

L & N D

MASTER PLANNING + LANDSCAPE ARCHITECTURE + DESIGN
WWW.LAND.DESIGN

2610 NORTH MIAMI AVENUE
MIAMI, FL 33127
614.439.4895

310 HIBISCUS DRIVE

FINAL DRB SUBMITTAL

03.08.2019

L-02 - TREE DISPOSITION
L-03 - DEVELOPMENT CHARTS
L-04 - OVERALL TREE / PALM PLAN
L-05 - OVERALL SHRUB PLAN
L-06 - PLANTING SPECS
L-07 - PLANTING SPECS
L-08 - PLANTING SPECS
L-09 - PLANTING SPECS



TREE DISPOSITION TABLE

TREE NO.	TREE - COMMON NAME	TREE - LATIN NAME	DIAMETER at BREAST HEIGHT (in inches)	HEIGHT OF CANOPY TREES (in	CANOPY DIAMETER (in feet)	CANOPY DIAMETER (in sq. ft.)	DISPOSITION	REMOVAL- MUNICIPAL CRITERIA AND NOTES			
								CRITERIA	CANOPY SQ.FT	R.O.W CANOPY SQ.FT	
7	HIBISCUS TREE	Hibiscus rosa-sinensis	24	50	45	1590	REMOVE		1590		
8	ARECA PALM	Dypsis lutescens	12,12,12,12	15	15	177	REMOVE		177		
9	ARECA PALM	Dypsis lutescens	12,12,12	15	15	177	REMOVE		177		
10	FISHTAIL PALM	Caryota mitis	20, 20, 20	35	5	20	REMOVE		20		
11	FISHTAIL PALM	Caryota mitis	20, 20, 20	35	5	20	REMOVE		20		
12	FISHTAIL PALM	Caryota mitis	20, 20, 20	35	5	20	REMOVE		20		
13	FISHTAIL PALM	Caryota mitis	20, 20, 20	35	5	20	REMOVE		20		
14	FISHTAIL PALM	Caryota mitis	20, 20, 20	35	5	20	REMOVE		20		
24	DANYAN TREE	-					REMOVE		0		
36	FISHTAIL PALM	Caryota mitis	4	35	10	79	REMOVE		79		
37	PALM	-	4	35	8	50	REMOVE		50		
38	BAYAN TREE	Ficus benghalensis	96	70	50	1963	REMOVE		1963		
STREET TREES											
1	ROYAL PAM	Roystonea regia	14	60	12	113	REMOVE		113		
2	ROYAL PAM	Roystonea regia	18	60	12	113	REMOVE		113		
3	ROYAL PAM	Roystonea regia	24	60	12	113	REMOVE		113		
TOTAL SQ. FEET FOR SITE REMOVAL:									4,474		
TOTAL SQ. FEET FOR ROW REMOVALS:									0		
							UNITS REMOVED FROM ROW		-		
							UNITS REMOVED	4,474			
							TOTAL UNITS REMOVED:	4,474			
PROPOSED ON SITE MITIGATION BREAKDOWN										TREE CREDIT	
							CATEGORY 1 TREE 2" CAL/12' HT MIN:	3	300	Category 1 Tree = 300sf credit/tree	
							CATEGORY 2 TREE 2" CAL/10' HT MIN:	2	150	Category 2 Tree = 150sf credit/tree	
							CATEGORY 3 TREE 2" CAL/8' HT MIN:	20	100	Category 3 Tree = 100sf credit/tree	
							CATEGORY 4 PALM 6' CLR TRUNK MIN:	30	50	Category 4 Palm = 50sf credit/tree	
TOTAL PROPOSED REPLACEMENT TREES (REFER TO PLANTING PLANS):									55	COMBINATION FULFILLS SITE MITIGATION OF CANOPY SF:	4,700

LANDSCAPE LEGEND

MUNICIPALITY: City of Miami Beach

ZONING CLASS: **RS-3** LOT AREA: 16,115 ACRES: 0.3699
ORDINANCE/CODE SECTION: CITY OF MIAMI BEACH SECTION 126

OPEN SPACE		REQUIRED/ ALLOWED	PROVIDED
A.	Sq. Ft. of required Open Space	4,835	4,835
	Lot area: <u>16,115</u>		
	Multiplier: <u>30%</u>		
B.	Sq. Ft. of parking lot open space	20	20
	Parking Spaces: <u>2</u>		
	Multiplier: <u>10</u> sf/space		
C.	Total Sq. Ft. of landscaped Open Space required	4,855	4,855

LAWN AREA

A.	Total Sq. Ft. of landscaped Open Space	4,855	4,855
B.	Maximum Lawn Area (sod) permitted-	971	971
	Open space required: 4,855		
	Multiplier: 20%		

TREES

A.	Number of trees required per lot, less existing trees	10	10
	Required Trees/Lot: <u>28</u>		
	Net lot acres: <u>0.3699</u>		
	Required Trees: <u>10</u>		
	Existing trees: <u>0</u>		
B.	% Palms allowed	0	0
	Trees provided: <u>10</u>		
	Multiplier: <u>0%</u>		

PER CODE SECTION 126-6.C.10 PALMS DO NOT COUNT TOWARD MIN. TREE REQUIREMENTS

C.	% Native required		3	3
	Trees provided:	<u>10</u>		
	Multiplier:	<u>30%</u>		
D.	% Drought tolerant and low maintenance species required		5	5
	Trees provided:	<u>10</u>		
	Multiplier:	<u>50%</u>		

STREET TREES

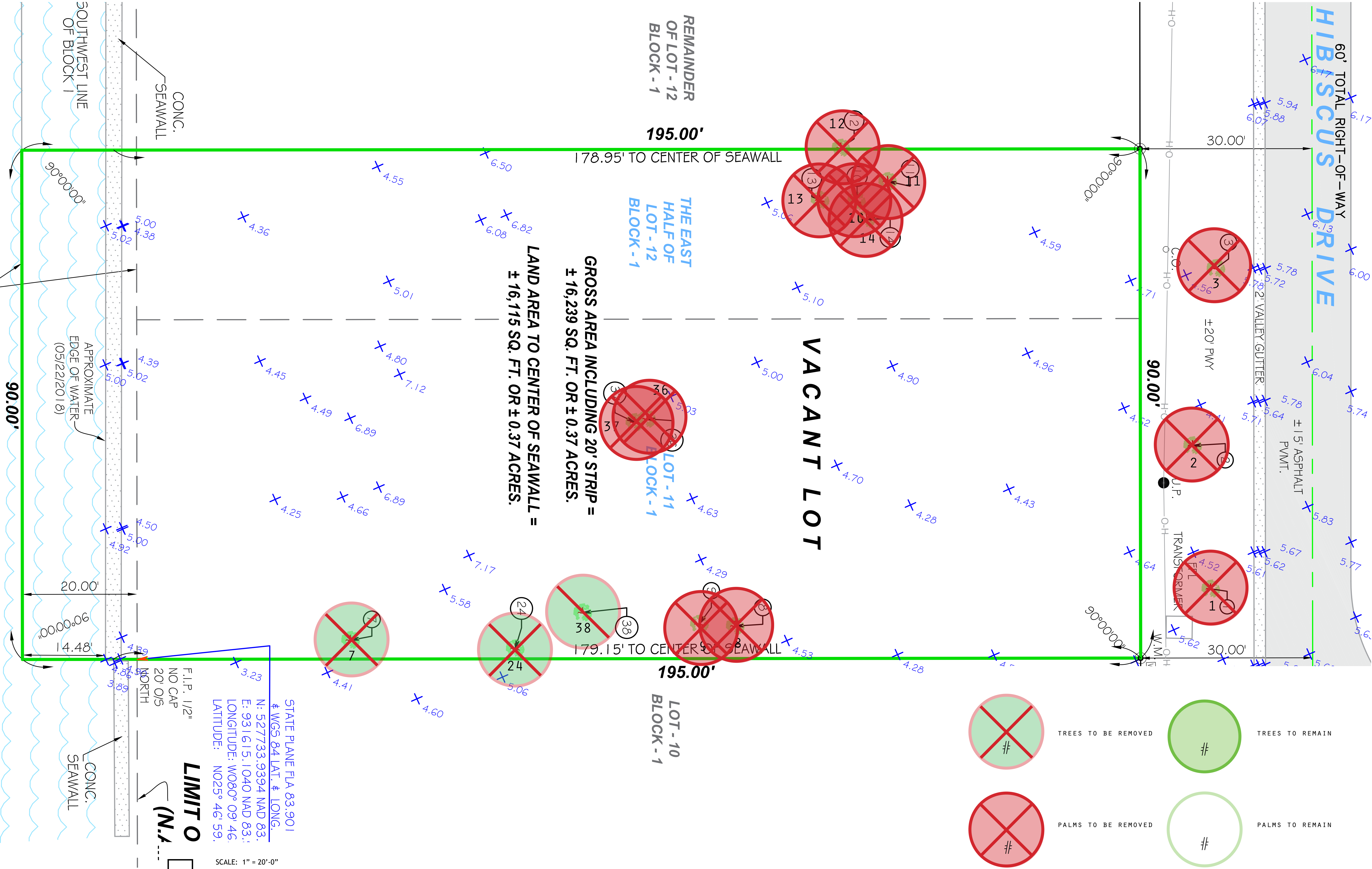
NO WORK IN THE ROW INCLUDED IN THIS SCOPE		
A.	Street trees (maximum average spacing of 20' o.c.)	<u>8</u> <u>0</u>
	Linear ft of street frontage: <u>160</u>	
	Multiplier: <u>20</u>	
	Existing trees: <u>0</u>	
B.	Street trees directly below power lines	<u>5</u> <u>5</u>
	Linear ft of street frontage: <u>90</u>	
	Multiplier: <u>20</u>	

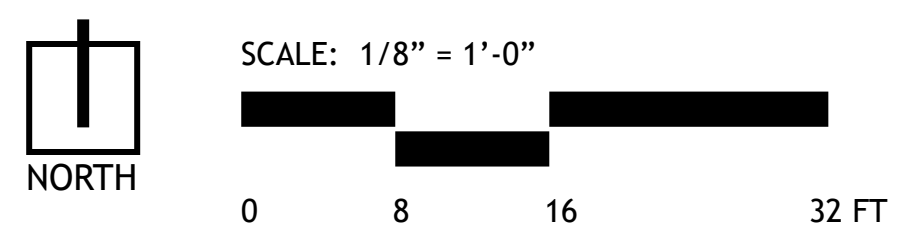
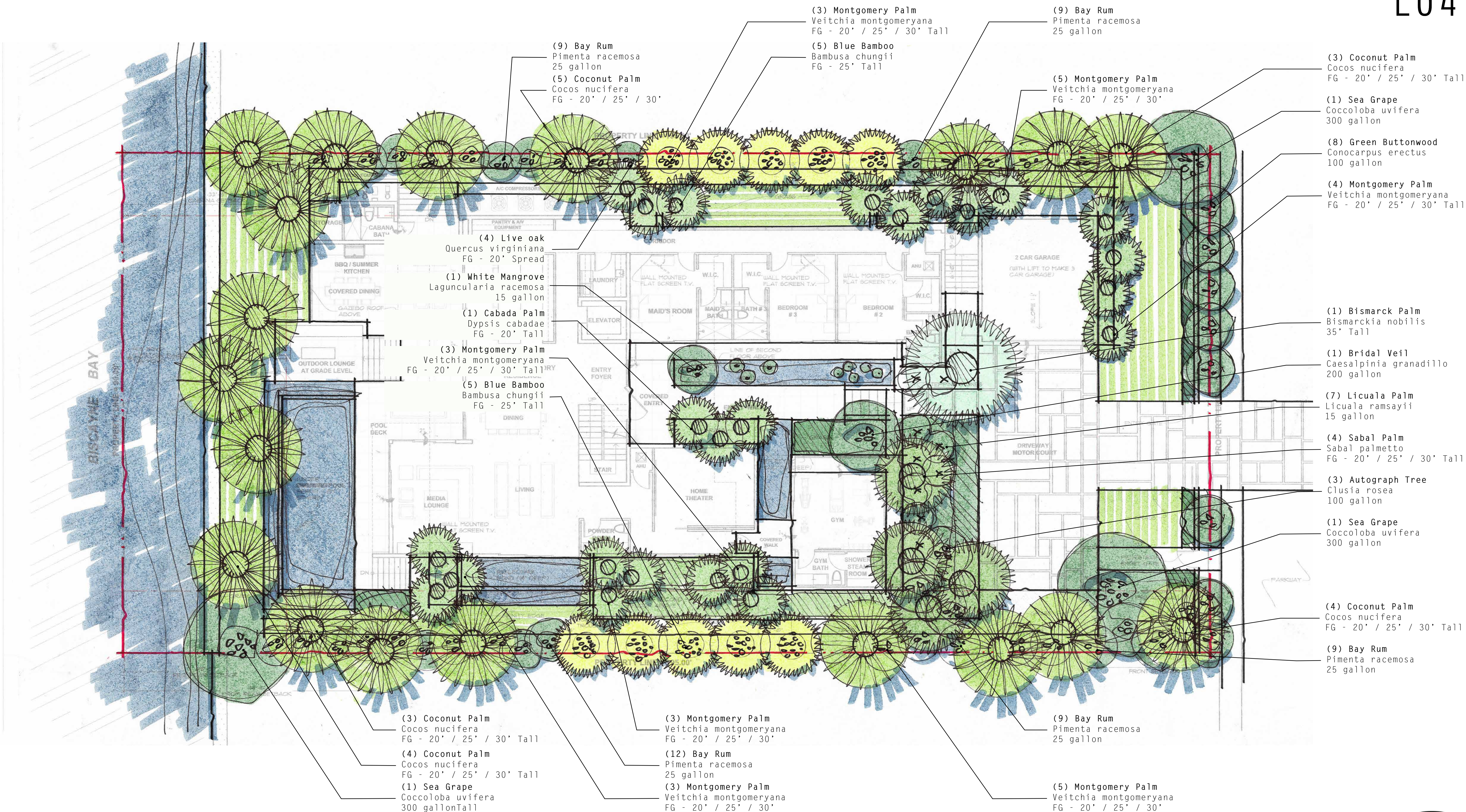
SHRUBS

