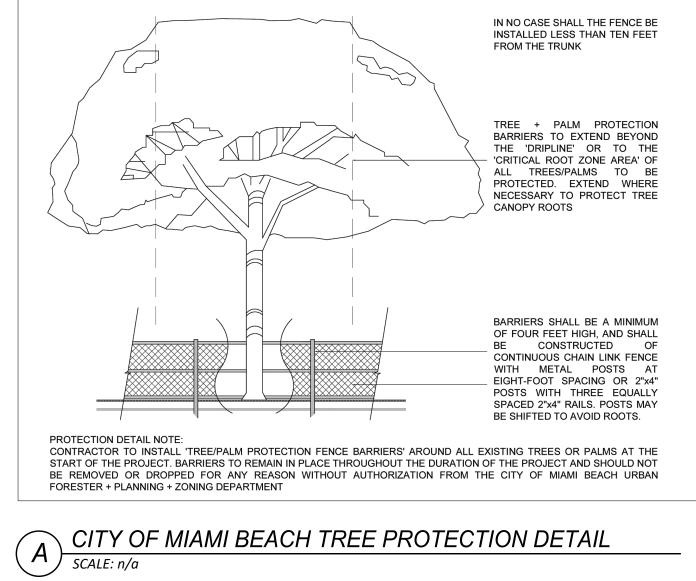


TREE/ PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES/PALMS THAT ARE 'TO REMAIN, BE PROTECTED OR BE RELOCATED' NO ACTIVITY OR DISTURBANCE SHOULD OCCUR WHITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC.



#### **DISPOSITION SCHEDULE AND NOTES**

# TAG	SYM	Botanical Name	Common Name	DBH inches	Spread (ft)	Height (ft)	Prohibited	Specimen	Disposition	Notes / Condition
1	DR	Delonix regia	Royal Poinciana	14	34	28	n	n	remove	too tight next to building
2	AA	Archontophoenix aleandrae	Alexandra Palm	4	6	26	n	n	remove	impedes construction access
3	AA	Archontophoenix aleandrae	Alexandra Palm	4	7	30	n	n	remove	impedes construction access
4	AA	Archontophoenix aleandrae	Alexandra Palm	3	7	16	n	n	remove	impedes construction access
5	CU	Coccoloba uvifera	Sea Grape	6	16	20	n	n	remove	needs removal to clean and refinish building
6	AA	Archontophoenix aleandrae	Alexandra Palm	4	7	24	n	n	remove	grade change required for proposed considtions
7	AA	Archontophoenix aleandrae	Alexandra Palm	3	6	18	n	n	remove	grade change required for proposed considtions
8	AA	Archontophoenix aleandrae	Alexandra Palm	4	7	26	n	n	remove	poor condition replace with better healthier material
9	AA	Archontophoenix aleandrae	Alexandra Palm	4	6	18	n	n	remove	poor condition replace with better healthier material
10	SP	Sabal palmetto	Cabage Palm	10	10	16	n	n	remove	poor condition replace with better healthier material

## REQUIRED TREE REPLACEMENTS

total removals in DBH inches =

required tree replacements =

### NOTES:

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

- 20 trees (2" dbh, 6'sp. X 12'ht.) 10 trees (4" dbh, 8'sp. X 16'ht.) or
- \$20,000 paid to tree trust fund

### DISPOSITION LEGEND

°°°°°° : SYM °, #, °

#SYM

existing palm

existing tree

tree / palm to be demolished

tree protection fencing layout (refer to detail A/ L1)

## TREE DISPOSITION PLAN

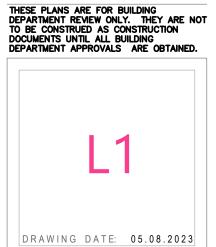
NEW BUILDING FOR: 1529 JEFFERSON AVENUE MIAMI BEACH, FL 33139

