



AI2 DESIGN CORP
(305) 520-9242

Revisions:

Blank lines for revisions.

Notes:



C.M.B. LANDSCAPE DRB FINAL SUBMITTAL 01.03.22
NEW RESIDENCE | 4774 NORTH BAY ROAD | MIAMI BEACH, FLORIDA

CLIENT / PROPERTY INFORMATION

PROPERTY ADDRESS
4774 NORTH BAY ROAD
MIAMI BEACH, FL 33140

EXISTING VEGETATION SUMMARY

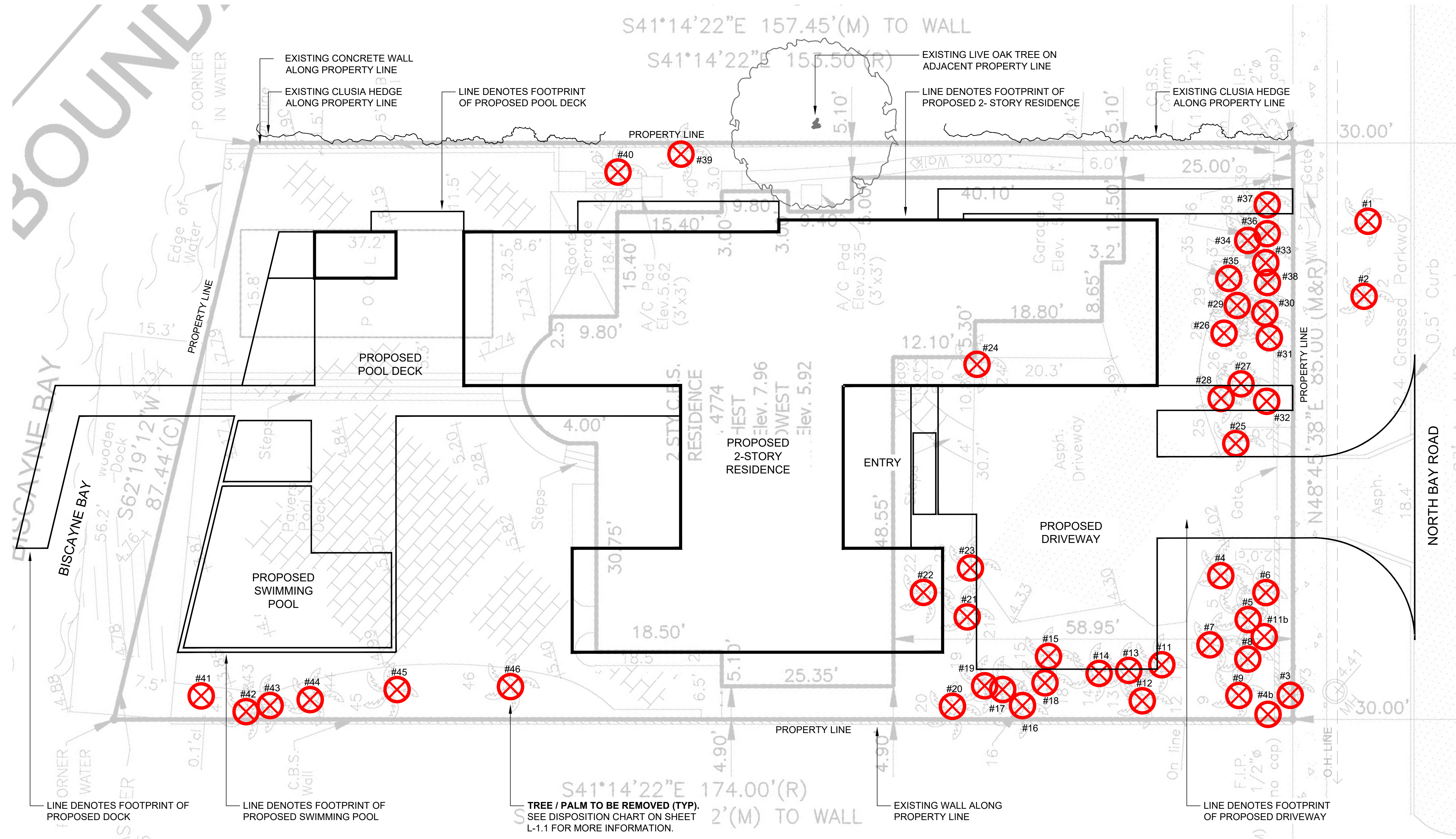
The existing vegetation located on the property is composed of mostly small palms, two norfolk island pines and three invasive umbrella trees. The landscape architect is requesting to remove all of the vegetation on site. Please note that the landscape architect intends to provide an improved landscape design that shall mitigate for the palm loss by introducing new native trees to the site and meet all landscape requirements set forth by C.M.B. Chapter 126.

SCOPE OF WORK

- New landscape design to complement new Residence

INDEX OF SHEETS

- L-0.0 Landscape Cover + Sheet Index
- L-1.0 Existing Tree Survey + Disposition Plan
- L-1.1 Existing Tree Chart, Mitigation Summary + Disposition Summary
- L-2.0 Landscape Plan
- L-3.0 Plant List, Landscape Legend + Details



C.M.B. EXISTING TREE SURVEY LEGEND

	TREE or PALM TO BE REMOVED. SEE CHART L-1.1.
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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 AMERICAN SERVICES OF MIAMI, CORP... DATED 09.17.21
- THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 12.06.21
- 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.
- 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 + DISPOSITION PLAN



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Revisions:

Notes:

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Scale:

Project: 2107-21



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Revisions:

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Scale:

Plot Date: 2021-12-20

C.M.B. EXISTING TREE INVENTORY + DISPOSITION CHART - 4774 NORTH BAY ROAD

NUMBER	COMMON NAME	BOTANICAL NAME	D.B.H. (IN)	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	MITIGATION	COMMENTS
1	PIGEON PLUM	Coccoloba deversifolia	6"	15'	8'	FAIR	REMOVE	6" DBH	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
2	PIGEON PLUM	Coccoloba deversifolia	6"	15'	8'	FAIR	REMOVE	6" DBH	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
3-4	CABBAGE PALM	Sabal palmetto	18"	15'	6'	FAIR	REMOVE	2 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
4b	NORFOLK ISLAND PINE	Araucaria heterophylla	18"	8'	8'	FAIR	REMOVE	18" DBH	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
5	CABBAGE PALM	Sabal palmetto	18"	8'	8'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
6	CABBAGE PALM	Sabal palmetto	12"	40'	8'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
7-8	CABBAGE PALM	Sabal palmetto	30"	25'	20'	FAIR	REMOVE	2 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
9-10	MACARTHUR PALM	Ptychosperma macarthur	5"	6'	2'	FAIR	REMOVE	N/A	SMALL PALM. NO MITIGATION REQUIRED
11	STRANGLER FIG	Ficus aurea	12"	30'	12'	FAIR	REMOVE	12" DBH	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
11b	UMBRELLA TREE	Schefflera actinophylla	12"	30'	12'	FAIR	REMOVE	N/A	INVASIVE SPECIES. NO MITIGATION REQUIRED
12-13	CABBAGE PALM	Sabal palmetto	24"	60'	50'	FAIR	REMOVE	2 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
14	MACARTHUR PALM	Ptychosperma macarthur	4"	15'	6'	FAIR	REMOVE	N/A	SMALL PALM. NO MITIGATION REQUIRED
15	MACARTHUR PALM	Ptychosperma macarthur	4"	15'	6'	FAIR	REMOVE	N/A	SMALL PALM. NO MITIGATION REQUIRED
16	MACARTHUR PALM	Ptychosperma macarthur	4"	15'	6'	FAIR	REMOVE	N/A	SMALL PALM. NO MITIGATION REQUIRED
17-20	CABBAGE PALM	Sabal palmetto	22"	50'	50'	FAIR	REMOVE	4 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
21	NORFOLK ISLAND PINE	Araucaria heterophylla	18"	35'	30'	FAIR	REMOVE	18" DBH	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
22	MONTGOMERY PALM	Veitchia arecina	18"	35'	30'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
23	BOUGAINVILLEA	Bougainvillea spectabilis	10"	35'	30'	FAIR	REMOVE	10" DBH	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
23b	MONTGOMERY PALM	Veitchia arecina	18"	50'	50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
24	SILVER PALM	Coccothrinax argentata	10"	25'	30'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
25	CABBAGE PALM	Sabal palmetto	24"	60'	60'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
26	CABBAGE PALM	Sabal palmetto	18"	50'	50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
27-28	ARECA PALM	Dypsis lutescens	6"	20'	20'	FAIR	REMOVE	N/A	SMALL PALM. NO MITIGATION REQUIRED
29	CABBAGE PALM	Sabal palmetto	12"	25'	15'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
30	MACARTHUR PALM	Ptychosperma macarthur	5"	18'	8'	FAIR	REMOVE	N/A	SMALL PALM. NO MITIGATION REQUIRED
31	CABBAGE PALM	Sabal palmetto	10"	20'	20'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
32	CABBAGE PALM	Sabal palmetto	18"	50'	50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
33	MONTGOMERY PALM	Ptychosperma macarthur	10"	30'	12'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
34	MONTGOMERY PALM	Ptychosperma macarthur	10"	25'	20'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
35	SILVER PALM	Coccothrinax argentata	24"	50'	30'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
36	CABBAGE PALM	Sabal palmetto	5"	20'	12'	FAIR	REMOVE	N/A	SMALL PALM. NO MITIGATION REQUIRED
37-38	CABBAGE PALM	Sabal palmetto	15"	18'	12'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
39	MONTGOMERY PALM	Ptychosperma macarthur	10"	25'	25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
40	MONTGOMERY PALM	Ptychosperma macarthur	10"	25'	25'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
41	SCREW PINE	Pandanus utilis	10"	25'	25'	FAIR	REMOVE	10" DBH	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
42	UMBRELLA TREE	Schefflera actinophylla	16"	50'	50'	FAIR	REMOVE	N/A	INVASIVE SPECIES. NO MITIGATION REQUIRED
43	SCREW PINE	Pandanus utilis	10"	60'	60'	FAIR	REMOVE	10" DBH	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
44	UMBRELLA TREE	Schefflera actinophylla	18"	50'	50'	FAIR	REMOVE	N/A	INVASIVE SPECIES. NO MITIGATION REQUIRED
45	RECLINATA PALM	Phoenix reclinata	18"	50'	50'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
46	RECLINATA PALM	Phoenix reclinata	18"	60'	60'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED

TOTAL TREE DBH LOSS: 82" + THE REMOVAL OF (28) PALMS *
 TREE MITIGATION REQUIRED: (28) REPLACEMENT TREES @ 12'HT x 2" DBH X 6' SPREAD
 PALM MITIGATION REQUIRED: (28) REPLACEMENT TREES @ 12'HT x 2" DBH X 6' SPREAD

CH. 46 TREE PRESERVATION + PROTECTION / TREE + PALM MITIGATION SUMMARY

TOTAL TREE DBH LOSS: 82"

REPLACEMENT TREES REQUIRED:
 (28) REPLACEMENT TREES REQUIRED @ 12' HEIGHT + 2" DBH + 6' SPREAD or (14) REPLACEMENT TREES REQUIRED @ 16' HEIGHT + 4" DBH + 8' SPREAD

REPLACEMENT TREES PROVIDED: 32 REPLACEMENT TREES PROVIDED @ 12'HT + 2" DBH

BREAKDOWN:
 - (3) NATIVE SILVER BUTTWOOD TREES @ 16' HEIGHT + 4" DBH + 8' SPREAD = 6 REPLACEMENT TREES
 - (11) NATIVE PIGEON PLUM TREES @ 16' HEIGHT + 4" DBH + 8' SPREAD = 22 REPLACEMENT TREES
 - (2) NATIVE PITCH APPLE TREES @ 16' HEIGHT + 4" DBH + 8' SPREAD = 4 REPLACEMENT TREES

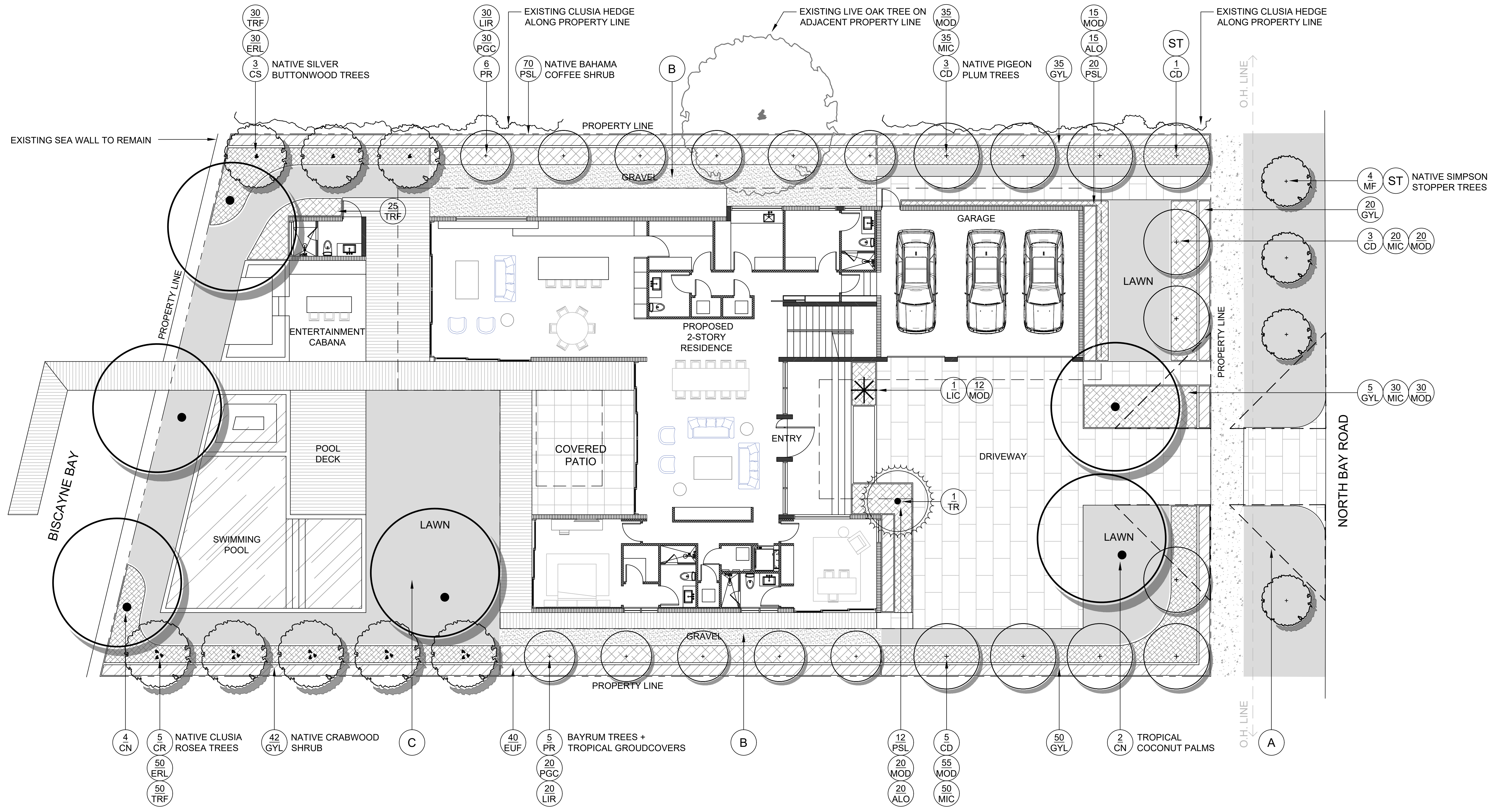
TOTAL PALMS REMOVED: 28 PALMS

REPLACEMENT TREES REQUIRED:
 (28) REPLACEMENT TREES REQUIRED @ 12' HEIGHT + 2" DBH + 6' SPREAD or (14) REPLACEMENT TREES REQUIRED @ 16' HT + 4" DBH + 8' SPREAD

REPLACEMENT TREES PROVIDED: 32 REPLACEMENT TREES PROVIDED @ 12'HT + 2" DBH

BREAKDOWN:
 - (3) NATIVE PITCH APPLE TREES @ 16' HEIGHT + 4" DBH + 8' SPREAD = 6 REPLACEMENT TREES
 - (4) NATIVE SIMPSONS STOPPER TREES @ 12' HEIGHT + 2" DBH + 6' SPREAD = 4 REPLACEMENT TREES
 - (11) BAYRUM TREES @ 16' HEIGHT + 4" DBH + 8' SPREAD = 22 REPLACEMENT TREES

TREE DISPOSITION SUMMARY				
	TOTAL	REMAIN	REMOVE	RELOCATE
TREES	8	0	8	0
PALMS	28	0	28	0



LANDSCAPE PLAN LEGEND

- (A) 15' VISIBILITY SITE TRIANGLE AS PER C.M.B. REGULATIONS
- (B) 3/8" GREY DECOMPOSED GRANITE AGGREGATE OVER FILTER FABRIC
- (C) NATIVE SEA SHORE PASPALUM LAWN - OVER 2" TOPSOIL BED, SEE PLANTING SPECS
- (ST) STREET TREE



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Revisions:

Notes:

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LANDSCAPE NOTES

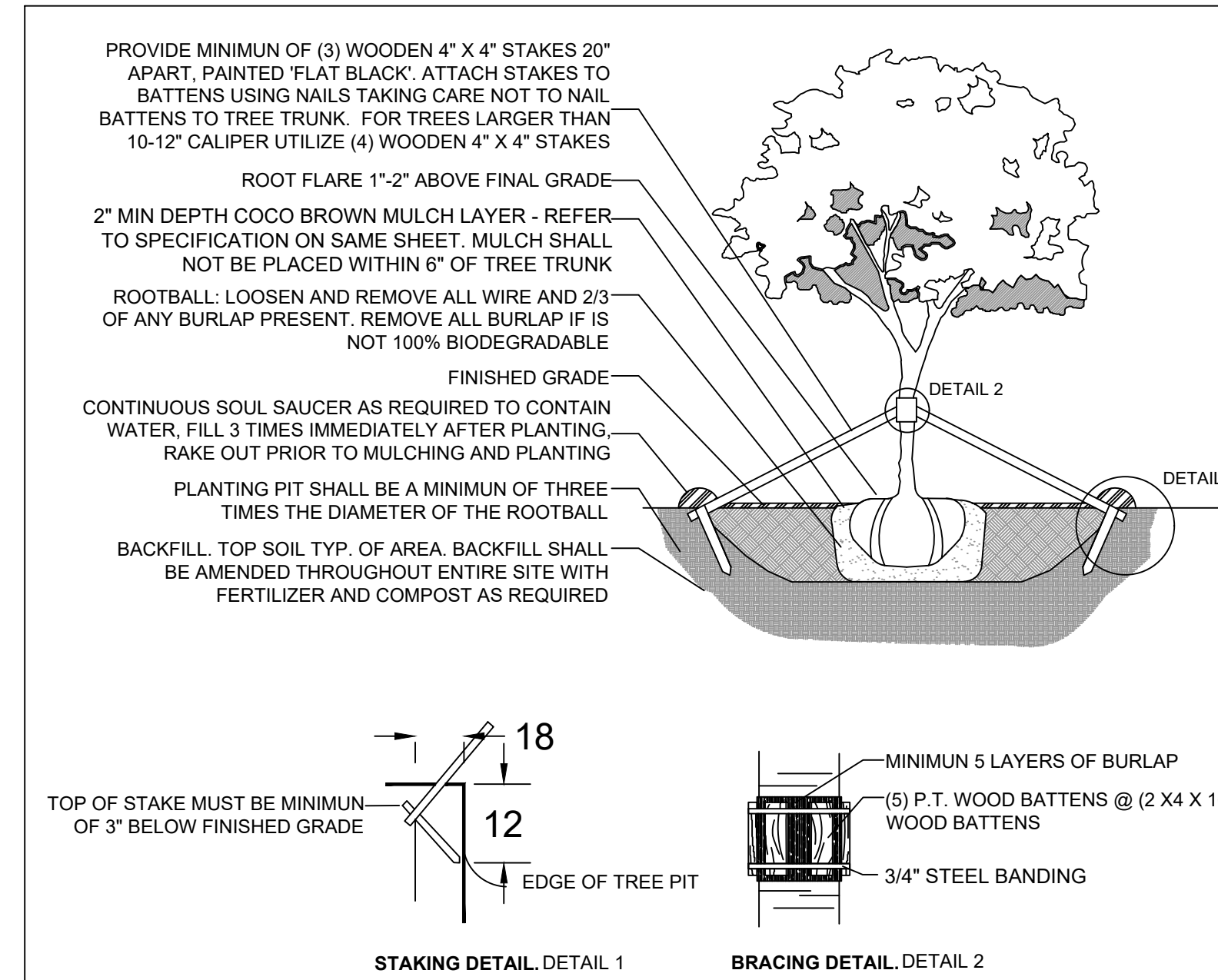
- ALL PLANT MATERIAL SHALL BE FLORIDA GRADE NO. 1 OR BETTER.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF, AVOID, AND PROTECT ALL UTILITY LINES, BURIED CABLES, AND OTHER UTILITIES.
- TREE, PALM, ACCENT AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 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.
CARE SHALL BE TAKEN TO AVOID PLACEMENT OF CONSTRUCTION FILL, GRAVEL, AND OR DEBRIS OVER THE ROOTBALLS OF INSTALLED OR EXISTING TREES AND OR PALMS ON SITE.
GROUNDCOVER PLANTING BEDS:
6" DEPTH PLANTING SOIL. SPREAD IN PLACE- THROUGHOUT.
SHRUB AND HEDGE PLANTING AREAS:
12" DEPTH PLANTING SOIL. SPREAD IN PLACE- THROUGHOUT.
TREES, PALMS, SPECIMEN PLANT MATERIAL LOCATIONS:
REMOVE ALL LIMEROCK PRESENT TO A DEPTH OF AT LEAST 30" BEFORE PLACING NEW PLANTING SOIL. APPLY NEW CLEAN PLANTING SOIL IN PLANTING AREA AS REQUIRED
- 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.
- THE LANDSCAPE CONTRACTOR SHALL CALCULATE AND SUBMIT AN ITEMIZED PRICE FOR THE 2" APPLICATION OF 50:50 MIX FOR ALL SOD AREAS AS A REFERENCE IN THE CASE THAT THERE WOULD BE A DISCREPANCY BETWEEN SITE AND LANDSCAPE CONTRACTORS AND NOTIFY THE SITE CONTRACTOR OR PROJECT SUPERINTENDENT AS TO THIS DISCREPANCY. IT WILL THEN BE DETERMINED WHICH PARTY WILL PROVIDE THIS 2" TOPSOIL:SAND APPLICATION AND SUBSEQUENT PAYMENT OTHER PLANTING SOIL MIXES TO BE ADDED, I.E. FOR TREES, PALMS, SPECIMEN PLANTS, SHRUBS AND GROUNDCOVERS SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR AND BE INCLUSIVE WITH THE LANDSCAPE BID.
- ALL EXISTING TREE + PALM INFORMATION THAT HAS BEEN PROVIDED ON THIS PLAN FOLLOWS THE CITY OF MIAMI BEACH TREE PERMITTING GUIDELINES. ANY TREES OR PALMS CONSIDERED INVASIVE OR THAT FALLS UNDER THE TREE PERMIT EXEMPTION / PROHIBITED SPECIES LIST 24-94 (4) MAY NOT BE SHOWN FOR CLARITY PURPOSES. ANY DISCREPANCIES IF NOTED UPON FURTHER FIELD INSPECTION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT.
- 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 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 PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" WITH APPROVED NATURAL SHREDDED COCO BROWN MULCH MULCH FREE FROM WEEDS AND PESTS. NO 'NUGGETS', 'CYPRESS MULCH' OR 'RED DYED MULCH' TO BE ACCEPTED. KEEP MULCH 6" AWAY FROM TREE OR PALM TRUNKS AS PER INDUSTRY RECOMMENDATIONS.
- ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE-YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.
- NURSERY SUPPORT POLES SHALL BE REMOVED AT THE NURSERY, PRIOR TO DELIVERY, AND TREES DELIVERED WITH NURSERY POLES WILL NOT BE ACCEPTED, AND THEREFORE REJECTED, w/ THE EXCEPTION TREE SPECIES: CLUSIA ROSEA + SILVER BUTTIONWOOD TREES.
- ALL TREES AND PALMS SHALL BE STAKED 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 ENSURE THAT THE PLANS, DETAILS, SPECIFICATIONS AND NOTES HAVE BEEN ADHERED TO AND THAT THE LANDSCAPE AND IRRIGATION INSTALLATION IS COMPLIANT TO ALL ITEMS AS DIRECTED ON THE PLANS PRIOR TO SCHEDULING OF THE FINAL INSPECTION.**
CONTRACTOR SHALL REMOVE ALL BRACING MATERIALS FROM ALL PALMS, TREES WITHIN 1 YEAR OF INSTALLATION.

- THE PLANT LIST IS INTENDED ONLY AS AN AID TO BIDDING. ANY DISCREPANCIES FOUND BETWEEN THE QUANTITIES ON THE PLAN AND PLANT LIST, THE QUANTITIES ON THE PLAN SHALL BE HELD VALID.
- IF NECESSARY, CONTRACTOR SHALL PROVIDE A WATER TRUCK DURING PLANTING TO ENSURE PROPER WATERING-IN DURING INSTALLATION AND CONTRACTOR WILL BE RESPONSIBLE FOR CONTINUAL WATERING UNTIL FINAL ACCEPTANCE BY THE OWNER.
A MINIMUM OF 6 MONTHS OF SUPPLEMENTAL HAND OR AUTOMATIC IRRIGATION SYSTEM WATERING SHALL BE REQUIRED TO AID IN NEW TREE OR PALM ESTABLISHMENT.
- 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 APPROVED EQUAL AS RECOMMENDED BY LANDSCAPE CONTRACTOR
- SHOULD ANY TREES OR PALMS BE DAMAGED THEY SHALL BE EVALUATED BY THE CITY URBAN FORESTER TO DETERMINE CORRECTIVE ACTIONS THAT MAY INCLUDE REMOVAL, CORRECTIVE PRUNING AND OR REPLACEMENT. ANY CORRECTIVE ACTION REQUIRED SHALL BE PERFORMED IN ACCORDANCE WITH A CITY OF MIAMI BEACH CODE, ANSI-A 300 PRUNING STANDARDS AND OR AN ISSUED ERM TREE PERMIT OR ENVIRONMENTAL PERMIT. ANY CORRECTIVE PRUNING REQUIRED SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST OR ASCA CONSULTING ARBORIST AND THE CITY URBAN FORESTER SHALL BE CONSULTED.
- ALL TREES + PALMS TO REMAIN OR BE RELOCATED ON SITE IN THE VICINITY OF CONSTRUCTION ACTIVITIES, SHALL BE PROTECTED THROUGH THE USE OF TREE PROTECTION BARRICADES INSTALLED AT THE TREE OR PALM DRIP LINE. A TREE PROTECTION FENCE SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING AND SHALL REMAIN IN PLACE UNTIL ON SITE CONSTRUCTION HAS BEEN COMPLETED.
- MULCH SHALL NOT BE APPLIED WITHIN 6" OF ANY TREE OR PALM TRUNK THAT IS INSTALLED OR INCORPORATED INTO THE PROJECT. FOR ROW TREES + PALMS, ALL MULCH SHALL BE AMERIGROW 'PREMIUM PINEBARK BROWN' SHREDDED MULCH OR A CITY APPROVED ALTERNATIVE.

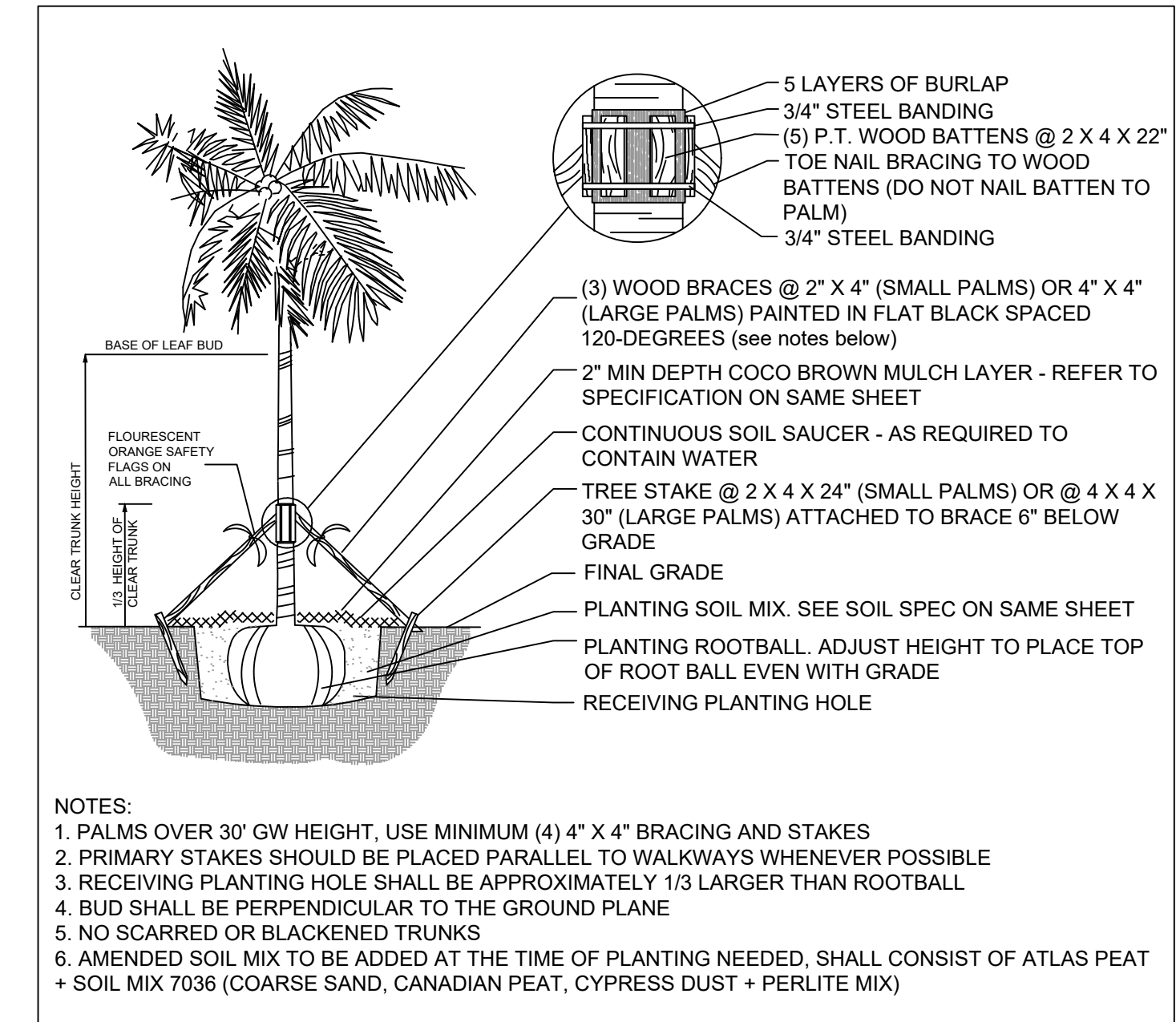
LANDSCAPE LEGEND

MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 26 (RS1 - RS4 Single Family Home Residential)

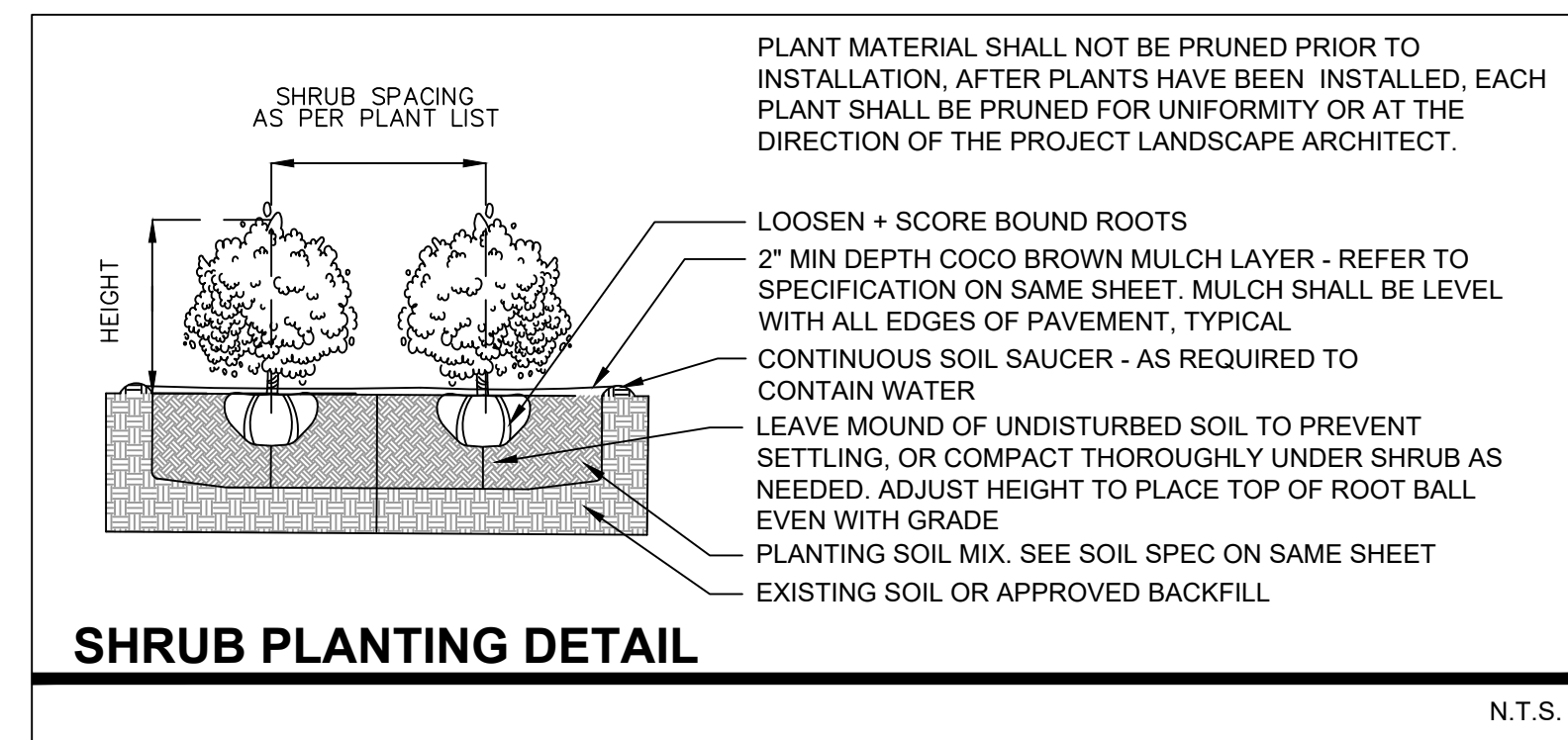
ZONING:	RS3	LOT SIZE:	14,365 SF	ACRES:	.33
MINIMUM STANDARDS		REQUIRED		PROVIDED	
TREES					
FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT		FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER LOT		FRONT YARD - 2 TREES PROVIDED BACK YARD - 3 TREES PROVIDED	
TOTAL OF 5 TREES REQUIRED FOR LOTS UP TO 6,000 SF. 1 ADDITIONAL TREE IS REQUIRED FOR EACH ADDITIONAL 1,000 SF OF LOT AREA.		TOTAL LOT AREA: 14,365 SF - 6,000 SF 5 TREES REQ + (8,365 / 1,000) = 14 TREES REQ OF LOT AREA.		34 TOTAL TREES PROVIDED	
MIN 30% OF REQUIRED TREES SHALL BE NATIVE SPECIES		30% x 14 = 5 TREES OF NATIVE SPECIES		23 TOTAL NATIVE TREES PROVIDED	
MIN 50% OF REQUIRED TREES SHALL BE LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES		50% x 14 = 7 TREES OF LOW MAINTENANCE AND DROUGHT TOLERANT SPECIES		23 TOTAL LOW MAINTENANCE TREES PROVIDED	
DIVERSITY OF 11 - 15 TOTAL TREES REQUIRED : 4 TREE SPECIES		4 TREE SPECIES		5 TREE SPECIES PROVIDED	
STREET TREES					
AVERAGE STREET TREE SPACING 20' ON CENTER		85 LINEAR FEET / 20 = 5 STREET TREES REQ		5 STREET TREES PROVIDED	
SHRUBS					
12 SHRUBS PER THE NUMBER OF REQUIRED LOT AND STREET TREES		12 x (19) = 228 TOTAL SHRUBS REQUIRED		289 TOTAL SHRUBS PROVIDED	
MIN 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES		50% x 228 = 114 SHRUBS OF NATIVE SPECIES		289 TOTAL NATIVE SHRUBS PROVIDED	
MIN 10% OF REQUIRED SHRUBS SHALL BE LARGE SHRUBS OR SMALL TREES		10% x 228 = 23 TOTAL LARGE SHRUBS		187 TOTAL LARGE SHRUBS PROVIDED	
MIN 50% OF REQUIRED LARGE SHRUBS SHALL BE NATIVE SPECIES		50% x 23 = 12 LARGE SHRUBS OF NATIVE SPECIES		187 TOTAL NATIVE LARGE SHRUBS	
LAWN					
LAWN SHALL BE MAXIMUM OF 50 % OF REQUIRED LANDSCAPE AREA		LAWN AREAS ARE LESS THAN 50% OF 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	



C.M.B. LARGE TREE PLANTING DETAIL



C.M.B. PALM PLANTING DETAIL



PLANT LIST - 4774 NORTH BAY ROAD

KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
CS	3	YES	SILVER BUTTIONWOOD	Conocarpus erectus 'Sericeus'	16' ht min, 8' spread min, 4" dbh, multi-trunk
CD	11	YES	PIGEON PLUM TREE	Coccoloba diversifolia	16' ht min, 8' spread min, 4" dbh, standard
CR	5	YES	PITCH APPLE TREE	Clusia rosea	16' ht min, 8' spread min, 4" dbh, 5' clear trunk standard
MF	4	YES	SIMPSON STOPPER TREE	Myrciathnes fragrans	12' ht min, 6' spread min, 2" dbh, 5' clear trunk standard
PR	11	NO	BAYRUM TREE	Pimenta racemosa	16' ht min, 8' spread min, 4" dbh, 5' clear trunk, standard trunk
PALMS					
CN	6	NO	COCONUT PALM	Cocos nucifera 'Maypan'	10-12' gray wood, Florida Fancy, leaning, as shown on plan
TR	1	YES	THATCH PALM	Thrinax radiata	7' ht, double, as shown on plan
SHRUBS					
EUJ	40	YES	SPANISH STOPPER SHRUB	Eugenia foetida	15 gallon, 5' height, 2' spread, 30" on center
GYL	147	YES	CRABWOOD SHRUB	Gymnanthes lucida	15 gallon, 5-6' height, 2' spread, 30" on center
PSL	102	YES	DWARF BAHAMA COFFEE SHRUB	Psychotria ligustrifolia	7 gallon, 2' - 3' height, 30" spread
GROUNDCOVERS + ACCENTS					
ALO	35	NO	ALOCASIA 'ELEPHANT EAR'	Same	7 gallon, 24" on center, full
ERL	80	YES	GOLDEN BEACH CREEPER	Ermodeia littoralis	1 gallon, 12" on center, full
LIC	1	NO	LICUALA PALM	Licuala grandis	15 gallon, 17" on center, full
LIR	1	NO	LILYTURF	Liriope muscari	1 gallon, 12" on center, full
MIC	135	NO	WART FERN	Microsorium scolopendrium	1 gallon, 12" on center, full
MOD	187	NO	SWISS CHEESE PLANT	Monstera deliciosa	7 gallon, 3' height, 30" spread, full
PGC	50	NO	PHILODENDRON 'GREEN CONGO'	Same	3 gallon, 18" on center, full
TRF	105	YES	DWARF FAKAHATCHEE	Tripsacum floridiana	1 gallon, 18" on center, full
SOD, AGGREGATE & MULCH					
SOD	+/- 2,171 SF		NATIVE SEA SHORE PASPALUM LAWN - OVER 2" TOPSOIL BED, SEE PLANTING SPECS		
DGA	+/- 514 SF		3/8" DECOMPOSED GRANITE AGGREGATE OR STONE TO BE SELECTED, INSTALLED OVER FILTER FABRIC AND WEED BARRIER MATERIAL / OLIMAR, 2" MIN. DEPTH		
MLC			AMERIGROW 'PREMIUM PINEBARK BROWN' SHREDDED MULCH		
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.					

PLANT LIST, LANDSCAPE LEGEND + DETAILS

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Plot Date: 2021-12-20

Project: 2107-21



AI2 DESIGN CORP
(305) 520-9242

Revisions:

Notes:

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Scale: