- 2138 BAY AVENUE -
MIAMI BEACH, FL

LANDSCAPE SET
CAP 2

SHEET INDEX

Legend — x = Sheet submitted — * = Sheet revised

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2138
BAY AVENUE

MIAMI BEACH, FL

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MIAMI BEACH, FL - 33140

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DRAWING TITLE:

COVER SHEET

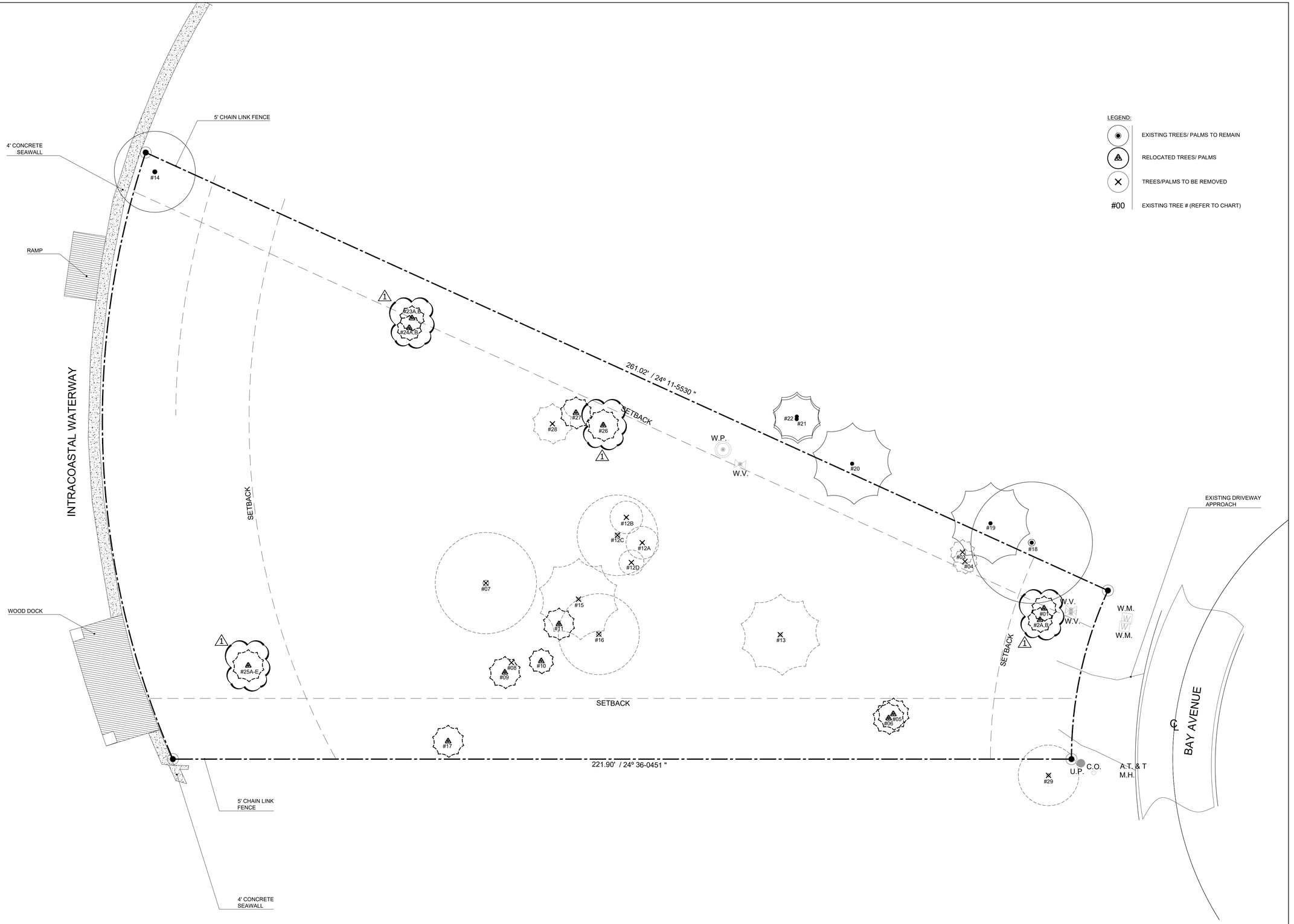
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L-000



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DRAWING TITLE:

TREE DISPOSITION PLAN

REVISIONS:

ISSUE:	DATE:
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CAP 2 (1)	07/07/2020

