

















SUNSET PARK | 1759 PURDY AVENUE | MIAMI BEACH, FLORIDA

SUNSET PARK FINAL PB CAP SUBMITTAL - AUGUST 24, 2018

CLIENT / PROPERTY INFORMATION

PROPERTY ADDRESS SUNSET PARK 1759 PURDY AVENUE MIAMI BEACH, FL 33139

EXISTING VEGETATION SUMMARY

The existing vegetation located on the property is composed primarily of invasive alexander palms, small trees and palms. No specimen trees are proposed to be removed as part of this development project. Please see sheets L1.0 for additional information

SCOPE OF WORK

- New streetscape designs to be provided for multi-use Sunset Park building + condominiums along Bay Road and Purdy Avenue.
 Upper level gardens will be provided with raised planters.

INDEX OF SHEETS

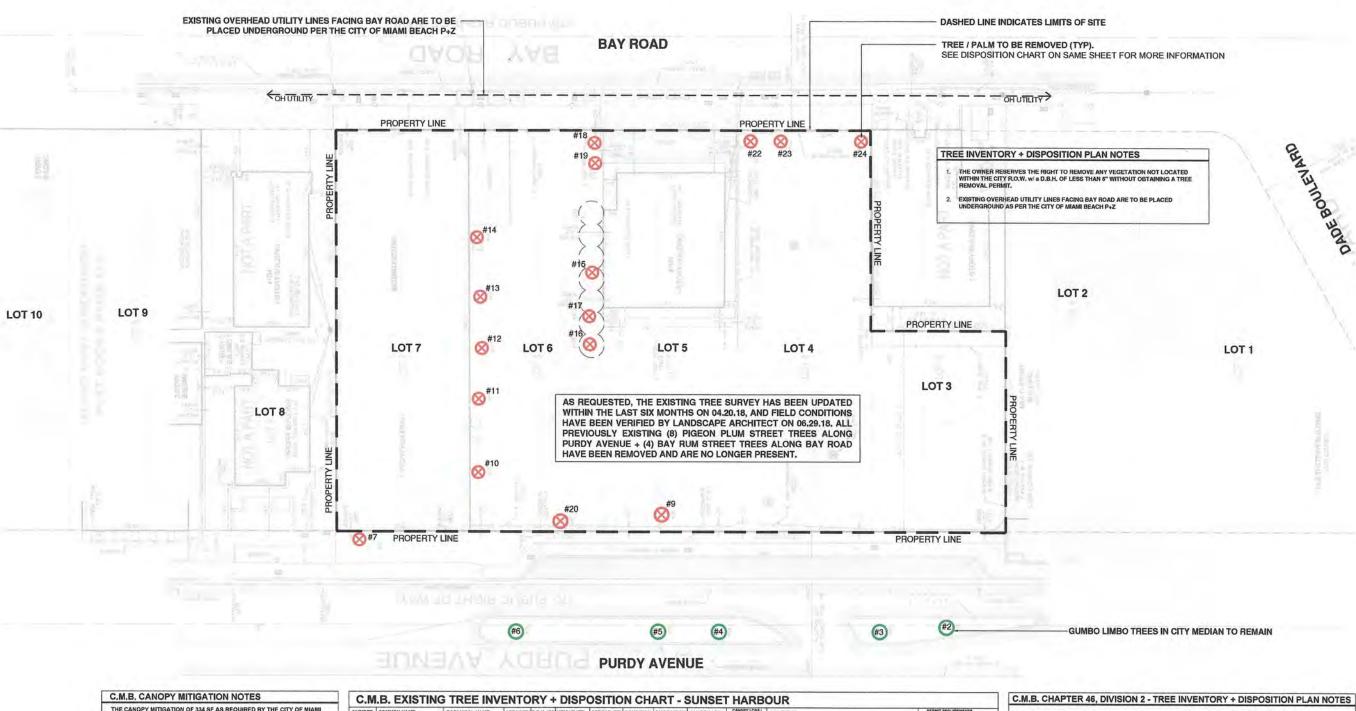
- L0.0 Landscape Cover Page + Sheet Index
 L1.0 Existing Tree Survey + Disposition Plan
 L1.1 Existing Vegetation Context Images
 L2.0 Ground Level Landscape Plan
 L2.1 Third Level Landscape Plan
 L2.2 Fourth Level Landscape Plan
 L2.3 Fifth Level Landscape Plan
 L2.4 Roof Deck Landscape Plan
 L2.5 Landscape Legend, Plant List, Landscape Notes + Details
 L3.0 Plant Material Images: Trees + Palms
 L3.1 Plant Material Images: Shrubs, Accents + Groundcovers

B SILVA CELL OR APPROVED EQUAL TO BE INSTALLED UNDER THE HARDSCAPE AREAS ADJACENT TO ALL PROPOSED CANOPY SHADE TREES

C AUTOMATIC BOLLARDS

CHRISTOPHER CAWLEY CAMLEY CANDSCAPE ARCHITECTURE LLC LANDSCAPE ARCHITECTURE LLC LANDSCAPE Florida Landscape Architecture Business LC 26000460 750 NE 691h Street I Sulte 1106 I Miami. FL 33138 T 305,979,1585 | www.christophercawley.com

BEACH, FLORIDA SUNSET PARK
1759 PURDY AVENUE, MIAMI



THE CANOPY MITIGATION OF 334 SF AS REQUIRED BY THE CITY OF MIAMI BEACH, CHAPTER 48 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION and PROTECTION ORDINANCE HAS BEEN MET AND EXCEEDED. A TOTAL 7,300 SI PROTECTION ORDINANCE HAS BE OF CANOPY HAS BEEN PROVIDED.

CANOPY MITIGATION SUMMARY

- (18) NATIVE GUMBO LIMBO TREES: 5,400 SF (MB category I @ 300 SF each)
- (1) NATIVE CLUSIA ROSEA TREES: 300 SF (MB category I @ 300 SF each)
- (3) NATIVE SIMPSON'S STOPPER TREE: 300 SF (MB category II @ 100 SF each)
- (8) NATIVE SPANISH STOPPER TREES: 500 SF (M6 category III @ 100 SF each)
- (5) PRIVET TREES: 500 SF (MB category III @ 100 SF each)

BOTANICAL NAME SPECIMEN D.B.H. (IN) HEIGHT (FT) SPREAD (FT) CONDITION DISPOSITION CANOPY AREA P+Z - GPM / PW - N.A. #2 Gumbo Limbo Trees YES +/-12" +/-15 +/-12 GOOD REMAIN #3 Gumbo Limbo Trees YES +/-12" +/-15" +/-14" GOOD REMAIN Bursera simaruba #4 Gumbo Limbo Trees YES +/-14" +/-15" +/-12 GOOD REMAIN OSF PRESERVE + PROTEC #5 Gumbo Limbo Trees NO +/-9" +/-15" +/-10" GOOD REMAIN OSF PRESERVE + PROTECT #8 Gumbo Limbo Trees YES +/- 14" +/- 15' +/- 12' GOOD REMAIN OSF PRESERVE + PROTEC NO +/-4" +/-12 +/-12 FAIR REMOVE 89 Washington Palm NO +/- 6" +/- 5' +/- 5' FAIR REMOVE #10 Alexander Palms Ptychosperma elegans NO +/- 4* +/- 18' +/- 10' GCOD REMOVE DSF IN CONFLICT WITH SITE DESIGN, UNER 6" NO MITIGATION REQ. N/A - NO PERMIT REQUIRED #11 Alexander Palm Psychosperma elegans NO +/-4" +/-20" +/-10" GCCC REMOVE D SF IN CONFLICT WITH SITE DESIGN, UNER 5" NO MITIGATION REQ. N/A - NO PERMIT REQU #12 Alexander Pair NO +/-4" +/-18" +/-10" GCOD REMOVE #13 Alexander Pain NO +/-4" +/-15" +/-10 GOOD REMOVE 0 SF IN CONFLICT WITH SITE DESIGN. UNER 6" NO MITIGATION REQ. NIA - NO PERMIT REQU NO +/-4" +/-20' +/-10' GOOD REMOVE #14 Alexander Pair 0 SF IN CONFLICT WITH SITE DESIGN, UNER 5" NO MITIGATION REQ. N/A - NO PERMIT REQUIRED #16 Areca Palm Cluste NO +/-4" +/-15 +/-12 FAIR REMOVE 0 SF IN CONFLICT WITH SITE DESIGN. UNER 6" NO MITIGATION REQ. N/A - NO PERMIT REQUIRED #16 Wild Tamarind Tree NO +/-4" +/-5" FAIR REMOVE #17 Wild Tamarind Tree NO +/-8" +/-25" +/-20" FAIR 314 SF IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED #18 Wild Tamarind Tree NO +/-6" +/-6" FAIR REMOVE D SF IN CONFLICT WITH SITE DESIGN, UNER 6" NO MITIGATION REQ. N/A NO +/-4" +/-8' +/-6' FAIR REMOVE DISF IN CONFLICT WITH SITE DESIGN, UNER 6" NO MITIGATION REQ. N/A D SF IN CONFLICT WITH SITE DESIGN, UNER 6" NO MITIGATION REQ. N/A #20 Wild Temerind Tree NO +/-4" +/-8' +/-10' FAIR REMOVE Lysiloma latistiqua #22 Green Buttonwood Tree NO +/-3" +/-5" FAIR REMAIN 0 SF IN CONFLICT WITH SITE DESIGN, UNER 6" NO MITIGATION REQ. NIA NO +/-3* +/-6' +/-5' POOR REMAIN NO +/-3* +/-8' +/-5' FAIR REMOVE DISF IN CONFLICT WITH SITE DESIGN, UNER 6" NO MITIGATION REQ. N/A 0 SF IN CONFLICT WITH SITE DESIGN, UNER 6" NO MITIGATION REQ. N/A NO +/-3" +/-5" +/-5" FAIR REMOVE TOTAL MITIGATION REQUIRED: 334 SF TOTAL MITIGATION PROVIDED: 7,300 SF

- 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 FORTIN, LEAVY, SKILES INC. DATED 04.20.18
- . THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 06.29.18
- . MIAMI BEACH P-Z MUST APPROVE LANDSCAPE PLANS PRIOR TO REMOVING ANY TREES OR PALMS WITH A DBH BETWEEN 6" AND 12" INCHES. A WRITTEN TREE REMOVAL PERMIT IS REQUIRED FROM CITY OF MIAMI BEACH GREENSPACE MANAGEMENT / P.W FOR THE REMOVAL OF TREES / PALMS WITH A DBH GREATER THAN 12" INCHES OR IN THE R.O.W.
- 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.

C.M.B. EXISTING TREE SURVEY LEGEND

TREE or PALM TO BE REMOVED, SEE CHART SAME SHEET

TREE TO REMAIN. PRESERVE + PROTECT

EXISTING TREE SURVEY + DISPOSITION PLAN



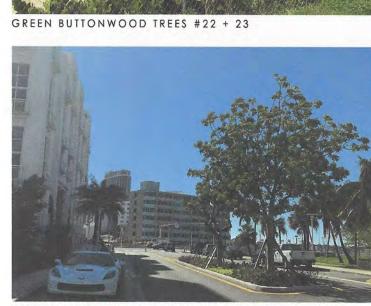
CHRISTOPHER CAWLEY | CC LANDSCAPE ARCHITECTURE LLC | LA Florida Landscape Architecture Business LC 28000480 780 NE 68th Street | Sulte 1106 | Miami, FL 33138 T 305.979.1585 | www.christophercawley.com

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GUMBO LIMBO TREES IN MEDIAN ON PURDY AVENUE





GUMBO LIMBO TREES IN MEDIAN ON PURDY AVENUE







GREEN BUTTONWOOD TREE #7

SUNSET PARK
1759 PURDY AVENUE, MIAMI BEACH, FLORIDA

PURDY AVENUE

LANDSCAPE PLAN LEGEND

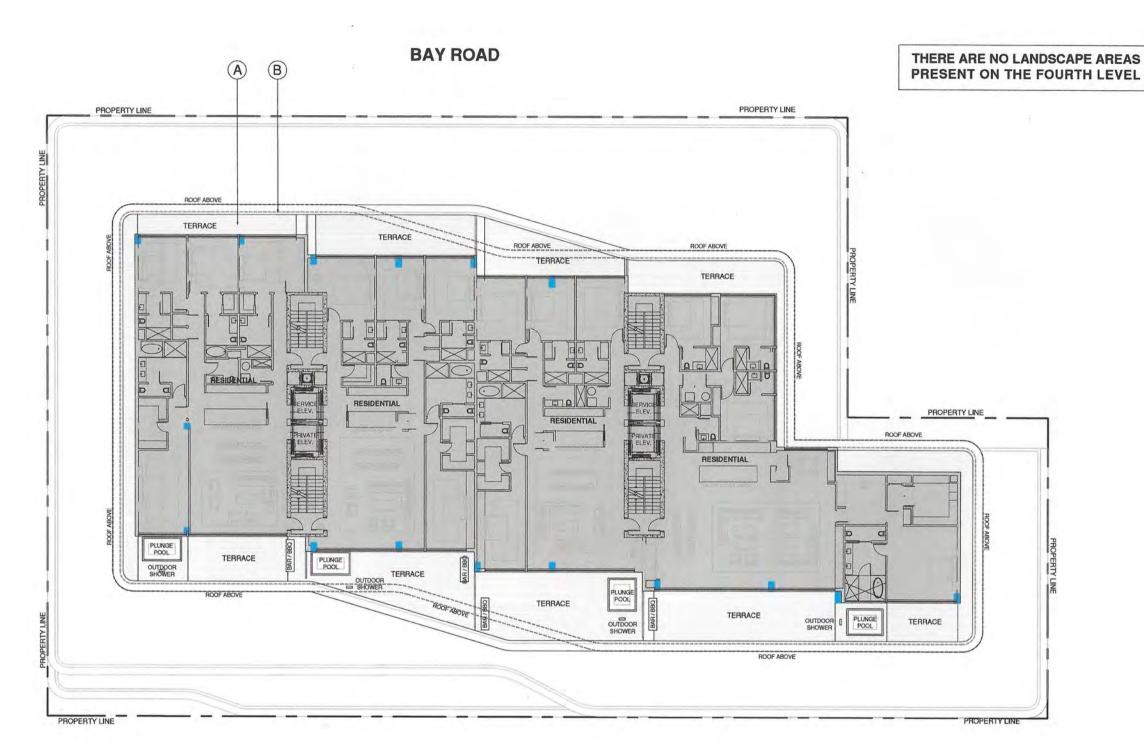
- A MATERIAL TO BE SELECTED
- B 42" HEIGHT PARAPET WALL, REFER TO ARCHITECTURE
- C PLANTER REFER TO ARCHITECTURE FOR MORE INFORMATION

THIRD LEVEL LANDSCAPE PLAN



SUNSET PARK

SHEET NO



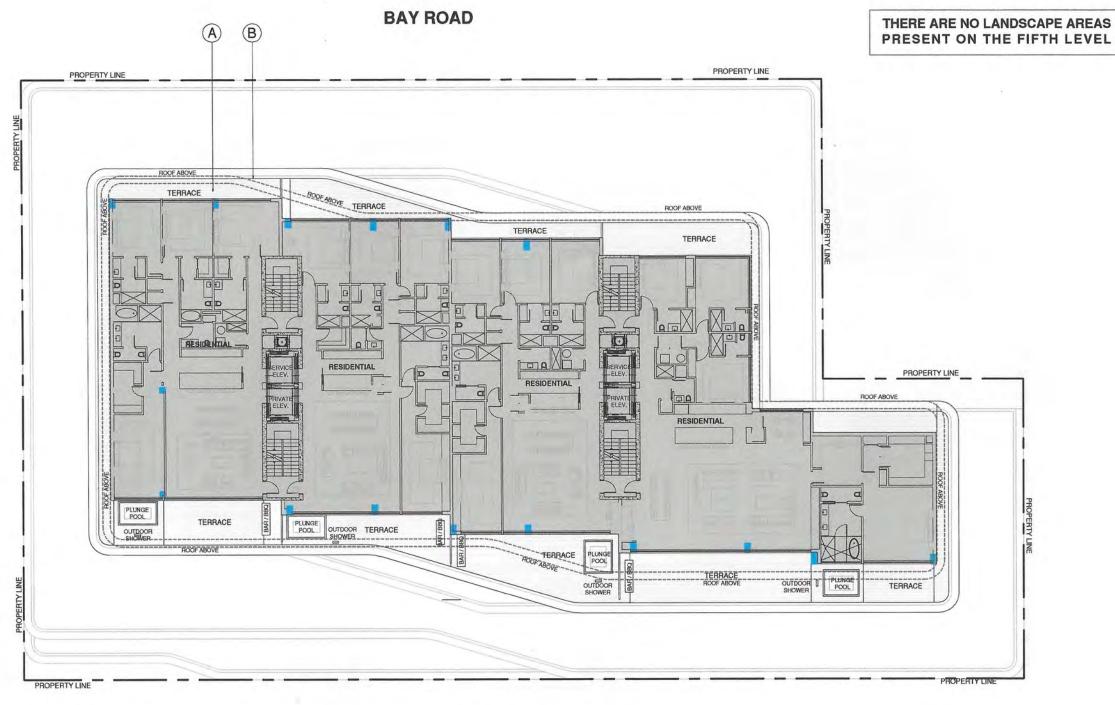
PURDY AVENUE

LANDSCAPE PLAN LEGEND

- A MATERIAL TO BE SELECTED

FOURTH LEVEL LANDSCAPE PLAN

DATE 08.24.2018

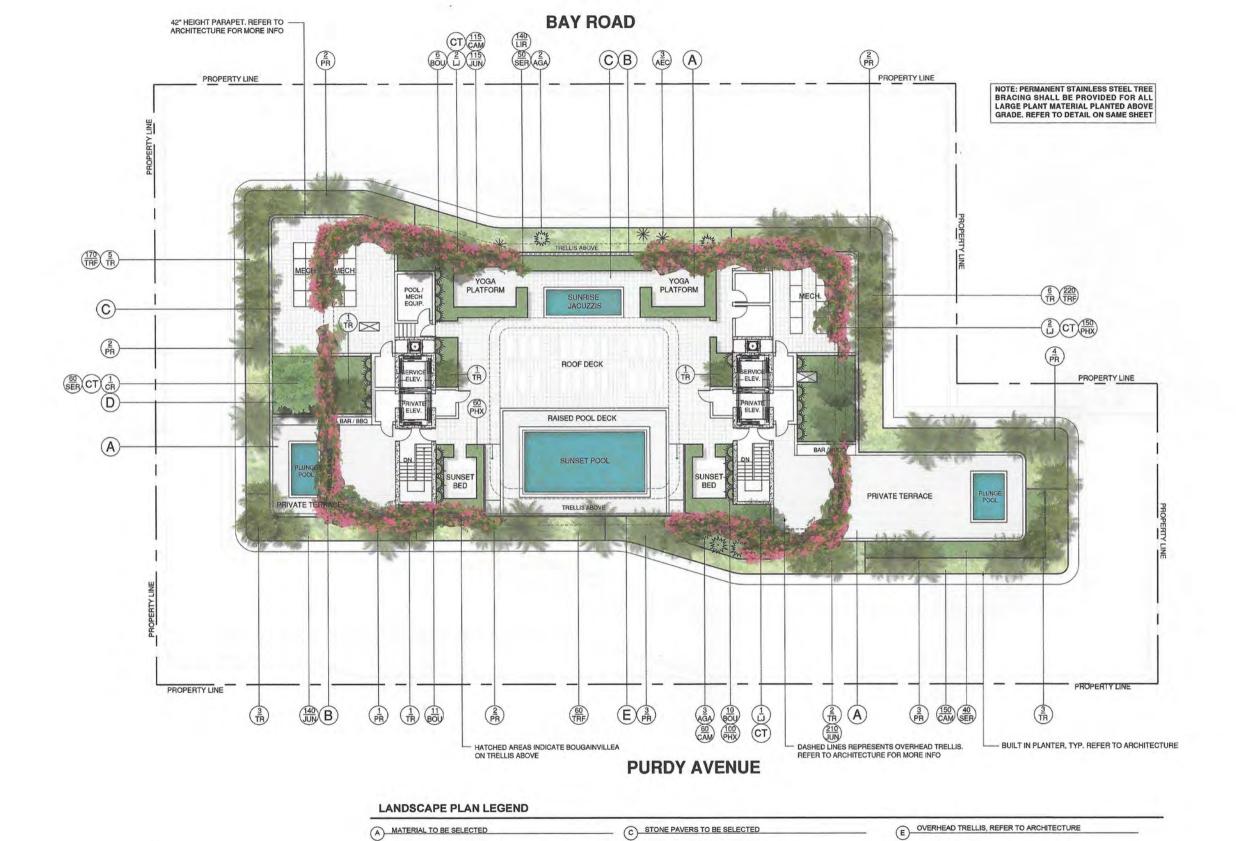


PURDY AVENUE

LANDSCAPE PLAN LEGEND

SUNSET PARK
1759 PURDY AVENUE, MIAMI BEACH, FLORIDA





C STONE PAVERS TO BE SELECTED

D RAISED PLANTER, REFER TO ARCHITECTURE

CT CODE TREE

A MATERIAL TO BE SELECTED

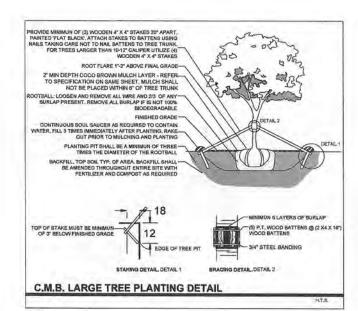
B 42" HEIGHT PARAPET WALL, REFER TO ARCHITECTURE

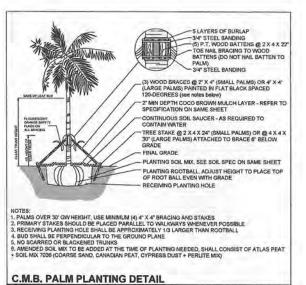
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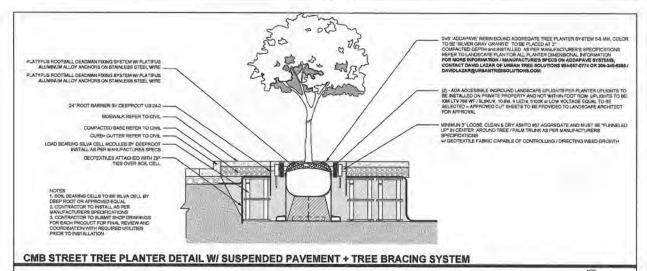
SUNSET PARK

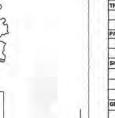
SHEET NO

DATE 08.24.2018









)7	A TEXT AND I	
PLANTER SEE ARCH PLANS -		-40			
TYPUS PROTBALLEYEBOLT FIXING SYSTEM W/ PLATIMAT PROTBALL PROTECTION MESH — OF APPROYED EQUAL		\rightarrow F			
PLANTING MEDIUM — WATER PROOFING BY OTHERS —			1		
XPANDING EYE BOLTS WITH STAINLESS STEEL — WIRE TWO WAY FATCHET TENSIONER WITH STAINLESS STEEL WIFE	1		1		_
	+				
	1				

TREE / PALM PERMANENT BRACING IN PLANTER DETAIL

KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
CR	1	YES	PITCH APPLE TREE	Clusia rosea	100 gallon, 12' ht, 6-8' spread, 3' dbh, multi, equal to Treeworld
LJ.	5	NO	JAPANESE PRIVET TREE	Ligustrum lucidum	12' ht min x 8-10' spread, multi trunk, limbed up for bonsal effec
PALMS					
PR	19	NO	PYGMY DATE PALM	Phoenix rosbellini	25 gallon, 6' min oah, 4' min spr. full, multi
TR	23	YES	THATCH PALM	Thrinex radiata	25 gallon, 6' min oah, 4' min sor, boots on, trunks as shown, ful
SHRUBS					
BOU	as reg	NO	BOUGAINVILLEA BARBARA KARST	Same	25 gallon, 6' height, trellis
JUN	485	HO	SHORE JUNIPER	Juniperus conferta	3 gallion, full, space 16" on center, double staggered rows
SER	150	YES	SILVER SAW PALMETTO	Serenoa repens 'Cinerea'	7 gallon, full, space 30" on center
GROUND	COVERS,	TROPICA	LS + ACCENTS		
AEC	as req	NO	BROMELIAD	Aechmea app.	7 gallon, 36" height x 36" spread, full, sun grown
AGA	as req	NO	BLUE AGAVE	Agave americana 'Blue'	15 gallon, 36" - 42" ht x spread, full
CAM	as req	NO	NATAL PLUM	Cárissa macrocarpa	3 gallon, full, 18" on center, double staggered rows.
PHX	as req	NO	PHILODENDRON 'XANADU'	Same	3 gallon, full, 18" on center
TRF	as reg	YES	DWARF FAKAHATCHEE GRASS	Tripsacum foridana	3 gallon, full, 24" on center, double staggered rows

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
- 3. TREE, PALM, ACCENT AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO
- 4. IRRIGATION SHALL PROVIDE FOR A 100% COVERAGE WITH 50% OVERLAP MINIMUM AND BE PROVIDED BY A FULLY AUTOMATIC IRRIGATION SYSTEM WI RAIN MOISTURE SENSOR ATTACHED TO CONTROLLER. ALL FLORIDA BUILDING CODE APPENDIX TO IRRIGATION REQUIREMENTS SHALL BE STRICTLY ADDRESSED TO INSTALLATION AND PREVAILING WATER MANAGEMENT DISTRICT RESTRICTIONS AND REGULATIONS SHALL BE IN COMPULANCE 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.
- ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE-YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.
- 6. ALL TREES AND PALMS SHALL BE STAXED 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 RESURE THAT THE PLANS, DETAILS, SPECIFICATIONS AND NOTES HAVE BEEN ADHERED TO AND THAT THE LANDSCAPE AND IRRIGATION INSTALLATION IS COMPLIANT TO ALL TIEMS AS DIRECTED ON THE PLANS PRIOR TO SCHEDULING OF THE FINAL INSPECTION, CONTRACTOR SHALL REMOVE ALL STAKES, POLES, WELLINGTON TAPE AND OR BRACING MATERIALS FROM ALL PALMS, TREES AND SHRUBS WITHIN 1 YEAR OF INSTALLATION.
- 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 APPROVAL EQUAL.
- MULCH SHALL NOT BE APPLIED WITHIN 6" OF ANY TREE OR PALM TRUNK THAT IS INSTALLED OR INCORPORATED INTO THE PROJECT.

LANDSCAPE MIAMI BEACH LANDSCA	LEGEND PE ORDINANCE CHAPTER 26 (CA	T-3)	
ZONING: CD-2	LOT SIZE: 30,000 SF	ACRES: .69	
TREES	n 4 none 11 no nige (A) hai ne 1		

22 TREES REQUIRED PER ACRE / LOT SIZE: 30.000 SF / .89 ACRES
22 x. 69 = 15.18 TREES = 16 TREES REQUIRED. 15 TREES PROVIDED
(6 NATIVE SPANISH STOPPER TREES, 1 NATIVE SIMPSONS STOPPER TREE + 1 NATIVE CLUSIA ROSEA TREES + 5 LIGUSTRUM TREES PROVIDED)

DIVERSITY REQUIREMENT 11-15 REQUIRED TREES = 4 TREE SPECIES / 4 SPECIES PROVIDED

NATIVE TREES
30% OF REQUIRED TREES OR .30 X 15 = 4.5 NATIVE TREES REQUIRED / 10 NATIVE TREES PROVIDED
(8 NATIVE SPANISH STOPPER TREES, 1 NATIVE CLUSIA ROSEA TREES + 1 NATIVE SIMPSONS STOPPER TREE PROVIDED)

LOW MAINTENANCE TREES
ON OF REQUIRED TREES OR .50 X 15 = 7.5 LOW MAINTENANCE TREES REQUIRED / 10 LOW MAINTENANCE TREES PROVIDED (8 MATIVE SPANISH STOPPER TREES, 1 MATIVE CLUSIA ROSEA TREES + 1 MATIVE SIMPSONS STOPPER TREE PROVIDED)

STREET TREE REQUIREMENT
PURDY AVENUE: 280 IF 20 = 12.5 STREET TREES REQUIRED / 13 STREET TREES PROVIDED
BAY ROAD: 150 IF 70 = 1.5 STREET TREES REQUIRED / 7 STREET TREES PROVIDED

SHRUBS
12 SHRUBS REQUIRED FOR EACH REQUIRED LOT AND STREET TREE or 12 X (35) = 420 SHRUBS REQUIRED / 885 SHRUBS PROVIDED (270 NATIVE DWARF BAHAMA COFFEE + 150 NATIVE SAW PALMETTO + 465 SHORE JUNIPER SHRUBS PROVIDED)

NATIVE SHRUBS
50% OF TOTAL SHRUBS REQUIRED MUST BE NATIVE or .50 X 420 = 210 NATIVE SHRUBS REQUIRED / 420 NATIVE SHRUBS PROVIDED (270 NATIVE DWARF BAHAMA COFFEE + 150 NATIVE SAW PALMETTO SHRUBS PROVIDED)

LARGE SHRUBS / SMALL TREES
10% OF TOTAL SHRUBS REQUIRED MUST BE LARGE SHRUBS OR SMALL TREES or .10 X 420 = 42 LARGE SHRUBS REQUIRED / 42 LARGE SHRUBS PROVIDED (23 NATIVE THATCH PALMS + 19 PYGMY DATE PALMS PROVIDED).

NATIVE LARGE SHRUBS / SMALL TREES
50% OF TOTAL LARGE SHRUBS REQUIRED MUST BE NATIVE or .50 X 42 = 21 NATIVE LARGE SHRUBS REQUIRED / 23 NATIVE LARGE SHRUBS NATIVE THATCH PALMS PROVIDED()

<u>LAWN AREA</u> 20% MAXIMUM OF LANDSCAPE AREA; NEW LAWN AREAS ARE LESS THAN 20% OF LANDSCAPE AREA

IRRIGATION SYSTEM 100% COVERAGE PROVIDED PURSUANT TO MIAMI DADE CODE

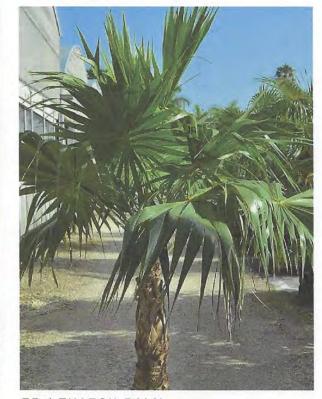
TREES BS 16 YES GUMBO LIMBO TREE Burnistra simanubra 100 gal. 1.4 ht. 6" spr., 3-4" c EF 8 YES SPANISH STOPPER TREE Eugenia foetida 45 gallon, 10" ht. 4" spr., 2" d	L& NOTES
EF 8 YES SPANISH STOPPER TREE Eugenis foelda 45 gallon, 10 ft, 4 spr. 2' d MF 3 YES SIMPSON STOPPER TREE Myrclanthes fragrens 100 gallon, 12 nt min, multi SHRUBS PSL 270 YES DWARF BAHAMA COFFEE Psychobia figuratrifolia 7 gallon, 18' on center	
MF 3 YES SIMPSON STOPPER TREE Myrclanthes tragrams 100 gallon, 12 ht min, multi SHRUBS PSL 270 YES DWARF BAHAMA COFFEE Psychobia Sgushrifolia 7 gallon, 16" on center	al, 6" ct, equal to Treeworld
SHRUBS PSL 270 YES DWARF BAHAMA COFFEE Psychobia Sgustrifolia 7 gallon, 16" on center	bh, equal to Treeworld Wholesale
PSL 270 YES DWARF BAHAMA COFFEE Psychotris liguratrifolia 7 gallon, 16" on center	equal to Treeworld Wholesale
1 Section 1 Sect	
GROUNDCOVERS TROPICALS ACCENTS	
and an	
LIR as req NO LILYTURF Liriope muscari 3 gallen, full, 18" on center	

PLA	NT L	IST -	SUNSET PARI	K THIRD LEVEL	
KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
SHRUBS					
FGI	125	NO	FICUS GREEN ISLAND	Ficus macrocarpa 'Green Island'	7 gallon, full, space 24" on center

LANDSCAPE LEGEND, PLANTLIST + NOTES + DETAILS



EF / SPANISH STOPPER TREE



TR / THATCH PALM



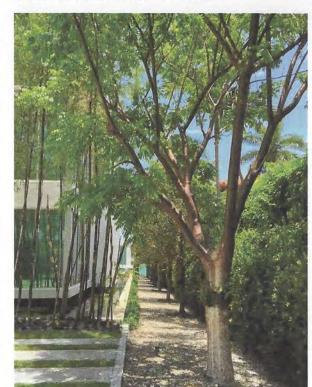
CR / CLUSIA ROSEA TREE



MF / SIMPSONS STOPPER TREE

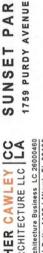


PR / PYGMY DATE PALM

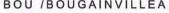


BS / GUMBO LIMBO TREE

DATE 08.24,2018









PSL / DWARF BAHAMA COFFEE



CYR / KING SAGO



FGI / FICUS GREEN ISLAND



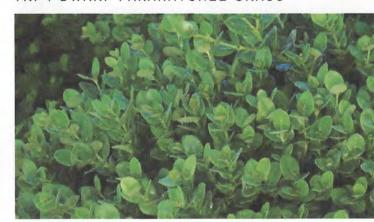
TRF / DWARF FAKAHATCHEE GRASS



LIR / LIRIOPE



JUN / BLUE SHORE JUNIPER



CAM / CARISSA



SER / SILVER SAW PALMETTO

L3.1