

C.M.B. LANDSCAPE FINAL DRB SUBMITTAL 07.14.21

NEW RESIDENCE | 5970 NORTH BAY ROAD | MIAMI BEACH, FLORIDA

CLIENT / PROPERTY INFORMATION

PROPERTY ADDRESS 5970 NORTH BAY ROAD MIAMI BEACH, FL 33140

EXISTING VEGETATION SUMMARY

The existing vegetation located on the property is composed mostly palms and one tree near the NE and S property line. Please note that the landscape architect is proposing to preserve + protect the weeping fig tree along the east property line. The landscape architect is requesting to remove the remaining vegetation on site. Please note that the landscape architect intends to provide an improved landscape design that shall mitigate for the palm loss by introducing new native trees to the site and meet all landscape requirements set forth by C.M.B. Chapter 126.

SCOPE OF WORK

New landscape design to complement new Residence

INDEX OF SHEETS

- **L0.0** Landscape Cover + Sheet Index
- L1.0 Existing Tree Survey + Disposition Plan
 L1.1 Existing Tree Chart, Mitigation Summary, Notes + Details
 L2.0 Ground Floor Landscape Plan
 L2.1 Second Floor Landscape Plan
- **L3.0** Plant List, Landscape Code + Details

CHRISTOPHER CAWLEY LANDSCAPE ARCHITECTURE 780 NE 69th Street, Suite 200 Miami, Florida 33138

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CHRISTOPHERCAWLEY.COM | LC 26000460

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PRIVATE RESIDENCE

5970 NORTH BAY ROAD MIAMI BEACH, FL 33140



Christopher



CHRISTOPHER CAWLEY, RLA Florida License LA 6666786

Owner: Name Address OWNER OWNER_ADDRESS1 OWNER_ADDRESS2 OWNER_PHONE OWNER_EMAIL

Consultant: Name Address Address Tel: Email

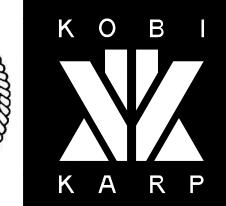
Consultant: Name Address

Address Tel: Email Consultant:

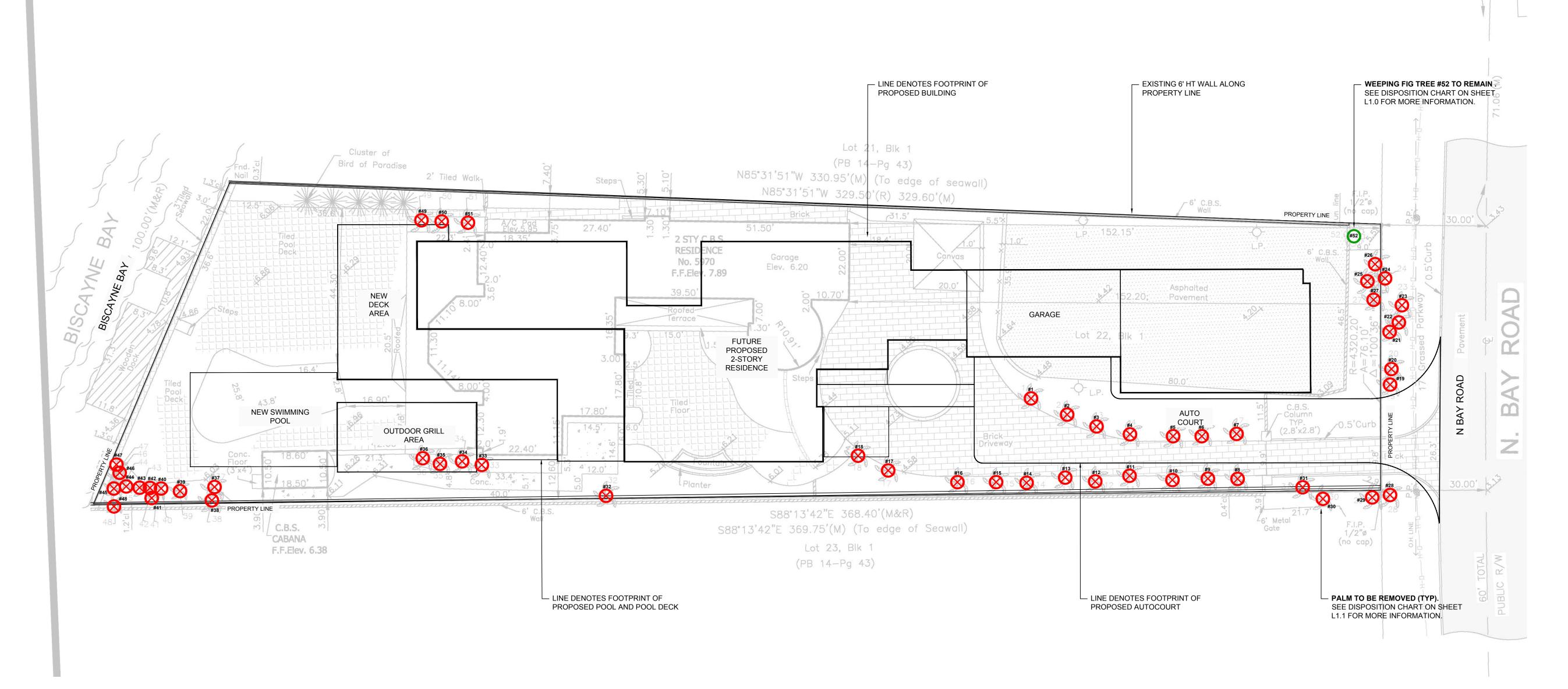
Name Address Address Tel: Email

Architect of Record: Kobi Karp Architecture and Interior Design, Inc. 571 NW 28th Street,
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Sheet No. Date 05/27/2021 AS INDICATED **LO.0** Project 5970 N BAY RD



C.M.B. EXISTING TREE SURVEY LEGEND



TREE or PALM TO BE REMOVED. SEE CHART L1.1.



TREE or PALM TO REMAIN. PRESERVE + PROTECT

C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION PLAN 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 and PROTECTION ORDINANCE.
- 2. EXISTING TREE, PALM, AND VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY AMERICAN SERVICES OF MIAMI, CORP... DATED 04.23.21
- 3. THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 06.06.21
- 4. MIAMI BEACH P+Z MUST APPROVE LANDSCAPE PLANS PRIOR TO REMOVING ANY TREES OR PALMS WITH A DBH BETWEEN 6" AND 12" INCHES. A WRITTEN TREE REMOVAL PERMIT IS REQUIRED FROM CITY OF MIAMI BEACH GREENSPACE MANAGEMENT / P.W FOR THE REMOVAL OF TREES / PALMS WITH A DBH GREATER THAN 12" INCHES OR IN THE R.O.W.
- 5. THE OWNER RESERVES THE RIGHT TO REMOVE ANY VEGETATION NOT LOCATED WITHIN THE CITY R.O.W. w/ a D.B.H. OF LESS THAN 6" WITHOUT OBTAINING A TREE REMOVAL PERMIT.
- 6. THERE ARE NO TREES OF PALMS LOCATED ON THIS PROPERTY THAT WILL REQUIRE TEMPORARY IRRIGATION. ALL EXISTING TREES + PALMS ARE MATURE AND ARE CURRENTLY THRIVING WITHOUT SUPPLEMENTAL IRRIGATION WATER.

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PRIVATE RESIDENCE 5970 NORTH BAY ROAD MIAMI BEACH, FL 33140



Christopher Cawley 10:59:54



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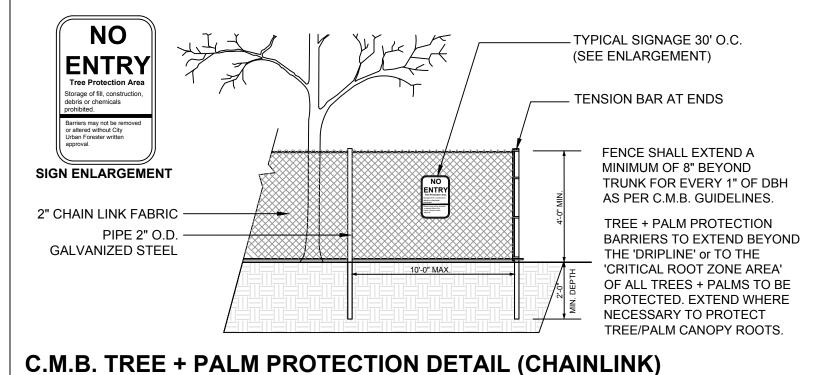
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EXISTING TREE SURVEY + DISPOSITION PLAN

CHRISTOPHER **ARCHITECTURE**

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.

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.



N.T.S.

TREE DISPOSITION S	SUMMARY
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	TOTAL	REMAIN	REMOVE	RELOCATE
TREES	1	1	0	0
PALMS	51	0	51	0

NUMBER	COMMON NAME	BOTANICAL NAME	D.B.H. (IN)	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	MITIGATION	COMMENTS
#1	ROYAL PALM	Roystonea elata	+/- 18"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#2	ROYAL PALM	Roystonea elata	+/- 18"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#3	ROYAL PALM	Roystonea elata	+/- 18"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#4	ROYAL PALM	Roystonea elata	+/- 18"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#5	ROYAL PALM	Roystonea elata	+/- 18"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#6	ROYAL PALM	Roystonea elata	+/- 18"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#7	ROYAL PALM	Roystonea elata	+/- 18"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#8	ROYAL PALM	Roystonea elata	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#9	ROYAL PALM	Roystonea elata	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#10	ROYAL PALM	Roystonea elata	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#11	ROYAL PALM	Rovstonea elata	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#12	ROYAL PALM	Roystonea elata	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#13	ROYAL PALM	Roystonea elata	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#14	ROYAL PALM	Roystonea elata	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
	ROYAL PALM	<u> </u>	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE		IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#15		Roystonea elata					_	1 REP. TREE	
#16	ROYAL PALM	Roystonea elata	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#17	ROYAL PALM	Roystonea elata	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#18	ROYAL PALM	Roystonea elata	+/- 24"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#19	COCONUT PALM	Cocos nucifera	+/- 12"	+/- 35'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#20	COCONUT PALM	Cocos nucifera	+/- 12"	+/- 35'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#21	COCONUT PALM	Cocos nucifera	+/- 12"	+/- 35'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#22	COCONUT PALM	Cocos nucifera	+/- 12"	+/- 35'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#23	COCONUT PALM	Cocos nucifera	+/- 12"	+/- 35'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#24	MACARTHUR PALM	Ptychosperma macarthurii	+/- 5"	+/- 18'	+/- 6'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#25	MACARTHUR PALM	Ptychosperma macarthurii	+/- 5"	+/- 18'	+/- 6'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#26	MACARTHUR PALM	Ptychosperma macarthurii	+/- 5"	+/- 18'	+/- 6'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#27	MACARTHUR PALM	Ptychosperma macarthurii	+/- 5"	+/- 18'	+/- 6'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#28	MACARTHUR PALM	Ptychosperma macarthurii	+/- 5"	+/- 18'	+/- 6'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#29	ALEXANDER PALM	Ptychosperma elegans	+/- 3"	+/- 12'	+/- 5'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#30	ROYAL PALM	Roystonea elata	+/- 18"	+/- 60'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#31	ROYAL PALM	Roystonea elata	+/- 24"	+/- 60'	+/- 5'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#32	FISHTAIL PALM	Caryota mistis	+/- 4"	+/- 25'	+/- 8'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#33	MACARTHUR PALM	Ptychosperma macarthurii	+/- 3"	+/- 12'	+/- 6'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#34	MACARTHUR PALM	Ptychosperma macarthurii	+/- 3"	+/- 12'	+/- 6'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#35	MACARTHUR PALM	Ptychosperma macarthurii	+/- 3"	+/- 12'	+/- 6'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#36	MACARTHUR PALM	Ptychosperma macarthurii	+/- 3"	+/- 12'	+/- 6'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#37	COCONUT PALM	Cocos nucifera	+/- 15"	+/-50'	+/- 50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#38	COCONUT PALM	Cocos nucifera	+/- 12"	+/-15'	+/- 20'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#39	COCONUT PALM	Cocos nucifera	+/- 12"	+/-30'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#40	COCONUT PALM	Cocos nucifera	+/- 12"	+/-30'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#41	COCONUT PALM	Cocos nucifera	+/- 12"	+/-30'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#42	COCONUT PALM	Cocos nucifera	+/- 12"	+/-30'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#43	COCONUT PALM	Cocos nucifera	+/- 12"	+/-30'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
	COCONUT PALM		+/- 12"	+/-30'	+/- 25'	FAIR	REMOVE	1 REP. TREE	
#44		Cocos nucifera							IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#45	COCONUT PALM	Cocos nucifera	+/- 12"	+/-30'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#46	COCONUT PALM	Cocos nucifera	+/- 12"	+/-30'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#47	COCONUT PALM	Cocos nucifera	+/- 12"	+/-30'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#48	COCONUT PALM	Cocos nucifera	+/- 12"	+/-30'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#49	MACARTHUR PALM	Ptychosperma macarthurii	+/- 6"	+/- 20'	+/- 25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#50	MACARTHUR PALM	Ptychosperma macarthurii	+/- 4"	+/- 18'	+/- 6'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDE
#50					1	+			

TOTAL TREE DBH LOSS: 0" + THE REMOVAL OF (51) PALMS * TREE MITIGATION REQUIRED: (0) REPLACEMENT TREES @ 12'HT x 2" DBH X 6' SPREAD PALM MITIGATION REQUIRED: (51) REPLACEMENT TREES @ 12'HT x 2" DBH X 6' SPREAD

CH. 46 TREE PRESERVATION + PROTECTION / TREE + PALM MITIGATION SUMMARY

TOTAL TREE DBH LOSS: 0"

TOTAL PALMS REMOVED: 51 PALMS

REPLACEMENT TREES REQUIRED:

(51) REPLACEMENT TREES REQUIRED @ 12' HEIGHT + 2" DBH + 6' SPREAD or (26) REPLACEMENT TREES REQUIRED @ 16' HT + 4" DBH + 8' SPREAD

REPLACEMENT TREES PROVIDED: 65 REPLACEMENT TREES PROVIDED @ 12'HT + 2" DBH

BREAKDOWN:

- (2) NATIVE MAHOGANY TREES @ 20' HEIGHT + 6" DBH + 10' SPREAD = 6 REPLACEMENT TREES - (19) BRAZILIAN BEAUTYLEAF TREES @ 18' HEIGHT + 6" DBH + 10' SPREAD = 36 REPLACEMENT TREES
- (1) VERAWOOD TREE @ 18' HEIGHT + 6" DBH + 10' SPREAD = 3 REPLACEMENT TREES
- (4) BRIDAL VEIL TREES @ 16' HEIGHT + 4" DBH + 8' SPREAD = 8 REPLACEMENT TREES - (3) NATIVE PIGEON PLUM TREES @ 12' HEIGHT + 2" DBH + 6' SPREAD = 3 REPLACEMENT TREES
- (6) NATIVE SILVER BUTTONWOOD TREES @ 12' HEIGHT + 2" DBH + 6' SPREAD = 6 REPLACEMENT TREES - (3) NATIVE SIMPSON STOPPER TREES @ 12' HEIGHT + 2" DBH + 6' SPREAD = 3 REPLACEMENT TREES

EXISTING TREE CHART, MITIGATION SUMMARY, NOTES + DETAILS

Consultant: Address Address

Address Address

Consultant: Name

Address Tel: Email

Email Consultant: Name Address Address

Architect of Record: Kobi Karp Architecture and Interior Design, Inc. 571 NW 28th Street, Miami, Florida 33127 USA Tel: +1(305) 573 1818

Date Rev.

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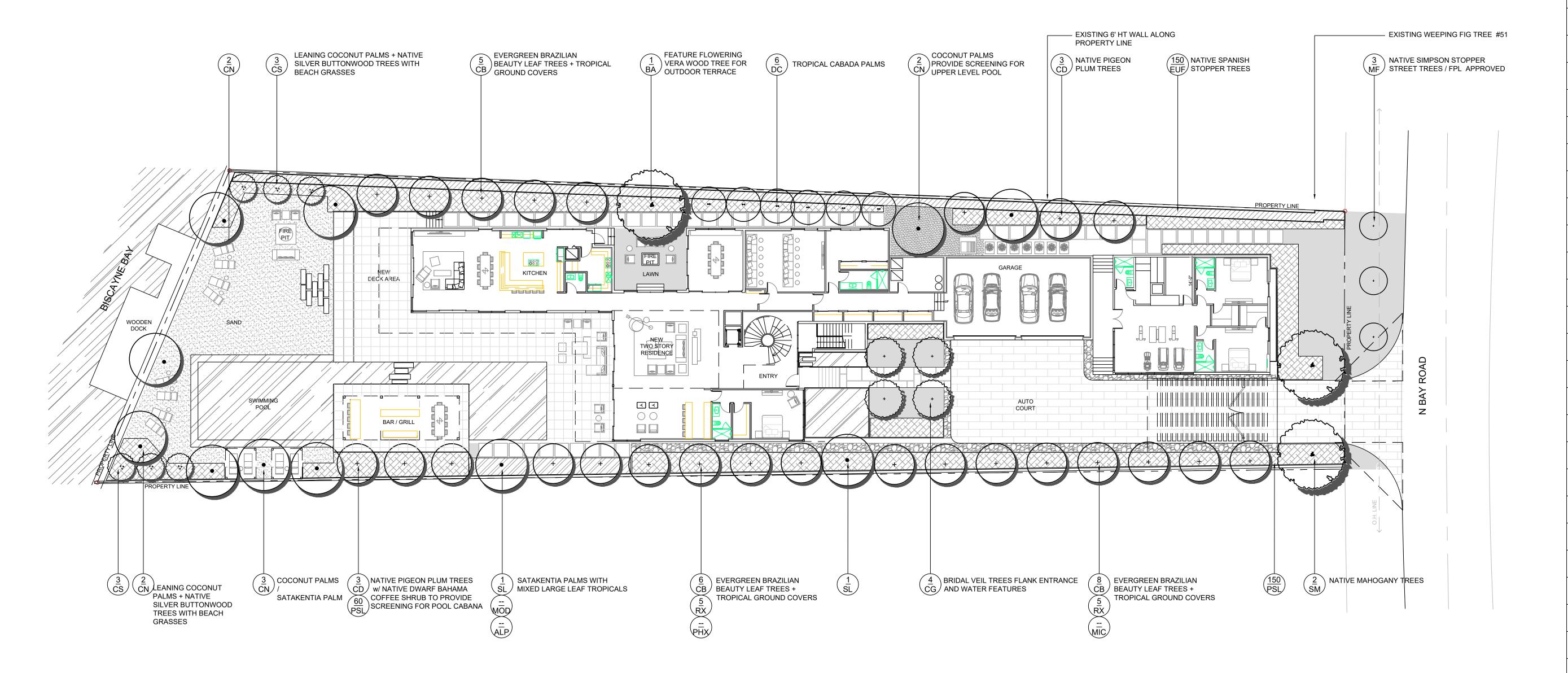


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CAWLEY

LANDSCAPE				
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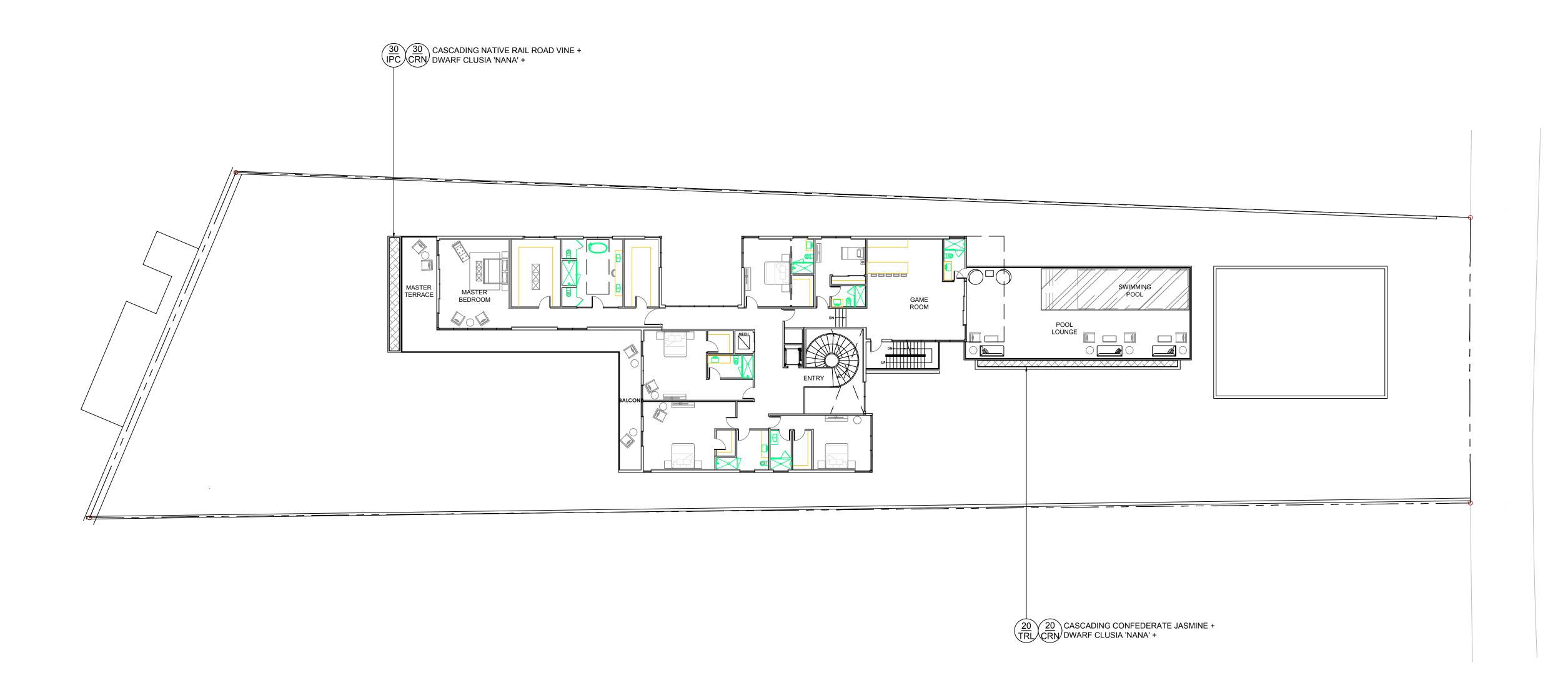
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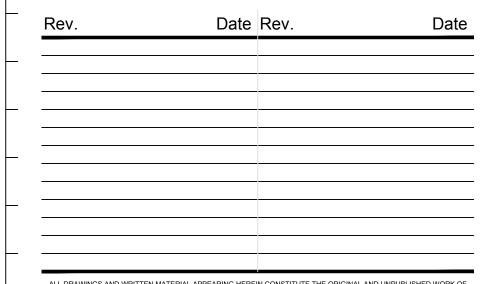
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Christopher Cawley 2021.07.14 § 11:00:47



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Consultant: Name Address Address Tel:

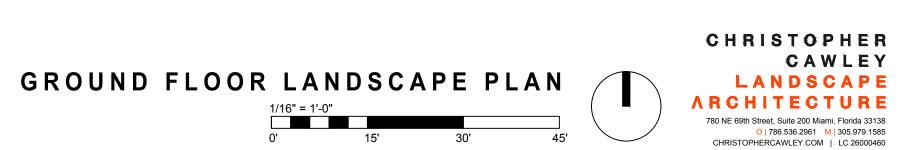
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69th Street, Suite 200 Miami, Florida 33138	_	Scale	AS INDICATED	L2.
		Project	5970 N BAY RD	

LANDSCAPE 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.
- 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 ROOTBALLS OF INSTALLED OR EXISTING TREES AND OR PALMS

6" DEPTH PLANTING SOIL SPREAD IN PLACE- THROUGHOUT.

ALL LANDSCAPE AND AREAS TO BE SODDED.

KEY QTY. NATIVE COMMON NAME

YES VERAWOOD TREE

6 YES PIGEON PLUM TREE

4 NO BRIDAL VEIL TREE

2 YES MAHOGANY

6 NO COCONUT PALM

6 NO CABADA PALMS

5 NO SATAKENTIA PALM

20 NO DWARF PITCH APPLE

ERL AS REQ. NO GOLDEN BEACH CREEPER

MOD AS REQ. NO SWISS CHEESE PLANT

PHX AS REQ. NO PHILODENDRON 'XANADU'

PSR AS REQ. NO RED FOUNTAIN GRASS

TRF AS REQ. YES DWARF FAKAHATCHEE

TRL AS REQ. NO CONFEDERATE JASMINE

PRC | AS REQ. | NO | PHILODENDRON 'ROJO CONGO'

MLC | AMERIGROW 'PREMIUM PINEBARK BROWN' SHREDDED MULCH

SOD NATIVE SEA SHORE PASPALUM LAWN - OVER 2" TOPSOIL BED, SEE PLANTING SPECS

PGC AS REQ. NO PHILODENDRON 'GREEN CONGO' Same

200 YES SPANISH STOPPER SHRUB

PSL 210 YES DWARF BAHAMA COFFEE SHRUB Psychotria ligustrifolia

10 NO LADY PALMS

ALP AS REQ. NO RED GINGER

IPC AS REQ. NO RAILROAD VINE

LIR AS REQ. NO LILYTURF

SOD, AGGREGATE & MULCH

MIC AS REQ. NO WART FERN

19 NO BRAZILIAN BEAUTYLEAF TREE

6 YES SILVER BUTTONWOOD TREE

3 YES SIMPSON STOPPER TREE

TREES

CG

CS

SM

CN

DC

SHRUBS

GROUNDCOVERS

PALMS

SHRUB AND HEDGE PLANTING AREAS:
12" DEPTH PLANTING SOIL SPREAD IN PLACE- THROUGHOUT

REMOVE ALL LIMEROCK PRESENT TO A DEPTH OF AT LEAST 30"BEFORE PLACING

NEW PLANTING SOIL. APPLY NEW CLEAN PLANTING SOIL IN PLANTING AREA AS 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

- 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 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 LE FOR TREES PALMS SPECIMEN PLANTS SHRUBS AND GROUNDCOVERS 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 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.
- 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 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.

PLANT LIST - 5970 NORTH BAY ROAD

BOTANICAL NAME

Calophyllum brasiliense

Coccoloba diversifolia

Caesalpinia granadillo

Myrcianthes fragrans

Swietenia mahagoni

Cocos nucifera 'Maypan'

Dypsis cabadae

Rhapis excelsa

Satakentia liukiuensis

Clusia rosea 'Nana'

Chrysobalanus icaco

Alpina purpurata

Ernodea littoralis

Liriope muscari

Monstera deliciosa

Tripsacum flordiana

Ipomoea pes-caprae

Microsorum scolopendrium

Pennisetum setaceum 'Rubrum'

Trachelospermum jasminoides

Conocarpus erectus 'Sericeus'

Bulnesia arborea

- 9. ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" with 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.
- 11. 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 STAKES, POLES, WELLINGTON TAPE AND OR BRACING MATERIALS FROM ALL PALMS, TREES AND SHRUBS WITHIN 1 YEAR OF
- 12. 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.
- 13.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
- 13.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
- 14.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 OF MIAMI BEACH CODE. ANSI-A 300 PRUNING STANDARDS AND OR AN ISSUED ERM TREE PERMIT OR ENVIRONMENTAL PERMIT. ANY CORRECTIVE PRUNIING REQUIRED SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST OR ASCA CONSULTING ARBORIST AND THE CITY URBAN FORESTER SHALL BE CONSULTED.
- 15. 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
- 17. 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.

HEIGHT, SPECIFICATION, & NOTES

20' ht min, 10' spread min, 6" dbh, standard trunk

16' ht min, 8' spread min, 4" dbh, multi-trunk

8' gray wood, leaning, Florida Fancy

15 gallon, 8' height, Florida Fancy

7 gallon, 2' - 3' height, 30" spread

3 gallon, 12" on center, full

1 gallon, 12" on center, full

3 gallon, 24" on center, full

3 gallon, 18" on center, full

3 gallon, 18" on center, full

3 gallon, 18" on center, full

1 gallon, 18" on center, full

1 gallon, 18" on center, full

1 gallon, 18" on center, full

15 gallon, 5' height, 2' spread, 30" on center

15 gallon, 5' height, 2' spread, 30" on center

8' ht, clump, multi-trunk

7 gallon, 24" on center, full

20' ht min. 10' spread min. 6" dbh. standard trunk

18' ht min. 10' spread min. 6" dbh. 5' clear trunk, standard trunk

16' ht min, 8' spread min, 4" dbh, 5' clear trunk, standard trunk

16' ht min, 8' spread min, 4" dbh, 5' clear trunk standard

Specimen 12' ht min 8' spread min 4" dbh multi-trunk

APART, PAINTED 'FLAT BLACK'. ATTACH STAKES TO BATTENS USING NAILS TAKING CARE NOT TO NAIL BATTENS TO TREE TRUNK. FOR TREES LARGER THAN 10-12" CALIPER UTILIZE (4) WOODEN 4" X 4" STAKES ROOT FLARE 1"-2" ABOVE FINAL GRADE-2" MIN DEPTH COCO BROWN MULCH LAYER - REFER-TO SPECIFICATION ON SAME SHEET. MULCH SHALL NOT BE PLACED WITHIN 6" OF TREE TRUNK ROOTBALL: LOOSEN AND REMOVE ALL WIRE AND 2/3-OF ANY BURLAP PRESENT. REMOVE ALL BURLAP IF IS NOT 100% BIODEGRADABLE FINISHED GRADE-DETAIL 2 CONTINUOUS SOUL SAUCER AS REQUIRED TO CONTAIN WATER, FILL 3 TIMES IMMEDIATELY AFTER PLANTING,— RAKE OUT PRIOR TO MULCHING AND PLANTING DETAIL 1 PLANTING PIT SHALL BE A MINIMUN OF THREE — (<u>Au m da m ad an ai</u> TIMES THE DIAMETER OF THE ROOTBALL BACKFILL. TOP SOIL TYP. OF AREA. BACKFILL SHALL-BE AMENDED THROUGHOUT ENTIRE SITE WITH FERTILIZER AND COMPOST AS REQUIRED —MINIMUN 5 LAYERS OF BURLAP -(5) P.T. WOOD BATTENS @ (2 X4 X 16") TOP OF STAKE MUST BE MINIMUN—— ✓ WOOD BATTENS OF 3" BELOW FINISHED GRADE

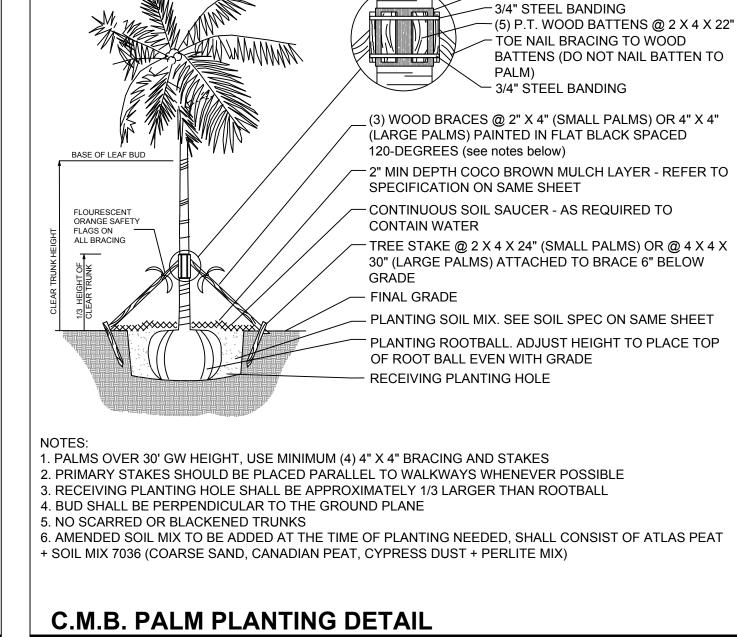
EDGE OF TREE PIT

C.M.B. LARGE TREE PLANTING DETAIL

STAKING DETAIL. DETAIL 1

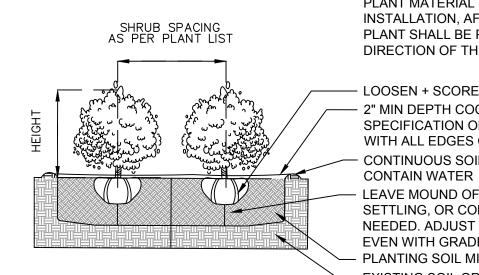
PROVIDE MINIMUN OF (3) WOODEN 4" X 4" STAKES 20"

N.T.S.



N.T.S.

CHRISTOPHER



PLANT MATERIAL SHALL NOT BE PRUNED PRIOR TO INSTALLATION, AFTER PLANTS HAVE BEEN INSTALLED, EACH PLANT SHALL BE PRUNED FOR UNIFORMITY OR AT THE DIRECTION OF THE PROJECT LANDSCAPE ARCHITECT.

- 3/4" STEEL BANDING

 LOOSEN + SCORE BOUND ROOTS - 2" MIN DEPTH COCO BROWN MULCH LAYER - REFER TO SPECIFICATION ON SAME SHEET. MULCH SHALL BE LEVEL WITH ALL EDGES OF PAVEMENT, TYPICAL CONTINUOUS SOIL SAUCER - AS REQUIRED TO

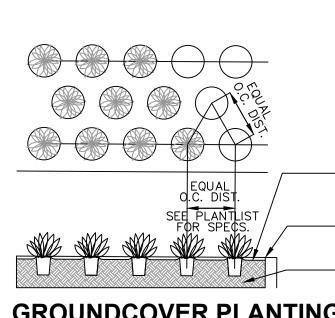
BRACING DETAIL. DETAIL 2

LEAVE MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING, OR COMPACT THOROUGHLY UNDER SHRUB AS NEEDED. ADJUST HEIGHT TO PLACE TOP OF ROOT BALL EVEN WITH GRADE

- PLANTING SOIL MIX. SEE SOIL SPEC ON SAME SHEET EXISTING SOIL OR APPROVED BACKFILL

SHRUB PLANTING DETAIL

N.T.S.



