



C.M.B. LANDSCAPE FINAL DRB SUBMITTAL - 07.06.21
NEW RESIDENCE | 2702 ALTON ROAD | MIAMI BEACH, FLORIDA

CLIENT / PROPERTY INFORMATION

PROPERTY ADDRESS
 2702 ALTON ROAD
 MIAMI BEACH, FL 33140

EXISTING VEGETATION SUMMARY

The existing vegetation located on the property is composed of mostly palms and a few trees. The landscape architect is requesting to remove most of the vegetation on site with the exception of the two large strangler figs along the Northern property line and the two Mahogany trees located within the right of way. Please note that the landscape architect intends to provide an improved landscape design that shall mitigate for the palm and tree 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, Notes + Details
- L-2.0 Landscape Plan
- L-3.0 Plant List, Landscape Notes + Details

Christopher Cawley
 2021.06.30 11:27:30
 -04'00'

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 KEY BISCAYNE, FLORIDA 33149
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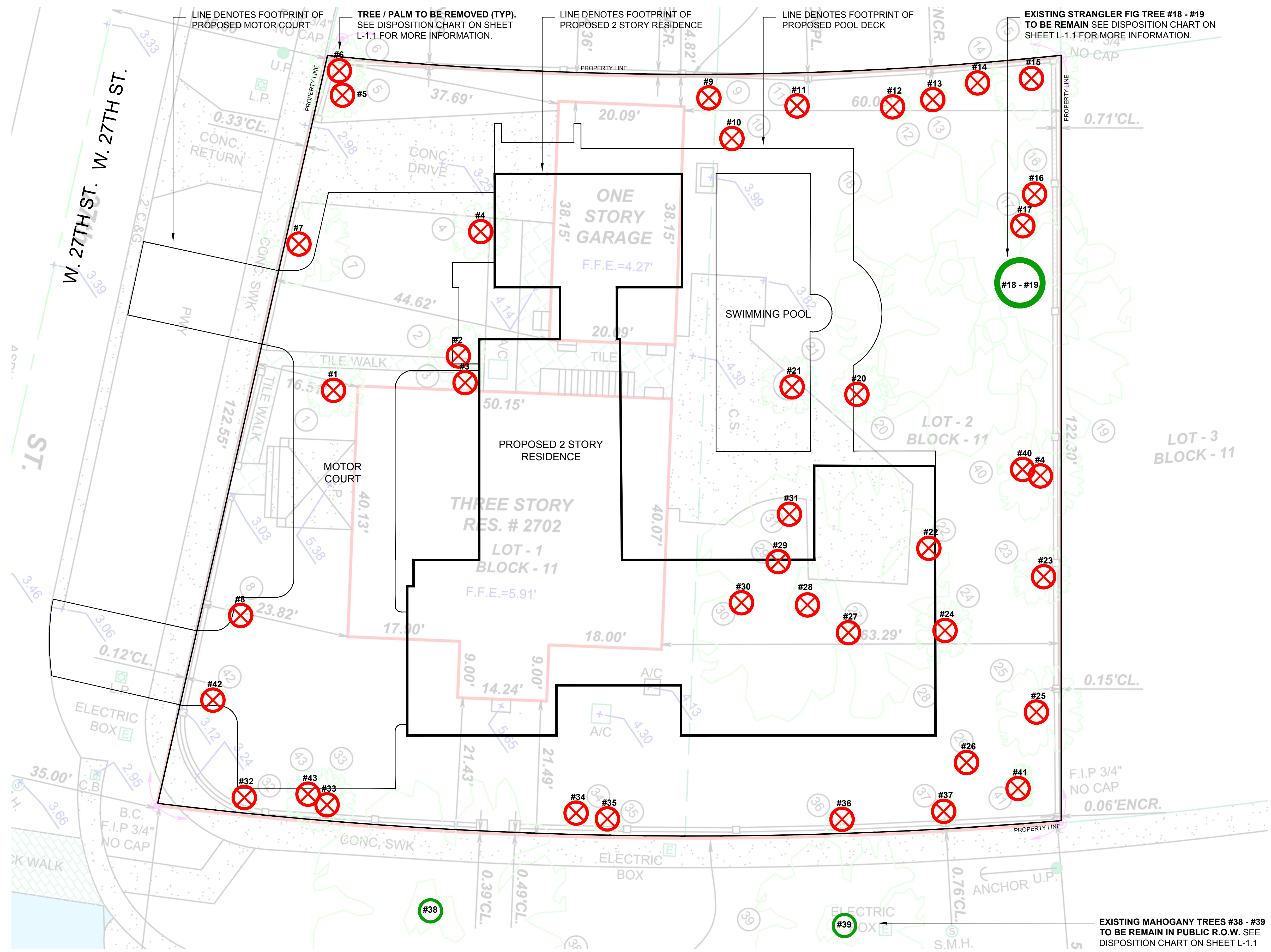
PROPOSED RESIDENCE
 2702 ALTON ROAD
 MIAMI BEACH, FL 33140
 FOLIO #02-3227-008-0600

DATE: 06.02.2021
 DRAWN BY: GSL

REVISION: / DATE

SHEET TITLE:
**LANDSCAPE
 COVER + SHEET
 INDEX**

SHEET No.
L-0.0



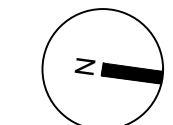
C.M.B. EXISTING TREE SURVEY LEGEND

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

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

1. 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.
2. EXISTING TREE, PALM, AND VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY NOVA SURVEYORS INC. DATED 08.28.20
3. THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 06.08.21.
4. 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.
5. 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.
6. 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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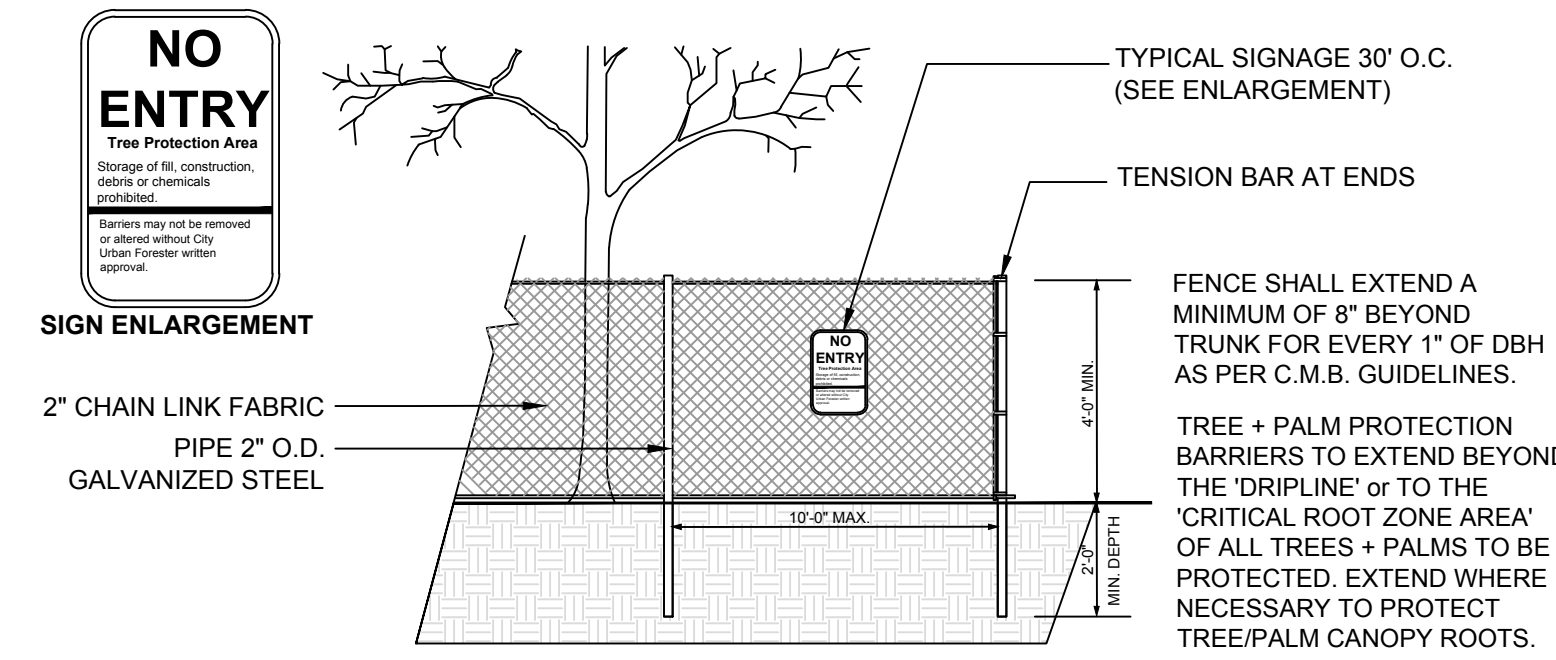
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TREE + PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES OR PALMS THAT ARE TO REMAIN, BE PROTECTED, OR BE RELOCATED ON-SITE. TPF SHALL BE MAINTAINED AND SHALL REMAIN UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED FROM CITY URBAN FORESTER AFTER ALL SITE WORK HAS BEEN COMPLETED.

NO ACTIVITY OR DISTURBANCE SHOULD OCCUR WITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC. WITHOUT URBAN FORESTER APPROVAL.



C.M.B. TREE + PALM PROTECTION DETAIL (CHAINLINK)

N.T.S.

TREE DISPOSITION SUMMARY

	TOTAL	REMAIN	REMOVE	RELOCATE
TREES	19	4	15	0
PALMS	9	0	9	0

C.M.B. EXISTING TREE INVENTORY + DISPOSITION CHART - 2702 ALTON ROAD

NUMBER	COMMON NAME	BOTANICAL NAME	D.B.H. (IN)	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	MITIGATION	COMMENTS
#1	Areca	Dypsis lutescens	4"	12'	10'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#2	Coconut Palm	Cocos nucifera	11"	35'	10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#3	Coconut Palm	Cocos nucifera	11"	35'	10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#4	Areca	Dypsis lutescens	4"	12'	5'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#5	Mahogany	Swietenia mahagoni	5"	25'	10'	FAIR	REMOVE	5" D.B.H.	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#6	Mahogany	Swietenia mahagoni	6"	25'	10'	FAIR	REMOVE	6" D.B.H.	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#7	Mahogany	Swietenia mahagoni	11"	25'	15'	FAIR	REMOVE	11" D.B.H.	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#8	Red Fragini	Plumeria rubra	4"	12'	5'	FAIR	REMOVE	4" D.B.H.	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#9	Dragon Tree	Dracaena draco	13"	12'	5'	FAIR	REMOVE	N/A	ORNAMENTAL, NOT A TREE, NO MITIGATION REQUIRED
#10	Christmas Palm	Adonidia merrilli	4"	25'	5'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#11	Areca	Dypsis lutescens	4"	12'	--	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#12	Christmas Palm	Adonidia merrilli	4"	25'	5'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#13	Royal Palm	Roystonea regia	6"	15'	5'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#14	Umbrella	Schefflera actinophylla	6"	12'	5'	FAIR	REMOVE	6" D.B.H.	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#15	Anagua	Ehretia anacua	8"	20'	15'	FAIR	REMOVE	8" D.B.H.	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#16	Christmas Palm	Adonidia merrilli	9"	20'	5'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#17	Christmas Palm	Adonidia merrilli	9"	20'	5'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#18 - #19	Strangler Fig	Ficus aurea	180"	70'	80'	GOOD	REMAIN	N/A	PRESERVE + PROTECT DURING CONSTRUCTION
#20	Dragon Tree	Dracaena draco	36"	15'	10'	FAIR	REMOVE	N/A	ORNAMENTAL, NOT A TREE, NO MITIGATION REQUIRED
#21	Dragon Tree	Dracaena draco	36"	20'	10'	FAIR	REMOVE	N/A	ORNAMENTAL, NOT A TREE, NO MITIGATION REQUIRED
#22	Banana	Musa acuminata	7"	7"	--	FAIR	REMOVE	7" D.B.H.	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#23	Cabbage Palm	Sabal Palmetto	13"	25'	10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#24	Norfolk Island Pine	Araucaria	18"	70'	15'	FAIR	REMOVE	N/A	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#25	Cabbage Palm	Sabal Palmetto	17"	10'	15'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#26	Areca	Dypsis lutescens	4"	10'	--	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#27	Banana	Musa acuminata	4"	9"	--	FAIR	REMOVE	4" D.B.H.	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#28	Royal Poinciana	Delonix regia	19"	30'	40'	FAIR	REMOVE	18" D.B.H.	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#29	Areca	Dypsis lutescens	3"	9"	--	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#30	Corn Palm	Dracaena Fragrans	5"	7"	--	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#31	Areca	Dypsis lutescens	4"	15'	--	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#32	Dragon Tree	Dracaena draco	19"	8'	5'	FAIR	REMOVE	N/A	ORNAMENTAL, NOT A TREE, NO MITIGATION REQUIRED
#33	Dragon Tree	Dracaena draco	13"	8'	10'	FAIR	REMOVE	N/A	ORNAMENTAL, NOT A TREE, NO MITIGATION REQUIRED
#34	Cabbage Palm	Sabal Palmetto	12"	12'	5'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED
#35	Christmas Palm	Adonidia merrilli	4"	12'	5'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#36	Christmas Palm	Adonidia merrilli	4"	25'	5'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#37	Christmas Palm	Adonidia merrilli	4"	35'	30'	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#38	Mahogany	Swietenia mahagoni	46"	35'	50'	GOOD	REMAIN	N/A	NOT LOCATED ON SITE. PRESERVE + PROTECT
#39	Mahogany	Swietenia mahagoni	23"	25'	25'	GOOD	REMAIN	N/A	NOT LOCATED ON SITE. PRESERVE + PROTECT
#40	Dragon Tree	Dracaena draco	9"	15'	15'	FAIR	REMOVE	N/A	ORNAMENTAL, NOT A TREE, NO MITIGATION REQUIRED
#41	Areca	Dypsis lutescens	4"	15'	--	FAIR	REMOVE	N/A	SMALL PALM, NO MITIGATION REQUIRED
#42	Dragon Tree	Dracaena draco	10"	9'	5'	FAIR	REMOVE	N/A	ORNAMENTAL, NOT A TREE, NO MITIGATION REQUIRED
#43	Cabbage Palm	Sabal Palmetto	13"	11'	10'	FAIR	REMOVE	1 REP. TREE	IN CONFLICT WITH SITE DESIGN, MITIGATION PROVIDED

TOTAL TREE DBH LOSS: 69" + THE REMOVAL OF (9) PALMS
 TREE MITIGATION REQUIRED: (24) REPLACEMENT TREES @ 12'HT x 2" DBH X 6' SPREAD
 PALM MITIGATION REQUIRED: (9) REPLACEMENT TREES @ 12'HT x 2" DBH X 6' SPREAD

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

TOTAL TREE DBH LOSS: 69"

REPLACEMENT TREES REQUIRED:

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

REPLACEMENT TREES PROVIDED: 24 REPLACEMENT TREES PROVIDED @ 12'HT + 2" DBH

BREAKDOWN:

- (6) PIGEON PLUM TREE @ 16' HEIGHT + 4" DBH + 8' SPREAD = 12 REPLACEMENT TREES
- (6) BRIDAL VEIL TREE @ 16' HEIGHT + 4" DBH + 8' SPREAD = 12 REPLACEMENT TREES

TOTAL PALMS REMOVED: 9 PALMS

REPLACEMENT TREES REQUIRED:

(9) REPLACEMENT TREES REQUIRED @ 12' HEIGHT + 2" DBH + 6' SPREAD or (5) REPLACEMENT TREES REQUIRED @ 16' HT + 4" DBH + 8' SPREAD

REPLACEMENT TREES PROVIDED: 23 REPLACEMENT TREES PROVIDED @ 12'HT + 2" DBH

BREAKDOWN:

- (2) POWDER PUFF TREE @ 16' HEIGHT + 4" DBH + 8' SPREAD = 4 REPLACEMENT TREES
- (3) SIMPSON STOPPER TREE @ 12' HEIGHT + 2" DBH + 6' SPREAD = 3 REPLACEMENT TREES
- (8) BAYRUM TREE @ 16' HEIGHT + 4" DBH + 8' SPREAD = 16 REPLACEMENT TREES

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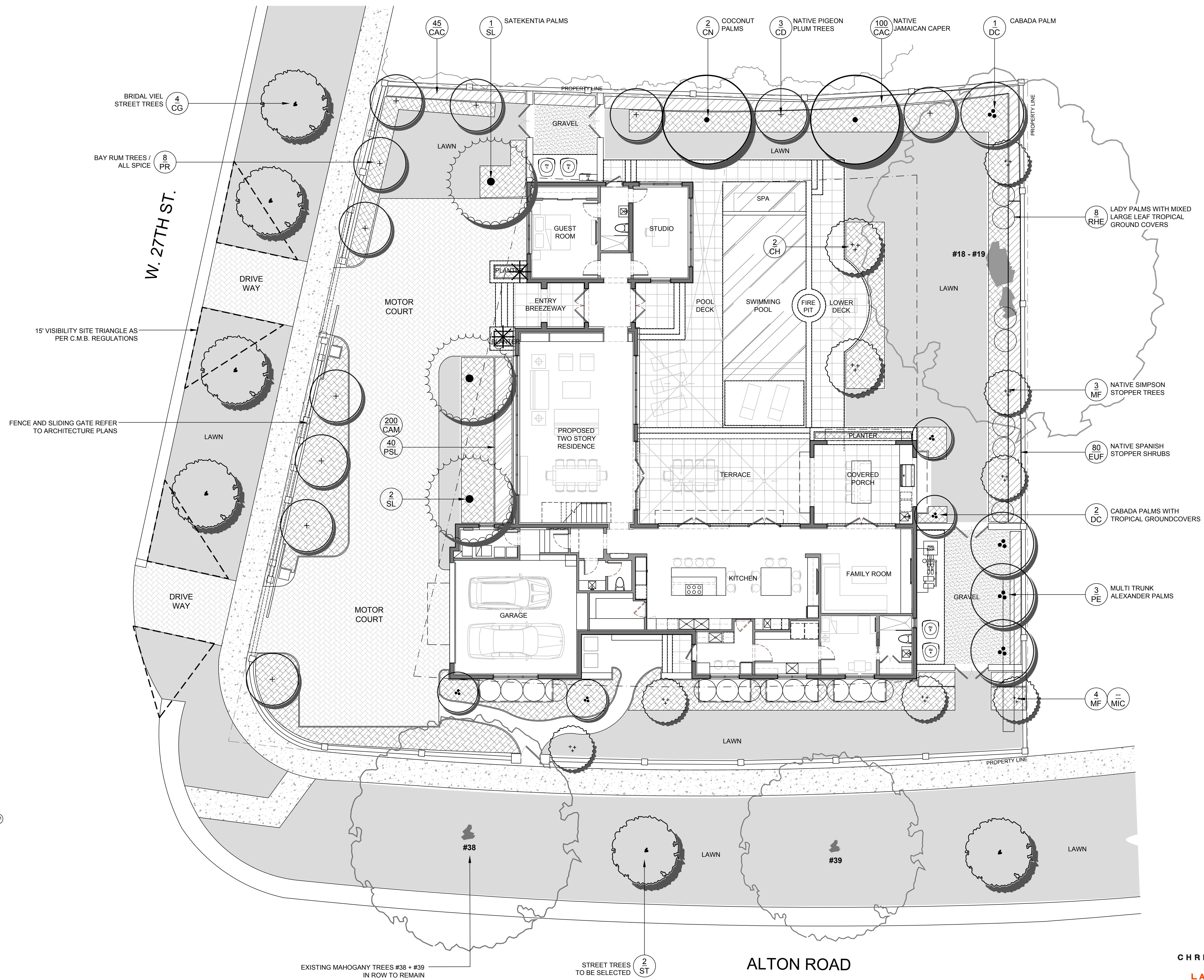
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SHEET TITLE:
 EXISTING TREE
 CHART, MITIGATION
 SUMMARY, NOTES +
 DETAILS

SHEET No.

L-1.1



BRIDAL VIEL STREET TREES 4 CG

BAY RUM TREES / ALL SPICE 8 PR

W. 27TH ST.

15' VISIBILITY SITE TRIANGLE AS PER C.M.B. REGULATIONS

FENCE AND SLIDING GATE REFER TO ARCHITECTURE PLANS

- 45 CAC
- 1 SL SATEKENTIA PALMS
- 2 CN COCONUT PALMS
- 3 CD NATIVE PIGEON PLUM TREES
- 100 CAC NATIVE JAMAICAN CAPER
- 1 DC CABADA PALM

- 200 CAM
- 40 PSL
- 2 SL

- 8 RHE LADY PALMS WITH MIXED LARGE LEAF TROPICAL GROUND COVERS
- 3 MF NATIVE SIMPSON STOPPER TREES
- 80 EUF NATIVE SPANISH STOPPER SHRUBS
- 2 DC CABADA PALMS WITH TROPICAL GROUNDCOVERS
- 3 PE MULTI TRUNK ALEXANDER PALMS
- 4 MF -- MIC

EXISTING MAHOGANY TREES #38 + #39 IN ROW TO REMAIN

STREET TREES TO BE SELECTED 2 ST

ALTON ROAD



LANDSCAPE PLAN

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 LANDSCAPE PLAN

SHEET No.

L-2.0

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 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.
- 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 STAKES, POLES, WELLINGTON TAPE AND OR BRACING MATERIALS FROM ALL PALMS, TREES AND SHRUBS 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-DURING INSTALLATION AND CONTRACTOR WILL BE RESPONSIBLE FOR CONTINUAL WATERING UNTIL FINAL ACCEPTANCE BY THE OWNER.

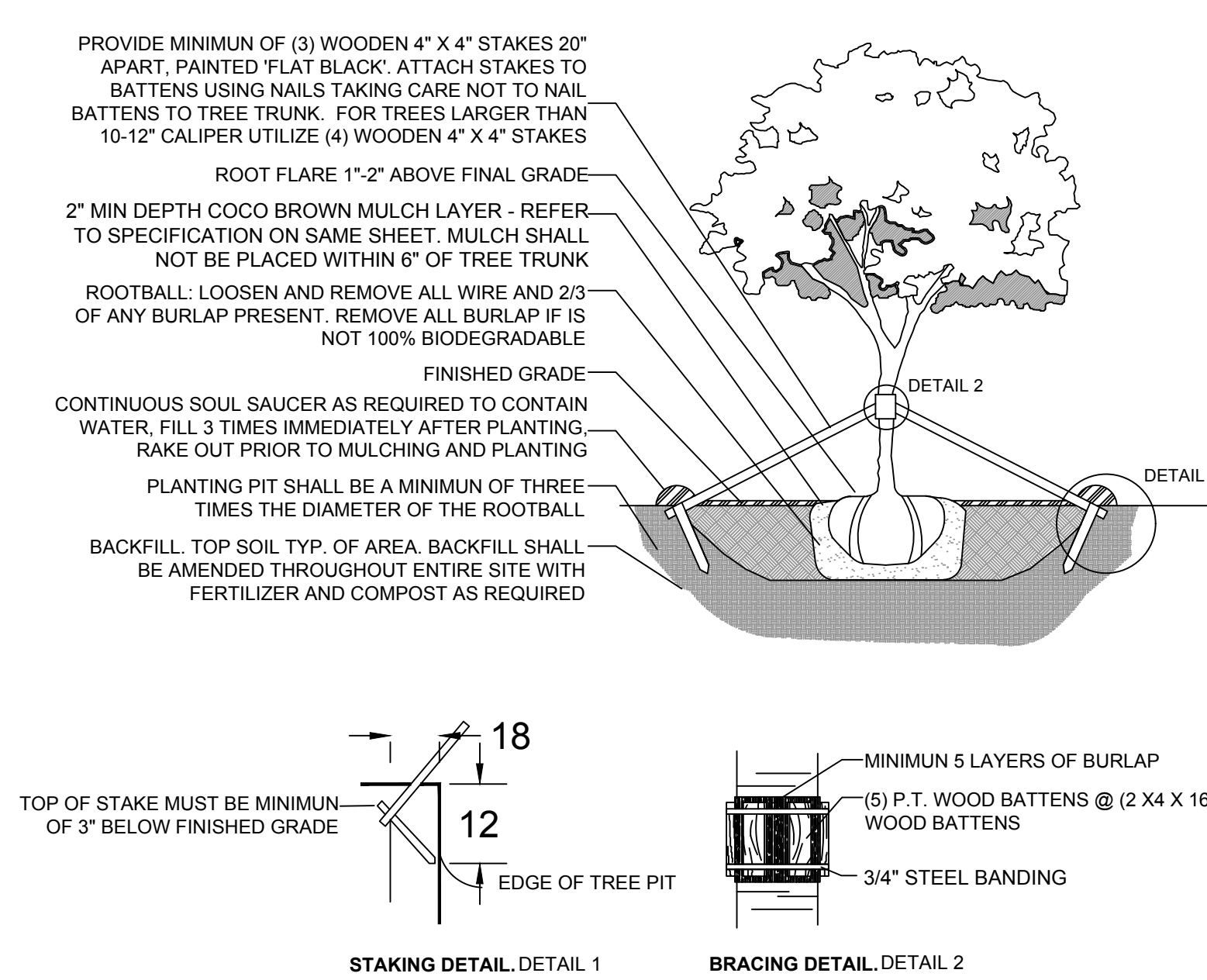
A MINIMUM OF 6 MONTHS OF SUPPLEMENTAL HAND OR AUTOMATIC IRRIGATION SYSTEM WATERING SHALL BE REQUIRED TO AID IN NEW TREE OR PALM ESTABLISHMENT.

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

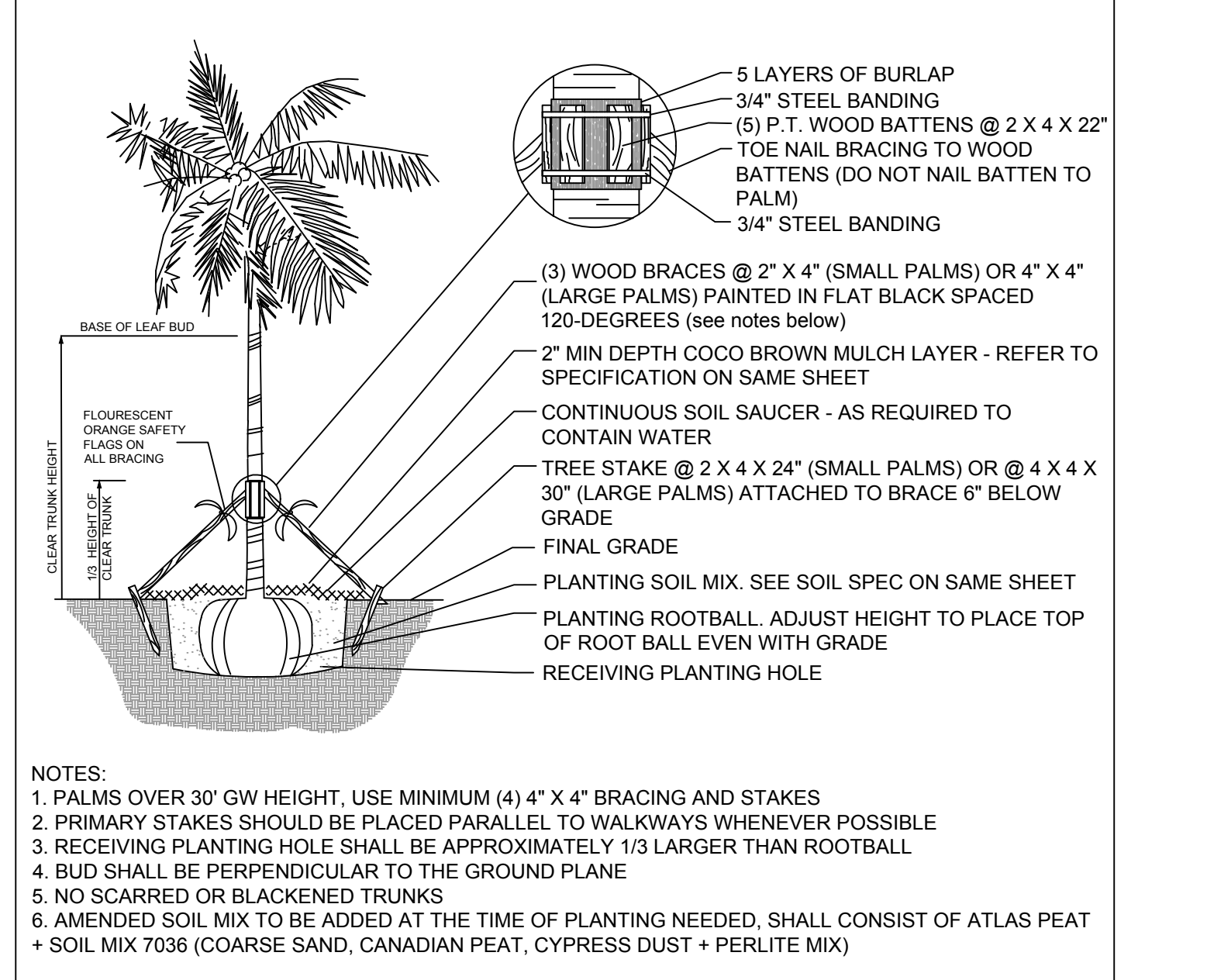
- SHOULD ANY TREES OR PALMS BE DAMAGED THEY SHALL BE EVALUATED BY THE CITY URBAN FORESTER TO DETERMINE CORRECTIVE ACTIONS THAT MAY INCLUDE REMOVAL, CORRECTIVE PRUNING AND OR REPLACEMENT. ANY CORRECTIVE ACTION REQUIRED SHALL BE PERFORMED IN ACCORDANCE WITH A CITY OF MIAMI BEACH CODE, ANSI-A 300 PRUNING 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.**

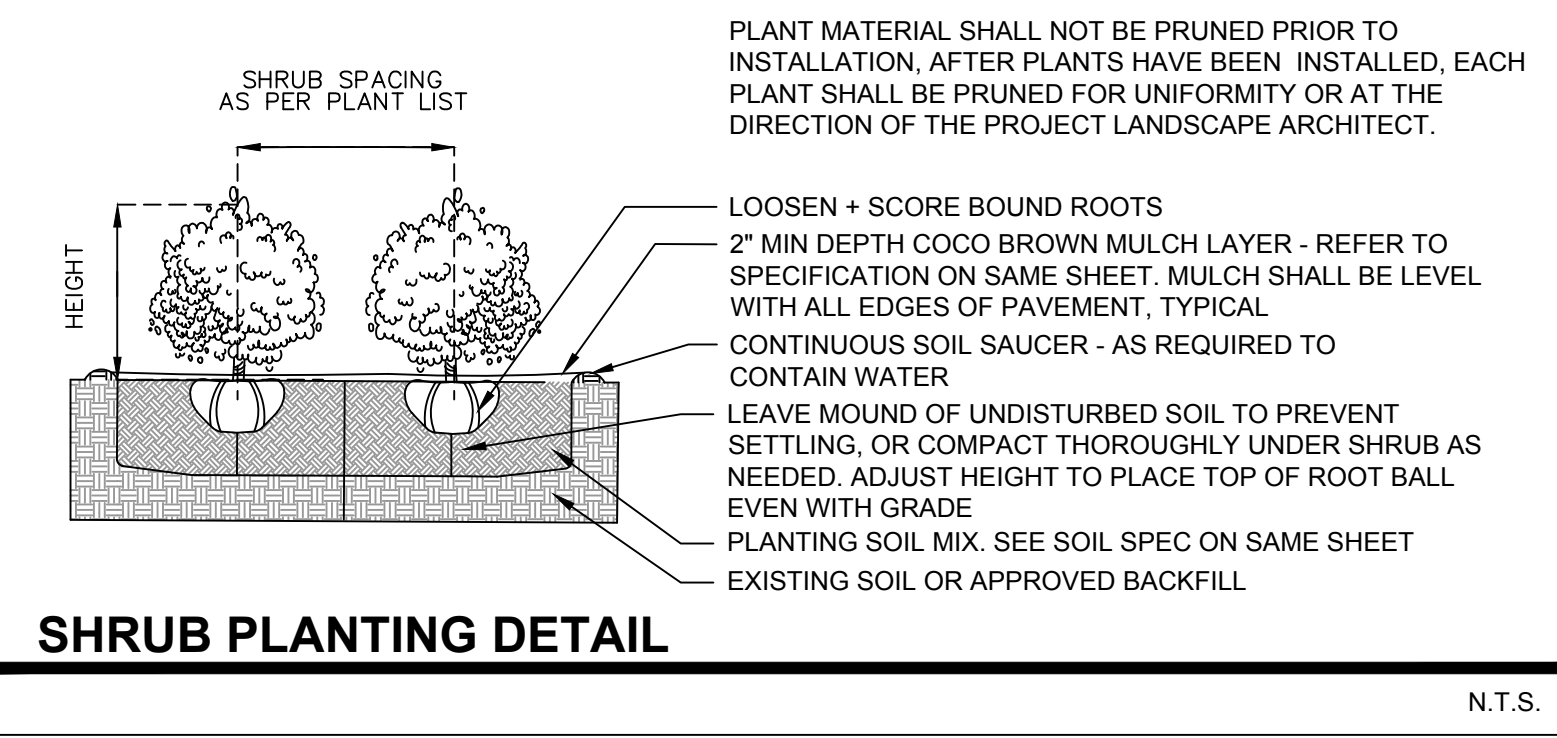


C.M.B. LARGE TREE PLANTING DETAIL
N.T.S.

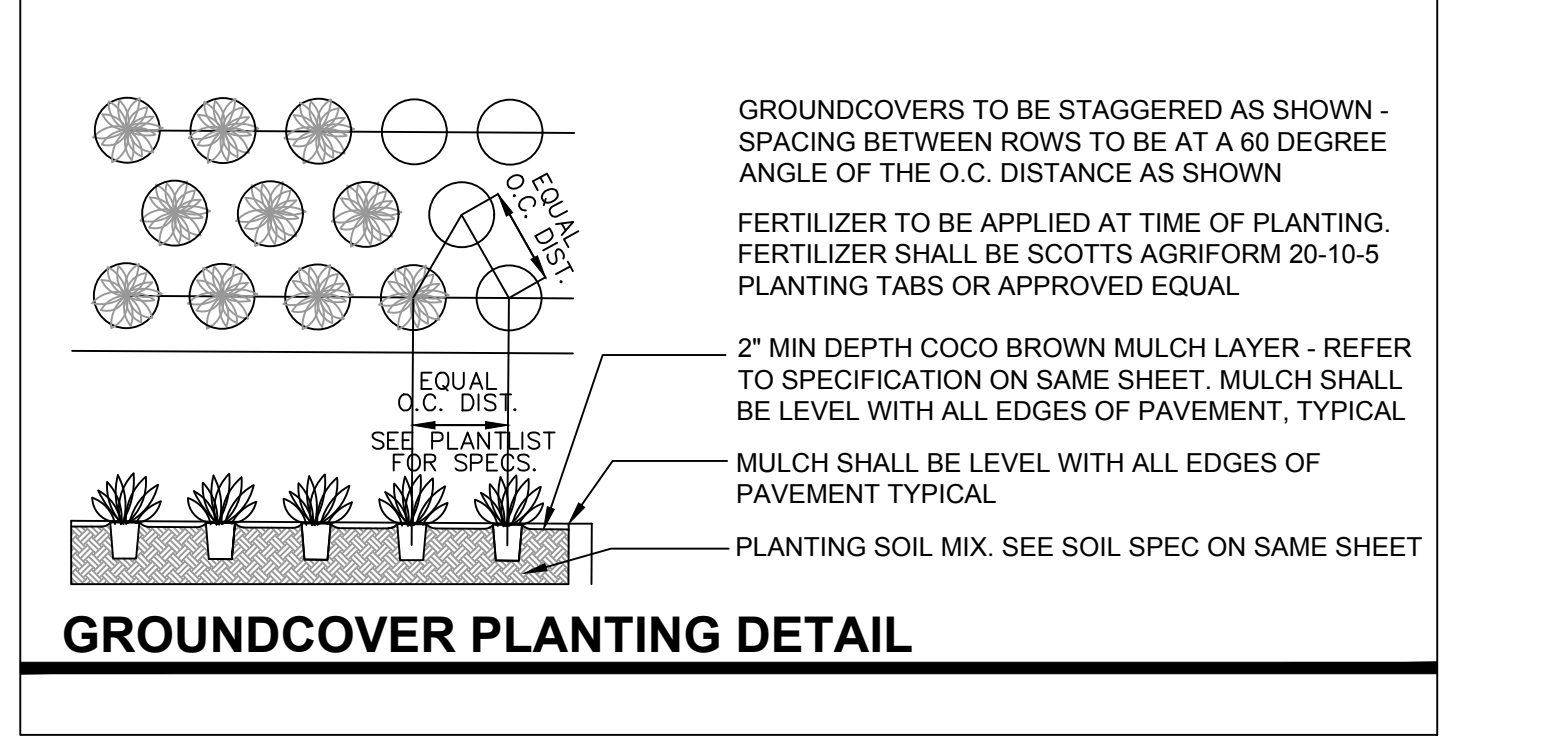


C.M.B. PALM PLANTING DETAIL
N.T.S.

PLANT LIST - 2702 ALTON ROAD					
KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
CD	6	YES	PIGEON PLUM TREE	Coccoloba diversifolia	16' ht min, 8" spread min, 4" dbh, 5' clear trunk standard
CG	6	NO	BRIDAL VEIL TREE	Caesalpinia granadillo	16' ht min, 8" spread min, 4" dbh
CH	2	NO	POWDER PUFF TREE	Calliandra haematocephala	16' ht min, 8" spread min, 4" dbh, multi-trunk
MF	3	YES	SIMPSON STOPPER TREE	Myrcianthes fragrans	12' ht min, 6" spread m in, 2" dbh, 5' clear trunk, multi-trunk
PR	8	NO	BAYRUM TREE	Pimenta racemosa 'racemosa'	16' ht min, 8" spread min, 4" dbh, standard trunk
PALMS					
CN	2	NO	COCONUT PALM	Cocos nucifera 'Maypan'	8' gray wood, standard, Florida Fancy
DC	5	NO	CABADA PALMS	Dypsis cabadae	8' ht, clump, multi-trunk
PE	3	NO	ALEXANDER PALM	Ptychosperma elegans	10' ht, multi-trunk
RX	22	NO	LADY PALM	Rhapis excelsa	7 gallon, 24" on center, full
SL	3	NO	SATAKENTIA PALM	Satakentia liukuensis	15 gallon, 8' height, Florida Fancy
SHRUBS					
CAC	145	YES	JAMAICAN CAPER SHRUB	Capparis cynophallophora	15 gallon, 5' height, 2' spread, 30" on center
EUF	80	YES	SPANISH STOPPER SHRUB	Chrysobalanus icaco	15 gallon, 5' height, 2' spread, 30" on center
PSL	40	YES	DWARF BAHAMA COFFEE SHRUB	Psychotria ligustrifolia	7 gallon, 2' - 3' height, 30" spread
GROUNDCOVERS					
ALP	AS REQ.	NO	RED GINGER	Alpina purpurata	3 gallon, 12" on center, full
CAM	AS REQ.	NO	CARISSA 'EMERALD BLANKET'	Carissa macrocarpa	3 gallon, 12" on center, full
LIR	AS REQ.	NO	LILYTURF	Liriope muscari	1 gallon, 12" on center, full
MIC	AS REQ.	NO	WART FERN	Microsorium scolopendrium	1 gallon, 12" on center, full
MOD	AS REQ.	NO	SWISS CHEESE PLANT	Monstera deliciosa	3 gallon, 24" on center, full
PGC	AS REQ.	NO	PHILODENDRON 'GREEN CONGO'	Same	3 gallon, 18" on center, full
PHX	AS REQ.	NO	PHILODENDRON 'XANADU'	Same	3 gallon, 18" on center, full
PRC	AS REQ.	NO	PHILODENDRON 'ROJO CONGO'	Same	3 gallon, 18" on center, full
PSR	AS REQ.	NO	RED FOUNTAIN GRASS	Pennisetum setaceum 'Rubrum'	1 gallon, 18" on center, full
TRF	AS REQ.	YES	DWARF FAKAHATCHEE	Tripsacum flordiana	1 gallon, 18" on center, full
TRL	AS REQ.	NO	CONFEDERATE JASMINE	Trachelospermum jasminoides	1 gallon, 18" on center, full
SOD, AGGREGATE & MULCH					
MLC	AMERIGROW 'PREMIUM PINEBARK BROWN' SHREDDED MULCH				
SOD	NATIVE SEA SHORE PASPALUM LAWN - OVER 2" TOPSOIL BED, SEE PLANTING SPECS				



SHRUB PLANTING DETAIL
N.T.S.



GROUNDCOVER PLANTING DETAIL
N.T.S.

LANDSCAPE LEGEND

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

ZONING: RS4 **LOT SIZE:** 15,947 SF **ACRES:** .37

TREES
FRONT YARD - 2 TREES REQUIRED / 3 TREES PROVIDED
REAR YARD - 3 TREES REQUIRED / 3 TREES PROVIDED

SHRUBS
12 SHRUBS (OR VINES) REQUIRED FOR EACH REQUIRED LOT AND STREET TREE OR 12 X (22) = 264 SHRUBS REQUIRED / 265 SHRUBS PROVIDED (145 JAMAICAN CAPER SHRUB + 80 SPANISH STOPPER SHRUB + 40 DWARF BAHAMA COFFEE)

NATIVE SHRUBS
50% OF TOTAL SHRUBS REQUIRED MUST BE NATIVE OR .50 X 264 = 132 NATIVE SHRUBS REQUIRED / 265 NATIVE SHRUBS PROVIDED (145 JAMAICAN CAPER SHRUB + 80 NATIVE SPANISH STOPPER SHRUBS + 40 NATIVE DWARF BAHAMA COFFEE PROVIDED)

LARGE SHRUBS / SMALL TREES
10% OF TOTAL SHRUBS REQUIRED MUST BE LARGE SHRUBS OR SMALL TREES OR .10 X 264 = 26 LARGE SHRUBS REQUIRED / 80 LARGE SHRUBS / SMALL TREES PROVIDED (80 NATIVE SPANISH STOPPER SHRUBS PROVIDED)

NATIVE LARGE SHRUBS / SMALL TREES
50% OF TOTAL LARGE SHRUBS REQUIRED MUST BE NATIVE OR .50 X 25 = 12 NATIVE LARGE SHRUBS REQUIRED / 80 NATIVE LARGE SHRUBS PROVIDED (80 NATIVE SPANISH STOPPER SHRUBS PROVIDED)

LAWN AREA
50% MAXIMUM OF LANDSCAPE AREA: NEW LAWN AREAS ARE LESS THAN 50% OF LANDSCAPE AREA

IRRIGATION SYSTEM
100% COVERAGE PROVIDED PURSUANT TO CMB REQUIREMENTS SET IN CHAPTER 126

AVERAGE STREET TREE SPACING 20' ON CENTER
ALTON ROAD : 116 LF / 20 = 6 STREET TREES REQUIRED / 6 STREET TREES PROVIDED (2 EXISTING MAHOGANY TREES + 2 BRIDAL VEILS TREES + 2 NATIVE SIMPSON STOPPER TREES)

SHRUBS
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50% MAXIMUM OF LANDSCAPE AREA: NEW LAWN AREAS ARE LESS THAN 50% OF LANDSCAPE AREA

IRRIGATION SYSTEM
100% COVERAGE PROVIDED PURSUANT TO CMB REQUIREMENTS SET IN CHAPTER 126

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PROPOSED RESIDENCE
2702 ALTON ROAD
MIAMI BEACH, FL 33140
FOLIO #02-3227-008-0600

DATE: 06.02.2021
DRAWN BY: GSL
REVISION: / DATE

SHEET TITLE:
PLANT LIST, LANDSCAPE CODE+ DETAILS

SHEET No.

L-3.0