



LANDSCAPE FINAL DRB SUBMITTAL - 08.08.22
1790 ALTON ROAD | MIAMI BEACH, FLORIDA

CLIENT / PROPERTY INFORMATION

PROPERTY ADDRESS
 1790 ALTON ROAD
 MIAMI BEACH, FL 33139

SCOPE OF WORK

- New streetscape design for Alton Road
- New landscape design to complement new architecture

INDEX OF SHEETS

L0.00	Landscape Cover Page + Sheet Index + Landscape Legend
L1.00	Landscape Plan
L1.01	Level 2 Landscape Plan
L1.02	Pool Deck Landscape Plan
L2.00	Plant List + Landscape Notes + Details
L3.00	Existing Tree Survey + Disposition Plan

MIAMI BEACH LANDSCAPE LEGEND

CITY OF MIAMI BEACH
LANDSCAPE LEGEND
 INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS
 Zoning District: **CD-2** Lot Area: **10,343 SF** Acres: **.237**

OPEN SPACE	REQUIRED/ ALLOWED	PROVIDED
A. Square feet of required Open Space as indicated on site plan: Lot Area = 10,343 s.f. x 30 % = 3,103 s.f.	3,103	3,103
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces: _____ x 10 s.f. parking space =	N/A	N/A
C. Total square feet of landscaped open space required: A+B=	N/A	N/A
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	N/A	N/A
B. Maximum lawn area (sod) permitted= _____ % x _____ s.f.	3,103	--

TREES	REQUIRED	PROVIDED
A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements: 22 trees x .237 net lot acres - number of existing trees=	6 TREES	6 TREES
B. % Natives required: Number of trees provided x 30% =	2 TREES	6 TREES
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50% =	3 TREES	6 TREES
D. Street Trees (maximum average spacing of 20' o.c.) 218 LF linear feet along street divided by 20' =	11 TREES	11 TREES
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.) _____ linear feet along street divided by 20' =		

SHRUBS	REQUIRED	PROVIDED
A. Number of shrubs required: Sum of lot and street trees required x 12% =	204	280
B. % Native shrubs required: Number of shrubs provided x 50% =	102	275

LARGE SHRUBS OR SMALL TREES	REQUIRED	PROVIDED
A. Number of large shrubs or small trees required: Number of required shrubs x 10% =	21	30
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50% =	11	30

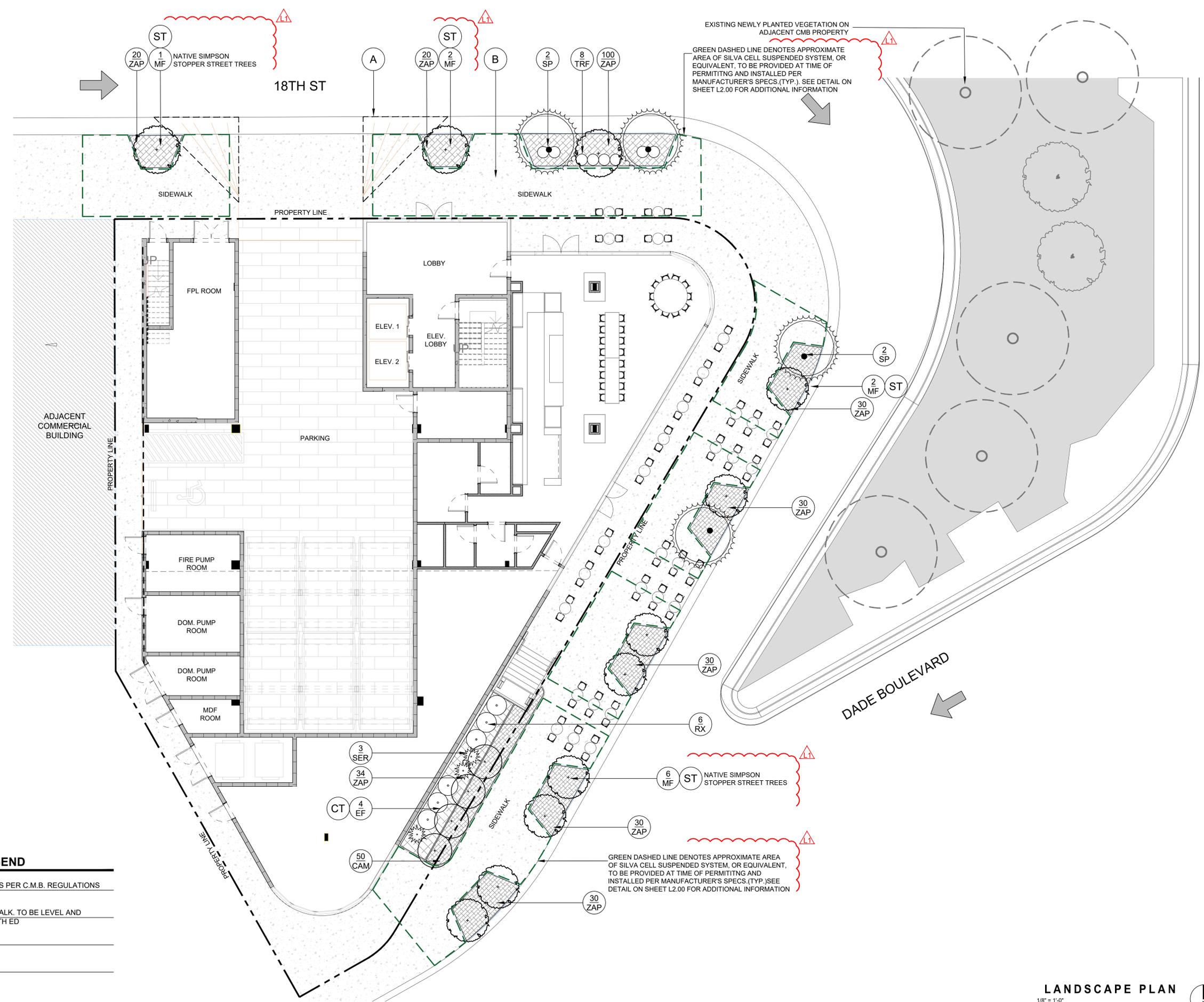
6 CODE TREES PROVIDED:
 4 NATIVE SPANISH STOPPER TREES +
 2 NATIVE PITCH APPLE TREES

3 STREET TREES PROVIDED ON 18TH STREET:
 3 NATIVE SIMPSON STOPPER TREES

8 STREET TREES PROVIDED ON DADE BLVD:
 8 NATIVE SIMPSON STOPPER TREES

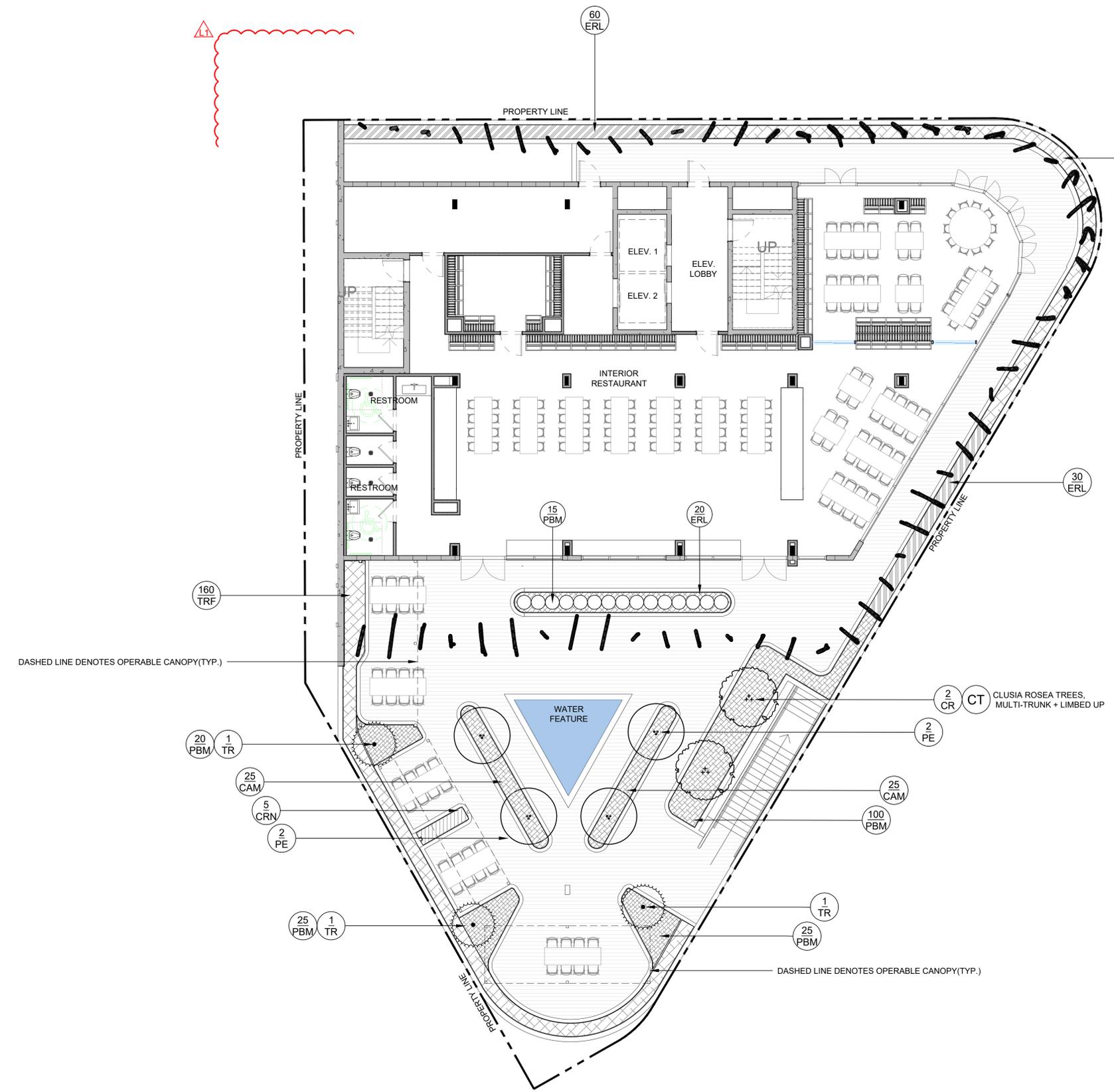


08.04.22 BD COMMENTS



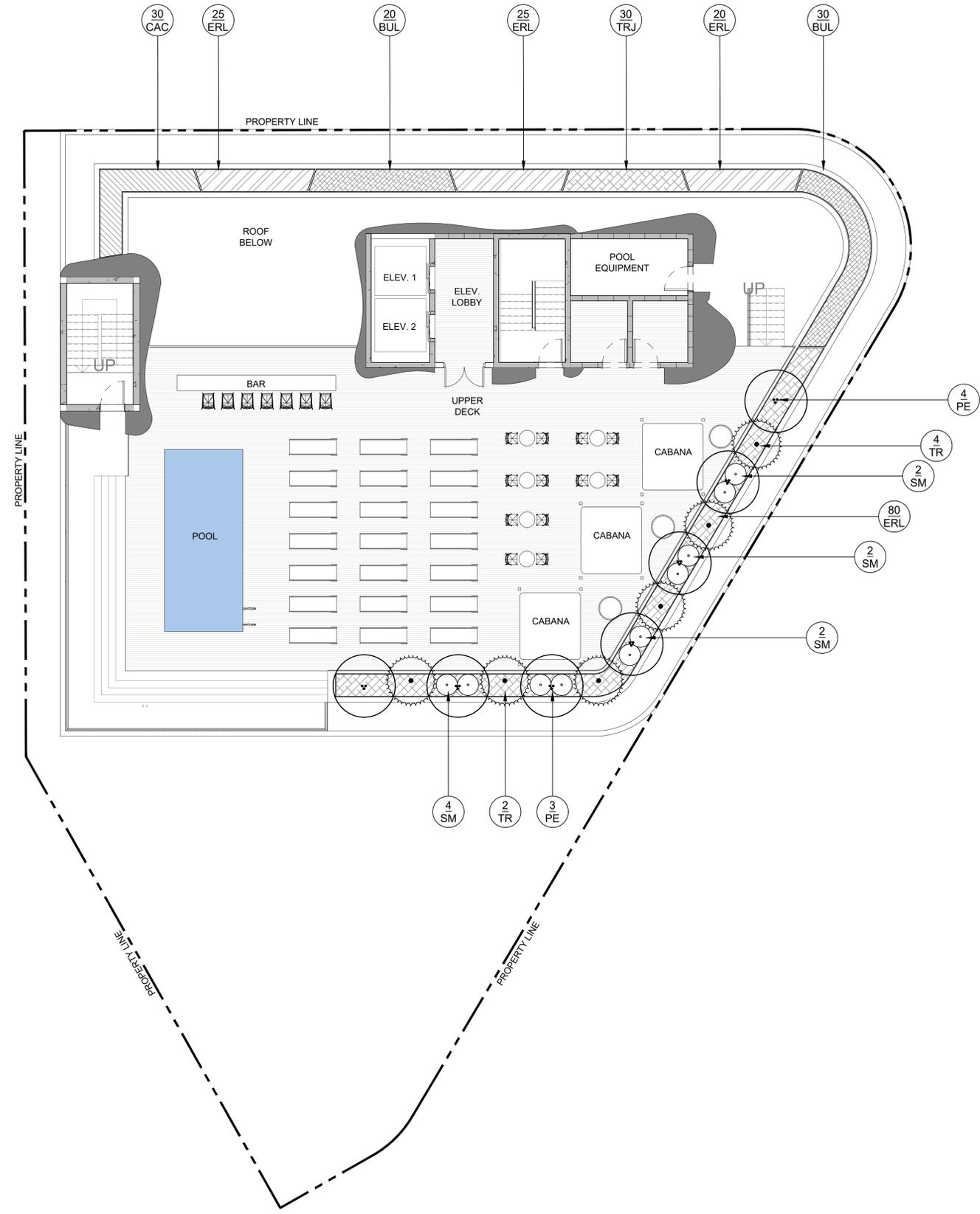
- LANDSCAPE PLAN LEGEND**
- (A) 15' VISIBILITY SIGHT TRIANGLE AS PER C.M.B. REGULATIONS
 - (B) MIAMI BEACH CONCRETE SIDEWALK. TO BE LEVEL AND SLIP-RESISTANT AS PER FFPC 6TH ED
 - (CT) CODE TREE
 - (ST) STREET TREE





LEVEL 2 LANDSCAPE PLAN
1/8" = 1'-0"
0' 8' 16' 24'





