TREE DISPOSITION SCHEDULE AND LEGEND

			DBH		Height	Spread	Critical Root Zone Radius*			
Tree #	Common Name	Scientific Name	(inches)	Condition	(feet)	(feet)	(feet)	Prohibited?	Specimen?	Comments
1	Canary Island date palm	Phoenix canariensis	29 🕂	Fair	55	20	19		YES	
2	solitaire palm	Ptychosperma elegans	4 –	Good	18	8	10			Below size threshold to be regulated as a tree
3	bishopwood	Bischofia javanica	12 -	Fair	45	25	10	YES		X
4	strangler fig	Ficus aurea	72 🕂	Fair	60	40	48		YES	
5	sabal palm	Sabal palmetto	10 🕂	Good	12	12	10			
6	gumbo limbo	Bursera simaruba	3 🕂	Fair	16	8	10			
7	umbrella tree	Schefflera actinophylla	28 -	Fair	25	25	19	YES		X
8	solitaire palm	Ptychosperma elegans	4 🕂	Good	16	12	10			Below size threshold to be regulated as a tree
9	Christmas palm	Adonidia merrellii	6 🕂	Good	20	12	10			
10	seagrape	Coccoloba uvifera	5 🕂	Fair	20	12	10			
11	pink trumpet tree	Tabebuia heterophylla	6 🕂	Fair	18	12	10			
12	umbrella tree	Schefflera actinophylla	10 -	Fair	16	16	10	YES		X
13	gumbo limbo	Bursera simaruba	3 🕂	Fair	16	12	10			
14	strangler fig	Ficus aurea	11 🕂	Fair	20	16	10			
15	gumbo limbo	Bursera simaruba	3 🕂	Good	18	12	10			
16	areca palm	Dypsis lutescens	cluster-	Good	15	15	5			
17	Brazilian pepper	Schinus terebinthifolius	10 -	Fair	20	12	10	YES		X
18	strangler fig	Ficus aurea	15 🕂	Good	20	15	10		YES	
19	gumbo limbo	Bursera simaruba	7 🕂	Fair	5	8	10			
20	bishopwood	Bischofia javanica	15 –	Fair	20	12	10	YES		X
* CRZ is a pla	anning estimate and may b	e adjusted based on field co	onditions							

(+) indicates tree required for mitigation

(-) indicates tree "NOT" required for mitigation

(X) indicates species as prohibited by city / county and shall be removed without required mitigation

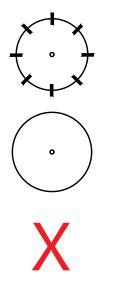
REQUIRED TREE REPLACEMENTS

total removals in DBH inches =	174
required tree replacements =	30 trees (4" dbh, 8'sp. X 16'ht.)
	or
	60 trees (2" dbh, 6'sp. X 12'ht.)
	or
	\$60,000 paid to tree trust fund

NOTES:

refer to sheet L3a for proposed mitigation strategy and planting plan to fulfill requirements as listed above.

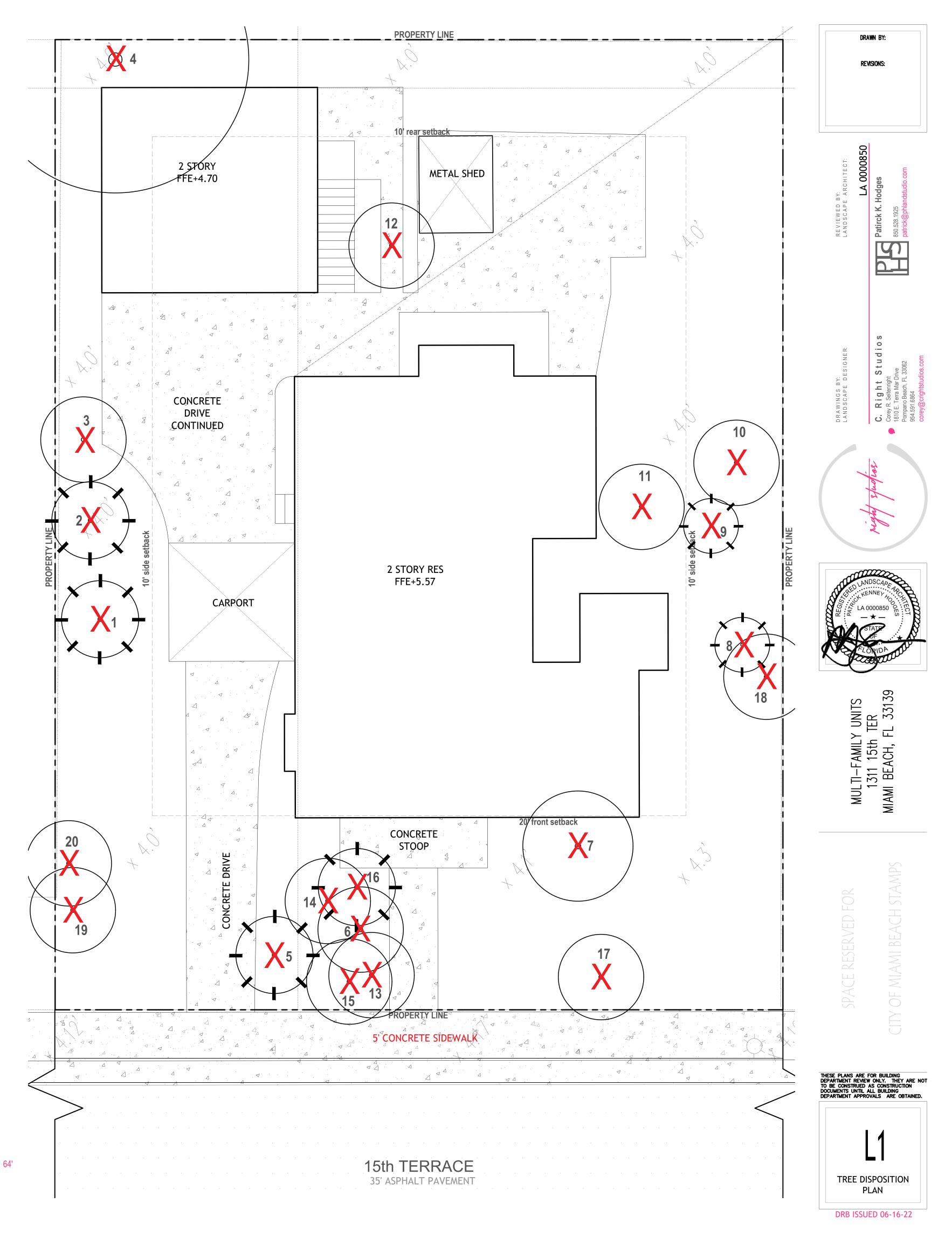
refer to arborist report for images and full descriptions of existing trees.



existing palm

existing tree

tree / palm to be demolished



DRAWING SCALE AND NORTH ARROW:



S C A L E: 3/16" = 1' - 0"

NORTH

MATERIAL SPECIFICATIONS LEGEND



Granite Gravel

- source: sutton brick and stone spec: granite chips size: 1/4" - 5/8" max. color: natural grey only finish: natural tumbled (no sharp edges)
- over landscape filter fabric set:

contact: 954.472.7646 700 SW 21st Terrace

Ft. Lauderdale, FL 33312 web: www.suttonbrick.com



source: per contractor

(508 sf)

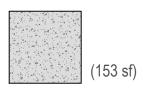
Concrete Step Finish (non-pervious surface)



contact: per contractor

finish: rocksalt (1/8"-1/4" and 5/8"- 3/4" aggregate)

spec: welded wire reinforced 3" min. thick



Permeable Paver Type 1



source: Unilock - copyright © 2022 Hengestone Holdings, Inc.
 spec:
 ECO-PRIORA™

 size:
 3.125" thick (staggered running bond)
color: granite joints: black sand fill per manufacturer finish: N/A

contact: https://unilock.com/contacts



Permeable Paver Type 1 (Alt. drive surface only)

(775 sf) or (558 sf) see alt. below



joints: black sand fill per manufacturer finish: N/A

contact: https://unilock.com/contacts



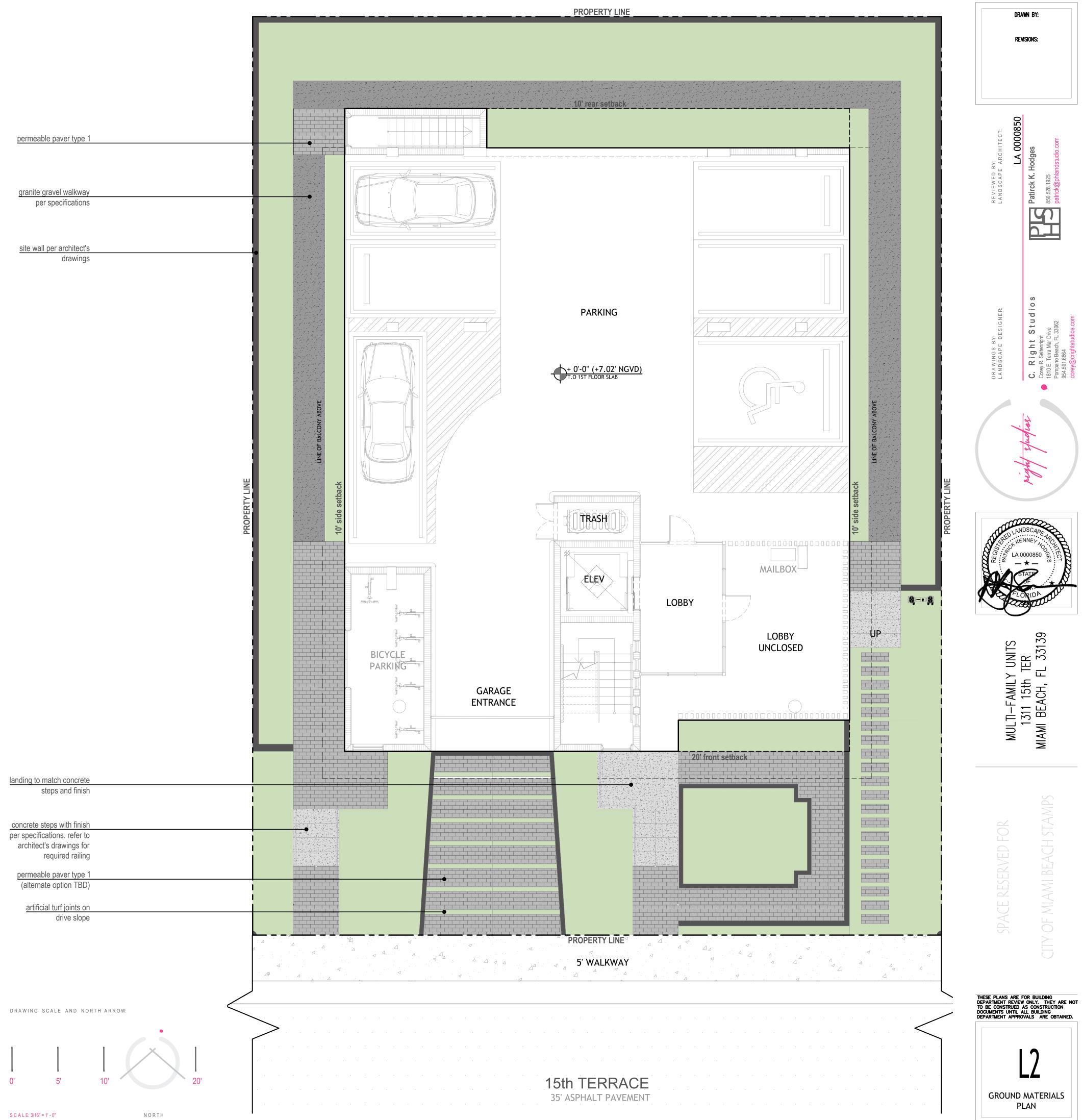
hatch denotes landscape areas

NOTE: refer to sheet L3 for landscape calculations. for additional materials above ground level refer to architect's drawings

LANDSCAPE SITE CALCULATIONS:

total site total landscape area	7,500 sf 3,580 sf	48%
pervious landscape area 20% partial pervious (permeable pavers)	2,041 sf 950 sf	70% 26%
non-pervious surface	153 sf	4%

(2,041 sf)



QTY SYM Botanical Name Common Name (2) street trees - S1 2 BS Bursera simaruba Gumbo Limbo (2) street trees - S1 10 EF Myrcianthes fragrans Simpson's Stopper (2) street trees - S1 10 EF Myrcianthes fragrans Dahoon Holly (2) street trees - S1 10 IE IIex cassine Dahoon Holly (2) street trees - S1 PALMS Dahoon Holly (2) street trees - S1 QTY SYM Botanical Name Common Name 2 SP Sabal palmetto Sabal Palm SHRUBS and UNDERSTORY PALMS (2) street trees - S1 (2) street trees - S1 QTY SYM Botanical Name Common Name 6 AD Acrostichum danaeifolium Giant Leather Fern 6 CM Codiaeum variegatum 'Nammey' Croton 24 FM Ficus microcarpa Green Island Ficus 33 GL Gymnanthes lucida Crabwood (2) street trees - S1 11 ZP Zamia pumila Coontie ACCENTS, VINES and GRASSES (2) SS <	TREE	S			
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101ELErnodea littoralisGolden Creeper24LMLiriope muscariBig Blue Liriope	QTY	SYM	Botanical Name	Common Name	
24 LM Liriope muscari Big Blue Liriope	136	BF	Bulbine frutescens 'orange'	Orange Bulbine	
	101	EL	Ernodea littoralis	Golden Creeper	
8 LN Lysimachia nummularia Creeping Jenny	24	LM	Liriope muscari	Big Blue Liriope	
	8	LN	Lysimachia nummularia	Creeping Jenny	

NOTE: plan provided for illustrative purposes only. refer to sheet L3a for full proposed landscape plan and minimum specifications to meet plant replacements for tree removals.

LANDSCAPE LEGEND

refer to sheet L3a for full landscape plan and plant calculations noted on landscape legend



TREE	S				
QTY	SYM	Botanical Name	Common Name		Specifications
2	BS	Bursera simaruba	Gumbo Limbo		FG, 8" min. cal, 6' CT, 16' ht x 8' sp min.
8	CD	Coccoloba diversifolia	Pigeon Plum	(2) street trees - ST	FG, 4" min. cal, 16' ht x 8' sp min.
10	EF	Myrcianthes fragrans	Simpson's Stopper	(2) street trees - ST	200 gal, 4" min. cal, single 4' min. CT, 16' ht x8' sp min
10	IC	Ilex cassine	Dahoon Holly		FG, 4" min. cal, 16' ht x 8' sp min. 6' min. CT
					•
PALN	VIS				
QTY	SYM	Botanical Name	Common Name		Specification
2	SP	Sabal palmetto	Sabal Palm		OA hts as noted per plan (full booted)
SHRU	JBS an	d UNDERSTORY PALMS			
QTY	SYM	Botanical Name	Common Name		Specification
6	AD	Acrostichum danaeifolium	Giant Leather Fern		15 gal, 36"x 36" full
6	СМ	Codiaeum variegatum 'Mammey'	Croton		7 gal, 30"x 30" full
24	FM	Ficus microcarpa	Green Island Ficus		7 gal, 24"x24" full
33	GL	Gymnanthes lucida	Crabwood		15 gal, 4' min. ht 24" sp (36" O.C. spacing)
4	LL	Lyonia lucidia	Shiny Lyonia		15 gal, 36"x 36" full
13	PM	Podocarpus macrophyllus	Japanese Yew		15 gal, 5'-6' ht, 24" spr
28	PN	Psychotria nervosa	Dwarf Wild Coffee		7 gal, 24"x 24" full
12	SRS	Serenoa repens 'silver'	Silver Saw Palmetto		25 gal, 36" x 36"
11	ZP	Zamia pumila	Coontie		7 gal, 24"x 24" full
100		(INES and CRASSES			
ALL		/INES and GRASSES			
QTY	SYM	Botanical Name	Common Name		Specifications
42	AE	Aspidistra elatior	Cast Iron Plant		7 gal, 24"x24" full
3	AI	Alcantarea imperialis Bromeliad	Same		15 gal, 30" x30" full red color sun grown
GRO	UNDC	OVERS			
QTY	SYM	Botanical Name	Common Name		Specifications
136	BF	Bulbine frutescens 'orange'	Orange Bulbine		1 gal, 12"x12" full
101	EL	Ernodea littoralis	Golden Creeper		3 gal, 24"x24" full
24	LM	Liriope muscari	Big Blue Liriope		7 gal 24"x24" full
8	LN	Lysimachia nummularia	Creeping Jenny		1 gal (to be placed in the field by LA)

X - indicates native species

refer to sheet L4 for suggested plant imagery refer to L5 and L6 for rendered views as noted here on plan

street trees provided on private property are shown within 7' of the property line to be considered as street trees per the city of miami beach.

MITIGATION NOTE:

per the mitigation requirements on sheet L1, this proposed plan provides 30 trees at a specification of 4" min. cal, 16' ht x 8' sp min. which covers all mitigation required for the site. No other mitigation is required.

LANDSCAPE LEGEND

CITY OF MIAMI BEACH

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS Zoning DistrictRM-1Lot Area 7,500 SF	Acres .17	
	REQUIRED/	
OPEN SPACE	ALLOWED	PROVIDED
A. Square feet of required Open Space as indicated on site plan:		
Lot Area = <u>7,500</u> s.f.x <u>45</u> % = <u>3,375</u> s.f.	3,375 SF	3,580 SF
B. Square feet of parking lot open space required as indicated on site plan:		
Number of parking spaces <u>N/A</u> x 10 s.f. parking space =	N/A	N/A
C. Total square feet of landscaped open space required: A+B=	3,375 SF	3,580 SF
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	N/A	N/A
B. Maximum lawn area (sod) permitted= <u>N/A</u> % x <u>N/A</u> s.f.	N/A	N/A
TREES		
A. Number of trees required per lot or net lot acre, less existing number of		
trees meeting minimum requirements=		
28 trees x	5	30
B. % Natives required: Number of trees provided x 30% =	15	30
C. % Low maintenance / drought and salt tolerant required:		
Number of trees provided x 50%=	5	30
D. Street Trees (maximum average spacing of 20' o.c.)		
75 linear feet along street divided by 20'=	4	4
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.):		
N/A linear feet along street divided by 20'=	N/A	N/A
<u>SHRUBS</u>		
A. Number of shrubs required: Sum of lot and street trees required x 12=	108	137
B. % Native shrubs required: Number of shrubs provided x 50%=	69	90
LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shru	bs	
x 10%=	11	79
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	40	79
•		

IRRIGATION SYSTEM NOTES AND REQUIREMENTS:

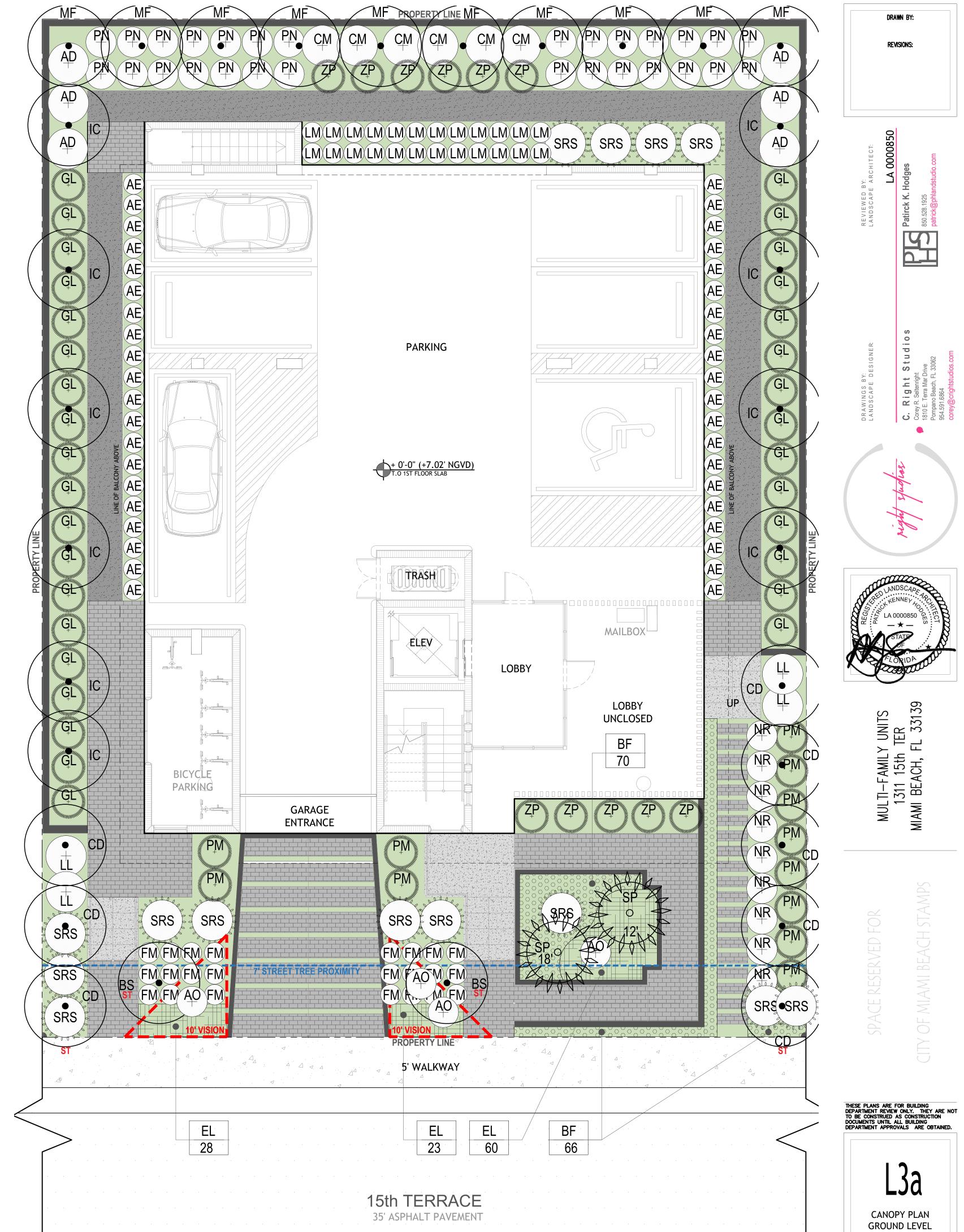
the contractor shall install an automatic underground irrigation system with a minimum of two bubblers or drip emitters at each new tree and palm location and with sprayheads to ensure 100% coverage of all planting bed areas and rotors for complete coverage of all sodded lawn areas within the limits of work for this project (refer to plan provied by landscape architect).

the contractor shall submit shop drawings of the irrigation system for review and approval by the landscape architect and owner prior to the award of the landscape and irrigation contract.

the system.

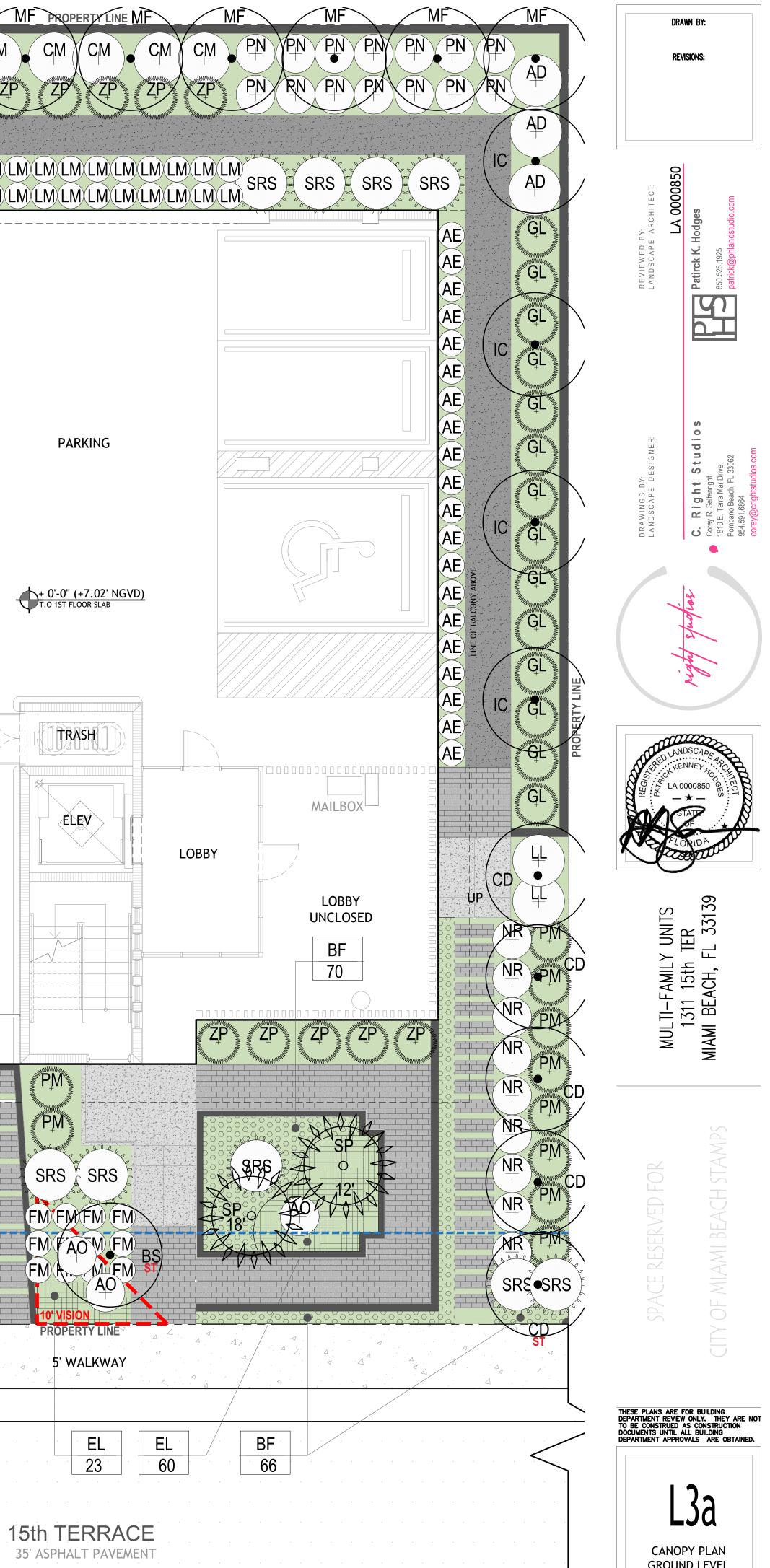
the shop drawings for the irrigation system shall include a backflow preventer, lightning protection, a "smart" controller, moisture-sensing devices, piping, heads, valves and all other equipment required by local codes and as necessary for a complete working system.

the contractor shall provide an operations manual to the owner and landscape architect prior to completion of the irrigation system installation and shall demonstrate and instruct the owner's maintenance provider in the complete operation of



DRAWING SCALE AND NORTH ARROW:

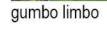




S C A L E: 3/16" = 1' - 0"

NORTH









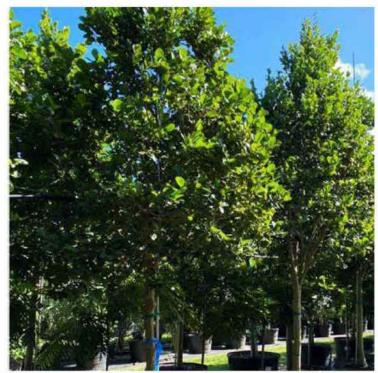
silver saw palmetto



giant leather fern

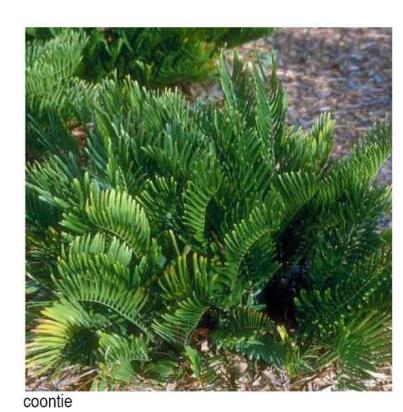


dwraf wild coffee



pigeon plumb







orange bulbine



simpson stopper



crabwood



cast iron plant



golden creeper



dahoon holly



shiny lyonia



imperial bromeliad



big blue liriope



sabal palm





podocarpus



bougainvillea





creeping jenny



SPACE RESERV







TREES			
QTY	SYM	Botanical Name	Common Name
6	EF	Myrcianthes fragrans	Simpson's Stopper
2	L	Ligustrum japonicum	Japanese Privet
	/E PA	LMS	
QTY	SYM	Botanical Name	Common Name
8	SP	Sabal Palmetto	Sabal Palm
2 TR		Thrinax radiata	Florida Thatch Palm
UNDE	RSTO	RY SHRUBS, ACCENTS and G	ROUNDCOVERS
QTY	SYM	Botanical Name	Common Name
14	AA	Agave attenuata	Same
6 BA Bou		Bougainvillea 'Afterglow'	After Glow Bougainvillea
76 TJ Trachelospermum jasminoides		Trachelospermum jasminoides	Confederate Jasmine
36	36 FM Ficus microcarpa		Green Island Ficus
4	SRS	Serenoa repens 'silver'	Silver Saw Palmetto

NOTES:

plan provided for illustrative purposes only. refer to sheet L7a for full proposed landscape plan and minimum specifications

refer to suggested plant imagery below

refer to L8 for rendered views as noted here on plan

materials, furnishing, pool and details per architect's drawings

IRRIGATION SYSTEM NOTES AND REQUIREMENTS:

the contractor shall install an automatic

underground irrigation system with a minimum of two bubblers or drip emitters at each new tree and palm location and with sprayheads to ensure 100% coverage of all planting bed areas and rotors for complete coverage of all sodded lawn areas within the limits of work for this project (refer to plan provied by landscape architect).

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PLANT IMAGERY ALL UPPER LEVELS



agave atenuatta



simpson stopper



green island ficus



confederate jasmine



ligustrum



silver saw palmetto



bougainvillea

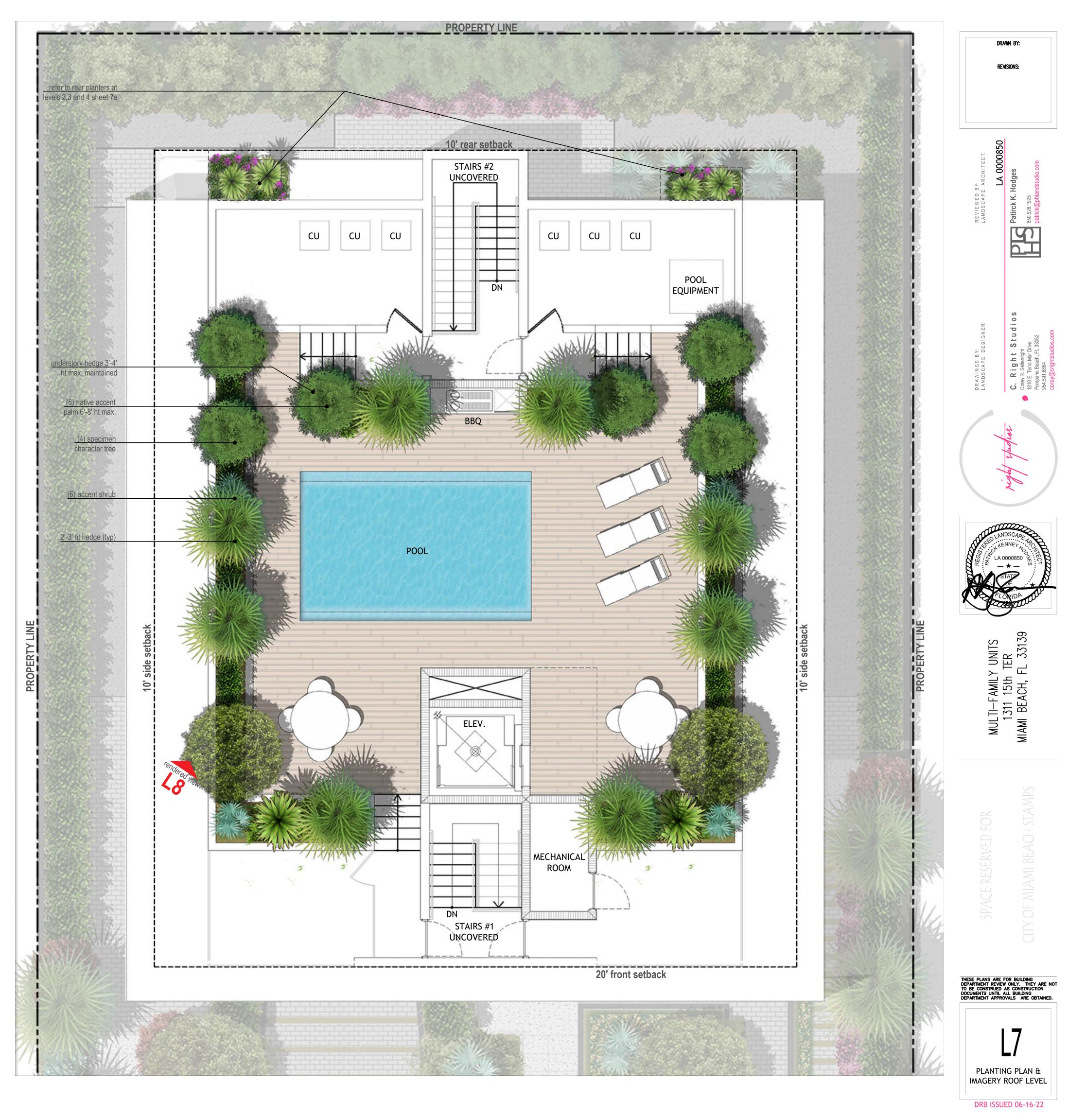


florida thatch palm



DRAWING SCALE AND NORTH ARROW:





	TREES	5			
	QTY	SYM	Botanical Name	Common Name	Specifications
Χ	6	EF	Myrcianthes fragrans	Simpson's Stopper	30 gal, Multi-tree, 6-8 ft ht, 4'-6' spr
	2	L	Ligustrum japonicum	Japanese Privet	65 gal, 8' ht, 6' spr
	NATI	/E PA	LMS		
	QTY	SYM	Botanical Name	Common Name	Specification
Χ	8	SP	Sabal Palmetto	Sabal Palm	14' ht OA, fully booted, 12" min. dia trunks
Χ	2	TR	Thrinax radiata	Florida Thatch Palm	10' ht OA, 4" min Cal
	UNDERSTORY SHRUE		RY SHRUBS, ACCENTS and GRO	UNDCOVERS	
	QTY	SYM	Botanical Name	Common Name	Specification
	14	AA	Agave attenuata	Same	7 gal, 24" x 24" full (mixed heights 18"-30")
	6	BA	Bougainvillea 'Afterglow'	After Glow Bougainvillea	7 gal 24" 4' trellis (hang over planter edge)
	76	TJ	Trachelospermum jasminoides	Confederate Jasmine	7 gal, 24" x 24" full
	36	FM	Ficus microcarpa	Green Island Ficus	15 gal, 30" x 30' full
Χ	4	SRS	Serenoa repens 'silver'	Silver Saw Palmetto	25 gal 36" x 36" full

X - indicates native species

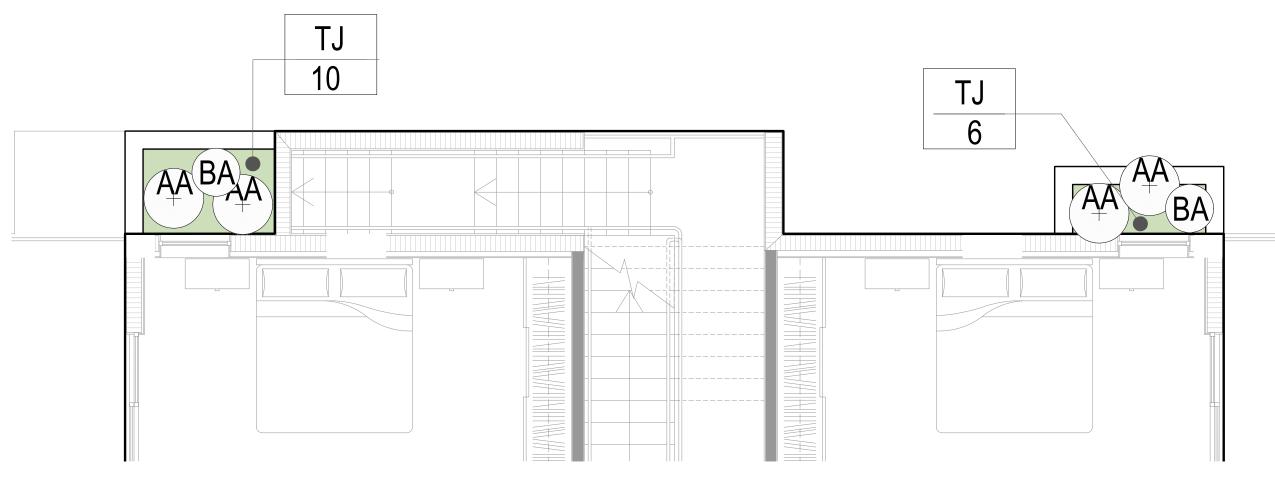
NOTES:

plan provided for illustrative purposes only. refer to sheet L7a for full proposed landscape plan and minimum specifications

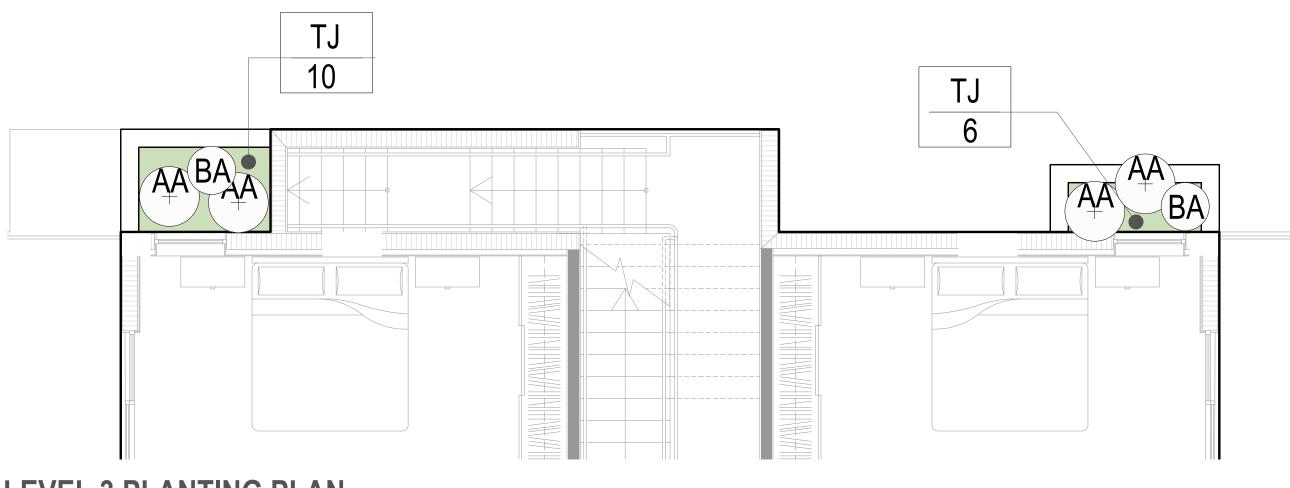
refer to suggested plant imagery below

refer to L8 for rendered views as noted here on plan

materials, furnishing, pool and details per architect's drawings



LEVEL 2 PLANTING PLAN



LEVEL 3 PLANTING PLAN

DRAWING SCALE AND NORTH ARROW:

NORTH

S C A L E: 1/4" = 1' - 0"

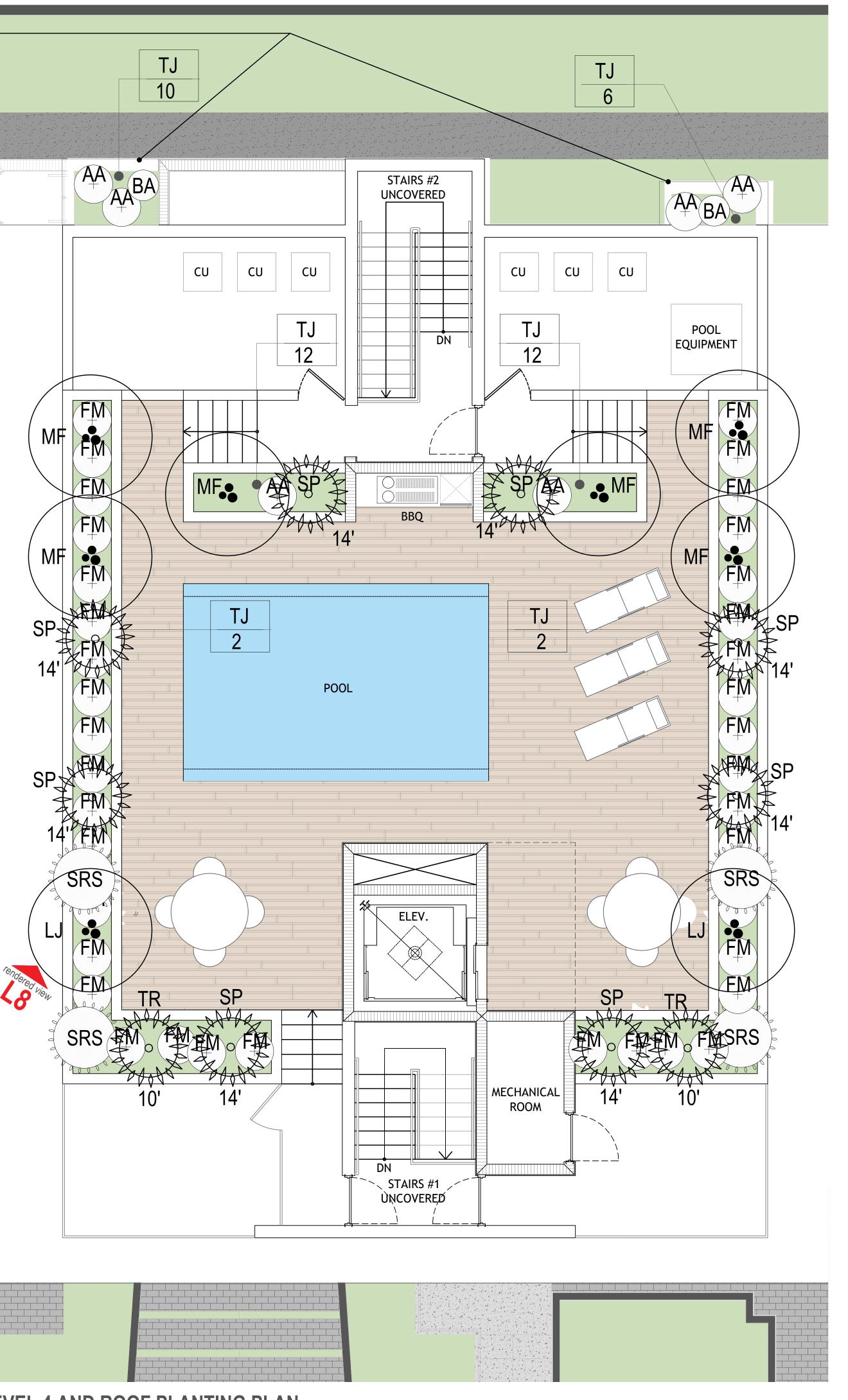
IRRIGATION SYSTEM NOTES AND REQUIREMENTS:

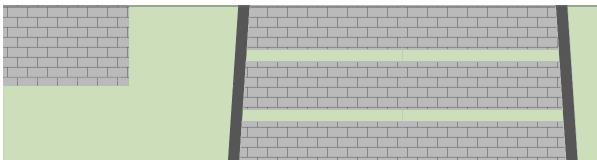
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LEVEL 4 AND ROOF PLANTING PLAN







city of miami beach stami

LIGHTING LEGEND

QTY	LIGHT TYPE
5	accent up light
8	small accent up light
18	step / wall light
3	well spot light
21	path light
	5 8 18 3

(flat side of triangle symbols indicates direction of light) (drawing sheet is provided in schematic format to show design intent only)

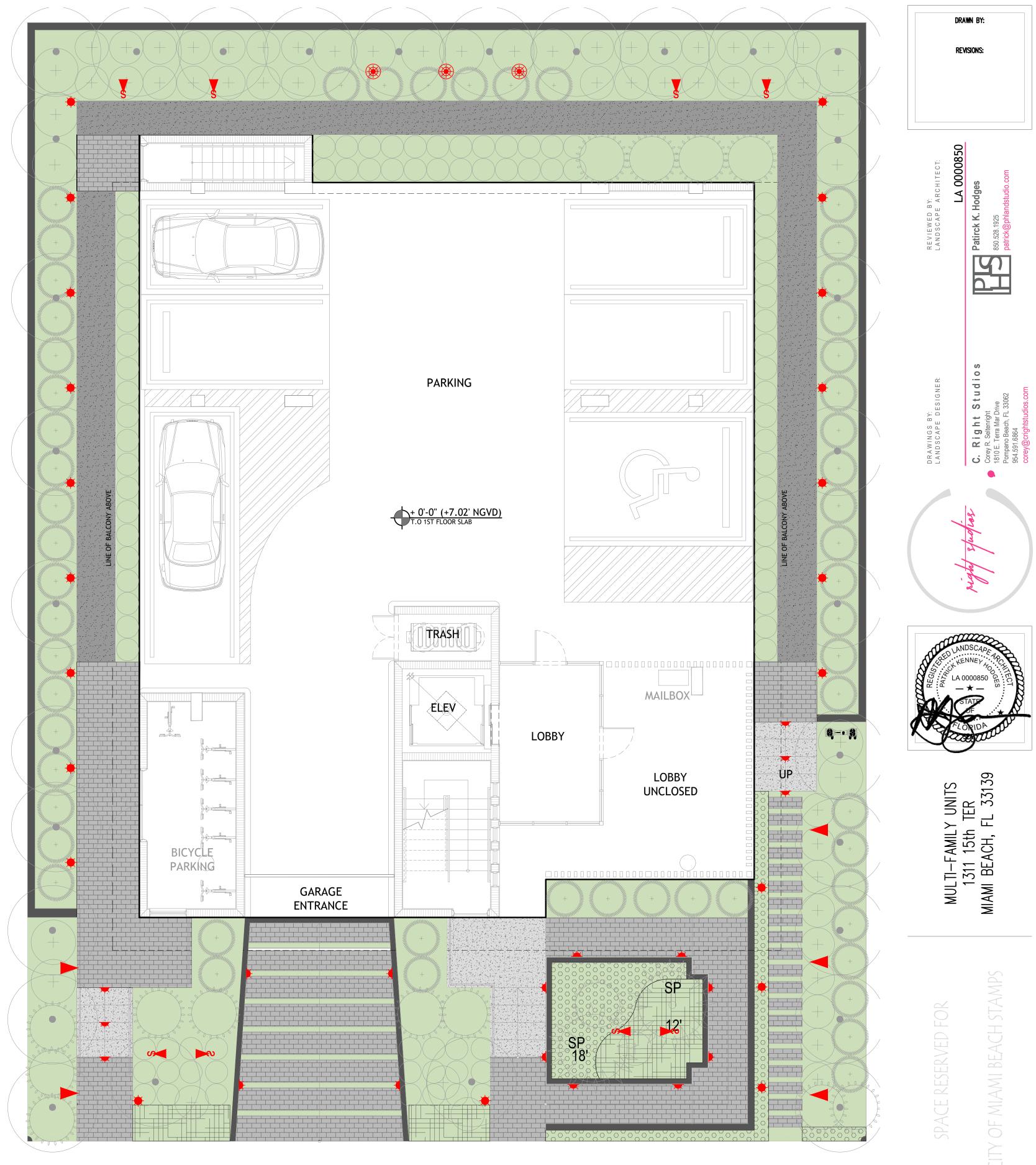
LIGHTING NOTES

all proposed fixtures shall be low voltage LED and shall be dimmable on a photocell timer or automatic timer. controller shall be digital to simplify necessary changes for ownership / management.

extra space shall be left on lighting panel for future needs as deemed appropriate by ownership / management or city officials to meet code.

all fixtures shall have a kelvin color of 3,000. any deviation from color shall require review and approval by landscape architect and city.

all fixtures shall be made of corrosion resistant materials with stainless steel or brass finishes.



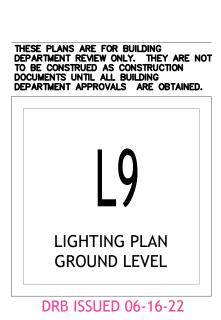
DRAWING SCALE AND NORTH ARROW:



S C A L E: 3/16" = 1' - 0"

NORTH

5' WALKWAY



LIGHTING LEGEND

QTY	LIGHT TYPE
8	small accent up light
18	step / wall light (lights behind planting are intended to point up towards palm heads)
21	path light
	18

(flat side of triangle symbols indicates direction of light) (drawing sheet is provided in schematic format to show design intent only)

LIGHTING NOTES

all proposed fixtures shall be low voltage LED and shall be dimmable on a photocell timer or automatic timer. controller shall be digital to simplify necessary changes for ownership / management.

extra space shall be left on lighting panel for future needs as deemed appropriate by ownership / management or city officials to meet code.

all fixtures shall have a kelvin color of 3,000. any deviation from color shall require review and approval by landscape architect and city.

all fixtures shall be made of corrosion resistant materials with stainless steel or brass finishes.

DRAWING SCALE AND NORTH ARROW:



NORTH

S C A L E: 1/4" = 1' - 0"

