

MITIGATION TREE SCHEDULE TO BE REPLACED

TOTAL TO MITIGATE:
4 Palms # 1,2,3,6

MITIGATION PROPOSED:
4 Trees = 3 Pegium Plum trees, each having 12'HT 3"DBH 8'SP (ALL NATIVE)
1 Silver butonwood 12' HT 3" DBH 8' SP

MITIGATION LIST						
PALMS AND TREES						
	QTY	DBH	HEIGHT	SPREAD	NATIVE	CANOPY CREDIT
PP	3	3"	14'	8'	YES	1500
SBU	1	3"	14'	8'	YES	500

*100% of the total proposed as replacement is met by natives.

EXISTING TREE DISPOSITION CHART

NO.	BOTANICAL NAME	COMMON NAME	HEIGHT	CANOPY	CALIPER (DBH)	CONDITION	ACTION
1.	Vetlichia montgomeryana	Montgomery palm	20'	12'	7"	GOOD	REMOVE
2.	Vetlichia montgomeryana	Montgomery palm	19'	12'	6"	MODERATE	REMOVE
3.	Vetlichia montgomeryana	Montgomery palm	20'	12'	6"	MODERATE	REMOVE
4.	Adonia merillii	Adonia palm	14'	10'	4"	MODERATE	REMAIN
5.	Adonia merillii	Adonia palm	14'	10'	4"	MODERATE	REMAIN
6.	Ptychosperma elegans	Solitaire palm	18'	12'	4"	MODERATE	REMOVE
7.	Ficus benjamina	Ficus benjamina	20'	17'	9" multi	POOR	REMOVE*
8.	Ficus benjamina	Ficus benjamina	18'	20'	6" multi	POOR	REMOVE*
9.	Ficus benjamina	Ficus benjamina	20'	17'	6" multi	POOR	REMOVE*
10.	Ficus benjamina	Ficus benjamina	16'	15'	6" multi	POOR	REMOVE*

LEGEND

- EXISTING TO REMAIN
- EXISTING TO RELOCATE
- EXISTING TO REMOVE
- RELOCATED LOCATION

**EXOTICSCAPE & ASSOCIATES
LANDSCAPE ARCHITECTURE**

181 Harbor Dr. Key Biscayne, FL, 33149
(305)785-8256
LA Theresa Wymer LA6667363
Mercedes B.Porcari

NEW RESIDENTIAL BUILDING

829 4th St Miami Beach, FL 33139

SHEET TITLE

**TREE DISPOSITION
PLAN**

SCALE

3 / 16" = 1" - 0

ISSUE DATE

01/04/2023

REVISION

02/06/2023

DESIGN

MERCEDES PORCARI

DRAWN

ROBERTO CR

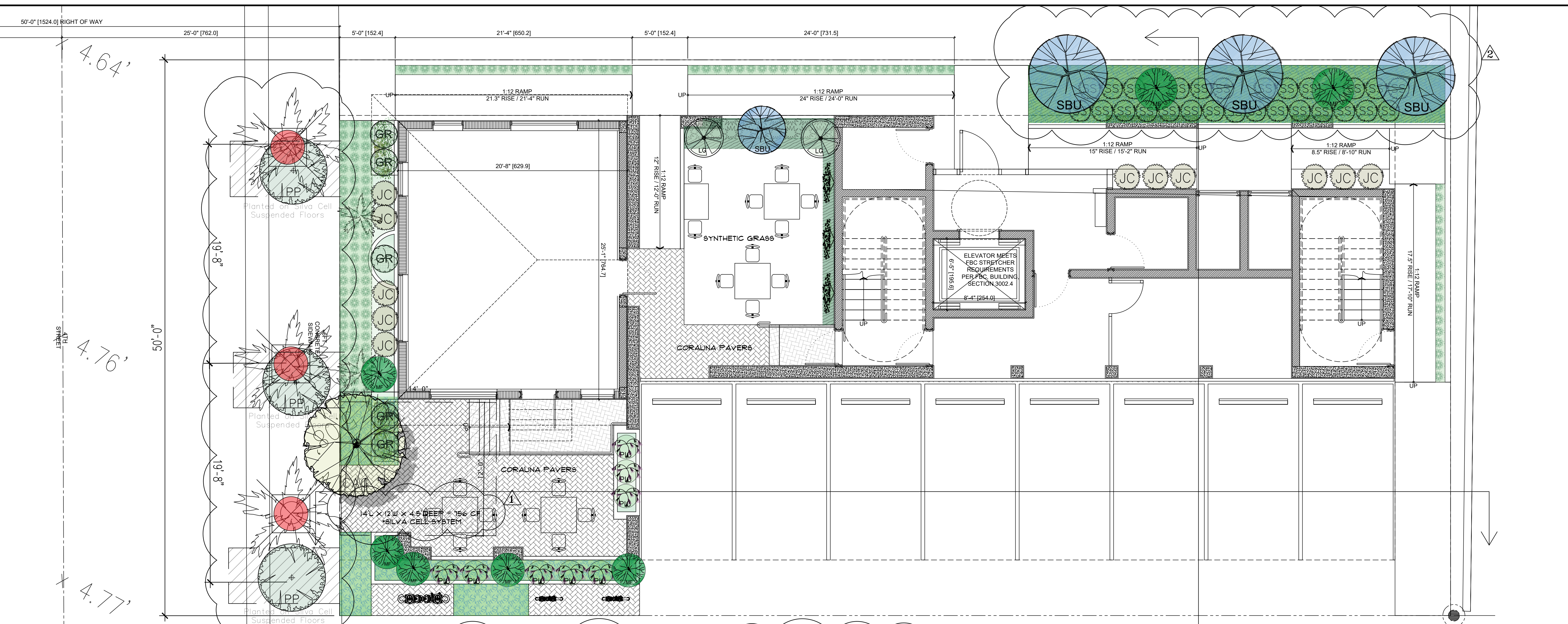
SEAL

THERESA WYMER
LA6667363

SHEET NUMBER

LA.00

0



50'-0" [1524.0] RIGHT OF WAY
 25'-0" [762.0]
 4.64'
 4.76'
 4.77'
 50'-0"
 19'-8"
 19'-8"
 4TH STREET

PLANT LIST						
TREES & PALMS						
SYM.	ABV.	QTY	BOTANICAL NAMES	COMMON NAMES	SIZE	
	MF	7	EUGENIA FOETIDA	SPANISH STOPPER	7'HT x 4' SP shrub form	NATIVE
	SBU	3	CONOCARPUS ERECTUS SERICEUS	SILVER BUTTONWOOD	14'HT x 8' SP 3"DBH	NATIVE
	CAG	1	CAESALPINIA GRANADILLO	BRIDALVEIL TREE	14'HT x 8' SP x 2.5"DBH	
	SBU	1	CONOCARPUS ERECTUS SERICEUS	SILVER BUTTONWOOD	8'HT x 6' SP BUSH	NATIVE
	PP	3	COCOLOBA DIVERSIFOLIA	PIGEON PLUM	14'HT x 8' SP x 3"DBH	NATIVE
	LG	3	LICUALA RAMSAIL	LICUALA PALM	5'HT x 4' SP SINGLE	
	GR	2	GARDENIA JASMINOIDES	GARDENIA	3'HT x 3' SP BUSH	

Large shrub / Small trees
 Lot trees
 Lot trees
 Large shrub / Small trees
 Street tree

* Silva Cell System detail included within the Plans sheet LA.03:

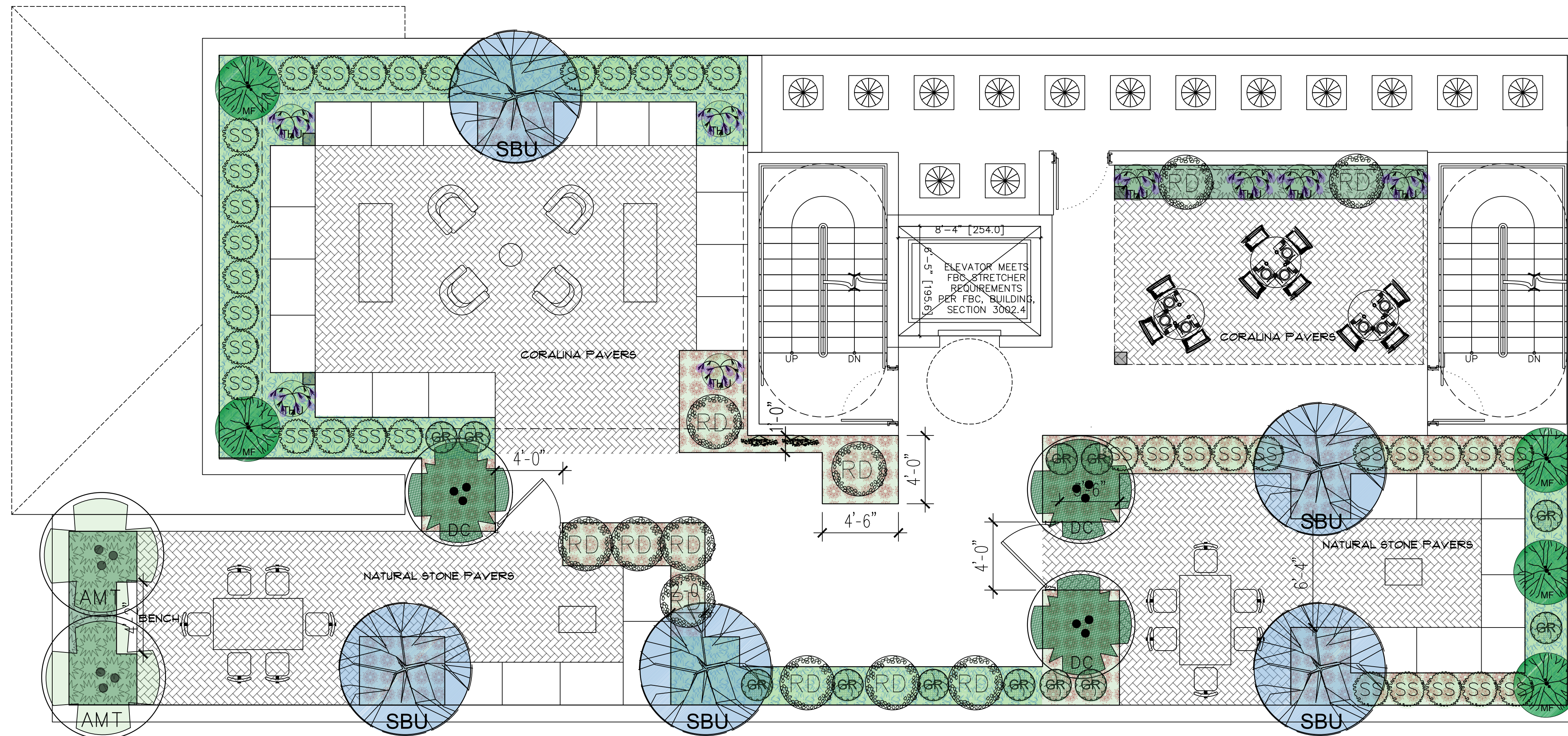
PLANT LIST						
SHRUBS						
SYM.	ABV.	QTY	BOTANICAL NAMES	COMMON NAMES	SIZE	
	PIC	8	CLERODENDRUM THOMSONIAE	BLEEDING HEART VINE	15 GAL 6" HT 24"SP	
	SS	28	MYRCIANTHES FRAGRANS	SIMPSON STOPPER	15 GAL 6" HT 2"SP	NATIVE
	JC	26	CAPPARIS CYNOPHALLOPHORA	JAMAICAN CAPER	7 GAL 2' HT 2"SP	NATIVE
	JAS	5	TRACHELOSPERMUM JASMINOIDES	CONFEDERATE JASMINE	7 GAL 24"HT FULL	
	MD	10	MONSTERA DELICIOSA	MONSTERA	7 GAL FULL	
	PHB	40	PHILLODENDRON BURLE MARX	BURLE MARX	3 GAL 12"	
	PLU	30	PLUMBAGO AURICULATA	BLUE PLUMBAGO	3 GAL 24" HT 24"SP	
	DCL	60	CLUSIA GUTIFERA "NANA"	DWARF CLUSIA	3 GAL 24" HT 24"SP	

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 (305)785-8256
 LA Theresa Wymer LA6667363
 Mercedes B.Porcari

NEW RESIDENTIAL BUILDING

829 4th St Miami Beach, FL 33139

SHEET TITLE	ISSUE DATE	DESIGN	SEAL	SHEET NUMBER
GROUND FLOOR LANDSCAPE PLAN	01/04/2023	MERCEDES PORCARI		
SCALE	REVISION	DRAWN		LA.01
3 / 16" = 1" - 0	02/06/2023	ROBERTO CR	THERESA WYMER LA6667363	



PLANT LIST					
TREES & PALMS					
SYM.	ABV.	QTY	BOTANICAL NAMES	COMMON NAMES	SIZE
	MF	5	EUGENIA FOETIDA	SPANISH STOPPER	7'HT x 4' SP shrub form NATIVE
	RD	11	RADERMANCHERA SINICA	RADERMANCHERA	4'HT x 3' SP SHRUB
	GR	10	GARDENIA JASMINOIDES	GARDENIA	3'HT x 3' SP BUSH
	SBU	5	CONOCARPUS ERECTUS SERICEUS	SILVER BUTTONWOOD	8'HT x 6' SP BUSH NATIVE
	AMT	2	ADONIDIA MERILLI	ADONIDIA TRIPLE	7'CT x 6' SP TRIPLE
	DC	2	DYPSIS CABADAE	CABADA PALM	10'HT x 7' SP MULTI

PLANT LIST					
SHRUBS					
SYM.	ABV.	QTY	BOTANICAL NAMES	COMMON NAMES	SIZE
	THU	4	THUMBERGIA GRANDIFLORA	SKY VINE	15 GAL 6' HT 24"SP
	SS	40	MYRCIANTHES FRAGRANS	SIMPSON STOPPER	15 GAL 6' HT 2"SP NATIVE
	JAS	5	TRACHELOSPERMUM JASMINOIDES	CONFEDERATE JASMINE	7 GAL 24"HT FULL
	MD	10	MONSTERA DELICIOSA	MONSTERA	7 GAL FULL
	PLU	30	PLUMBAGO AURICULATA	BLUE PLUMBAGO	3 GAL 24" HT 24"SP
	SUN	80	APTENIA CORDIFOLIA	BABY SUN ROSE	1 GAL 12" HT 12"SP

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LA Theresa Wymer LA6667363
Mercedes B.Porcari

NEW RESIDENTIAL BUILDING

829 4th St Miami Beach, FL 33139

SHEET TITLE
**ROOFTOP
LANDSCAPE PLAN**

SCALE
1 / 4" = 1" - 0

ISSUE DATE
01/04/2023

REVISION

DESIGN
MERCEDES PORCARI

DRAWN
ROBERTO CR

SEAL

THERESA WYMER
LA6667363

SHEET NUMBER

LA.02

§ 18A-11
Landscape maintenance.

- (A) An owner is responsible to ensure that landscaping required to be planted pursuant to this chapter, or the ordinances which were in effect prior to the effective date of this chapter, is:
- Installed in compliance with the Landscape requirements;
 - Maintained as to present a healthy, vigorous, and neat appearance free from refuse and debris; and
 - Sufficiently fertilized and watered to maintain the plant material in a healthy condition.
- (B) If any tree or plant dies which is being used to satisfy current landscape code requirements, such tree or plant shall be replaced with the same landscape material or an approved substitute.
- (C) Trees shall be pruned in the following manner:
- All cuts shall be clean, flush and at junctions, laterals or croches. All cuts shall be made as close as possible to the trunk or parent limb, without cutting into the branch collar or leaving a protruding stub.
 - Removal of dead wood, crossing branches, weak or insignificant branches, and sucker shall be accomplished simultaneously with any reduction in crown.
 - Cutting of lateral branches that results in the removal of more than one-third (1/3) of all branches on one (1) side of a tree shall only be allowed if required for hazard reduction or clearance pruning.
 - Lifting of branches or tree thinning shall be designed to distribute over half of the tree mass in the lower two-thirds (2/3) of the tree.
 - No more than one-third (1/3) of a tree's living canopy shall be removed within a one (1) year period.
 - Pruning shall be performed according to the current ANSI A300 Standards and the Landscape Manual.
- (7) All newly installed planting material will be maintained in a condition that meets or exceeds Florida #01 and has (01) one year replacement guarantee

- LANDSCAPE NOTES**
- Non Cypress variety mulch shall extend under all trees, shrubs and ground cover beds to the closest hard edge or sod border, in a minimum of 3" depth.
 - All plants shall meet the minimum standard of Florida No. 1 or better as specified in Grading and Standards for Nursery Plants as published by the Division of Plant Industry, Florida Department of Agriculture, latest edition.
 - All shrubs to be planted a minimum of 24" and ground covers a minimum of 12" from the edge of walks, building walls, pond's edge, etc. Ixora Nora Grant and Rapiholepis Indica to be planted 30" form edge of walkways.
 - All trees and palms over 8" in height shall be braced to prevent lateral movement for a period of six months from the date of planting. Either wood braces as shown in the planting detail, or the wire and turnbuckle method shall be used. No nails, screws, metal straps or wires are to be used directly against the trees or palms trunks.
 - All palms except for species such as Cocon, Acrochorde, Raphis, and other multitrunk palms, shall have straight trunks, free of scars, decay or any damage caused by digging, transport or planting handling of the same.
 - All work by the Landscape Contractor shall be performed in a professional and sound manner in accordance with established standards of landscape installation practices and workmanship.
 - Landscape Contractor is responsible for verifying plant quantities prior to bidding. Quantities shown in the plans may vary due to actual site scale, job conditions, etc... Landscape Architect assumes no responsibility for the actual plant count necessary for the successful completion of the work.
 - Landscape Contractor and his subcontractors shall be licensed and insured as required by the municipality, county, state or any other governmental agency requiring a license or insurance in order for the Landscape Contractor to perform his work.
 - All work shall conform to Miami-Dade County's landscape ordinance Chapter 18-A, ordinance # 98-13, and any other municipal landscape ordinance in effect at the projects location, including streets-trees.
 - Landscape Contractor is required to procure and obtain any necessary permits applicable for the successful completion of this project, if applicable.
 - Landscape material shall not be allowed to grow in such a manner as to impede streetfront triangle of visibility to property owner or neighbors, so as to materially impede vision between a height of 3 feet and 8 feet.
 - Landscape Contractor shall call Sunshine State One Call Center of Florida at 1-800-432-4770 (Toll Free) 48 hours before digging.
 - Landscape Contractor is responsible for inspecting the site and physically observing all the site conditions prior to entering into Agreements or Contract with Owner. Landscape Contractor shall coordinate his work with the General Contractor of Construction Manager in such a manner as to allow for a speedy and orderly completion of all work on the site.
 - Any excess soil, landscape materials and debris from the landscape Contractor's work shall be removed from the site immediately upon completion of his work.
 - Landscape Contractor shall coordinate the proposed planting in the Planting Plan with the work required in relocating and removal of trees in sheet L-1 (Existing Trees).
 - One year guarantee on plan material

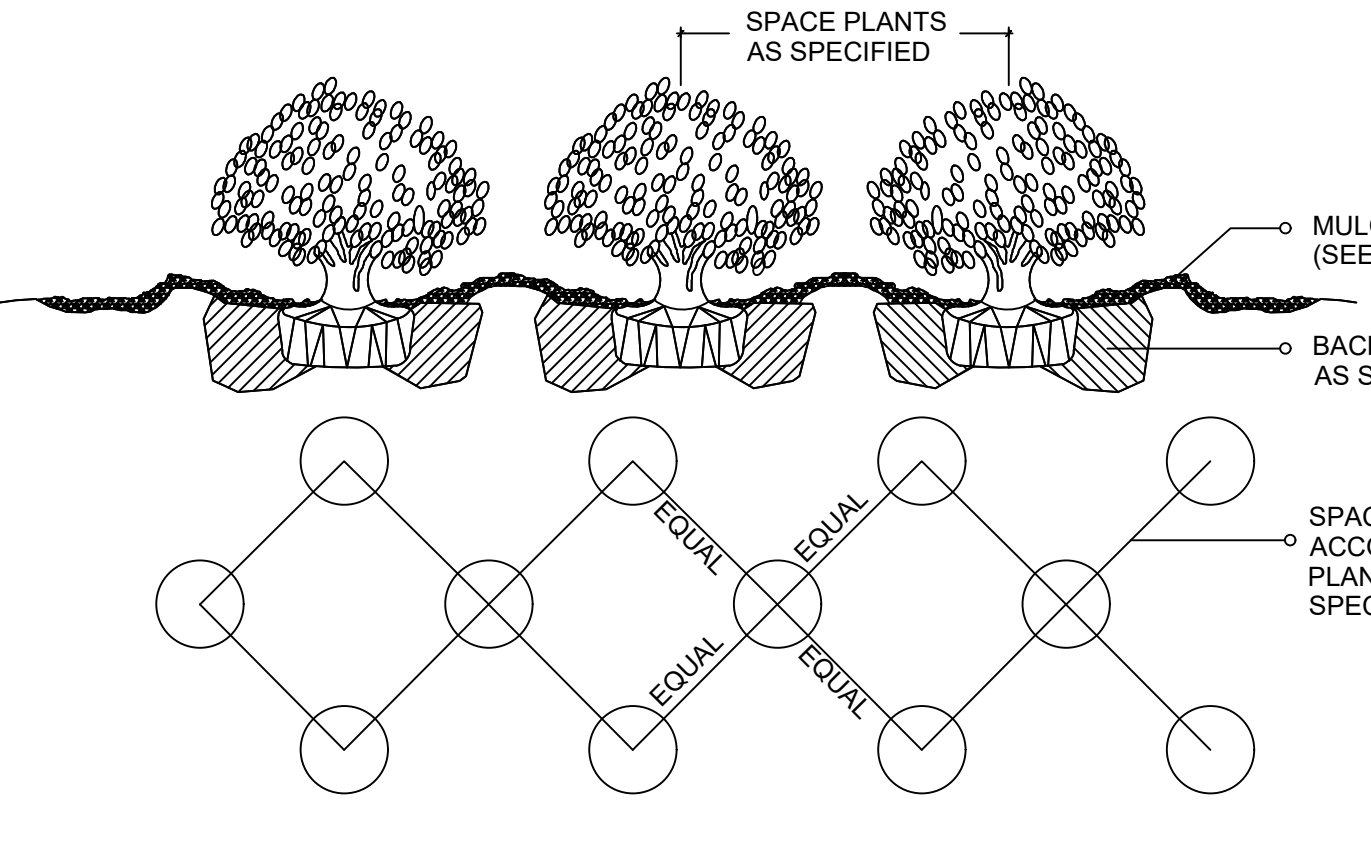
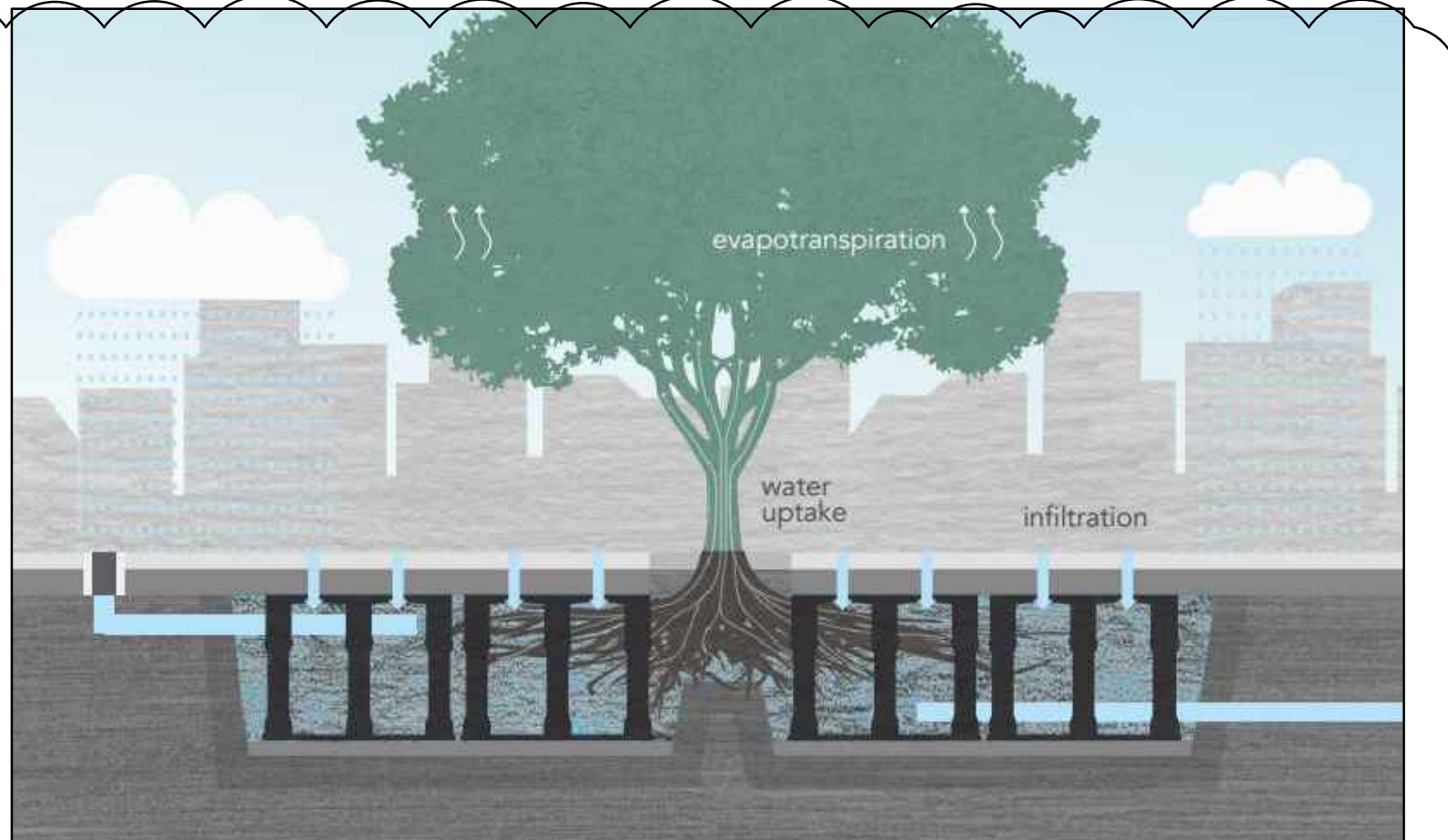
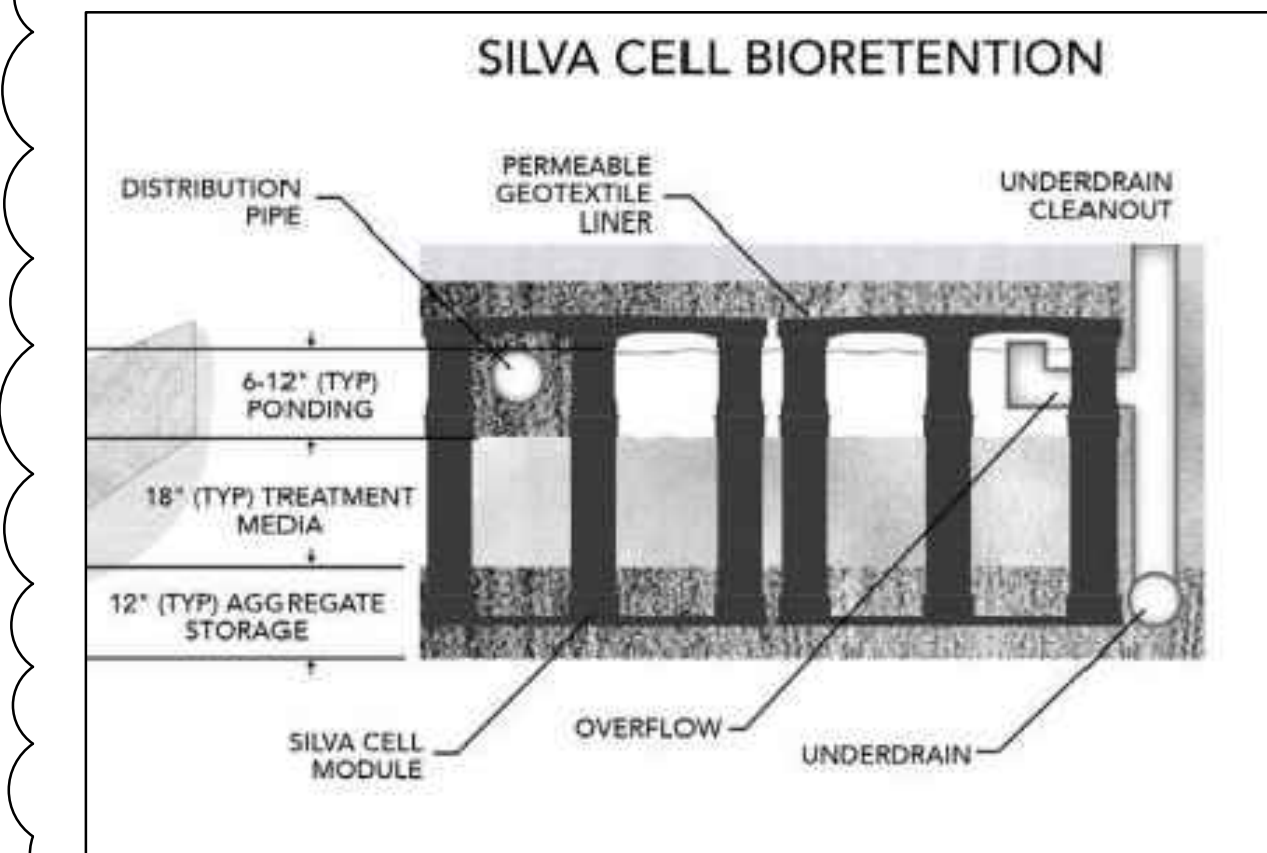
- Sec. 30-242 - Artificial turf.**
- (a) Definitions - The following words, terms and phrases when used in this section, shall have the meanings ascribed to them in this section:
- Corner Lot: A Lot located at the intersection of two streets and abutting such streets on two adjacent sides.
 - Artificial Turf: An artificial product manufactured from synthetic materials that simulates the appearance of natural turf, grass, sod or lawn.
- (b) Installation.
- Single Family and Two-Family Districts: Within the VR, VE, IR and PS Districts, Artificial Turf shall not be permitted to be installed within a Front Yard of any Lot, or within a Street Side Yard of a Corner Lot.
 - Other Districts: Within all other zoning districts with the exception of the PROS Public Recreation and Open Space Use District and the GU Government Use District, Artificial Turf shall not be permitted to be installed within a Front Yard, or within a Side Yard facing a Street.
- (c) Installation, Maintenance and Repair
- No person shall install Artificial Turf without first obtaining a permit from the Village Planning, Building and Zoning Department.
 - All Artificial Turf shall, at a minimum, be installed according to the manufacturer's specifications.
 - All seams shall be nailed and glued, not sewn, and edges shall be trimmed to fit against all regular and irregular edges to resemble a natural look.
 - If Artificial Turf is planned to be installed immediately adjacent to a seawall, the Artificial Turf shall be pinned or staked behind the seawall. No Artificial Turf or installation mechanism shall be attached directly to or placed on a seawall or seawall cap.
 - Artificial Turf shall be visually level, with the grain pointing in a single direction.
 - An appropriate solid barrier device (e.g., concrete mow strip, bumper board) is required to separate Artificial Turf from soil and live vegetation.
 - Precautions for installation around existing trees, including a proper radius, shall be provided to ensure that tree roots are not damaged with the installation of the base material and that the overall health of the tree will not be compromised.
 - All Artificial Turf shall be maintained in a green fadeless condition and shall be maintained free of dirt, animal waste, mud, stains, weeds, debris, tears, holes, and impressions. Maintenance shall include, but not be limited to cleaning, brushing, debris removal, repairing of depressions and ruts to maintain a visually-level surface; elimination of any odors, flat or matted areas, weeds, and invasive roots; and all edges of the Artificial Turf shall not be loose and must be maintained with appropriate edging or stakes.
 - Artificial Turf must be replaced if it falls into disrepair with fading or holes or loose areas. Replacement and repairs shall be done with like materials from the same manufacturer and done so in a manner that results in a repair that blends in with the existing Artificial Turf, without any matting.
 - All Artificial Turf shall be installed on a permeable backing in order to ensure proper drainage.
 - All Artificial Turf shall be of the highest quality available from a list of Village-approved manufacturers, and shall be a natural green color selected from a palette of colors approved by the Village.

