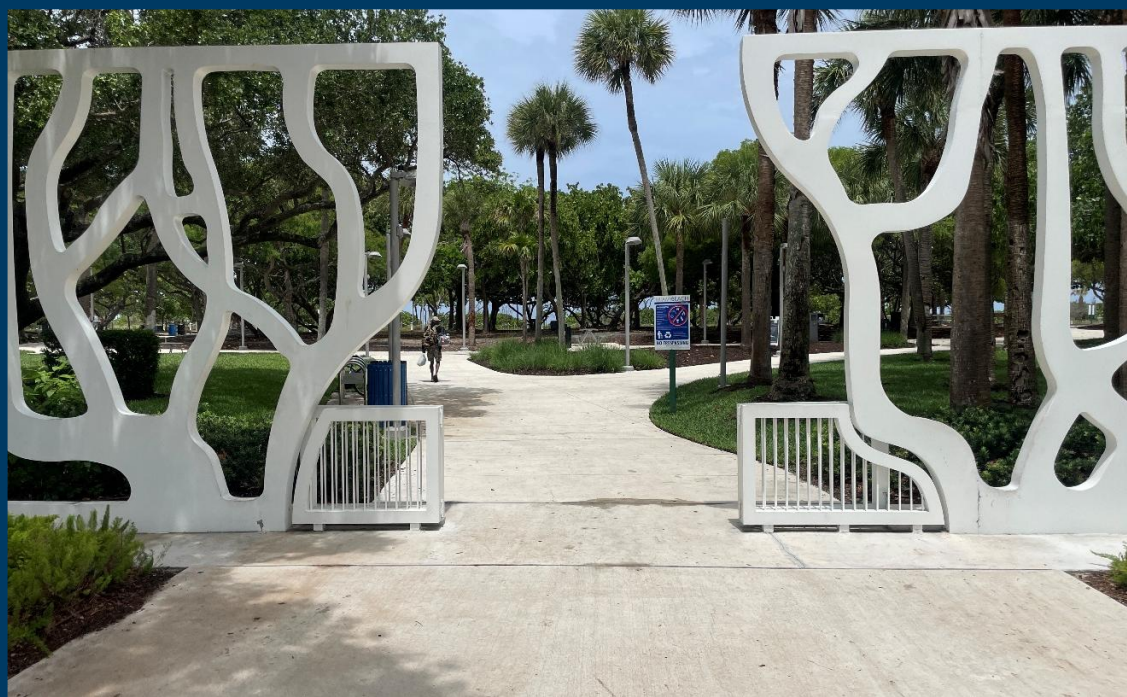




Arborist Report

Miller Legg Project No.
25-00062



City of Miami Beach North Beach Log Cabin

Prepared For:

BEA Architects
11575 NW 7th Ave
Miami, FL 33168

Matthew Dancho
Certified Arborist
FL-9777A

A blue ink signature of Matthew Dancho, written in a cursive style.

June 2025



North Beach Oceanside Park Log Cabin
Arborist Review

Prepared For
City of Miami Beach
and
BEA Architects

Prepared By
Matthew Dancho Certified Arborist FL-9777A

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BACKGROUND

An arborist inventory and assessment were completed for trees and palms within the project footprint of the proposed new construction at the North Beach Oceanside Park in Miami Dade County. The tree review was conducted by an International Society of Arboriculture (ISA) Certified Arborist who assessed the current quality of the trees that would be impacted by the proposed site improvements.

This study is based on the following: a site visit conducted on June 4th, 2025.

CITY OF MIAMI BEACH PERMITTING REQUIREMENTS

The City of Miami Beach regulates tree protection, removal, and mitigation through its Tree Preservation Ordinance and Chapter 46 of the City Code. Oversight is provided by the Urban Forestry Division, which reviews all tree permit applications and ensures compliance with applicable standards. A permit is required for any removal, relocation, or substantial pruning of trees, regardless of whether they are located on public or private property.

Permit applications must include proper justification for the proposed work, such as tree health decline, structural hazard, or conflicts with approved development plans. When tree relocation is proposed, a certified arborist must complete a Tree Relocation Form, which outlines the feasibility of transplanting the tree and the appropriate procedures.

All trees that are preserved or relocated must be protected during construction activities. Protective barriers are required to be installed at a minimum of 10 feet from the tree trunk or 1 to 2 feet beyond the root ball of relocated trees. These barriers must remain in place throughout the duration of construction until a final inspection is completed by the City. No construction activities, material storage, or equipment staging are permitted within the protected root zone.

Pruning activities must comply with ANSI A-300 standards. No more than 25 percent of a tree's canopy may be removed annually unless otherwise approved due to structural or health reasons. Root pruning of roots 2 inches or greater must also follow professional standards and receive prior approval from the City.

If a tree is damaged or removed without authorization, the responsible party may be subject to penalties, including after-the-fact permitting and replacement requirements. Replacement trees must provide equivalent canopy value and be installed prior to the issuance of a Certificate of Occupancy or Certificate of Use. Additionally, the City maintains a Heritage Tree Program, which designates and protects historically or ecologically significant

METHODS

Field collection was conducted on June 4th, 2025. A Miller Legg ISA-Certified Arborist traversed the proposed project limits and recorded relevant information including tree species, DBH (as measured 4.5 feet above grade) for dicot trees, clear trunk height for palms, condition rating,

approximate canopy width, estimated height, and observed conditions. The location of individual trees and palms were provided. Relevant color photographs were also collected to support this report.

OBSERVATIONS

A total of 94 individual trees and palms were assessed within the project footprint. The species observed included four tamarind (*Tamarindus indica*), 30 cabbage palms (*Sabal palmetto*), three thatch palms (*Thrinax radiata*), 20 sea grape (*Coccoloba uvifera*), eight gumbo limbo (*Bursera simaruba*), two strangler fig (*Ficus aurea*), one pigeon plum (*Coccoloba diversifolia*), three silver buttonwood (*Conocarpus erectus* var. *sericeus*), two mahogany (*Swietenia mahagoni*), two live oak (*Quercus virginiana*), one pink tabebuia (*Tabebuia heterophylla*), and one green buttonwood (*Conocarpus erectus*).

Trees 1 through 2, 79, & 84 – Tamarind (*Tamarindus indica*) Four (4) trees were assessed in fair condition due to lopsided growth, limb damage, and bent trunk. Root inspection was not conducted during this assessment.

Palms 3 through 4, 35, 50 through 68, 71 through 77, 81, 83, 85 through 89 – Cabbage Palm (*Sabal palmetto*) Twenty-six (26) of these trees were assessed in good condition and four (4) were observed in fair condition due to a bent and damaged trunk. Root inspection was not conducted during this assessment.

Palms 5 through 7 – Thatch Palm (*Thrinax radiata*) These existing palms were assessed in good condition as it was observed to not be constrained by anything in its immediate surroundings. Root inspection was not conducted during this assessment.

Trees 8, 10 through 16, 20, 27 through 34, 38 through 40, 42 through 47 – Sea Grape (*Coccoloba uvifera*) The twenty (20) trees were observed in fair condition due to a bent trunk and limb damage. Root inspection was not conducted during this assessment.

Trees 17-19, 24, 26, 78, 93 through 94 – Gumbo Limbo (*Bursera simaruba*) Seven (7) were observed in good condition, and one (1) was observed in fair condition due to a bent trunk. Root inspection was not conducted during this assessment.

Trees 25 & 37 – Strangler Fig (*Ficus aurea*) One (1) was assessed in good condition and one (1) was assessed in fair condition due to apical die-back and limb damage. Root inspection was not conducted during this assessment.

Tree 36 – Pigeon Plum (*Coccoloba diversifolia*) This tree was observed in fair condition due to leaning, limb damage, and brown foliage. Root inspection was not conducted during this assessment.

Trees 41, 90 through 91 – Silver Buttonwood (*Conocarpus erectus* var. *sericeus*) One (1) was observed in good condition and two (2) were observed in fair condition due to being lopsided, brown foliage, co-dominant leaders, minor limb damage, and a bent trunk. Root inspection was not conducted during this assessment.

Trees 48 & 94– Mahogany (*Swietenia mahagoni*) These trees were observed in good condition aside from minor limb damage and being lopsided. Root inspection was not conducted during this assessment.

Trees 49 & 69 – Live Oak (*Quercus virginiana*) Two (2) live oaks were observed in good condition aside from bent and co-dominant leaders and minor limb damage. Root inspection was not conducted during this assessment.

Tree 70 – Pink Tabebuia (*Tabebuia heterophylla*) This tree was observed in good condition aside from minor limb damage. Root inspection was not conducted during this assessment.

Tree 82 – Green Buttonwood (*Conocarpus erectus*) This tree was observed in fair condition due to co-dominant leaders and minor limb damage. Root inspection was not conducted during this assessment.

TREE DISPOSITION

Trees were surveyed within the vicinity of the proposed project to assess potential impacts. The majority of these trees will not be affected by construction activities and are expected to remain in place. Protection measures will be implemented for all trees not proposed for relocation or removal, in accordance with applicable standards.

Based on the current design and disposition plan, a total of nine trees are proposed to be relocated. These include species such as tamarind (*Tamarindus indica*), sea grape (*Coccoloba uvifera*), and gumbo limbo (*Bursera simaruba*). These trees will be transplanted following best management practices, including appropriate root ball preparation, irrigation, and stabilization to support successful establishment at their new locations.

Additionally, several trees that were previously proposed for removal—such as sea grape and thatch palm (*Thrinax radiata*)—will now be retained in place. These changes reflect efforts to reduce tree impacts by modifying the construction footprint. Protective measures, including barrier installation and canopy pruning consistent with ISA standards, will be implemented to preserve the health and structure of these trees during construction.

Below is a summary of the individual tree information and corresponding photos for the selected species proposed for relocation, as well as those that were previously proposed for removal but are now designated to remain in place.

RECOMMENDATIONS

If the trees and palms mentioned in any condition less than good are to be relocated or to remain, they must be reviewed by a certified arborist. The trees and palms that are in good condition are candidates for relocation or to remain.

A City of Miami Beach permit is required for the removal or relocation of trees, except for certain species, sizing, or locations. In order to remove or relocate trees, the removal and relocation must

be justified, and either relocation or replacement of trees must take place. Certain steps are required to be taken to ensure that trees are not damaged during construction activities. These include installation and maintenance of highly visible tree protection barriers and conducting onsite pre-construction meetings to go over tree protection related issues.

When preparing a tree for relocation, especially when root pruning is involved, the recommended root ball size should follow the ANSI A300 Standards. These guidelines base root ball dimensions on the tree's trunk diameter (caliper) or diameter at breast height (DBH). For trees with a trunk diameter of 2 inches or more, the root ball should be approximately 10 to 12 inches in diameter for every inch of trunk diameter. The depth of the root ball typically ranges from 60 to 75 percent of its diameter, depending on species and soil conditions.

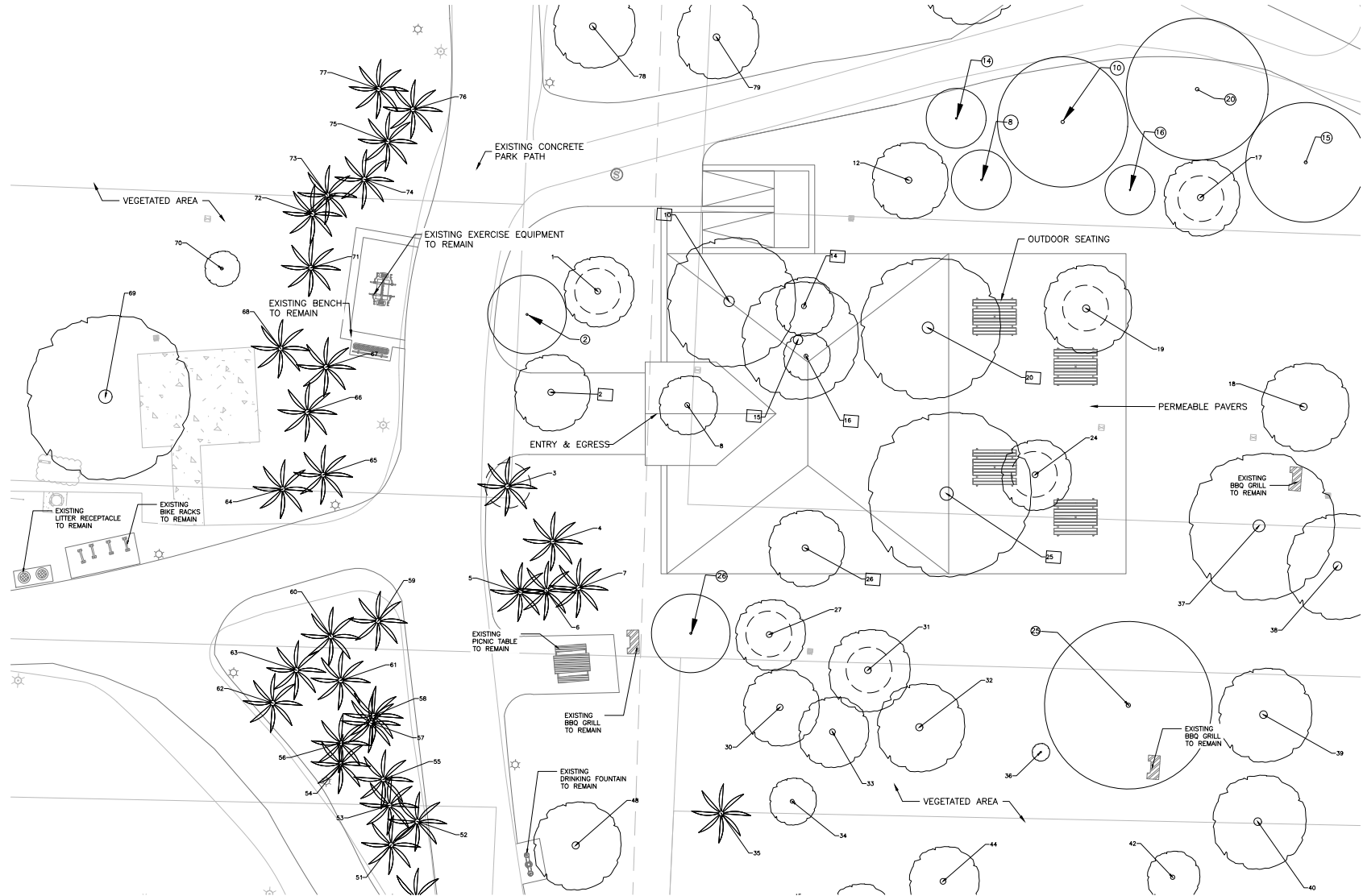
Native South Florida species, such as gumbo limbo and sea grape, often benefit from larger root balls due to their expansive lateral root systems. To improve transplant success, root pruning and pre-digging should occur 4 to 8 weeks in advance to encourage the development of feeder roots within the root ball. During and after relocation, stabilization (such as staking or guying), consistent irrigation, and minimal canopy pruning are essential to support successful tree establishment at the new site.

This arborist review identifies apparent tree deficiencies present at the time of review. Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. No tree can be deemed safe and risk free. Deficiencies are often hidden within trees, below ground or not clearly visible from the ground. Arborists cannot guarantee that a tree will be healthy, safe, or adequately protected under all circumstances or for a specified period. Likewise, remedial, protective, and mitigating treatments and recommendations cannot be guaranteed.

Specifications and Recommendations below:

- Trenching and digging in the soil near trees can cut roots, and this can damage the tree resulting in tree decline or the tree falling over.
- The impact from pruning roots depends on several factors. Damage typically increases with more cuts, bigger cuts, and cuts made closer to the trunk. Even cutting small (less than one-half inch) roots under or outside the edge of the canopy for long stretches can cut off water supply to the tree. This can cause the tree to decline or die during the next several years
- Root pruning, of non-surface roots, will occur no closer to the trunk than a distance equal to 3 times the trunk diameter, preferably 6 times the trunk diameter. For this assessment Critical Root Zone (ft)(CRZ) will be described as 6 times the diameter of trunk at DBH. Root pruning will be conducted only with sharp tools to avoid tearing behind the cuts.

- Limb pruning should be done in accordance with the American National Standards Institute (ANSI) A300 standards. Common pruning goals are to improve tree structure or health.
- Tree Protection Zones (TPZ) should be established around trees to remain. A standard Tree Protection Zone (ft) is defined as either the edge of the dripline based on crown radius measured in feet or 1-foot radius of tree protection for each 1-inch of trunk diameter measured at DBH.



TREE DISPOSITION PLAN
1/8"=1'-0"

LEGEND:

- TREES/PALMS TO REMAIN
- TREES/PALMS TO BE RELOCATED
- RELOCATED TREES/PALMS
- TREE PRESERVATION BARRICADE

NOTES:



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954-535-7000
www.millerlegg.com
Landscape Architect of Record:
Casto Miguel Juncal
#LA6667184

This item has been digitally signed and sealed by Casto Miguel Juncal, RLA on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SEAL:



APPROVED: CASTO MIGUEL JUNCAL, RLA
FL LICENSE NO. LA6667184 exp. 12/31/2025

MIAMI BEACH

CAPITAL IMPROVEMENT PROJECTS OFFICE
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL 33139

CITY MANAGER: ERIC CARPENTER, P.E.
CIP DIRECTOR: DAVID GOMEZ

CITY ENGINEER: CRISTINA ORTEGA
CASTINEIRAS, P.E.

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NO.	DATE	REVISION	APPD. BY	



ARCHITECT OF RECORD:

ADRIAN PRICE
FL. NO. AR97961

ARCHITECT OF RECORD:

DESIGN ENGINEER:
DRAWN BY:
CHECKER:
SCALE: 1/8" = 1'-0"

NEIGHBORHOOD:

8328 COLLINS AVE, MIAMI BEACH, FL 33141

TITLE:

TREE DISPOSITION PLAN

File Name: CITY OF MIAMI BEACH NORTH BEACH LOG CABIN

Work Order: 20252416-00

Date: JUNE 2025

Drawing: TDP-1

TREE DISPOSITION TABLE													
SHEET NUMBER	TREE NO.	SYMBOL	BOTANICAL NAME	COMMON NAME	DBH (IN.) FOR TREES/ CTH (FT.) FOR PALMS	HEIGHT (FT.) (APPROX.)	CANOPY SPREAD (FT.) (APPROX.)	LOCATION		CONDITION	CONDITION %	DISPOSITION	NOTES
								NORTHING	EASTING				
	1		Tamarindus indica	Tamarind	12	32	40	558058.03	945326.45	Fair	50%	REMAIN	Bent Trunk Limb Damage - Minor Lopsided TREE PROTECTION, BRANCH PRUNING
	2		Tamarindus indica	Tamarind	13	30	30	558040.41	945319.78	Fair	55%	RELOCATE	Bent Trunk Limb Damage - Minor
	3		Sabal palmetto	Cabbage Palm	8	26	8	558024.01	945313.58	Fair	55%	REMAIN	TREE PROTECTION
	4		Sabal palmetto	Cabbage Palm	12	28	8	558015.26	945321.91	Fair	55%	REMAIN	Bent Trunk
	5		Thrinax radiata	Thatch Palm	4	14	4	558006.31	945317.01	Good	80%	REMAIN	
	6		Thrinax radiata	Thatch Palm	4	20	6	558006.89	945321.42	Good	80%	REMAIN	
	7		Thrinax radiata	Thatch Palm	4	16	6	558007.73	945326.83	Good	80%	REMAIN	
	8		Coccoloba uvifera	Sea Grape	10	30	32	558039.94	945342.93	Fair	50%	RELOCATE	Bent Trunk Co-Dominant Leaders
	10		Coccoloba uvifera	Sea Grape	22	32	40	558057.92	945348.73	Fair	50%	RELOCATE	Bent Trunk Co-Dominant Leaders
	11		NOT USED										
	12		Coccoloba uvifera	Sea Grape	13	32	34	558080.57	945377.58	Fair	60%	REMAIN	Bent Leader Limb Damage - Minor
	13		NOT USED										
	14		Coccoloba uvifera	Sea Grape	10	32	30	558058.02	945361.41	Fair	45%	RELOCATE	Bent Trunk Limb Damage - Minor
	15		Coccoloba uvifera	Sea Grape	20	32	36	558052.27	945360.83	Fair	50%	RELOCATE	Bent Trunk Co-Dominant Leaders Limb Damage - Minor
	16		Coccoloba uvifera	Sea Grape	8	24	20	558049.63	945362.38	Fair	50%	RELOCATE	Bent Trunk Lopsided
	17		Bursera simaruba	Gumbo Limbo	13	22	30	558081.19	945427.02	Good	70%	REMAIN	TREE PROTECTION, BRANCH / ROOT PRUNING
	18		Bursera simaruba	Gumbo Limbo	15	28	34	558047.12	945446.96	Good	70%	REMAIN	Lopsided
	19		Bursera simaruba	Gumbo Limbo	15	24	34	558061.07	945409.07	Good	80%	REMAIN	TREE PROTECTION, BRANCH / ROOT PRUNING
	20		Coccoloba uvifera	Sea Grape	24	36	40	558055.90	945382.60	Fair	50%	RELOCATE	Bent Trunk Co-Dominant Leaders Limb Damage - Minor
	21		NOT USED										
	22		NOT USED										
	23		NOT USED										
	24		Bursera simaruba	Gumbo Limbo	12	28	30	558032.39	945402.48	Good	70%	REMAIN	Trunk Damage - Minor TREE PROTECTION, BRANCH / ROOT PRUNING
	25		Ficus aurea	Strangler Fig	28	36	60	558028.13	945387.77	Good	70%	RELOCATE	Limb Damage - Minor
	26		Bursera simaruba	Gumbo Limbo	13	34	30	558017.23	945364.58	Fair	60%	RELOCATE	Bent Trunk Limb Damage - Minor Lopsided
	27		Coccoloba uvifera	Sea Grape	12	26	24	558002.19	945359.55	Fair	50%	REMAIN	TREE PROTECTION, BRANCH / ROOT PRUNING
	28		NOT USED										
	29		NOT USED										
	30		Coccoloba uvifera	Sea Grape	13	32	34	557990.03	945362.25	Fair	50%	REMAIN	Bent Trunk Limb Damage - Minor
	31		Coccoloba uvifera	Sea Grape	14	30	34	557997.37	945376.63	Fair	50%	REMAIN	TREE PROTECTION, BRANCH / ROOT PRUNING
	32		Coccoloba uvifera	Sea Grape	15	32	34	557988.37	945386.02	Fair	50%	REMAIN	Bent Trunk Limb Damage - Minor
	33		Coccoloba uvifera	Sea Grape	12	34	36	557986.54	945371.41	Fair	55%	REMAIN	Limb Damage - Minor Lopsided
	34		Coccoloba uvifera	Sea Grape	8	22	20	557974.33	945365.46	Fair	45%	REMAIN	Bent Trunk Lopsided
	35		Sabal palmetto	Cabbage Palm	10	8	10	557971.43	945353.63	Good	75%	REMAIN	
	36		Coccoloba diversifolia	Pigeon Plum	3	16	10	557985.64	945406.79	Fair	55%	REMAIN	Brown Foliage Leaning Limb Damage - Minor
	37		Ficus aurea	Strangler Fig	25	32	40	558026.49	945440.88	Fair	50%	REMAIN	Apical Dieback Limb Damage - Minor
	38		Coccoloba uvifera	Sea Grape	18	34	36	558020.68	945454.63	Fair	45%	REMAIN	Bent Trunk Constricted Roots Partially Uprooted
	39		Coccoloba uvifera	Sea Grape	16	34	30	557994.68	945443.93	Fair	45%	REMAIN	Bent Trunk Co-Dominant Leaders Partially Uprooted
	40		Coccoloba uvifera	Sea Grape	16	28	30	557976.56	945444.27	Fair	45%	REMAIN	Co-Dominant Leaders Partially Uprooted
	41		Conocarpus erectus var. sericeus	Silver Buttonwood	12	24	26	557998.04	945470.99	Fair	50%	REMAIN	Bent Trunk Co-Dominant Leaders Limb Damage - Minor
	42		Coccoloba uvifera	Sea Grape	9	20	22	557966.13	945430.59	Fair	45%	REMAIN	Bent Trunk Co-Dominant Leaders Poor Structure
	43		NOT USED										
	44		Coccoloba uvifera	Sea Grape	12	24	20	557962.65	945391.88	Fair	45%	REMAIN	Bent Trunk Limb Damage - Minor Lopsided
	45		Coccoloba uvifera	Sea Grape	11	24	28	557955.82	945378.16	Fair	55%	REMAIN	Bent Trunk Co-Dominant Leaders
	46		Coccoloba uvifera	Sea Grape	25	32	36	557941.67	945371.97	Fair	50%	REMAIN	Co-Dominant Leaders Leaning Lopsided
	47		NOT USED										
	48		Swietenia mahagoni	Mahogany	15	38	40	557964.25	945329.47	Good	80%	REMAIN	Limb Damage - Minor
	49		Quercus virginiana	Live Oak	14	32	34	557942.04	945339.43	Good	80%	REMAIN	
	50		Sabal palmetto	Cabbage Palm	11	32	8	557953.46	945303.16	Good	70%	REMAIN	Bent Leader
	51		Sabal palmetto	Cabbage Palm	10	20	12	557962.08	945298.31	Good	70%	REMAIN	
	52		NOT USED										
	53		NOT USED										
	54		NOT USED										
	55		Sabal palmetto	Cabbage Palm	12	22	10	557973.06	945296.22	Good	70%	REMAIN	
	56		Sabal palmetto	Cabbage Palm	11	20	10	557978.65	945288.60	Good	70%	REMAIN	
	57		NOT USED										
	58		Sabal palmetto	Cabbage Palm	10	20	10	557983.66	945293.79	Good	70%	REMAIN	
	59		Sabal palmetto	Cabbage Palm	9	28	8	557999.73	945293.39	Good	65%	REMAIN	Bent Trunk
	60		Sabal palmetto	Cabbage Palm	9	26	8	557996.54	945285.62	Good	65%	REMAIN	Bent Leader
	61		NOT USED										
	62		Sabal palmetto	Cabbage Palm	8	32	10	557984.59	945276.62	Good	65%	REMAIN	Bent Trunk
	63		NOT USED										
	64		Sabal palmetto	Cabbage Palm	9	26	10	558020.82	945275.70	Good	70%	REMAIN	
	65		NOT USED										