POOL DECK LANDSCAPE PLAN

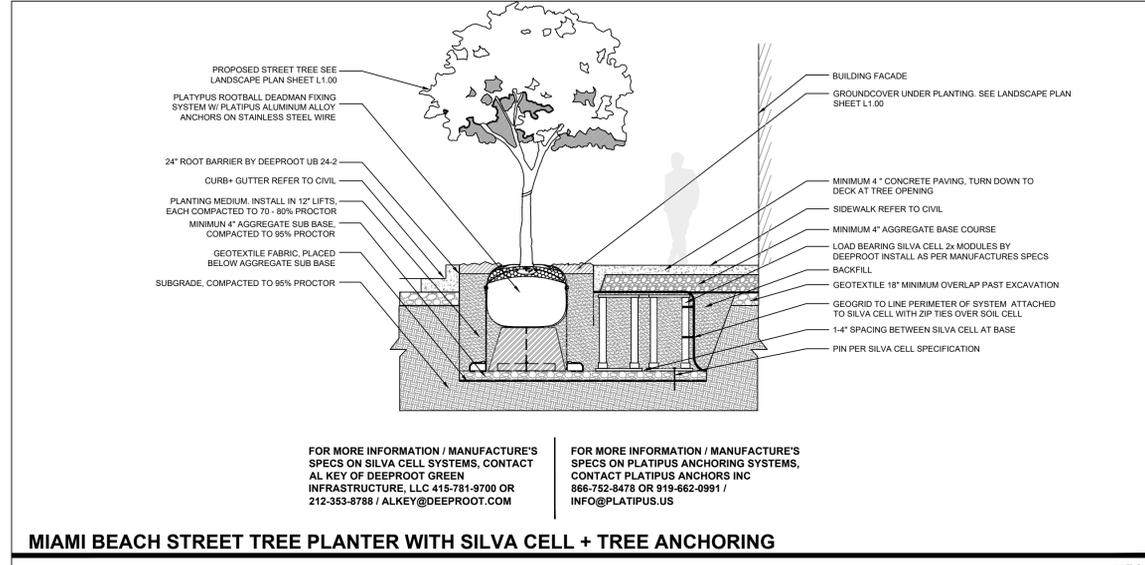


PLANT LIST - 1790 ALTON ROAD

KEY	QTY.	NATIVE	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
CR	2	YES	PITCH APPLE TREE	Clusia rosea	10' ht min, 8' spread min, 3" dbh, multi-trunk, limbed up
EF	4	YES	SPANISH STOPPER TREE	Eugenia foetida	8-10' ht min, 5' spread min, 1.5" dbh, 4' clear trunk standard
MF	11	YES	SIMPSON STOPPER TREE	Myrcianthes fragrans	12-14' ht min, 6-8' spread min, 2" dbh, 5' clear trunk standard
PALMS					
PE	11	NO	ALEXANDER PALM	Phycosperma elegans	12' - 16' , varying heights, #2, double trunks
RX	6	NO	LADY PALM	Rhaps excelsa	7 gallon, 3' - 4' height, 3' spread, full
SP	4	YES	SABAL PALM	Sabal palmetto	16' - 20' clear trunk, varying heights, character trunks, slick
SER	3	YES	SILVER SAW PALMETTO	Serenoa repens 'Cinerea'	7 gallon, 2' height, 30" on center, full
SM	10	NO	SABAL MINOR	Sabal minor	3 gallon, 18" height, 18" spread, full
TR	9	YES	THATCH PALM	Thrinax radiata	6' - 8' height, 3' - 4' clear trunk, full
SHRUBS					
CAC	30	YES	JAMAICAN CAPER	Capparis cynophallophora	15 gallon, 3'-4' height, 24" spread
CRN	5	NO	DWARF PITCH APPLE	Clusia rosea 'Nana'	7 gallon, 30" height, 24" spread
GROUNDCOVERS					
ERL	245	YES	GOLDEN BEACH CREEPER	Emodea littoralis	3 gallon, 18" height 12" on center, full
BUL	50	YES	BULBINE	Bulbine frutescens	1 gallon, 12" on center, full
CAM	100	NO	CARISSA EMERALD BLANKET	Carissa macrocarpa 'Emerald Blanket'	3 gallon, 18" on center, full
IPP	80	NO	RAILROAD VINE	Ipomoea pes-caprae	3 gallon, 18" on center, full
PBM	30	NO	PHILODENDRON 'BURLIE MARX'	Philodendron 'Burlie marx'	3 gallon, 18" on center, full
TRJ	30	NO	CONFEDERATE JASMINE	Trachelospermum jasminoides	3 gallon, 18" on center, full
TRF	168	YES	DWARF FAKAHATCHEE GRASS	Tripsacum floridanum	2 gallon, 18" on center, full
ZAP	324	YES	COONTIE	Zamia pumila	1 gallon, 12" on center, full
SOD, AGGREGATE & MULCH					
MLC			AMERIGROW PREMIUM PINEBARK BROWN SHREDDED MULCH		

LANDSCAPE NOTES

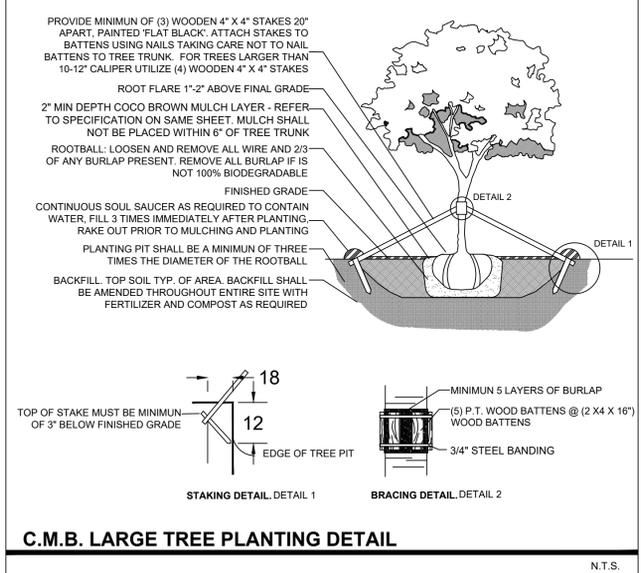
1. ALL PLANT MATERIAL SHALL BE FLORIDA GRADE NO. 1 OR BETTER.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF, AVOID, AND PROTECT ALL UTILITY LINES, BURIED CABLES, AND OTHER UTILITIES.
3. TREE, PALM, ACCENT AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT 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 SOODED.
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 GROUNDCOVERS 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 "P" 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.
9. 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.
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 DELIVERY, AND TREES DELIVERED WITH NURSERY POLES WILL NOT BE ACCEPTED, AND THEREFORE REJECTED, W/ THE EXCEPTION TREE SPECIES: CLUSIA ROSEA + SILVER BUTTWOOD TREES
12. ALL TREES AND PALMS SHALL BE STAKED PER ACCEPTED STANDARDS BY THE FLORIDA NURSERYMEN & GROWERS LANDSCAPE ASSOCIATION (ENGLA) 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.
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.
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 SHREDDED MULCH OR A CITY APPROVED ALTERNATIVE.
19. PLANTING SOIL SPECIFICATION FOR UPPER LEVEL PLANTERS A MIX OF COARSE SAND, FLORIDA PEAT AND PINE BARK. THE APPROXIMATE RATIO SHALL BE:
COARSE SAND 50%
FLORIDA PEAT 40%
PINE BARK 10%
FINAL TESTED ORGANIC MATTER BETWEEN 1.5 AND 2.0% (BY DRY WEIGHT)
THE FINAL MIX SHALL BE TESTED TO HAVE A SATURATED WEIGHT OF NO MORE 115 POUNDS PER CUBIC FOOT WHEN COMPACTED TO 85% STANDARDS PROCTOR PLANTING SOIL SHALL BE THOROUGHLY MIXED PRIOR TO DELIVERY AND INSTALLATION ADD NUTRICOTE FERTILIZER TO THE PLANTING MIX AT THE TIME MIXING AND BLENDING AT A RATE OF 3 POUNDS PER CUBIC YARD PLANTING SOIL SHALL BE SUPPLIED BY ATLAS PEAT AND SOIL INC BOYTON BEACH FLORIDA 561-734-7300 PROVIDE A TWO GALLON SAMPLE WITH TESTING DATA THAT INDICATES THE MATERIAL MEETS REQUIREMENTS OF THIS SPECIFICATION INCLUDING RECOMMENDATIONS FOR CHEMICAL ADDITIVES FOR THE TYPES OF PLANTS TO BE GROWN. SAMPLES AND TESTING DATA SHALL BE SUBMITTED AT THE SAME TIME



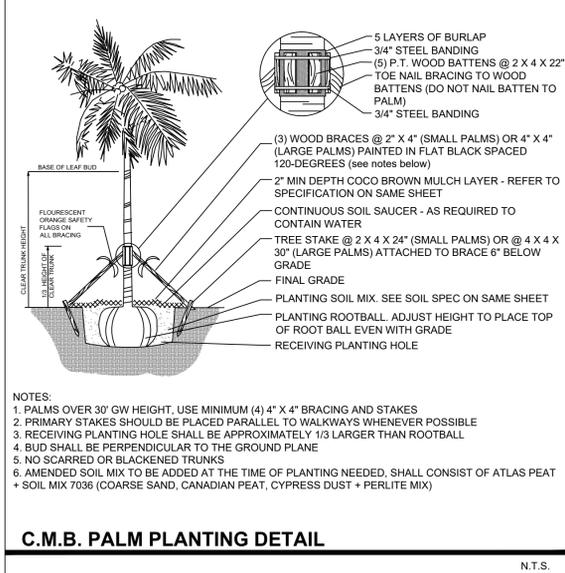
FOR MORE INFORMATION / MANUFACTURE'S
SPECS ON SILVA CELL SYSTEMS, CONTACT
AL KEY OF DEEPROOT GREEN
INFRASTRUCTURE, LLC 415-781-9700 OR
212-353-8788 / ALKEY@DEEPROOT.COM

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CONTACT PLATYPUS INC
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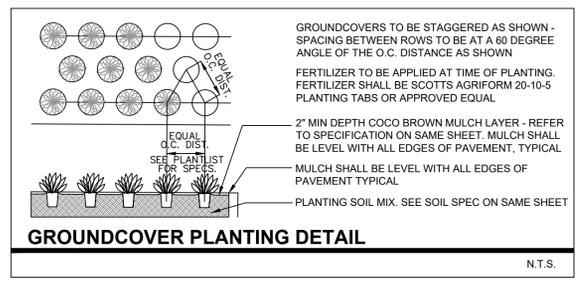
MIAMI BEACH STREET TREE PLANTER WITH SILVA CELL + TREE ANCHORING N.T.S.



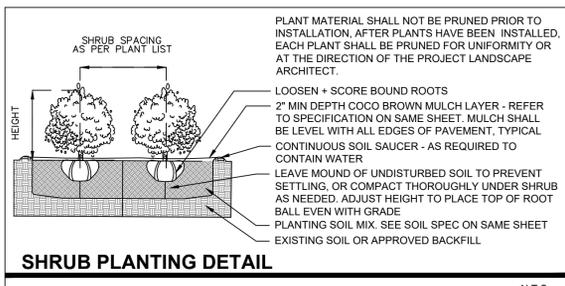
C.M.B. LARGE TREE PLANTING DETAIL N.T.S.



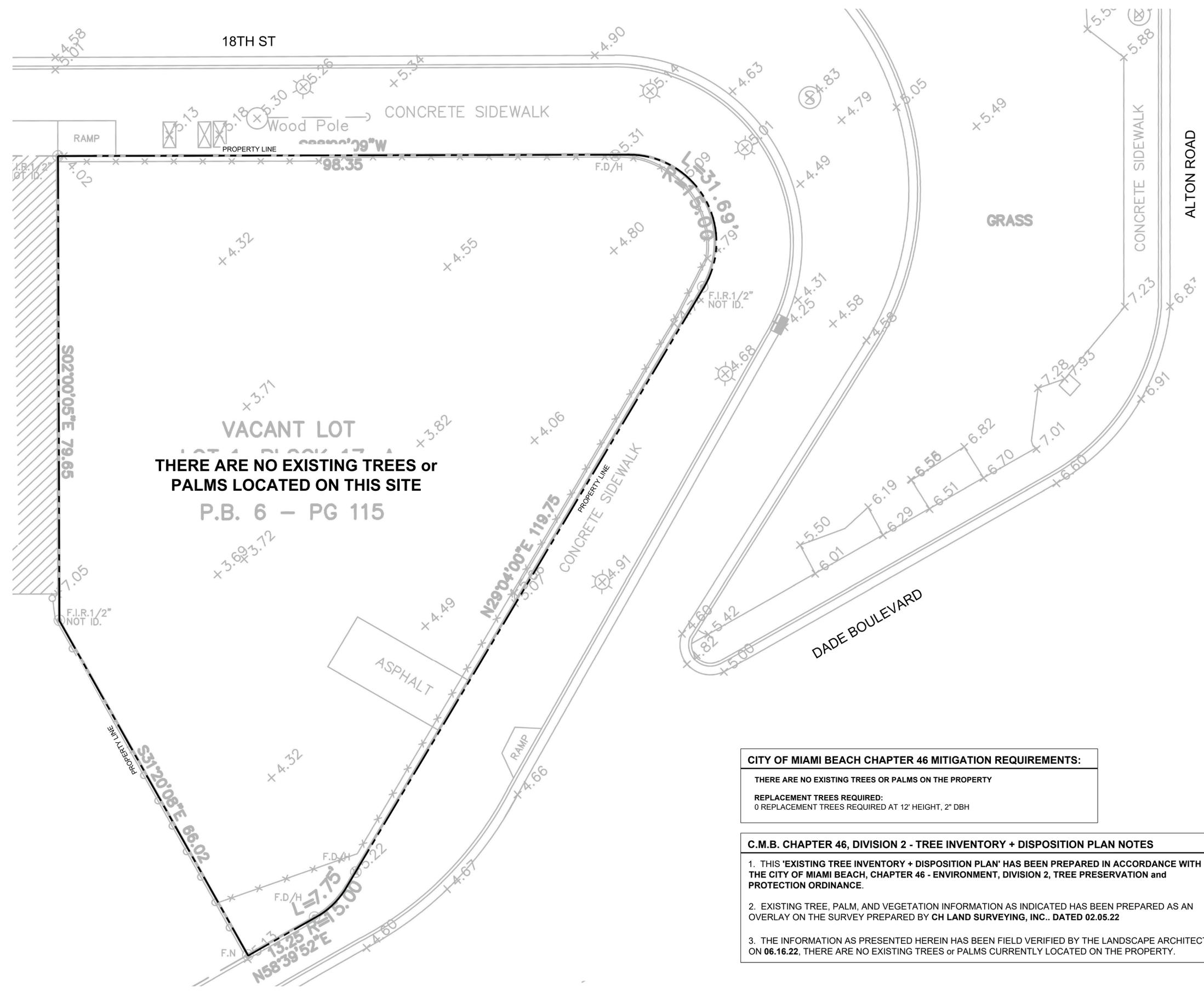
C.M.B. PALM PLANTING DETAIL N.T.S.



GROUNDCOVER PLANTING DETAIL N.T.S.



SHRUB PLANTING DETAIL N.T.S.



CITY OF MIAMI BEACH CHAPTER 46 MITIGATION REQUIREMENTS:

THERE ARE NO EXISTING TREES OR PALMS ON THE PROPERTY

REPLACEMENT TREES REQUIRED:
0 REPLACEMENT TREES REQUIRED AT 12' HEIGHT, 2" DBH

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 CH LAND SURVEYING, INC.. DATED 02.05.22

3. THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 06.16.22, THERE ARE NO EXISTING TREES or PALMS CURRENTLY LOCATED ON THE PROPERTY.

EXISTING TREE SURVEY + DISPOSITION PLAN

