

MIAMI BEACH FINAL DRB SUBMITTAL - 01.08.24

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



date: 10/02/2023 revised:

comm no. 2318

CHRISTOPHER CAWLEY, RLA Florida License LA 6666786

seal

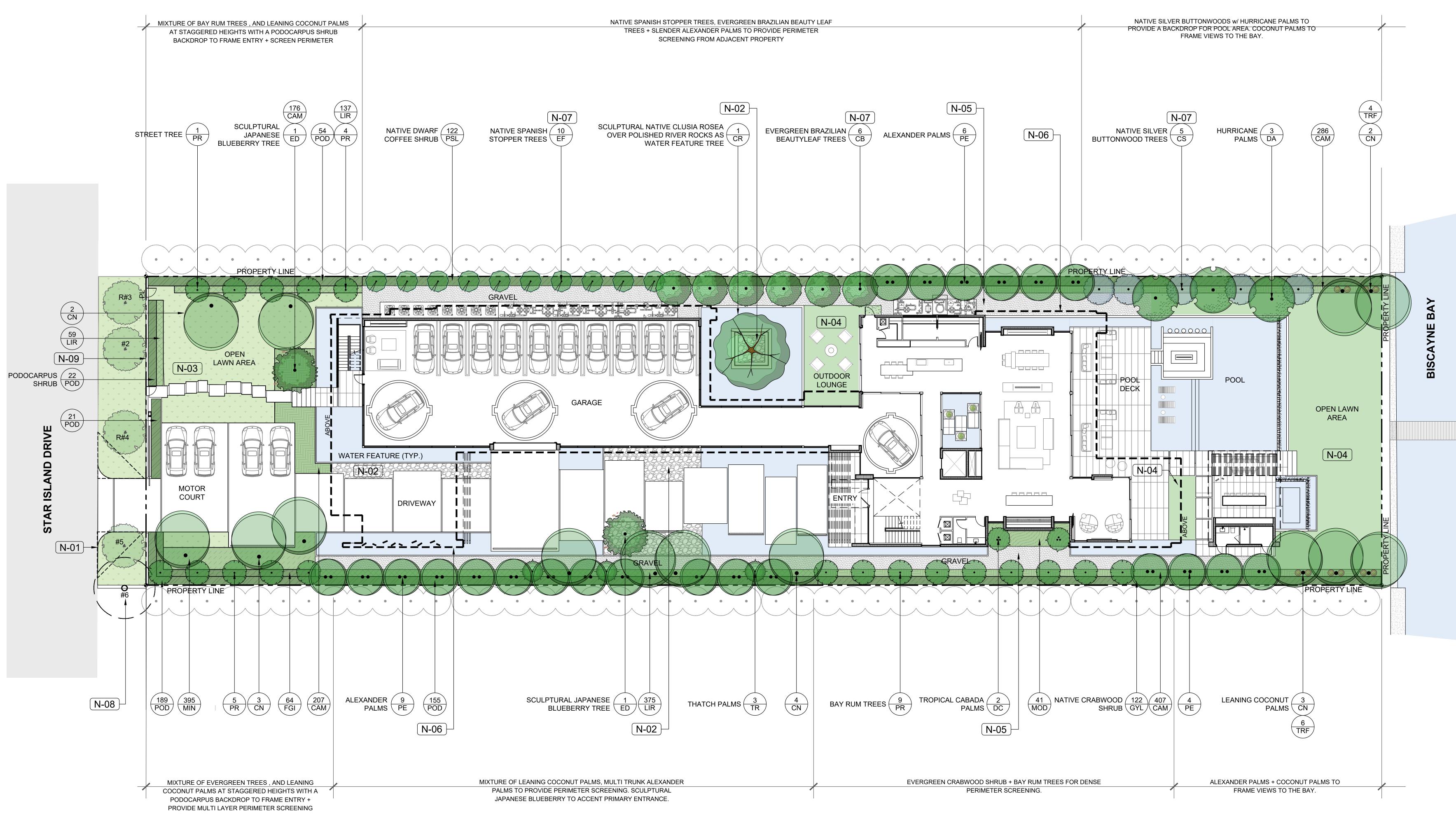


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 $\bigcirc$ T A R 8425 Bise Miami, FI RISTOPHER CAWLEY CAWLEY - ANDSCAPE HITECTUR <sup>10786,581,200 Mami, Florida 33138</sup>

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## LANDSCAPE NOTE LEGEND

<u>SYMBOL</u>	NOTE DESCRIPTION
N-01	15' VISIBILITY SIGHT TRIANGLE AS PER C.M.B. REGULATIONS
N-02	POLISHED RIVER ROCKS OVER FILTER FABRIC +/- 720 SF
N-03	LAWN 'EMPIRE ZOYSIA' - OVER 2" TOPSOIL BED, SEE PLANTING SPECS +/- 1,819 SF
N-04	ARTIFICIAL TURF FOREVER LAWN FUSION FLEX TURF COLOR : FIELD OLIVE +/- 3,546 SF
N-05	3/8" GREY DECOMPOSED GRANITE AGGREGATE OVER FILTER FABRIC +/- 2,530 SF

# LANDSCAPE CODE SUMMARY

- CODE TREES REQUIRED: 39 TREES ( 42 PROVIDED )
- STREET TREE REQUIREMENT: 5 TREES ( 5 PROVIDED )
- SHRUB REQUIREMENT: 468 SHRUBS (700 PROVIDED)

	PLANS FOR ADDITIONAL INFO.
N-07	CODE TREE
N-08	EXISTING GUMBO LIMBO STREE TREES #2, #5 AND RELOCATED GUMBO LIMBO STREET TREES #3, #4. EXISTING ROYAL PALM #6 LOCATED ON ADJ. PROPERTY TO REMAIN
N-09	PROPOSED FRONT PROPERTY WALL + GATES. SEE

DASHED LINE DENOTES SRUCTURE ABOVE. SEE ARCHITECTURE

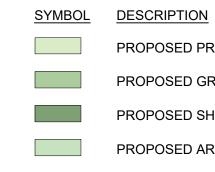
<u>NOTE</u> DESCRIPTION

<u>SYMBOL</u>

N-06

PROPOSED FRONT PROPERTY WALL + GATES. SEE ARCHITECTURE PLANS FOR ADDITIONAL INFORMATION

# LANDSCAPE LEGEND



PROPOSED PROPOSED LAWN AREAS

PROPOSED GROUNDCOVER AREAS

PROPOSED SHRUB AREAS

PROPOSED ARTIFICIAL TURF

LANDSCAPE MASTER PLAN 3/32" = 1'-0 0' 10' 20' 30'



2318 date: 10/02/2023

revised:

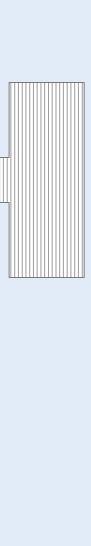
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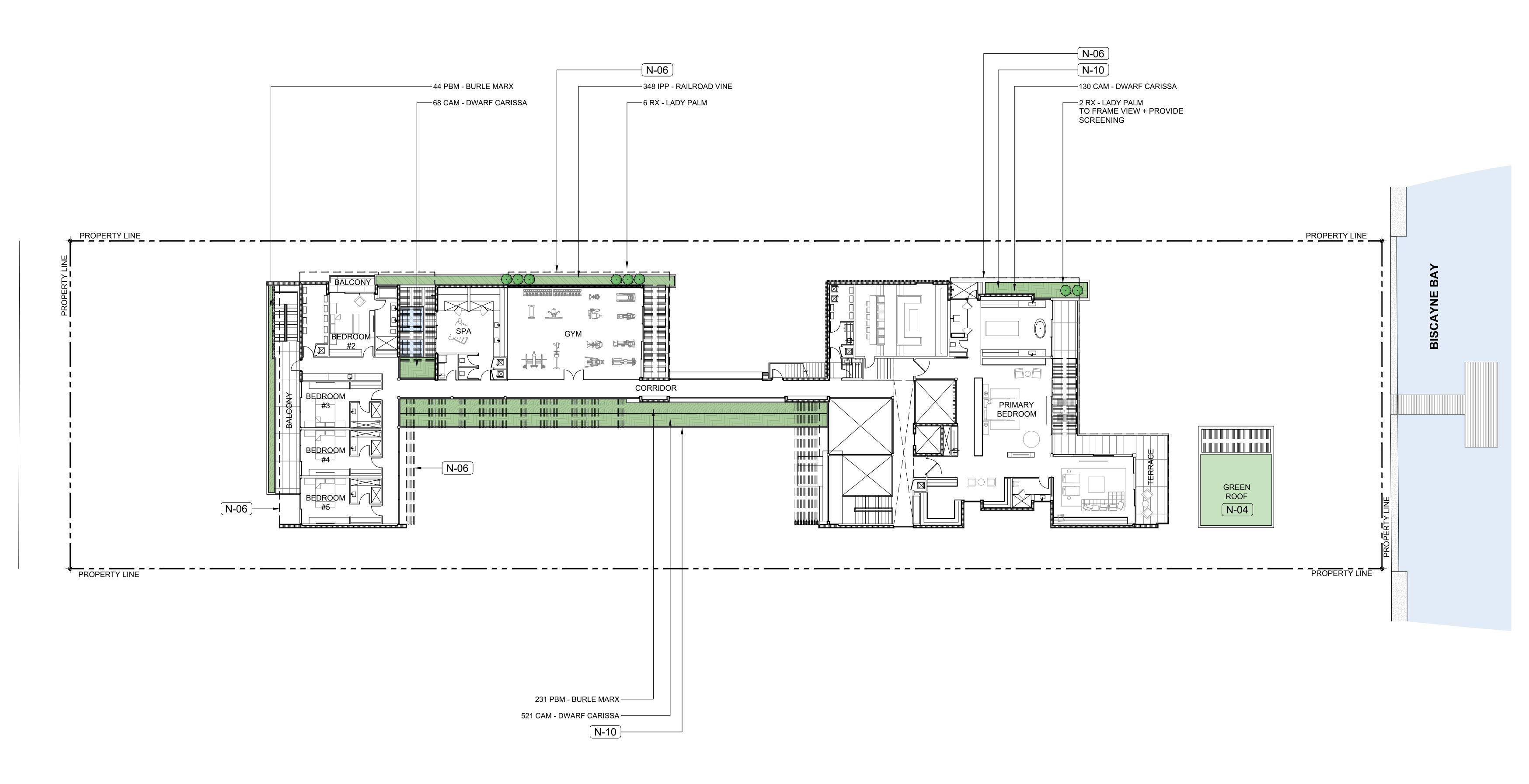
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HSIEH RESIDENCE 34 STAR ISLAND DRIVE MIAMI BEACH, FL, 33139



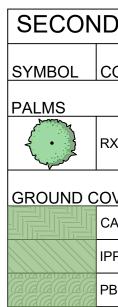




**STAR ISLAND DRIVE** 

## LANDSCAPE NOTE LEGEND

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



D FLOOR PLANT SCHEDULE										
CODE	QTY	COMMON NAME	COMMON NAME BOTANICAL NAME NATIVE		SPECIFICATIONS					
		[	r							
RX	8	LADY PALM	ADY PALM RHAPIS EXCELSA N		7 G, 3-4` HT, 3` SP, 30" ON CENTER, FULL					
OVERS										
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 3/32" = 1'-0 0' 10' 20' 30'



ш HSIEH RESIDENCE 34 STAR ISLAND DRIVE MIAMI BEACH, FL, 33139

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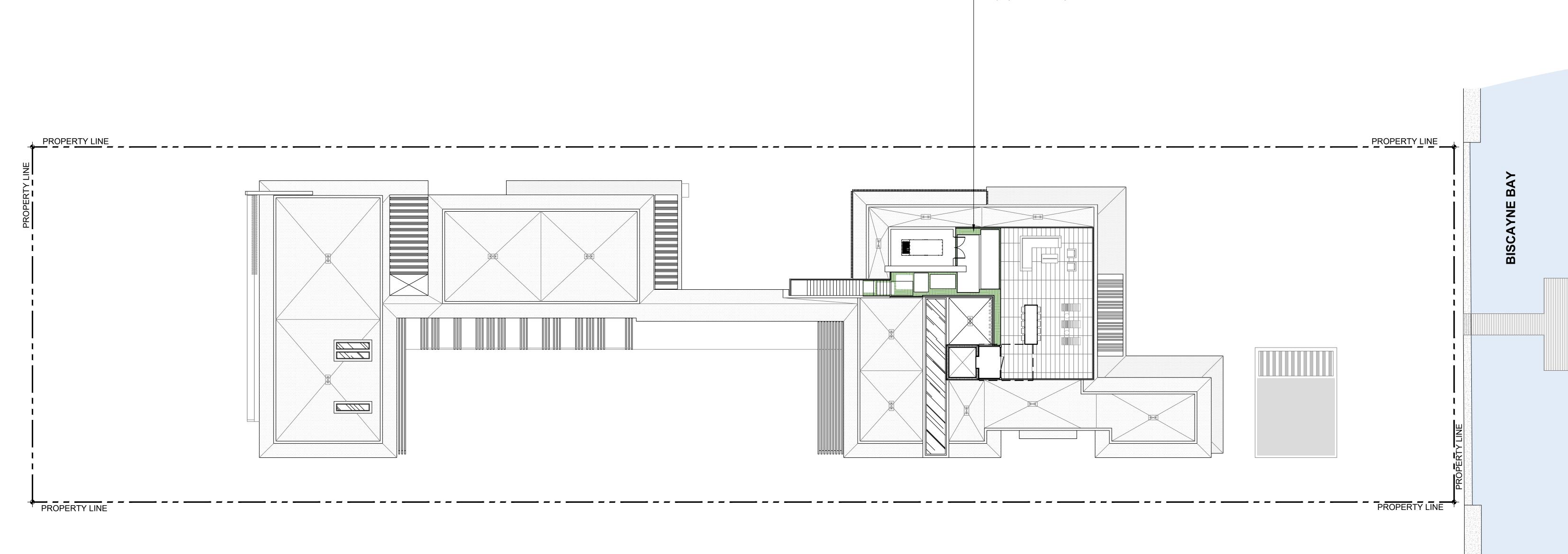


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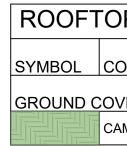
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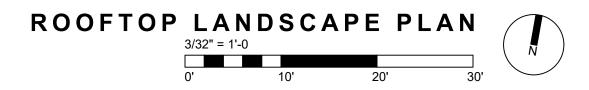


**STAR ISLAND DRIVE** 





OP Pl	OP PLANT SCHEDULE								
CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS				
OVERS									
CAM	131	DWARF CARISSA	CARISSA MACROCARPA 'EMERALD BLANKET'	NO	3 GAL, 12" O.C., FULL				





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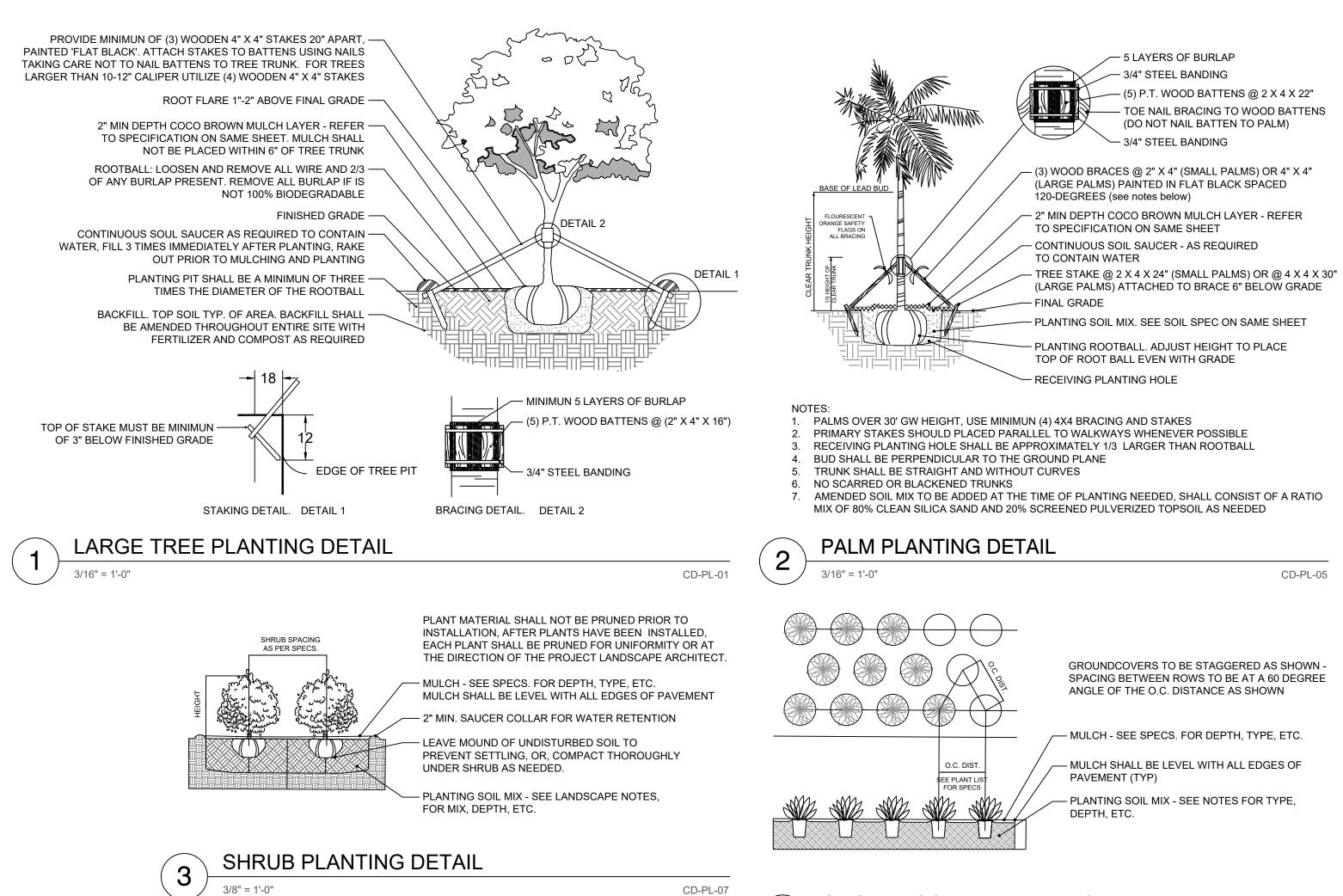
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### PLANTING NOTES

- 1. ALL PLANT MATERIAL SHALL BE FLORIDA GRADE NO. 1 OR BETTER.
- 2. CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF, AVOID, AND PROTECT ALL UTILITY LINES, BURIED CABLES, AND OTHER UTILITIES.
- 3. TREE, PALM, ACCENT AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- REQUIRED.
- 5. 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. 6. 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
- TREES, PALMS, SPECIMEN PLANTS, SHRUBS AND GROUNDCOVER SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR AND BE INCLUSIVE WITH THE LANDSCAPE BID. 7. ALL EXISTING TREE + PALM INFORMATION THAT HAS BEEN PROVIDED ON THIS PLAN FOLLOWS THE CITY OF MIAMI BEACH TREE PERMITTING GUIDELINES. ANY TREES OF PALMS CONSIDERED INVASIVE OR THAT FALLS UNDER THE TREE PERMIT EXEMPTION / PROHIBITED
- 8. 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 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.
- 9. ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" w/ APPROVED NATURAL SHREDDED COCO BROWN MULCH 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.
- 10. ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE-YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.
- TREES
- 12. 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 SCHEDULING OF THE FINAL INSPECTION. CONTRACTOR SHALL REMOVE ALL BRACING MATERIALS FROM ALL PALMS, TREES WITHIN 1 YEAR OF INSTALLATION.
- 13. 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.
- MONTHS OF SUPPLEMENTAL HAND OR AUTOMATIC IRRIGATION SYSTEM WATERING SHALL BE REQUIRED TO AID IN NEW TREE OR PALM ESTABLISHMENT.
- RECOMMENDED BY LANDSCAPE CONTRACTOR
- PERFORMED IN ACCORDANCE WITH A CITY CODE, ANSI-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.
- 17. 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.
- ALTERNATIVE.
- 19. 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)

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



4. 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 LIMEROCK PRESENT TO A DEPTH OF AT LEAST 30" BEFORE PLACING NEW PLANTING SOIL. APPLY NEW CLEAN PLANTING SOIL IN PLANTING AREAS AS

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

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. 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

11. NURSERY SUPPORT POLES SHALL BE REMOVED AT THE NURSERY, PRIOR TO TO DELIVERY, AND TREES DELIVERED WITH NURSERY POLES WILL NOT BE ACCEPTED; AND THEREFORE REJECTED, w/ THE EXCEPTION TREE SPECIES: CLUSIA ROSEA + SILVER BUTTONWOOD

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

14. 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 15. 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

16. 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

18. 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

## 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 YARD PLANTING SOIL SHALL BE SUPPLIED BY ATLAS PEAT AND SOIL INC BOYTON BEACH FLORIDA 561-734-7300. PROVIDE A TWO GALLON SAMPLE WITH TESTING

#### GROUNDCOVER PLANTING DETAIL 4

3/8 = 1-0

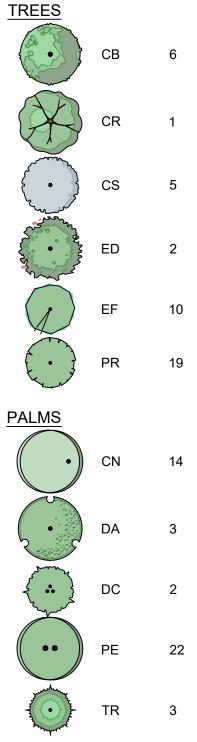
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LANDSCAPE LEGEND									
MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 126 (RS1 - RS4 Single Family	y Home Residential)								
ZONING: RS-1 LOT SIZE: 40,000 SF ACRES: .91									
MINIMUM STANDARDS	REQUIRED	PROVIDED							
TREES	•								
FRONT YARD - 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) = <b>39 TREES REQ</b>	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) = <b>468 TOTAL</b> SHRUBS REQUIRED	763 TOTAL SHRUBS PROVIDED							
MIN 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES									
MIN 10% OF REQUIRED SHRUBS SHALL BE LARGE SHRUBS or SMALL	50% x 468 = 234 SHRUBS OF NATIVE SPECIES	450 TOTAL NATIVE SHRUBS PROVIDED							
TREES	10% x 468 = <b>47 TOTAL LARGE SHRUBS</b>	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							

CD-PL-05

CD-PL-08







GROUND C	OVERS	
	CAM	1,076
	LIR	574
	MOD	41
	MIN	395
+ + + + + + + + + + + + +	SOD	3,086 \$

## PLANT SCHEDULE LANDSCAPE

<u>SYMBOL</u>	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
TREES						
	СВ	6	BRAZILIAN BEAUTYLEAF	CALOPHYLLUM BRASILIENSE	NO	16` HT, 8` SP, 4" DBH, STANDARD
Ť	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
A CONTRACTOR	ED	2	JAPANESE BLUEBERRY TREE	ELAEOCARPUS DECIPIENS	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 WH
	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
$\left( \cdot \right)$	DA	3	HURRICANE PALM	DICTYOSPERMA ALBUM CONJUGATUM	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
$\bigcirc$	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 AR	EAS					
	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
<u>GROUND C</u>	1					
	CAM	1,076				3 GAL, 12" O.C., FULL
		574		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 3.086 SE			NO	1 GAL, 12" O.C., FULL
₩ ¥ ¥ ¥ < 4 ¥ ¥ ¥	SOD	3,086 SF	EMPIRE ZOYSIA	ZOYSIA X 'EMPIRE'	NO	OVER 2" TOPSOIL BED, SEE PLANTING SPECS



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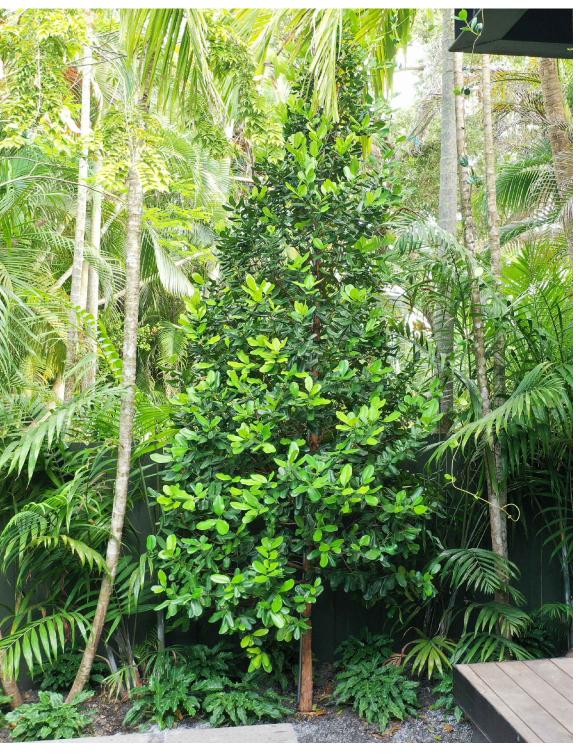
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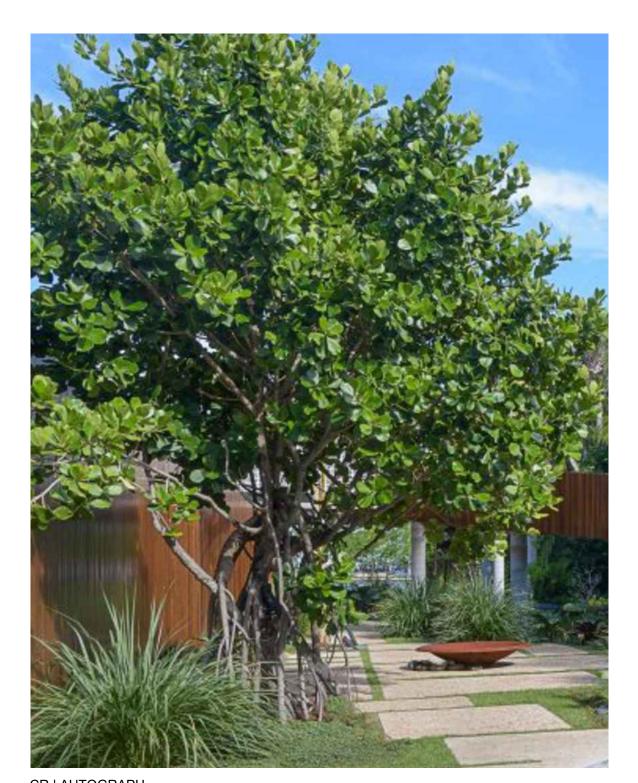
WHOLESALE



CB | BRAZILIAN BEAUTYLEAF Calophyllum brasiliense

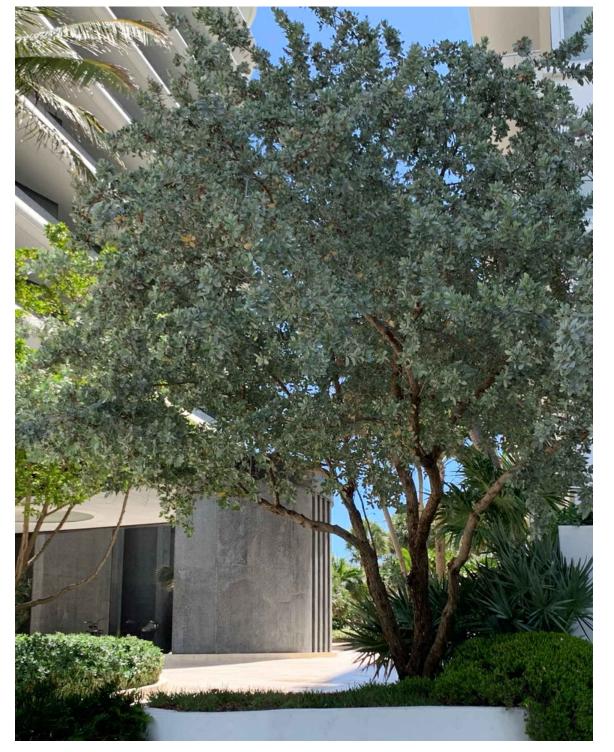


PR | BAY RUM Pimenta racemosa

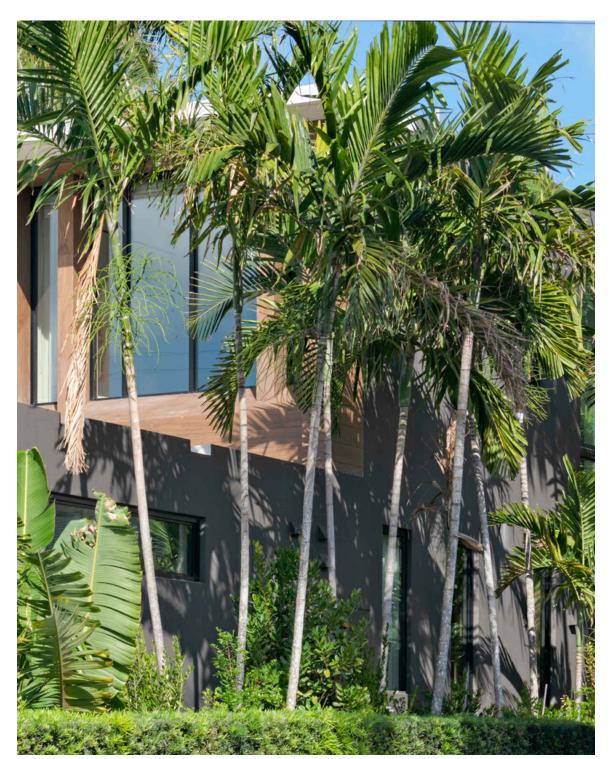


CR | AUTOGRAPH *Clusia rosea* 





CS | SILVER BUTTONWOOD Conocarpus erectus 'Sericeus'



PE | ALEXANDER PALM Ptychosperma elegans



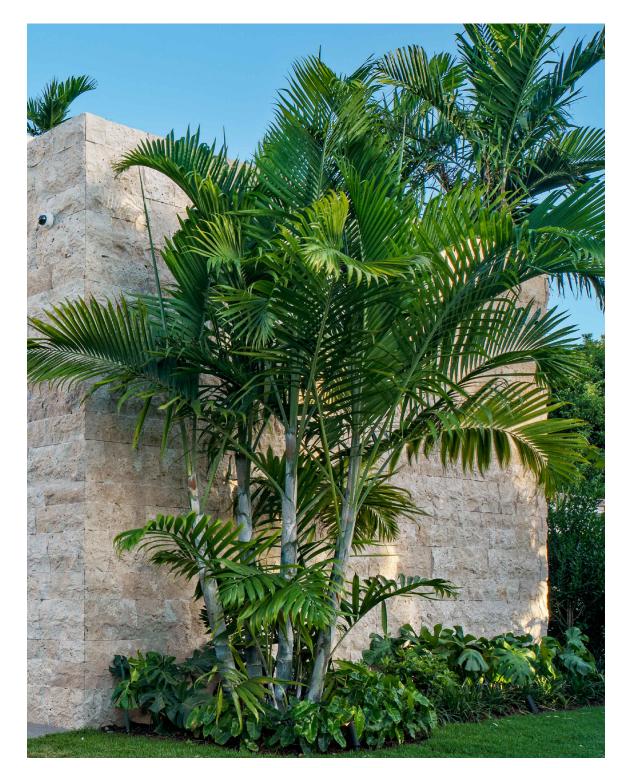


ED | JAPANESE BLUEBERRY Elaeocarpus decipiens

EF | SPANISH STOPPER Eugenia foetida



DA | HURRICANE PALM Dictyosperma album



DC | CABADA PALM Dypsis cabadae



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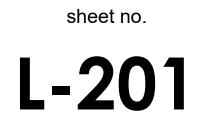
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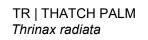
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FGI | FICUS GREEN ISLAND Ficus microcarpa 'Green Island



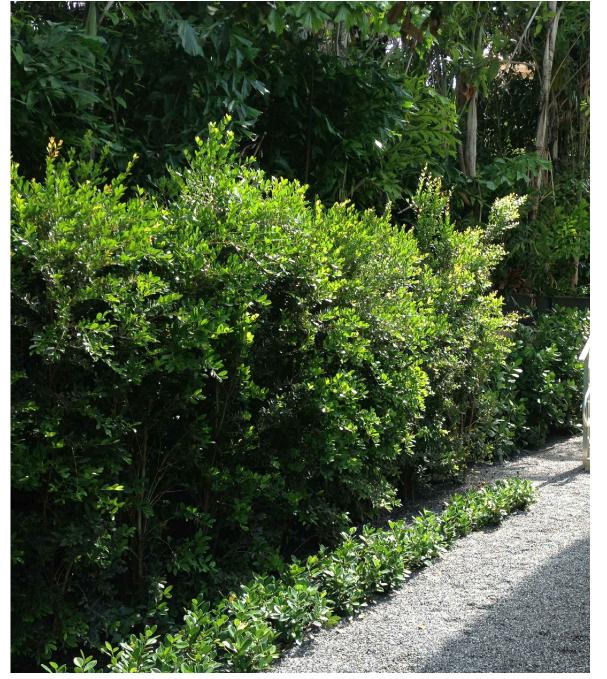
ALO | ELEPHANT EAR *Alocasia* 

LIR | LIRIOPE Liriope muscari 'Big Blue'



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





EUF | SPANISH STOPPER *Eugenia foetida* 













MIN | JASMINE MINIMA Trachelospermum asiaticum 'Minima'







PSL| DWARF BAHAMA COFFEE Psychotria ligustrifolia







CAM | CARISSA 'EMERALD BLANKET' Carissa macrocarpa

PLANT MATERIAL IMAGES

IPP | RAILROAD VINE

ipomoea pes-caprae



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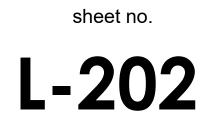
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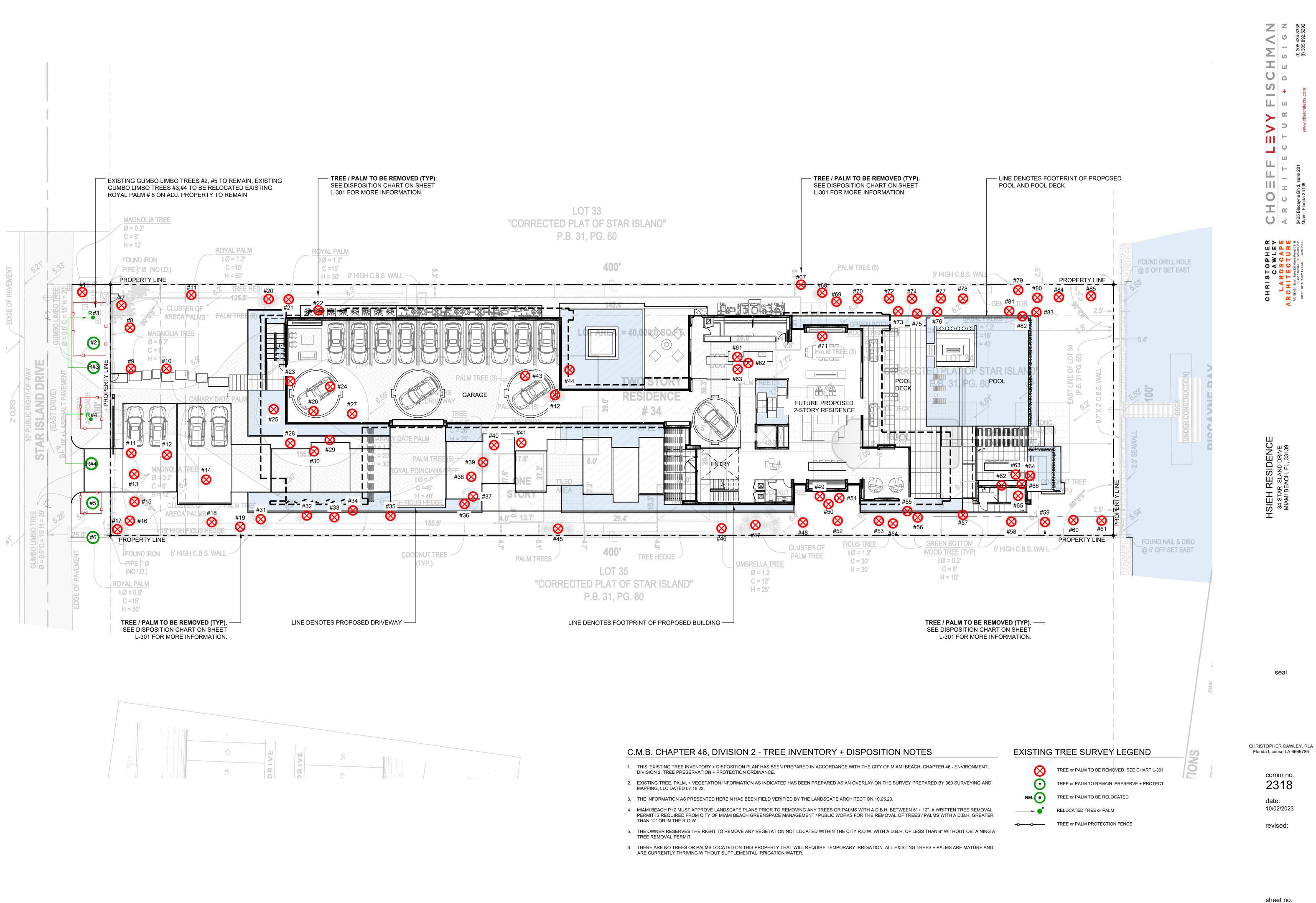
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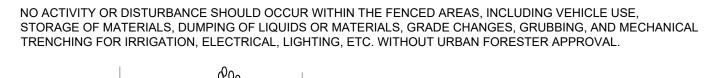
EXISTING TREE SURVEY + DISPOSITION PLAN

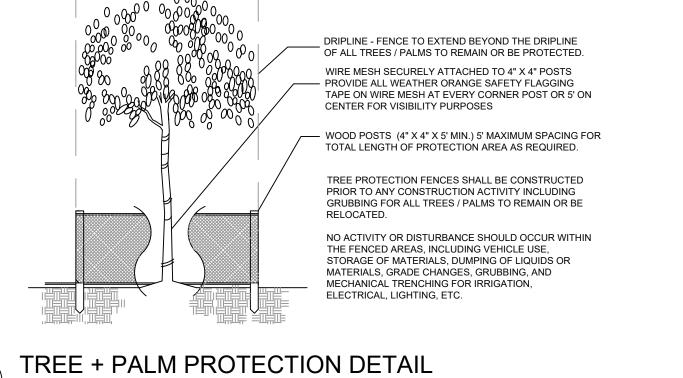


-300

EXISTING TREE INVENTORY + DISPOSITION CHART					EX	ISTING TREE I	NVENTORY +	DISPOS	SITION	I CHA	RT									
NUMBER COMMON NAME	BOTANICAL NAME	SPECIMEN	HT (FT)	SP (FT)	D.B.H (IN)			MITIGATION	COMMENTS	NUMBE	R COMMON NAME	BOTANICAL NAME	SPECIMEN	HT (FT)	SP (FT)	D.B.H (IN)	CONDITION	DISPOSITIO	N MITIGATION COMMENTS	
1 PLUM PINE	Podocarpus	YES	23'	25'	12"	FAIR	REMOVE	N/A	OVERGROWN SHRUB, NO MITIGATION REQUIRED	46	UMBRELLA TREE	Schefflera actinophylla	NO	12'	5'	4"	FAIR	REMOVE	N/A PROHIBITED	SPECIES, NO MITIGATION REQUIRED
2 GUMBO LIMBO	Bursera simaruba	NO	12'	6'	4"	FAIR	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION	47	ALEXANDER PALM	Ptycosperma elegans	NO	20'	15'	CLUSTER	FAIR	REMOVE	1 REP. TREE IN CONFLIC	w/ SITE DESIGN. MITIGATION PROVIDED
3 GUMBO LIMBO	Bursera simaruba	NO	12'	6'	4"	FAIR	RELOCATE	N/A	SEE LANDSCAPE FOR PROPOSED RELOCATION	48	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A TREE UNDE	R REGULATED SIZE. NOT MITIGATION REQ.
4 GUMBO LIMBO	Bursera simaruba	NO	12'	6'	4"	FAIR	RELOCATE	N/A	SEE LANDSCAPE FOR PROPOSED RELOCATION	49	COCONUT PALM	Cocos Nucifera	NO	10'	15'	9"	FAIR	REMOVE	N/A SMALL PALM	IS UNDER 16' HT, NO MITIGATION REQUIRED
5 GUMBO LIMBO	Bursera simaruba	NO	12'	6'	4"	FAIR	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION	50	COCONUT PALM	Cocos Nucifera	NO	15	15'	10"	FAIR	REMOVE	N/A SMALL PALM	IS UNDER 16' HT, NO MITIGATION REQUIRED
6 ROYAL PALM	Roystone elata	NO	9.6"	15'	50"	FAIR	REMAIN	N/A	LOCATED ON ADJACENT PROPERTY	51	COCONUT PALM	Cocos Nucifera	NO	15	15'	10"	FAIR	REMOVE	N/A SMALL PALM	IS UNDER 16' HT, NO MITIGATION REQUIRED
7 ARECA PALM CLUSTE	R Dypsis Lutescens	NO	15'	15'	4"	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 UNDE	R REGULATED SIZE. NOT MITIGATION REQ.
8 JATROPHA	JATROPHA INTEGERRIMA	NO	12'	6'	3"	FAIR	REMOVE	3" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	53	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A TREE UNDE	R REGULATED SIZE. NOT MITIGATION REQ.
9 JATROPHA	JATROPHA INTEGERRIMA	NO	12'	6'	3"	FAIR	REMOVE	3" D.B.H.	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	54	UMBRELLA TREE	Schefflera actinophylla	NO	18'	8'	6"	FAIR	REMOVE	N/A PROHIBITED	SPECIES, NO MITIGATION REQUIRED
10 TRIANGLE PALM	DYPSIS DECARYI	YES	20'	20'	15"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	55	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A TREE UNDE	R REGULATED SIZE. NOT MITIGATION REQ.
11 ROYAL PALM	Roystone elata	NO	9.6"	15'	50"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	56	UMBRELLA TREE	Schefflera actinophylla	NO	18'	8'	6"	FAIR	REMOVE	N/A PROHIBITED	SPECIES, NO MITIGATION REQUIRED
12 TRIANGLE PALM	DYPSIS DECARYI	NO	18'	18'	10"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	57	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A TREE UNDE	R REGULATED SIZE. NOT MITIGATION REQ.
13 JATROPHA	JATROPHA INTEGERRIMA	NO	12'	6'	3"	FAIR	REMOVE	3" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	58	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A TREE UNDE	R REGULATED SIZE. NOT MITIGATION REQ.
14 TRIANGLE PALM	DYPSIS DECARYI	YES	15'	20'	12"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	59	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A TREE UNDE	R REGULATED SIZE. NOT MITIGATION REQ.
15 JATROPHA	JATROPHA INTEGERRIMA	NO	12'	6'	3"	FAIR	REMOVE	3" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	60	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A TREE UNDE	R REGULATED SIZE. NOT MITIGATION REQ.
16 JATROPHA	JATROPHA INTEGERRIMA	NO	12'	6'	3"	FAIR	REMOVE	3" D.B.H	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	61	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE	N/A TREE UNDE	R REGULATED SIZE. NOT MITIGATION REQ.
17 ARECA PALM CUSTER	R Dypsis Lutescens	YES	15'	15'	4"	FAIR	REMOVE	N/A	SMALL PALM CLUSTER, NO MITIGATION REQUIRED	62	COCONUT PALM	Cocos Nucifera	NO	8'	12'	7"	FAIR	REMOVE	N/A SMALL PALM	IS UNDER 16' HT, NO MITIGATION REQUIRED
18 THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	63	COCONUT PALM	Cocos Nucifera	NO	18'	20'	10"	FAIR	REMOVE	1 REP. TREE IN CONFLIC	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	64	COCONUT PALM	Cocos Nucifera	NO	18'	20'	10"	FAIR	REMOVE		w/ SITE DESIGN. MITIGATION PROVIDED
20 PALM CLUSTER	BOTANICAL	YES	18'	18'	14"	FAIR	REMOVE	1 REP. TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	65	COCONUT PALM	Cocos Nucifera	NO	18'	20'	10"	FAIR	REMOVE		W/ SITE DESIGN. MITIGATION PROVIDED
21 ROYAL PALM	Roystone elata	YES	23'	25'	12"	FAIR	REMOVE		IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	66	COCONUT PALM	Cocos Nucifera	NO	18'	20'	10"	FAIR	REMOVE		W/ SITE DESIGN. MITIGATION PROVIDED
22 RECLINATA DATE PAL		NO	25'	20'	10"	FAIR	REMOVE		IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	67	MACARTHUR PALMS	Ptychosperma macarthur		23'	8'	6"	FAIR	REMOVE		W/ SITE DESIGN. MITIGATION PROVIDED
23 MEXICAN FAN PALM	Washintonia robusta	NO	23'	20'	12"	FAIR	REMOVE	1 REP_TREE		68	MACARTHUR PALM	Ptychosperma macarthur		25'	8'	CLUSTER	FAIR	REMOVE		w/ SITE DESIGN. MITIGATION PROVIDED
24 MEXICAN FAN PALM	Washintonia robusta	NO	15'	20'	12"	FAIR	REMOVE	1 REP_TREE	IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	69	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE		R REGULATED SIZE. NOT MITIGATION REQ.
25 COCONUT PALM	Cocos Nucifera	NO	15'	18'	12"	FAIR			SMALL PALM CLUSTER, NO MITIGATION REQUIRED	70	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE		R REGULATED SIZE. NOT MITIGATION REQ.
26 DATE PALM	Pheonix sylvestris	NO	15'	18'	12"	FAIR			SMALL PALM CLUSTER, NO MITIGATION REQUIRED	71	PALM CLUSTER	UNKNOWN	NO	15'	6'	4"	FAIR	REMOVE		w/ SITE DESIGN. MITIGATION PROVIDED
27 COCONUT PALM	Cocos Nucifera	NO	18'	18'	12"	FAIR	REMOVE		IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED	72	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE		R REGULATED SIZE. NOT MITIGATION REQ.
28 COCONUT PALM	Cocos Nucifera	NO	18'	18'	14"	FAIR			IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	73	THATCH PALM	Thrinax radiata	NO	6'	6'	5"	FAIR	REMOVE		IS UNDER 16' HT, NO MITIGATION REQUIRED
29 MEXICAN FAN PALM	Washintonia robusta	NO	10'	14'	10"	FAIR	REMOVE		IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	74	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE		R REGULATED SIZE. NOT MITIGATION REQ.
30 MEXICAN FAN PALM	Washintonia robusta	NO	18'	18'	14"	FAIR	-		IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	75	CHINESE FAN PALM	Livistona chinesis	NO	12'	12'	7"	FAIR	REMOVE		IS UNDER 16' HT, NO MITIGATION REQUIRED
31 THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR			IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	76	THATCH PALM	Thrinax radiata	NO	15'	6'	5"	FAIR	REMOVE		IS UNDER 16' HT, NO MITIGATION REQUIRED
32 THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE		IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	77	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE		R REGULATED SIZE. NOT MITIGATION REQ.
33 THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE		IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	78	PIGEON PLUM	Coccoloba diversifolia	NO	10'	8'	2"	FAIR	REMOVE		R REGULATED SIZE. NOT MITIGATION REQ.
34 THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE		IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	78	SMALL PALM CLUSTER		NO	15'	6'	5"	FAIR	REMOVE		IS UNDER 16' HT, NO MITIGATION REQUIRED
35 THATCH PALM	Thrinax radiata	NO	18'	6'	6"	FAIR	REMOVE		IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	80	PIGEON PLUM	Coccoloba diversifolia	NO	10'	0 8'	2"	FAIR	REMOVE		R REGULATED SIZE. NOT MITIGATION REQ.
36 COCONUT PALM	Cocos Nucifera	YES	15'	18'	12"	FAIR			IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	81	MEXICAN FAN PALM	Washintonia robusta	NO	25'	20'	10"	FAIR	REMOVE		w/ SITE DESIGN. MITIGATION PROVIDED
37 COCONUT PALM	Cocos Nucifera	YES	15	18'	12	FAIR	REMOVE		IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	82	MEXICAN FAN PALM	Washintonia robusta	NO	25	20	10"	FAIR	REMOVE		w/ SITE DESIGN. MITIGATION PROVIDED
37 COCONUT PALM 38 ROYAL POINCIANA	Delonix regia	YES	40'	40'		FAIR	REMOVE	12" D.B.H	IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED	82	MEXICAN FAN PALM	Washintonia robusta	NO	25	20		FAIR	REMOVE		w/ SITE DESIGN. MITIGATION PROVIDED
	Ptychosperma macarthurii		40	40			REMOVE	12" D.B.H		83				10'	20	10"		REMOVE		R REGULATED SIZE. NOT MITIGATION REQ.
		NO	10	4	CLUSTEF		REMOVE		SMALL PALM UNDER 16' HT, NO MITIGATION REQUIRED		PIGEON PLUM	Coccoloba diversifolia	NO		0	2	FAIR			R REGULATED SIZE. NOT MITIGATION REQ.
	Pheonix roebelenii Callistemon rigidus	YES	12'	0	5"	FAIR		N/A		85	PIGEON PLUM	Coccoloba diversifolia	NO	10'	Ö	2	FAIR	REMOVE	N/A TREE UNDE	REGULATED SIZE. NOT MITIGATION REQ.
41 BOTTLEBRUSH		YES	18	15'	9	FAIR	REMOVE	9" D.B.H	IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED											
42 RECLINATA DATE PAL		YES	8	5	4",4",4"	FAIR	REMOVE		IN CONFLICT W/ SITE DESIGN. MITIGATION PROVIDED										OF 44 PALMS	
43 RECLINATA DATE PALI		YES	18'	18'	14"	FAIR	REMOVE												" D.B.H. x 6' SP " D.B.H. x 6' SP	
44 MACARTHUR PALM	Ptychosperma macarthurii	YES	18'	18'	14"	FAIR	REMOVE		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											

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' ONSITE. TPF SHALL BE MAINTAINED AND SHALL REMAIN UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED FROM CITY URBAN FORESTER AFTER ALL SITE WORK HAS BEEN COMPLETED.





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	12 REPLACEMENT TREES PROVIDED @ 12' HT' + 2" DBH + 6' SP
	OR	BREAKDOWN:
	6 @ 16' HT + 4" DBH + 8' SP	(6) BAYRUM TREES @ 16' HT + 4" DBH + 8' SP = <b>12 REPLACEMENT TREES</b>
PALMS		·
REMOVED (TOTAL PALMS)	REPLACEMENT TREES REQ.	REPLACEMENT TREES PROVIDED
44	44 @ 12' HT + 2" DBH + 6' SP	49 REPLACEMENT TREES PROVIDED @ 12' HT' + 2" DBH + 6' SP
	OR	BREAKDOWN:
	22 @ 16' HT + 4" DBH + 8' SP	<ul> <li>(10) NATIVE SPANISH STOPPER TREES @ 16' HT + 4" DBH + 8' SP = 20 REPLACEMENT TREES</li> <li>(13) BAYRUM TREES @ 16' HT + 4" DBH + 8' SP = 26 REPLACEMENT TREES</li> <li>(5) NATIVE CLUSIA ROSEA TREE @ 20' HT + 8" DBH + 10' SP = 3 REPLACEMENT TREES</li> </ul>

TREE DISPOSITION SUMMARY								
	TOTAL	REMAIN	REMOVE	RELOCATE				
TREES	32	3	28	2				
PALMS	52	0	52	0				



Ш HSIEH RESIDENCE 34 STAR ISLAND DRIVE MIAMI BEACH, FL, 33139

seal

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10/02/2023

revised:

sheet no.

**L-301** 

date: