



FINAL DRB SUBMITTAL 03.07.22
NEW RESIDENCE | 39 + 41 LA GORCE | MIAMI BEACH, FLORIDA

CLIENT / PROPERTY INFORMATION

SCHINMAN RESIDENCE
39 + 41 LA GORCE CIRCLE
MIAMI BEACH, FL 33140

SCOPE OF WORK

- Preservation of existing royal palms and date palms in row
- Arborist assessment and disposition of all existing trees and palms
- New landscape design to complement new contemporary Residence

INDEX OF SHEETS

- L0.0 Landscape Cover Page + Sheet Index
L1.0 Existing Tree Disposition Plan
L1.1 Arborist Assessment + Disposition Chart
L1.2 Arborist Assessment + Disposition Chart
L2.0 Rendered Landscape Plan
L2.1 Landscape Plan
L3.0 Tennis Court Detail and Elevation
L3.1 Landscape Legend + Plant List
L3.2 Landscape Notes + Details
L4.0 Plant Material Images

CHRISTOPHER
CAWLEY
LANDSCAPE
ARCHITECTURE
780 NE 69th Street, Suite 200 Miami, Florida 33138
P 786.536.2961 F 305.573.1818
CHRISTOPHERCAWLEY.COM | LC 20000480

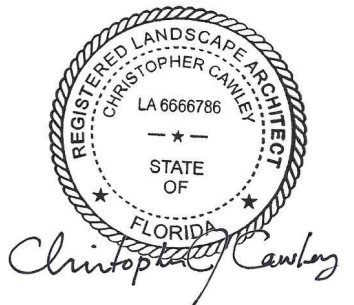
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Zoning

DRB-21-0660 FINAL SUBMITTAL

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CHRISTOPHER CAWLEY, RLA
Florida License LA 6660786

Owner:
Name OWNER
Address OWNER_ADDRESS1
Address OWNER_ADDRESS2
Tel: OWNER_PHONE
Email OWNER_EMAIL

Landscape Architect:
Name Christopher Cawley Landscape Architecture
Address 780 NE 69th Street
Address Suite #200
Tel: Tel: (786) 536-2961
Email Email: chris@christophercawley.com

Consultant:
Name
Address
Address
Tel:
Email

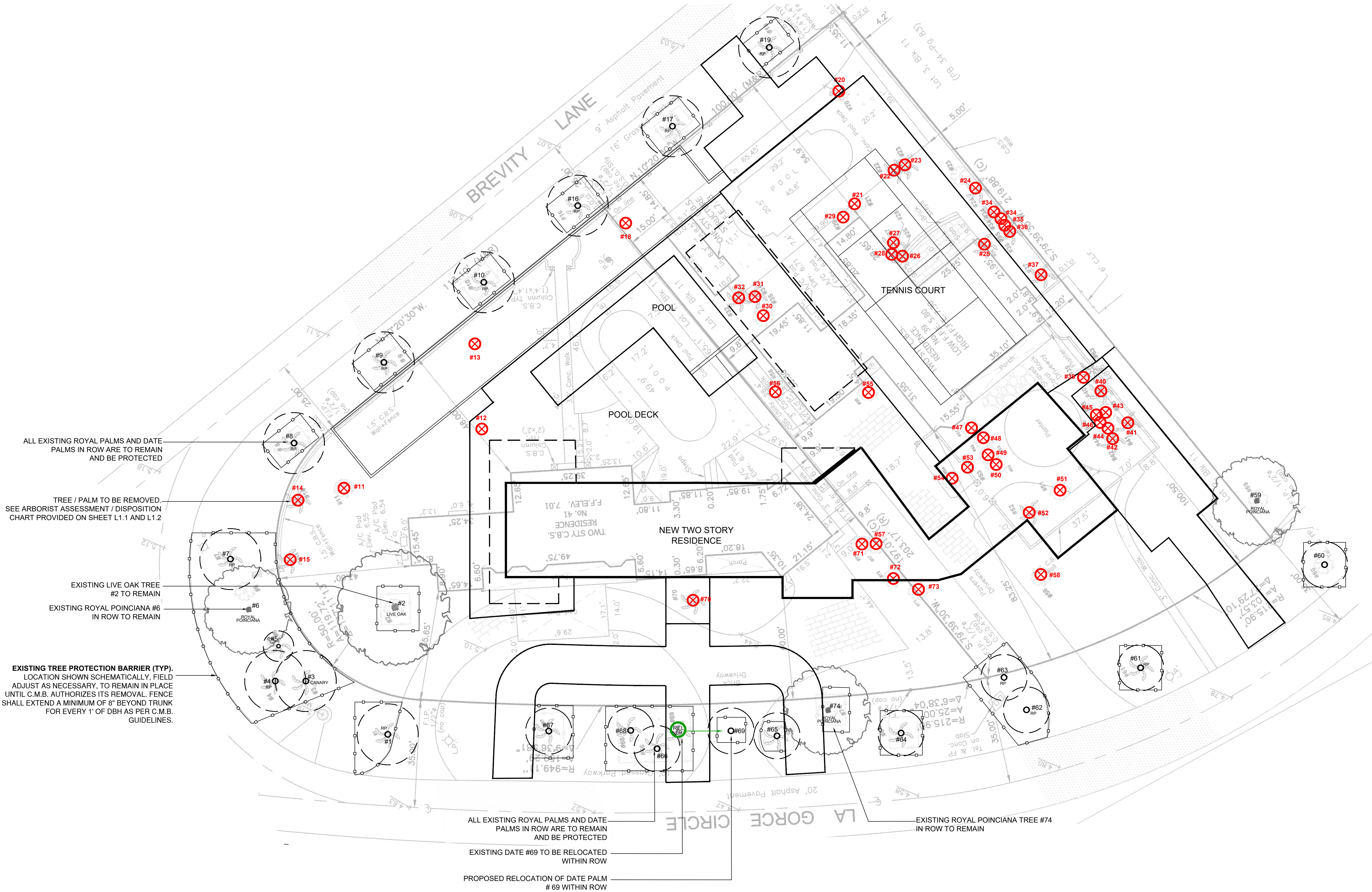
Consultant:
Name
Address
Address
Tel:
Email

Architect of Record:
Kobi Karp Architecture and Interior Design, Inc.
571 NW 28th Street,
Miami, Florida 33127 USA
Tel: +1(305) 573 1818
Fax: +1(305) 573 3766

KOBİ KARP
Lic. # AR0012578



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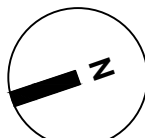
C.M.B. EXISTING TREE SURVEY LEGEND

- TREE or PALM TO BE REMOVED. SEE CHART L1.1 + L1.2
- PALM TO REMAIN. PRESERVE + PROTECT
- TREE TO REMAIN. PRESERVE + PROTECT
- TREE or PALM TO BE RELOCATED
- RELOCATED TREE or PALM
- TREE or PALM PROTECTION FENCE

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

- 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.
- EXISTING TREE, PALM, AND VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY AMERICAN SERVICE OF MIAMI CORP DATED 02.16.22
- ARBORIST ASSESSMENT CHART HAS BEEN PROVIDED BY JOHN HARRIS OF EARTH ADVISORS. SEE SHEETS L1.1 AND L1.2 FOR MORE INFORMATION. FULL REPORT WILL BE PROVIDED AT TIME OF PERMITTING

EXISTING TREE SURVEY + DISPOSITION PLAN



CHRISTOPHER
CAWLEY
LANDSCAPE
ARCHITECTURE

780 NE 69th Street, Suite 200 Miami, Florida 33138
Tel: (786) 536-2961 | (305) 573-1818
CHRISTOPHERCAWLEY.COM | LC 28000480

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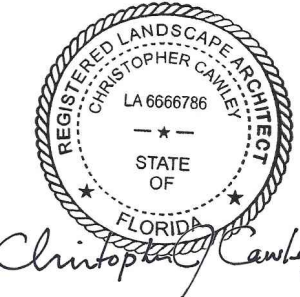
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Florida License LA 6666786

Owner:
Name OWNER
Address OWNER_ADDRESS1
Address2 OWNER_ADDRESS2
Tel: OWNER_PHONE
Email OWNER_EMAIL

Landscape Architect:
Name Christopher Calvey Landscape Architecture
Address 780 NE 69th Street
Address Suite #200
Tel: Tel: (786) 536-2961
Email Email: chris@christophercawley.com

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,
Miami, Florida 33127 USA
Tel: +1(305) 573 1818
Fax: +1(305) 573 3766

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L1.0

ARBORIST ASSESSMENT + TREE DISPOSITION CHART

PROVIDED CERTIFIED ARBORIST
JOHN HARRIS OF EARTH ADVISORS INC.

Earth Advisors, Inc. Tree Disposition Worksheet															MITIGATION	
Client: Christopher Cawley Landscape Architecture, 780 NE 69 St, Ste 200, Miami, FL																
Site/Property: 39 & 41 La Gorce Circle, Miami Beach, FL																
Date: April 9, 2021, revised 04/1/21																
Item #	Address	Street	Name	Scientific Name	Trunk Qty	Height	db h (inches)	DBH (feet)	TPZ (R/S/RD-FO)	Canopy Area	Canopy %	MIC 1	Observations	Comments	Disposition	
1	41	La Gorce Circle	Royal Palm Florida	Roystonea elata	1	65	18	15	10	314	70		Roots above soil surface (exposed). Trunk damage- Wound or cut >4" area.	Fair condition	REMAIN	
2	41	La Gorce Circle	Oak Live	Quercus virginiana	1	35	26	21	37.5	441.8	70		Included bark in branch junctures. Roots above soil surface (exposed).	Fair condition	REMAIN	
3	41	La Gorce Circle	Date Palm, Canary Isle	Phoenix canariensis	1	30	13	10	12	452	40	X2 Recommended Removal	Dieback or decline overall. Insect damage. Nutrient deficiency. Roots above soil surface (exposed). Trunk damage- Wound or cut >4" area.	Poor health, cavities in trunk	REMOVE	1 REPLACEMENT TREE
4	41	La Gorce Circle	Royal Palm Florida	Roystonea elata	1	60	19	15	10	314			Insect damage, Leaning trunk. Roots above soil surface (exposed).	Fair condition	REMAIN	
5	41	La Gorce Circle	Date Palm, Canary Isle	Phoenix canariensis	1	9	11	9	8	201	55		Dieback or decline overall. Insect damage. Roots above soil surface (exposed). Trunk damage- Wound or cut >4" area.	Poor condition, trunk cavity	REMAIN	
6	41	La Gorce Circle	Royal Poinciana	Delonix regia	2	40	28	23	35	384.8	55		Included bark in branch junctures. Leaning trunk. Nutrient deficiency. Roots above soil surface (exposed). Stub cut branches- few.	Poor condition, deep leaf an- junctures in lower trunk	REMAIN	
7	41	La Gorce Circle	Royal Palm Florida	Roystonea elata	1	50	18	14	10	314	85		Insect damage. Roots above soil surface (exposed). Trunk damage- Wound or cut >4" area.	Fair condition	REMAIN	
8	41	La Gorce Circle	Royal Palm Florida	Roystonea elata	1	55	19	15	10	314	85		Insect damage. Roots above soil surface (exposed). Trunk damage- Wound or cut >4" area.	Fair condition	REMAIN	
9	41	La Gorce Circle	Royal Palm Florida	Roystonea elata	1	55	17	14	10	314	80		Insect damage. Roots above soil surface (exposed). Trunk damage- Wound or cut >4" area.	Fair condition	REMAIN	
10	41	La Gorce Circle	Royal Palm Florida	Roystonea elata	1	60	16	13	10	314	50		Insect damage. Roots above soil surface (exposed). Trunk damage- Wound or cut >4" area.	Poor condition, trunk damage at 9'- 45'	REMAIN	
11	41	La Gorce Circle	Mango	Mangifera indica	1	25	9	7	10	314	85		Leaning trunk. Roots above soil surface (exposed). Stub cut branches- few.	Fair condition	REMOVE	9"
12	41	La Gorce Circle	Mango	Mangifera indica	1	18	10	8	15	207	85		Roots above soil surface (exposed). Stub cut branches- few.	Fair condition	REMOVE	10"
13	41	La Gorce Circle	Avocado	Persea americana	1	35	18	14	12.5	491	25	X1 Danger Removal	Dieback or decline overall. Disease in plant, damaged. Hatracked. Leaning trunk. Stakes or supports on trunk. Trunk damage- Wound or cut >4" area.	Very poor, partly uprooted, leaning on support	REMOVE	18"
14	41	La Gorce Circle	Christmas Palm	Adoridia merrillii	1	8	4	3	8	201	80		Roots above soil surface (exposed).	Not protected size	REMOVE	SMALL PALM NO MITIGATION REQ.
15	41	La Gorce Circle	Christmas Palm	Adoridia merrillii	1	11	5	4	8	201	80		Roots above soil surface (exposed).	Not protected size	REMOVE	SMALL PALM NO MITIGATION REQ.
16	39	La Gorce Circle	Royal Palm Florida	Roystonea elata	1	55	17	14	10	314	85		Insect damage. Roots above soil surface (exposed). Trunk damage- Wound or cut >4" area.	Fair condition	REMAIN	
17	39	La Gorce Circle	Royal Palm Florida	Roystonea elata	1	55	17	14	10	314	85		Insect damage. Roots above soil surface (exposed). Trunk damage- Wound or cut >4" area.	Fair condition	REMAIN	
18	39	La Gorce Circle	Ficus, Little Leaf	Ficus microcarpa	40 app.	30	5	4	4	50	40	X2 Recommended Removal	Dieback or decline overall. Disease in plant, damaged. Nutrient deficiency.	Not protected, overgrown hedge, poor condition	REMOVE	5"
19	39	La Gorce Circle	Royal Palm Florida	Roystonea elata	1	60	15	12	10	314	85		Insect damage. Roots above soil surface (exposed). Trunk damage- Wound or cut >4" area.	Fair condition	REMAIN	
20	39	La Gorce Circle	Bishopwood	Bischofia javanica	2	40	26	21	22.5	159.0	75	X2 Recommended Removal	Roots above soil surface (exposed). Stub cut branches- few.	Fair condition, poor trunk structure, nuisance species	REMOVE	26"
21	39	La Gorce Circle	Solitaire Palm	Physaliparm a elegans	Clump	8	3	2	5	79	50		Dieback or decline overall.	Not protected size, poor condition	REMOVE	1 REPLACEMENT TREE
22	39	La Gorce Circle	Solitaire Palm	Physaliparm a elegans	Clump	14	3	2	5	79	85		Dieback or decline overall.	Not protected size, poor condition	REMOVE	1 REPLACEMENT TREE
23	39	La Gorce Circle	Ficus, Strangler	Ficus aerea	1	25	4	3	1	3	70	X2 Recommended Removal	Leaning trunk. Roots above soil surface (exposed).	Wild is planted, poor form	REMOVE	4"
24	39	La Gorce Circle	Ficus, Little Leaf	Ficus microcarpa	4 clumps	30	6	5	4	50	35	X2 Recommended Removal	Dieback or decline overall. Disease in plant, damaged. Hatracked.	Overgrown hedge, not protected	REMOVE	6"
25	39	La Gorce Circle	Ficus, Strangler	Ficus aerea	1	30	5	4	7.5	177		X2 Recommended Removal	Hatracked. Root(s) girdling/circling trunk. Roots above soil surface (exposed).	Wild is planted, poor form, small palm nearby	REMOVE	5"
26	39	La Gorce Circle	Solitaire Palm	Physaliparm a elegans	1	35	4	3	4	50	85			Not protected size	REMOVE	SMALL PALM NO MITIGATION REQ
27	39	La Gorce Circle	Solitaire Palm	Physaliparm a elegans	1	25	4	3	4	50	85			Not protected size	REMOVE	SMALL PALM NO MITIGATION REQ
28	39	La Gorce Circle	Oak Live	Quercus virginiana	1	30	5	4	12.5	491	70	X2 Recommended Removal	Leaning trunk. Roots above soil surface (exposed).	Wild is planted, poor form	REMOVE	5"
29	39	La Gorce Circle	Oak Live	Quercus virginiana	1	40	11	8	22.5	159.0	70	X2 Recommended Removal	Leaning trunk.	Wild is planted, poor form	REMOVE	11"
30	39	La Gorce Circle	Coccoloba Red Tip	Chrysobalanus icaco 'Red Tip'	Clumps	18	4	3	7.5	177	55	X2 Recommended Removal	Dieback or decline overall. Hatracked. Insect damage.	Overgrown shrubs, not protected form	REMOVE	4"
31	39	La Gorce Circle	Solitaire Palm	Physaliparm a elegans	3 in bed	25	3	2	6	113			Leaning trunk. Nutrient deficiency.	Not protected size	REMOVE	SMALL PALM NO MITIGATION REQ
32	39	La Gorce Circle	Mexican Fan Palm	Washingtonia robusta	1	6	5	4	4	50	80		Leaning trunk. Nutrient deficiency.	Not protected size	REMOVE	SMALL PALM NO MITIGATION REQ
33	39	La Gorce Circle	Ficus, Little Leaf	Ficus microcarpa	Clump	16	8	6	6	113	40	X2 Recommended Removal	Dieback or decline overall. Disease in plant, damaged. Hatracked. Trunk damage- Wound or cut >4"	Overgrown hedge, not protected form	REMOVE	NOT A TREE / OVERGROWN HEDGE NO MITIGATION REQUIRED
34	39	La Gorce Circle	Ficus, Little Leaf	Ficus microcarpa	Clump	16	8	6	6	113	20	X2 Recommended Removal	Dieback or decline overall. Disease in plant, damaged. Hatracked. Trunk damage- Wound or cut >4"	Overgrown hedge, not protected form	REMOVE	NOT A TREE / OVERGROWN HEDGE NO MITIGATION REQUIRED
35	39	La Gorce Circle	Ficus, Little Leaf	Ficus microcarpa	Clump	16	8	6	6	113	20	X2 Recommended Removal	Dieback or decline overall. Disease in plant, damaged. Hatracked. Trunk damage- Wound or cut >4"	Overgrown hedge, not protected form	REMOVE	NOT A TREE / OVERGROWN HEDGE NO MITIGATION REQUIRED
36	39	La Gorce Circle	Ficus, Little Leaf	Ficus microcarpa	Clump	16	8	6	6	113	20	X2 Recommended Removal	Dieback or decline overall. Disease in plant, damaged. Hatracked. Trunk damage- Wound or cut >4"	Overgrown hedge, not protected form	REMOVE	NOT A TREE / OVERGROWN HEDGE NO MITIGATION REQUIRED
37	39	La Gorce Circle	Ficus, Little Leaf	Ficus microcarpa	Clump	16	8	6	6	113	20	X2 Recommended Removal	Dieback or decline overall. Disease in plant, damaged. Hatracked. Trunk damage- Wound or cut >4"	Overgrown hedge, not protected form	REMOVE	NOT A TREE / OVERGROWN HEDGE NO MITIGATION REQUIRED

ARBORIST ASSESSMENT + DISPOSITION CHART

CHRISTOPHER
CAWLEY
LANDSCAPE
ARCHITECTURE
780 NE 69th Street, Suite 200 Miami, Florida 33138
Tel: (786) 536-2961 M: (305) 573-1818
CHRISTOPHERCAWLEY.COM | LC 2800480

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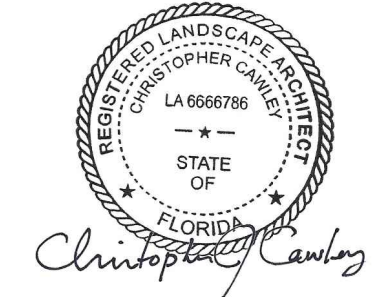
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MIAMI BEACH, FL 33141



CHRISTOPHER CAWLEY, RLA
Florida License LA 6666786

Owner:
Name: OWNER
Address: OWNER ADDRESS1
Address: OWNER ADDRESS2
Tel: OWNER PHONE
Email: OWNER_EMAIL

Landscape Architect:
Name: Christopher Cawley Landscape Architecture
Address: 780 NE 69th Street
Suite #200
Tel: (786) 536-2961
Email: chris@christophercawley.com

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,
Miami, Florida 33127 USA
Tel: +1(305) 573 1818
Fax: +1(305) 573 3766

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K A R P

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LANDSCAPE
ARCHITECTURE
Lic. # AR0012578

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**PROVIDED CERTIFIED ARBORIST
JOHN HARRIS OF EARTH ADVISORS INC.**

**CHRISTOPHER
CAWLEY
LANDSCAPE
ARCHITECTURE**
780 NE 69th Street, Suite 200 Miami, Florida 33138
O | 786.536.2961 M | 305.979.1585
CHRISTOPHERCAWLEY.COM | LC 26000460

**CHRISTOPHER
CAWLEY
LANDSCAPE
ARCHITECTURE**
780 NE 69th Street, Suite 200 Miami, Florida 33138
O | 786.536.2961 M | 305.979.1585
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CHRISTOPHER CAWLEY, RLA
Florida License LA 8866786

Landscape Architect:
Name Christopher Calwey Landscape Architecture
Address 780 NE 69th Street
Address Suite #200
Tel: Tel: (786) 536-2961
Email: Email: chris@christophercalwey.com

Consultant
Name
Address
Address
Tel:
Email

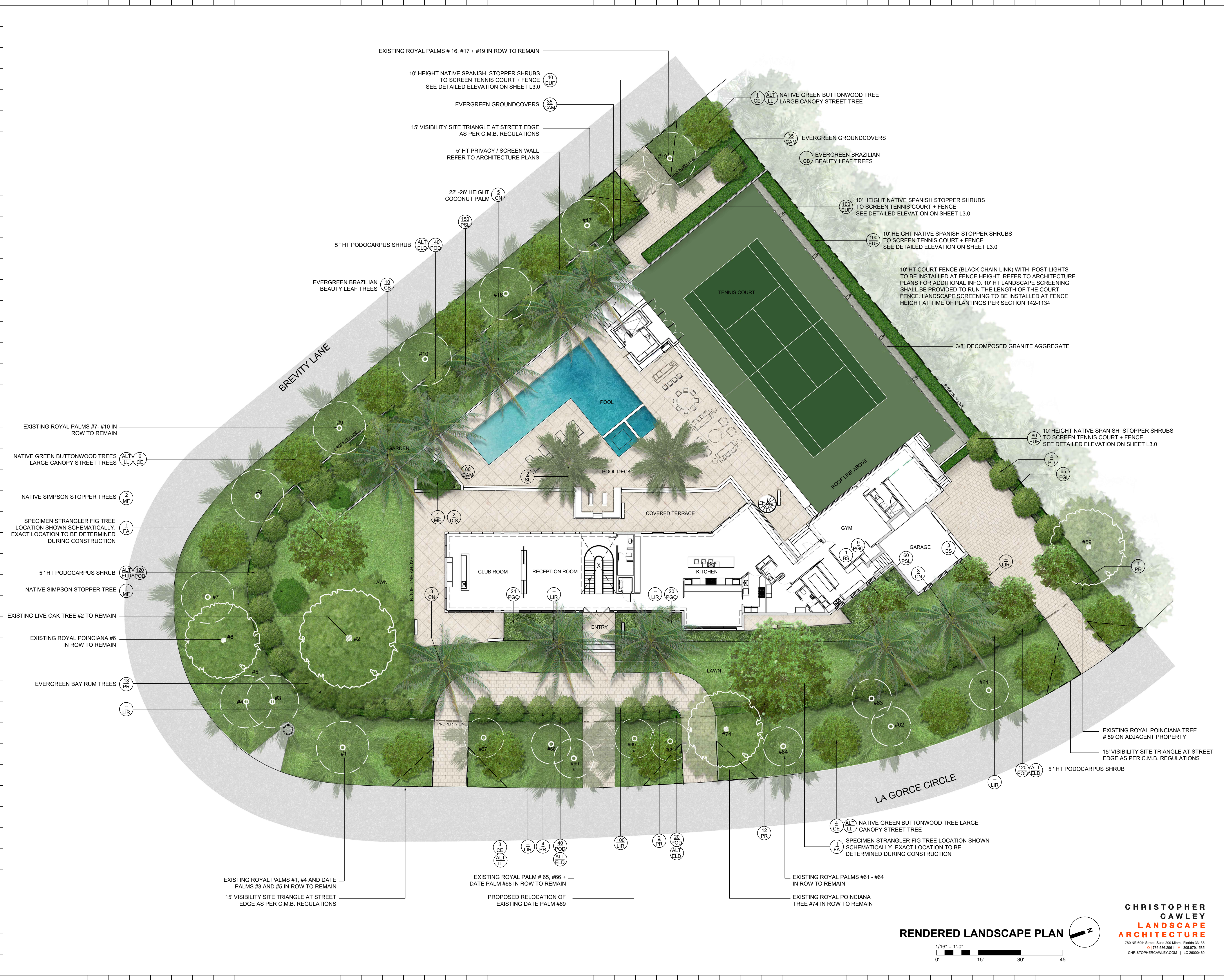
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Tel: +1(305) 573 1818
Fax: +1(305) 573 3766



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L1.2



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Email: OWNER_EMAIL

Landscape Architect:
Name: Christopher Calvey Landscape Architecture
Address: 780 NE 69th Street
Address: Suite #200
Tel: (786) 536-2961
Email: chris@christophercalvey.com

Consultant:
Name:
Address:
Address:
Tel:
Email:

Consultant:
Name:
Address:
Address:
Tel:
Email:

Architect of Record:
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571 NW 28th Street,
Miami, Florida 33127 USA
Tel: +1(305) 573 1818
Fax: +1(305) 573 3766

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L2.1

PLANT LIST - 39 + 41 LA GORCE CIRCLE

KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
BS	4	YES	GUMBO LIMBO	Bursera simaruba	16" height minimum, 8-10" spread, 6" dbh, 4" clear trunk min, standard form
CB	11	NO	BRAZILIAN BEAUTY LEAF TREE	Calophyllum brasiliense	16" height minimum, 8" spread, 4" dbh, 4" clear trunk min, standard form
CE	14	YES	GREEN BUTTWOOD TREE	Conocarpus erectus	16" height minimum, 8" spread, 4" dbh, 5" clear trunk min, standard form
FA	1	YES	STRANGLER FIG	Ficus aurea	Specimen to be approved, 20' - 22' ht min, 10' - 12" spread min, 12" dbh character
FA2	1	YES	STRANGLER FIG	Ficus aurea	Specimen to be approved, 18' ht min, 10" spread min, 8" dbh character
LL	ALT	NO	WILD TAMARIND	Lysioloma latisiliquum	14" height minimum, 6" spread, 2" dbh, 4" clear trunk min, standard form
MF	4	YES	SIMPSON STOPPER TREE	Myrcianthes fragrans	12' - 14' height minimum, 8" spread, 2' - 4" dbh, multi trunk
PD	4	YES	ALL SPICE TREE	Pimenta dioica	14' - 16" height minimum, 8" spread, 4" dbh, standard form
PR	32	NO	BAYRUM TREE	Pimenta racemosa	12" height minimum, 6" spread, 2" dbh, 4" clear trunk min, standard form
PALMS					
CN	10	NO	'GR. MALAYAN' COCONUT PALM	Cocos nucifera 'Green Malayan'	12'-16" GW Full heads, Florida Fancy.
DIS	2	YES	DIOON	Dioon sp.	15 gallon, 4" x 4", full
SL	2	NO	SATAKENTIA PALM	Satakentia iluikiensis	8-10" grey wood, full heads, matched specimens
SHRUBS					
POD	440	NO	PODOCARPUS SHRUB	PODOCARPUS	15 gallon, 5' overall height, full to base, space as required to create a full screen
ELD	ALT	NO	JAPANESE BLUEBERRY SHRUB	Elaeocarpus decipiens	15 gallon, 5' overall height, full to base, space as required to create a full screen
EUF	320	YES	SPANISH STOPPER SHRUBS	Eugenia foetida	10' overall height, full to base, specimen shrubs, space required to create a full screen
FGI	65	NO	FICUS GREEN ISLAND	Ficus macrocarpa 'Green Island'	3 gallon, full, space 18" on center, 2-3' height
PSL	210	YES	DWARF BAHAMA COFFEE	Psychotria ligustrifolia	7 gallon, full, space 24" on center, 2-3' height
TROPICALS, GROUNDCOVERS, + ACCENTS					
CAM	150	NO	CARISSA 'EMERALD BLANKET	Carissa macro 'Emerald Blanket'	3 gallon, full, 18" on center
LIR	---	NO	LILLY TURF	Liriope 'Big Blue'	1 gallon, full, 24" on center
MOD	10	NO	SWISS CHEESE PLANT	Monstera deliciosa	7 gallon, full 36" on center
OPJ	---	NO	MONDO GRASS	Ophiopogon japonicus	1 gallon, full, 6" on center
PHX	---	NO	PHILODENDRON 'XANADU'	Same	3 gallon, full, 24" on center
PGC	53	NO	PHILODENDRON 'GREEN CONGO'	Same	3 gallon, full 36" on center
TRF	---	YES	DWARF FAKAHATCHEE GRASS	Tripsacum floridana	3 gallon, full 36" on center
VINES					
BOU	---	NO	BOUGAINVILLEA	BOUGAINVILLEA	25 gallon trellis
MIN	--	NO	JASMINE MINIMA	Ficus pumila	1 gallon, full, 12" on center
SOD, AGGREGATE & MULCH					
SOD	NATIVE SEA SHORE PASPALUM LAWN - OVER 2" TOPSOIL BED, SEE PLANTING SPECS				
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				
CONTRACTOR TO PROVIDE IMAGES OF ALL MAJOR PLANT MATERIAL TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL BEFORE PURCHASE + INSTALLATION. LANDSCAPE CONTRACTOR TO MEET WITH LANDSCAPE ARCHITECT AND OWNER ON SITE TO REVIEW THE PROPOSED DESIGN PRIOR TO SUBMITTING A BID FOR THE PROJECT. THE LANDSCAPE CONTRACTOR IS TO PROVIDE AN ADDITIONAL ALLOWANCE OF \$15,000 DOLLARS FOR POTTED PLANTS + MISCELLANEOUS VEGETATION TO BE SELECTED DURING THE INSTALLATION OF THE PROJECT					

LANDSCAPE LEGEND

MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 126 (RS1 - RS4 Single Family Home Residential)

ZONING: RS3 **LOT SIZE:** 43,449 SF **ACRES:** .9974

MINIMUM STANDARDS	REQUIRED	PROVIDED
TREES		
FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT 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. MIN 30% OF REQUIRED TREES SHALL BE NATIVE SPECIES MIN 50% OF REQUIRED TREES SHALL BE LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES DIVERSITY OF 31 + TOTAL TREES REQUIRED : 7 TREE SPECIES	FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT TOTAL LOT AREA: 43,449 SF - 6,000 SF 5 TREES REQ + (37,449 / 1,000) = 43 TREES REQ 30% x 38 = 12 TREES OF NATIVE SPECIES 50% x 38 = 19 TREES OF LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES 7 TREE SPECIES	FRONT YARD - 2 TREES PROVIDED BACK YARD - 3 TREES PROVIDED 43 TOTAL TREES PROVIDED 13 TOTAL NATIVE TREES PROVIDED 41 TOTAL LOW MAINTENANCE TREES PROVIDED 7 TREE SPECIES PROVIDED
STREET TREES		
AVERAGE STREET TREE SPACING 20' ON CENTER	700 LINEAR FEET / 20 = 35 STREET TREES REQ	35 STREET TREES PROVIDED
SHRUBS		
12 SHRUBS PER THE NUMBER OF REQUIRED LOT AND STREET TREES MIN 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES MIN 10% OF REQUIRED SHRUBS SHALL BE LARGE SHRUBS or SMALL TREES MIN 50% OF REQUIRED LARGE SHRUBS SHALL BE NATIVE SPECIES	12 x (TOTAL LOT + STREET TREES) = 936 TOTAL SHRUBS REQUIRED 50% x 936 = 468 SHRUBS OF NATIVE SPECIES 10% x 936 = 94 TOTAL LARGE SHRUBS 50% x 94 = 47 LARGE SHRUBS OF NATIVE SPECIES	975 TOTAL SHRUBS PROVIDED 530 TOTAL NATIVE SHRUBS PROVIDED 760 TOTAL LARGE SHRUBS PROVIDED 320 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

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

MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 46 ENVIRONMENT

TREES		
REMOVED (TOTAL DBH OF TREES)	REPLACEMENT TREES REQUIRED	REPLACEMENT TREES PROVIDED
276" OF DBH	<p>92 @ 12" HEIGHT + 2" DBH + 6' SPREAD</p> <p>OR</p> <p>46 @ 16" HEIGHT + 4" DBH + 8' SPREAD</p>	<p>94 REPLACEMENT TREES PROVIDED @ 12" HEIGHT + 2" DBH + 6' SPREAD</p> <p>BREAKDOWN:</p> <p>(11) BRAZILLIAN BEAUTYLEAF TREES @ 16" HEIGHT + 4" DBH + 8' SPREAD = 22 REPLACEMENT TREES</p> <p>(14) NATIVE GREEN BUTTONWOODS TREES @ 16" HEIGHT + 4" DBH + 8' SPREAD = 28 REPLACEMENT TREES</p> <p>(4) GUMBO LIMBO TREES @ 16" HEIGHT + 4" DBH + 8' SPREAD = 8 REPLACEMENT TREES</p> <p>(28) BAYRUM TREES @ 12" HEIGHT + 2" DBH + 6' SPREAD = 28 REPLACEMENT TREES</p> <p>(4) NATIVE ALL SPICE TREES @ 16" HEIGHT + 4" DBH + 8' SPREAD = 8 REPLACEMENT TREES</p>
PALMS		
REMOVED (TOTAL PALMS)	REPLACEMENT TREES REQUIRED	REPLACEMENT TREES PROVIDED
8	<p>8 @ 12" HEIGHT + 2" DBH + 6' SPREAD</p> <p>OR</p> <p>4 @ 16" HEIGHT + 4" DBH + 8' SPREAD</p>	<p>8 REPLACEMENT TREES PROVIDED @ 12" HEIGHT + 2" DBH + 6' SPREAD</p> <p>BREAKDOWN:</p> <p>(4) NATIVE SIMPSONS STOPPER TREES @ 12" HEIGHT + 2" DBH + 6' SPREAD = 4 REPLACEMENT TREES</p> <p>(4) BAYRUM TREES @ 12" HEIGHT + 2" DBH + 6' SPREAD = 4 REPLACEMENT TREES</p>

[illegible]

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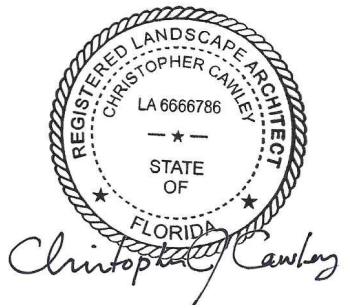
Zoning

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39 + 41 LA GORCE CIRCLE

39 + 41 LA GORCE CIRCLE

MIAMI BEACH, FL 33141



CHRISTOPHER CAWLEY, RLA
Florida License LA 8866786

Owner:
 Name OWNER
 Address OWNER_ADDRESS1
 Address OWNER_ADDRESS2
 Tel: OWNER_PHONE
 Email OWNER_EMAIL

Landscape Architect:
 Name Christopher Calwey Landscape Architecture
 Address 780 NE 69th Street
 Address Suite #200
 Tel: (786) 536-2961
 Email: chris@christophercalwey.com

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,
Miami, Florida 33127 USA
Tel: +1(305) 573 1818
Fax: +1(305) 573 3766

K O B I
K A R P
Lic. # AR0012578

LANDSCAPE LEGEND + PLANT LIST

**CHRISTOPHER
CAWLEY**
**LANDSCAPE
ARCHITECTURE**
780 NE 69th Street, Suite 200 Miami, Florida 33138
O | 786.536.2961 M | 305.979.1585
CHRISTOPHERCAWLEY.COM | LC 26000460

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LANDSCAPE NOTES

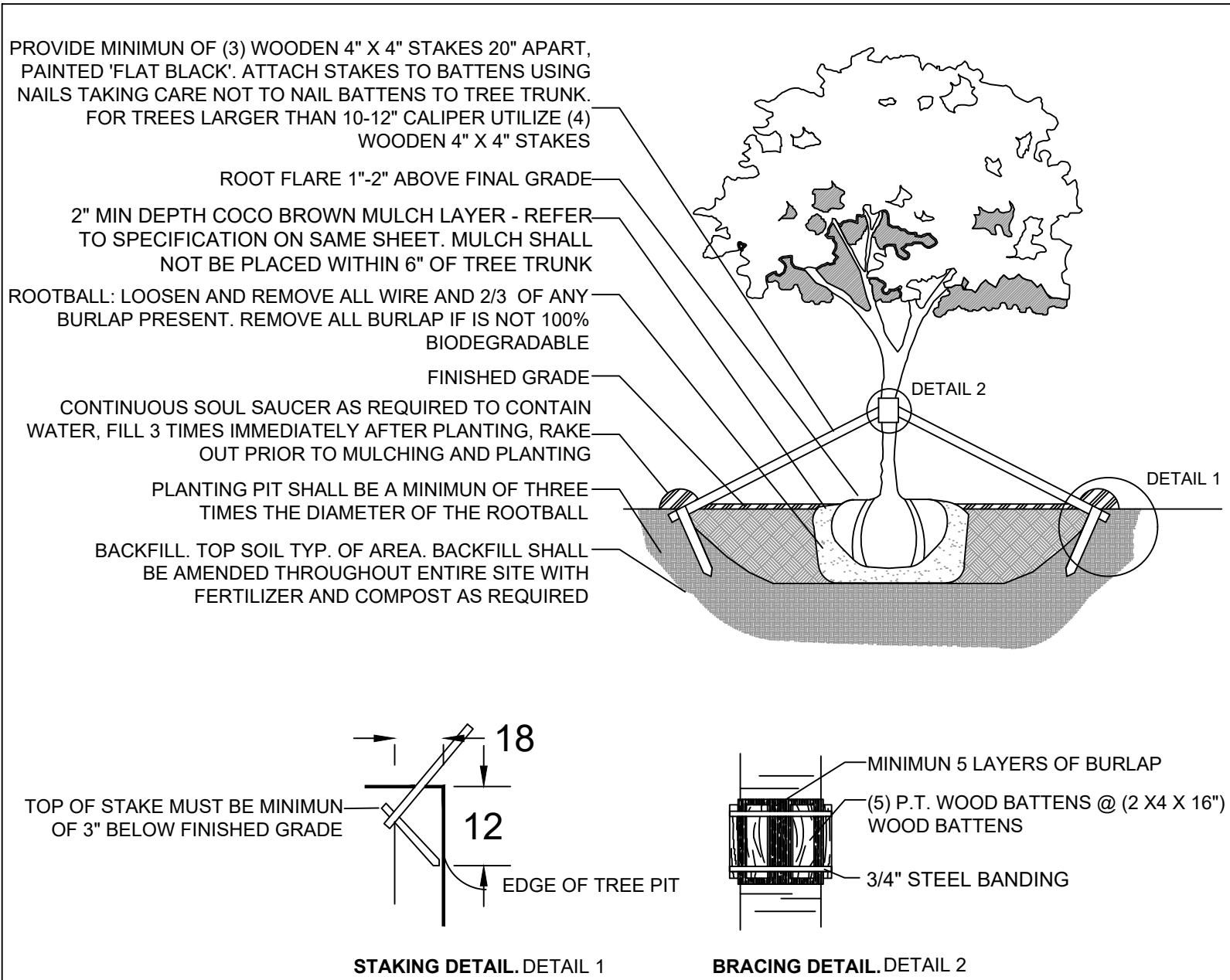
1. ALL PLANT MATERIAL SHALL BE FLORIDA GRADE NO. 1 OR BETTER.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF, AVOID, AND PROTECT ALL UTILITY LINES, BURIED CABLES, AND OTHER UTILITIES.
3. TREE, PALM, ACCENT AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
4. ANY CHANGES TO R.O.W. (RIGHT OF WAY) MATERIAL IN REGARDS TO PLACEMENT OF SPECIES SHALL REQUIRE THE APPROVAL AND CONSULTATION OF THE CITY URBAN FORESTER AND OR CITY STAFF.
5. 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.
6. 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 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.

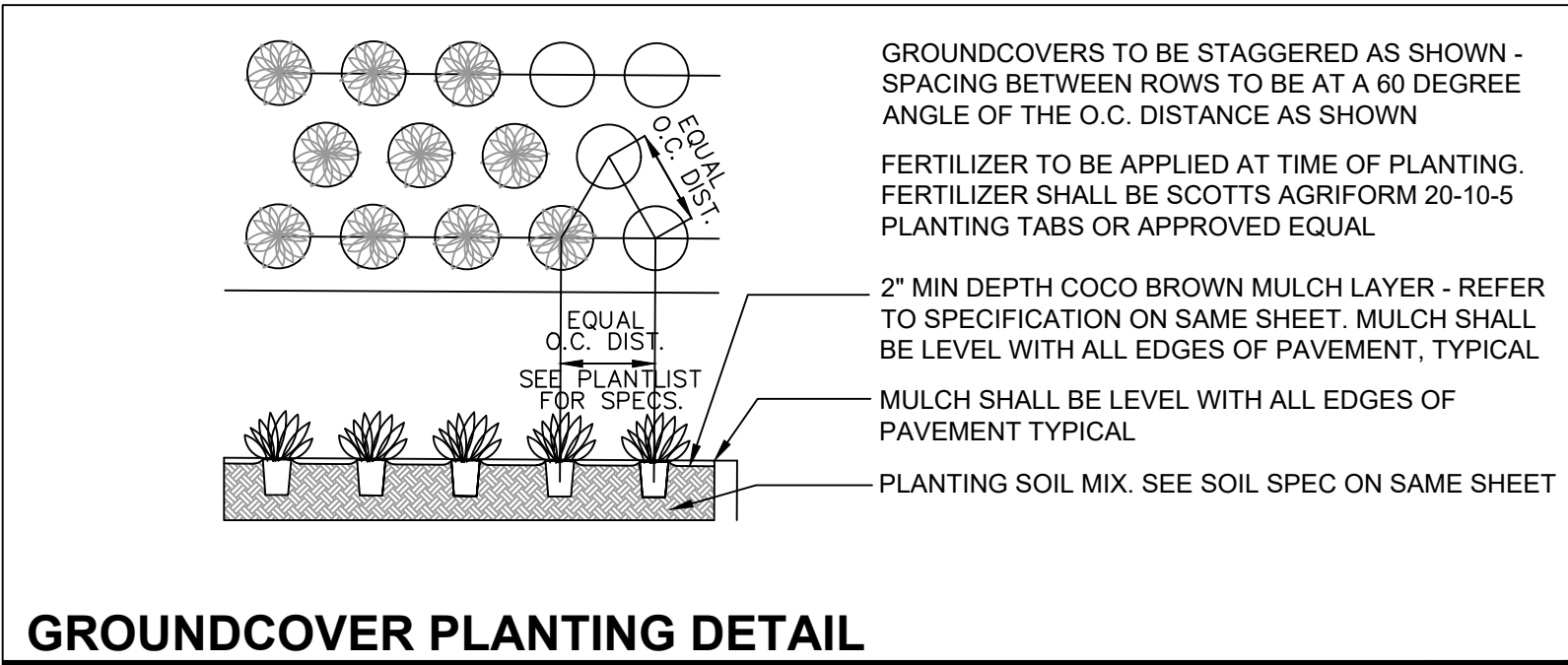
TREES, PALMS, SPECIMEN PLANT MATERIAL LOCATIONS:
REMOVE ALL LIMEROCK PRESENT TO A DEPTH OF AT LEAST 30"BEFORE PLACING NEW PLANTING SOIL. APPLY NEW CLEAN PLANTING SOIL IN PLANTING AREA AS REQUIRED

7. ALL EXISTING TREE + PALM INFORMATION THAT HAS BEEN PROVIDED ON THIS PLAN FOLLOWS THE MIAMI beach chapter 46 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.
10. 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.
11. 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.
12. 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.
13. ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE-YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.
14. 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.
15. CONTRACTOR SHALL REMOVE ALL STAKES, POLES, WELLINGTON TAPE AND OR BRACING MATERIALS FROM ALL PALMS, TREES AND SHRUBS 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.
16. A MINIMUM OF 6 MONTHS OF SUPPLEMENTAL HAND OR AUTOMATIC IRRIGATION SYSTEM WATERING SHALL BE REQUIRED TO AID IN NEW TREE OR PALM ESTABLISHMENT.
17. 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
18. 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 MIAMI DADE COUNTY 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.
19. CITY OF MB URBAN FORESTER AND OR PLANNING DEPARTMENT STAFF TO APPROVE ROW TREES BEFORE THEY ARE PLANTED. A SEPARATE ROW PERMIT SHALL BE REQUIRED FOR WORK PORPOSED IN THE CITY OF MIAMI BEACH ROW.
20. 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.

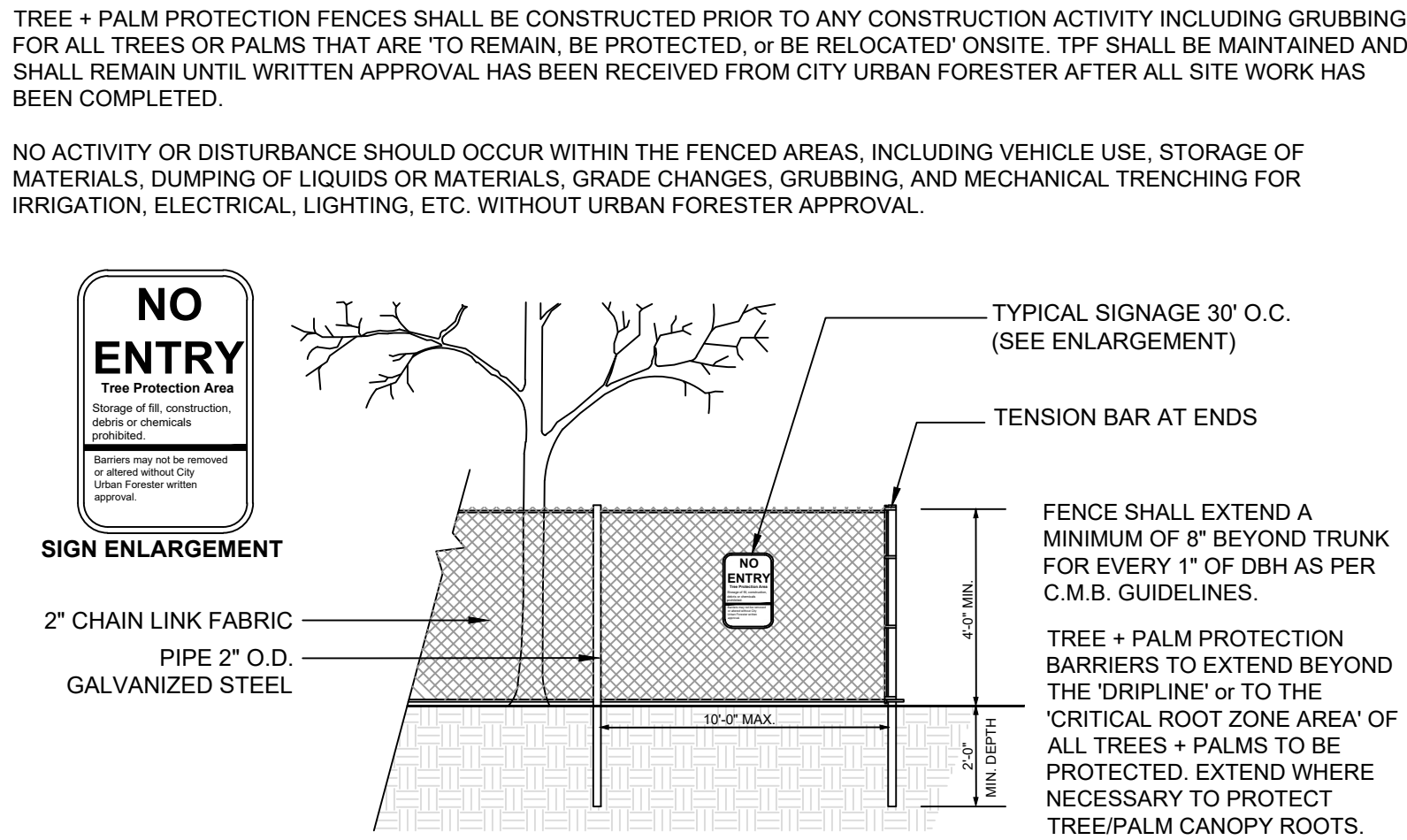


C.M.B. LARGE TREE PLANTING DETAIL

N.T.S.

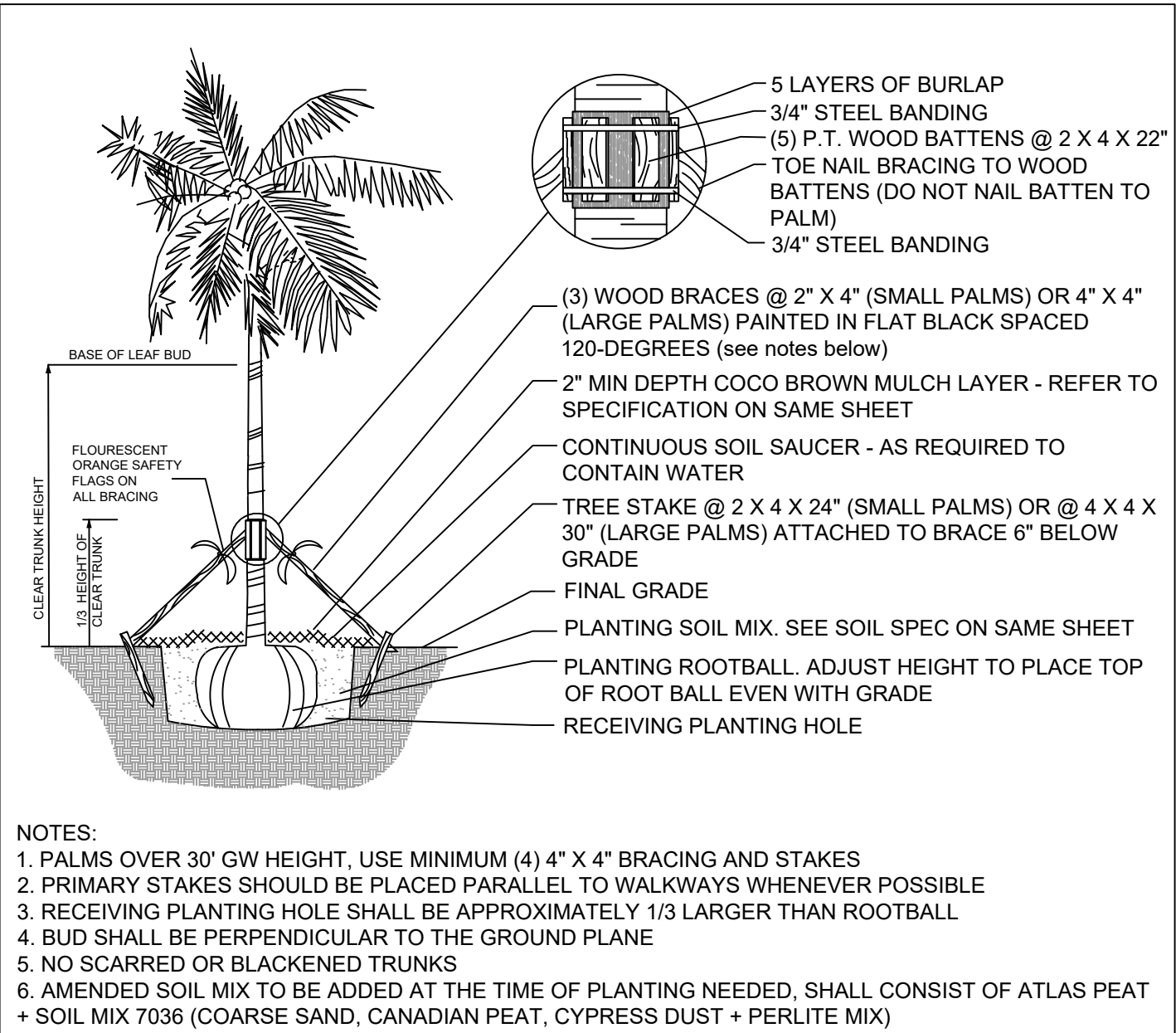


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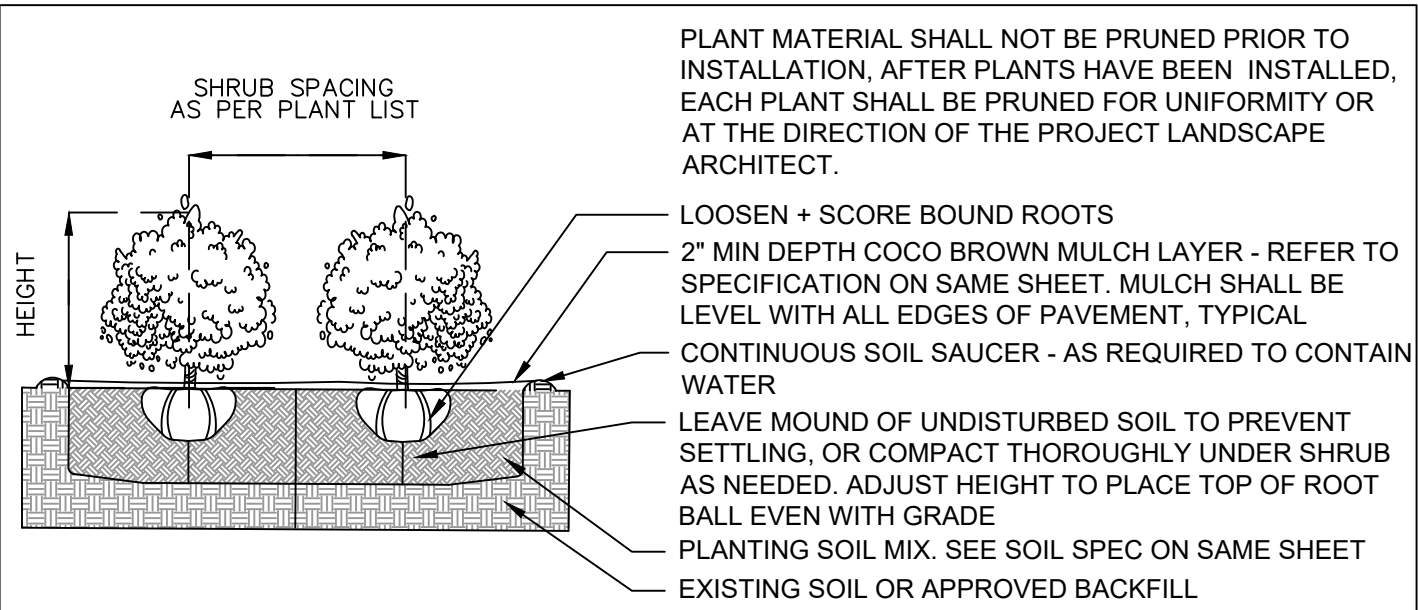
C.M.B. TREE + PALM PROTECTION DETAIL (CHAINLINK)

N.T.S.



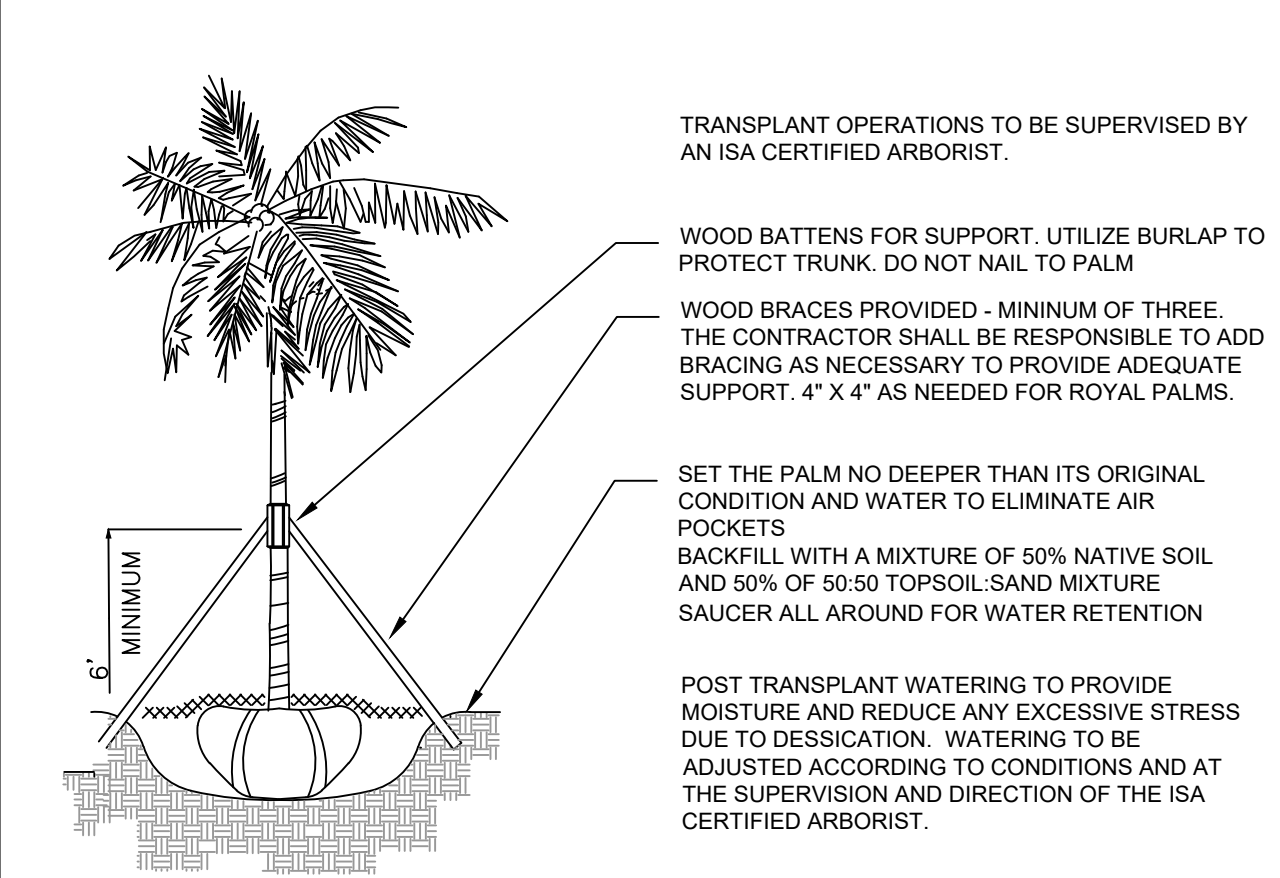
C.M.B. PALM PLANTING DETAIL

N.T.S.



SHRUB PLANTING DETAIL

N.T.S.



C.M.B. PALM TRANSPLANT DETAIL

N.T.S.

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Zoning

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39 + 41 LA GORCE CIRCLE

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MIAMI BEACH, FL 33141



CHRISTOPHER CAWLEY, RLA
Florida License LA 6666786

Owner:
Name: OWNER
Address: OWNER_ADDRESS1
Address: OWNER_ADDRESS2
Tel.: OWNER_PHONE
Email: OWNER_EMAIL

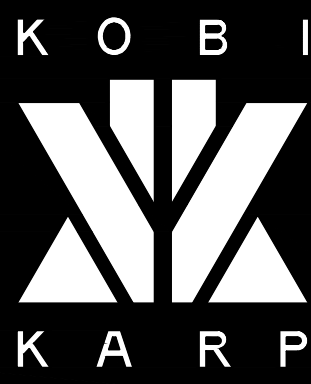
Landscape Architect:
Name: Christopher Calvey Landscape Architecture
Address: 780 NE 69th Street
Address: Suite #200
Tel.: Tel: (786) 536-2961
Email: Email: chris@christophercawley.com

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,
Miami, Florida 33127 USA
Tel.: +1(305) 573 1818
Fax: +1(305) 573 3766

KOBİ KARP
Lic. # AR0012578



LANDSCAPE NOTES + DETAILS

CHRISTOPHER
CAWLEY
LANDSCAPE
ARCHITECTURE

780 NE 69th Street, Suite 200 Miami, Florida 33138
(786) 536-2961 | (305) 573-1818
CHRISTOPHERCAWLEY.COM | LC 28000480

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CB / BRAZILIAN BEAUTY LEAF TREE



BS / GUMBO LIMBO TREE



MF / SIMPSON STOPPER TREE



FA / FICUS AUREA SPECIMEN TREE



CN/ COCONUT PALM



CE / GREEN BUTTONWOOD STREET TREE



PR / BAY RUM TREE



PD / ALL SPICE TREE



SL / SATENKENTIA PALM

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MIAMI BEACH, FL 33141



CHRISTOPHER CALVEY, RLA
Florida License LA 6666786

Owner:	
Name	OWNER
Address	OWNER_ADDRESS1
Tel:	OWNER_ADDRESS2
Email	OWNER_PHONE
	OWNER_EMAIL

Landscape Architect:	
Name	Christopher Calvey Landscape Architecture
Address	780 NE 69th Street
Tel:	Suite #200
Email	Tel: (786) 536-2961
	Email: chris@christophercalvey.com

Consultant:	
Name	
Address	
Tel:	
Email	

Consultant:	
Name	
Address	
Tel:	
Email	

Architect of Record:	
Kobi Karp Architecture and Interior Design, Inc.	
571 NW 28th Street,	
Miami, Florida 33127 USA	
Tel: +1(305) 573 1818	
Fax: +1(305) 573 3766	

KOBİ
KARP

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PLANT MATERIAL IMAGES

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CAWLEY
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