NOTES:

MILLER LEGG
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Landscape Architect of Record:
Casto Miguel Juncal
#LA6667184

This item has been digitally signed and sealed by Casto Miguel Juncal, RLA on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SEAL:



APPROVED: CASTO MIGUEL JUNCAL, RLA
LA LICENSE NO. LA6667184 exp. 12/31/2025

MIAMI BEACH
CAPITAL IMPROVEMENT PROJECTS OFFICE
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL 33139

CITY MANAGER: ERIC CARPENTER, P.E.
CIP DIRECTOR: DAVID GOMEZ
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

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1				
NO.	DATE	REVISION	APPD. BY	BEA

ARCHITECT OF RECORD:
ADRIAN PRICE
FL. NO. AR97961

ARCHITECT OF RECORD: A.P.
DESIGN ENGINEER: _____
DRAWN BY: D.C.
CHECKER: A.P.
SCALE: 1/8" = 1'-0"

NEIGHBORHOOD:
8328 COLLINS AVE, MIAMI BEACH, FL 33141
TITLE:
TREE DISPOSITION CHART

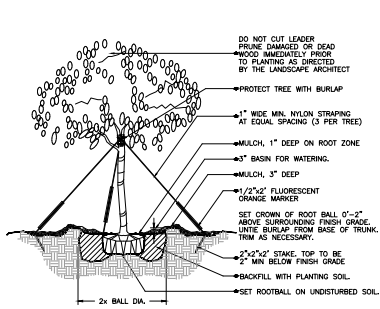
File Name: CITY OF MIAMI BEACH NORTH BEACH LOG CABIN

Work Order: 20252416-00
Date: JUNE 2025
Drawing: TDP-2

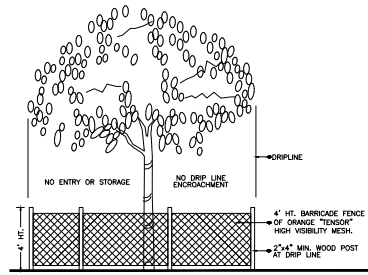
GENERAL NOTES:

- ALL PLANTING BEDS AND WATER BASINS FOR TREES SHALL BE COVERED WITH A 3" MINIMUM DEPTH OF SHREDED EUCALYPTUS OR FLORIMULCH GRADE 97 OR BETTER.
- THE PLANTING PLAN SHALL BE INSTALLED IN COMPLIANCE WITH ALL EXISTING CODES AND APPLICABLE DEED RESTRICTIONS.
- PLANTING SOIL: ALL TREES SHALL BE PLANTED WITH A MINIMUM OF 12" TOPSOIL AROUND AND BENEATH THE ROOTBALL.
- PLANTING SOIL TO BE A WEED-FREE MIXTURE OF 50% SAND, 40% MUCK, AND 10% CANADIAN PEAT. ALL PLANT MATERIAL TO RECEIVE PLANTING SOIL AS PER DETAILS.
- CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL UTILITY LOCATIONS AND INSTALLING FACILITIES SO AS TO NOT CONFLICT. ALL DAMAGE TO EXISTING UTILITIES OR IMPROVEMENTS CAUSED BY CONTRACTOR SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR TO NOTIFY "SUNSHINE STATE ONE CALL OF FLORIDA, INC." AT 1-800-432-4770 TWO FULL BUSINESS DAYS PRIOR TO DIGGING FOR UNDERGROUND UTILITY LOCATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FINAL GRADING OF ALL ASSOCIATED PLANTING AREAS.
- AFTER FINAL GRADE, AREA TO BE RAKED TO 4" DEPTH AND ALL ROCK AND FOREIGN INORGANIC MATERIALS REMOVED AND DISPOSED OF PROPERLY OFF-SITE.
- ALL PLANTING HOLES TO BE HAND DUG EXCEPT WHERE MACHINE DUG HOLES WILL NOT ADVERSELY AFFECT OR DAMAGE UTILITIES, IMPROVEMENTS OR EXISTING PLANT MATERIAL TO REMAIN (SEE NOTE 8).
- NO PLUNGING OF ANY TREE OR PALM WILL BE ACCEPTED. ALL PLANTS TO BE PLANTED AT NATURAL GRADE OR SLIGHTLY HIGHER.
- CONTRACTOR SHALL STAKE & GUY ALL TREES AND PALMS AT TIME OF PLANTING AS PER THE APPROPRIATE DETAIL. CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE AND/OR REPAIR OF ALL STAKING AND GUYING DURING WARRANTY PERIOD AND REMOVAL & DISPOSAL OF STAKING AFTER ESTABLISHMENT PERIOD.
- WATERING: ALL PLANT MATERIAL SHALL BE WATERED IN AT TIME OF PLANTING IN ACCORDANCE WITH STANDARD NURSERY PRACTICES. IN ADDITION, CONTRACTOR WILL CONTINUE WATERING OF PLANT MATERIAL UNTIL SUBSTANTIAL COMPLETION AND AS NEEDED THEREAFTER FOR A PERIOD OF 2 MONTHS.
- ALL RELOCATED PLANT MATERIAL SHALL BE GUARANTEED FOR 1 YEAR FROM TIME OF FINAL ACCEPTANCE OF PROJECT. ANY PLANT MATERIAL NOT IN A HEALTHY GROWING CONDITION WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER WITHIN 10 DAYS OF NOTIFICATION. FOR ALL REPLACEMENT PLANT MATERIAL, THE WARRANTY PERIOD SHALL BE EXTENDED AN ADDITIONAL 45 DAYS BEYOND THE ORIGINAL WARRANTY PERIOD. ALL TREES THAT LEAN OR ARE BLOWN OVER, CAUSED BY WINDS LESS THAN 75 MPH, WILL BE RE-SET AND BRACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- THE SUCCESSFUL BIDDER SHALL FURNISH TO THE OWNER A UNIT PRICE BREAKDOWN FOR ALL MATERIALS. THE OWNER MAY, AT ITS DISCRETION, ADD OR DELETE FROM THE MATERIALS UTILIZING THE UNIT PRICE BREAKDOWN SUBMITTED.
- ROOT-PRUNE ALL TREES A MINIMUM OF (12) WEEKS PRIOR TO PLANTING.
- TREE PROTECTION BARRICADES SHALL BE PROVIDED BY LANDSCAPE CONTRACTOR AROUND EXISTING TREES THAT MAY BE IMPACTED BY THE PROPOSED CONSTRUCTION. PRIOR TO ANY CONSTRUCTION A TREE PROTECTION BARRICADE INSPECTION SHALL BE CONDUCTED BY THE LANDSCAPE ARCHITECT, OWNER OR GOVERNING MUNICIPALITY. REFER TO LANDSCAPE DETAIL FOR TREE PRESERVATION BARRICADE FENCING.
- IN ALL PEDESTRIAN AREAS, ALL TREES AND PALMS SHALL BE MAINTAINED TO ALLOW FOR CLEAR PASSAGE AT AN 8 FOOT CLEAR TRUNK.
- WATERING REQUIREMENTS:
PROVIDED: A MINIMUM 12 WEEKS OF WATERING AFTER RELOCATION. SUBMIT A WATERING SCHEDULE PRIOR TO ROOT PRUNING INCLUDING ANTICIPATED FREQUENCY AND VOLUME BASED UPON THE RECOMMENDED SCHEDULE BELOW.

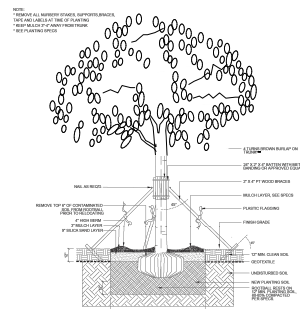
RECOMMENDED WATER REQUIREMENTS					
WEEK 1-2	WEEKS 3-4	WEEK 5-6	WEEKS 7-8	WEEKS 9-10	WEEK 12
4 TIMES PER WEEK	3 TIMES PER WEEK	3 TIMES PER WEEK	2 TIMES PER WEEK	2 TIMES PER WEEK	2 TIMES PER WEEK
- ROOT PRUNE NOTES:
 - ROOT PRUNING SHALL BE DONE WHENEVER THERE WILL BE GRADING, CUTTING OR COMPACTION DISTURBANCE UNDERNATH THE DRIP LINE OF A TREE. PRIOR TO ANY WORK WITHIN DRIP LINE, CONTRACTORS SHOULD CONTACT LANDSCAPE ARCHITECT TO COORDINATE WORK. ROOT PRUNING SHALL BE DONE PRIOR TO DISTURBANCE OF THE SITE. NO DISTURBANCE SHALL BE DONE WITHIN A DISTANCE OF 3X THE DIAMETER OF THE TREE, DUE TO STABILITY CONCERNS.
 - BEFORE DISTURBANCE, MEET WITH LANDSCAPE ARCHITECT ON SITE TO CONFIRM LOCATION OF ROOT PRUNING. ROOT PRUNING SHALL BE CONDUCTED AT AN AGREED UPON LOCATION. THIS LOCATION WILL BE MARKED ON THE GROUND BETWEEN THE DISTURBANCE AND THE TREE, TYPICALLY 6' CLOSER TO THE TREE THAN EDGE THE DISTURBANCE.
 - ALL ROOTS 3/4"-1.5 DIAMETERS MUST BE PRUNED. IF 2.5" OR LARGER ROOTS ARE ENCOUNTERED, STOP PRUNING IN THAT AREA AND CONTACT LANDSCAPE ARCHITECT. ROOT PRUNING SHALL ONLY BE AS DEEP AS NECESSARY TO ENSURE THE CUTTING OF ALL ROOTS WHICH WOULD BE IMPACTED BY THE DISTURBANCE.
 - ROOT PRUNING SHALL BE DONE WITH A SHARP TOOL, IN SUCH A WAY THAT DOES NOT PULL ON THE ROOTS, BUT LEAVES SMOOTH CUTS. IF IT IS PREFERABLE TO EXPOSE THE ROOTS PRIOR TO ROOT PRUNING, AFTER PRUNING, FILL THE AREA WITH QUALITY TOPSOIL, AND WATER UNTIL THOROUGHLY SOAKED.
 - ONCE EXPOSED, ROOTS MUST BE COVERED WITHIN 8 HOURS. IF ROOTS WILL BE LEFT EXPOSED FOR LONGER THAN 8 HOURS, THEY MUST BE KEPT MOIST. ONE OPTION IS TO PUT MOST BURLAP OVER THE EXPOSED ROOTS. HYDRATE ROOT PRUNE TRENCH TO MAINTAIN MOISTURE. AS NECESSARY UNTIL RELOCATION OF PLANT MATERIAL.
 - ROOT PRUNING SHALL BE DONE BY OR UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST, AND MEET OR EXCEED ANSI A302 OR APPROVED TREE CARE INDUSTRY STANDARDS. A CERTIFIED ARBORIST MUST BE ONSITE DURING THE ENTIRETY OF ROOT PRUNING.
 - ALL ROOT PRUNING SHALL BE DONE PER ANSI A302.
- ROOT-PRUNE: MINIMUM OF (12) WEEKS PRIOR TO RELOCATE TREES.



(2' cal. and over)
LARGE TREE PLANTING DETAIL



TREE PRESERVATION BARRICADE FENCING DETAIL



SPECIMEN TREE PLANTING DETAIL

NOTES:

MILLER LEGG
South Florida Office: 13680 NW 5th Street, Suite 200
Sunrise, Florida 33325
954-536-7000
www.millerlegg.com
Landscape Architect of Record:
Casto Miguel Juncal
#LA6667184

This item has been digitally signed and sealed by Casto Miguel Juncal, RLA on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SEAL:



APPROVED: CASTO MIGUEL JUNCAL, RLA
ALL IMPROVEMENTS IN LA6667184 were: 2/21/2025

MIAMI BEACH

CAPITAL IMPROVEMENT PROJECTS OFFICE
1700 CONVENTION CENTER DRIVE, MIAMI BEACH, FL 33139

CITY MANAGER: ERIC CARPENTER, P.E.
CIP DIRECTOR: DAVID GOMEZ
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.

5				
4				
3				
2				
1				
NO.	DATE	REVISION	APPD. BY	BEA



ARCHITECT OF RECORD:
ADRIAN PRICE
FL. NO. AR97961

ARCHITECT OF RECORD: A.P.
DESIGN ENGINEER: _____
DRAWN BY: D.C.
CHECKER: A.P.
SCALE: 1/8" = 1'-0"

NEIGHBORHOOD:
8328 COLLINS AVE, MIAMI BEACH, FL 33141
TITLE:
TREE MITIGATION CHART

File Name: CITY OF MIAMI BEACH NORTH BEACH LOG CABIN

Work Order: 20252416-00

Date: JUNE 2025

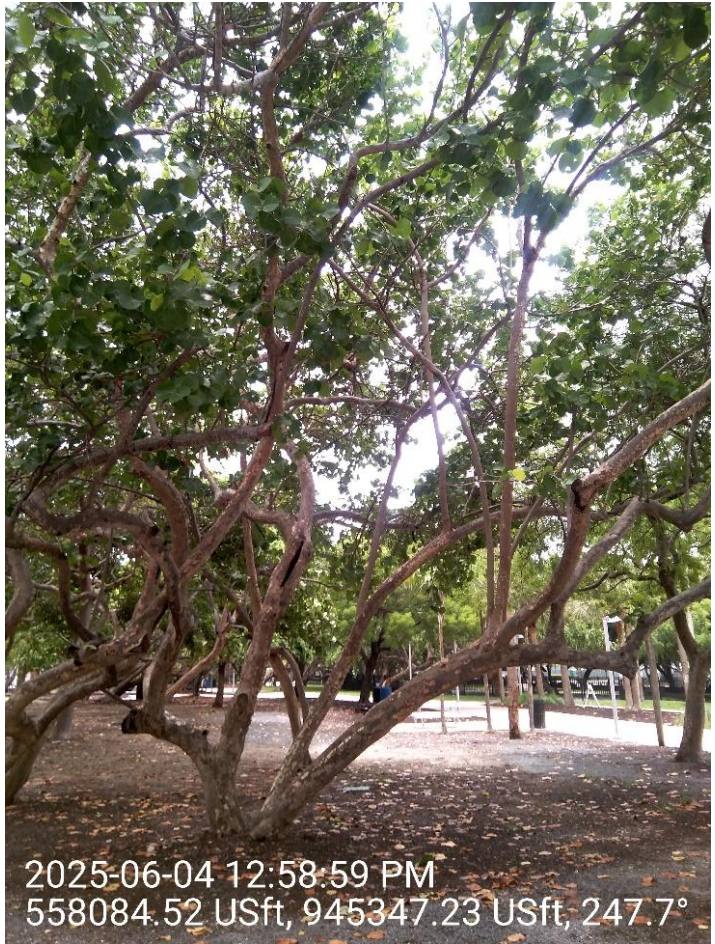
Drawing: TDP-4

Tree Details		Photos
Northing	558058.03	 2025-06-04 12:51:40 PM 558068.37 USft, 945302.02 USft, 320.6°
Easting	945326.45	
Tree ID	1	
Latin Name	<i>Tamarindus indica</i>	
Common Name	Tamarind	
DBH (in)	12	
Height (ft)	32	
Canopy Width (ft)	40	
Observed Conditions	Bent Trunk, Limb Damage – Minor, Lopsided	
Overall Condition	Fair	
Condition %	50%	
Disposition	Remain	

Tree Details		Photos
Northing	558040.41	 2025-06-04 12:52:29 PM 558032.17 USft, 945296.11 USft, 298.1°
Easting	945319.78	
Tree ID	2	
Latin Name	<i>Tamarindus indica</i>	
Common Name	Tamarind	
DBH (in)	13	
Height (ft)	30	
Canopy Width (ft)	30	
Observed Conditions	Bent Trunk, Limb Damage - Minor	
Overall Condition	Fair	
Condition %	55%	
Disposition	Relocate	

Tree Details		Photos
Northing	558024.01	 2025-06-04 12:53:24 PM 558028.08 USft, 945288.93 USft, 137.1°
Easting	945313.58	
Tree ID	3	
Latin Name	<i>Sabal palmetto</i>	
Common Name	Cabbage Palm	
DBH (in)	8	
Height (ft)	26	
Canopy Width (ft)	8	
Observed Conditions		
Overall Condition	Fair	
Condition %	55%	
Disposition	Remain	

Tree Details		Photos
Northing	558039.94	
Easting	945342.93	
Tree ID	8	
Latin Name	<i>Cocoloba uvifera</i>	
Common Name	Sea Grape	
DBH (in)	10	
Height (ft)	30	
Canopy Width (ft)	32	
Observed Conditions	Bent Trunk, Co-Dominant Leaders	
Overall Condition	Fair	
Condition %	50%	
Disposition	Relocate	

Tree Details		Photos
Northing	558057.92	 2025-06-04 12:58:59 PM 558084.52 USft, 945347.23 USft, 247.7°
Easting	945348.73	
Tree ID	10	
Latin Name	<i>Cocoloba uvifera</i>	
Common Name	Sea Grape	
DBH (in)	22	
Height (ft)	32	
Canopy Width (ft)	40	
Observed Conditions	Bent Trunk, Co-Dominant Leaders	
Overall Condition	Fair	
Condition %	50%	
Disposition	Relocate	

Tree Details		Photos
Northing	558058.02	 2025-06-04 01:03:31 PM 558060.62 USft, 945363.13 USft, 113.0°
Easting	945361.41	
Tree ID	14	
Latin Name	<i>Cocoloba uvifera</i>	
Common Name	Sea Grape	
DBH (in)	10	
Height (ft)	32	
Canopy Width (ft)	30	
Observed Conditions	Bent Trunk, Limb Damage - Minor	
Overall Condition	Fair	
Condition %	45%	
Disposition	Relocate	

Tree Details		Photos
Northing	558052.27	 2025-06-04 01:04:11 PM 558055.11 USft, 945369.38 USft, 329.7°
Easting	945360.83	
Tree ID	15	
Latin Name	<i>Cocoloba uvifera</i>	
Common Name	Sea Grape	
DBH (in)	20	
Height (ft)	32	
Canopy Width (ft)	36	
Observed Conditions	Bent Trunk, Co-Dominant Leaders, Limb Damage - Minor	
Overall Condition	Fair	
Condition %	50%	
Disposition	Relocate	

Tree Details		Photos
Northing	558049.63	 2025-06-04 01:04:44 PM 558052.71 USft, 945370.21 USft, 357.6°
Easting	945362.38	
Tree ID	16	
Latin Name	<i>Cocoloba uvifera</i>	
Common Name	Sea Grape	
DBH (in)	8	
Height (ft)	24	
Canopy Width (ft)	20	
Observed Conditions	Bent Trunk, Lopsided	
Overall Condition	Fair	
Condition %	50%	
Disposition	Relocate	

Tree Details		Photos
Northing	558081.19	 2025-06-04 01:06:21 PM 558076.02 USft, 945446.2 USft, 182.1°
Easting	945427.02	
Tree ID	17	
Latin Name	<i>Bursera simaruba</i>	
Common Name	Gumbo Limbo	
DBH (in)	13	
Height (ft)	22	
Canopy Width (ft)	30	
Observed Conditions		
Overall Condition	Good	
Condition %	70%	
Disposition	Remain	

Tree Details		Photos
Northing	558061.07	 2025-06-04 01:11:43 PM 558060.04 USft, 945431.94 USft, 138.8°
Easting	945409.07	
Tree ID	19	
Latin Name	<i>Bursera simaruba</i>	
Common Name	Gumbo Limbo	
DBH (in)	15	
Height (ft)	24	
Canopy Width (ft)	34	
Observed Conditions		
Overall Condition	Good	
Condition %	80%	
Disposition	Remain	

Tree Details		Photos
Northing	558055.90	
Easting	945382.60	
Tree ID	20	
Latin Name	<i>Cocoloba uvifera</i>	
Common Name	Sea Grape	
DBH (in)	24	
Height (ft)	36	
Canopy Width (ft)	40	
Observed Conditions	Bent Trunk, Co-Dominant Leaders, Limb Damage	
Overall Condition	Fair	
Condition %	50%	
Disposition	Relocate	

Tree Details		Photos
Northing	558032.39	 2025-06-04 01:17:57 PM 558048.86 USft, 945416.29 USft, 83.6°
Easting	945402.48	
Tree ID	24	
Latin Name	<i>Bursera simaruba</i>	
Common Name	Gumbo Limbo	
DBH (in)	12	
Height (ft)	28	
Canopy Width (ft)	30	
Observed Conditions	Trunk Damage – Minor	
Overall Condition	Good	
Condition %	70%	
Disposition	Remain	

Tree Details		Photos
Northing	558028.13	 2025-06-04 01:19:59 PM 558034.44 USft, 945355.53 USft, 321.7°
Easting	945387.77	
Tree ID	25	
Latin Name	<i>Ficus aurea</i>	
Common Name	Strangler Fig	
DBH (in)	28	
Height (ft)	36	
Canopy Width (ft)	60	
Observed Conditions	Limb Damage – Minor	
Overall Condition	Good	
Condition %	70%	
Disposition	Relocate	

Tree Details		Photos
Northing	558017.23	 2025-06-04 01:21:53 PM 558021.28 USft, 945338.11 USft, 327.8°
Easting	945364.58	
Tree ID	26	
Latin Name	<i>Bursera simaruba</i>	
Common Name	Gumbo Limbo	
DBH (in)	13	
Height (ft)	34	
Canopy Width (ft)	30	
Observed Conditions	Bent Trunk, Limb Damage – Minor, Lopsided	
Overall Condition	Fair	
Condition %	60%	
Disposition	Relocate	

Tree Details		Photos
Northing	558002.19	
Easting	945359.55	
Tree ID	27	
Latin Name	<i>Cocoloba uvifera</i>	
Common Name	Sea Grape	
DBH (in)	12	
Height (ft)	26	
Canopy Width (ft)	24	
Observed Conditions		
Overall Condition	Fair	
Condition %	50%	
Disposition	Remain	

Tree Details		Photos
Northing	557997.37	
Easting	945376.63	
Tree ID	31	
Latin Name	<i>Cocoloba uvifera</i>	
Common Name	Sea Grape	
DBH (in)	14	
Height (ft)	30	
Canopy Width (ft)	34	
Observed Conditions	Codominant leaders, bent trunk	
Overall Condition	Fair	
Condition %	50%	
Disposition	Remain	