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CLIENT / PROPERTY INFORMATION
PROPERTY ADDRESS
315 W SAN MARINO DRIVE,
MIAMI BEACH, FLORIDA 33139

SCOPE OF WORK
• NEW LANDSCAPE TO COMPLIMENT
NEW RESIDENCE



VLASIUK RESIDENCE
315 W SAN MARINO DRIVE
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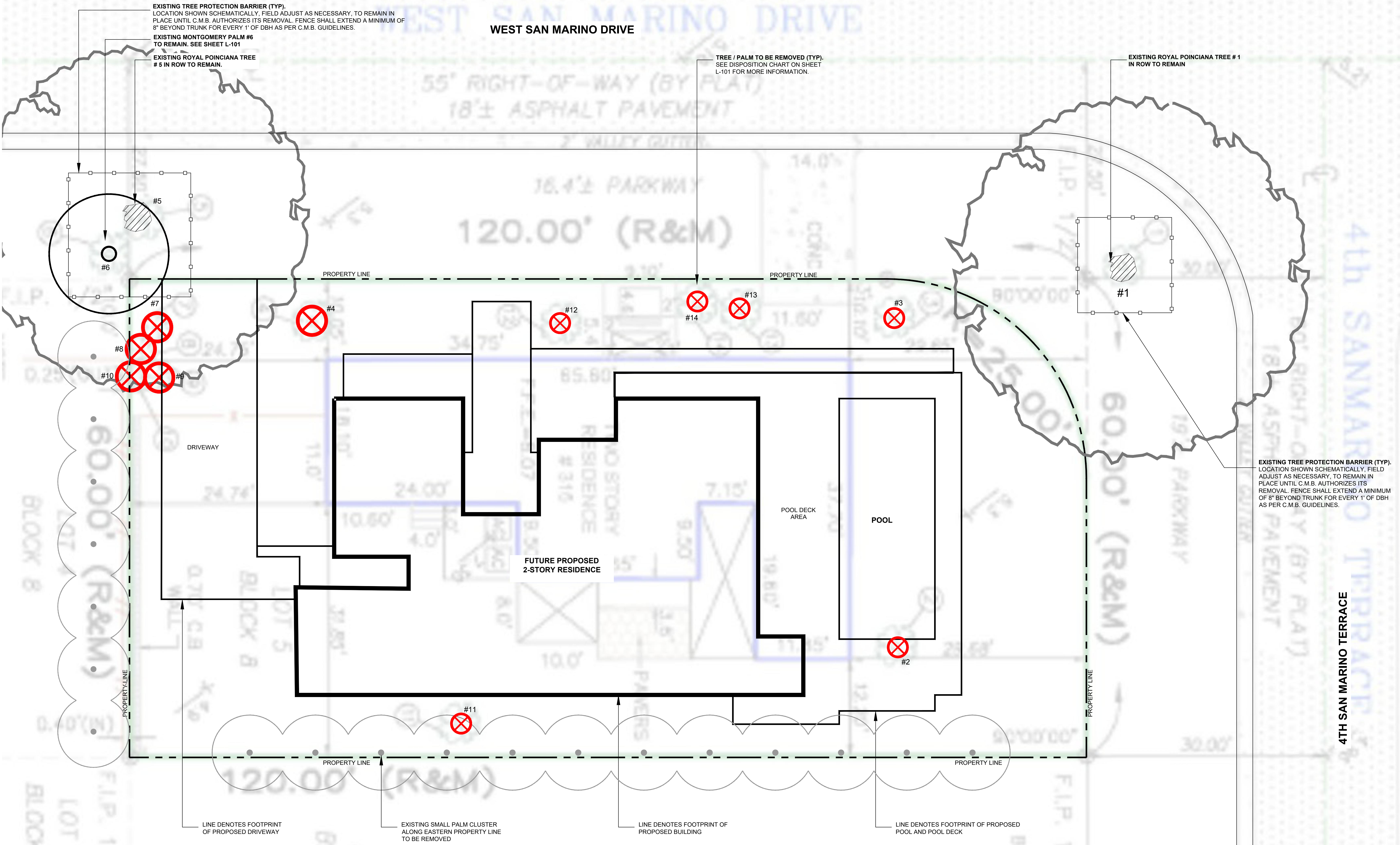
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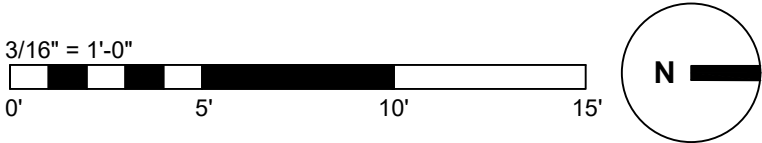
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C.M.B. EXISTING TREE SURVEY LEGEND	
	TREE or PALM TO BE REMOVED. SEE CHART L-101.
	TREE or PALM TO REMAIN. PRESERVE + PROTECT
	TREE or PALM PROTECTION FENCE

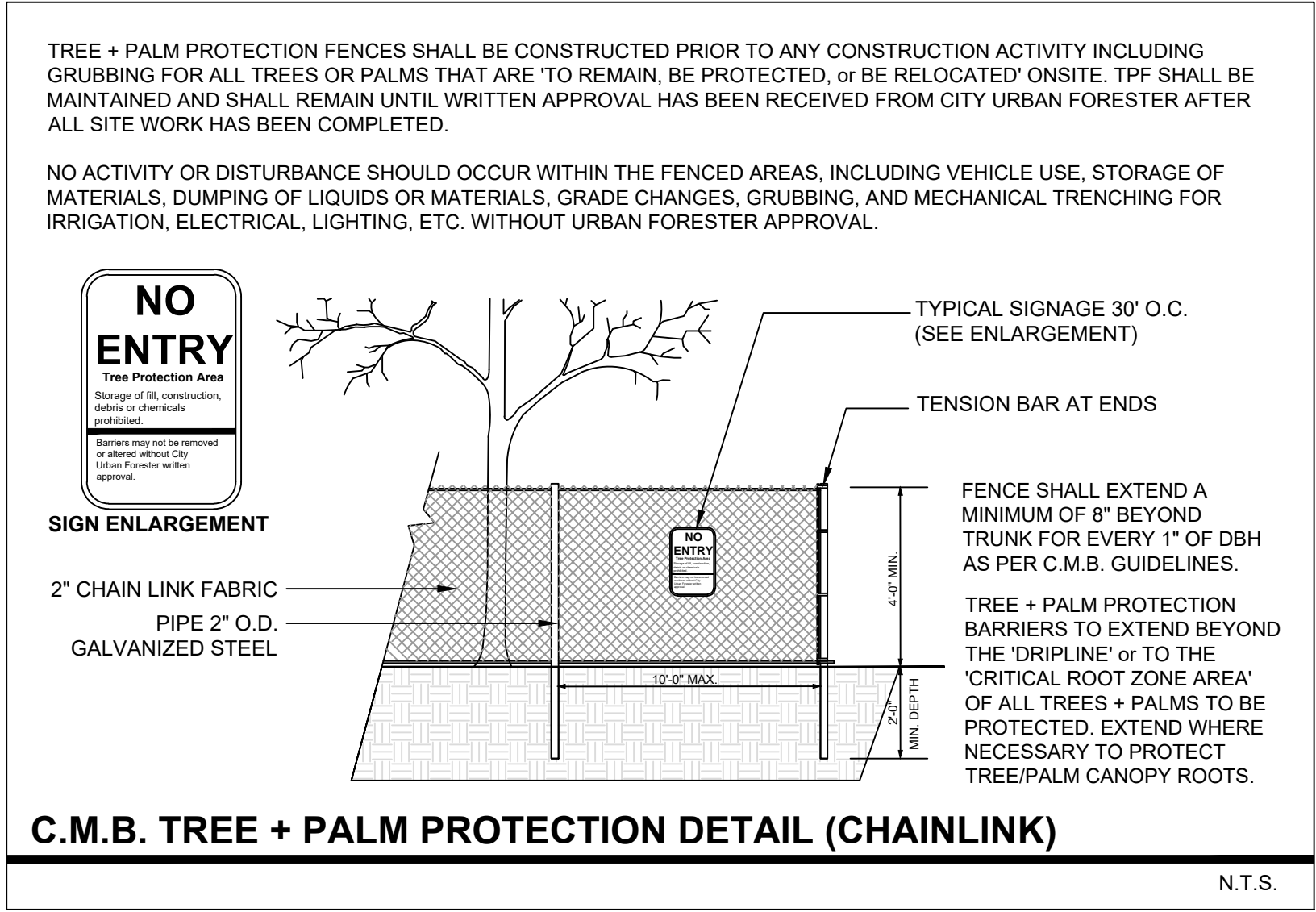
EXISTING TREE SURVEY + DISPOSITION PLAN



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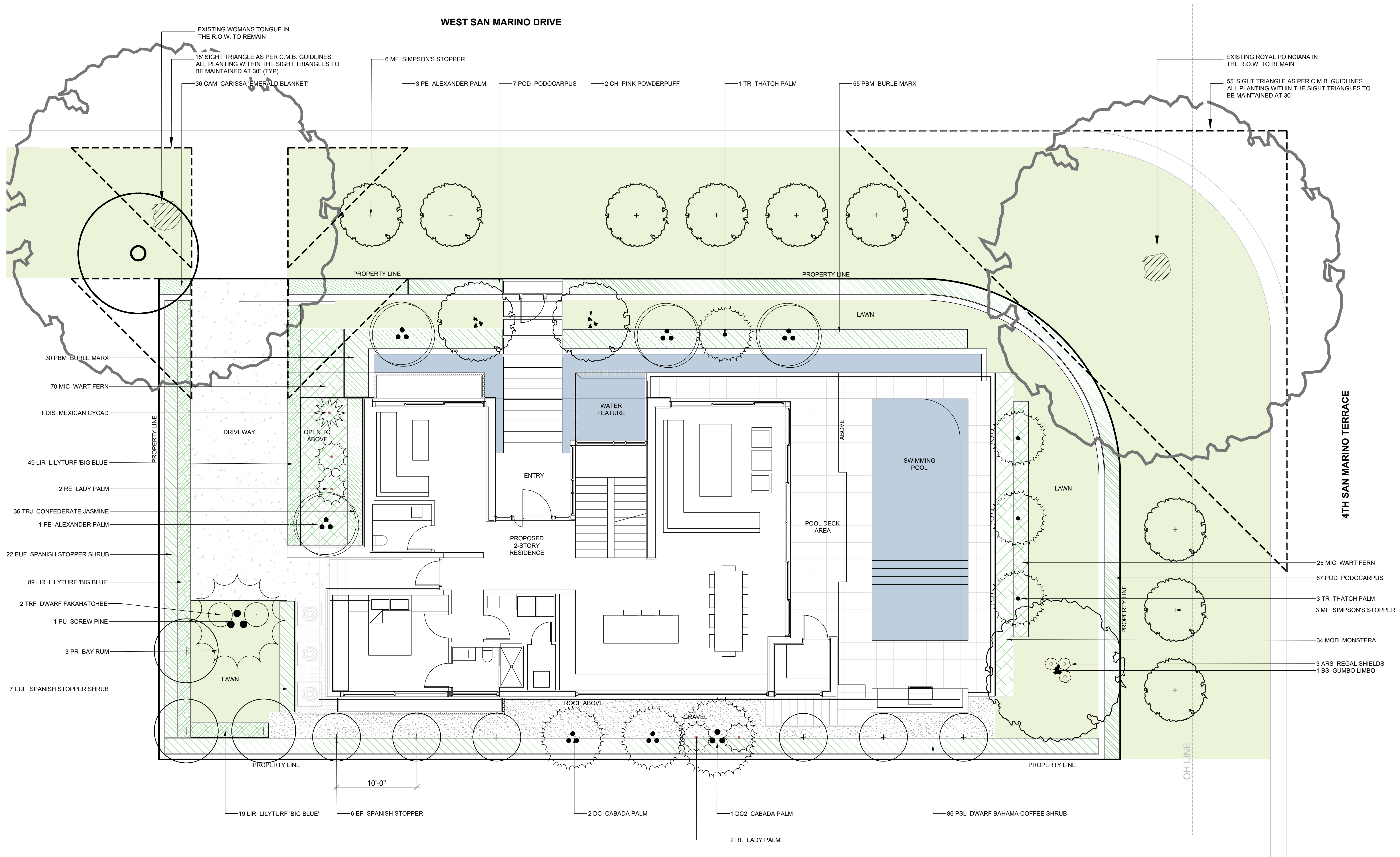
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C.M.B. EXISTING TREE INVENTORY + DISPOSITION CHART - ADDRESS										
NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	D.B.H. (IN)	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	MITIGATION	COMMENTS
#1	ROYAL POINCIANA TREE	Delonix regia	YES	+/- 40"	+/- 40'	+/- 30'	FAIR	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION.
#2	MANGO TREE	Mangifera indica	YES	+/- 13"	+/- 30'	+/- 20'	FAIR	REMOVE	13" DBH	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#3	MONTGOMERY PALM	Veitchia montgomeryana	NO	+/- 12"	+/- 45'	+/- 15'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#4	ROYAL PALM	Roystonea regia	YES	+/- 21"	+/- 50'	+/- 15'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#5	WOMAN'S TONGUE	Albizia lebbek	YES	+/- 21"	+/- 45'	+/- 30'	FAIR	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION.
#6	MONTGOMERY PALM	Veitchia montgomeryana	NO	+/- 12"	+/- 40'	+/- 10'	FAIR	REMAIN	N/A	LOCATED ON ADJACENT PROPERTY
#7	MONTGOMERY PALM	Veitchia montgomeryana	NO	+/- 12"	+/- 40'	+/- 10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#8	MONTGOMERY PALM	Veitchia montgomeryana	NO	+/- 12"	+/- 40'	+/- 10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#9	ROYAL PALM	Roystonea regia	YES	+/- 12"	+/- 40'	+/- 10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#10	ROYAL PALM	Roystonea regia	NO	+/- 12"	+/- 40'	+/- 10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#11	MONTGOMERY PALM	Veitchia montgomeryana	NO	+/- 12"	+/- 40'	+/- 10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#12	MONTGOMERY PALM	Veitchia montgomeryana	NO	+/- 12"	+/- 40'	+/- 10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#13	MONTGOMERY PALM	Veitchia montgomeryana	NO	+/- 12"	+/- 40'	+/- 10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
#14	MONTGOMERY PALM	Veitchia montgomeryana	NO	+/- 12"	+/- 40'	+/- 10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN. MITIGATION PROVIDED
TOTAL TREE DBH LOSS: 13" + THE REMOVAL OF (10) PALMS *										
TREE MITIGATION REQUIRED: (6) REPLACEMENT TREES @ 12"HT x 2" DBH X 6' SPREAD										
PALM MITIGATION REQUIRED: (10) REPLACEMENT TREES @ 12"HT x 2" DBH X 6' SPREAD										

TREE + PALM MITIGATION SUMMARY		
CH 46 TREE PRESERVATION + PROTECTION		
MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 46 ENVIORNMENT		
TREES		
REMOVED (TOTAL DBH OF TREES)	REPLACEMENT TREES REQ.	REPLACEMENT TREES PROVIDED
13" OF DBH	6 @ 12' HT + 2" DBH + 6' SP OR 3 @ 16' HT + 4" DBH + 8' SP	6 REPLACEMENT TREES PROVIDED @ 12' HT' + 2" DBH + 6' SP BREAKDOWN: (6) NATIVE SIMPSON'S STOPPER TREES @ 12' HT + 2" DBH + 6' SP = 6 REPLACEMENT TREES
PALMS		
REMOVED (TOTAL PALMS)	REPLACEMENT TREES REQ.	REPLACEMENT TREES PROVIDED
10	10 @ 12' HT + 2" DBH + 6' SP OR 5 @ 16' HT + 4" DBH + 8' SP	10 REPLACEMENT TREES PROVIDED @ 12' HT' + 2" DBH + 6' SP BREAKDOWN: (3) NATIVE SIMPSON'S STOPPER TREES @ 12' + 2" DBH + 6' SP = 3 REPLACEMENT TREES (1) NATIVE SPANISH STOPPER TREE @ 12' + 2" DBH + 6' SP = 1 REPLACEMENT TREES (3) BAY RUM TREES @ 16' + 4" DBH + 8' SP = 6 REPLACEMENT TREES

TREE DISPOSITION SUMMARY				
	TOTAL	REMAIN	REMOVE	RELOCATE
TREES	3	2	1	0
PALMS	11	1	10	0



PLANTING 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. CARE SHALL BE TAKEN TO AVOID PLACEMENT OF CONSTRUCTION FILL, GRAVEL, AND OR DEBRIS OVER THE ROOT BALLS 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 AREAS AS REQUIRED.
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.

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 GROUNDCOVER SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR AND BE INCLUSIVE WITH THE LANDSCAPE BID.
7.

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.
8.

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 12" IRRIGATION REQUIREMENTS SHALL BE STRICTLY ADHERED TO FOR INSTALLATION AND PREVAILING WATER MANAGEEMNT 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 SLEEIVING AND PIPE ROUTING. ALL UNDERGROUND UTILITIES TO BE LOCATED BY DIALING 811 AS REQUIRED BY LAW.
9.

ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" w/ APPROVED NATURAL SHREDDDED 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.
10.

ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE-YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.
11.

NURSERY SUPPORT POLES SHALL BE REMOVED AT THE NURSERY, PRIOR TO TO DELIVERY, AND TREES DELIVERED WITH NURSERY POLES WILL NOT BE ACCEPTED; AND THEREFORE REJECTED, w/ THE EXCEPTION TREE SPECIES: CLUSIA ROSEA + SILVER BUTTONWOOD TREES
12.

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.
13.

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.
14.

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.
15.



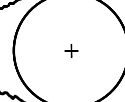
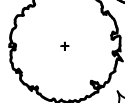

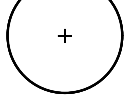
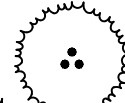
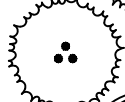
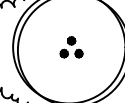
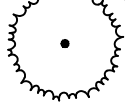

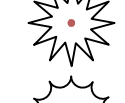

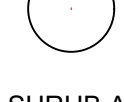

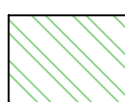
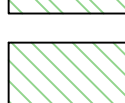
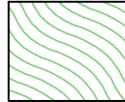




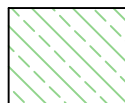
FERTILIZATION: ONE COMPLETE APPLICATION OF GRANULAR FERTILIZER SHALL BE APPLIED PRIOR TO FINAL ACCEPTANCE AND APPROVAL BY THE LANDSCAPE ARCHITECT. FERTILIZER SHALL BE SCOTTS AGRIFORM 20-10-5 PLANTING TABS OR APPROVED EQUAL AS RECOMMENDED BY LANDSCAPE CONTRACTOR
16.

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.
17.

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.
18.

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' SHREDDDED MULCH OR A CITY APPROVED ALTERNATIVE.

PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	NATIVE	SPECIFICATIONS
	BS	1	BURSERA SIMARUBA	GUMBO LIMBO	YES	20' HT, 10' SP, 6" DBH, STANDARD
	CH	2	CALLIANDRA HAEMATOCEPHALA	PINK POWDERPUFF	NO	16' HT, 8' SP, 4" DBH, MULTI-TRUNK
	EF	6	EUGENIA FOETIDA	SPANISH STOPPER	YES	12' HT, 6' SP, 2" DBH, STANDARD, 5' CLEAR TRUNK
	MF	9	MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	YES	12' HT, 6' SP, 2" DBH, STANDARD, 5' CLEAR TRUNK
	PU	1	PANDANUS UTILIS	SCREW PINE	NO	FIELD GROWN, 20 - 22' OA HT,SPECIMEN
	PR	3	PIMENTA RACEMOSA	BAY RUM	NO	16' HT, 8' SP, 4" DBH, STANDARD
PALMS	CODE	QTY	BOTANICAL NAME	COMMON NAME	NATIVE	SPECIFICATIONS
	DC2	1	DYPSIS CABADAE	CABADA PALM	NO	FIELD GROWN, 16' HT, MULTI, FULL TO BASE
	DC	2	DYPSIS CABADAE	CABADA PALM	NO	FIELD GROWN, 20 - 22' OA HT, FULL TO BASE
	PE	4	PTYCHOSPERMA ELEGANS	ALEXANDER PALM	NO	16 - 18' OA HT, TRIPLE TRUNKS
	TR	4	THRINAX RADIATA	THATCH PALM	YES	7 - 8' HT, 5' SP, SINGLE LEADER, FLORIDA FANCY
ACCENTS	CODE	QTY	BOTANICAL NAME	COMMON NAME	NATIVE	SPECIFICATIONS
	ARS	3	ALOCASIA X 'REGAL SHIELDS'	REGAL SHIELDS	NO	7 GALLON, 4' HT, 3' SP, SHADE GROWN
CYCADS/PALMS	CODE	QTY	BOTANICAL NAME	COMMON NAME	NATIVE	SPECIFICATIONS
	DIS	1	DIOON SPINULOSUM	MEXICAN CYCAD	NO	15 GALLON, 4' HT, 4' SPREAD, SHADE GROWN
	RE	4	RHAPIS EXCELSA	LADY PALM	NO	7 GALLON, 4' HT, 3' SP, SHADE GROWN, FULL TO BASE
GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	NATIVE	SPECIFICATIONS
	TRF	2	TRIPSACUM FLORIDANA	DWARF FAKAHATCHEE	YES	3 GALLON, 2.5' HT, 2.5' SP, FULL
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	NATIVE	SPECIFICATIONS
	EUF	29	EUGENIA FOETIDA	SPANISH STOPPER SHRUB	YES	25 GALLON, 5 - 6' HT, FULL TO BASE
	POD	74	PODOCARPUS MACROPHYLLUS	PODOCARPUS	NO	15 GALLON, 5' HT, FULL TO BASE
	PSL	86	PSYCHOTRIA LIGUSTRIFOLIA	DWARF BAHAMA COFFEE SHRUB	YES	7 GALLON, 2 - 3' HT, FULL TO BASE
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	NATIVE	
	CAM	36	CARISSA MACROCARPA 'EMERALD BLANKET'	CARISSA 'EMERALD BLANKET'	NO	
	LIR	157	LIRIOPE MUSCARI 'BIG BLUE'	LILYTURF 'BIG BLUE'	NO	
	MIC	95	MICROSORUM SCOLOPENDRIA	WART FERN	NO	
	MOD	34	MONSTERA DELICIOSA	MONSTERA	NO	
	PBM	85	PHILODENDRON X 'BURLE MARX'	BURLE MARX	NO	
	TRJ	36	TRACHELOSPERMUM JASMINOIDES 'CONFEDERATE'	CONFEDERATE JASMINE	NO	

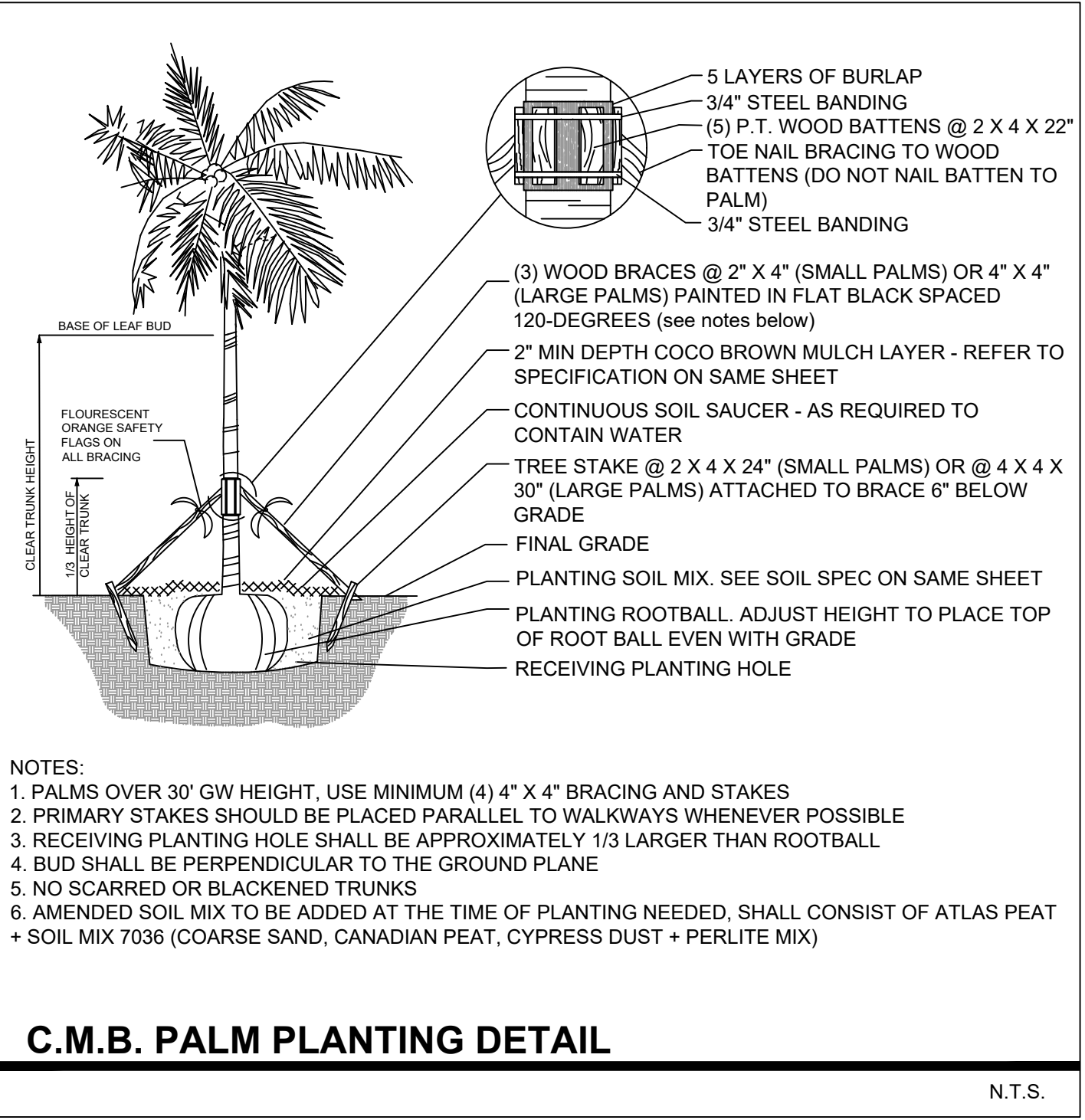
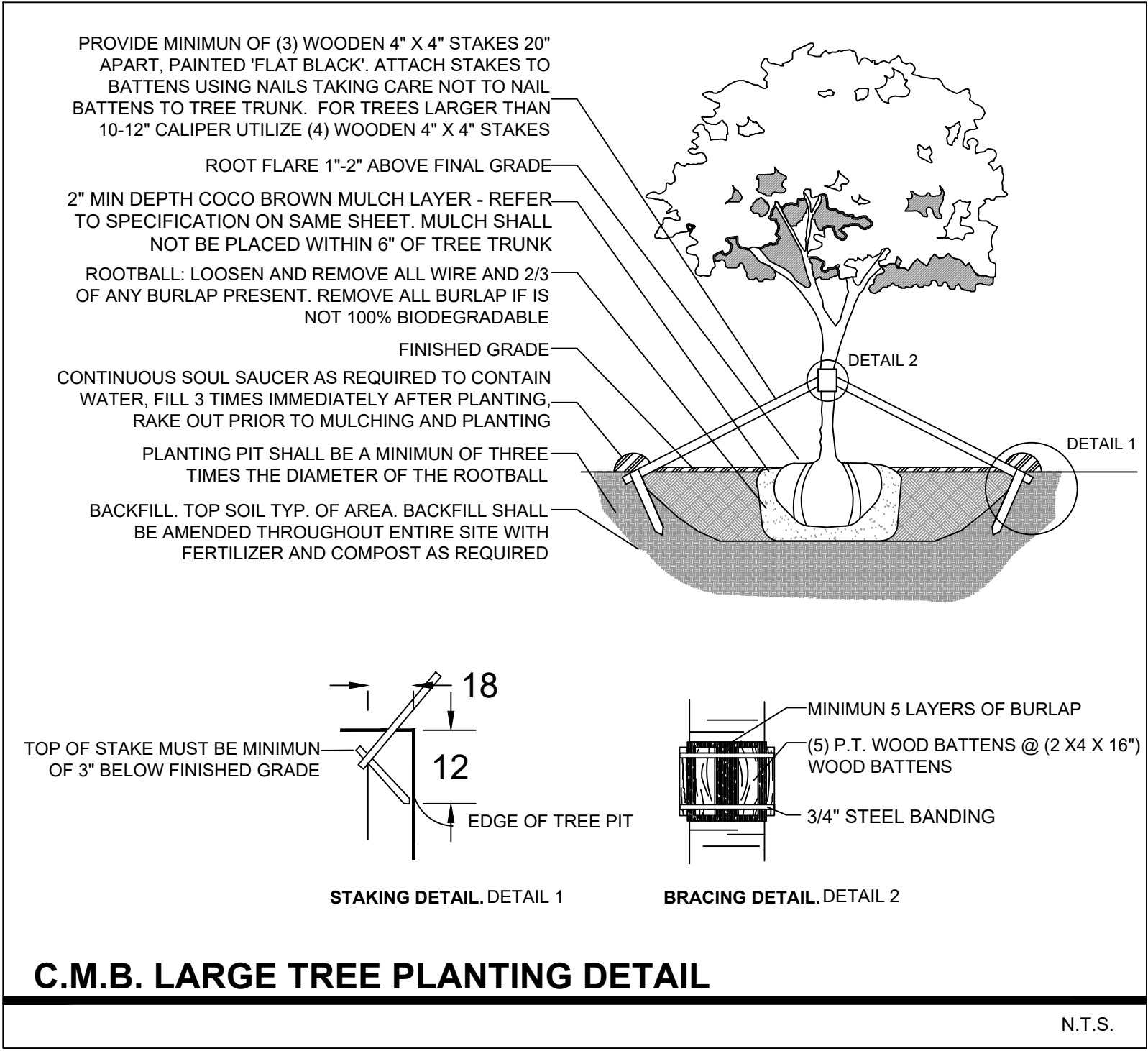
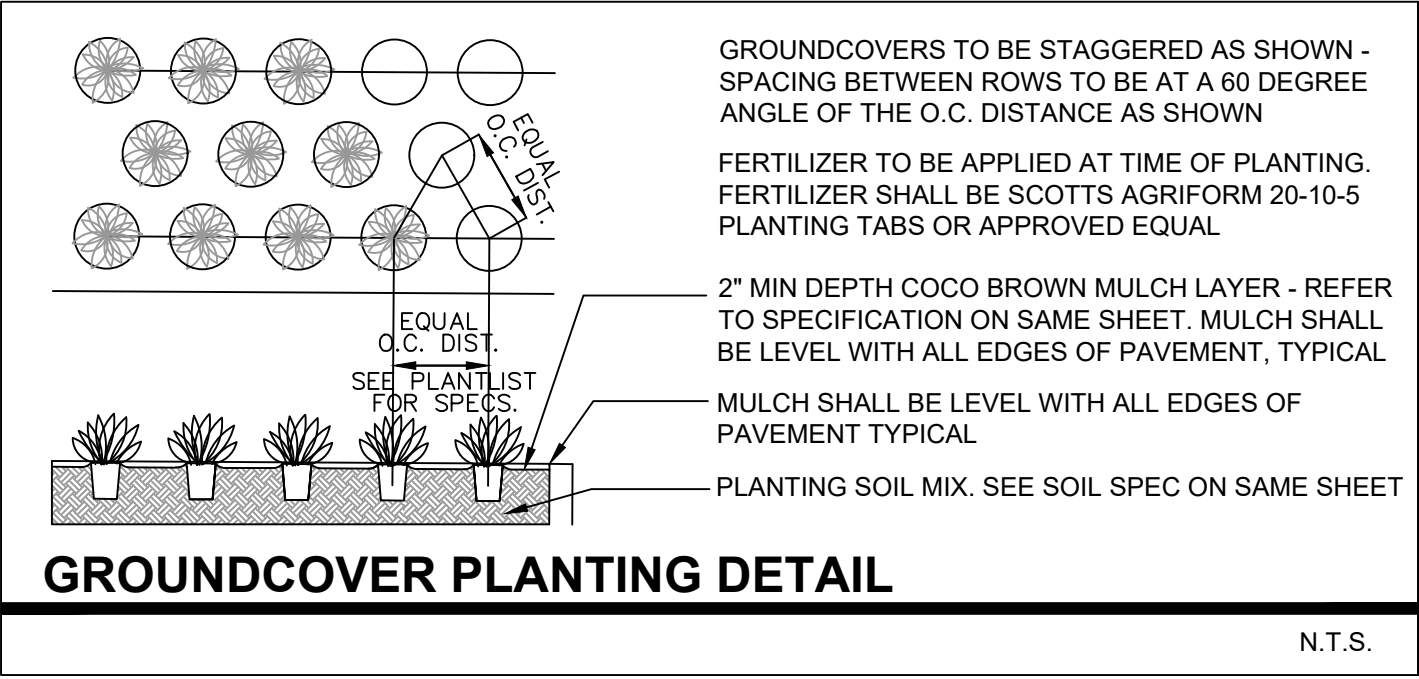
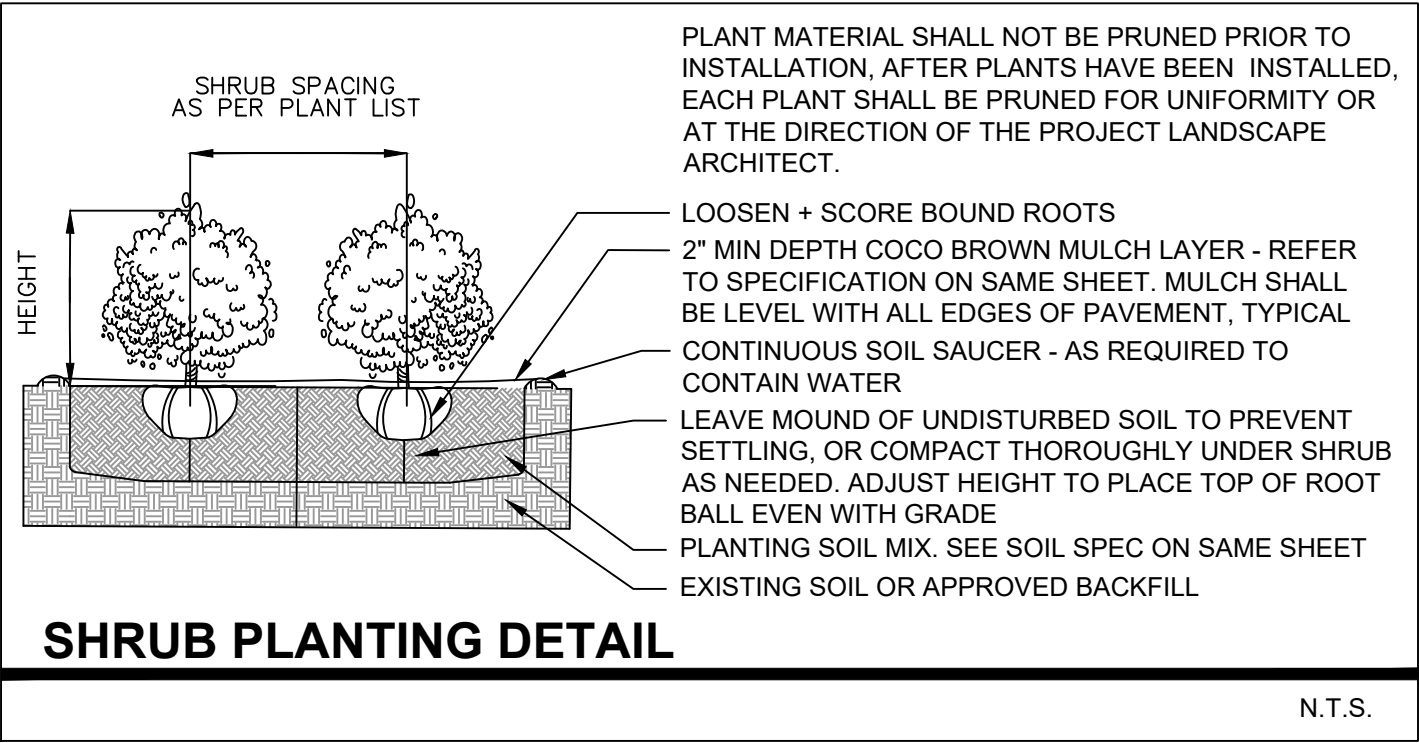
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LANDSCAPE LEGEND		
MIAMI BEACH LANDSCAPE ORDINANCE CHAPTER 126 (RS1 - RS4 Single Family Home Residential)		
ZONING: RS- 4	LOT SIZE: 7,200 SF	ACRES: .16
MINIMUM STANDARDS	REQUIRED	PROVIDED
TREES		
FRONT YARD - 2 TREES PER LOT BACK YARD - 3 TREES PER 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: 7,200 SF - 6,000 SF 5 TREES REQ + (1,200 SF / 1,000) = 7 TREES REQ	13 TOTAL TREES PROVIDED
MIN 30% OF REQUIRED TREES SHALL BE NATIVE SPECIES	30% x 7 = 2 TREES OF NATIVE SPECIES	7 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	5 TREE SPECIES PROVIDED
STREET TREES		
AVERAGE STREET TREE SPACING 20' ON CENTER	180 LINEAR FEET / 20 = 9 STREET TREES REQ	9 STREET TREES PROVIDED
SHRUBS		
12 SHRUBS PER THE NUMBER OF REQUIRED LOT AND STREET TREES	12 x (TOTAL LOT + STREET TREES) = 192 TOTAL SHRUBS REQUIRED	225 TOTAL SHRUBS PROVIDED
MIN 50% OF REQUIRED SHRUBS SHALL BE NATIVE SPECIES	50% x 192 = 96 SHRUBS OF NATIVE SPECIES REQ	115 TOTAL NATIVE SHRUBS PROVIDED
MIN 10% OF REQUIRED SHRUBS SHALL BE LARGE SHRUBS or SMALL TREES	10% x 192 = 20 TOTAL LARGE SHRUBS REQ	103 TOTAL LARGE SHRUBS PROVIDED
MIN 50% OF REQUIRED LARGE SHRUBS SHALL BE NATIVE SPECIES	50% x 20 = 10 LARGE SHRUBS OF NATIVE SPECIES REQ	29 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