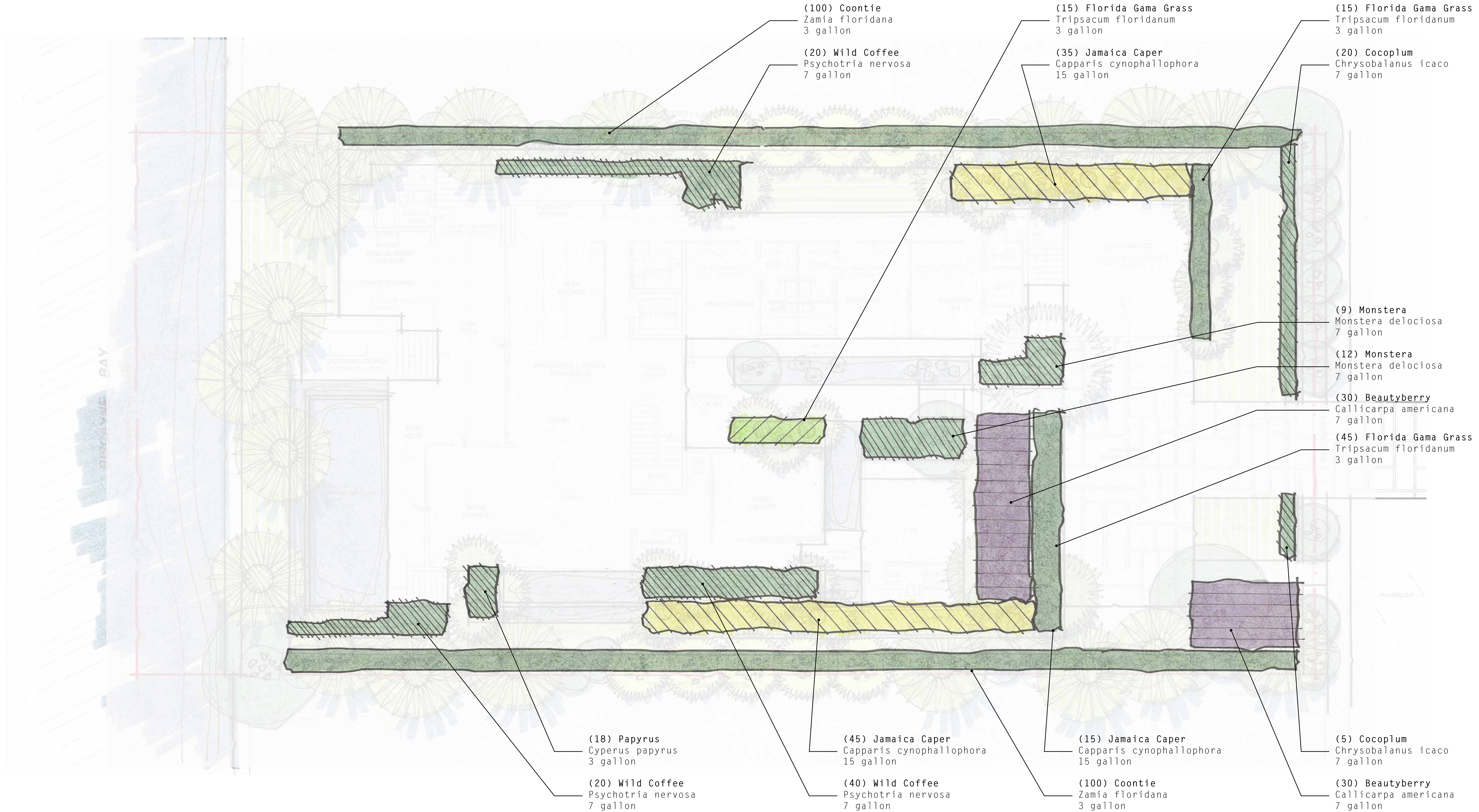
A.	Number of shrubs required	220	220
	Lot and street trees required:	18	
	Multiplier:	12	
B.	% Native species required	110	110
	Shrubs provided:	220	
	Multiplier:	50%	

LARGE SHRUBS OR SMALL TREES

A.	Number of shrubs or small tree required	22	22
	Shrubs required: $\frac{220}{10\%}$		
B.	% Native species required	33	33
	Shrubs provided: $\frac{65}{50\%}$		







SCALE: 1/8" = 1'-0"

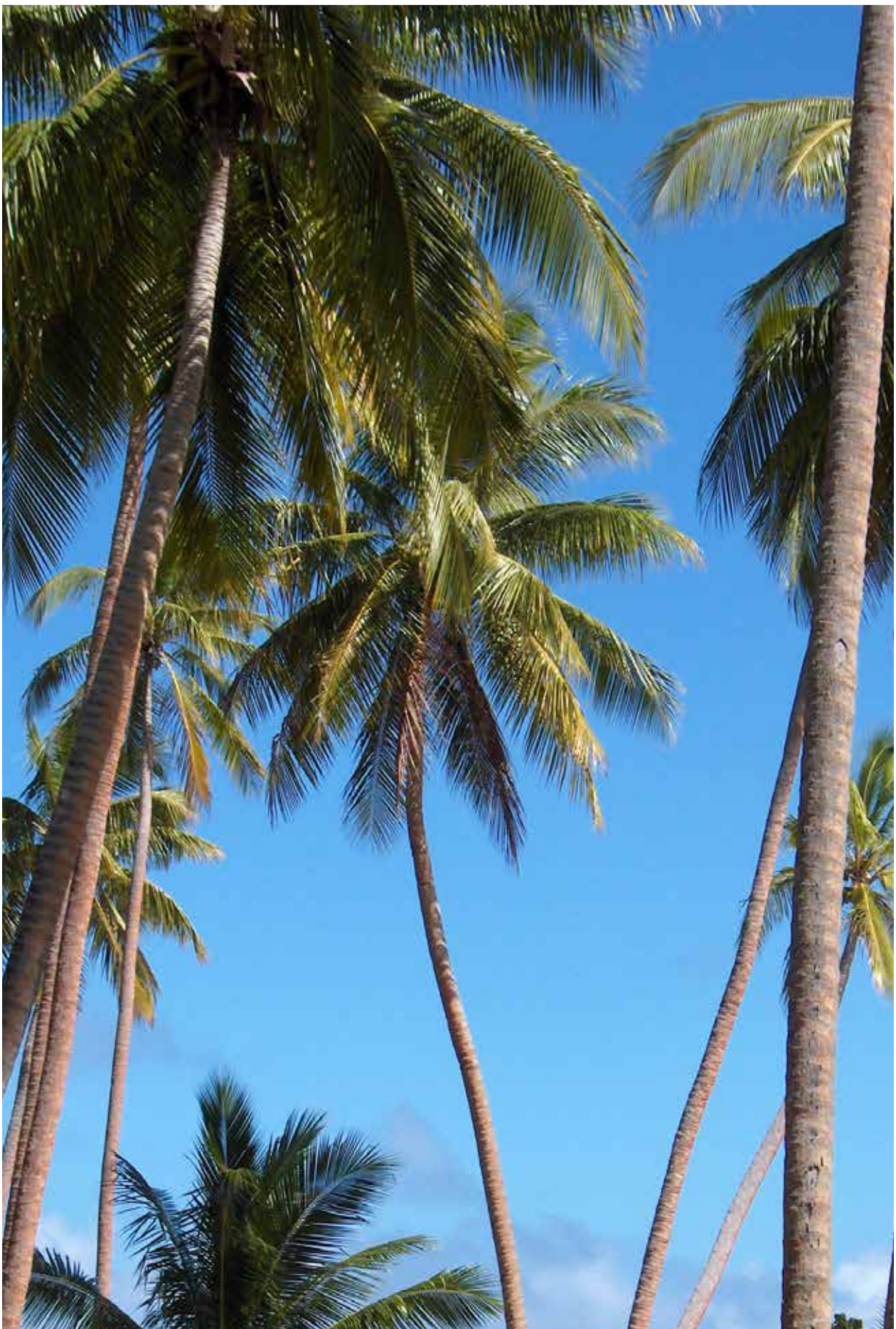
0 8 16 32 FT



SEA GRAPE
(300 GALLON)



MONTGOMERY PALM
(FIELD GROWN)



COCONUT PALM
(FIELD GROWN)



SABAL PALM
(FIELD GROWN)



AUTOGRAPH TREE
(100 GALLON)



RAPHIS PALM
(25 GALLON)



BAY RUM
(25 GALLON)



Simpson Stopper
(100 gallon)



Cocoplum
(25 gallon)



Bridal Veil
(100 gallon)



Green Buttonwood
(45 gallon)



Crabwood
(45 gallon)



Thatch Palm
(30 gallon)



Crinum Lily
(15 gallon)



Dioon
(15 gallon)



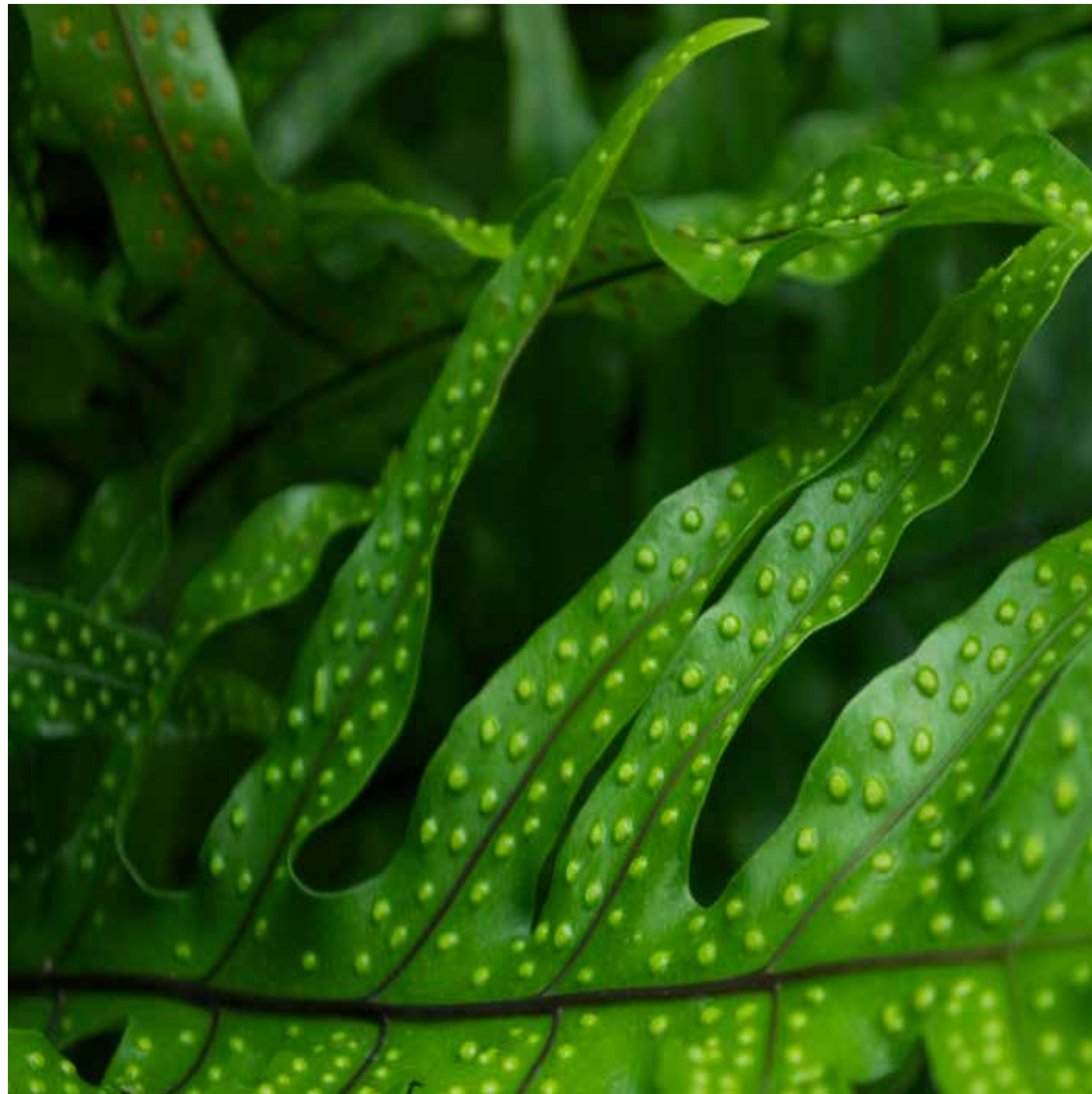
MONSTERA
(15 GALLON)



GROUND ORCHIDS
(10" POT)



FAKAHATCHEE GRASS
(7 GALLON)



WART FERN
(7 GALLON)



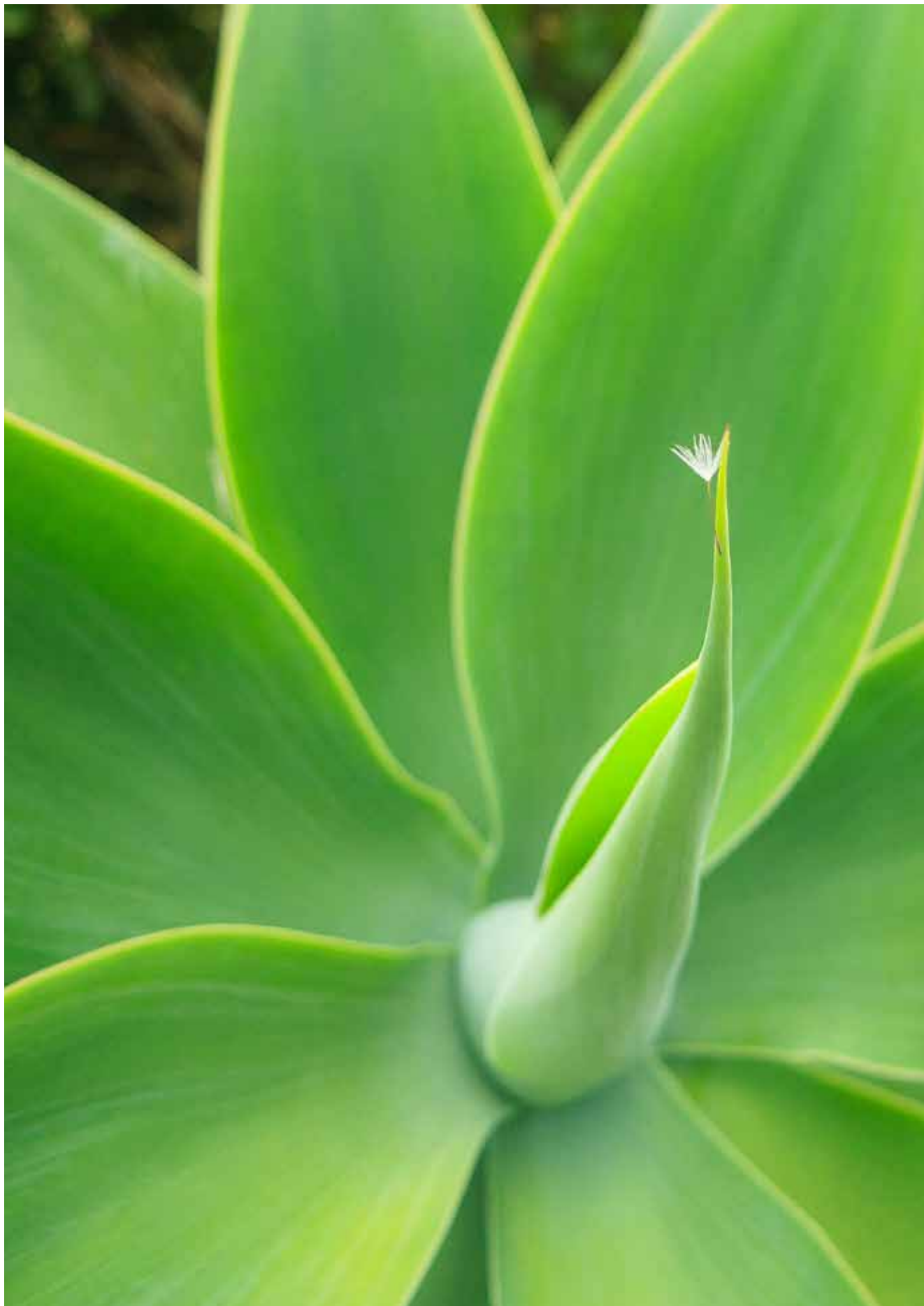
MACHO FERN
(7 GALLON)



PORTEA JUNGLES BROMELIAD
(10" POT)



SPINELESS AGAVE
(7 GALLON)



ENCEPHALARTOS
(15 GALLON)



SILVER SAW PALMETTO
(15 GALLON)



ENCEPHALARTOS
(15 GALLON)



PLUMERIA
(15 GALLON)



WHITE BIRD OF PARADISE
(15 GALLON)