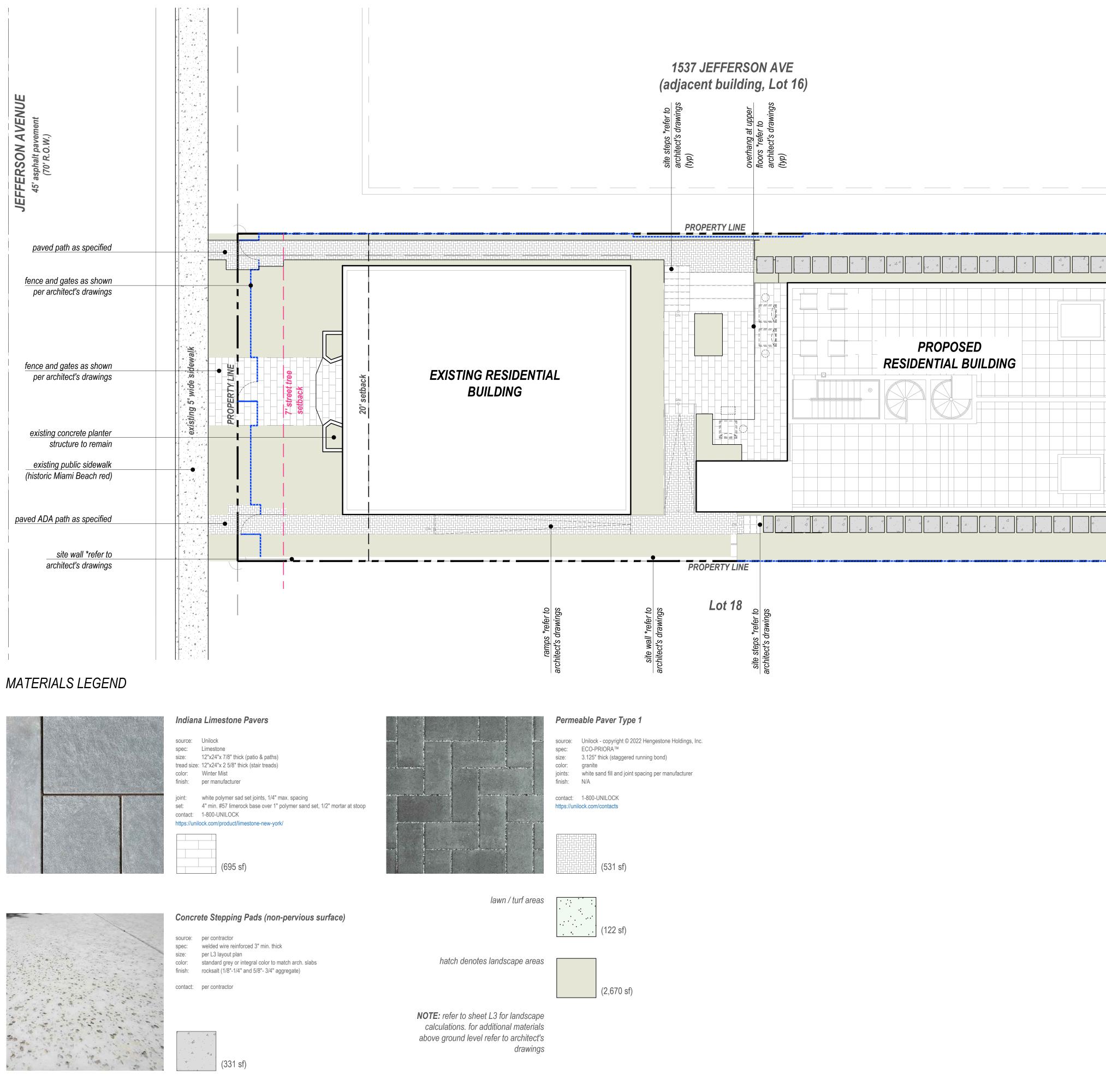
existing materials to be demolished (non-substantial materials for record)

DRAWING SCALE AND NORTH ARROW:

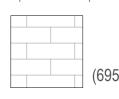
S C A L E: 1/8" = 1' - 0"