LANDSCAPE LEGEND

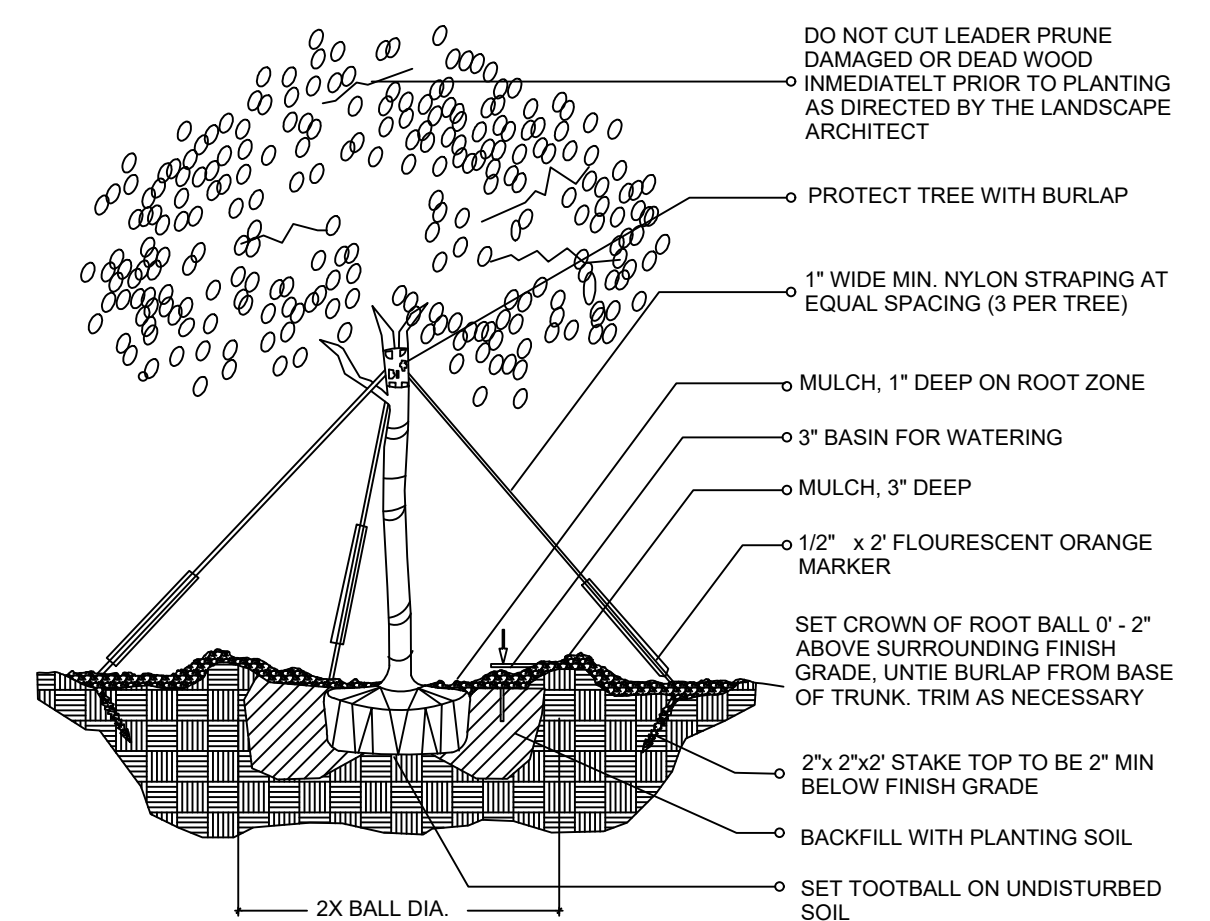
TRANSECT ZONE: ___CPS-2___ LOT AREA: 5000 SF ACRES: ___0.114___

	REQUIRED/	ALLOWED	PROVIDED
TREES			
A. NUMBER OF TREES REQUIRED PER LOT ACRE, LESS EXISTING NUMBER OF TREE MEETING MINIMUM REQUIREMENTS =			
1. TREES : LOT ACRE / 22 = NUMBER OF EXISTING TREES *	3	5	
B. % PALMS ALLOWED: NUMBER OF TREE PROVIDED X 40% =	2	2	
C. % NATIVES REQUIRED: NUMBER OF TREE PROVIDED 40% =			
D. % DROUGHT TOLERANT AND LOW MAINTENANCE: NUMBER OF TREE PROVIDED X 20% =	4	8	
E. STREET TREES (MAXIMUM AVERAGE SPACING OF 20' O.C.) LINEAR FEET ALONG STREET / 20' =	3	3	
F. STREET TREES LOCATED DIRECTLY BENEATH POWER LINES : (MAXIMUM AVERAGE SPACING OF 20' O.C.) : LINEAR FEET ALONG STREET / 20' =	NA		
SHRUBS			
A. NUMBER OF SHRUBS REQUIRED: NUMBER OF TREES REQUIRED X 12 =	72	80	
B. % NATIVE SHRUBS REQUIRED: NUMBER OF SHRUBS PROVIDED X 40% =	29	54	
LARGE SHRUBS OR SMALL TREE			
A. NUMBER OF SHRUBS REQUIRED X 10% =	8	8	
B. % NATIVE REQUIRED: NUMBER OF SHRUBS PROVIDED X 50% =	4	4	

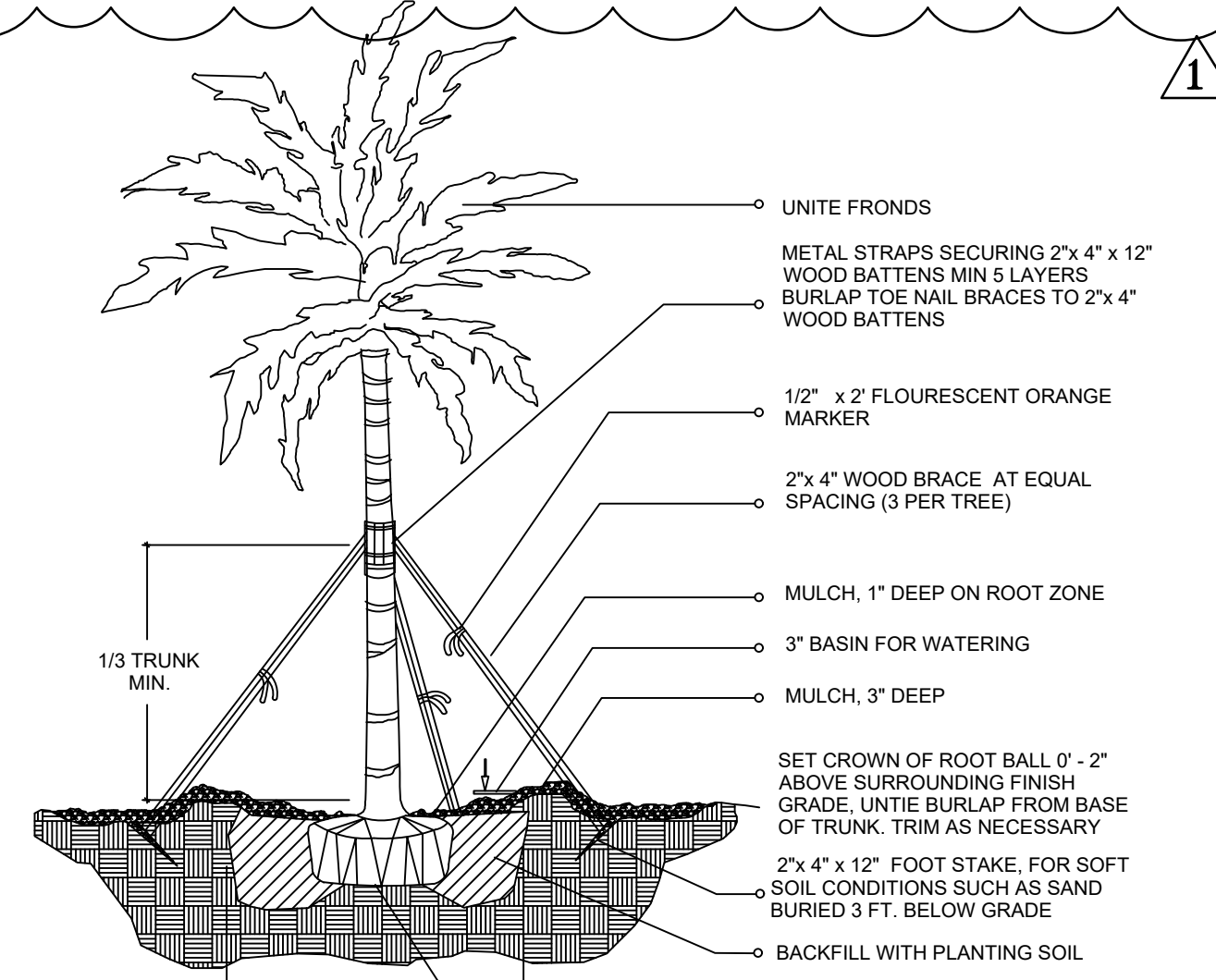
- *PROPOSED LOT TREES (4)**
- +3 SILVER BUTTWOOD
 - +1 BRIDALVEIL TREE
- **PROPOSED SHRUBS (54)**
- +28 SIMPSON STOPPER
 - +26 JAMAICAN CAPER
 - +26 PLUMBAGO
- ***PROPOSED LARGE SHRUBS/SMALL TREES (8)**
- +7 SPANISH STOPPERS
 - +1 SILVER BUTTWOOD
- ***PROPOSED STREET TREES (2)**
- 3 PROPOSED PIGEON PLUM



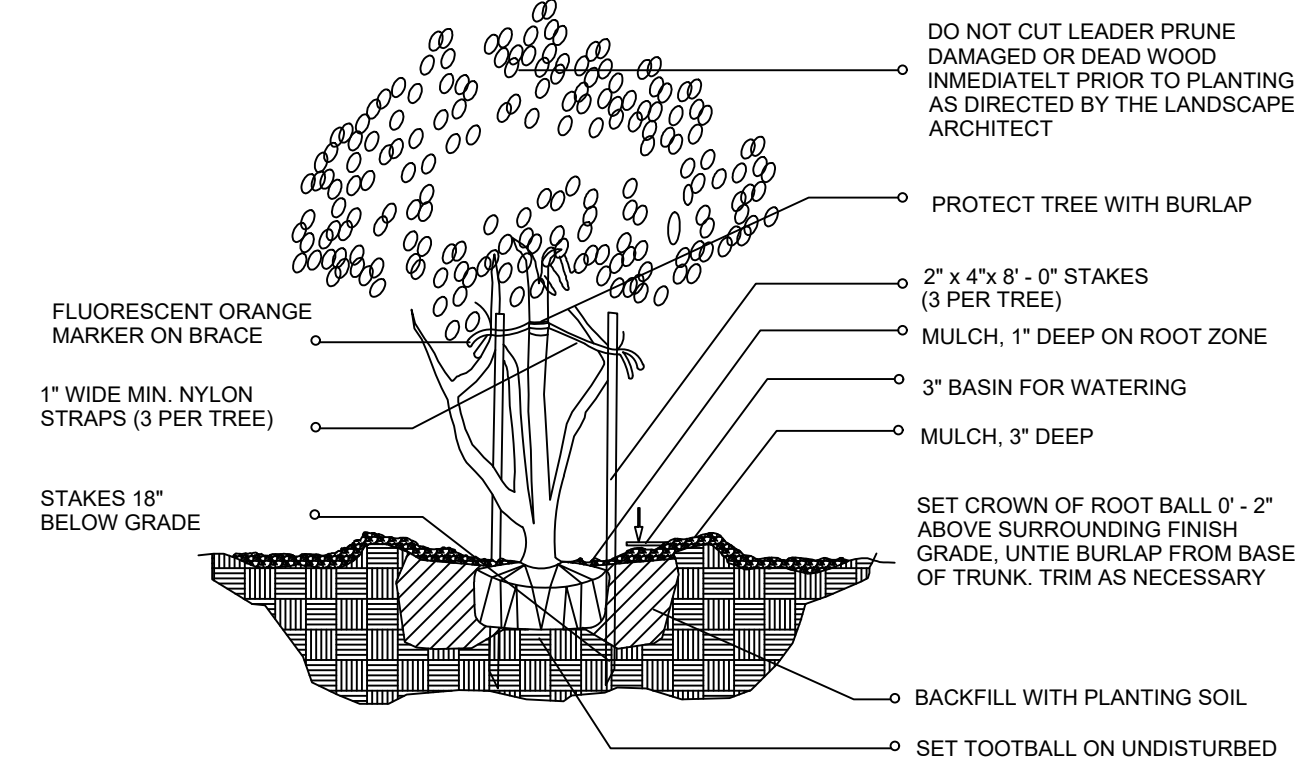
SHRUB / GROUNDCOVER SPACING PLANTING DETAIL



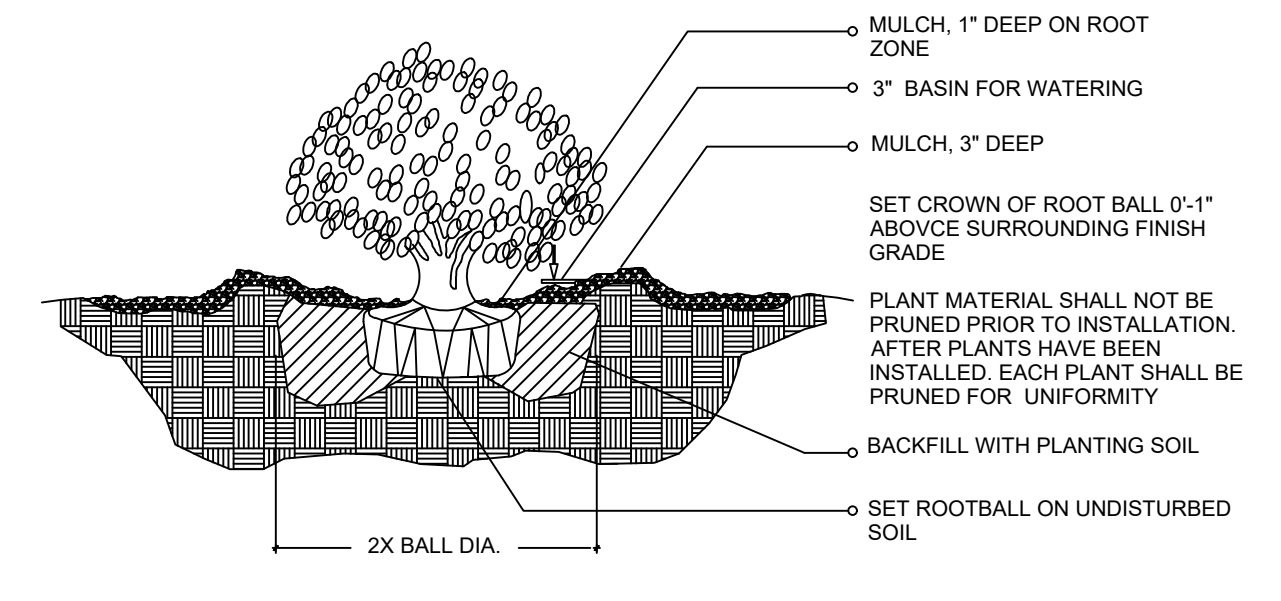
(2" cal. and over) LARGE TREE / PLANTING DETAIL



LARGE PALM / PLANTING DETAIL



MULTI-TRUNK AND SMALL TREE (2' cal. and under) / PLANTING DETAIL



SHRUB / PLANTING DETAIL

SYNTHETIC GRASS
SYNTHETIC LAWS OF MIAMI

SPECIFICATIONS:
 BRAND: LAWS GUYS MIAMI
 MODEL: SUNSET
 RECOMMENDED USE: MODERATE TO HEAVY TRAFFIC
 YARN COLOR: FIELD GREEN / LIME GREEN WITH BROWN THATCH
 YARN TYPE: MONOFILAMENT

YARN COMPOSITION: PE WITH THATCH
 THATCH COLOR: BROWN
 YARN DENIER: 9000 / 5000
 FACE WEIGHT: 80 OZ/YD
 TOTAL WEIGHT: 107 OZ/YD
 PILE HEIGHT: 1 3/4"

GAUGE: 3/8"
 ROLL LENGTH: 100'
 ROLL WEIGHT: 1155 LB
 RECOMMENDED INFILL: 1.5 - 2.5 LBSS.F.
 WEIGHT/50 FT: 0.77 LB

NOTES:

- Artificial turf shall consist of green fibrous individual blades of grass that emulate natural turf in look and color and shall have a minimum pile height of 1 1/2 inches and shall have a minimum tuft weight of 56.50 ounces per square yard.
- Artificial turf installers shall have a minimum permeability of 30 inches per hour per square yard.
- All artificial turf shall have a minimum eight year manufacturer's warranty that protects against color fading and a decrease in pile height.
- Artificial turf shall be lead free.
- Artificial turf shall be flame retardant.
- Artificial turf shall be manufactured from polyethylene monofilament, Dual Yarn System.
- All materials must include test documentation which declares that the artificial turf yarn and backing materials are disposable under normal conditions, at any US landfill station (Total Content Leach Protocol (TCLP) test).
- The use of indoor or outdoor plastic or nylon carpeting as a replacement for artificial or natural turf shall be prohibited.
- Artificial turf shall not be treated as a fill in material, but rather as a planned element of the landscape.

Installation, maintenance and repair.

- All artificial turf shall, at a minimum, be installed by a licensed professional pursuant to the manufacturer's specifications.
- All artificial turf installations shall be anchored to ensure that the turf will withstand the effects of wind.
- All seams shall be joined in a tight and secure manner, nailed or glued, not sewn, and edges shall be trimmed to fit against all regular and irregular edges to resemble a natural look.
- All artificial turf shall be installed over a subgrade prepared to provide positive drainage and an evenly graded mass of compacted, porous crushed rock aggregate material. Base comprising of sand only is not permitted.
- Proper drainage shall be provided for all artificial turf installations to prevent excess runoff or pooling of water.
- An infill medium consisting of clean silica sand or other approved mixture shall be brushed into the fibers to ensure that the fibers remain in an upright position and to provide ballast that will hold the turf in place and provide a cushioning effect. Artificial turf shall be visually level, with the grain pointing in a single direction.
- An appropriate solid barrier device (e.g., concrete mow strip, bumper board, aluminum edging other barrier with a minimum 3/8" thickness) is required to separate artificial turf from soil and live vegetation prevent intrusion of living plant material into the artificial turf areas.
- Precautions for installation around existing trees shall be monitored and may be restricted to ensure tree roots are not damaged with the installation of the base material and that the overall health of the tree will not be compromised.
- All artificial turf shall be maintained in a green fadeless condition and shall be maintained free of dirt, mud, stains, shall include, but not be limited to cleaning, brushing, debris removal, repairing of depressions and ruts to maintain a visually-level surface; elimination of any odors, flat or matted areas, weeds, and invasive roots; and all edges of the artificial turf shall not be loose and must be maintained with appropriate edging or stakes.
- Artificial turf must be replaced if it falls into disrepair with fading or holes or loose areas. Replacement and/or repairs shall be done with like materials from the same manufacturer and done so in a manner that results in a repair that blends in with the existing artificial turf.
- Made, assembled and warranted in the United States

EXOTICSCAPE & ASSOCIATES LANDSCAPE ARCHITECTURE

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Mercedes B.Porcari

NEW RESIDENTIAL BUILDING

829 4th St Miami Beach, FL 33139

SHEET TITLE	ISSUE DATE	DESIGN	SEAL	SHEET NUMBER
LANDSCAPE DETAILS	01/04/2023	MERCEDES PORCARI		LA.03
SCALE	REVISION	DRAWN		
1 / 8" = 1" - 0	02/06/2023	ROBERTO CR		
			THERESA WYMER LA6667363	



**EXOTICSCAPE & ASSOCIATES
LANDSCAPE ARCHITECTURE**

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(305)785-8256
LA Theresa Wymer LA6667363
Mercedes B.Porcari

NEW RESIDENTIAL BUILDING

829 4th St Miami Beach, FL 33139

SHEET TITLE LANDSCAPE ELEVATIONS	ISSUE DATE 01/04/2023	DESIGN MERCEDES PORCARI	SEAL	SHEET NUMBER
SCALE 1 / 8" = 1" - 0	REVISION	DRAWN ROBERTO CR	THERESA WYMER LA6667363	LA.04