MIAMI BEACH DESIGN REVIEW BOARD FINAL SUBMITTAL

NEW RESIDENCE | 250 S. HIBISCUS DRIVE | MIAMI BEACH, FLORIDA

CLIENT / PROPERTY INFORMATION

PROPERTY ADDRESS
250 S. HIBISCUS DRIVE
MIAMI BEACH, FL 33139

EXISTING VEGETATION SUMMARY

The existing vegetation located on the property is composed primarily of smaller palms, some trees and groundcovers. There is a weeping fig tree and a royal palm located in the public right of way the landscape architect is proposing to preserve. All other vegetation on site is being requested for removal and shall be replaced with a new improved landscape design that will introduce native shade trees + canopy.

SCOPE OF WORK

- New landscape design to complement proposed new two story contemporary residence that introduces new native tree canopy to the site

INDEX OF SHEETS

L-0.0 Landscape Cover Page + Sheet Index
L-1.0 Landscape Plan Ground Level
L-1.1 Landscape Plan First Level
L-1.2 Landscape Plan Second Level
L-2.0 Existing Tree Survey + Disposition Plan
L-2.1 Tree Evaluation Report
L-3.0 Existing Tree Chart, Landscape Legend, Plant List, Notes + Details
L-4.0 Plant Material Image Board

CHRISTOPHER CAWLEY
LANDSCAPE ARCHITECTURE LLC
780 NE 69TH STREET
SUITE 1106 MIAMI, FL 33138
O 786.534.5327
C 305.979.1585
CHRISTOPHERCAWLEY.COM
Florida Landscape
Architecture Business LC
26000460

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

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PROJECT INFO:

NEW RESIDENCE

250 S. HIBISCUS DRIVE
MIAMI BEACH FL 33139

SHEET TITLE:

LANDSCAPE COVER + SHEET INDEX

CHRISTOPHER CAWLEY, RLA
Florida License LA 6666786

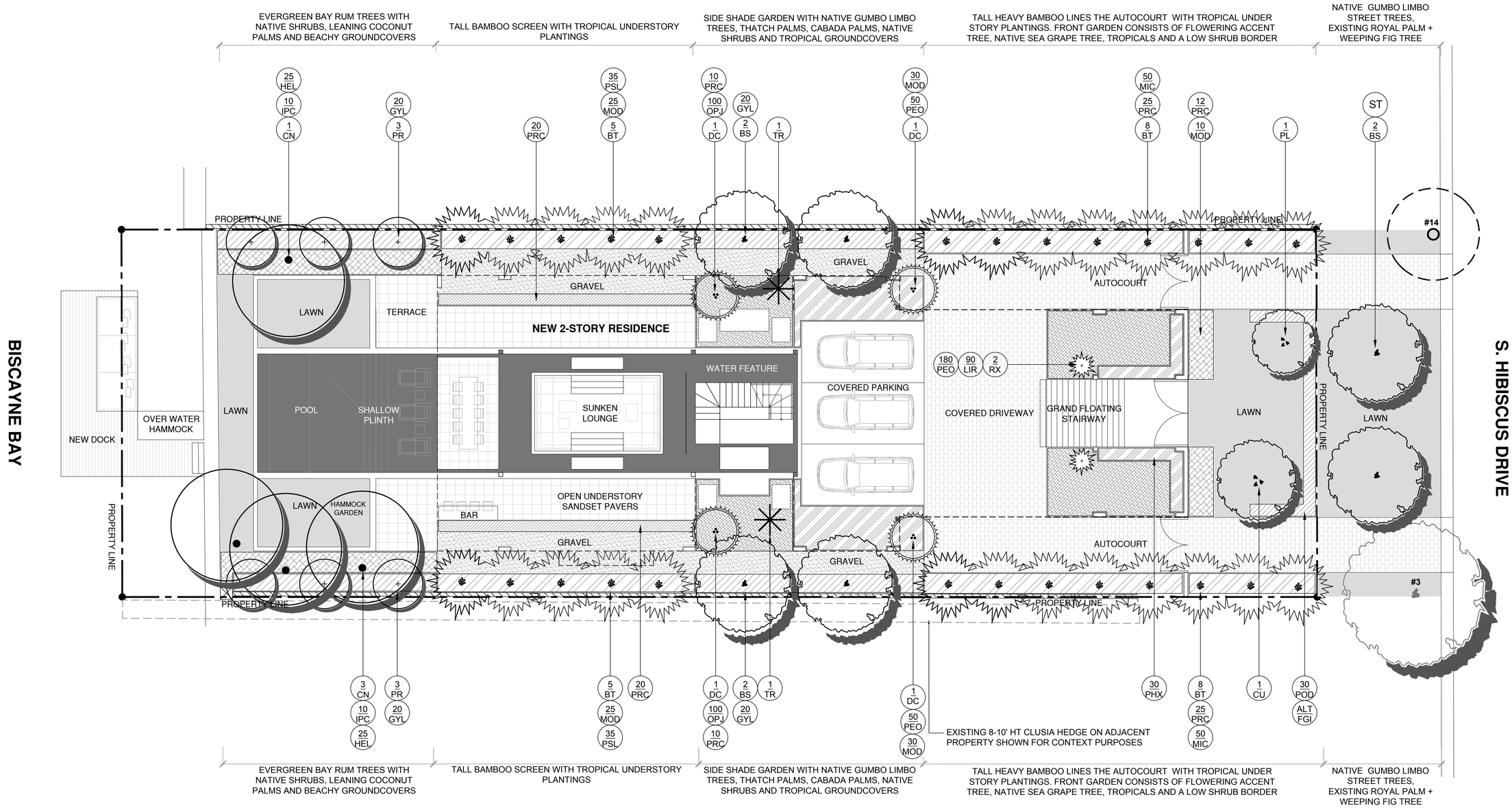
SCALE + NORTH ARROW:

DATE:

SEPTEMBER 9, 2019

SHEET NO:

L-0.0



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PROJECT INFO:

NEW RESIDENCE

250 S. HIBISCUS DRIVE
MIAMI BEACH FL 33139

SHEET TITLE:

LANDSCAPE PLAN GROUND LEVEL

CHRISTOPHER CAWLEY, RLA
Florida License LA 6666788

SCALE + NORTH ARROW:

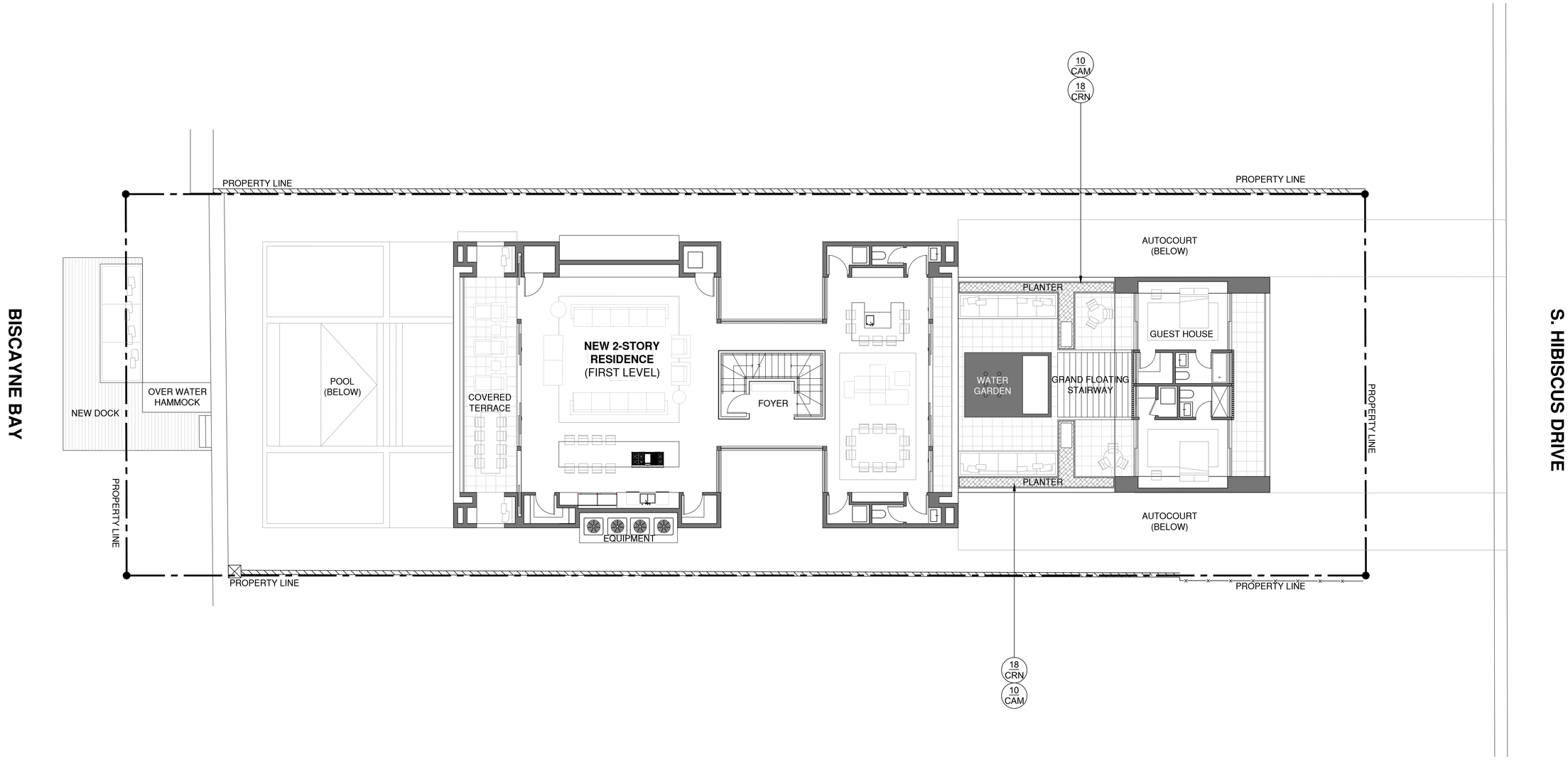
1/8" = 1'-0"
0' 8' 16' 24'

DATE:

SEPTEMBER 9, 2019

SHEET NO:

L-1.0



CC LA

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PROJECT INFO:

NEW RESIDENCE

250 S. HIBISCUS DRIVE
MIAMI BEACH FL 33139

SHEET TITLE:

LANDSCAPE PLAN FIRST LEVEL

CHRISTOPHER CAWLEY, RLA
Florida License LA 6666786

SCALE + NORTH ARROW:

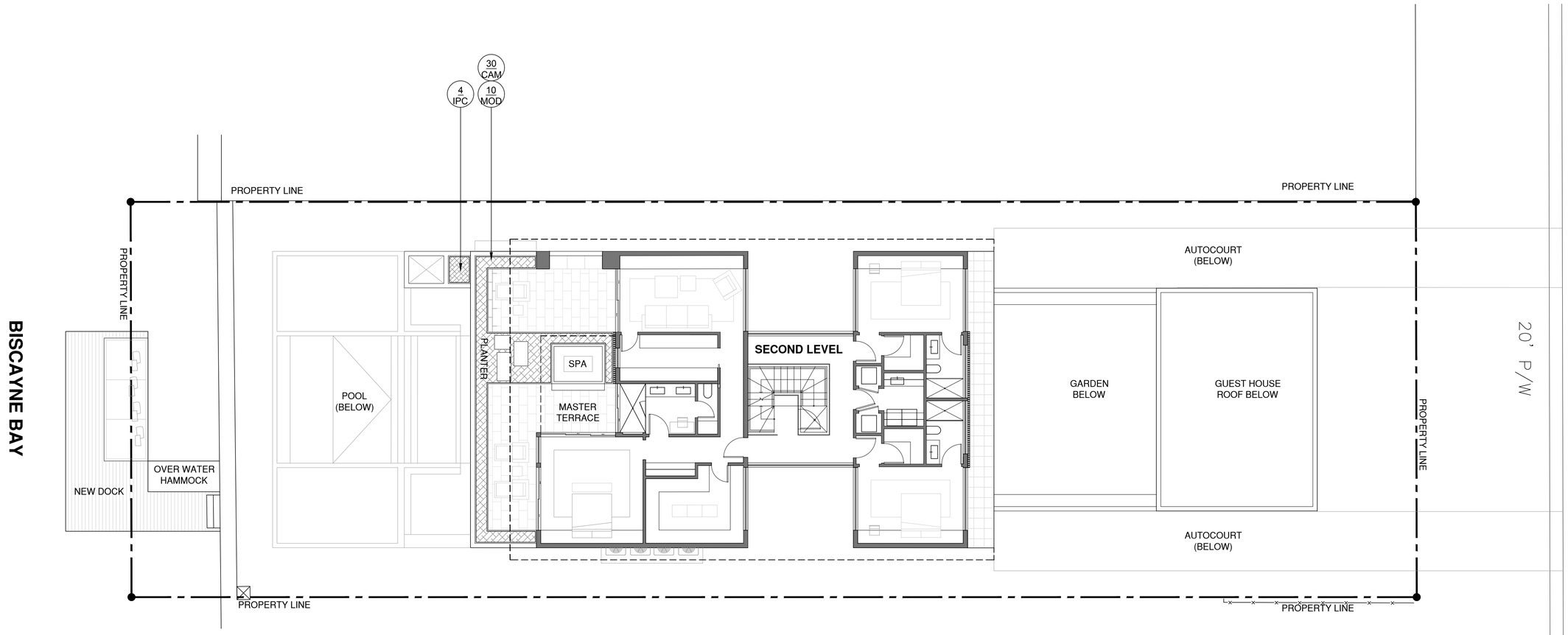
1/8" = 1'-0"
0' 8' 16' 24'
N

DATE:

SEPTEMBER 9, 2019

SHEET NO:

L-1.1



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PROJECT INFO:

NEW RESIDENCE

250 S. HIBISCUS DRIVE
MIAMI BEACH FL 33139

SHEET TITLE:

LANDSCAPE PLAN SECOND LEVEL

CHRISTOPHER CAWLEY, RLA
Florida License LA 6666786

SCALE + NORTH ARROW:

1/8" = 1'-0"
0' 8' 16' 24'

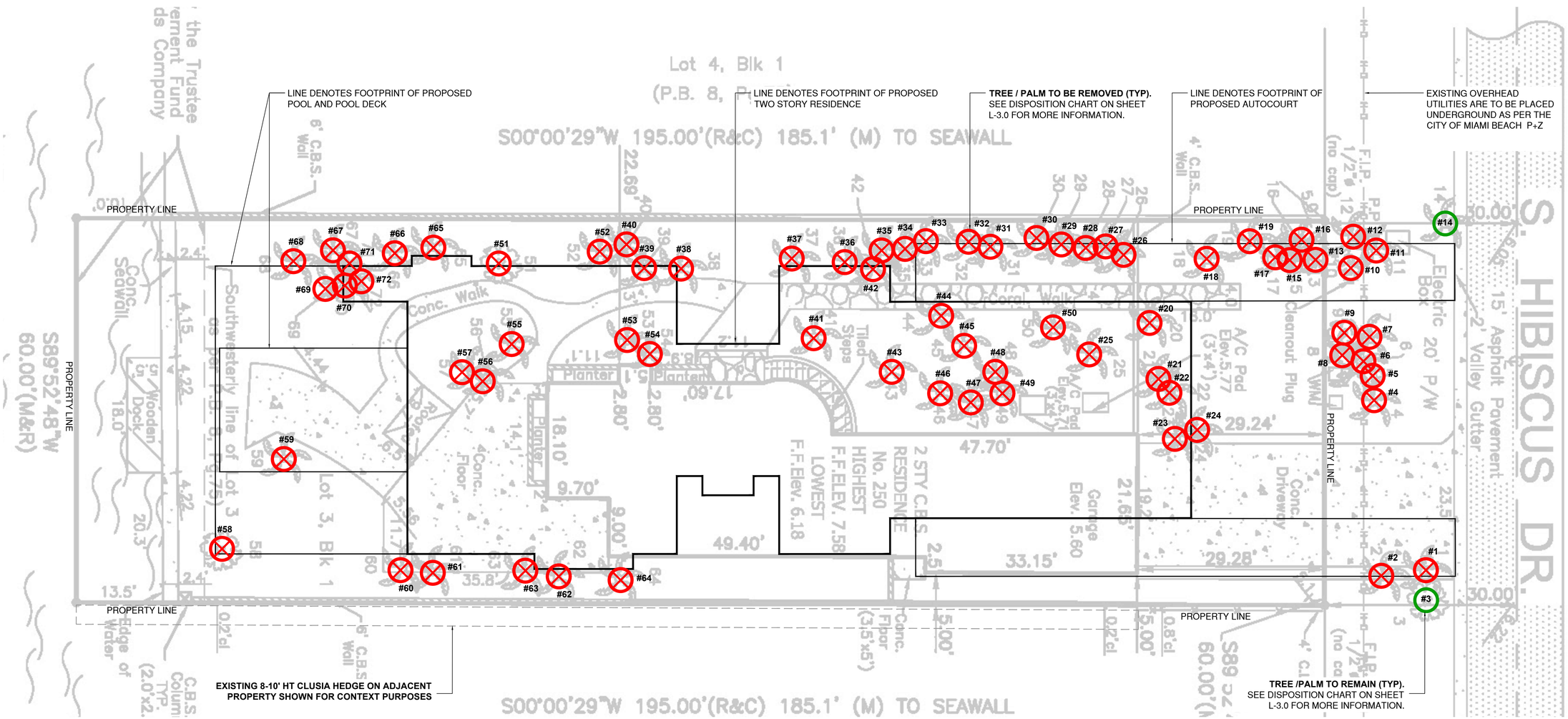
N

DATE:

SEPTEMBER 9, 2019

SHEET NO:

L-1.2



C.M.B. EXISTING TREE SURVEY LEGEND

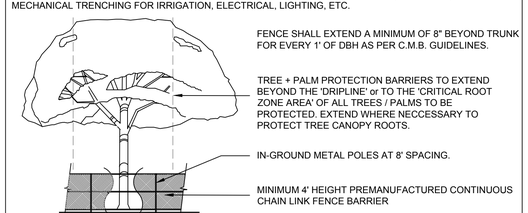
- (⊗) TREE or PALM TO BE REMOVED. SEE CHART L-3.0
- (#) TREE or PALM TO REMAIN. PRESERVE + PROTECT

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 07.02.19**
3. THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 08.09.19.
4. **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.**
5. 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.

TREE / PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES / PALMS THAT ARE 'TO REMAIN, BE PROTECTED, or BE RELOCATED'

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.



PROTECTION DETAIL NOTE
CONTRACTOR TO INSTALL 'TREE / PALM PROTECTION FENCE BARRIERS' AROUND ALL EXISTING TREES OR PALMS AT THE START OF THE PROJECT. BARRIERS TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT AND SHOULD NOT BE REMOVED OR DROPPED FOR ANY REASON WITHOUT AUTHORIZATION FROM THE CITY OF MIAMI BEACH URBAN FORESTER + PLANNING + ZONING DEPARTMENT

C.M.B. TREE / PALM PROTEC. DETAIL (CHAINLINK)

N.T.S.

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PROJECT INFO:

NEW RESIDENCE

250 S. HIBISCUS DRIVE
MIAMI BEACH FL 33139

SHEET TITLE:

EXISTING TREE SURVEY + DISPOSITION PLAN

CHRISTOPHER CAWLEY, RLA
Florida License LA 6666786

SCALE + NORTH ARROW:

1/8" = 1'-0"

DATE:

SEPTEMBER 9, 2019

SHEET NO:

L-2.0

JAMES LEGETTE
Certified Arborist, ISA
Registered Consulting Arborist, ASCA
President, Chief Arborist
Lauderdale Tree Service, Inc.
954-583-1888
www.lauderdaletreeservice.com
4320 S.W. 74th Avenue • Davie, Florida 33314

September 6, 2019

Omar Leon
Environment and Sustainability Dept./
Urban Forestry Division – 1st Floor
1700 Convention Center Drive
Miami Beach, FL 33139

RE: 250 S Hibiscus Drive, Miami Beach
Evaluation of Existing Tree Resources

Dear Mr. Leon:

I have reviewed the Existing Tree Inventory & Disposition Chart prepared by Christopher Cawley, RLA, for the subject property (copy attached). In addition, I visited the site to verify the data included in the above-mentioned tree inventory. Based on my review and inspections, this is to confirm that the data included in the Tree Inventory is accurate.

The subject property includes a dense canopy dominated by small diameter ornamental palm trees, most of which are not regulated under the City's Tree Protection Code. Larger diameter royal palms and date palms are interspersed among the smaller diameter palms. The site also includes a specimen sized weeping fig, umbrella tree, date palm and royal palm. According to the proposed development plan and tree disposition plan, the weeping fig (Tree No. 3) and one royal palm (Tree No. 14) are to remain and will be protected during demolition and new construction.

Because the site will be filled and elevated to meet the City's new finished floor and seawall requirements, it is not feasible to retain in place or relocate any of the remaining trees. In addition, none of the remaining trees on site are worthy of relocation because of their size, condition, and type, and can be easily replaced through mitigation plan offered via the proposed landscape plan.

Based on the above, I believe the proposed development and associated tree removals, tree protection measures, and canopy replacement being offered adequately address the tree removals associated with the project.

Should you have any questions regarding the above, please feel free to contact me.

Respectfully submitted,

James (Jimi) LeGette
Certified Arborist, ISA #SO-0502
Registered Consulting Arborist, ASCA #617

cc: Chris Cawley
Todd Glaser

CC LA
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PROJECT INFO:

NEW RESIDENCE

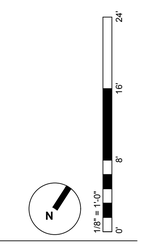
250 S. HIBISCUS DRIVE
MIAMI BEACH FL 33139

SHEET TITLE:

TREE EVALUATION REPORT

CHRISTOPHER CAWLEY, RLA
Florida License LA 6666786

SCALE + NORTH ARROW:



DATE:

SEPTEMBER 9, 2019

SHEET NO:

L-2.1

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.

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. ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" WITH A SMALL GRAY GRANITE AGGREGATE FREE FROM WEEDS AND PESTS. NO 'CYPRESS MULCH' OR 'RED DYED MULCH' TO BE ACCEPTED. KEEP MULCH 3" AWAY FROM TREE OR PALM TRUNKS AS PER INDUSTRY RECOMMENDATIONS.

7. SOD SHALL BE 'EMPIRE TURF' ZOYSIA GRASS IN ALL LAWN AREAS AS SHOWN ON THE PLANS. SOD SHALL BE STRONGLY ROOTED, FREE FROM WEED, FUNGUS, INSECTS AND DISEASE. CONTRACTOR SHALL SOD ALL AREAS AS INDICATED ON THE PLANS OR AS DIRECTED. PAYMENT SHALL BE DETERMINED BY THE TOTAL MEASURED SODDED AREAS X THE UNIT PRICE SUBMITTED AND FIELD VERIFIED. SOD SHALL CARRY A 5-MONTH WARRANTY.

8. ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE-YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.

9. 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.

C.M.B. EXISTING TREE INVENTORY + DISPOSITION CHART - 250 S. HIBISCUS DRIVE

NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	D.B.H. (IN)	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	CANOPY AREA	CANOPY LOSS / MIT. REQ. (SF)	COMMENTS
#1-2	Christmas Palm	Adonidia merrillii	NO	+/- 5"	+/- 12'	+/- 6'	FAIR	REMOVE	112 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#3	Weeping Fig	Ficus benjamina		+/- 30"	+/- 25'	+/- 25'		REMAIN	491 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#4-8	Alexander Palms	Ptychosperma elegans	NO	+/- 5"	+/- 15'	+/- 5'	FAIR	REMOVE	100 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#9	Japanese Fern Tree	Filicium decipiens	YES	+/- 20"	+/- 20'	+/- 20'	FAIR	REMOVE	314 SF	314 x 2 = 628 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#10	Japanese Fern Tree	Filicium decipiens	YES	+/- 20"	+/- 20'	+/- 20'	FAIR	REMOVE	314 SF	314 x 2 = 628 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#11-13	Alexander Palms	Ptychosperma elegans	NO	+/- 3"	+/- 15'	+/- 5'	FAIR	REMOVE	60 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#14	Royal Palm	Roystonea regia	NO	+/- 12"	+/- 12'	+/- 8'	FAIR	REMAIN	50 SF	0 SF	PRESERVE + PROTECT DURING CONSTRUCTION
#15	Almond Tree	Prunus dulcis	NO	+/- 5"	+/- 25'	+/- 15'	FAIR	REMOVE	177 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#16	Royal Palm	Roystonea regia	YES	+/- 18"	+/- 15'	+/- 15'	FAIR	REMOVE	177 SF	177 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#17-18	Alexander Palms (5)	Ptychosperma elegans	NO	+/- 2"	+/- 25'	+/- 5'	FAIR	REMOVE	100 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#19	Christmas Palm	Adonidia merrillii	NO	+/- 2"	+/- 5'	+/- 5'	FAIR	REMOVE	20 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#20-21	Senegal Date Palm	Phoenix reclinata	NO	+/- 15"	+/- 22'	+/- 5'	FAIR	REMOVE	100 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#22	Fan Palm	Chamaerops humilis	NO	+/- 3"	+/- 12'	+/- 6'	FAIR	REMOVE	28 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#23	Christmas Palm	Adonidia merrillii	NO	+/- 5"	+/- 15'	+/- 8'	FAIR	REMOVE	50 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#25-38	Macarthur Palm	Ptychosperma macarthurii	NO	+/- 3"	+/- 12'	+/- 6'	FAIR	REMOVE	392 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#39-40	Alexander Palms	Ptychosperma elegans	NO	+/- 3"	+/- 25'	+/- 8'	FAIR	REMOVE	100 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#41	Alexander Palm	Ptychosperma elegans	NO	+/- 3"	+/- 22'	+/- 5'	FAIR	REMOVE	20 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#42	Macarthur Palm	Ptychosperma macarthurii	NO	+/- 5"	+/- 25'	+/- 6'	FAIR	REMOVE	28 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#43	Alexander Palm	Ptychosperma elegans	NO	+/- 3"	+/- 25'	+/- 5'	FAIR	REMOVE	20 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#44	Alexander Palms (4)	Ptychosperma elegans	NO	+/- 3"	+/- 25'	+/- 5'	FAIR	REMOVE	80 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#45	Christmas Palms (6)	Adonidia merrillii	NO	+/- 3"	+/- 15'	+/- 5'	FAIR	REMOVE	120 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#46-47	Alexander Palms (5)	Ptychosperma elegans	NO	+/- 3"	+/- 25'	+/- 5'	FAIR	REMOVE	100 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#48	Christmas Palms (2)	Adonidia merrillii	NO	+/- 3"	+/- 25'	+/- 5'	FAIR	REMOVE	40 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#49	Fishtail Palm	Caryota mitis	NO	+/- 3"	+/- 25'	+/- 5'	FAIR	REMOVE	20 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#50	Alexander Palm	Ptychosperma elegans	NO	+/- 3"	+/- 25'	+/- 5'	FAIR	REMOVE	20 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#51	Umbrella Tree	Schefflera actinophylla	NO	+/- 24"	+/- 30'	+/- 20'	FAIR	REMOVE	314 SF	314 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#52	Fishtail Palm	Caryota mitis	NO	+/- 4"	+/- 12'	+/- 6'	FAIR	REMOVE	28 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#53-54	Macarthur Palm (3)	Ptychosperma macarthurii	NO	+/- 7"	+/- 25'	+/- 5'	FAIR	REMOVE	60 SF	60 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#55	Royal Palm	Roystonea regia	YES	+/- 24"	+/- 50'	+/- 15'	FAIR	REMOVE	177 SF	177 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#56	Pygmy Date Palm	Phoenix roebellini	NO	+/- 18"	+/- 6'	+/- 6'	FAIR	REMOVE	28 SF	28 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#57	Macarthur Palm	Ptychosperma macarthurii	NO	+/- 4"	+/- 8'	+/- 4'	FAIR	REMOVE	12 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#58	Sea Grape Tree	Coccoloba uvifera	YES	+/- 30"	+/- 12'	+/- 15'	FAIR	REMOVE	177 SF	177 x 2 = 354 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#59	Alexander Palm	Ptychosperma elegans	NO	+/- 4"	+/- 15'	+/- 6'	FAIR	REMOVE	28 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#60-61	Areca Palms	Dypsis lutescens	NO	+/- 3"	+/- 12'	+/- 5'	FAIR	REMOVE	40 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#62-63	Travelers Palm	Ravenala madagascariensis	NO	+/- 12"	+/- 18'	+/- 10'	FAIR	REMOVE	157 SF	157 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#64-67	Christmas Palms	Adonidia merrillii	NO	+/- 3"	+/- 12'	+/- 6'	FAIR	REMOVE	112 SF	0 SF	IN CONFLICT WITH SITE DESIGN. NO MITIGATION REQ.
#68-72	Chinese Fan Palms	Livistona chinensis	NO	+/- 12"	+/- 10'	+/- 6'	FAIR	REMOVE	140 SF	140 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED

TOTAL MITIGATION REQUIRED : 2,663 SF
TOTAL MITIGATION PROVIDED : 3,650 SF

LANDSCAPE LEGEND

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

ZONING: RS-3 **LOT SIZE:** 10,500 SF **ACRES:** .24

TREES
FRONT YARD - 2 TREES REQUIRED / 2 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.

10,500 SF = **9.5 TOTAL TREES REQUIRED / 12 TREES PROVIDED.**
(4 NATIVE GUMBO LIMBO TREES + 1 NATIVE SEAGRAPE TREE + 6 BAY RUM TREES + 1 FRANGIPANI TREE PROVIDED)

DIVERSITY REQUIREMENT
6-10 REQUIRED TREES = 3 TREE SPECIES / 3 SPECIES PROVIDED

NATIVE TREES
30% OF REQUIRED TREES OR .30 X 9.5 = **3 NATIVE TREES REQUIRED / 5 NATIVE TREES PROVIDED**
(4 NATIVE GUMBO LIMBO TREES + 1 NATIVE SEAGRAPE TREE PROVIDED)

LOW MAINTENANCE TREES
50% OF REQUIRED TREES OR .50 X 9.5 = **5 LOW MAINTENANCE TREES REQUIRED / 5 LOW MAINTENANCE TREES PROVIDED**
(4 NATIVE GUMBO LIMBO TREES + 1 NATIVE SEAGRAPE TREE PROVIDED)

STREET TREE REQUIREMENT
AVERAGE STREET TREE SPACING 20' ON CENTER
S. HIBISCUS DRIVE: 60 LF / 20 = 3 STREET TREES REQUIRED / 3 ***STREET TREES PROVIDED***
(2 NEW NATIVE GUMBO LIMBO TREES + 1 EXISTING WEEPING FIG TREE)

SHRUBS
12 SHRUBS (OR VINES) REQUIRED FOR EACH REQUIRED LOT AND STREET TREE or 12 x (12.5) = **150 SHRUBS REQUIRED / 216 SHRUBS PROVIDED** (80 NATIVE CRABWOOD SHRUBS + 70 NATIVE BAHAMA COFFEE SHRUBS + 30 DWARF PODOCARPUS SHRUBS + 36 CLUSIA NANA SHRUBS PROVIDED)

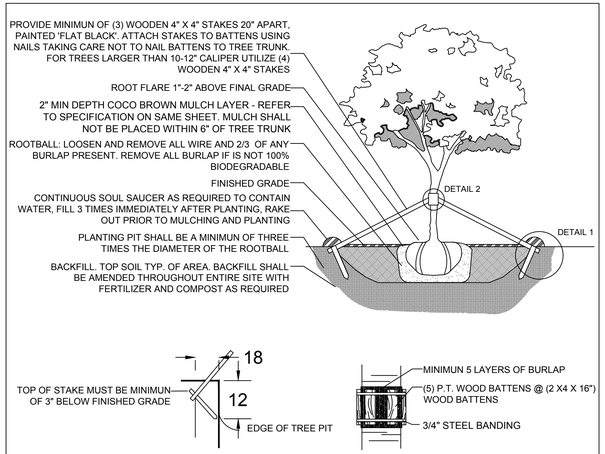
NATIVE SHRUBS
50% OF TOTAL SHRUBS REQUIRED MUST BE NATIVE or .50 X 150 = **75 NATIVE SHRUBS REQUIRED / 150 NATIVE SHRUBS PROVIDED**
(80 NATIVE CRABWOOD SHRUBS + 70 NATIVE BAHAMA COFFEE SHRUBS PROVIDED)

LARGE SHRUBS / SMALL TREES
10% OF TOTAL SHRUBS REQUIRED MUST BE LARGE SHRUBS OR SMALL TREES or .10 X 150 = **15 LARGE SHRUBS REQUIRED / 80 LARGE SHRUBS PROVIDED** (80 NATIVE CRABWOOD SHRUBS PROVIDED)

NATIVE LARGE SHRUBS / SMALL TREES
50% OF TOTAL LARGE SHRUBS REQUIRED MUST BE NATIVE or .50 X 15 = **7.5 NATIVE LARGE SHRUBS REQUIRED / 80 NATIVE LARGE SHRUBS PROVIDED** (80 CRABWOOD SHRUBS PROVIDED)

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

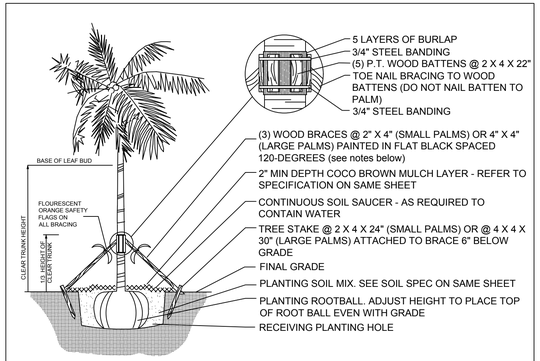
IRRIGATION SYSTEM
100% COVERAGE PROVIDED PURSUANT TO CMB REQUIREMENTS SET IN CHAPTER 126



STAKING DETAIL. DETAIL 1 **BRACING DETAIL.** DETAIL 2

C.M.B. LARGE TREE PLANTING DETAIL

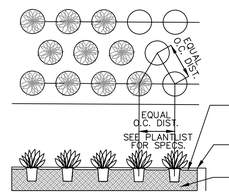
N.T.S.



NOTES:
1. PALMS OVER 30' GW HEIGHT, USE MINIMUM (4) 4" X 4" BRACING AND STAKES
2. PRIMARY STAKES SHOULD BE PLACED PARALLEL TO WALKWAYS WHENEVER POSSIBLE
3. RECEIVING PLANTING HOLE SHALL BE APPROXIMATELY 1/3 LARGER THAN ROOTBALL
4. BUD SHALL BE PERPENDICULAR TO THE GROUND PLANE
5. NO SCARRED OR BLACKENED TRUNKS
6. AMENDED SOIL MIX TO BE ADDED AT THE TIME OF PLANTING NEEDED, SHALL CONSIST OF ATLAS PEAT + SOIL MIX 7036 (COARSE SAND, CANADIAN PEAT, CYPRESS DUST + PERLITE MIX)

C.M.B. PALM 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 PLANTING TABS OR APPROVED EQUAL

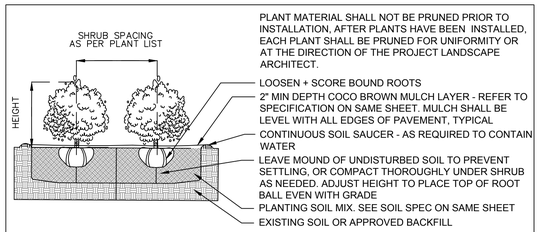
2" MIN DEPTH COCO BROWN MULCH LAYER - REFER TO SPECIFICATION ON SAME SHEET. MULCH SHALL BE LEVEL WITH ALL EDGES OF PAVEMENT, TYPICAL

MULCH SHALL BE LEVEL WITH ALL EDGES OF PAVEMENT TYPICAL

PLANTING SOIL MIX. SEE SOIL SPEC ON SAME SHEET

GROUNDCOVER PLANTING DETAIL

N.T.S.



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.

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 CONTAIN WATER

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.

C.M.B. CANOPY MITIGATION SUMMARY

THE CANOPY MITIGATION OF 2,663 SF AS REQUIRED BY THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION and PROTECTION ORDINANCE HAS BEEN MET AND EXCEEDED . A TOTAL 3,650 SF OF CANOPY HAS BEEN PROVIDED.

CANOPY MITIGATION SUMMARY
- (6) NATIVE GUMBO LIMBO TREES: 1,800 SF (MB category I @ 300 SF each)
- (4) NATIVE BAY RUM TREES: 1,200 SF (MB category I @ 300 SF each)
- (1) NATIVE SEAGRAPE TREE: 300 SF (MB category I @ 300 SF each)
- (1) PLUMERIA TREE: 150 SF (MB category II @ 150 SF each)
- (4) COCONUT PALMS: 200 SF (MB category IV @ 50 SF each)

PLANT LIST - 250 S. HIBISCUS DRIVE

KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
BS	6	YES	GUMBO LIMBO TREE	Bursera simarubra	14' height min, 8' spread min, 4" dbh min, equal to Treeworld Wholesale
CU	1	YES	SEA GRAPE TREE	Coccoloba uvifera	12' height min, 6' spread min, multi tree form, equal to Treeworld
PL	1	NO	FRANGIPANI TREE	Plumeria rubra	10' height min, 6' spread min, 2.5" dbh min, equal to Treeworld
PR	6	NO	BAY RUM TREE	Pimenta racemosa	12' height min, 6' spread min, 2.5" dbh min, standard, equal to Treeworld
PALMS + BAMBOO					
BT	26	NO	GRACEFUL BAMBOO	Bambusa textilis 'Gracilis'	Field grown, 15' ht min, full
CN	4	NO	'GR. MALAYAN' COCONUT PALM	Cocos nucifera 'Green Malayan'	Full heads, Florida Fancy, 10' gw min.
DC	4	NO	CABADA PALM	Dypsis cabadae	10' ht min, dark green trunks + fronds
RX	2	NO	LADY PALM	Rhapis excelsa	3' overall height min x 3' spread min, full
TR	2	YES	THATCH PALM	Thrinax radiata	3' clear trunk min, boots on, full heads
SHRUBS					
CRN	36	NO	CLUSIA ROSEA 'NANA'	Same	3 gallon, full, space 18" on center
FGI	ALT	NO	FICUS GREEN ISLAND	Ficus macrocarpa 'Green Island'	7 gallon, full, space 18" on center
GYL	80	YES	CRABWOOD	Gymnanthes lucida	4' ht min, full, space 24" on center
POD	30	NO	DWARF PODOCARPUS	Podocarpus mac. 'Pringles'	24" ht min, full, space 18" on center
PSL	70	YES	DWARF BAHAMA COFFEE	Psychotria ligustrifolia	3 gallon, full, space 18" on center
TROPICALS, GROUNDCOVERS, + ACCENTS					
HEL	as req.	YES	BEACH DUNE SUNFLOWER	Helianthus debilis	1 gallon, full, 18" on center
IPC	as req.	YES	RAILROAD VINE	Ipomoea pes-caprae	1 gallon, full, 18" on center
MIC	as req.	NO	WART FERN	Microsorum scolopendrium	3 gallon, full, 18" on center
MOD	as req.	NO	SWISS CHEESE PLANT	Monstera deliciosa	7 gallon, full 36" on center
OPJ	as req.	NO	MONDO GRASS	Ophiopogon japonicus	1 gallon, full, 12" on center
PEO	as req.	YES	BABY RUBBER PLANT	Peperomia obtusifolia	1 gallon, full, 18" on center, full
PRC	as req.	NO	PHILODENDRON 'ROJO CONGO'	Same	3 gallon, full 24" on center
SOD, AGGREGATE & MULCH					
DGA	3/8" DECOMPOSED GRANITE AGGREGATE OR STONE TO BE SELECTED, INSTALLED OVER FILTER FABRIC AND WEED BARRIER MATERIAL / OLIMAR, 2" MIN. DEPTH				
MLC	DARK BROWN 'FLORI MULCH' SHREDDED ORGANIC MULCH (NO CYPRESS), TO BE DETERMINED				
PRR	1"-2" MIX OF POLISHED RIVER ROCK, COLOR TO BE SELECTED + APPROVED, 3" MIN. DEPTH, INSTALL OVER FILTER FABRIC				
SOD	'EMPIRE TURF' ZOYSIA GRASS - OVER 2" TOPSOIL BED, SEE PLANTING SPECS				

CCLA

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Florida Landscape Architecture Business LC 26000460

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

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PROJECT INFO:

NEW RESIDENCE
250 S. HIBISCUS DRIVE
MIAMI BEACH FL 33139

SHEET TITLE:

EXISTING TREE CHART, LANDSCAPE LEGEND, PLANT LIST, NOTES + DETAILS

CHRISTOPHER CAWLEY, RLA
Florida License LA 6666786

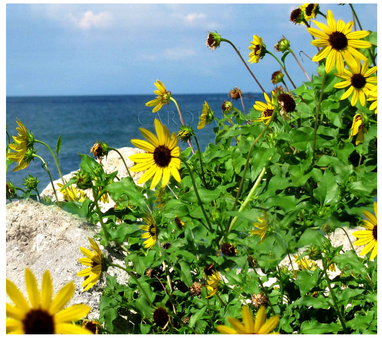
SCALE + NORTH ARROW:

DATE:

SEPTEMBER 9, 2019

SHEET NO:

L-3.0



HEL / DUNE SUNFLOWER

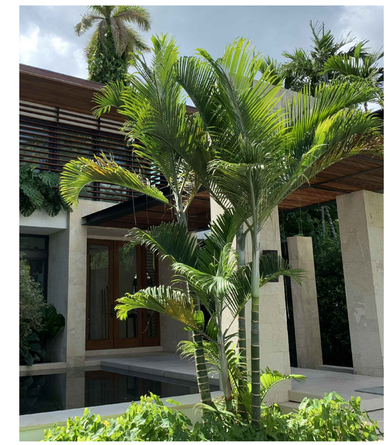
POD / PODOCARPUS

BT / GRACEFUL BAMBOO

IPC / RAILROAD VINE

MIC / WART FERN

PL / FRANGIPANI TREE FLOWER DETAIL

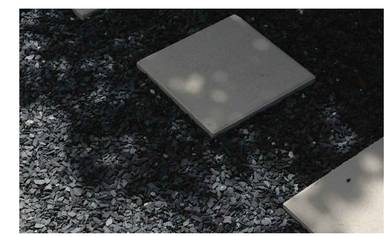


DC / CABADA PALM

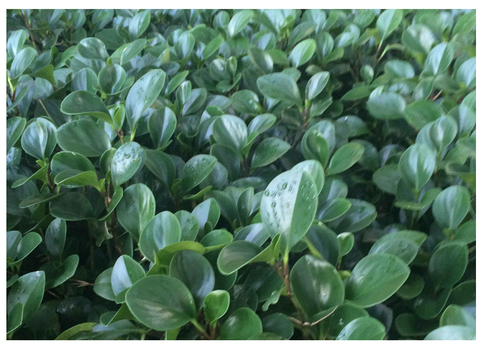
BS / GUMBO LIMBO TREE

OPJ / MONDO GRASS

PRC / PHILODENDRON 'ROJO CONGO'



DGA / DECOMPOSED GREY GRAVEL AGGREGATE



PEO / BABY RUBBER PLANT

MOD / MONSTERA

CU / SEAGRAPE TREE LEAF DETAIL

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MIAMI BEACH FL 33139

SHEET TITLE:

PLANT MATERIAL IMAGE BOARD

CHRISTOPHER CAWLEY, RLA
Florida License LA 6666786

SCALE + NORTH ARROW:

DATE:

SEPTEMBER 9, 2019

SHEET NO:

L-4.0