NORTH

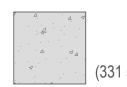














## SITE PLAN AND MATERIALS

ے ا . . . • :: • lawn / turf • • • . . . . . . •

2 Lot

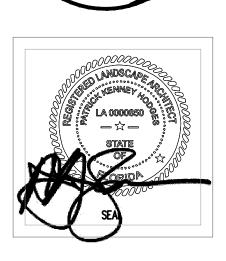
stepping pad w/ paver type 1 finish

4 Lot

> overhang at upper floors \*refer to architect's drawings (typ)

Lot 3

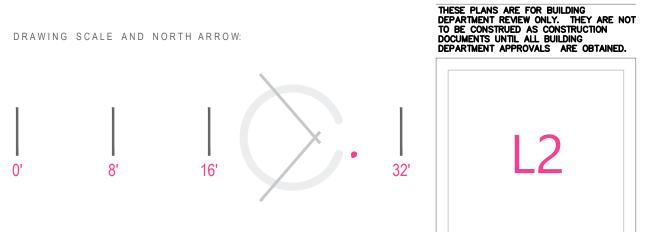




### SITE CALCULATIONS TABLE

total site total landscape area	7,500 sf 3,932 sf	52.4%
pervious landscape area	2,792 sf	71%
non-pervious surface	1,140 sf	29%

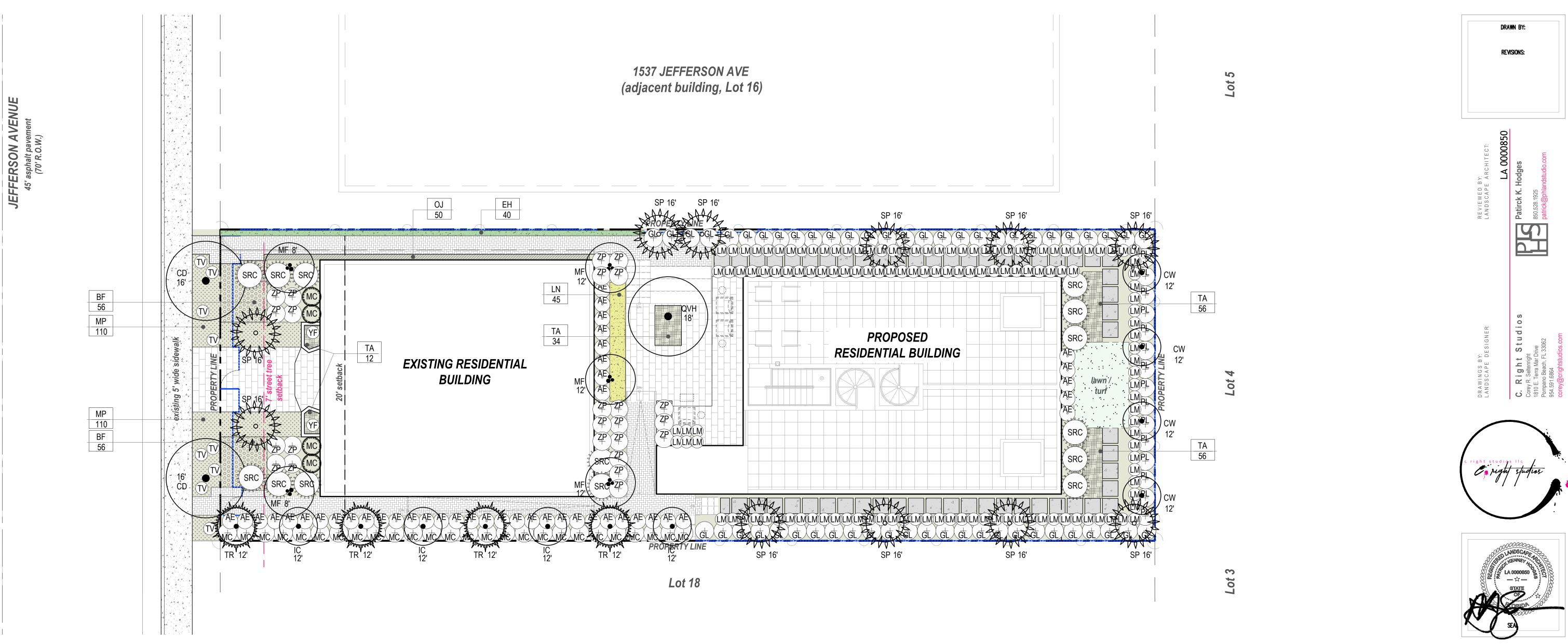
AVENUE 33139 -DING JEFFERS( BEACH, B NEW 1529 . MIAMI





S C A L E: 1/8" = 1' - 0"

NORTH



### LANDSCAPE LEGEND

#### CITY OF MIAMI BEACH

Zoning DistrictRM-1Lot Area 7,500 SFAcres .17 <b>OPEN SPACE</b> REQUIRED/A. Square feet of required Open Space as indicated on site plan: Lot Area = 7,500 S.f.x 50S.f.x 50S.f.B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces $N/A$ x 10 s.f. parking space =N/AN/AC. Total square feet of landscaped open space required: A+B=A+B= $3,750 \text{ SF}$ $3,932 \text{ SF}$ <b>LAWN AREA CALCULATION</b> B. Maximum lawn area (sod) permitted= $50$ % x $3,932$ s.f. $3,750 \text{ SF}$ $3,932 \text{ SF}$ <b>TREES</b> A. Number of trees required per lot or net lot acre, less existing number of $14 \text{ trees}$ $11 \text{ palms} = 5  tr$	
<b>OPEN SPACE</b> ALLOWEDPROVIDEDA. Square feet of required Open Space as indicated on site plan: Lot Area = $\frac{7,500}{5,6,x}$ , $\frac{50}{50}$ , $\% = \frac{3,750}{5,750}$ , $s.f.$ $3,750 \text{ SF}$ $3,932 \text{ SF}$ B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces $\frac{N/A}{x} \times 10 \text{ s.f. parking space =}$ $N/A$ $N/A$ C. Total square feet of landscaped open space required: A+B= $3,750 \text{ SF}$ $3,932 \text{ SF}$ LAWN AREA CALCULATIONA. Square feet of landscaped open space required B. Maximum lawn area (sod) permitted = $50$ $\% \times 3,932 \text{ s.f.}$ $3,750 \text{ SF}$ $3,932 \text{ SF}$ TREES14 trees	
A. Square feet of required Open Space as indicated on site plan: Lot Area = $\frac{7,500}{5,6,x}$ s.f. $\frac{3,750 \text{ SF}}{5,6,x}$ $3,750 \text{ SF}$ $\frac{3,932 \text{ SF}}{5,750,x}$ B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces $\underline{N/A} \times 10 \text{ s.f. parking space} =$ $N/A \qquad N/A$ C. Total square feet of landscaped open space required: A+B= $3,750 \text{ SF}$ $3,932 \text{ SF}$ LAWN AREA CALCULATIONA. Square feet of landscaped open space required B. Maximum lawn area (sod) permitted= $50 \qquad \% \times 3,932 \text{ s.f.}$ $3,750 \text{ SF}$ $3,932 \text{ SF}$ TREES14 trees	
B. Square feet of parking lot open space required as indicated on site plan:   Number of parking spaces N/A x 10 s.f. parking space = N/A N/A   C. Total square feet of landscaped open space required: A+B= 3,750 SF 3,932 SF   LAWN AREA CALCULATION 3,750 SF 3,932 SF   B. Maximum lawn area (sod) permitted= 50 % x 3,932 s.f. 1,966 SF 122 SF   TREES 14 trees	
Number of parking spaces	
C. Total square feet of landscaped open space required: A+B= 3,750 SF 3,932 SF   LAWN AREA CALCULATION 3,750 SF 3,932 SF   B. Maximum lawn area (sod) permitted= 50 % x 3,932 s.f. 1,966 SF 122 SF   TREES 14 trees	
LAWN AREA CALCULATION   A. Square feet of landscaped open space required   B. Maximum lawn area (sod) permitted=   50 % x   3,932 s.f.   1,966 SF   122 SF	
A. Square feet of landscaped open space required 3,750 SF 3,932 SF   B. Maximum lawn area (sod) permitted= 50 % x 3,932 s.f. 1,966 SF 122 SF   TREES   14 trees	
B. Maximum lawn area (sod) permitted= 50 % x 3,932 s.f. 1,966 SF 122 SF TREES 14 trees	
TREES 14 trees	
14 trees	
trees meeting minimum requirements=	ees
28 trees x .17 net lot acres - number of existing trees= 5 19	
B. % Natives required: Number of trees provided x 30% = <u>3</u> 19	
C. % Low maintenance / drought and salt tolerant required:	
Number of trees provided x 50%=319D. Street Trees (maximum average spacing of 20' o.c.)2 trees	
$\frac{50}{10000000000000000000000000000000000$	e
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	
SHRUBS	
A. Number of shrubs required: Sum of lot and street trees required x 12= 96 131	
B. % Native shrubs required: Number of shrubs provided x 50%= 97 131	
LARGE SHRUBS OR SMALL TREES A. Number of large shrubs or small trees required: Number of required shrubs x 10%= 10 94	
B. % Native large shrubs or small trees required: Number of large shrubs or	
small trees provided x 50%= <u>3</u> <u>94</u>	

### PLANT SCHEDULE

TREES					
QTY	SYM	Botanical Name	Common Name	Native - y/n	Specifications
2	CD	Coccoloba diversifolia	Pigeon Plum	у	100 gal, 4" min. DBH, 16' ht x 8' sp min. <i>(street trees)</i>
4	CW	Canella winterana	Wild Cinnamon	у	FG, 2" min. DBH, 12' ht min. x 6' sp min.
4	IC	llex cassine	Dahoon Holly	у	FG, 2" min. DBH, 12' ht min. x 6' sp min.
5	MF	Myrcianthes fragrans	Simpson's Stopper	Y	(3) FG, 2" min. DBH, 12' ht x 6' sp single leader florida #1 & (2) 65 gal. multi-trunk
1	QVH	Quercus virginiana 'Highrise'	High Rise Columnar Live Oak	Y	FG, 4" min. DBH, 16' ht x 8' sp min.
PALMS					
QTY	SYM	Botanical Name	Common Name		Specification
4	TR	Thrinax radiata	Florida Thatch Palm	У	4" DBH hts per plan
11	SP	Sabal palmetto	Sabal Palm	у	FG, 12" min. DBH (booted) hts per plan
SHRUB	s				
QTY	SYM	Botanical Name	Common Name		Specification
50	GL	Gymnanthes lucida	Crabwood	у	15 gal, 5'-6' ht, 24" min. spr (36" o.c. spacing max.)
30	MC	Myrica cerifera	Wax Myrtle	у	7 gal 30"x 30" full
15	PL	Psychotria ligustrifolia	Bahama Wild Coffee	у	7 gal 30"x 30" full
14	SRC	Serenoa repens 'cercus'	Silver Saw Palmetto	у	25 gal, 3'x3' full
22	ZP	Zamia pumila	Coontie	У	3 gal, 2x2
ACCEN	TS and	GRASSES			
QTY	SYM	Botanical Name	Common Name		Specifications
49	AE	Aspidistra elatior	Cast Iron Plant	n	7 gal, 24"x 24" min.
40	EH	Equisetum hyemale	Horsetail Grass	n	3 gal. 12" O.C.
4	MC	Muhlenbergia capillaris	Pink Muhly Grass	У	3 gal 18"x24" full
9	TV	Tulbaghia violacea	Society Garlic	n	1 gal 12"x12" full
2	YF	Yucca filamentosa	Color Guard Yucca	n	3 gal 18"x24" full
GROUN	IDCOV	ERS and VINES			
QTY	SYM	Botanical Name	Common Name		Specifications
112	BF	Bulbine frutescens 'orange'	Orange Bulbine	у	1 gal 12"x12" full
109	LM	Liriope muscari	Big Blue Lilyturf	n	1 gal 12"x12" full
45	LN	Lysimachia nummularia	Creeping Jenny	n	1 gal 12"x12" full
220	MP	Mimosa pudica	Sensitive Plant	n	1 gal 12"x12" full
50	OJ	Ophiopogon japonicus	Mondo Grass	n	1 gal 12"x12" full
158	TA	Trachelospermum asiaticum	Asiatic Jasmine	n	1 gal 12"x12" full