GROUNDCOVERS TO BE STAGGERED AS SHOWN -SPACING BETWEEN ROWS TO BE AT A 60 DEGREE ANGLE OF THE O.C. DISTANCE AS SHOWN FERTILIZER TO BE APPLIED AT TIME OF PLANTING. FERTILIZER SHALL BE SCOTTS AGRIFORM 20-10-5

LAYERS OF BURLAP

PLANTING TABS OR APPROVED EQUAL 2" MIN DEPTH COCO BROWN MULCH LAYER - REFER TO SPECIFICATION ON SAME SHEET, MULCH SHALL BE LEVEL WITH ALL EDGES OF PAVEMENT, TYPICAL

PAVEMENT TYPICAL --- PLANTING SOIL MIX. SEE SOIL SPEC ON SAME SHEET

- MULCH SHALL BE LEVEL WITH ALL EDGES OF

GROUNDCOVER PLANTING DETAIL

LANDSCAPE LEGEND

MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 26 (RS1 - RS4 Single Family Home Residential)

ZONING: RS2

LOT SIZE: 30,800 SF **ACRES**: .71

FRONT YARD - 2 TREES REQUIRED / 3 TREES PROVIDED

REAR YARD -3 TREES REQUIRED / 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. 30,800 - 6,000 = 24,800 SF = **30 TOTAL TREES REQUIRED / 70 TREES PROVIDED.**

(6 NATIVE PIGEON PLUM TREES + 6 NATIVE SILVER BUTTONWOOD TREES + 2 NATIVE MAHOGANY TREES + 3 NATIVE SIMPSON STOPPER TREES + 19 BEAUTYLEAF TREES + 4 BRIDAL VEILS + 1 VERAWOOD)

21 - 30 REQUIRED TREES = 6 TREE SPECIES / 7 SPECIES PROVIDED

30% OF REQUIRED TREES OR .30 X 30 = 9 NATIVE TREES REQUIRED / 17 NATIVE TREES PROVIDED (6 NATIVE PIGEON PLUM TREES + 6 NATIVE SILVER BUTTONWOOD TREES + 2 NATIVE MAHOGANY TREES + 3 NATIVE SIMPSON STOPPER TREES)

LOW MAINTENANCE TREES

50% OF REQUIRED TREES OR .50 X 30 = 15 LOW MAINTENANCE REQUIRED / 37 LM TREES PROVIDED (6 NATIVE PIGEON PLUM TREES + 6 NATIVE SILVER BUTTONWOOD TREES + 2 NATIVE MAHOGANY TREES + 3 NATIVE SIMPSON STOPPER TREES + 19 BEAUTYLEAF TREES)

STREET TREE REQUIREMENT

AVERAGE STREET TREE SPACING 20' ON CENTER NORTH BAY ROAD: 76 LF / 20 = 4 STREET TREES REQUIRED / 4 STREET TREES PROVIDED (3 NATIVE SIMPSON STOPPER TREES + 1 MAHOGANY TREE)

12 SHRUBS (OR VINES) REQUIRED FOR EACH REQUIRED LOT AND STREET TREE or 12 X (34) = 408 SHRUBS REQUIRED / 410 SHRUBS PROVIDED (200 NATIVEW SPANISH STOPPER SHRUBS + 210 NATIVE DWARF BAHAMA COFFEE SHRUBS PROVIDED)

50% OF TOTAL SHRUBS REQUIRED MUST BE NATIVE or .50 X 408 = 204 NATIVE SHRUBS REQUIRED / 410 NATIVE SHRUBS PROVIDED (200 NATIVEW SPANISH STOPPER SHRUBS + 210 NATIVE DWARF BAHAMA COFFEE SHRUBS PROVIDED)

LARGE SHRUBS / SMALL TREES

10% OF TOTAL SHRUBS REQUIRED MUST BE LARGE SHRUBS OR SMALL TREES or .10 X 432 = 41 LARGE SHRUBS REQUIRED / 200 LARGE SHRUBS / SMALL TREES PROVIDED (200 NATIVEW SPANISH STOPPER SHRUBS)

NATIVE LARGE SHRUBS / SMALL TREES

50% OF TOTAL LARGE SHRUBS REQUIRED MUST BE NATIVE or .50 X 41 = 21 NATIVE LARGE SHRUBS REQUIRED / 200 NATIVE LARGE SHRUBS PROVIDED (200 NATIVEW SPANISH STOPPER SHRUBS)

50% MAXIMUM OF LANDSCAPE AREA: NEW LAWN AREAS ARE LESS THAN 50% OF LANDSCAPE AREA

100% COVERAGE PROVIDED PURSUANT TO CMB REQUIREMENTS SET IN CHAPTER 126

PRIVATE RESIDENCE

5970 NORTH BAY ROAD MIAMI BEACH, FL 33140



Christopher Cawley 11:01:00

Date Rev.

ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK O



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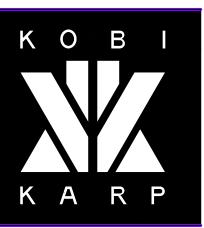
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PLANT LIST, LANDSCAPE CODE + DETAILS