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L-100

TREE DISPOSITION SCHEDULE

	SYM	SCIENTIFIC NAME	COMMON NAME	DBH (in)	HEIGHT (ft)	SPREAD (ft)	CONDITION	DISPOSITION	SPECIMEN?	EXEMPT?
	1	*Phoenix roebelinii*	Pygmy Date Palm	3	10	6	GOOD	RELOCATE		YES
1	2A	*Phoenix roebelinii*	Pygmy Date Palm	4	8	6	GOOD	RELOCATE		YES
	2B	*Phoenix roebelinii*	Pygmy Date Palm	2	6	6	FAIR	RELOCATE		YES
	3	*Phoenix roebelinii*	Pygmy Date Palm	3	8	6	GOOD	REMOVE		YES
	4	*Phoenix roebelinii*	Pygmy Date Palm	4	8	6	GOOD	REMOVE		YES
	5	*Phoenix roebelinii*	Pygmy Date Palm	4	10	8	GOOD	RELOCATE		YES
	6	*Phoenix roebelinii*	Pygmy Date Palm	4	8	8	GOOD	RELOCATE		YES
	7	*Mangifera indica*	Mango	12	30	25	GOOD	REMOVE	YES	
	8	*Veitchia arecina*	Montgomery Palm	4	18	5	DEAD	REMOVE		
	9	*Veitchia arecina*	Montgomery Palm	6	20	8	GOOD	RELOCATE		
	10	*Phoenix roebelinii*	Pygmy Date Palm	3	10	6	GOOD	RELOCATE		
	11	*Phoenix roebelinii*	Pygmy Date Palm	5	20	8	GOOD	RELOCATE		
	12A	*Carica papaya*	Papaya	4	15	8	GOOD	REMOVE		
	12B	*Carica papaya*	Papaya	3	25	8	FAIR	REMOVE		
	12C	*Carica papaya*	Papaya	9	25	20	GOOD	REMOVE		
	12D	*Senna surattensis*	Glaucus Casia	4	10	6	VERY POOR	REMOVE		
	13	*Phoenix canariensis*	Canary Island Date Palm	36	25	20	GOOD	REMOVE	YES	
	14	*Coccoloba uvifera*	Sea Grape	21	25	20	GOOD	REMAIN	YES	
	15	*Dypsis lutescens*	Areca Palm	CLUSTER	30	20	GOOD	REMOVE	YES	
	16	*Conocarpus erectus var. sericeus*	Silver Buttonwood	13	20	20	POOR	REMOVE	YES	
	17	*Veitchia arecina*	Montgomery Palm	4	25	8	GOOD	RELOCATE		
*	19	*Mangifera indica*	Mango	20	25	30	GOOD	REMAIN	YES	YES*
*	19	*Cocos nucifera*	Coconut Palm	11	25	20	GOOD	REMAIN		YES*
*	20	*Cocos nucifera*	Coconut Palm	11	20	20	GOOD	REMAIN		YES*
*	21	*Veitchia arecina*	Montgomery Palm	6	30	12	GOOD	REMAIN		YES*
*	22	*Veitchia arecina*	Montgomery Palm	6	20	12	GOOD	REMAIN		YES*
	23A	*Phoenix roebelinii*	Pygmy Date Palm	4	9	6	GOOD	RELOCATE		YES
	23B	*Phoenix roebelinii*	Pygmy Date Palm	4	9	6	GOOD	RELOCATE		YES
	24A	*Phoenix roebelinii*	Pygmy Date Palm	4	9	6	GOOD	RELOCATE		YES
	24B	*Phoenix roebelinii*	Pygmy Date Palm	4	9	6	GOOD	RELOCATE		YES
1	25A	*Phoenix roebelinii*	Pygmy Date Palm	4	5	8	GOOD	RELOCATE		YES
1	25B	*Phoenix roebelinii*	Pygmy Date Palm	4	5	8	GOOD	RELOCATE		YES
	25C	*Phoenix roebelinii*	Pygmy Date Palm	4	8	8	GOOD	RELOCATE		YES
	25D	*Phoenix roebelinii*	Pygmy Date Palm	4	10	8	GOOD	RELOCATE		YES
	25E	*Phoenix roebelinii*	Pygmy Date Palm	4	10	8	GOOD	RELOCATE		YES
	26	*Phoenix roebelinii*	Pygmy Date Palm	4	9	8	GOOD	RELOCATE		YES
	27	*Phoenix roebelinii*	Pygmy Date Palm	4	9	8	GOOD	RELOCATE		YES
	28	*Dypsis lutescens*	Areca Palm	CLUSTER	10	10	GOOD	REMOVE		YES
1*	29	*Ficus benjamina*	Weeping Fig	8	30	15	NON-VIABLE	REMOVE		

Tree numbers followed by an asterisk are located offsite, abutting the property

TREE REMOVAL SCHEDULE

SYM	SCIENTIFIC NAME	COMMON NAME	DBH (in)	HEIGHT (ft)	SPREAD (ft)	CONDITION	DISPOSITION	TOTAL DBH REMOVED	TOTAL PALMS REMOVED
3	*Phoenix roebelinii*	Pygmy Date Palm	3	8	6	GOOD	REMOVE	N/A	
4	*Phoenix roebelinii*	Pygmy Date Palm	4	8	6	GOOD	REMOVE	N/A	
7	*Mangifera indica*	Mango	12	30	25	GOOD	REMOVE	12	
8	*Veitchia arecina*	Montgomery Palm	4	18	5	DEAD	REMOVE	N/A	
12A	*Carica papaya*	Papaya	4	15	8	GOOD	REMOVE	N/A	
12B	*Carica papaya*	Papaya	3	25	8	FAIR	REMOVE	N/A	
12C	*Carica papaya*	Papaya	9	25	20	GOOD	REMOVE	N/A	
12D	*Senna surattensis*	Glaucus Casia	4	10	6	VERY POOR	REMOVE	4	
13	*Phoenix canariensis*	Canary Island Date Palm	36	25	20	GOOD	REMOVE		1
15	*Dypsis lutescens*	Areca Palm	CLUSTER	30	20	GOOD	REMOVE		N/A
16	*Conocarpus erectus var. sericeus*	Silver Buttonwood	13	20	20	POOR	REMOVE	13	
28	*Dypsis lutescens*	Areca Palm	CLUSTER	10	10	GOOD	REMOVE		N/A
							TOTAL	**29**	**1**

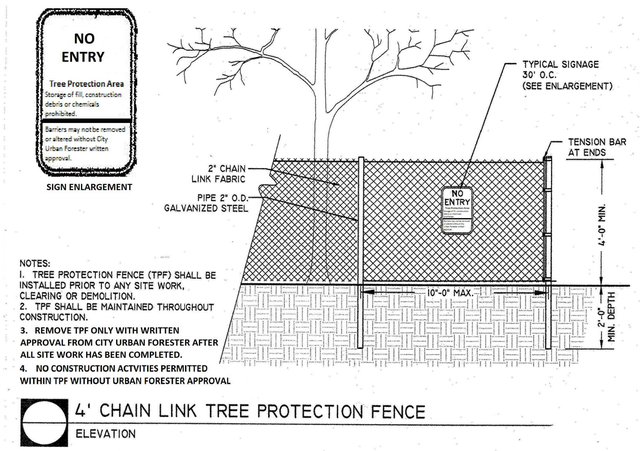
CITY CALCULATION:
29" TOTAL DBH FOR THE REMOVAL OF 03 TREES, EQUIVALENT TO:
10 REPLACEMENT TREES (MIN. 2" CALIPER, 6' CANOPY, 12' HT), OR
05 REPLACEMENT TREES (MIN. 4" CALIPER, 8' CANOPY, 16' HT)
03 TREES MUST BE NATIVES MIN. 10' HT AND 1.5" DBH (30% OF 14' REPLACEMENT TREES)
AND (+)
01 TOTAL FOR THE REMOVAL OF 01 PALM, EQUIVALENT TO:
01 REPLACEMENT TREE (MIN. 2" CALIPER, 6' CANOPY, 12' HT)

THE CODE (NEW ORDINANCE) IS BEING MET BY USING:
03 TREES (MIN. 4" CALIPER, 8' CANOPY, 16' HT)
05 TREES (MIN. 2" CALIPER, 8' CANOPY, 12' HT)

TREES USED FOR MITIGATION

Symbol	Qty	Scientific name	Common name	Native	Notes
CE	3	*Conocarpus erectus*	GREEN BUTTONWOOD	Y	minimum 16' HT; 4" DBH; 8' SPREAD
CD	5	*Coccoloba diversifolia*	PIGEON PLUM	Y	minimum 12' HT; 3" DBH; 6' SPREAD

EQUIVALENT TO 08 TREES USED FOR MITIGATION DIVIDED IN 2 SPECIES



4' CHAIN LINK TREE PROTECTION FENCE
ELEVATION

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TREE DISPOSITION AND MITIGATION SCHEDULE

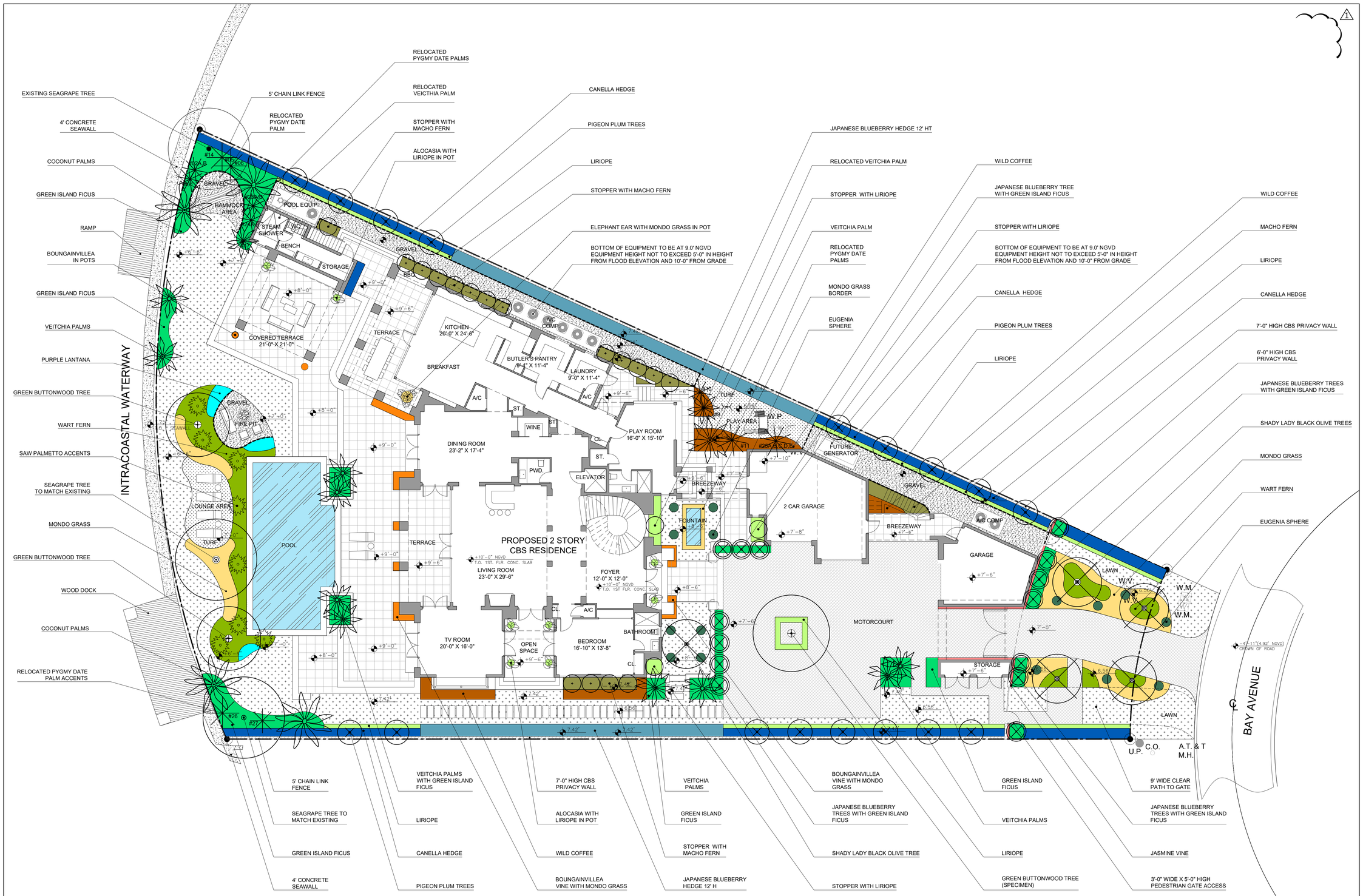
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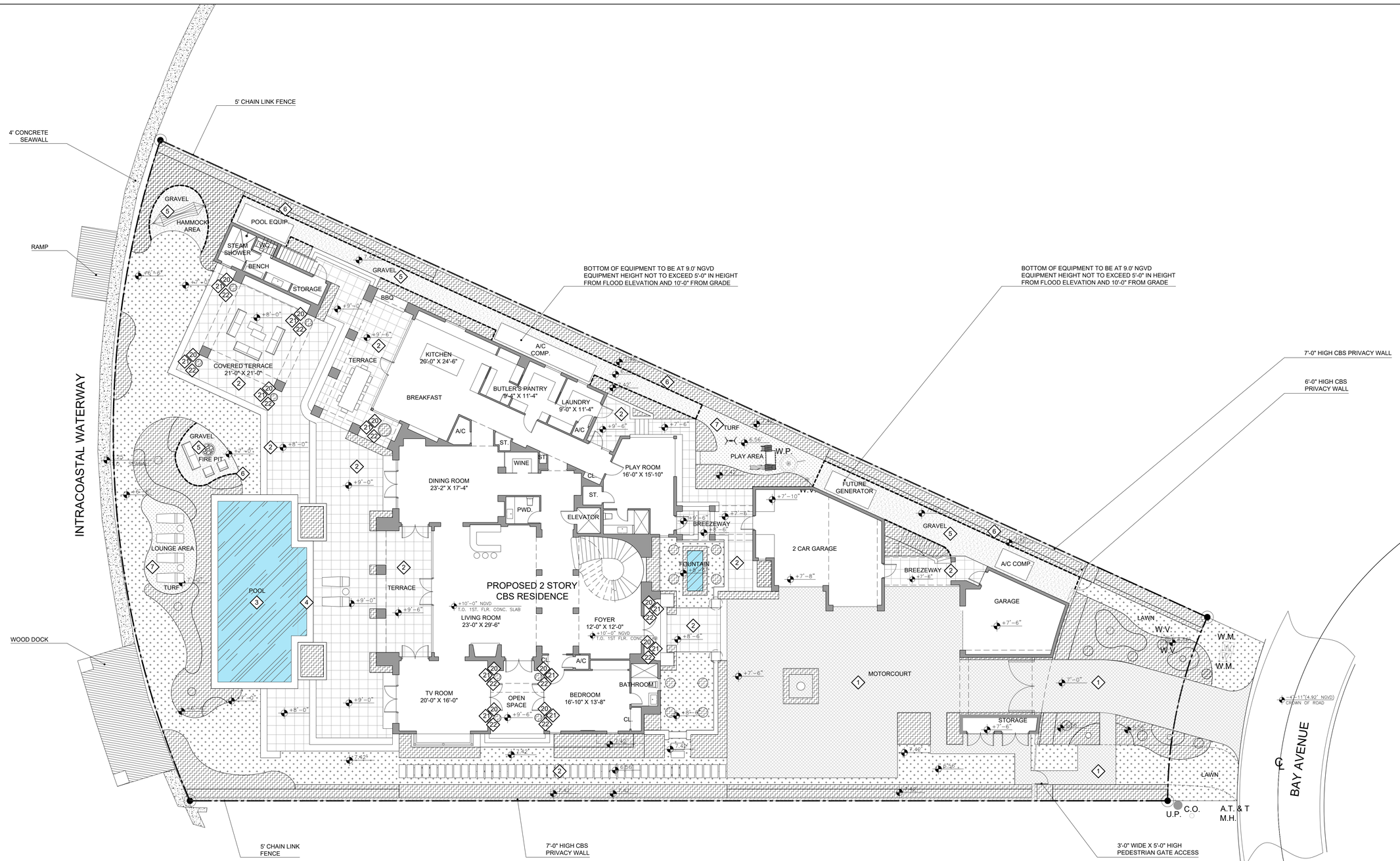
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HARDSCAPE LEGEND:

1 DRIVEWAY PERMEABLE PAVER



2 TILE - SHEEL REEF



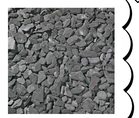
3 POOL FINISH - FINISH PEBBLESHEEN WITH GLASS



4 POOL FINISH - WATERLINE GLASSTINTS TILE



5 AGGREGATE PAVING



6 LANDSCAPE EDGING



7 SYNTHETIC LAWN



20 POTS - CLAD



21 METAL TRAYS



22 PEBBLES



0 5 10 20

Scale: 3/32" = 1'-0"

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HARDSCAPE PLAN

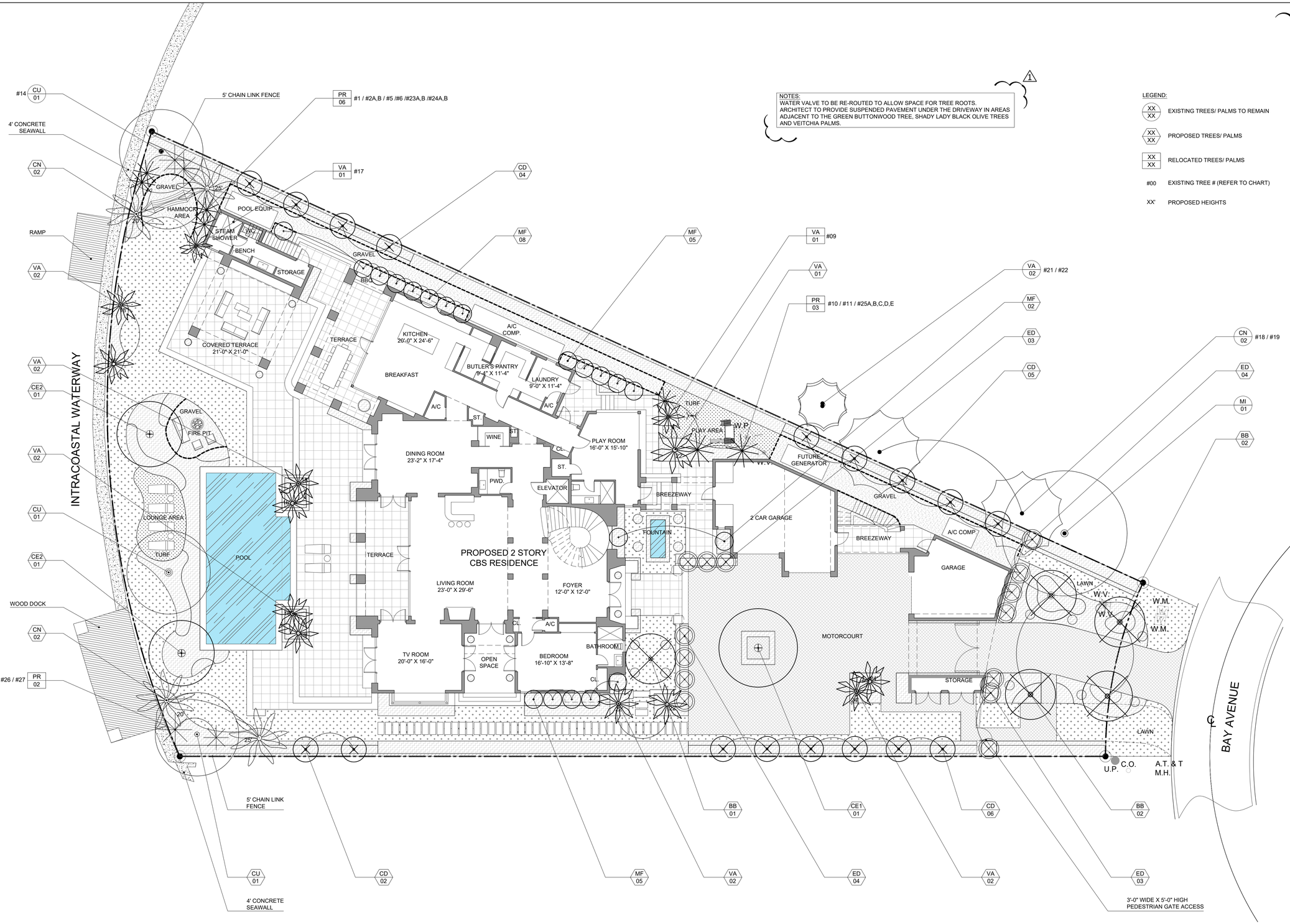
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SCALE:

PROJ NO: 2011
SHEET NO:

L-201



0 5 10 20

Scale: 3/32" = 1'-0"

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CANOPY PLAN

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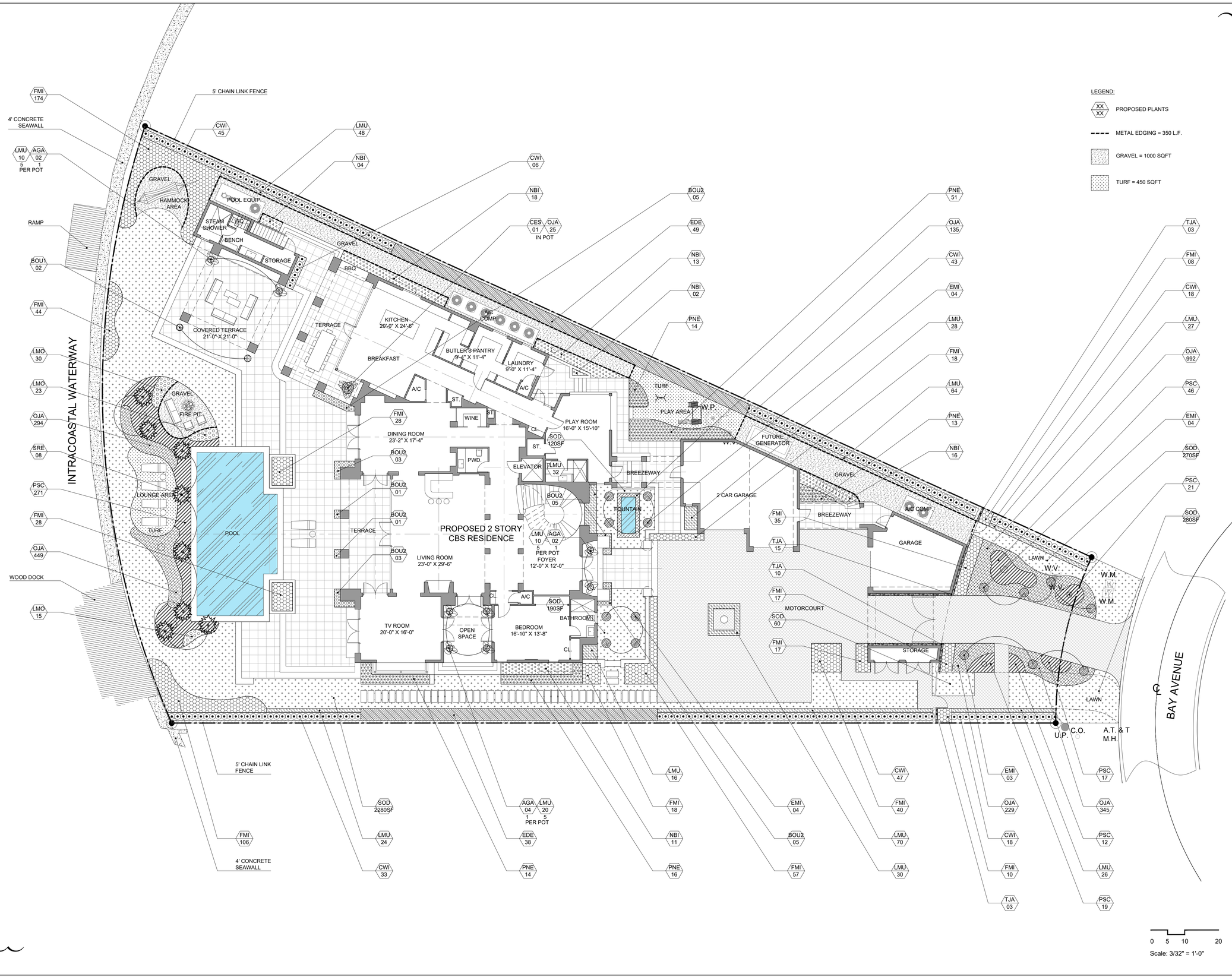
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DRAWING TITLE:

UNDERSTORY PLAN

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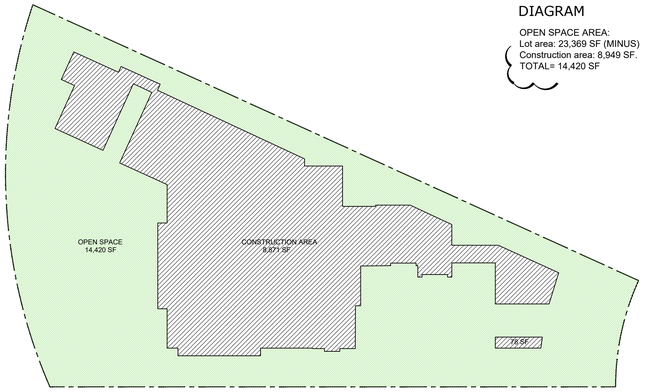
SHEET NO:

L.501

DIAGRAM

1

OPEN SPACE AREA:
Lot area: 23,369 SF (MINUS)
Construction area: 8,949 SF.
TOTAL= 14,420 SF



LOCATION MAP



1

LANDSCAPE SCHEDULE

SYMBOL	QTY	PROPOSED MATERIAL	DESCRIPTION AND NOTES	NATIVE
		TREES		
CU	2	*Coccoloba uvifera*	25' HT, 20' SP (TO MATCH EXISTING)	Y
		SEAGRAPE	FG	
BB	5	*Bucida buceras 'Shady lady'*	16' HT, 12' SP, 4-6" DBH MIN.	N
		SHADY LADY BLACK OLIVE	FG	
CE1	1	*Conocarpus erectus*	24' HT, 18' SP, 12" DBH, COLLECTED SPECIES	Y
		GREEN BUTTONWOOD	FG	
CE2	2	*Conocarpus erectus*	18' HT, 14-16' SP, 8" DBH	Y
		GREEN BUTTONWOOD	FG	
CD	17	*Coccoloba diversifolia*	14' HT, 6' SP, 4" DBH	Y
		PIGEON PLUM	FG	
		PALMS		
CN	4	*Cocos nucifera*	25' HT (2) 20' HT (2),12' SP	N
		COCONUT PALM	FG	
VA	11	*Veitchia arecina*	24' HT (2) 22' HT (3) 20' HT (3) 18' HT (3), 8' SP	N
		MONTGOMERY PALM	FG	
		SMALL TREES/TALL SHURBS		
ED	14	*Elaeocarpus decipiens*	12' HT, 6' SP, CONE SHAPE, 4" DBH	N
		JAPANESE BLUEBERRY	FG	
MF	20	*Myrcianthes fragrans*	12' HT, 4-6' SP, MULTI TRUNK	Y
		SIMPSON STOPPER	100G	
		SHURBS		
EDE	87	*Elaeocarpus decipiens*	8' HT, 30" SP, 24" O.C., FULL, TIGHT	N
		JAPANESE BLUEBERRY	25G	
CWI	210	*Canella winterana*	6' HT, 2' SP, 18" O.C, FULL	Y
		CINNAMON BARK	15G	
NBI	64	*Nephrolepis biserrata 'Macho'*	2' HT, 20" O.C	Y
		MACHO FERN	3G	
PSC	386	*Phymatosorus scolopendria*	15" HT, 15" O.C	N
		WART FERN	3G	
PNE	108	*Psychotria nervosa 'Little Psycho'*	2' HT, 18" O.C	Y
		DWARF WILD COFFEE	7G	
		ACCENTS		
SRE	8	*Serenoa repens*	3' HT	Y
		SILVER SAW PALMETTO	15G	
EMI	15	*Eugenia myrtifolia 'nana'*	18" HT	N
		EUGENIA SPHERE	5G	
CES	1	*Colocasia esculenta*	4' HT, IN POT	N
		ELEPHANT EAR	7G	
AGA	8	*Alocasia gagaena California*	3' HT, IN POT	N
		ALOCASIA CALIFORNIA	7G	
BOU1	2	*Bougainvillea ssp.*	3' HT, BONSAI	N
		ORANGE BOUGAINVILLEA	7G	
		GROUNDCOVERS		
FMI	600	*Ficus microcarpa 'Green Island'*	12-18" HT, FULL, 15" O.C	N
		GREEN ISLAND FICUS	7G	
LMO	68	*Lantana montevidensis 'purple'*	12" HT, 12" O.C.	N
		PURPLE LANTANA	5G	
LMU	405	*Liriope muscari*	12" HT, 12" O.C	N
		LIRIOPE	1G	
OJA	2,469	*Ophiopogon japonicus*	4" HT, 6" O.C	N
		MONDO GRASS	1G	
		VINES		
BOU2	23	*Bougainvillea ssp.*	5-6' HT, TRELLIS	N
		ORANGE BOUGAINVILLEA	15G	
TJA	31	*Trachelospermum jasminoides*	5-6' HT, TRELLIS	N
		JASMINE VINE	15G	
		SOD		
SOD	3,200SF	*Zoysia ssp.*	STAGGERED AND BUTTED JOINTS	N
		GEO ZOYSIA		

1

CITY OF MIAMI BEACH
LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Zoning District RS-3 Lot Area 23,369 SQFT Acres 0.53

	REQUIRED/ ALLOWED	PROVIDED
OPEN SPACE		
A. Square feet of required Open Space as indicated on site plan: Lot Area = 23,369 s.f.x 50 % = 11,685 s.f.	11,685	14,420
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces N/A x 10 s.f. parking space =	N/A	N/A
C. Total square feet of landscaped open space required: A+B=	11,685	14,420*
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	11,685	14,420
B. Maximum lawn area (sod) permitted= 50 % x 11,639 s.f.	5,819	3,200
TREES		
A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= 5 trees + 18 net lot acres (23 TOTAL) - number of existing trees 1 =	22	27
B. % Natives required: Number of trees provided x 30% =	9	22
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	14	22
D. Street Trees (maximum average spacing of 20' o.c.) 43' linear feet along street divided by 20'=	2	2
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): N/A linear feet along street divided by 20'=	N/A	N/A
SHRUBS		
A. Number of shrubs required: Sum of lot and street trees required x 12=	264	473
B. % Native shrubs required: Number of shrubs provided x 50%=	237	274
LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shrubs x 10%=	27	34
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	17	20

NOTE: STOPPER AND JAPANESE BLUEBERRY TREES TO COUNT AS SMALL TREES
* SEE THE DIAGRAM ABOVE

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PLANTING SCHEDULE AND LANDSCAPE LEGEND

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