



MIAMI BEACH FINAL DRB SUBMITTAL - 01.08.24

NEW RESIDENCE | 34 STAR ISLAND DRIVE | MIAMI BEACH, FLORIDA

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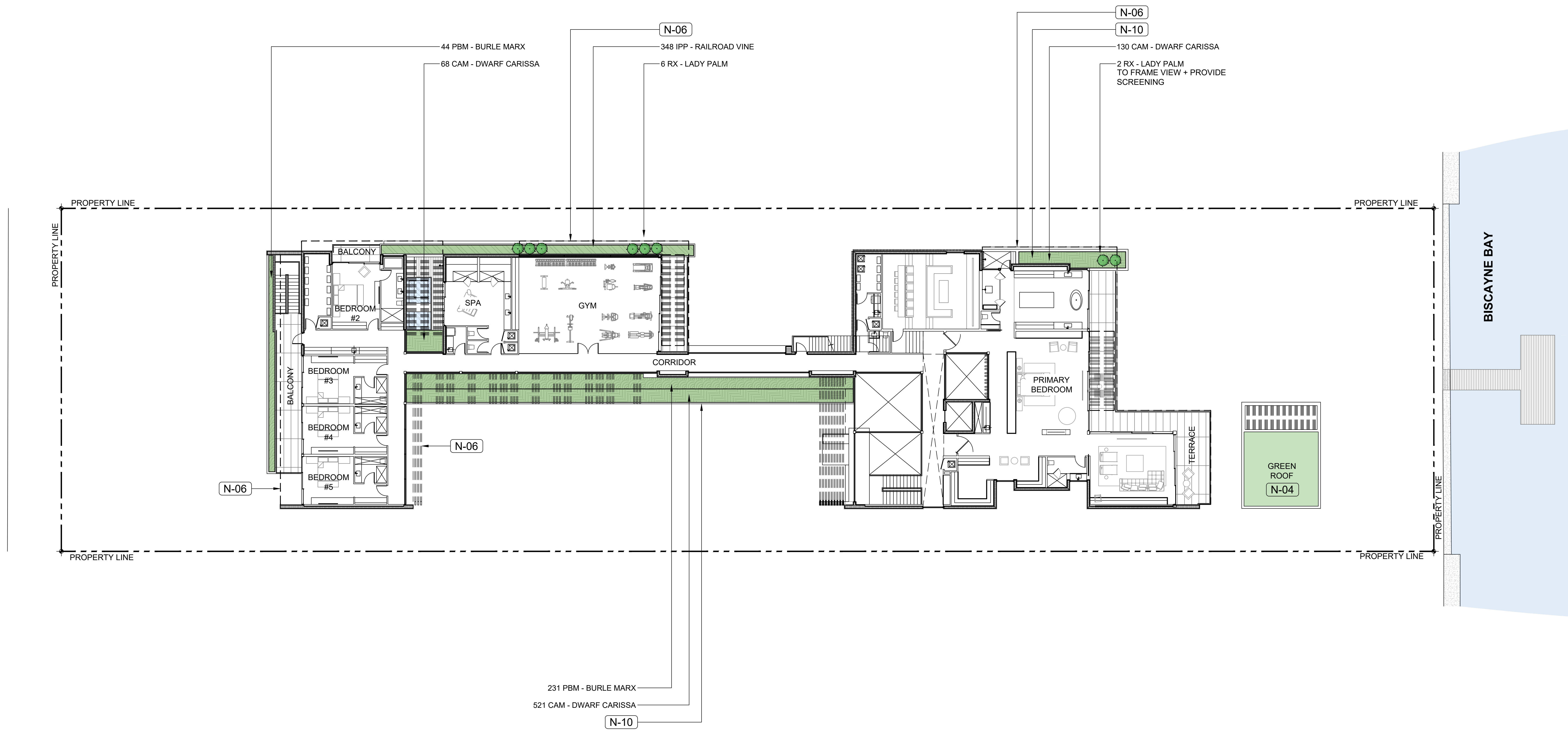
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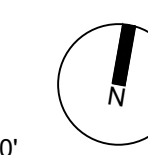
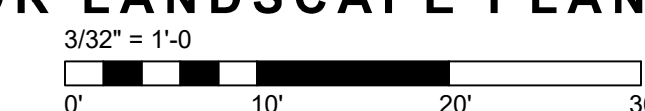
LANDSCAPE NOTE LEGEND

SYMBOL	DESCRIPTION
N-04	ARTIFICIAL TURF FOREVER LAWN FUSION FLEX TURF COLOR : FIELD OLIVE : +/- 465 SF
N-06	DASHED LINE DENOTES STRUCTURE ABOVE
N-10	UPPER LEVEL PLANTER (TYP.)

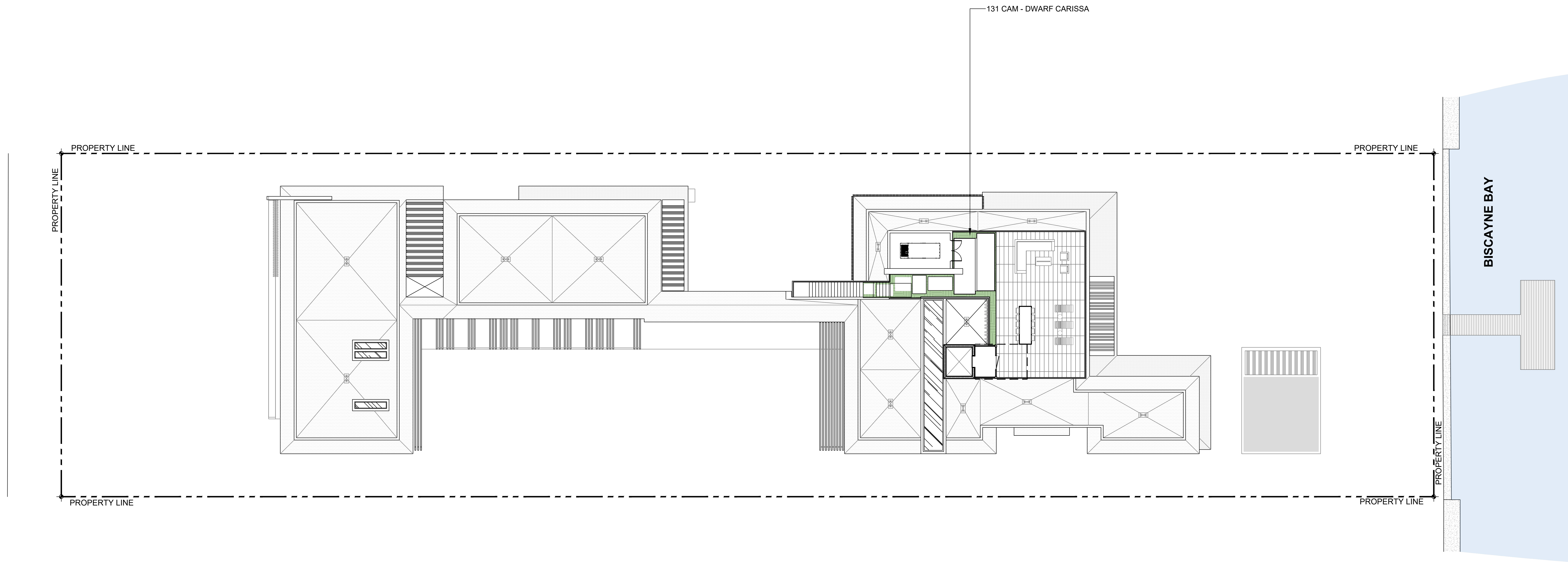
SECOND FLOOR PLANT SCHEDULE

SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
PALMS						
	RX	8	LADY PALM	RHAPIS EXCELSA	NO	7 G, 3'-4" HT, 3' SP, 30" ON CENTER, FULL
GROUND COVERS						
	CAM	719	DWARF CARISSA	CARISSA MACROCARPA 'EMERALD BLANKET'	NO	3 GAL, 12" O.C., FULL
	IPP	348	RAILROAD VINE	IPOMOEA PES-CAPRAE	YES	3 GAL, 18" O.C., FULL
	PBM	275	BURLE MARX	PHILODENDRON X 'BURLE MARX'	NO	3 GAL, 18" O.C., FULL

SECOND FLOOR LANDSCAPE PLAN



STAR ISLAND DRIVE



ROOFTOP PLANT SCHEDULE						
SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
GROUND COVERS						
	CAM	131	DWARF CARISSA	CARISSA MACROCARPA 'EMERALD BLANKET'	NO	3 GAL, 12" O.C., FULL

