



NEW CHABAD SYNAGOGUE | 14 FARREY LANE | MIAMI BEACH, FLORIDA

CLIENT / PROPERTY INFORMATION

PROPERTY ADDRESS
14 FARREY LANE
MIAMI BEACH, FL 33139

EXISTING VEGETATION SUMMARY

The existing vegetation located on the property is composed of a mahogany and tropical almond tree and two palms. The landscape architect is proposing to remove all of the existing vegetation due to conflicts with the proposed site design, and will be mitigating for canopy loss by integrating new native tree canopy and vegetation into a new improved landscape design.

SCOPE OF WORK

- New tropical landscape design to complement new Residence, that of which introduces and incorporates new native tree canopy to the site

INDEX OF SHEETS

- L-0.0 Cover Page + Sheet Index
- L-1.0 Existing Tree Survey + Disposition Plan
- L-2.0 Landscape Plan
- L-2.1 4th Floor Landscape Plan
- L-2.2 Landscape Notes + Details
- L-3.0 Plant Material Image Board

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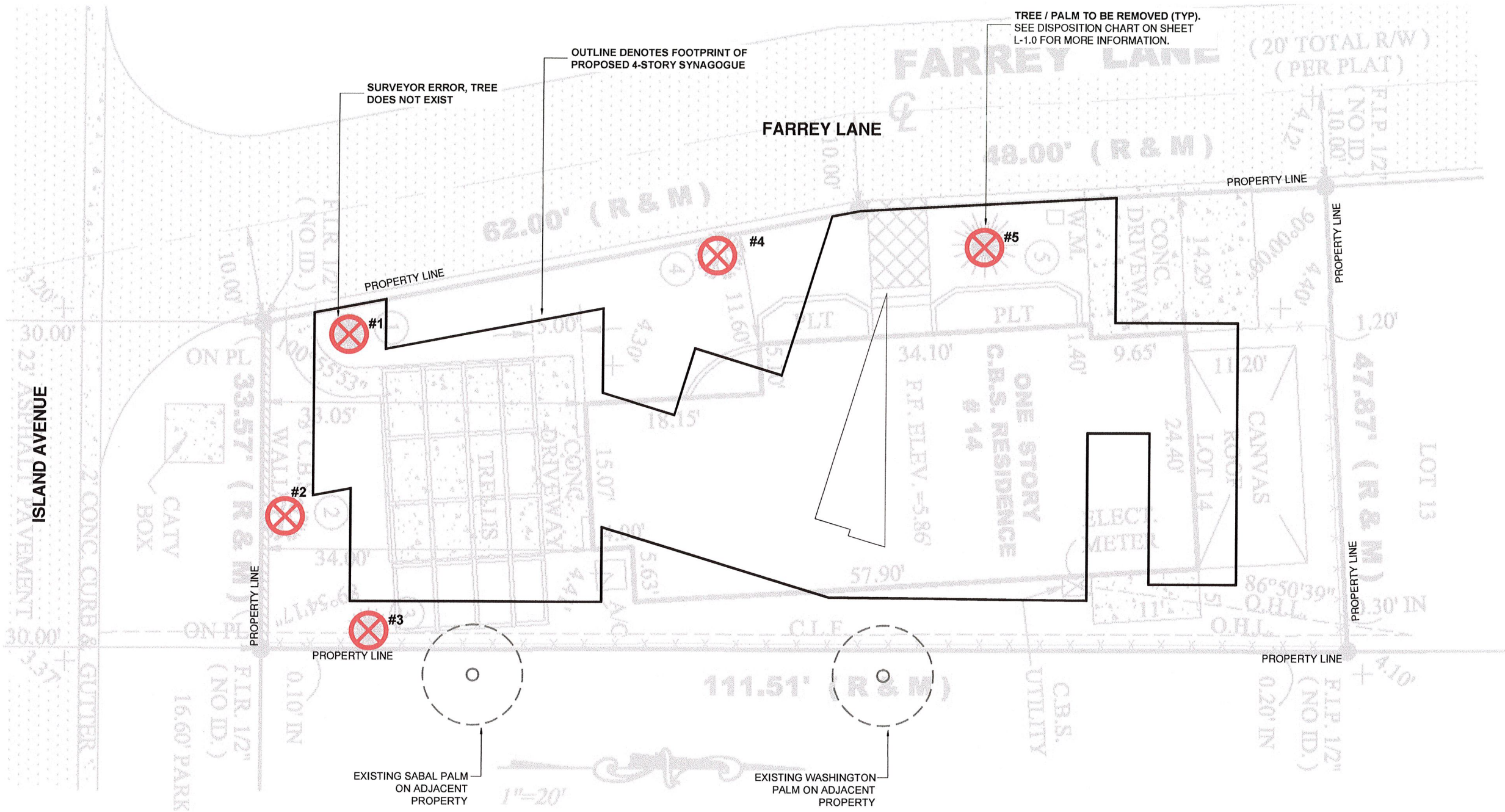
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C.M.B. EXISTING PALM INVENTORY + DISPOSITION CHART - 10 WEST SAN MARINO DRIVE											
NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	D.B.H. (IN)	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	CANOPY AREA	CANOPY LOSS/ MIT. REQ. (SF)	COMMENTS
#1	Arecia Palm	Dypsis lutescens	NO	+/- 0"	+/- 0'	+/- 0'	FAIR	REMOVE	0 SF	0 SF	SURVEYOR ERROR; TREE DOES NOT EXIST
#2	Brazilian Beauty Leaf	Calophyllum brasiliense	YES	+/- 48"	+/- 35'	+/- 49.5'	FAIR	REMOVE	1924 x 2 = 3,848 SF	3,848 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#3	Washington Palm	Washingtonia robusta	YES	+/- 13"	+/- 28'	+/- 10'	FAIR	REMOVE	79 SF	79 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#4	Mahogany Tree	Swietenia mahagoni	YES	+/- 28"	+/- 35'	+/- 51.5'	FAIR	REMOVE	2,083 x 2 = 4,166 SF	4,166 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#5	Coconut Palm	Cocos nucifera	NO	+/- 8.5"	+/- 30'	+/- 18'	FAIR	REMOVE	255 SF	255 SF	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
TOTAL MITIGATION REQUIRED :									8,348 SF		
TOTAL MITIGATION PROVIDED :									6,100 SF		

C.M.B. CANOPY MITIGATION NOTES

THE CANOPY MITIGATION OF 8,348 SF AS REQUIRED BY THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION and PROTECTION ORDINANCE. A TOTAL 6,100 SF OF CANOPY HAS BEEN PROVIDED.

CANOPY MITIGATION SUMMARY

- (2) NATIVE GUMBO LIMBO TREES: 900 SF (MB category I @ 450 SF each)
- (1) NATIVE CLUSIA ROSEA TREES: 300 SF (MB category I @ 300 SF each)
- (13) BAY RUM TREES: 3,900 SF (MB category I @ 300 SF each)
- (3) NATIVE SIMPSON'S STOPPER TREES: 300 SF (MB category III @ 100 SF each)
- (14) CABBAGE PALMS: 700 SF (MB category IV @ 50 SF each)

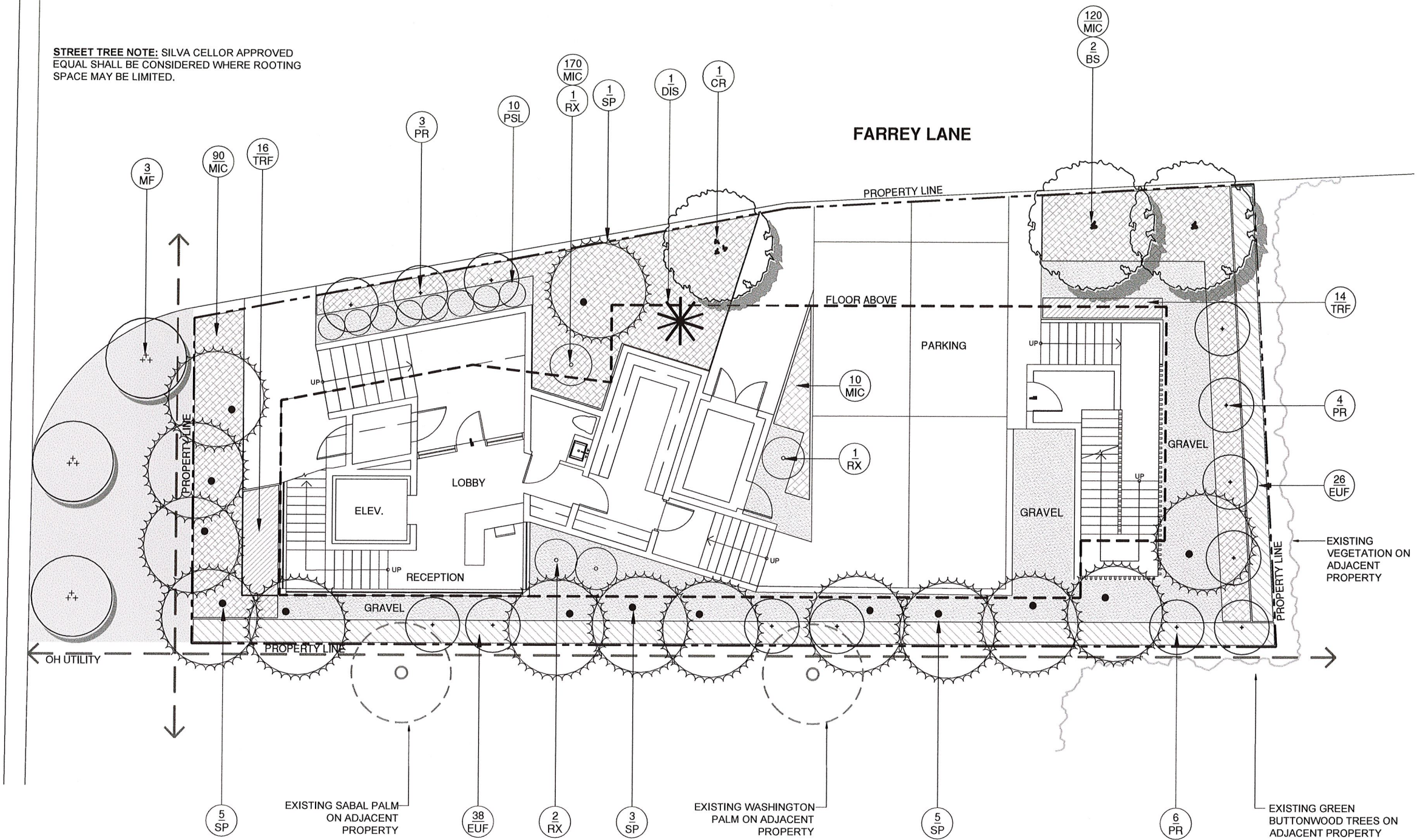
- C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION PLAN NOTES**
- THIS 'EXISTING TREE INVENTORY + DISPOSITION PLAN' HAS BEEN PREPARED IN ACCORDANCE WITH THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION and PROTECTION ORDINANCE.
 - EXISTING TREE, PALM, AND VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY BLANCO SURVEYORS, DATED 11.08.18
 - THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 11.17.18
 - 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.
 - ARBORIST REPORT BY ALEXIS ALVEY HAS BEEN PROVIDE

C.M.B. EXISTING TREE SURVEY LEGEND

TREE or PALM TO BE REMOVED. SEE CHART L-1b.

ISLAND AVENUE

STREET TREE NOTE: SILVA CELLOR APPROVED
EQUAL SHALL BE CONSIDERED WHERE ROOTING
SPACE MAY BE LIMITED.



LANDSCAPE PLAN

3/16" = 1'-0"
0 5 10 15



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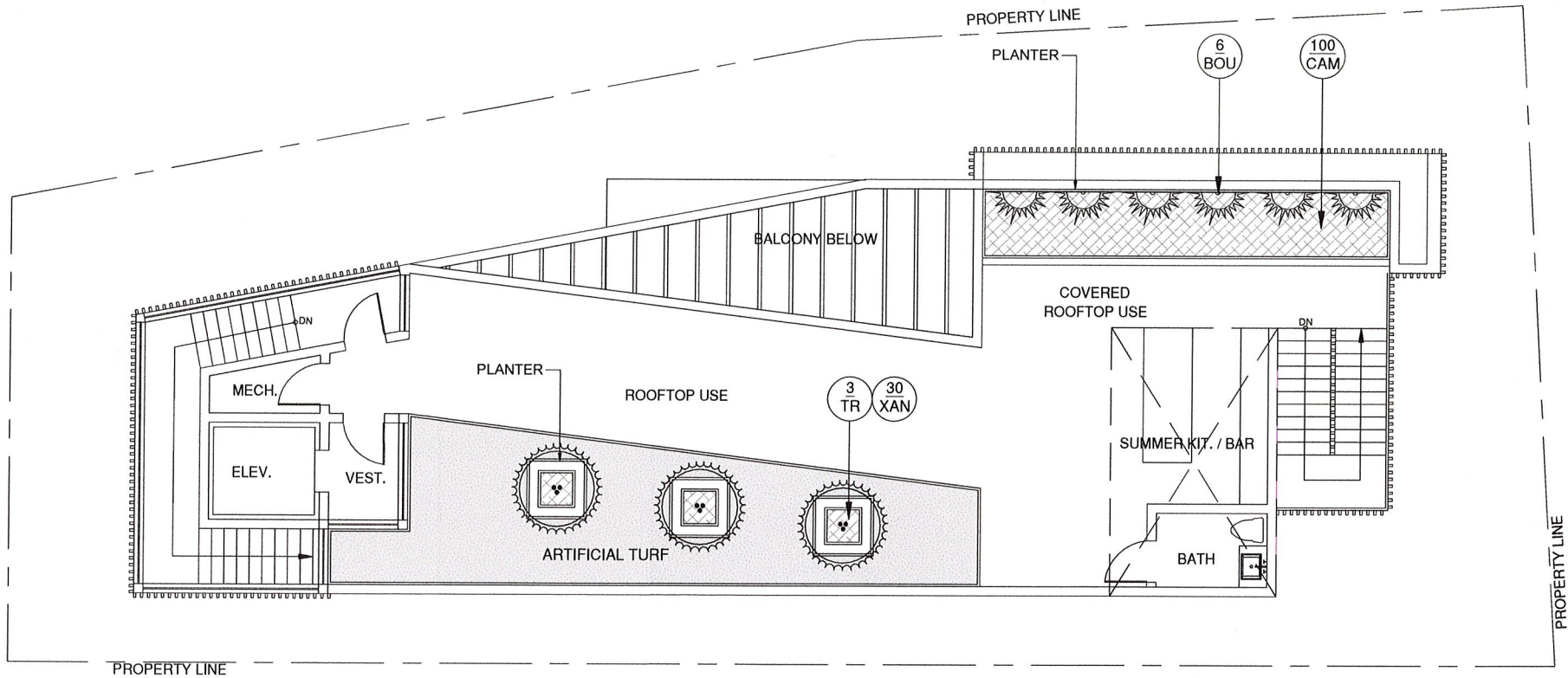
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4th LEVEL PLANT LIST - 14 FARREY LANE					
KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
PALMS					
TR	4	YES	THATCH PALMS	Thrinax radiata	15 gallon, 4' height, full, multi
TROPICALS, GROUNDCOVERS, + ACCENTS					
BOU	6	NO	THATCH PALMS	Thrinax radiata	15 gallon, 4' height, full, multi
CAM	100	NO	CARISSA 'EMERALD BLANKET'	Carissa macro 'Emerald Blanket'	3 gallon, 18" height, full, space 18" on center
XAN	30	NO	XANADU	Philodendron 'Xanadu'	3 gallon, 18" height, full, space 18" on center

4TH FLOOR LANDSCAPE PLAN



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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. 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.

5. THE SITE CONTRACTOR SHALL BE RESPONSIBLE TO BRING ALL GRADES TO WITHIN 2" OF FINAL GRADES. THIS SHALL INCLUDE A 2" APPLICATION OF 50:50 TOPSOIL: SAND MIX FOR ALL LANDSCAPE AND AREAS TO BE SODDED.

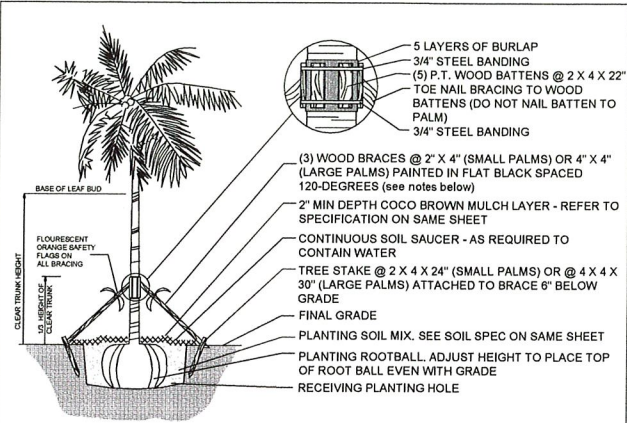
6. ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" WITH A SMALL GRAY GRANITE AGGREGATE FREE FROM WEEDS AND PESTS. NO 'CYPRESS MULCH' OR 'RED DYED MULCH' TO BE ACCEPTED. KEEP MULCH 3" AWAY FROM TREE OR PALM TRUNKS AS PER INDUSTRY RECOMMENDATIONS.
7. SOD SHALL BE 'EMPIRE TURF' ZOYSIA GRASS IN ALL LAWN 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.

8. ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE-YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.

9. 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.

GROUND LEVEL PLANT LIST - 14 FARREY LANE

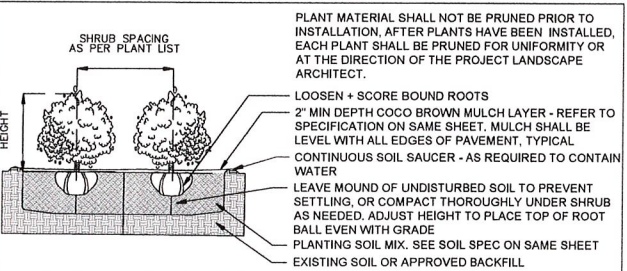
KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
BS	2	YES	GUMBO LIMBO	Bursera simarubra	100 gal, 16' ht, 8-10' spread min, 6-8" dbh min, standard, equal to Treeworld
MF	3	YES	SIMPSONS STOPPER TREE	Myrcianthes fragrans	12' ht min, 6' spread min, multi
CR	1	YES	PITCH APPLE TREE	Clusia rosea	50 gal, 12' height min, 6' spread min, 3" dbh, multi, equal to Treeworld Wholesale
PR	13	NO	BAY RUM TREE	Pimenta racemosa	50 gal, 10' height min, 5-6' spread min, standard, equal to Treeworld Wholesale
PALMS					
RX	4	NO	LADY PALM	Rhapsis excelsa	15 gallon, 4' height, full
SP	14	YES	CABBAGE PALM	Sabal palmetto	Field Grown, 22-26' overall height, staggered, character slick trunk, leaning
SHRUBS					
EUF	64	YES	SPANISH STOPPER SHRUB	Eugenia foetida	25 gal, 7' height min, 5' spread min, full to base
PSL	10	YES	BAHAMA WILD COFFEE SHRUB	Psychotria ligustrifolia	7 gallon, full, space 18" on center.
TROPICALS, GROUNDCOVERS, + ACCENTS					
MIC	390	NO	WART FERN	Microsorium scolopendrium	1 gallon, full, 18" on center
DIS	1	NO	DIOON	Dioon sp.	7 gallon, full, 24" on center
TRF	30	YES	DWARF FAKAHATCHEE GRASS	Tripsacum floridana	3 gallon, full, 18" on center
SOD, AGGREGATE & MULCH					
MLC	AMERIGROW® PREMIUM PINEBARK BROWN® SHREDDED MULCH				
SOD	'EMPIRE TURF' ZOYSIA GRASS - 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				
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 \$5,000 DOLLARS FOR POTTED PLANTS + MISCELLANEOUS VEGETATION TO BE SELECTED DURING THE INSTALLATION OF THE PROJECT					



- NOTES:
1. PALMS OVER 30' GW HEIGHT, USE MINIMUM (4) 4" X 4" BRACING AND STAKES
 2. PRIMARY STAKES SHOULD BE PLACED PARALLEL TO WALKWAYS WHENEVER POSSIBLE
 3. RECEIVING PLANTING HOLE SHALL BE APPROXIMATELY 1/3 LARGER THAN ROOTBALL
 4. BUD SHALL BE PERPENDICULAR TO THE GROUND PLANE
 5. NO SCARRED OR BLACKENED TRUNKS
 6. AMENDED SOIL MIX TO BE ADDED AT THE TIME OF PLANTING NEEDED, SHALL CONSIST OF ATLAS PEAT + SOIL MIX 7036 (COARSE SAND, CANADIAN PEAT, CYPRESS DUST + PERLITE MIX)

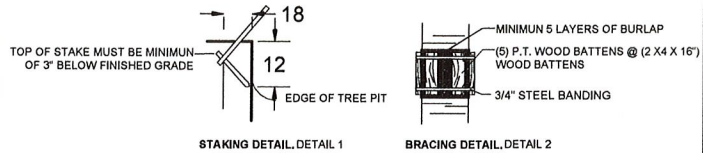
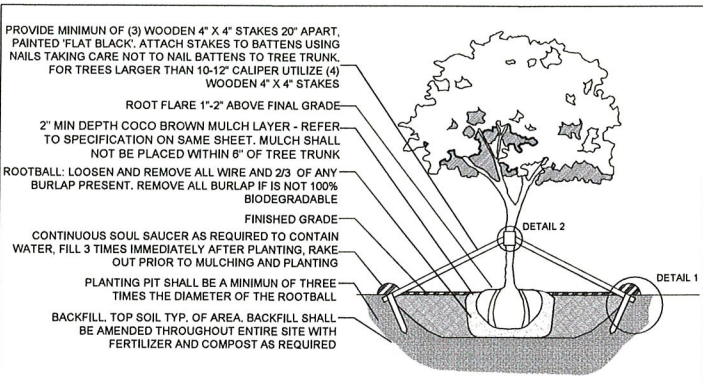
C.M.B. PALM PLANTING DETAIL

N.T.S.



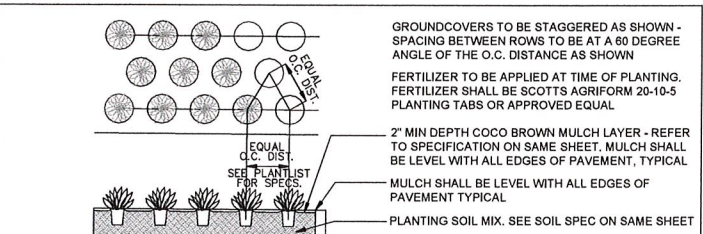
SHRUB PLANTING DETAIL

N.T.S.



C.M.B. LARGE TREE PLANTING DETAIL

N.T.S.



GROUNDCOVER PLANTING DETAIL

N.T.S.

LANDSCAPE LEGEND

MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 26 (INSTITUTIONAL)

- ZONING:** INSTITUTIONAL **LOT SIZE:** 4,689 SF **ACRES:** .11
- TREES**
22 TREES REQUIRED PER ACRE / LOT SIZE: 4,689 SF / .11 ACRES
22 x .11 = 2.42 TREES = 3 TREES REQUIRED. 14 TREES PROVIDED
(1 NATIVE GUMBO LIMBO TREE + 13 BAY RUM TREES PROVIDED)
- DIVERSITY REQUIREMENT**
1 - 5 REQUIRED TREES = 2 TREE SPECIES REQUIRED / 2 SPECIES PROVIDED
- NATIVE TREES**
30% OF REQUIRED TREES OR .30 X 3 = .9 NATIVE TREES REQUIRED / 1 NATIVE TREES PROVIDED
(1 NATIVE GUMBO LIMBO TREE PROVIDED)
- LOW MAINTENANCE TREES**
50% OF REQUIRED TREES OR .50 X 3 = 1.5 NATIVE TREES REQUIRED / 14 NATIVE TREES PROVIDED
(1 NATIVE GUMBO LIMBO TREE + 13 BAY RUM TREES PROVIDED)
- STREET TREE REQUIREMENT**
AVERAGE STREET TREE SPACING 20' ON CENTER
FARREY LANE: 110 LF / 20 = 5 STREET TREES REQUIRED / 5 STREET TREES PROVIDED
ISLAND AVENUE: 34 LF / 20 = 2 STREET TREES REQUIRED / 3 STREET TREES PROVIDED
- SHRUBS**
12 SHRUBS REQUIRED FOR EACH REQUIRED LOT AND STREET TREE or 12 X (3) = 36 REQUIRED / 74 SHRUBS PROVIDED
(64 NATIVE SPANISH STOPPER SHRUBS + 10 NATIVE BAHAMA WILD COFFEE SHRUBS PROVIDED)
- NATIVE SHRUBS**
50% OF TOTAL SHRUBS REQUIRED MUST BE NATIVE or .50 X 36 = 18 / 74 SHRUBS PROVIDED
(64 NATIVE SPANISH STOPPER SHRUBS + 10 NATIVE BAHAMA WILD COFFEE SHRUBS PROVIDED)
- LAWN AREA**
20% MAXIMUM OF LANDSCAPE AREA: NEW LAWN AREAS ARE LESS THAN 20% OF LANDSCAPE AREA
- IRRIGATION SYSTEM**
100% COVERAGE PROVIDED PURSUANT TO CMB CODE

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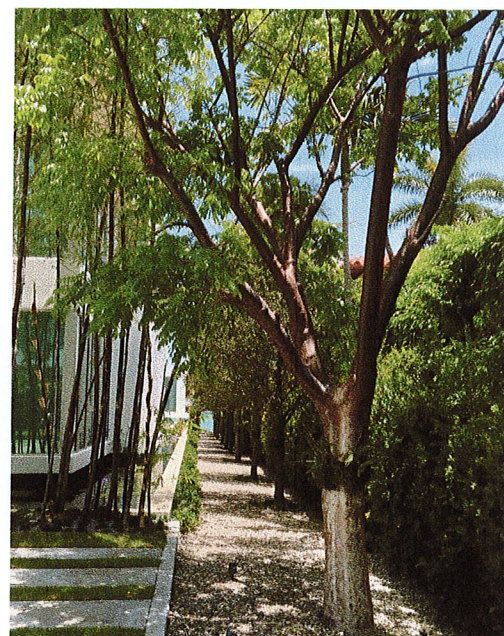
PR | BAY RUM TREE



MF | SIMPSONS STOPPER TREE



CR | PITCH APPLE TREE



BS | GUMBO LIMBO



SP | CABBAGE PALM



EUJ | SPANISH STOPPER SHRUB



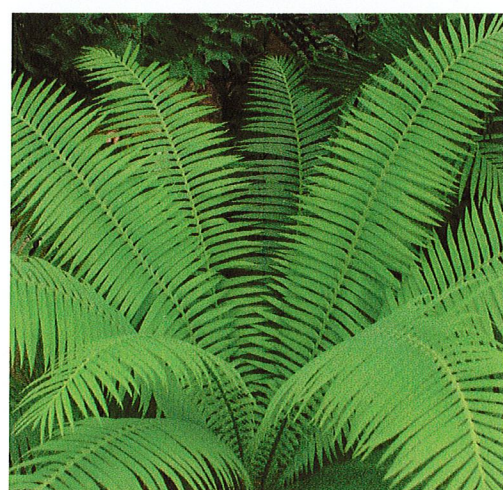
PSL | BAHAMA WILD COFFEE SHRUB



RX | LADY PALM



MIC | WART FERN



DIS | DIOON

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