

REVISIONS

9/13/18 SITE PLAN
11/2/18 SITE PLAN

LANDSCAPE PLAN

NEW RESIDENCE
40 WEST RIVO ALTO
MIAMI BEACH, FLORIDA

Diego Vanderbiest
3200 SW 80 ST
MIAMI, FLORIDA 33143
(305) 528-4001

SEAL

DIEGO J. VANDERBIEST
R.L.A. #6661365

DRAWN
DV

DATE
5/24/18

SCALE
1" = 10' - 0"

SHEET

LA = 1

CF - SHEETS

Tree Disposition								
No	Botanical Name	Common Name	DBH (in)	Height (ft)	Spread (ft)	Disposition	Mitigation (sf)	Condition
1	Roystonea elata	Royal Palm	15	40	16	Remain		Good
2	Ficus benjamina	Ficus	26	36	24	Remove	452	Poor
3	Roystonea elata	Royal Palm	20	50	18	Relocate		Good
4	Roystonea elata	Royal Palm	15	50	20	Relocate		Fair
5	Roystonea elata	Royal Palm	14	50	20	Relocate		Fair
6	Plumeria spp	Frangipani	2	10	4	Remove	12	Fair
7	Acacia xiphophylla	Snakewood	2@6	26	14	Remove	154	Poor
8	Ptychosperma elegans	Alexander Palm	3, 3.5	22	10	Remove	78	Fair
9	Acacia xiphophylla	Snakewood	3	15	6	Remove	28	Poor
10	Strelitzia nicolai	White Bird of Paradise	10.5	20	10	Remove	78	Fair
11	Strelitzia nicolai	White Bird of Paradise	7@8.5	20	18	Remove	254	Fair
12	Ficus benjamina	Ficus	15	30	15	Remove	176	Fair
13	Delonix regia	Royal Poinciana	6	40	10	Remove	78	Poor
14	Veitchia montgomeryana	Montgomery Palm	3.5	15	7	Remove	176	Good
15	Bucida buceras	Black Olive	24	40	30	Remove	706	Fair
16	Ficus benjamina	Ficus	9, 16	30	20	Remove	314	Fair
17	Strelitzia nicolai	White Bird of Paradise	12	23	8	Remove	50	Good
18	Ficus benjamina	Ficus	11, 16	30	21	Remove	346	Poor
19	Terminalia catappa	Tropical Almond	10.5	26	18	Remove	254	Fair
20	Taxodium distichum	Bald cypress	9.5	24	20	Remove	314	Poor
21	Taxodium distichum	Bald cypress	6.5	10	15	Remove	176	Fair
22	Cocos nucifera	Coconut Palm	7	15	15	Remain		Good
23	Cocos nucifera	Coconut Palm	7	15	15	Remain		Good
24	Cocos nucifera	Coconut Palm	9	35	15	Relocate		Good
25	Bursera simaruba	Gumbo Limbo	11.5, 13	15	15	Relocate		Fair
26	Cocos nucifera	Coconut Palm	6	10	15	Relocate		Good
27	Sabal palmetto	Sabal Palm	13	22	10	Remain		Good
28	Cocos nucifera	Coconut Palm	7.5	20	15	Remain		Good
29	Unknown	Unknown	9	17	14	Remove	154	Good
30	Schefflera actinophylla	Umbrella Tree	2, 4, 5.5	30	15	Remove	--	Fair
31	Roystonea elata	Royal Palm	25	50	20	Remain		Good

PLANTLIST			
TREES & PALMS			
QTY	KEY	BOTANICAL NAME	COMMON NAME
1	AW	Accotearia virginica	Pavlovskia Palm
11	CC	Capparis cynophallophora	Jamaican Caper
1	CD	Coccoloba diversifolia	Pigeon Plum
5	CS	Conocarpus erectus 'sericeus'	Silver Buttonwood
5	ED	Elaeocarpus decipens	Japanese Blueberry
5	IC	Ilex cassine	Dahoon Holly
3	PS	Phoenix sylvestris	Wild Date Palm
1	PU	Pandanus utilis	Pandanus
SHRUBS & GROUNDCOVERS			
QTY	KEY	BOTANICAL NAME	COMMON NAME
9	ALO	Alcantarea odorata	Odorata Bromeliad
25	BEG	Begonia odorata 'alba'	White Begonia
47	CLG	Clusia guttata	Clusia
1	COF	Cordyline frutescens 'black magic'	Black Magic
60	FIM	Ficus microcarpa	Green Island Ficus
65	MYF	Myrciathes fragans	Simpson Stopper
60	NEE	Neprolepis exaltata	Sword Fern
54	PHB	Philodendron 'burle marx'	Burle Marx
3	PRC	Philodendron 'tojo congo'	Rajo Congo
2	RHE	Rhapis excelsa	Lady Palm
40	SPB	Spartina bakeri	Sandcord Grass
2100	LAWN	Zoysia japonica	Zoysia

TREE MITIGATION CHART	
Existing Tree Mitigation:	Req
Tree Mitigation required for proposed removals	3,800 s.f.

Proposed Tree Mitigation:	Prov
(5) Silver Buttonwood at (150 s.f. ea)	750 s.f.
(5) Japanese Blueberry at (150 s.f. ea)	750 s.f.
(5) Dahoon Holly at (150 s.f. ea)	750 s.f.
(2) Madagascar Olive at (150 s.f. ea)	300 s.f.
(1) Pigeon Plum at (150 s.f. ea)	150 s.f.
(11) Jamaican Capers at (100 s.f. ea)	1100 s.f.
Total Mitigation Provided	3800 s.f.

CITY OF MIAMI BEACH

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS
Zoning District: RS-3 Lot Area 10,500 S.F.

OPEN SPACE		REQUIRED/ ALLOWED	PROVIDED
Square feet of required Open Space as indicated on site plan: Lot Area = 10,500 s.f. x 50 % = 5,250 s.f.		5,250	7,688
Square feet of parking lot open space required as indicated on site Number of parking spaces _____ x 10 s.f. parking space =		N/A	N/A
Total square feet of landscaped open space required: A+B=		5,250	7,688

LAWN AREA CALCULATION		REQUIRED/ ALLOWED	PROVIDED
Square feet of landscaped open space required Maximum lawn area (sod) permitted= 50 % x 7688 s.f.		5,250	7688
		3,844	2,861

TREES		REQUIRED/ ALLOWED	PROVIDED
Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements=		11	13
% trees x _____ net lot acres - number of existing trees=		4	6
% Natives required: Number of trees provided x 30% =			
% Low maintenance / drought and salt tolerant required:		7	11
Number of trees provided x 50%=			
Street Trees (maximum average spacing of 20' o.c.) _____ linear feet along street divided by 20' =		N/A	N/A
Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.) 60 linear feet along street divided by 20' =		3	1

SHRUBS		REQUIRED/ ALLOWED	PROVIDED
Number of shrubs required: Sum of lot and street trees required x 12=		168	343
% Native shrubs required: Number of shrubs provided x 50%=		172	182

LARGE SHRUBS OR SMALL TREES		REQUIRED/ ALLOWED	PROVIDED
Number of large shrubs or small trees required: Number of required shrubs x 10%=		17	18
% Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=		9	11