ROOFTOP LANDSCAPE PLAN



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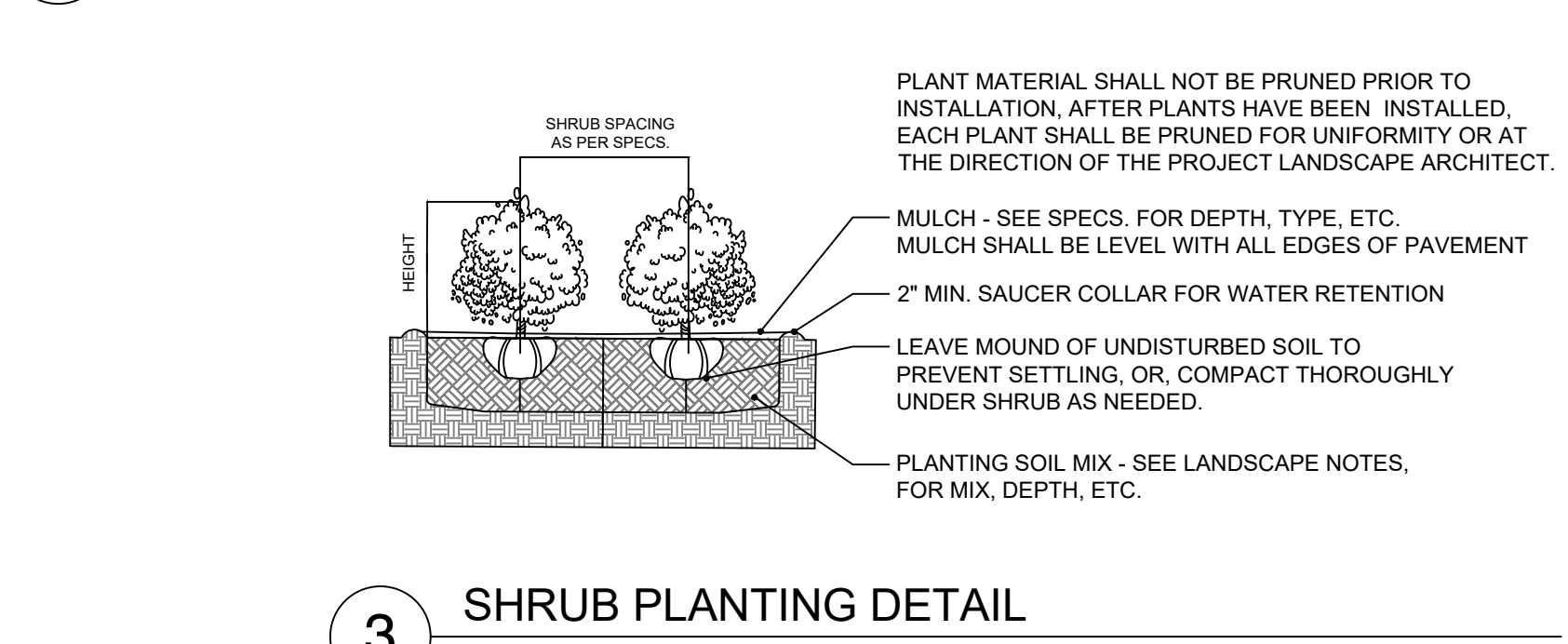
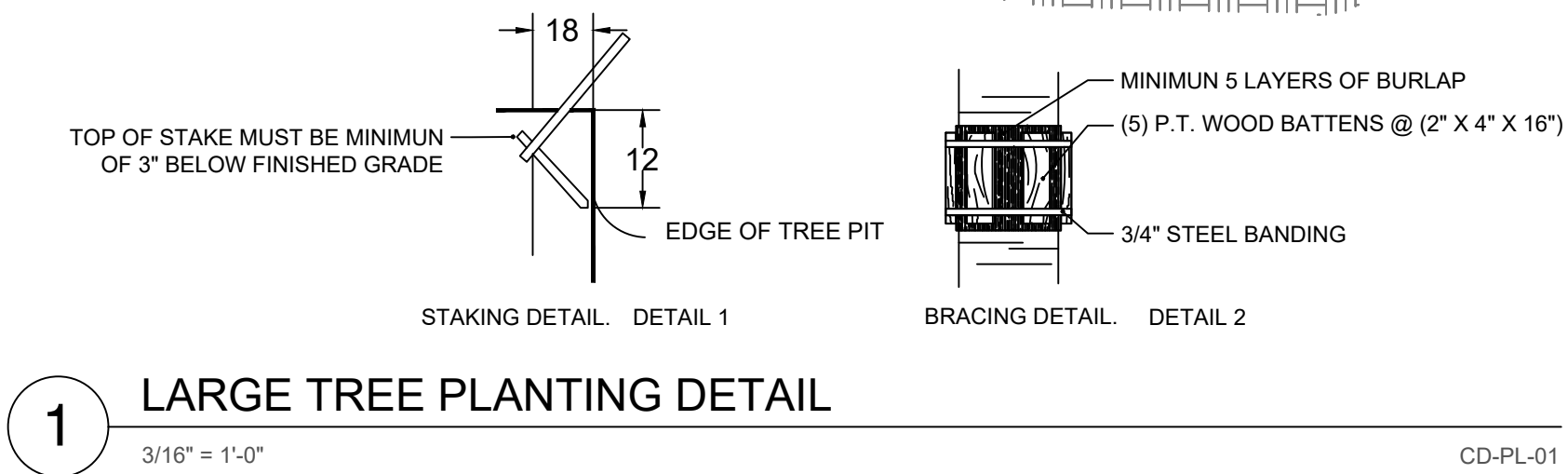
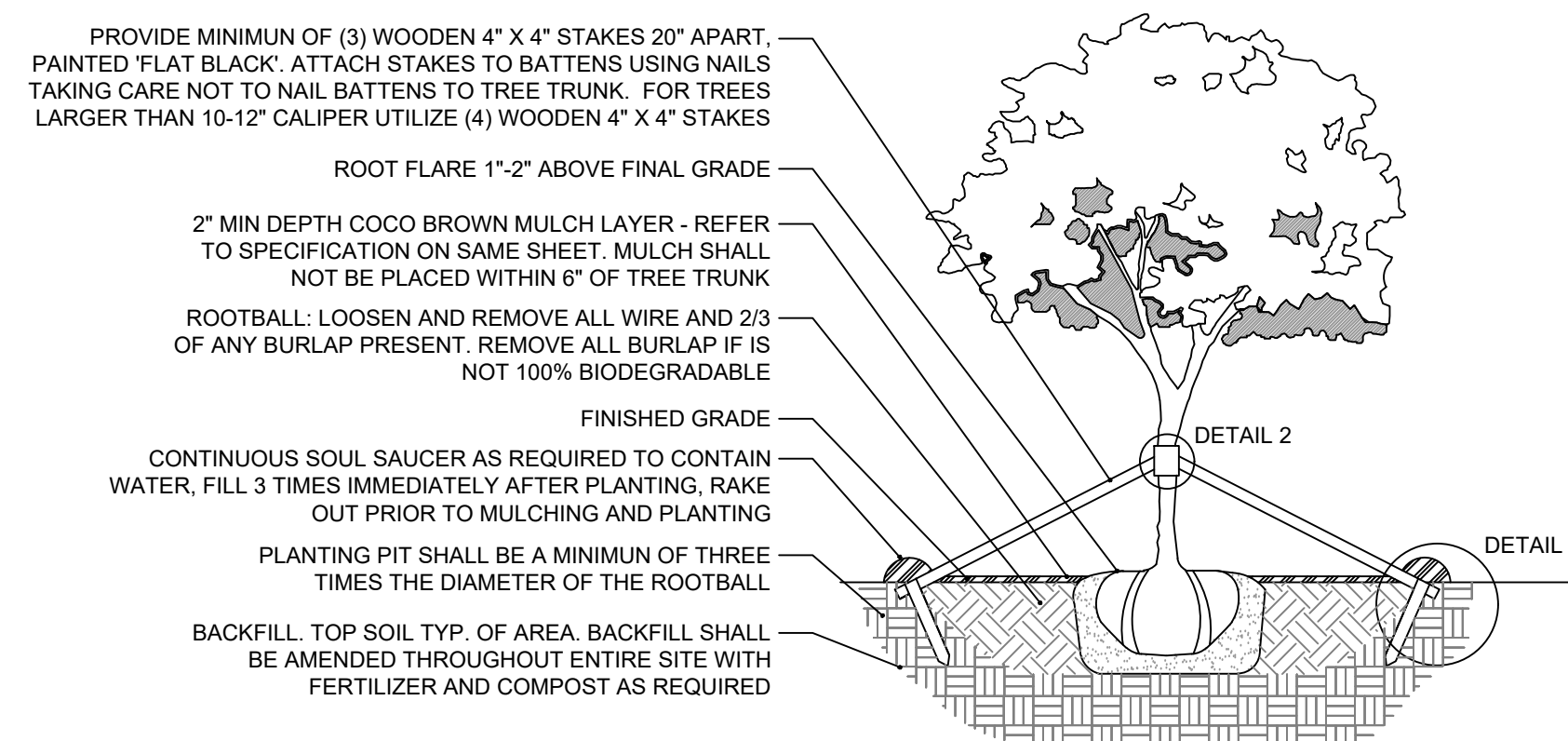
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PLANTING NOTES

- ALL PLANT MATERIAL SHALL BE FLORIDA GRADE NO. 1 OR BETTER.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF, AVOID, AND PROTECT ALL UTILITY LINES, BURIED CABLES, AND OTHER UTILITIES.
- TREE, PALM, ACCENT AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ALL PLANTING SOIL SHALL BE 50/50 TOPSOIL: SAND MIX, FREE OF CLAY, STONES, ROCKS, OR OTHER FOREIGN MATTER. THIS SPECIFICATION INCLUDES ALL BACKFILL FOR BERMS AND OTHER LANDSCAPE AREAS. CARE SHALL BE TAKEN TO AVOID PLACEMENT OF CONSTRUCTION FILL, GRAVEL, AND OR DEBRIS OVER THE ROOT BALLS OF INSTALLED OR EXISTING TREES AND OR PALMS ON SITE. GROUNDCOVER PLANTING BEDS: 6" DEPTH PLANTING SOIL SPREAD IN PLACE-THROUGHOUT. SHRUB AND HEDGE PLANTING AREAS: 12" DEPTH PLANTING SOIL SPREAD IN PLACE-THROUGHOUT. TREES, PALMS, SPECIMEN PLANT MATERIAL LOCATIONS: REMOVE ALL LIMESTONE PRESENT TO A DEPTH OF AT LEAST 30" BEFORE PLACING NEW PLANTING SOIL. APPLY NEW CLEAN PLANTING SOIL IN PLANTING AREAS AS REQUIRED.
- THE SITE CONTRACTOR SHALL BE RESPONSIBLE TO BRING ALL GRADES TO WITHIN 2" OF FINAL GRADES. THIS SHALL INCLUDE A 2" APPLICATION OF 50/50 TOPSOIL: SAND MIX FOR ALL LANDSCAPE AND AREAS TO BE SODDED.
- THE LANDSCAPE CONTRACTOR SHALL CALCULATE AND SUBMIT AN ITEMIZED PRICE FOR THE 2" APPLICATION OF 50/50 MIX FOR ALL SOD AREAS AS A REFERENCE IN THE CASE THAT THERE WOULD BE A DISCREPANCY BETWEEN SITE AND LANDSCAPE CONTRACTORS AND NOTIFY THE SITE CONTRACTOR OR PROJECT SUPERINTENDENT AS TO THIS DISCREPANCY. IT WILL THEN BE DETERMINED WHICH PARTY WILL PROVIDE THIS 2" TOPSOIL: SAND APPLICATION AND SUBSEQUENT PAYMENT. OTHER PLANTING SOIL MIXES TO BE ADDED, I.E. FOR TREES, PALMS, SPECIMEN PLANTS, SHRUBS AND GROUNDCOVER SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR AND BE INCLUSIVE WITH THE LANDSCAPE BID.
- ALL EXISTING TREE + PALM INFORMATION THAT HAS BEEN PROVIDED ON THIS PLAN FOLLOWS THE CITY OF MIAMI BEACH TREE PERMITTING GUIDELINES. ANY TREES OR PALMS CONSIDERED INVASIVE OR THAT FALLS UNDER THE TREE PERMIT EXEMPTION / PROHIBITED SPECIES LIST 24-94 (4) MAY NOT BE SHOWN FOR CLARITY PURPOSES. ANY DISCREPANCIES IF NOTED UPON FURTHER FIELD INSPECTION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT.
- IRRIGATION SHALL PROVIDE FOR A 100% COVERAGE WITH 50% OVERLAP MINIMUM AND BE PROVIDED BY A FULLY AUTOMATIC IRRIGATION SYSTEM W/ RAIN MOISTURE SENSOR ATTACHED TO CONTROLLER. ALL FLORIDA BUILDING CODE APPENDIX "F" IRRIGATION REQUIREMENTS SHALL BE STRICTLY ADHERED TO FOR INSTALLATION AND PREVAILING WATER MANAGEMENT DISTRICT RESTRICTIONS AND REGULATIONS SHALL BE IN COMPLIANCE FOR POST-INSTALLATION WATERING SCHEDULES CONTRACTOR SHALL COORDINATE WITH THE IRRIGATION CONTRACTOR AND LEAVE PROVISIONS FOR ALL SLEEVING AND PIPE ROUTING. ALL UNDERGROUND UTILITIES TO BE LOCATED BY DIALING 811 AS REQUIRED BY LAW.
- ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" w/ APPROVED NATURAL SHREDDED COCO BROWN MULCH FREE FROM WEEDS AND PESTS. NO 'NUGGETS', 'CYPRESS MULCH' OR 'RED DYED MULCH' TO BE ACCEPTED. KEEP MULCH 6" AWAY FROM TREE OR PALM TRUNKS AS PER INDUSTRY RECOMMENDATIONS.
- ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE-YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.
- NURSERY SUPPORT POLES SHALL BE REMOVED AT THE NURSERY, PRIOR TO DELIVERY, AND TREES DELIVERED WITH NURSERY POLES WILL NOT BE ACCEPTED, AND THEREFORE REJECTED, w/ THE EXCEPTION TREE SPECIES: CLUSIA ROSEA + SILVER BUTTONWOOD TREES
- ALL TREES AND PALMS SHALL BE STAKED PER ACCEPTED STANDARDS BY THE FLORIDA NURSERYMEN & GROWERS LANDSCAPE ASSOCIATION (FNGLA) AND ANSI A-300 (PART 6)-2012 TREE, SHRUB, AND OTHER WOODY PLANT MANAGEMENT STANDARD PRACTICES (PLANTING AND TRANSPLANTING). CONTRACTOR SHALL ENSURE THAT THE PLANS, DETAILS, SPECIFICATIONS AND NOTES HAVE BEEN ADHERED TO AND THAT THE LANDSCAPE AND IRRIGATION INSTALLATION IS COMPLIANT TO ALL ITEMS AS DIRECTED ON THE PLANS PRIOR TO SCHEDULING OF THE FINAL INSPECTION. CONTRACTOR SHALL REMOVE ALL BRACING MATERIALS FROM ALL PALMS, TREES WITHIN 1 YEAR OF INSTALLATION.
- THE PLANT LIST IS INTENDED ONLY AS AN AID TO BIDDING. ANY DISCREPANCIES FOUND BETWEEN THE QUANTITIES ON THE PLAN AND PLANT LIST, THE QUANTITIES ON THE PLAN SHALL BE HELD VALID.
- IF NECESSARY, CONTRACTOR SHALL PROVIDE A WATER TRUCK DURING PLANTING TO ENSURE PROPER WATERING-IN DURING INSTALLATION AND CONTRACTOR WILL BE RESPONSIBLE FOR CONTINUAL WATERING UNTIL FINAL ACCEPTANCE BY THE OWNER. A MINIMUM OF 6 MONTHS OF SUPPLEMENTAL HAND OR AUTOMATIC IRRIGATION SYSTEM WATERING SHALL BE REQUIRED TO AID IN NEW TREE OR PALM ESTABLISHMENT.
- FERTILIZATION: ONE COMPLETE APPLICATION OF GRANULAR FERTILIZER SHALL BE APPLIED PRIOR TO FINAL ACCEPTANCE AND APPROVAL BY THE LANDSCAPE ARCHITECT. FERTILIZER SHALL BE SCOTTS AGRIFORM 20-10-5 PLANTING TABS OR APPROVED EQUAL AS RECOMMENDED BY LANDSCAPE CONTRACTOR
- SHOULD ANY TREES OR PALMS BE DAMAGED THEY SHALL BE EVALUATED BY THE CITY URBAN FORESTER TO DETERMINE CORRECTIVE ACTIONS THAT MAY INCLUDE REMOVAL, CORRECTIVE PRUNING AND OR REPLACEMENT. ANY CORRECTIVE ACTION REQUIRED SHALL BE PERFORMED IN ACCORDANCE WITH A CITY CODE, ANS-A 300 PRUNING STANDARDS AND OR AN ISSUED ERM TREE PERMIT OR ENVIRONMENTAL PERMIT. ANY CORRECTIVE PRUNING REQUIRED SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST OR ASCA CONSULTING ARBORIST AND THE CITY URBAN FORESTER SHALL BE CONSULTED.
- ALL TREES + PALMS TO REMAIN OR BE RELOCATED ON SITE IN THE VICINITY OF CONSTRUCTION ACTIVITIES, SHALL BE PROTECTED THROUGH THE USE OF TREE PROTECTION BARRICADES INSTALLED AT THE TREE OR PALM DRIP LINE. A TREE PROTECTION FENCE SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING AND SHALL REMAIN IN PLACE UNTIL ON SITE CONSTRUCTION HAS BEEN COMPLETED.
- MULCH SHALL NOT BE APPLIED WITHIN 6" OF ANY TREE OR PALM TRUNK THAT IS INSTALLED OR INCORPORATED INTO THE PROJECT. FOR ROW TREES + PALMS, ALL MULCH SHALL BE AMERIGROW 'PREMIUM PINEBARK BROWN' SHREDDED MULCH OR A CITY APPROVED ALTERNATIVE.
- PLANTING SOIL SPECIFICATION FOR UPPER LEVEL PLANTERS - 3000 MIX : A MIX OF COARSE SAND, FLORIDA PEAT AND PINE BARK. THE APPROXIMATE RATIO SHALL BE:
 COARSE SAND 50%
 FLORIDA PEAT 40%
 PINE BARK 10%
 FINAL TESTED ORGANIC MATTER BETWEEN 1.5 AND 2.0% (BY DRY WEIGHT)
 THE FINAL MIX SHALL BE TESTED TO HAVE A SATURATED WEIGHT OF NO MORE 40 POUNDS PER CUBIC FOOT WHEN COMPACTED TO 85% STANDARDS. PROCTOR PLANTING SOIL SHALL BE THOROUGHLY MIXED PRIOR TO DELIVERY AND INSTALLATION ADD NUTRICOTE FERTILIZER TO THE PLANTING MIX AT THE TIME OF MIXING AND BLENDING AT A RATE OF 3 POUNDS PER CUBIC FOOT PLANTING SOIL SHALL BE SUPPLIED BY ATLAS PEAT AND SOIL INC BOYTON BEACH FLORIDA 561-754-7300. PROVIDE A TWO GALLON SAMPLE WITH TESTING DATA THAT INDICATES THE MATERIAL MEETS REQUIREMENTS OF THIS SPECIFICATION INCLUDING RECOMMENDATIONS FOR CHEMICAL ADDITIVES FOR THE TYPES OF PLANTS TO BE GROWN. SAMPLES AND TESTING DATA SHALL BE SUBMITTED AT THE SAME TIME



- NOTES:
- PALMS OVER 30' GV HEIGHT, USE MINIMUM (4) 4X4 BRACING AND STAKES
 - PRIMARY STAKES SHOULD BE PLACED PARALLEL TO WALKWAYS WHENEVER POSSIBLE
 - RECEIVING PLANTING HOLE SHALL BE APPROXIMATELY 1/3 LARGER THAN ROOTBALL
 - BUD SHALL BE PERPENDICULAR TO THE GROUND PLANE
 - TRUNK SHALL BE STRAIGHT AND WITHOUT CURVES
 - NO SCARRED OR BLACKENED TRUNKS
 - AMENDED SOIL MIX TO BE ADDED AT THE TIME OF PLANTING NEEDED, SHALL CONSIST OF A RATIO MIX OF 80% CLEAN SILICA SAND AND 20% SCREENED PULVERIZED TOPSOIL AS NEEDED

PLANT SCHEDULE LANDSCAPE

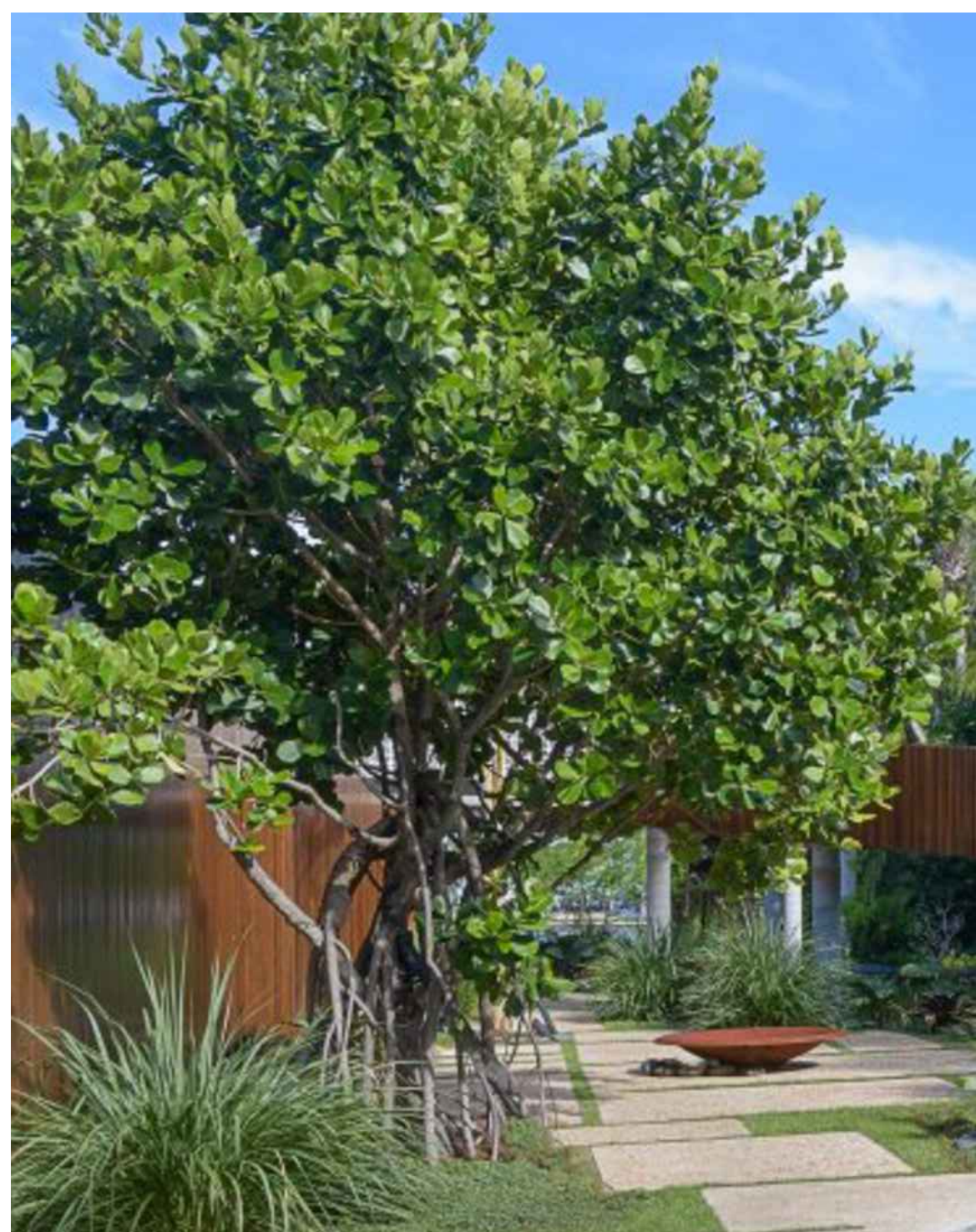
SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
TREES						
	CB	6	BRAZILIAN BEAUTYLEAF	CALOPHYLLUM BRASILIENSE	NO	16' HT, 8" SP, 4" DBH, STANDARD
	CR	1	AUTOGRAPH	CLUSIA ROSEA	YES	SPECIMEN TO BE SELECTED, 20-24' HT MIN, SCULPTURAL MULTI-TRUNK
	CS	5	SILVER BUTTONWOOD	CONOCARPUS ERECTUS SERICEUS	YES	65 GAL, 10' HT, 8-10" SP, MULTI-TRUNK, LIMBED UP, SCULPTURAL
	ED	2	JAPANESE BLUEBERRY TREE	ELAEOCARPUS DECIPENS	NO	18-20' HT, 10-12" SP, 8" DBH, MULTI TRUNK, SPECIMEN TO BE SELECTED
	EF	10	SPANISH STOPPER	EUGENIA FOETIDA	YES	100 GAL, 14-16' HT, 8" SP, 4-6" DBH, STANDARD, EQUAL TO TREEWORLD WHOLESALE
	PR	19	BAY RUM	PIMENTA RACEMOSA	NO	16' HT MIN, 8-10" SP, 4" DBH
PALMS						
	CN	14	COCONUT PALM	COCOS NUCIFERA	NO	10-14' GW, 14-16" OA HT, LEANING CHARACTER TRUNK, FLORIDA FANCY
	DA	3	HURRICANE PALM	DICTYOSPERMA ALBUM CONIUGATUM	NO	16-18' HT OA, 8-10' GW, 12-14" CT, FLORIDA FANCY
	DC	2	CABADA PALM	DYPSIS CABADAE	NO	16' - 18' HT, FULL TO BASE, SHADE GROWN
	PE	22	ALEXANDER PALM	PTYCHOSPERMA ELEGANS	NO	14-18" OA HT, #2 SLENDER TRUNK, DOUBLE, FLORIDA FANCY
	TR	3	THATCH PALM	THRINAX RADIATA	YES	6-12' HT, 4-8" CT, SINGLE/DOUBLE, VARYING, FLORIDA FANCY
ACCENTS						
	ALO	3	ELEPHANT EAR	ALOCASIA	NO	3 GAL, 2" HT, 2" SP, 18" O.C.
GRASSES						
	TRF	10	DWARF FAKAHATCHEE	TRIPSACUM FLORIDANA	YES	3 GAL, 2" HT, 2" SP, 20" O.C.
SHRUB AREAS						
	FGI	64	FICUS GREEN ISLAND	FICUS MICROCARPA 'GREEN ISLAND'	NO	3 GAL, 18" HT, 18" SP, 18" ON CENTER
	GYL	223	CRABWOOD	GYMNANTHES LUCIDA	YES	25 GAL, 5' HT MIN, 2-3" SP MIN, FULL, GRADE #1
	POD	249	PODOCARPUS	PODOCARPUS MACROPHYLLUS	NO	45 GAL, 8" HT, 2" SP, FULL, GRADE #1
	PSL	227	DWARF BAHAMA COFFEE SHRUB	PSYCHOTRIA LIGUSTRIFOLIA	YES	7 GAL, 3" HT, 2" SP, FULL
GROUND COVERS						
	CAM	1,076	DWARF CARISSA	CARISSA MACROCARPA 'EMERALD BLANKET'	NO	3 GAL, 12" O.C., FULL
	LIR	574	LILYTURF 'BIG BLUE'	LIRIOPE MUSCARI 'BIG BLUE'	NO	1 GAL, 12" O.C., FULL
	MOD	41	SWISS CHEESE PLANT	MONSTERA DELICIOSA	NO	3 GAL, 2" HT, 2" SP, 20" O.C.
	MIN	395	JASMINE MINIMA	TRACHELOSPERMUM ASIATICUM 'MINIMA'	NO	1 GAL, 12" O.C., FULL
	SOD	3,086 SF	EMPIRE ZOYSIA	ZOYSIA X 'EMPIRE'	NO	OVER 2" TOPSOIL BED, SEE PLANTING SPECS

LANDSCAPE LEGEND

MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 126 (RS1 - RS4 Single Family Home Residential)		
ZONING: RS-1	LOT SIZE: 40,000 SF	ACRES: .91
MINIMUM STANDARDS	REQUIRED	PROVIDED
TREES		
FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT	FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT	FRONT YARD - 2 TREES PROVIDED BACK YARD - 3 TREES PROVIDED
TOTAL OF 5 TREES REQUIRED FOR LOTS UP TO 6,000 SF. 1 ADDITIONAL TREE IS REQUIRED FOR EACH ADDITIONAL 1,000 SF OF LOT AREA.	TOTAL LOT AREA: 40,000 SF - 6,000 SF 5 TREES REQ + (34,000 SF / 1,000) = 39 TREES REQ	42 TOTAL TREES PROVIDED
MIN 30% OF REQUIRED TREES SHALL BE NATIVE SPECIES	30% x 39 = 12 TREES OF NATIVE SPECIES	16 TOTAL NATIVE TREES PROVIDED
MIN 50% OF REQUIRED TREES SHALL BE LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES	50% x 39 = 20 TREES OF LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES	42 TOTAL LOW MAINTENANCE TREES PROVIDED
DIVERSITY OF 21 - 30 TOTAL TREES REQUIRED : 4 TREE SPECIES	4 TREE SPECIES	6 TREE SPECIES PROVIDED
STREET TREES		
AVERAGE STREET TREE SPACING 20' ON CENTER	100 LINEAR FEET / 20 = 5 STREET TREES REQ	5 STREET TREES (4 EXISTING + 1 BAY RUM)
SHRUBS		
12 SHRUBS PER THE NUMBER OF REQUIRED LOT AND STREET TREES	12 x (TOTAL LOT + STREET TREES) = 468 TOTAL SHRUBS REQUIRED	763 TOTAL SHRUBS PROVIDED
MIN 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES	50% x 468 = 234 SHRUBS OF NATIVE SPECIES	450 TOTAL NATIVE SHRUBS PROVIDED
MIN 10% OF REQUIRED SHRUBS SHALL BE LARGE SHRUBS OR SMALL TREES	10% x 468 = 47 TOTAL LARGE SHRUBS	472 TOTAL LARGE SHRUBS PROVIDED
MIN 50% OF REQUIRED LARGE SHRUBS SHALL BE NATIVE SPECIES	50% x 47 = 24 LARGE SHRUBS OF NATIVE SPECIES	223 TOTAL NATIVE LARGE SHRUBS
LAWN		
LAWN SHALL BE MAXIMUM OF 50 % OF REQUIRED LANDSCAPE AREA	LAWN AREAS ARE LESS THAN 50% OF LANDSCAPE AREA	
IRRIGATION SYSTEM		
LANDSCAPE SHALL BE WATERED BY A PERMANENT IRRIGATION SYSTEM		100% IRRIGATION COVERAGE PROVIDED



CB | BRAZILIAN BEAUTYLEAF
Calophyllum brasiliense



CR | AUTOGRAPH
Clusia rosea



CS | SILVER BUTTONWOOD
Conocarpus erectus 'Sericeus'



ED | JAPANESE BLUEBERRY
Elaeocarpus decipiens



EF | SPANISH STOPPER
Eugenia foetida



PR | BAY RUM
Pimenta racemosa



CN | COCONUT PALM
Cocos nucifera



PE | ALEXANDER PALM
Ptychosperma elegans



DA | HURRICANE PALM
Dictyosperma album



DC | CABADA PALM
Dyopsis cabadae



TR | THATCH PALM
Thrinax radiata



POD | PODOCARPUS
Podocarpus macrophyllus



EUF | SPANISH STOPPER
Eugenia foetida



GYL | CRABWOOD
Gyneranthes lucida



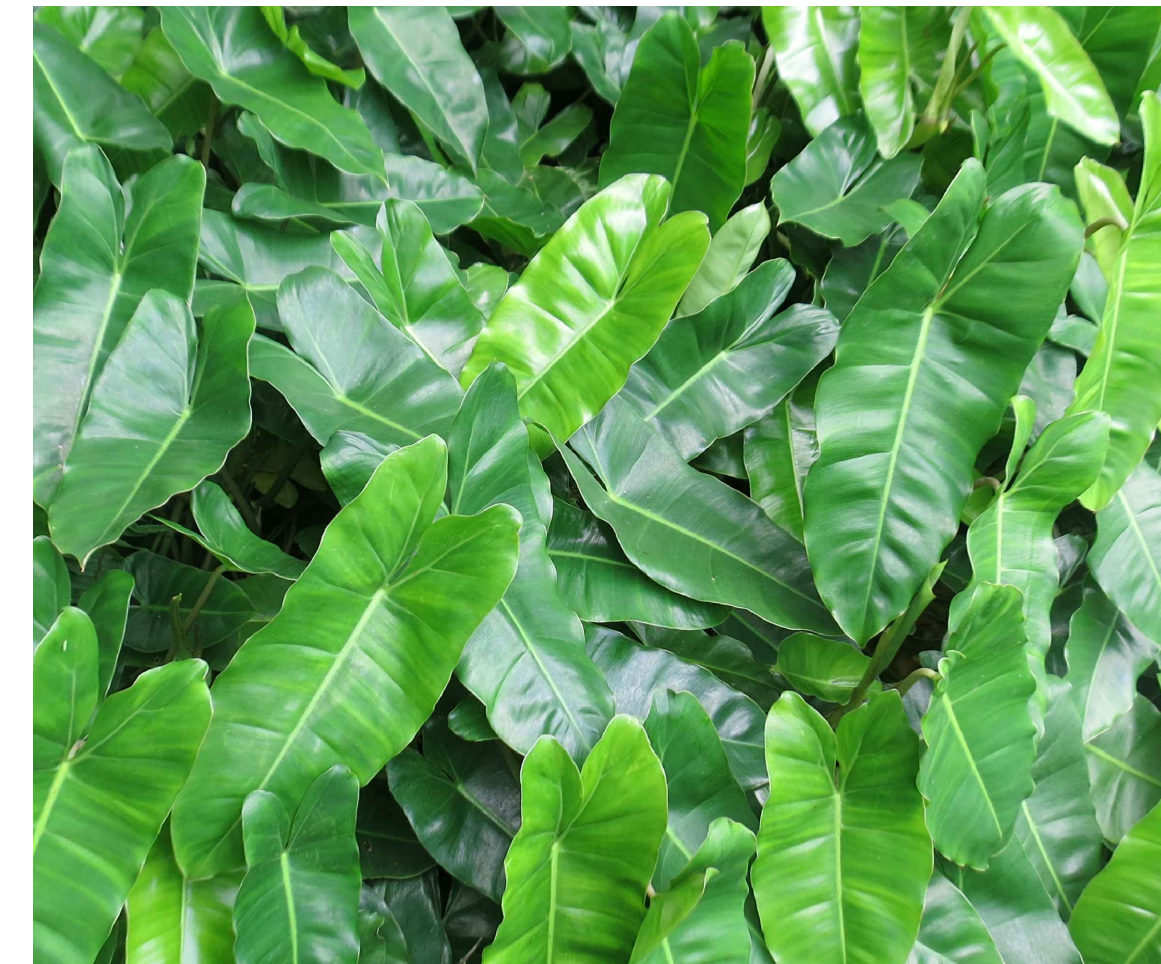
PSL | DWARF BAHAMA COFFEE
Psychotria ligustrifolia



LIR | LIRIOPE
Liriope muscari 'Big Blue'



FGI | FICUS GREEN ISLAND
Ficus microcarpa 'Green Island'



PBM | PHILODENDRON 'BURLIE MARX'
Philodendron 'Burlie Marx'



TRF | DWARF FAKAHATCHEE
Tripsacum floridana



MOD | SWISS CHEESE PLANT
Monstera deliciosa



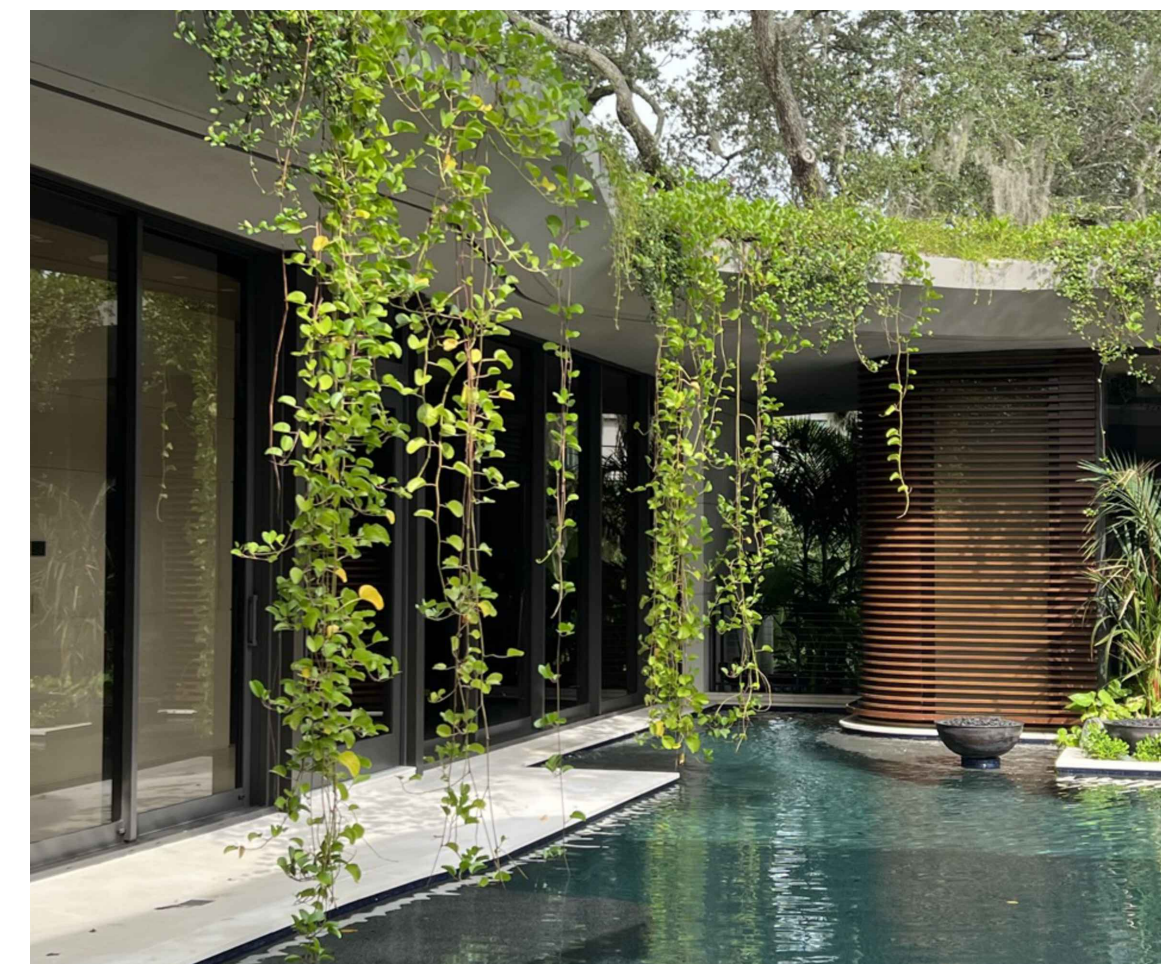
ALO | ELEPHANT EAR
Alcassia



ARS | ALOCASIA 'REGAL SHIELDS'
Alocasia x 'Regal Shields'



MIN | JASMINE MINIMA
Trachelospermum asiaticum 'Minima'



IPP | RAILROAD VINE
Ipomoea pes-caprae



CAM | CARISSA 'EMERALD BLANKET'
Carissa macrocarpa

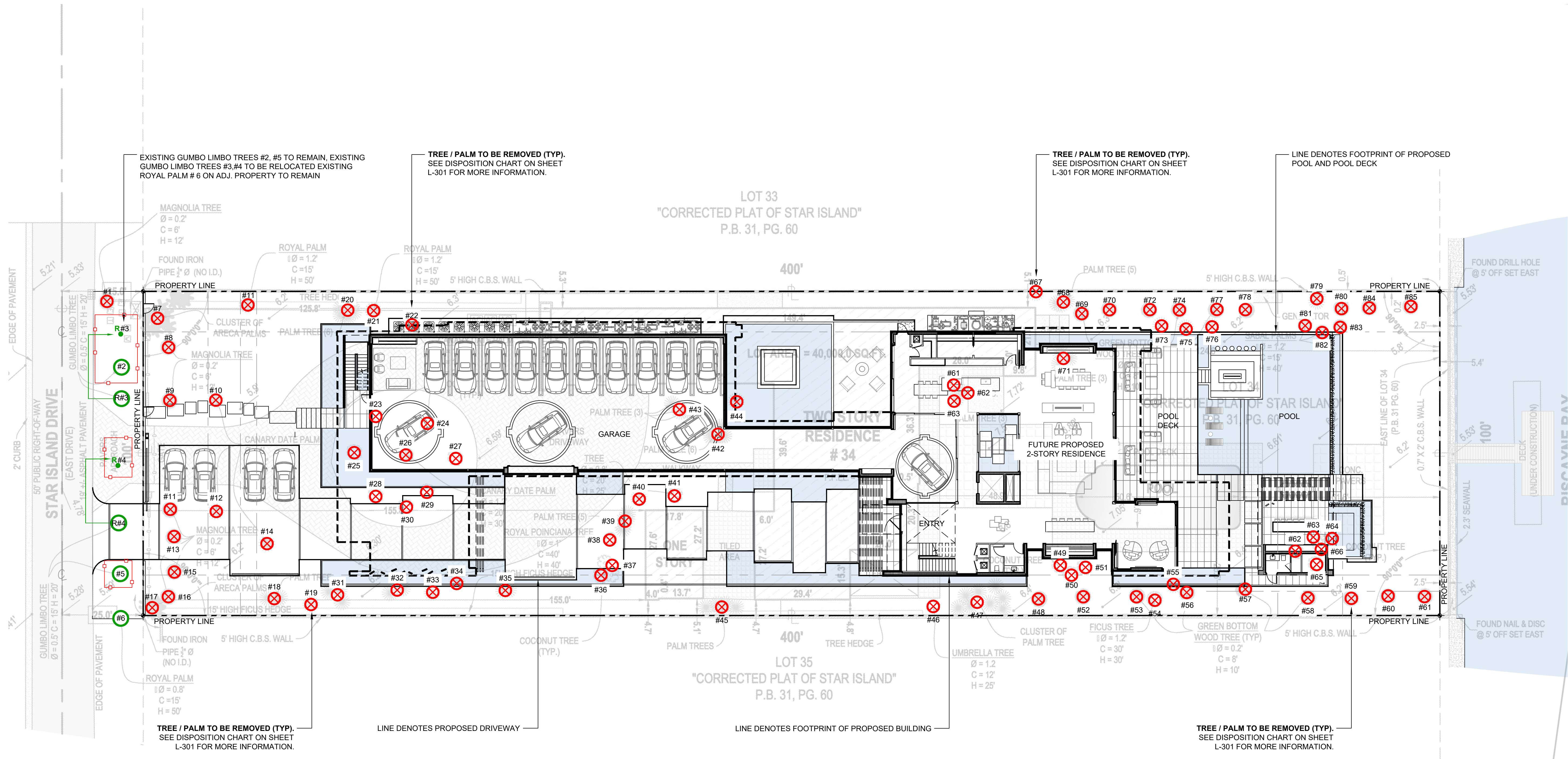
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C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION NOTES

1. THIS EXISTING TREE INVENTORY + DISPOSITION PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION + PROTECTION ORDINANCE.
2. EXISTING TREE, PALM, + VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY 360 SURVEYING AND MAPPING, LLC DATED 07.19.23.
3. THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 10.05.23.
4. MIAMI BEACH P+Z MUST APPROVE LANDSCAPE PLANS PRIOR TO REMOVING ANY TREES OR PALMS WITH A D.B.H. BETWEEN 6" + 12". A WRITTEN TREE REMOVAL PERMIT IS REQUIRED FROM CITY OF MIAMI BEACH GREENSPACE MANAGEMENT / PUBLIC WORKS FOR THE REMOVAL OF TREES / PALMS WITH A D.B.H. GREATER THAN 12" OR IN THE R.O.W.
5. THE OWNER RESERVES THE RIGHT TO REMOVE ANY VEGETATION NOT LOCATED WITHIN THE CITY R.O.W. WITH A D.B.H. OF LESS THAN 6" WITHOUT OBTAINING A TREE REMOVAL PERMIT.
6. THERE ARE NO TREES OR PALMS LOCATED ON THIS PROPERTY THAT WILL REQUIRE TEMPORARY IRRIGATION. ALL EXISTING TREES + PALMS ARE MATURE AND ARE CURRENTLY THRIVING WITHOUT SUPPLEMENTAL IRRIGATION WATER.

EXISTING TREE SURVEY LEGEND

- TREE or PALM TO BE REMOVED. SEE CHART L-301
- TREE or PALM TO REMAIN. PRESERVE + PROTECT
- TREE or PALM TO BE RELOCATED
- RELOCATED TREE or PALM
- TREE or PALM PROTECTION FENCE

EXISTING TREE SURVEY + DISPOSITION PLAN



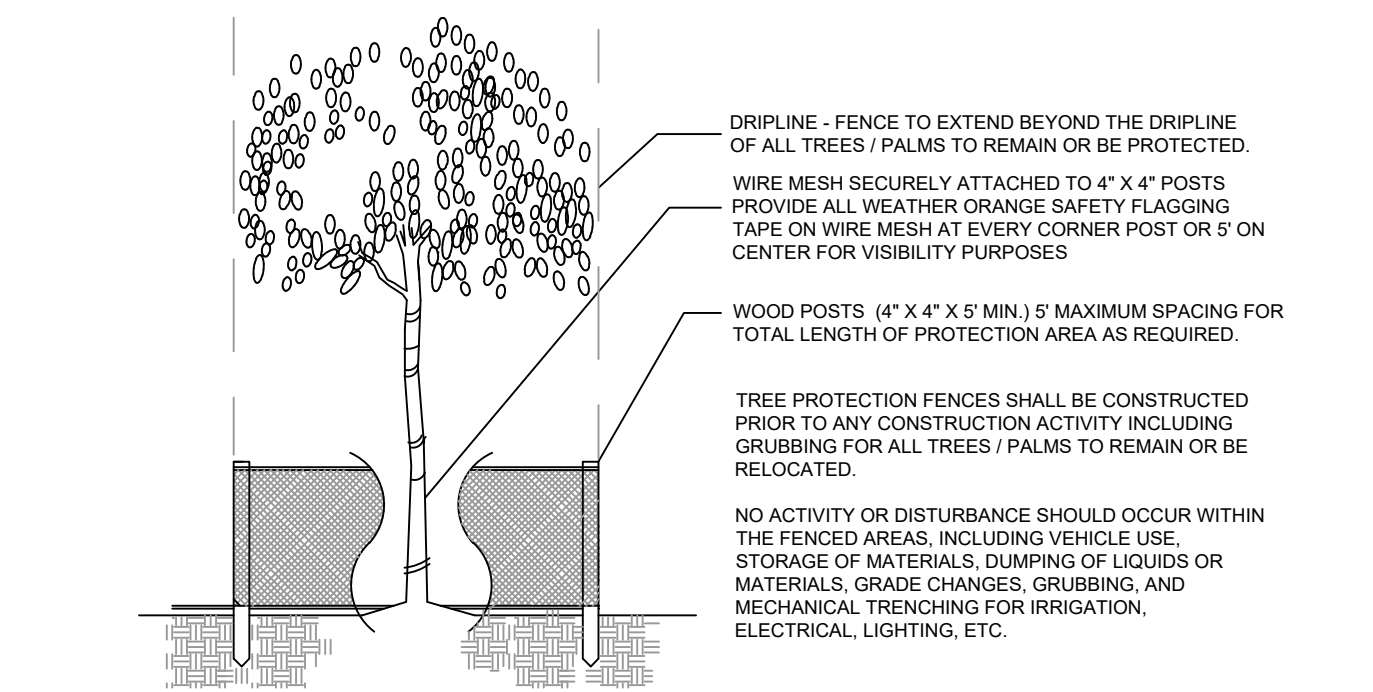
EXISTING TREE INVENTORY + DISPOSITION CHART											
NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	HT (FT)	SP (FT)	D.B.H (IN)	CONDITION	DISPOSITION	MITIGATION	COMMENTS	
1	PLUM PINE	Podocarpus	YES	23'	25'	12"	FAIR	REMOVE	N/A	OVERGROWN SHRUB. NO MITIGATION REQUIRED	
2	GUMBO LIMBO	Bursera simaruba	NO	12'	6'	4"	FAIR	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION	
3	GUMBO LIMBO	Bursera simaruba	NO	12'	6'	4"	FAIR	RELOCATE	N/A	SEE LANDSCAPE FOR PROPOSED RELOCATION	
4	GUMBO LIMBO	Bursera simaruba	NO	12'	6'	4"	FAIR	RELOCATE	N/A	SEE LANDSCAPE FOR PROPOSED RELOCATION	
5	GUMBO LIMBO	Bursera simaruba	NO	12'	6'	4"	FAIR	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION	
6	ROYAL PALM	Roystonea elata	NO	9.6'	15'	50"	FAIR	REMAIN	N/A	LOCATED ON ADJACENT PROPERTY	
7	ARECA PALM CLUSTER	Dypsis Lutescens	NO	15'	15'	4"	FAIR	REMOVE	N/A	SMALL PALMS UNDER 16' HT. NO MITIGATION REQUIRED	
8	JATROPHA	JATROPHA INTEGERRIMA	NO	12'	6'	3"	FAIR	REMOVE	3" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
9	JATROPHA	JATROPHA INTEGERRIMA	NO	12'	6'	3"	FAIR	REMOVE	3" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
10	TRIANGLE PALM	DYPISIS DECARYI	YES	20'	20'	15"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
11	ROYAL PALM	Roystonea elata	NO	9.6'	15'	50"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
12	TRIANGLE PALM	DYPISIS DECARYI	NO	18'	18'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
13	JATROPHA	JATROPHA INTEGERRIMA	NO	12'	6'	3"	FAIR	REMOVE	3" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
14	TRIANGLE PALM	DYPISIS DECARYI	YES	15'	20'	12"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
15	JATROPHA	JATROPHA INTEGERRIMA	NO	12'	6'	3"	FAIR	REMOVE	3" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
16	JATROPHA	JATROPHA INTEGERRIMA	NO	12'	6'	3"	FAIR	REMOVE	3" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
17	ARECA PALM CUSTER	Dypsis Lutescens	YES	15'	15'	4"	FAIR	REMOVE	N/A	SMALL PALM CLUSTER. NO MITIGATION REQUIRED	
18	THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
19	THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
20	PALM CLUSTER	BOTANICAL	YES	18'	18'	14"	FAIR	REMOVE	1 REP. TREE	SMALL PALM CLUSTER. NO MITIGATION REQUIRED	
21	ROYAL PALM	Roystonea elata	YES	23'	25'	12"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
22	RECLINATA DATE PALM	Pheonix roclinata	NO	25'	20'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
23	MEXICAN FAN PALM	Washingtonia robusta	NO	23'	20'	12"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
24	MEXICAN FAN PALM	Washingtonia robusta	NO	15'	20'	12"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
25	COCONUT PALM	Cocos Nucifera	NO	15'	18'	12"	FAIR	REMOVE	1 REP. TREE	SMALL PALM CLUSTER. NO MITIGATION REQUIRED	
26	DATE PALM	Pheonix sylvestris	NO	15'	18'	12"	FAIR	REMOVE	1 REP. TREE	SMALL PALM CLUSTER. NO MITIGATION REQUIRED	
27	COCONUT PALM	Cocos Nucifera	NO	18'	18'	12"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
28	COCONUT PALM	Cocos Nucifera	NO	18'	18'	14"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
29	MEXICAN FAN PALM	Washingtonia robusta	NO	10'	14'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
30	MEXICAN FAN PALM	Washingtonia robusta	NO	18'	18'	14"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
31	THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
32	THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
33	THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
34	THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
35	THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
36	COCONUT PALM	Cocos Nucifera	YES	15'	18'	12"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
37	COCONUT PALM	Cocos Nucifera	YES	18'	18'	12"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
38	ROYAL POINCIANA	Delonix regia	YES	40'	40'	12"	FAIR	REMOVE	12" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
39	MACARTHUR PALM	Phycosperma macarthurii	NO	18'	4'	CLUSTER	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
40	PYQMY DATE PALM	Pheonix roebelenii	YES	12'	6'	5"	FAIR	REMOVE	N/A	SMALL PALM UNDER 16' HT. NO MITIGATION REQUIRED	
41	BOTTLEBRUSH	Callistemon rigidus	YES	18'	15'	9"	FAIR	REMOVE	9" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
42	RECLINATA DATE PALM	Pheonix roclinata	YES	8'	5'	4",4",4"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
43	RECLINATA DATE PALM	Pheonix roclinata	YES	18'	18'	14"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
44	MACARTHUR PALM	Phycosperma macarthurii	YES	18'	18'	14"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
45	PALM CLUSTER	BOTANICAL	YES	18'	18'	14"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	

EXISTING TREE INVENTORY + DISPOSITION CHART											
NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	HT (FT)	SP (FT)	D.B.H (IN)	CONDITION	DISPOSITION	MITIGATION	COMMENTS	
46	UMBRELLA TREE	Schefflera actinophylla	NO	12'	5'	4"	FAIR	REMOVE	N/A	PROHIBITED SPECIES. NO MITIGATION REQUIRED	
47	ALEXANDER PALM	Phycosperma elegans	NO	20'	15'	CLUSTER	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
48	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
49	COCONUT PALM	Cocos Nucifera	NO	10'	15'	9"	FAIR	REMOVE	N/A	SMALL PALMS UNDER 16' HT. NO MITIGATION REQUIRED	
50	COCONUT PALM	Cocos Nucifera	NO	15'	15'	10"	FAIR	REMOVE	N/A	SMALL PALMS UNDER 16' HT. NO MITIGATION REQUIRED	
51	COCONUT PALM	Cocos Nucifera	NO	15'	15'	10"	FAIR	REMOVE	N/A	SMALL PALMS UNDER 16' HT. NO MITIGATION REQUIRED	
52	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
53	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
54	UMBRELLA TREE	Schefflera actinophylla	NO	18'	8'	6"	FAIR	REMOVE	N/A	PROHIBITED SPECIES. NO MITIGATION REQUIRED	
55	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
56	UMBRELLA TREE	Schefflera actinophylla	NO	18'	8'	6"	FAIR	REMOVE	N/A	PROHIBITED SPECIES. NO MITIGATION REQUIRED	
57	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
58	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
59	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
60	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
61	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
62	COCONUT PALM	Cocos Nucifera	NO	8'	12'	7"	FAIR	REMOVE	N/A	SMALL PALMS UNDER 16' HT. NO MITIGATION REQUIRED	
63	COCONUT PALM	Cocos Nucifera	NO	18'	20'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
64	COCONUT PALM	Cocos Nucifera	NO	18'	20'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
65	COCONUT PALM	Cocos Nucifera	NO	18'	20'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
66	COCONUT PALM	Cocos Nucifera	NO	18'	20'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
67	MACARTHUR PALMS	Phycosperma macarthurii	NO	23'	8'	6"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
68	MACARTHUR PALM	Phycosperma macarthurii	NO	25'	8'	CLUSTER	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
69	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
70	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
71	PALM CLUSTER	UNKNOWN	NO	15'	6'	4"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
72	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
73	THATCH PALM	Thrinax radiata	NO	6'	6'	5"	FAIR	REMOVE	1 REP. TREE	SMALL PALMS UNDER 16' HT. NO MITIGATION REQUIRED	
74	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
75	CHINESE FAN PALM	Livistona chinensis	NO	12'	12'	7"	FAIR	REMOVE	N/A	SMALL PALMS UNDER 16' HT. NO MITIGATION REQUIRED	
76	THATCH PALM	Thrinax radiata	NO	15'	6'	5"	FAIR	REMOVE	N/A	SMALL PALMS UNDER 16' HT. NO MITIGATION REQUIRED	
77	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
78	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
79	SMALL PALM CLUSTER	UNKNOWN	NO	15'	6'	5"	FAIR	REMOVE	N/A	SMALL PALMS UNDER 16' HT. NO MITIGATION REQUIRED	
80	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
81	MEXICAN FAN PALM	Washingtonia robusta	NO	25'	20'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
82	MEXICAN FAN PALM	Washingtonia robusta	NO	25'	20'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
83	MEXICAN FAN PALM	Washingtonia robusta	NO	25'	20'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	
84	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	
85	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A	TREE UNDER REGULATED SIZE. NOT MITIGATION REQ.	

TOTAL TREE DBH LOSS: 36" + REMOVAL OF 44 PALMS
TREE MITIGATION REQUIRED: (12) REPLACEMENT TREES @ 12' HT x 2" D.B.H. x 6' SP
PALM MITIGATION REQUIRED: (44) REPLACEMENT TREES @ 12' HT x 2" D.B.H. x 6' SP

TREE + PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES OR PALMS THAT ARE TO REMAIN, BE PROTECTED, OR BE RELOCATED ON SITE. TPF SHALL BE MAINTAINED AND SHALL REMAIN UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED FROM CITY URBAN FORESTER AFTER ALL SITE WORK HAS BEEN COMPLETED.

NO ACTIVITY OR DISTURBANCE SHOULD OCCUR WITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC. WITHOUT URBAN FORESTER APPROVAL.



1 TREE + PALM PROTECTION DETAIL
3/16" = 1'-0" CD-PL-06

TREE + PALM MITIGATION SUMMARY		
CH 46 TREE PRESERVATION + PROTECTION		
MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 46 ENVIRONMENT		
TREES		
REMOVED (TOTAL DBH OF TREES)	REPLACEMENT TREES REQ.	REPLACEMENT TREES PROVIDED
36" OF DBH	12 @ 12' HT + 2" DBH + 6' SP OR 6 @ 16' HT + 4" DBH + 8' SP	12 REPLACEMENT TREES PROVIDED @ 12' HT + 2" DBH + 6' SP BREAKDOWN: (6) BAYRUM TREES @ 16' HT + 4" DBH + 8' SP = 12 REPLACEMENT TREES
PALMS		
REMOVED (TOTAL PALMS)	REPLACEMENT TREES REQ.	REPLACEMENT TREES PROVIDED
44	44 @ 12' HT + 2" DBH + 6' SP OR 22 @ 16' HT + 4" DBH + 8' SP	49 REPLACEMENT TREES PROVIDED @ 12' HT + 2" DBH + 6' SP BREAKDOWN: (10) NATIVE SPANISH STOPPER TREES @ 16' HT + 4" DBH + 8' SP = 20 REPLACEMENT TREES (13) BAYRUM TREES @ 16' HT + 4" DBH + 8' SP = 26 REPLACEMENT TREES (5) NATIVE CLUSIA ROSEA TREE @ 20' HT + 8" DBH + 10' SP = 3 REPLACEMENT TREES

TREE DISPOSITION SUMMARY			
	TOTAL	REMAIN	REMOVE
TREES	32	3	28
PALMS	52	0	52