refer to sheet L4 for suggested general notes and plant imagery

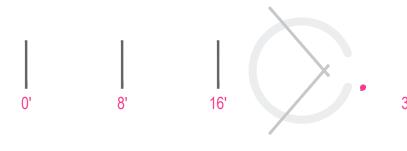
#### MITIGATION RESOLUTION NOTES:

per the mitigation requirements on sheet L1, this proposed plan provides (8) trees (quantity of tree and palms mix) at a specification of 4" DBH x 8' spread x 16' in height and palms 6" DBH x 8' spread x 16' also provided (11) trees at a specification of 2" DBH x 6' spread in canopy x 12' in height which exceeds all mitigation required for the site. No other mitigation is required. the proposed plan also covers the minimum tree and shrub requirements as noted in the local code requirements

SON AVENUE FL 33139 New Building For: 1529 JEFFERSO MIAMI BEACH, F







S C A L E: 1/8" = 1' - 0"

NORTH

### GENERAL NOTES AND REQUIREMENTS

- 1. The contractor is responsible for obtaining any permits or approvals from the federal, state or local government required for the work included in this contract and on these drawings.
- Locate all underground utilities, electrical wiring, water, sewer, telephone, cable tv, etc., prior to landscape or irrigation installation 2.
- Stake out all tree & large shrub locations for LA and owner review and approval prior to excavation or planting. Plan locations are subject to field adjustment by 3. the LA.
- 4. The contractor shall install / renovate existing irrigation system as needed to provide a complete working system and as required to ensure 100% coverage of all new planting and sodded lawn areas. See irrigation plan by the landscape architect.
- Install only plants graded florida no.1 or better as set forth in the florida department of agriculture 'grades and standards for nursery plants" second edition feb. 5. 1998 including revisions and which meet or exceed the sizes indicated in the planting schedule and details.
- 6. Plant shrubs in circular pits with a diameter 16" greater than rootball or container. Plant trees in circular pits with a diameter 36" greater than rootball or container, Place plants with best "face" forward.
- Fertilize all trees with agriform 21 gram tablets, slow-release 20-10-5 analysis with one tablet per 1/2" of trunk diameter.
- Backfill all planting pits with the following mixture ; 1/2 onsite soil, 1/2 clean friable topsoil. Submit topsoil sample and soil test analysis for approval by landscape 8. architect, (see planting details). Remove excess soil excavated from plant pit from the site or distribute on-site as directed by I.a.
- 9. Apply "diehard transplant" mycorrhizal inoculant and 100% organic starter fertilizer to each new tree planted and shrub/groundcover beds in accordance with the manufacturer's recommendations i.e. 8 oz. Per 2" caliper, 3 lbs/100 s.f. area, etc... Contact horticultural alliance, inc. Sarasota, fl. 34277 800-628-6373
- 10. Fertilize all planting beds with osmocote 14-14-14 slow-release fertilizer at the rate of 16 pounds per 1,000 square feet. Furnish receipts for material used.
- 11. Treat all planting beds with pre-emergent and post-emergent herbicides according to the manufacturer's specifications. Submit receipts for materials used. 12. Mulch planting beds to a minimum 2 1/2" compacted thickness with pine straw, free of weeds.
- 13. Sod all disturbed areas which do not have shrub or groundcover plantings indicated with solid sod laid with closely abutting joints. Fertilize after installation with a slow-release formula.
- 14. Contractor shall verify all plant quantities based on the quantities in place as indicated on the plans and provide composite unit prices for each plant including all costs for materials and installation; i.e., labor, mulch, fertilizer, watering, staking, herbicides, mowing, weeding, site preparation, etc.
- 15. Fertilize palms with palm gain 8-2-12 formula as manufactured by bgi www.bgi-usa.com per manufacturer recommended rate.
- 16. Notify the owner and landscape architect of any unforeseen conditions, i.e., compacted soil / subgrade, poor drainage, unconsolidated soil, erosion, utility conflicts, excessive sun or shade, etc., prior to proceeding with landscape installation.
- 17. Guarantee all plants for one year.
- 18. All plants, materials and workmanship are subject to the approval of the landscape architect and owner.
- 19. Do not make substitutions or revisions, any revision or modifications to the landscape plan must have prior approval by the landscape architect & owner
- 20. Maintain all planting including watering, mowing, mulching, weed, pest control, etc. Until final acceptance by the owner.

## IRRIGATION SYSTEM NOTES AND REQUIREMENTS

- 1. 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 2. and irrigation contract.
- 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.
- 4. 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 the system





PROPOSED PLANT IMAGERY











florida thatch palm



dahoon holly



ilver saw palmetto





mondo grass







horsetail grass





pink muhly grass



## PLANTING NOTES AND IMAGERY









simpson stopper









asiatic jasmine



AVENUI 3313( 1529 JEFFER MIAMI BEACH NEW





LANDSCAPE RENDERING FRONT ELEVATION





LANDSCAPE RENDERING FRONT YARD

DRAWING DATE: 05.08.2023

L5.1



LANDSCAPE RENDERING COURTYARD LOOKING SE





LANDSCAPE RENDERING COURTYARD LOOKING NE

DRAWING DATE: 05.08.2023

L5.3



LANDSCAPE RENDERING REAR COURT PATH

L5.4 DRAWING DATE: 05.08.2023



LANDSCAPE RENDERING REAR LOT VIEW





LANDSCAPE RENDERING FRONT AERIAL VIEW

DRAWING DATE: 05.08.2023

L5.6



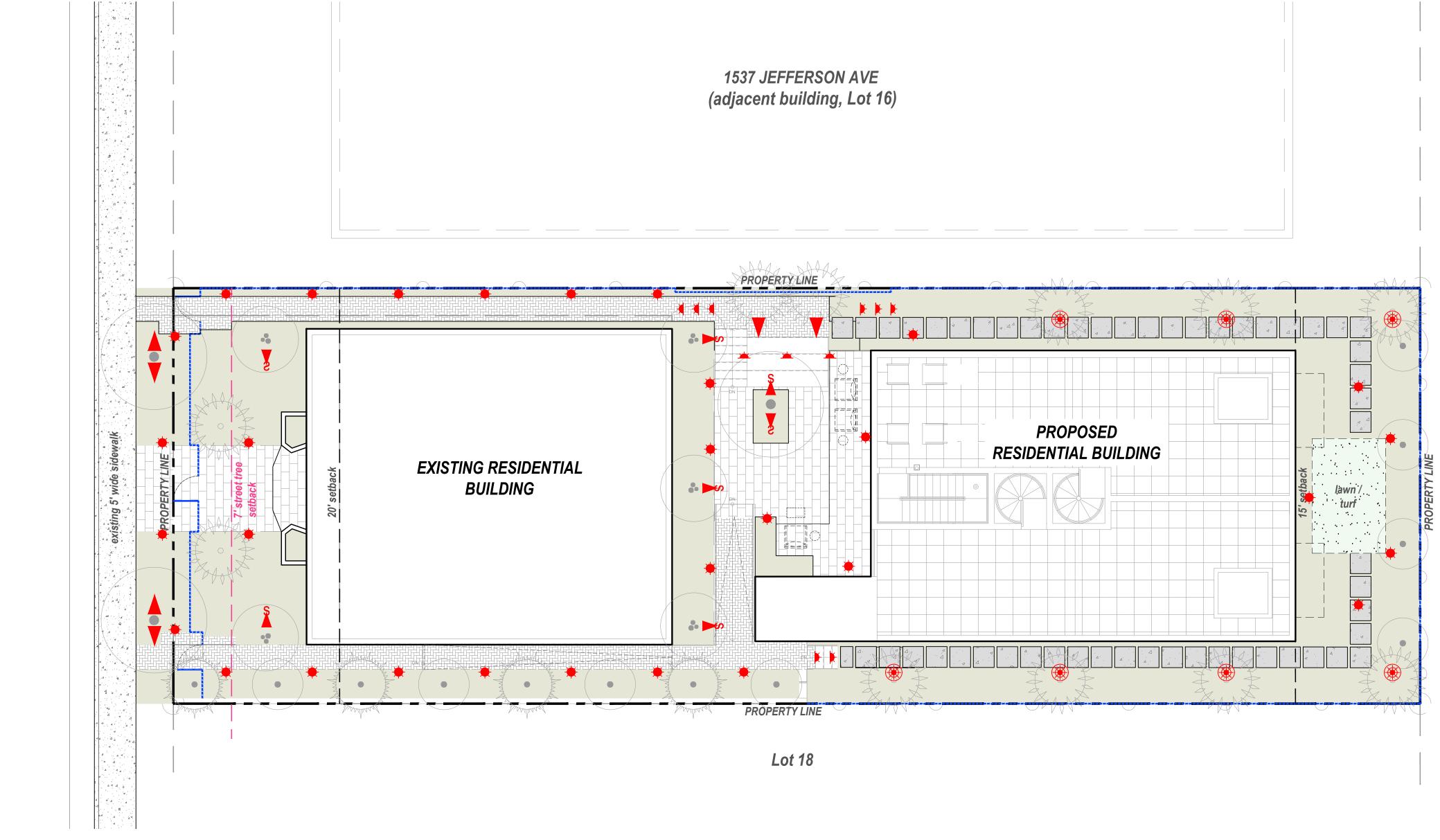
## LANDSCAPE RENDERING NORTH ELEVATION





LANDSCAPE RENDERING SOUTH ELEVATION





JEFFERSON AVENUE 45' asphalt pavement (70' R.O.W.)

### 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 regulation 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 local municipality.

all fixtures shall be made of corrosion resistant materials with stainless steel or brass finishes and shall have a minimum warranty of 5 years from installation.

all fixtures and components of the electrical system required per this lighting plan shall be provided by a certified electrical engineer with all applicable requirements met per local municipality.

## LANDSCAPE LIGHTING PLAN

Lot 4

Lot 5

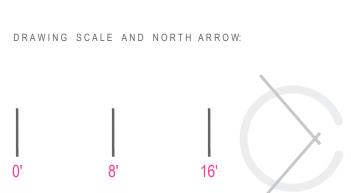
Lot 3

LIGHTING LEGEND

SYM	QTY	LIGHT TYPE
	6	accent up light
	7	small accent up light
<u>*</u>	11	step / wall light
۲	7	well spot light
*	31	path light

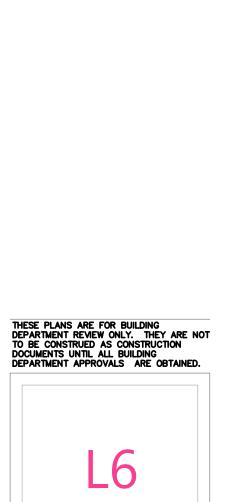
#### legend notes:

- flat side of triangle symbols indicates direction of proposed light for installation purposes
- 2. drawing sheet is provided in schematic format to show design intent only. fixture selection TBD with owner upon permit approval



S C A L E: 1/8" = 1' - 0"

NORTH



DRAWING DATE: 05.08.2023

# 0000 P REVIEWED BY: LANDSCAPE ARC жК. Pation Bation S DRAWINGS BY: LANDSCAPE DES **R i g h** y R. Seltenri 86 P 86 C C right studio

DRAWN BY:

**REVISIONS:** 

