

C.M.B. FINAL LANDSCAPE DRB SUBMITTAL 04.07.23

NEW RESIDENCE | 4447 NORTH BAY ROAD | MIAMI BEACH, FLORIDA



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THE WEBER STUDIO

AA26002025

104 CRANDON BLVD, SUITE 414

KEY BISCAYNE, FLORIDA 33149

305.361.9935x 305.361.9986

NEW SINGLE FAMILY RESIDENCE

FOR:

4447 N BAY RD., MIAMI BEACH, FL 33140

FOLIO #02-3222-011-1050

CHRISTOPHER CAWLEY,

RLA Florida License

LA 6666786

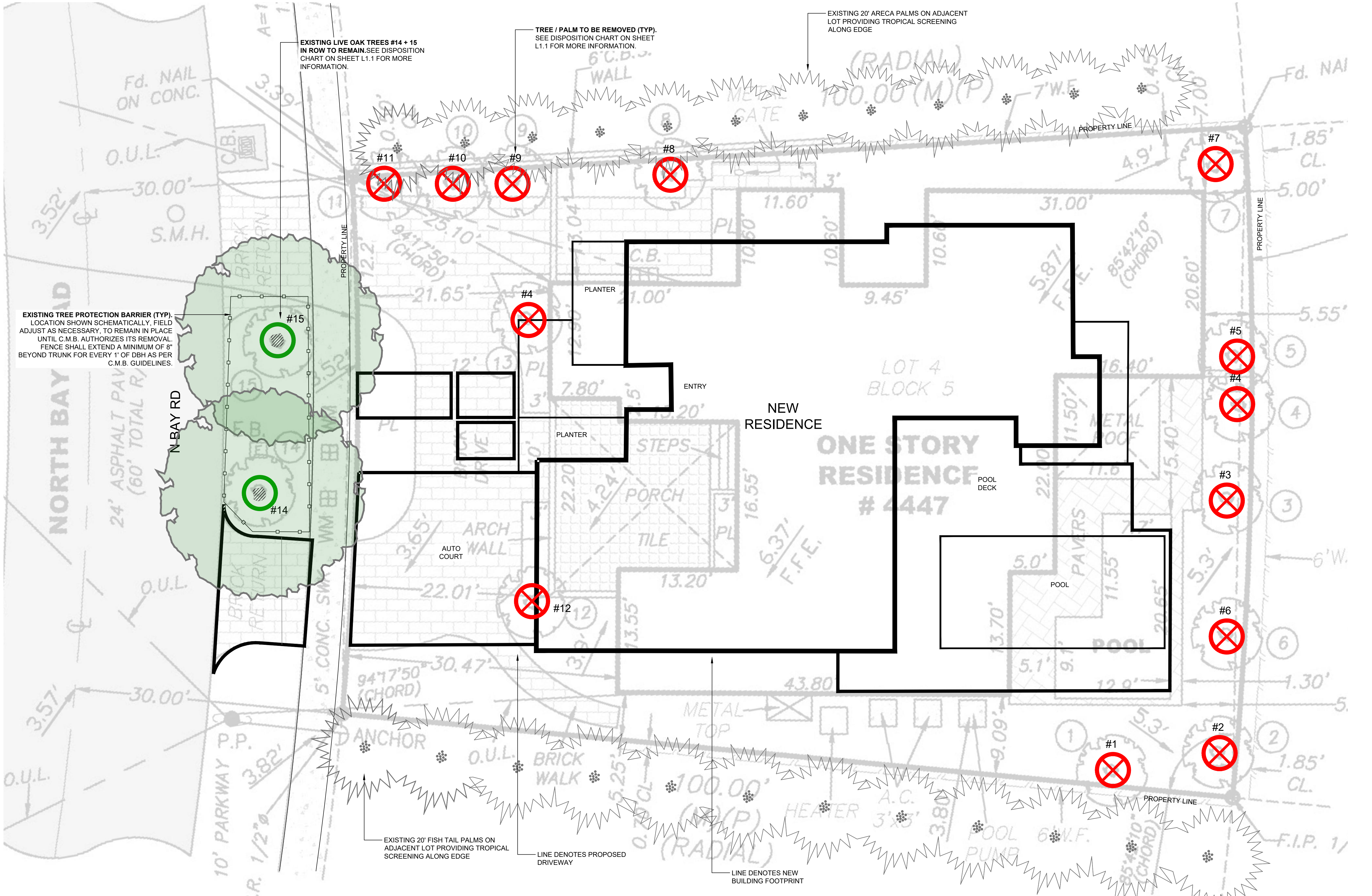
DATE:	2023-3-15
DRAWN	TWSP
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CHRISTOPHER  
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750 NE 69th Street, Suite 200 Miami, Florida 33138  
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EXISTING TREE PROTECTION BARRIER (TYP).  
LOCATION SHOWN SCHEMATICALLY. FIELD  
ADJUST AS NECESSARY. TO REMAIN IN PLACE  
UNTIL C.M.B. AUTHORIZES ITS REMOVAL.  
FENCE SHALL EXTEND A MINIMUM OF 8"  
BEYOND TRUNK FOR EVERY 1" OF DBH AS PER  
C.M.B. GUIDELINES.

EXISTING LIVE OAK TREES #14 + 15  
IN ROW TO REMAIN. SEE DISPOSITION  
CHART ON SHEET L1.1 FOR MORE  
INFORMATION.

TREE / PALM TO BE REMOVED (TYP).  
SEE DISPOSITION CHART ON SHEET  
L1.1 FOR MORE INFORMATION.

EXISTING 20' ARECA PALMS ON ADJACENT  
LOT PROVIDING TROPICAL SCREENING  
ALONG EDGE

EXISTING 20' FISH TAIL PALMS ON  
ADJACENT LOT PROVIDING TROPICAL  
SCREENING ALONG EDGE

LINE DENOTES PROPOSED  
DRIVEWAY

LINE DENOTES NEW  
BUILDING FOOTPRINT

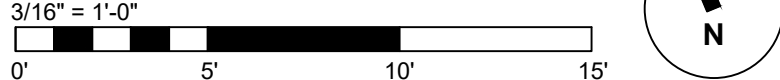
C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION NOTES

- THIS 'EXISTING TREE INVENTORY + DISPOSITION PLAN' HAS BEEN PREPARED IN ACCORDANCE WITH THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION + PROTECTION ORDINANCE.
- EXISTING TREE, PALM, + VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY ALVAREZ, AIGUESVIVES + ASSOCIATES, INC DATED 11.08.21.
- THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 04.05.23.
- MIAMI BEACH P+Z MUST APPROVE LANDSCAPE PLANS PRIOR TO REMOVING ANY TREES OR PALMS WITH A D.B.H. BETWEEN 6" + 12". A WRITTEN TREE REMOVAL PERMIT IS REQUIRED FROM CITY OF MIAMI BEACH GREENSPACE MANAGEMENT / PUBLIC WORKS FOR THE REMOVAL OF TREES / PALMS WITH A D.B.H. GREATER THAN 12" OR IN THE R.O.W.
- THE OWNER RESERVES THE RIGHT TO REMOVE ANY VEGETATION NOT LOCATED WITHIN THE CITY R.O.W. WITH A D.B.H. OF LESS THAN 6" WITHOUT OBTAINING A TREE REMOVAL PERMIT.
- THERE ARE NO TREES OR PALMS LOCATED ON THIS PROPERTY THAT WILL REQUIRE TEMPORARY IRRIGATION. ALL EXISTING TREES + PALMS ARE MATURE AND ARE CURRENTLY THRIVING WITHOUT SUPPLEMENTAL IRRIGATION WATER.

EXISTING TREE SURVEY LEGEND

- TREE or PALM TO BE REMOVED. SEE CHART L-1.1
- TREE or PALM TO REMAIN. PRESERVE + PROTECT
- TREE or PALM PROTECTION FENCE

EXISTING TREE SURVEY + DISPOSITION PLAN



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EXISTING TREE INVENTORY + DISPOSITION CHART										
NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	HT (FT)	SP (FT)	D.B.H (IN)	CONDITION	DISPOSITION	MITIGATION	COMMENTS
1	COCONUT PALM	Cocos nucifera	NO	30'	15'	8"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
2	COCONUT PALM	Cocos nucifera	NO	25'	6'	8"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
3	COCONUT PALM	Cocos nucifera	NO	45'	15'	8"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
4	COCONUT PALM	Cocos nucifera	NO	45'	16'	8"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
5	COCONUT PALM	Cocos nucifera	NO	45'	16'	8"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
6	COCONUT PALM	Cocos nucifera	NO	45'	16'	8"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
7	COCONUT PALM	Cocos nucifera	NO	45'	12'	5"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
8	MONTGOMERY PALM	Veitchia arecina	NO	30'	16'	11"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
9	MONTGOMERY PALM	Veitchia arecina	NO	30'	16'	11"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
10	MONTGOMERY PALM	Veitchia arecina	NO	30'	16'	11"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
11	MONTGOMERY PALM	Veitchia arecina	NO	30'	16'	11"	FAIR	REMOVE	1 REP TREE	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
12	JAPANESE PRIVET	Ligustrum japonicum	NO	12'	9'	8"	FAIR	REMOVE	8" DBH	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
13	JAPANESE PRIVET	Ligustrum japonicum	NO	12'	9'	8"	FAIR	REMOVE	8" DBH	IN CONFLICT w/ SITE DESIGN. MITIGATION PROVIDED
14	LIVE OAK	Quercus virginiana	NO	20'	25'	12"	FAIR	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION.
15	LIVE OAK	Quercus virginiana	NO	20'	23'	12"	FAIR	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION.
TOTAL TREE DBH LOSS: 16" + REMOVAL OF 11 PALMS TREE MITIGATION REQUIRED: (6) REPLACEMENT TREES @ 12' HT x 2" D.B.H. x 6' SP PALM MITIGATION REQUIRED: (11) REPLACEMENT TREES @ 12' HT x 2" D.B.H. x 6' SP										

TREE + PALM MITIGATION SUMMARY

CH 46 TREE PRESERVATION + PROTECTION		
MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 46 ENVIRONMENT		
TREES		
REMOVED (TOTAL DBH OF TREES)	REPLACEMENT TREES REQ.	REPLACEMENT TREES PROVIDED
16" OF DBH	6 @ 12' HT + 2" DBH + 6' SP OR 3 @ 16' HT + 4" DBH + 8' SP	10 REPLACEMENT TREES PROVIDED @ 12' HT + 2" DBH + 6' SP  BREAKDOWN: (4) NATIVE SPANISH STOPPER TREES @ 16' HT + 4" DBH + 8' SP = 8 REPLACEMENT TREES (2) NATIVE SIMPSON STOPPER TREES @ 12' HT + 2" DBH + 6' SP = 2 REPLACEMENT TREES
PALMS		
REMOVED (TOTAL PALMS)	REPLACEMENT TREES REQ.	REPLACEMENT TREES PROVIDED
11	11 @ 12' HT + 2" DBH + 6' SP OR 6 @ 16' HT + 4" DBH + 8' SP	11 REPLACEMENT TREES PROVIDED @ 12' HT + 2" DBH + 6' SP  BREAKDOWN: (6) BAYRUM TREES @ 16' HT + 4" DBH + 8' SP = 12 REPLACEMENT TREES

TREE DISPOSITION SUMMARY

	TOTAL	REMAIN	REMOVE	RELOCATE
TREES	4	2	2	0
PALMS	11	0	11	0

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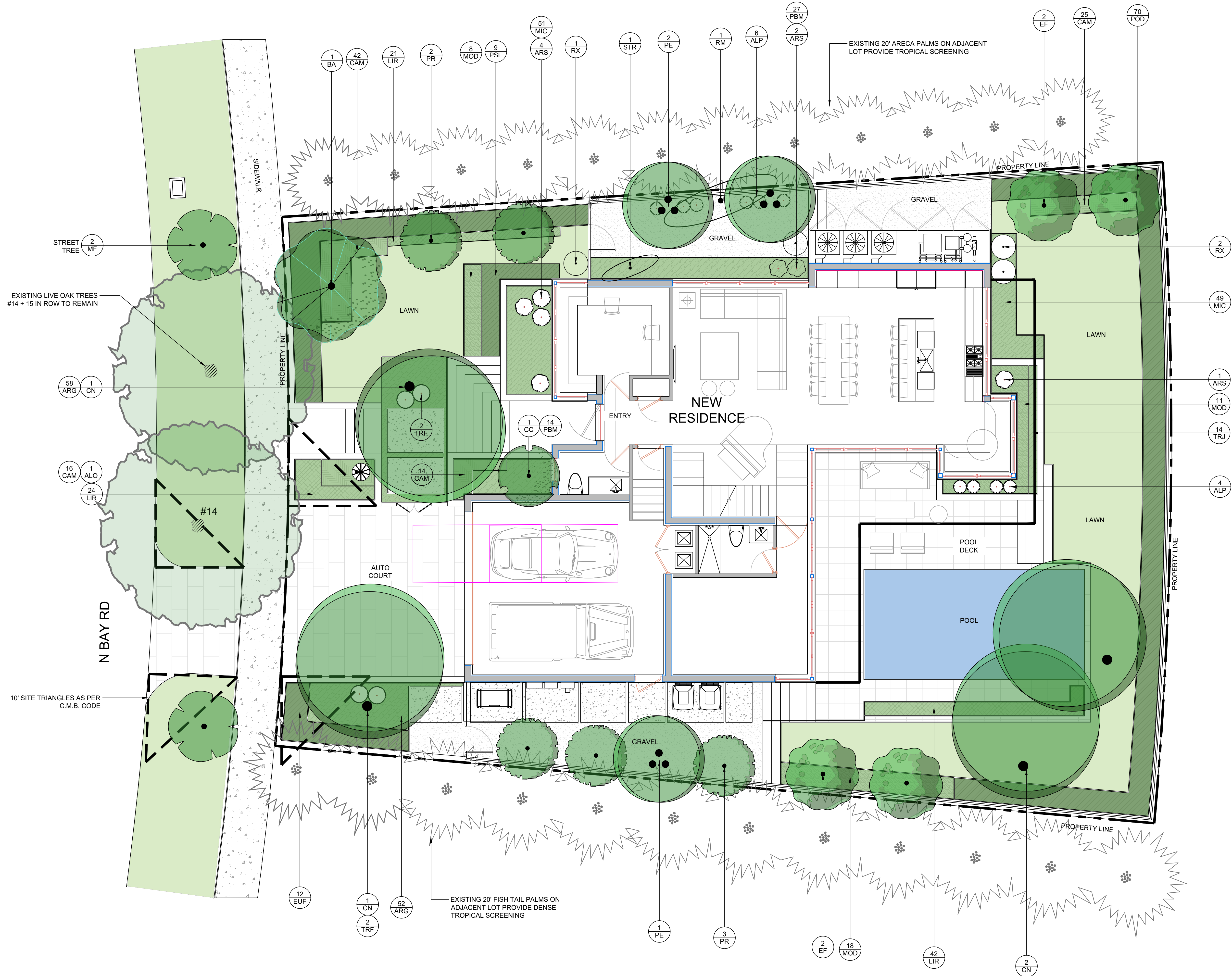
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FIRST FLOOR LANDSCAPE PLAN



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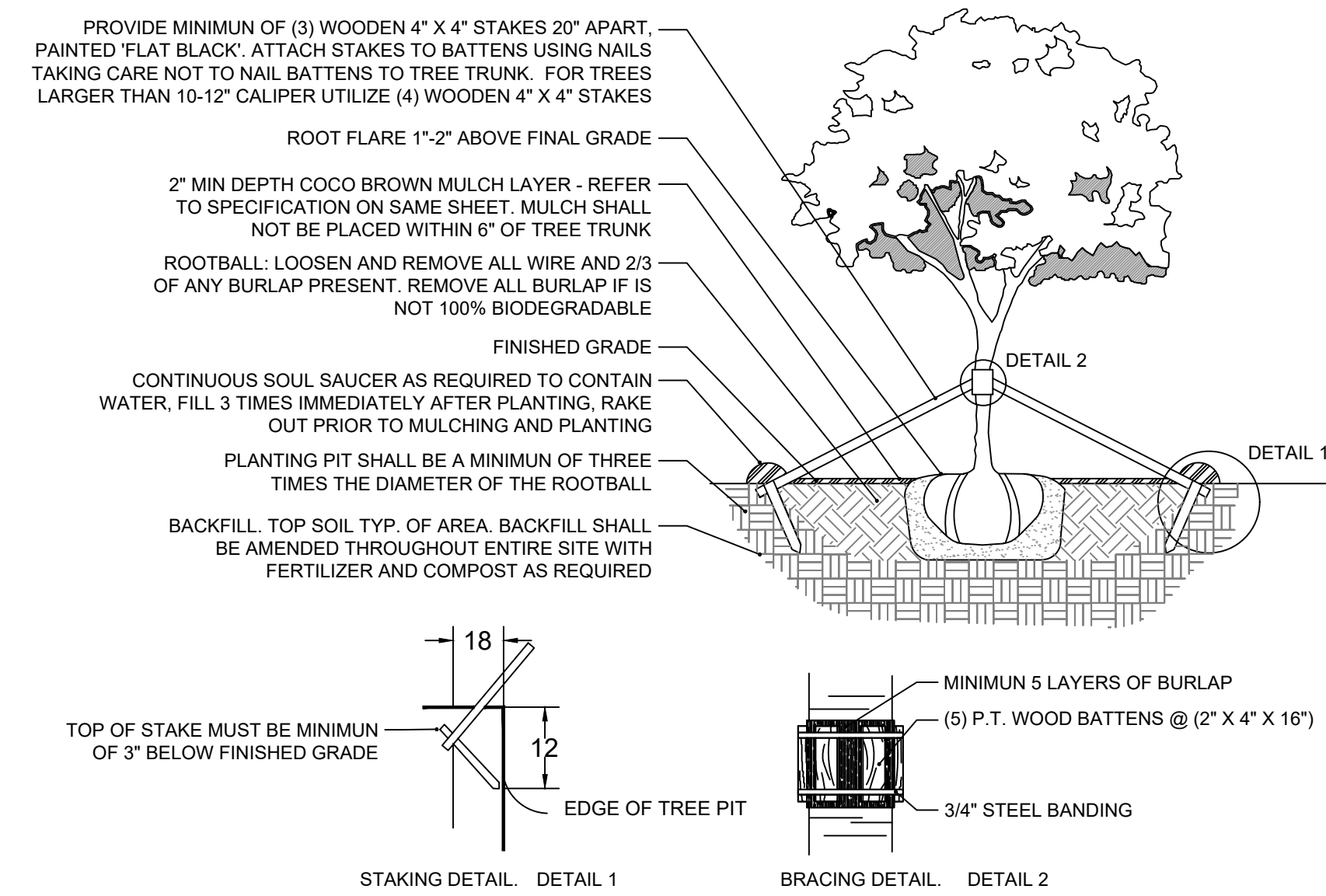
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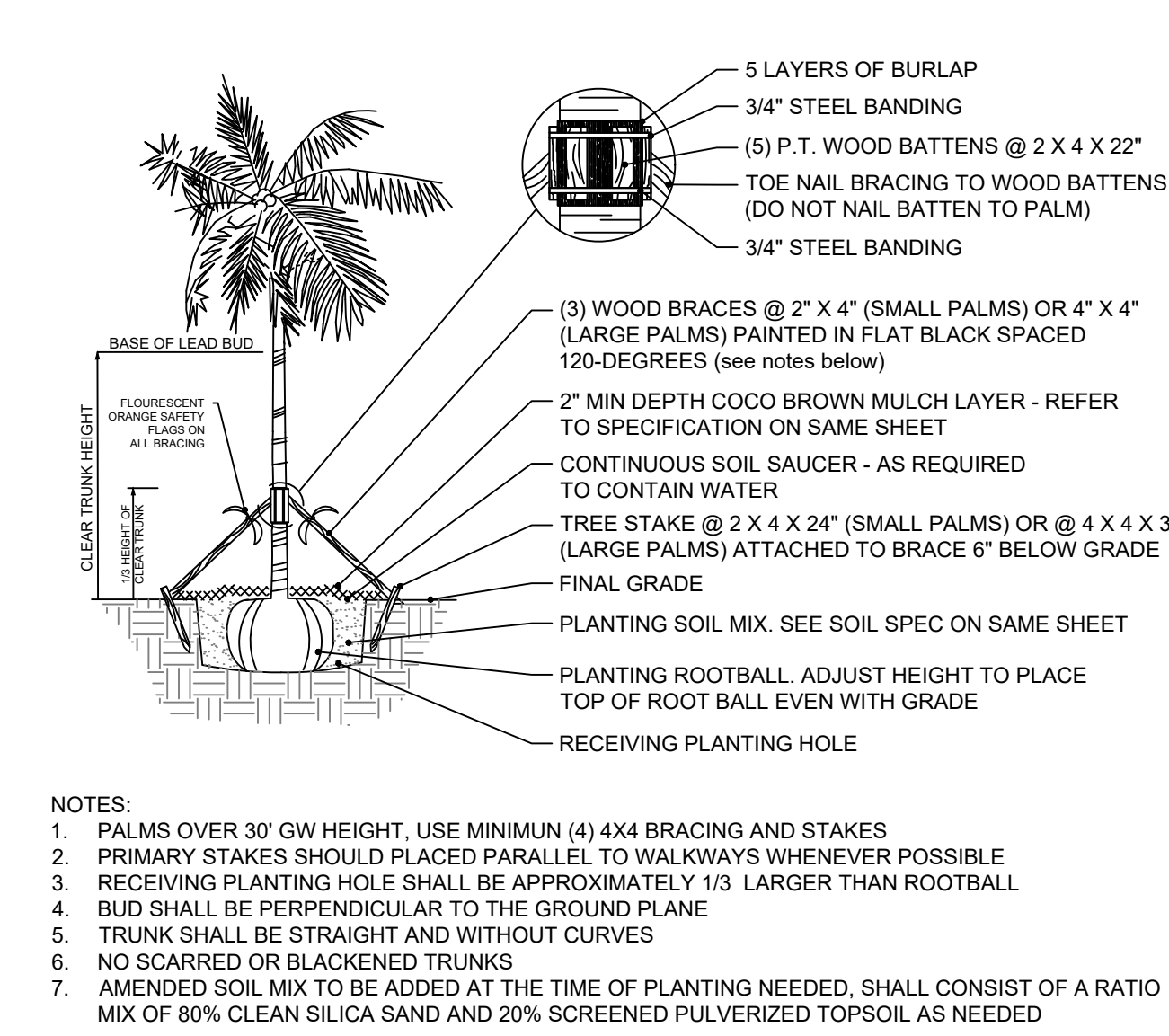
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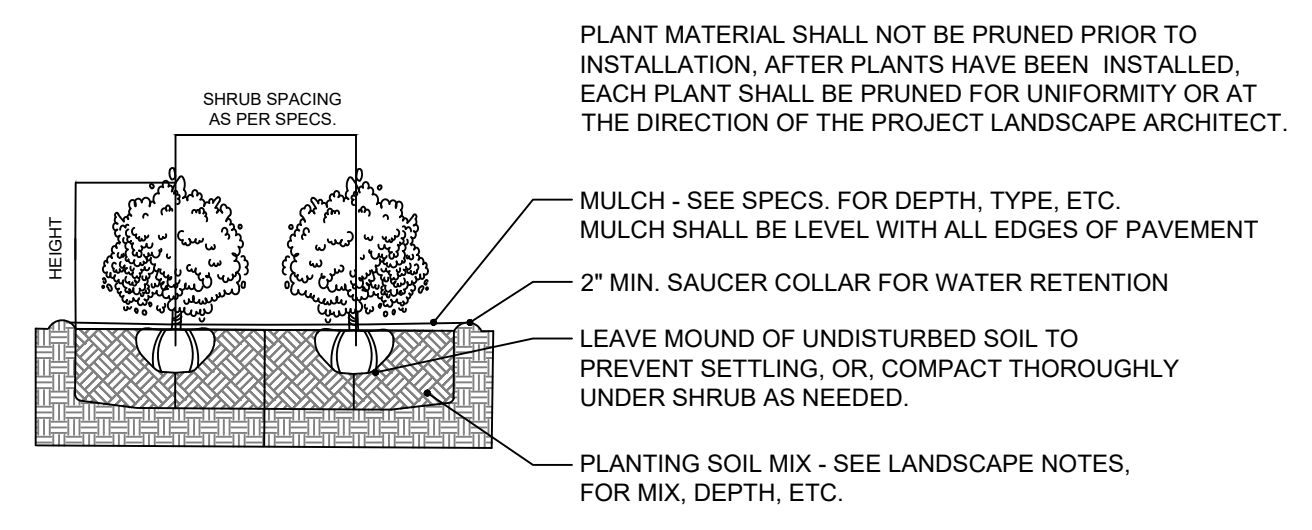




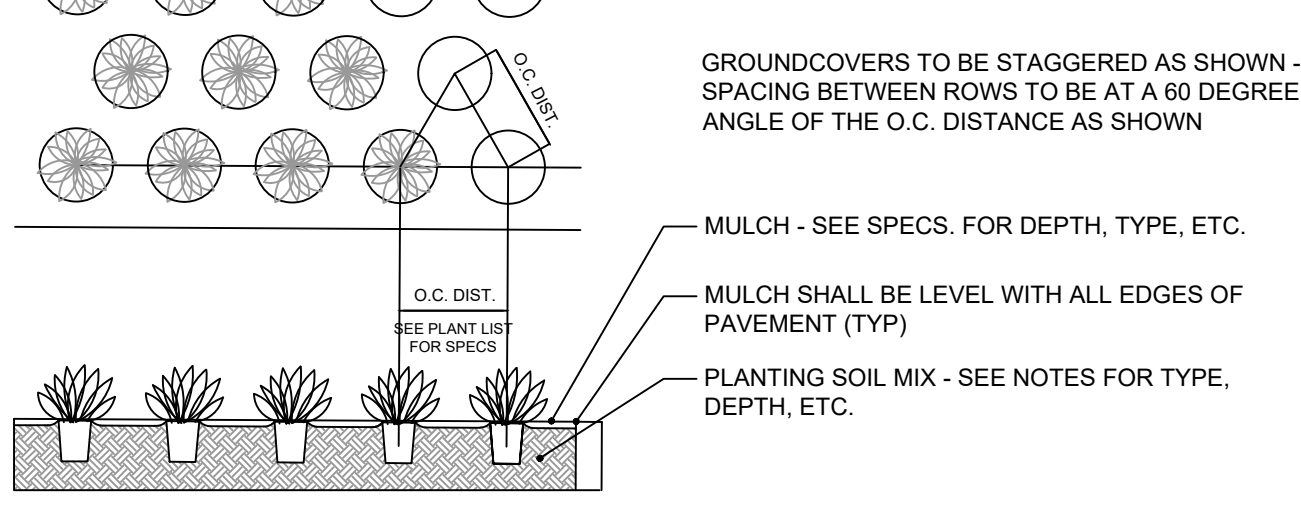
1 LARGE TREE PLANTING DETAIL  
3/16\"/>



2 PALM PLANTING DETAIL  
3/16\"/>



3 SHRUB PLANTING DETAIL  
3/8\"/>



4 GROUNDCOVER PLANTING DETAIL  
3/8\"/>

LANDSCAPE LEGEND		
MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 126 (RS1 - RS4 Single Family Home Residential )		
ZONING: RS-4 LOT SIZE: 6,750 SF ACRES: .15		
MINIMUM STANDARDS	REQUIRED	PROVIDED
TREES		
FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT	FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT	FRONT YARD - 2 TREES PROVIDED BACK YARD - 3 TREES PROVIDED
TOTAL OF 5 TREES REQUIRED FOR LOTS UP TO 6,000 SF. 1 ADDITIONAL TREE IS REQUIRED FOR EACH ADDITIONAL 1,000 SF OF LOT AREA.	TOTAL LOT AREA: 6,750 SF - 6,000 SF 5 TREES REQ + (6,750 SF / 1,000) = 6 TREES REQ	10 TOTAL TREES PROVIDED
MIN 30% OF REQUIRED TREES SHALL BE NATIVE SPECIES	30% x 7 = 2 TREES OF NATIVE SPECIES	4 TOTAL NATIVE TREES PROVIDED
MIN 50% OF REQUIRED TREES SHALL BE LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES	50% x 7 = 4 TREES OF LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES	10 TOTAL LOW MAINTENANCE TREES PROVIDED
DIVERSITY OF 01 - 10 TOTAL TREES REQUIRED : 2 TREE SPECIES	2 TREE SPECIES	3 TREE SPECIES PROVIDED
STREET TREES		
AVERAGE STREET TREE SPACING 20' ON CENTER	60 LINEAR FEET / 20 = 3 STREET TREES REQ	3 STREET TREES PROVIDED
SHRUBS		
12 SHRUBS PER THE NUMBER OF REQUIRED LOT AND STREET TREES	12 x (TOTAL LOT + STREET TREES) = 120 TOTAL SHRUBS REQUIRED	130 TOTAL SHRUBS PROVIDED
MIN 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES	50% x 120 = 60 SHRUBS OF NATIVE SPECIES	60 TOTAL NATIVE SHRUBS PROVIDED
MIN 10% OF REQUIRED SHRUBS SHALL BE LARGE SHRUBS or SMALL TREES	10% x 120 = 12 TOTAL LARGE SHRUBS	117 TOTAL LARGE SHRUBS PROVIDED
MIN 50% OF REQUIRED LARGE SHRUBS SHALL BE NATIVE SPECIES	50% x 12 = 47 LARGE SHRUBS OF NATIVE SPECIES	47 TOTAL NATIVE LARGE SHRUBS
LAWN		
LAWN SHALL BE MAXIMUM OF 50 % OF REQUIRED LANDSCAPE AREA	LAWN AREAS ARE LESS THAN 50% OF LANDSCAPE AREA	
IRRIGATION SYSTEM		
LANDSCAPE SHALL BE WATERED BY A PERMANENT IRRIGATION SYSTEM		100% IRRIGATION COVERAGE PROVIDED

PLANT SCHEDULE						
TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	BA	1	VERAWOOD	BULNESIA ARBOREA	NO	300 GAL, 20-22' HT, 12" SP, 6" DBH, STANDARD, EQUAL TO TREEWORLD WHOLESALE
	EF	4	SPANISH STOPPER	EUGENIA FOETIDA	YES	14-16' HT MIN, 6-8" SP MIN, 4" DBH, 4' CT, STANDARD
	MF	2	SIMPSON'S STOPPER	MYRCIANTHES FRAGRANS	YES	12' HT, 6" SP, 2" DBH, STANDARD, 5 CLEAR TRUNK
	PR	5	BAY RUM	PIMENTA RACEMOSA	NO	14-16' HT MIN, 6-8" SP MIN, 4" DBH, 4' CT, STANDARD
PALMS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	CC	1	OLD MAN PALM	COCCOTHRINAX CRINITA	NO	25 GALLON, 4' HT OA, 6-8" SP MIN, FLORIDA FANCY
	CN	4	COCONUT PALM	COCOS NUCIFERA	NO	8' - 14' GW, LEANING, FLORIDA FANCY
	PE	3	ALEXANDER PALM	PTYCHOSPERMA ELEGANS	NO	16' - 18' OA HT, TRIPLE TRUNKS
	RM	1	TRAVELERS PALM	RAVENALA MADAGASCARIENSIS	NO	12' HT, 10" SP, SINGLE LEAVER, PERFECT WIDE TRUNK V SHAPE
	RX	4	LADY PALM	RHAPIS EXCELSA	NO	7 G, 3-4' HT, 3" SP, 30" ON CENTER, FULL
ACCENTS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	ALO	5	GIANT SILVER BROMELIAD	ALCANTAREA ODORATA	NO	7 GAL, 18-24" HT, 20" O.C., FULL
	ARS	7	ALOCASIA 'REGAL SHIELD'	ALOCASIA X 'REGAL SHIELDS'	NO	3 GAL, 2' HT, 2' SP, 18" O.C.
	ALP	10	RED GINGER	ALPINIA PURPURATA	NO	7 GAL, 2-3' HT, 3' SP, 24" O.C., FULL
	STR	1	WHITE BIRD OF PARADISE	STRELITZIA ALBA	NO	15 GAL, 5' HT, FULL TO BASE, 24 O.C.
CYCADS/PALMS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	DIS	1	DIOON	DIOON SPINULOSUM	NO	15 GAL, 4' HT, 4' SP,
GRASSES	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	TRF	4	DWARF FAKAHATCHEE	TRIPSACUM FLORIDANA	YES	3 GAL, 2' HT, 2' SP, 20" O.C.
SHRUB AREAS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	EUF	47	SPANISH STOPPER	EUGENIA FOETIDA	YES	25 GALLON, 5 - 6' HT, FULL TO BASE
	POD	70	PODOCARPUS	PODOCARPUS MACROPHYLLUS	NO	5' HT, 2-3' SP, FULL, GRADE #1
	PSL	9	DWARF BAHAMA COFFEE	PSYCHOTRIA LIGUSTRIFOLIA	YES	7 GALLON, 2 - 3' HT, FULL TO BASE
GROUND COVERS	CODE	QTY	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIFICATIONS
	ARG	110	PERENNIAL PEANUT	ARACHIS GLABRATA	YES	1 GAL, 12" O.C., FULL
	CAM	159	DWARF CARISSA	CARISSA MACROCARPA 'EMERALD BLANKET'	NO	3 GAL, 12" O.C., FULL
	LIR	87	LILYTURF 'BIG BLUE'	LIRIOPE MUSCARI 'BIG BLUE'	NO	1 GAL, 12" O.C., FULL
	MIC	100	WART FERN	MICROSORUM SCOLOPENDRIA	NO	3 GAL, 12" O.C., FULL
	MOD	37	SWISS CHEESE PLANT	MONSTERA DELICIOSA	NO	3 GAL, 2' HT, 2' SP, 20" O.C.
	PBM	97	PHILODENDRON BURLE MARX	PHILODENDRON X 'BURLE MARX'	NO	3 GAL, 18" O.C., FULL
	TRJ	102	CONFEDERATE JASMINE	TRACHELOSPERMUM JASMINOIDES 'CONFEDERATE'	NO	3 GAL, 12" O.C., FULL
	SOD	1,070 SF	EMPIRE ZOYSIA	ZOYSIA X 'EMPIRE'	NO	

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.

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