### Zoning Legend

PROPERTY ADDRESS		1404 N. LAKE WAY				
ZONING DISTRICT		R-A ESTATE DISTRICT				
LOT AREA (SQ. FT.)		19,563 S.F.				
LOT WIDTH (W) & LOT DEPTH (D) (F	=T.)	SEE SURVEY				
STRUCTURE TYPE:		SINGLE	FAMILY HOME			
FEMA FLOOD ZONE DESIGNATION	∕\:	FLOOD	ZONE AE (EL 6)			
ZERO DATUM FOR POINT OF MEA	AS. (NAVD)	N/A	N/A			
CROWN OF ROAD (COR) (NAVD)		6.46' NA	6.46' NAVD SEE SURVEY			
	REQ'D / PERN	<b>NITTED</b>	EXISTING	PROPOSED		
LOT COVERAGE	4,891 SF 25%	7	4,719 SF 24%	4,765 SF* 24.3%		
ENCLOSED SQUARE FOOTAGE			8,805	8,805		
FRONT YARD SETBACK (FT.)	35'		35'	35'		
SIDE YARD SETBACK (NORTH) (FT.)	15'-O"		21"-4"	21"-4"		
SIDE YARD SETBACK (SOUTH) (FT.)	15'		15"	15"		
REAR YARD SETBACK (FT.)	25'		78'-2.5"	78'-2.5"		
ANGLE OF VISION (DEG.)	100		100	100		
BUILDING HEIGHT (FT.)	29'-4"		29'-4"	29'-4"		
OVERALL BUILDING HEIGHT (FT.)	29'-4"		29'-4"	29'-4"		
CUBIC CONTENT RATIO (CCR)	N/A		N/A	N/A		
(R-A ONLY)						
MAX. FILL ADDED TO SITE (FT.)	N/A		N/A	N/A		
FINISHED FLOOR ELEVATION (FFE) (NAVD)	N/A		N/A			
BASE FLOOD ELEVATION (FFE) (NAVD)	N/A		N/A	N/A		

#### Landscape Legend

	REQ'D / PERMITTED	PROPOSED	
LANDSCAPE OPEN SPACE (LOS) (SQ. FT. AND %)	50% MINIMUM 9,782 S.F.	53.34% 10,435 S.F.	
LOS TO BE ALTERED (SQ. FT. AND %)	4,890 S.F. 25%	850 S.F. 4.34%	
PERIMETER LOS (SQ. FT. AND %)	N/A	N/A	
FRONT YARD LOS (SQ. FT. AND %)	40% MIN. 2,099 S.F.	54.6% 2,286 S.F.	
NATIVE TREES %	30%	N/A	
NATIVE SHRUBS & VINES %	30%	100%	
NATIVE GROUNDCOVER %	30%	100%	

SEE OPEN SPACE CALCULATIONS PLAN FOR MORE INFORMATION

\*LOT COVERAGE WAS INCREASED BY 46 SF WITH NEW PROPOSED TRELLIS LOCATED OUTSIDE OF SETBACK

DE/IG/1					
GROUP					
139 North County Road S#20-B         Palm Beach, FI 33480           Phone 561.832.4600         Mobile 561.313.4424					
Landscape Architecture Land Planning					
Landscape Management					
Dustin M. Mizell, MLA RLA #6666784 Dustin©environmentdesigngroup.com					

Private Residence 1404 North Lake Way Palm Beach

FLORIDA

Application #: ARC-24-0143 Final Jubmittal Date of Presentation: 02.26.25

Sheet Index

Cover Sheet Jurvey L1.0 - Zoning Legend L1.0 – Existing General Site Photos L1.1 - Existing General Site Photos L2.0 – Existing Vegetation Inventory & Action Plan L3.0 - Demolition and Vegetation Action Plan L4.0 - Construction / creening Plan L5.0 – Truck Logistics Plan L6.0 – Site Plan L6.1 - Site Calculation/Lot Coverage Graphics L7.0 Front Perspective L7.0 Rendered Landscape Plan L7.1 Front Yard Perspective L7.2 Rear Yard Perspective L8.0 Details

L9.0 Details

### Design Team/Consultants

#### Landscape Architects

ENVIRONMENT DESIGN GROUP 139 NORTH COUNTY ROAD SUITE 20B PALM BEACH, FL 33480 561.832.4600 WWW.ENVIRONMENTDESIGNGROUP.COM

#### Scope of Work

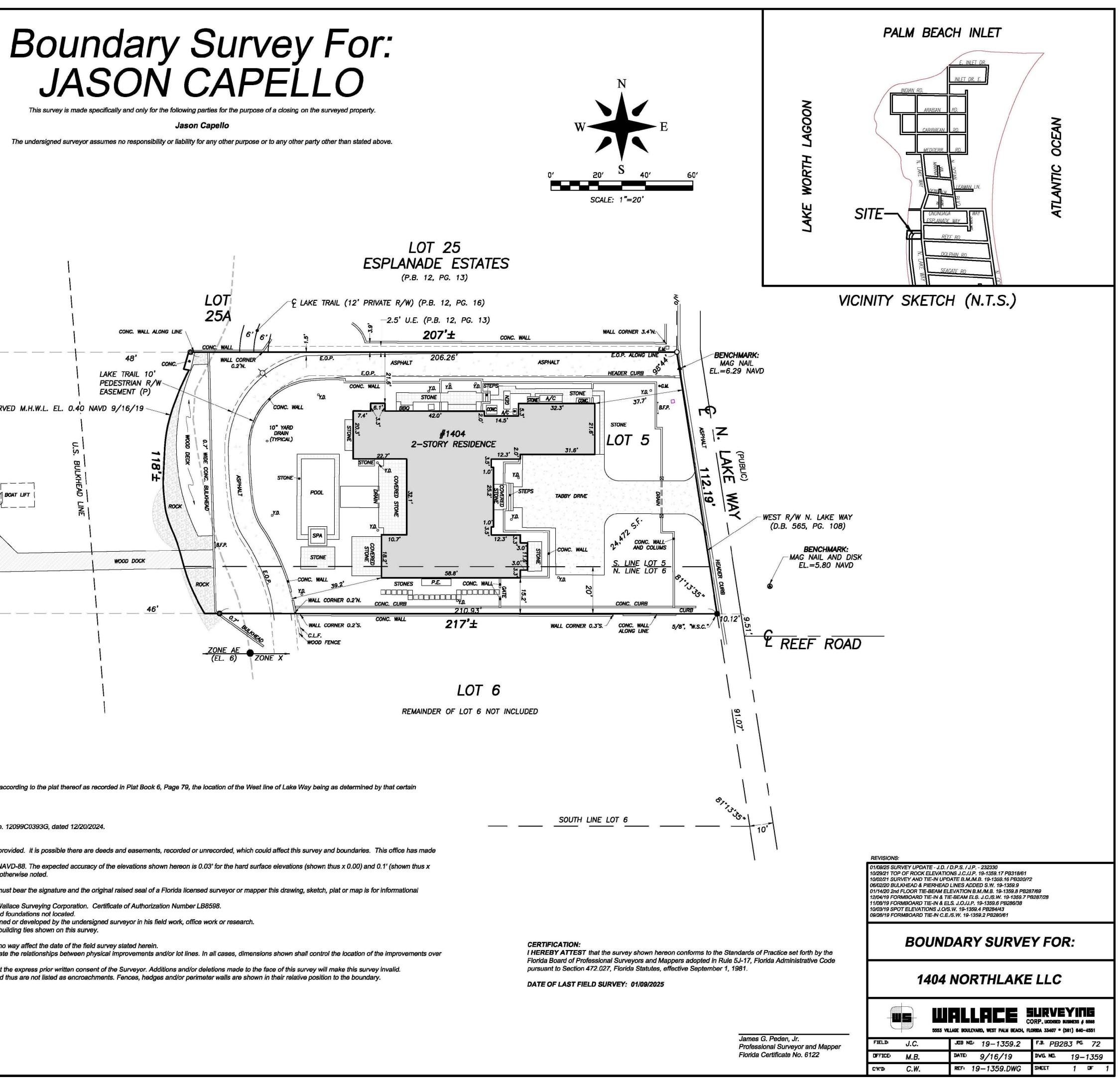
\* Demolition of existing pergola \*New pergola at rear terrace \* Demolition of pavers in rear \*New pavers and steps to match pool coping \* New minimal landscape material at front door

#### LEGEND

= LIGHT POLE

A			
A/C A.E.	= AIR CONDITIONING = ACCESS EASEMENT		
A.K.A. B.F.P.	= ALSO KNOWN AS = BACKFLOW PREVENTER		
BLDG.	= BUILDING		Thi
В.М. В.О.С.	= BENCHMARK = BACK OF CURB		
B.O.W.	= BACK OF WALK = CALCULATED		The unde
(C) CATV	= CALCULATED = CABLE ANTENNA TELEVISION		
C.B. C.B.S.	= CHORD BEARING = CONCRETE BLOCK STRUCTURE		
C.C.C.L.	= COASTAL CONSTRUCTION CONTROL LINE		
CH C.L.F.	= CHORD = CHAIN LINK FENCE		
CLR. C.M.P.	= CLEAR = CORRUGATED METAL PIPE		
CONC.	= CONCRETE		
(D) D.B.	= DESCRIPTION DATUM = DEED BOOK		
D.E.	= DRAINAGE EASEMENT		
D.H. D/W	= DRILL HOLE = DRIVEWAY		
EL. E.M.	= ELEVATION = ELECTRIC METER		
ENC.	= ENCROACHMENT	1	
E.O.P E.O.W.	= EDGE OF PAVEMENT = EDGE OF WATER		
FFE	= FINISH FLOOR ELEVATION		
FND. GEN	= FOUND = GENERATOR		
G.M. INV.	= GAS METER = INVERT	i i i i i i i i i i i i i i i i i i i	
I.T.W.C.D.	= INDIAN TRAIL WATER CONTROL DISTRICT	1 152' 152'	
L.A.E. L.B.	= LIMITED ACCESS EASEMENT = LICENSE BOARD	132	
L.W.D.D.	= LAKE WORTH DRAINAGE DISTRICT	MOORING PILE (TYP.)	
(M) M.H.	= FIELD MEASUREMENT = MANHOLE		
M.H.W.L. M.L.W.L.	= MEAN HIGH WATER LINE = MEAN LOW WATER LINE	OBSERVE	
N.A.V.D.	= NORTH AMERICAN VERTICAL DATUM		D M.11.4
	= NATIONAL GEODETIC VERTICAL DATUM D.= NORTHERN PALM BEACH COUNTY	ARE A	
	IMPROVEMENT DISTRICT	i m	
N.T.S. O.A.	= NOT TO SCALE = OVERALL	c <b>X</b>	
0.D. 0/H	= OUTSIDE DIAMETER = OVERHEAD UTILITY LINE	v.s.	
O.R.B.	= OFFICIAL RECORD BOOK	U.S. PIERHE	
0/S (P)	= OFFSET = PLAT DATUM		DAT LIFT
P.B. P.B.C.	= PLAT BOOK = PALM BEACH COUNTY	WOOD DOCK	
P.C.	= POINT OF CURVATURE	AGOON DOCK	
P.C.C. P.E.	= POINT OF COMPOUND CURVATURE = POOL EQUIPMENT		
PG.	= PAGE	ŏ	$\searrow$
P.I. P/O	= POINT OF INTERSECTION = PART OF		
Р.О.В. Р.О.С.	= POINT OF BEGINNING = POINT OF COMMENCEMENT		<u> </u>
P.R.C.	= POINT OF REVERSE CURVATURE		
P.R.M. PROP.	= PERMANENT REFERENCE MONUMENT = PROPOSED		
P.T.	= POINT OF TANGENCY		. <u> </u>
PVM'T (R)	= PAVEMENT = RADIAL		
R RGE.	= RADIUS = RANGE	26 27 28	
R.P.B.	= ROAD PLAT BOOK		
R/W (S)	= RIGHT OF WAY = SURVEY DATUM		
S.B.	= SETBACK		
SEC. S/D	= SECTION = SUBDIVISION	MOORING PILE (TYP.)	
S.F. S.F.W.M.D	= SQUARE FEET . = SOUTH FLORIDA WATER		
	MANAGEMENT DISTRICT	1	
3.I.R.W.C.	D= SOUTH INDIAN RIVER WATER CONTROL DISTRICT		
S.R. STA.	= STATE ROAD = STATION	PROPERTY ADDRESS:	
STY.	= STORY	1404 N Lake Way Paim Beach, FL 33480	
ТН Т.О.В.	= THRESHOLD ELEVATION = TOP OF BANK		
T.O.C. TWP.	= TOP OF CURB = TOWNSHIP	LEGAL DESCRIPTION: All that part of Lot 5 and North 20 feet of Lot 6, EDEN VILLA, that lies West line of Lake Way, acc	ording to :
TYP.	= TYPICAL	deed recorded in Deed Book 565, Page 108, Public Records of Palm Beach County, Florida.	9. <del></del>
U/C U.E.	= UNDER CONSTRUCTION = UTILITY EASEMENT		
U.R.	= UNRECORDED	FLOOD ZONE: This property is located in Flood Zone X, according to F.I.R.M. (Flood Insurance Rate Map) No. 12	2099C03
W.C. W.M.E.	= WITNESS CORNER = WATER MANAGEMENT EASEMENT	NOTES:	
W.M.M.E.	= WATER MANAGEMENT MAINTENANCE EASEMENT	1. No title policy or commitment affecting title or boundary to the subject property has been prov	vided. It is
W.M.T. Y.D.	= WATER MANAGEMENT TRACT = YARD DRAIN	no search of the Public Records. 2. Elevations shown hereon, if any, are in feet and decimal parts thereof and are based on NAV	<b>D-88</b> . Thi
Ę	= CENTERLINE = CENTRAL ANGLE/DELTA	0.0) for the soft surface elevations. Elevations shown hereon are U.S. survey feet unless other	
	= CONCRETE MONUMENT FOUND (AS NOTED)	<ol> <li>Description furnished by client or client's agent.</li> <li>Unless presented in digital form with electronic seal and electronic signature this survey must</li> </ol>	t bear the
•	= CONCRETE MONUMENT SET (LB #4569) = ROD & CAP FOUND (AS NOTED)	purposes only and is not valid. 5. This survey cannot be transferred or assigned without the specific written permission of Walla	
Ō	= 5/8" ROD & CAP SET (LB #4569)	6. Except as shown, underground and overhead improvements are not located. Underground fo	oundations
0	= IRON PIPE FOUND (AS NOTED) = IRON ROD FOUND (AS NOTED)	<ol> <li>The survey sketch shown hereon does not necessarily contain all of the information obtained</li> <li>No responsibility is assumed by this surveyor for the construction of improvements, from build</li> </ol>	
Ă	= NAIL FOUND	<ol> <li>Revisions shown hereon do not represent a "survey update" unless otherwise noted.</li> <li>All dates shown within the revisions block hereon are for interoffice filing use only and in no w</li> </ol>	8 <del></del>
•	= NAIL & DISK FOUND (AS NOTED) = MAG NAIL & DISK SET (LB #4569)	11. In some instances, graphic representations have been exaggerated to more clearly illustrate it	
R	= PROPERTY LINE	scaled positions. 12. It is a violation of Rule 5J-17 of the Florida Administrative Code to alter this survey without the	e express
ДØ Q	= UTILITY POLE = FIRE HYDRANT	<ol> <li>The ownership of fences, perimeter walls and/or hedges shown hereon are not known and th</li> <li>The expected horizontal accuracy of the information shown hereon is +/- 0.10'.</li> </ol>	and the man substances
⊞	= WATER METER	$\tau$ . The expected nonzonial accuracy of the information shown hereon is $\tau$ - 0.10.	
ম ত	= WATER VALVE = LIGHT POLE		

The undersigned surveyor assumes no responsibility or liability for any other purpose or to any other party other than stated above.

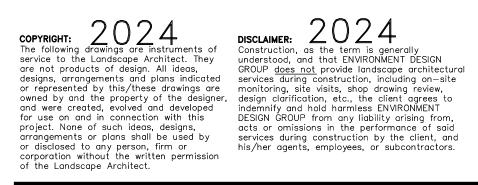




#### Existing Front Entry



#### Existing Rear Yard







### Existing Front Side Yard

Existing Rear Terrace







Existing Rear Facade

Existing Trellis

DE/IG/I ROUP 
 139 North County
 Road
 \$#20-B
 Palm
 Beach,
 FI
 33480

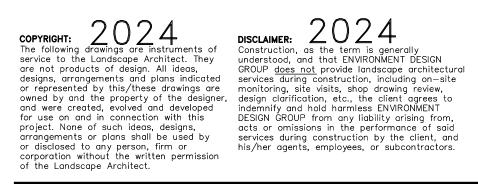
 Phone
 561.832.4600
 Mobile
 561.313.4424
 Landscape Architecture Land Planning Landscape Management Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com  $\triangleleft$  $\square$ аy  $\mathcal{O}$ Δ  $\mathcal{O}$ Zesider  $\nabla$ Zalm D  $\square$ 4  $\bigcirc$ 2 Ш JOB NUMBER: # 24123.00 LA DRAWN BY: Matt Jackman DATE: 01.20.2025 ∕HEET L1.0 Existing Site Photos



#### Existing Front Entry



### Existing Rear Yard (From Dock)









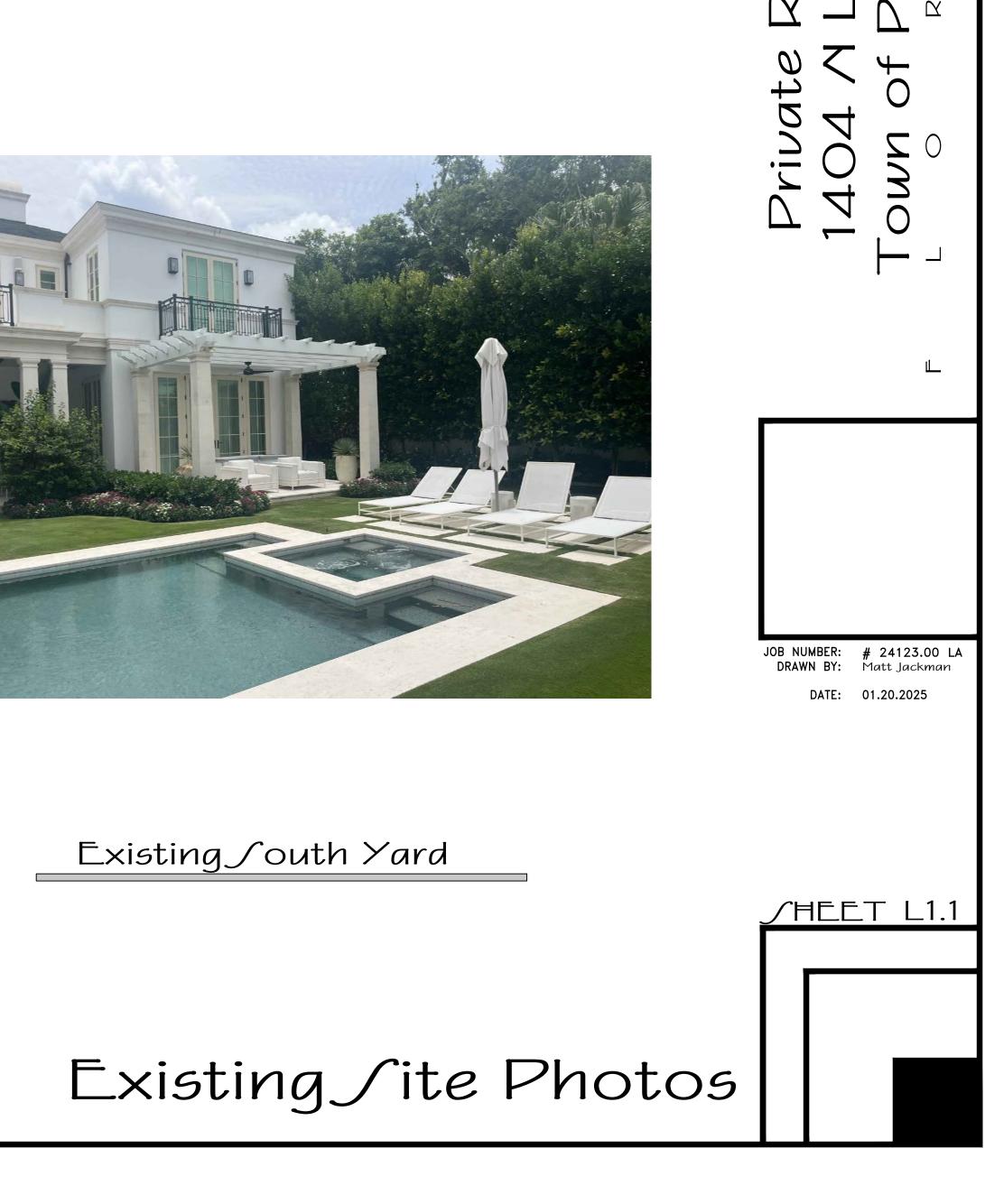
Existing Rear Terrace

### Existing Rear Yard (North View)



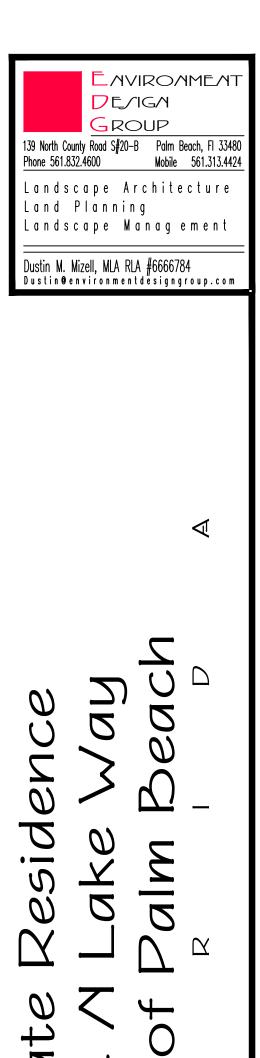


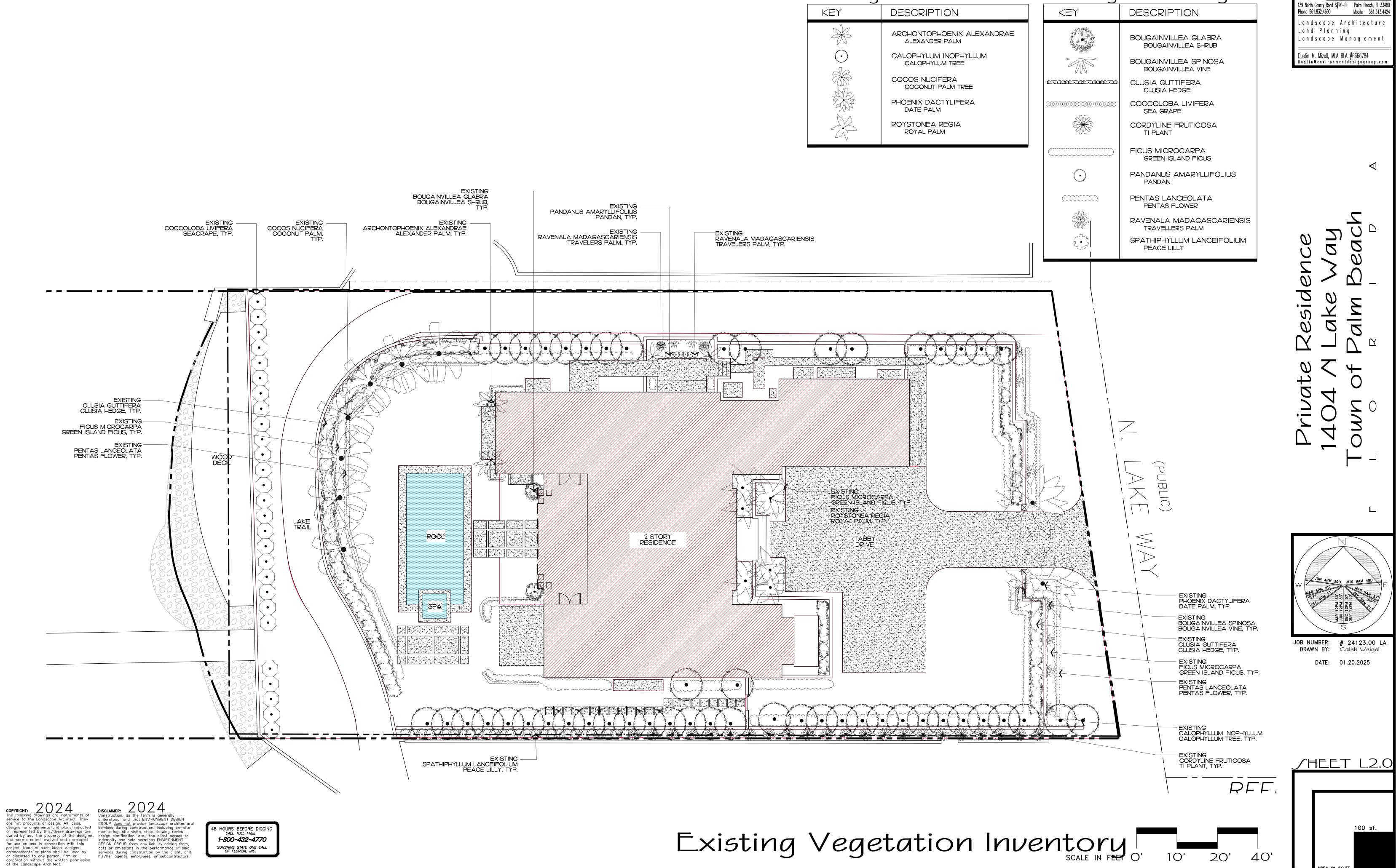






### Existing Rear Yard (Lake Trail)





Existing	Trees
KEY	DESCRIPTION
	ARCHONTOPHOENIX ALEXA ALEXANDER PALM
$\bigcirc$	CALOPHYLUM INOPHYLLUM CALOPHYLUM TREE
	COCOS NUCIFERA COCONUT PALM TREE
	PHOENIX DACTYLIFERA DATE PALM
	ROYSTONEA REGIA ROYAL PALM

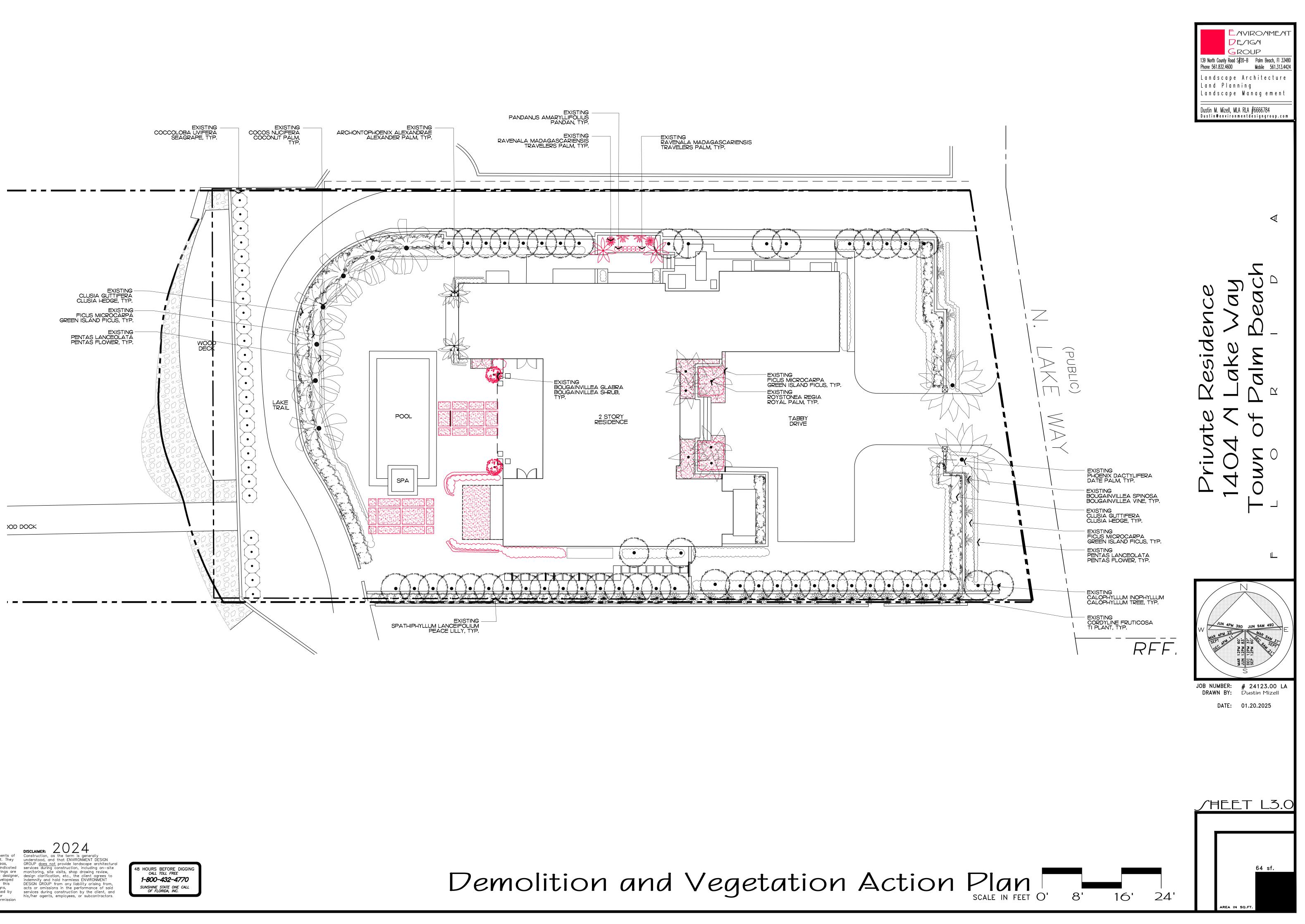
KEY	Understory DESCRIPTION		
	BOUGAINVILLEA GLABRA BOUGAINVILLEA SHRUB		
	BOUGAINVILLEA SPINOSA BOUGAINVILLEA VINE		
<u>ESUKANESUNASSUNAGNESUNA</u>	CLUSIA GUTTIFERA CLUSIA HEDGE		
	COCCOLOBA LIVIFERA SEA GRAPE		
	CORDYLINE FRUTICOSA TI PLANT		
	FICUS MICROCARPA GREEN ISLAND FICUS		
$\bigcirc$	PANDANUS AMARYLLIFOLIUS Pandan		
	PENTAS LANCEOLATA PENTAS FLOWER		
	RAVENALA MADAGASCARIENSIS TRAVELLERS PALM		
	SPATHIPHYLLUM LANCEIFOLIUM PEACE LILLY		

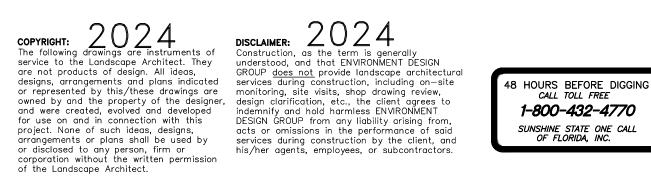
20' 40'

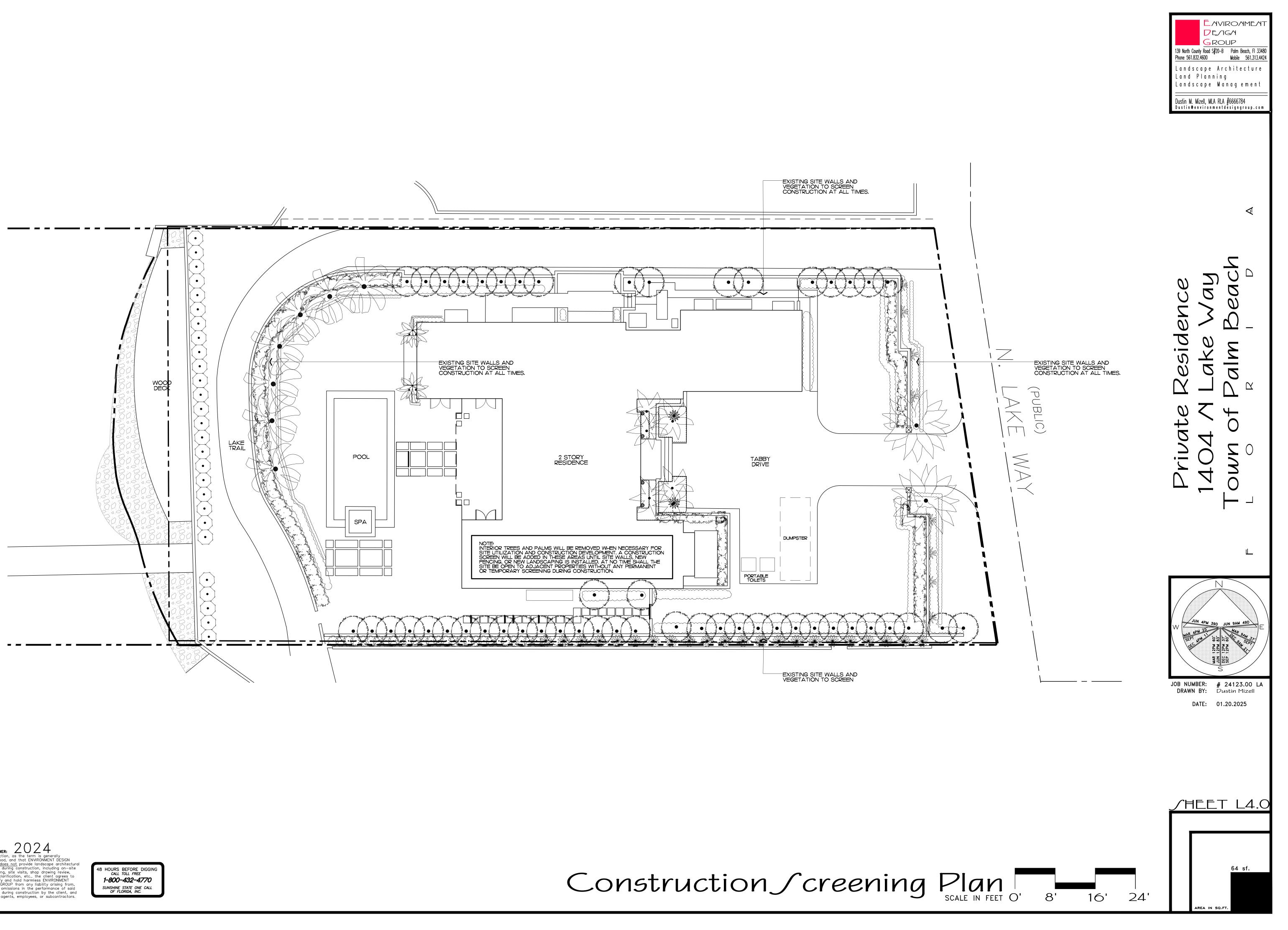
AREA IN SQ.FT.

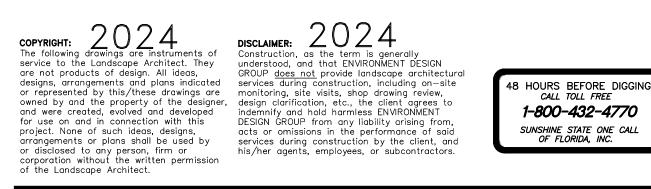
ENVIRONMEN

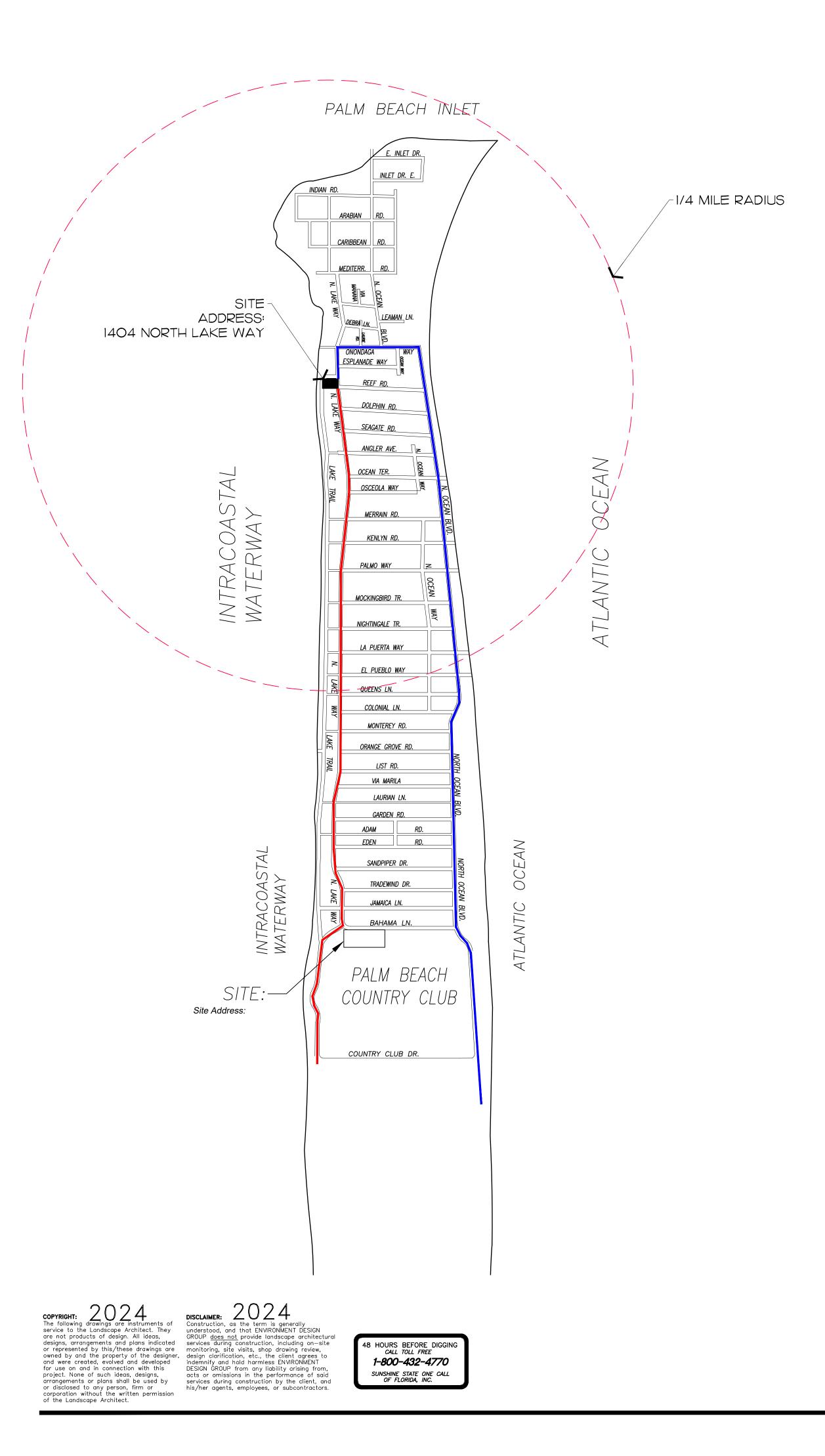
**₽**Ę∕IG⁄I GROUP













SCHEDULE:

MONTH 1: DEMOLITION AND CLEANUP (3 - 5 DAYS)

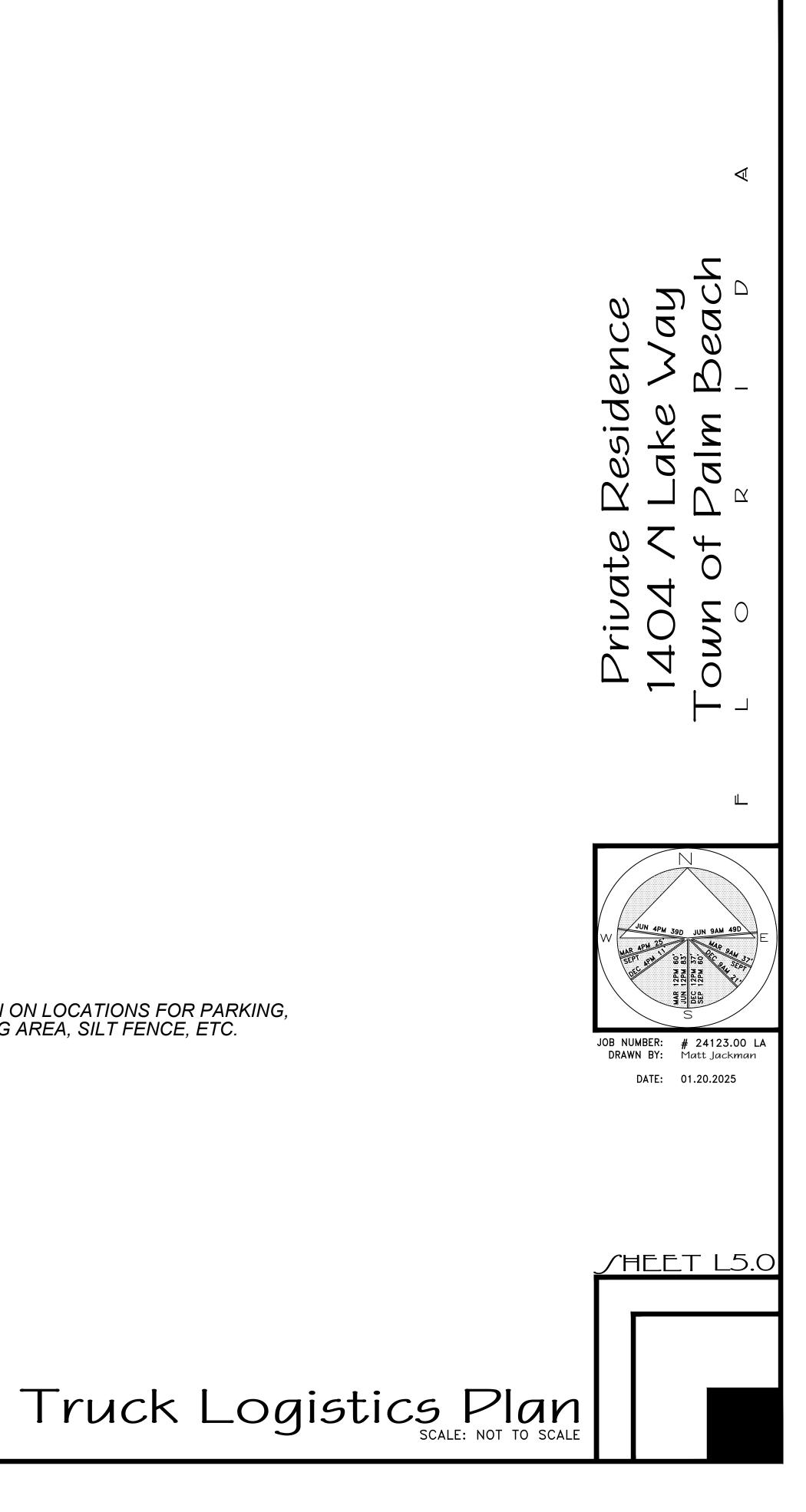
LARGEST TRUCK -> 10-15 DUMP TRUCKS FOR DEBRIS REMOVAL TRAILER FOR EXCAVATOR / DEMOLITION LANDSCAPE TRUCKS -> SOD IRRIGATION

NOTE: SEE SEPARATE "CONSTRUCTION STAGING PLAN" SHEET FOR INFORMATION ON LOCATIONS FOR PARKING, MATERIAL STORAGE, DELIVERIES, DUMPSTER, PORTABLE TOILETS, TIRE CLEANING AREA, SILT FENCE, ETC.

PROPOSED INGRESS TRUCK ROUTE



PROPOSED EGRESS TRUCK ROUTE



ENVIRONMENT

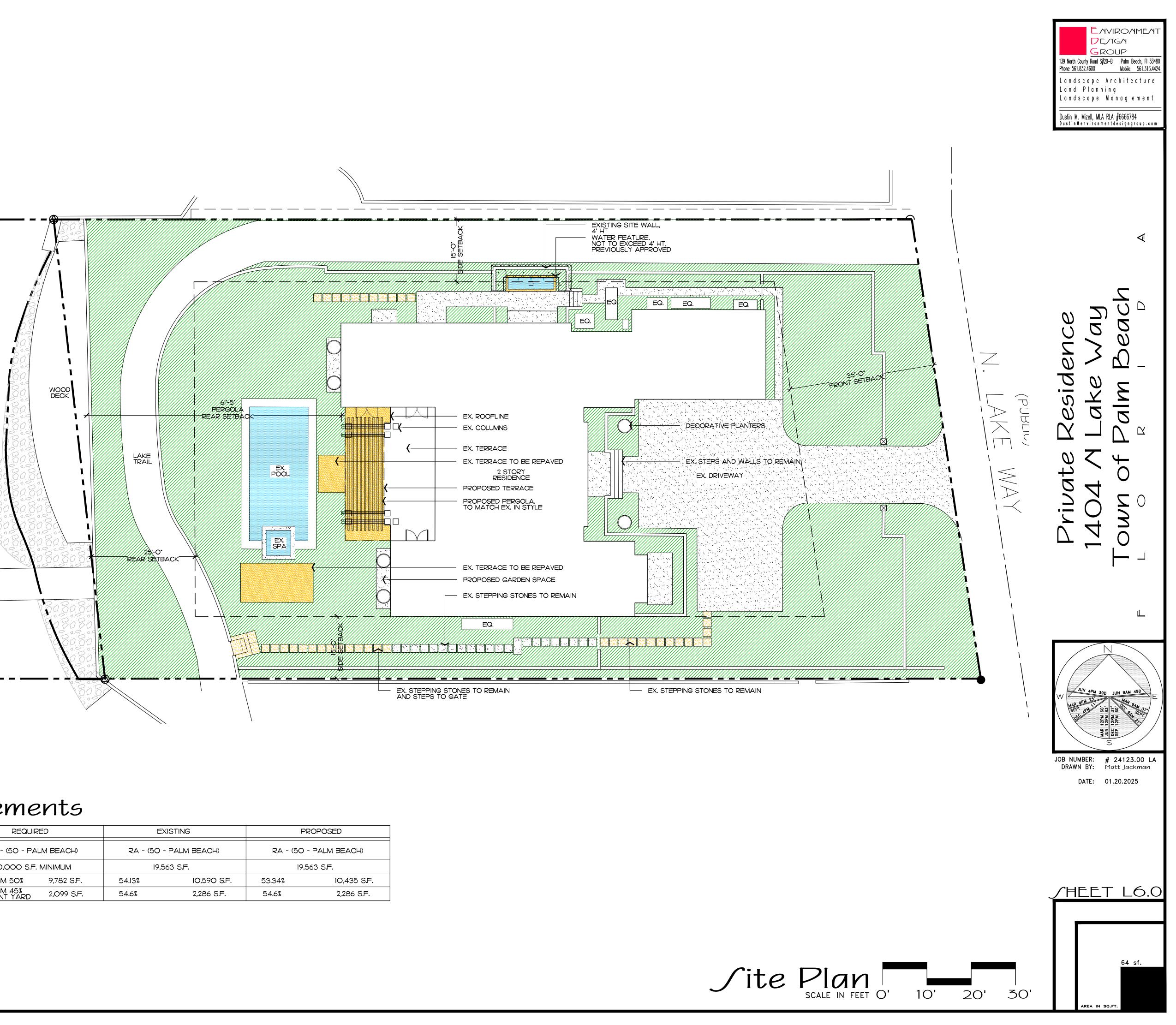
DE/IGA

139 North County Road S#20-B Palm Beach, Fl 33480 Phone 561.832.4600 Mobile 561.313.4424

Landscape Architecture Land Planning

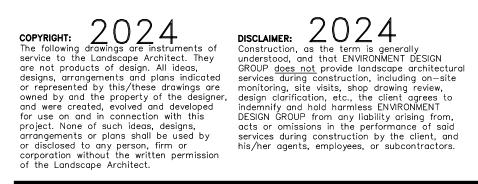
Landscape Management

Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com



# Site Requirements

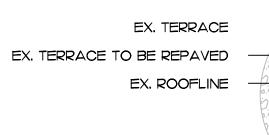
DESCRIPTION	REQUIRED		EXISTING		PROPOSED	
LOT ZONE	RA - (50 - PALM BEACH)		RA - (50 - PALM BEACH)		RA - (50 - PALM BEACH)	
LOT AREA	20,000 S.F. MINIMUM		19,563 S.F.		19,563 S.F.	
OPEN / PERMEABLE SPACE	MINIMUM 50%	9,782 S.F.	54.13%	10,590 S.F.	53.34%	10,435 S.F.
FRONT YARD LANDSCAPE	MINIMUM 45% OF FRONT YARD	2,099 S.F.	54.6%	2,286 S.F.	54.6%	2,286 S.F.







EX. COLUMNS



EX. PERGOLA TO BE REMOVED

EX. TERRACE TO BE REPAVED

## Site Requirements

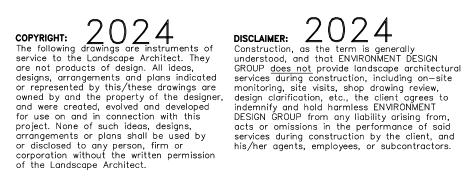
DESCRIPTION	REQUIRED		EXISTING		PROPOSED	
LOT ZONE	RA - (50 - PALM BEACH)		RA - (50 - PALM BEACH)		RA - (50 - PALM BEACH)	
LOT AREA	20,000 S.F. MINIMUM		19,563 S.F.		19,563 S.F.	
OPEN / PERMEABLE SPACE	MINIMUM 50%	9,782 S.F.	54.13%	10,590 S.F.	53.34%	10,435 S.F.
FRONT YARD LANDSCAPE	MINIMUM 45% OF FRONT YARD	2,099 S.F.	54.6%	2,286 S.F.	54.6%	2,286 S.F.

EX. COLUMNS EX. ROOFLINE EX. TERRACE

EX. TERRACE TO BE REPAVED PROPOSED TERRACE

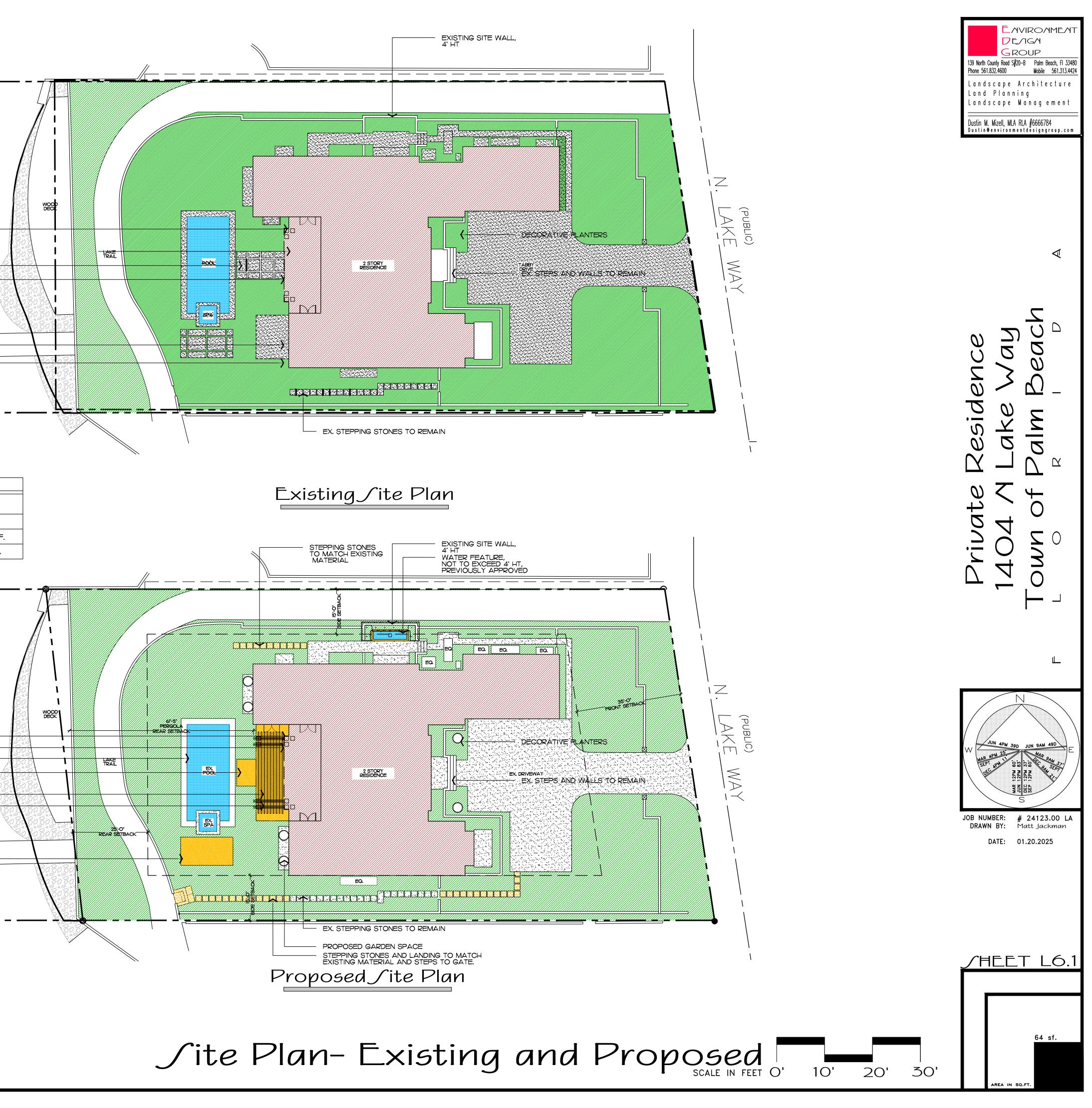
PROPOSED PERGOLA, TO MATCH EX. IN STYLE

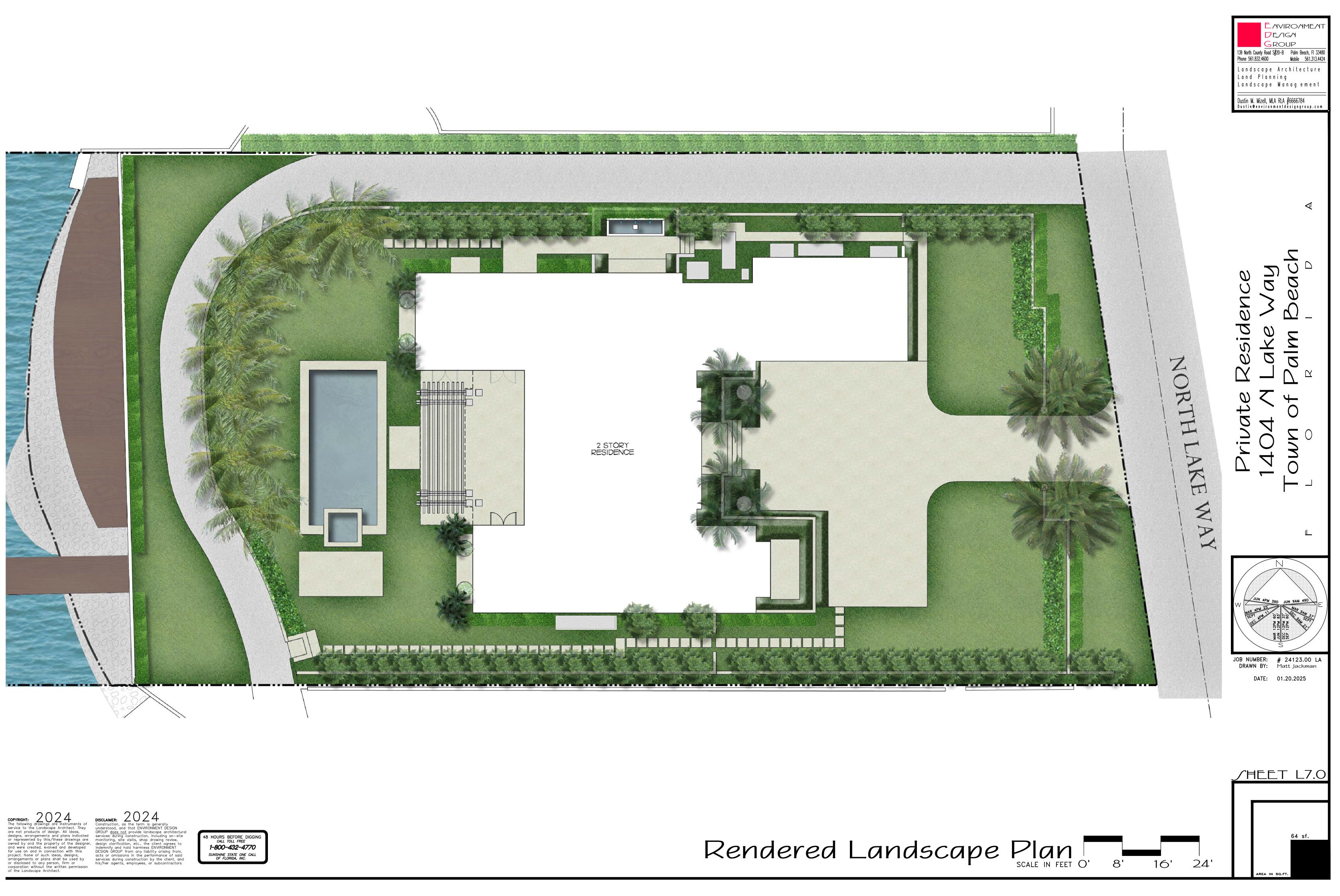
EX. TERRACE TO BE REPAVED











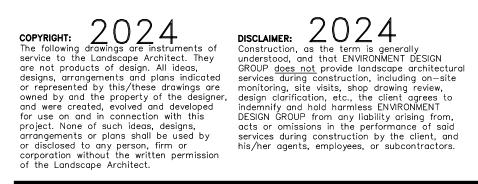








# Front Entry View











AVIROAMEA

**D**E/IG/I ROUP



ANGEL WING BEGONIA

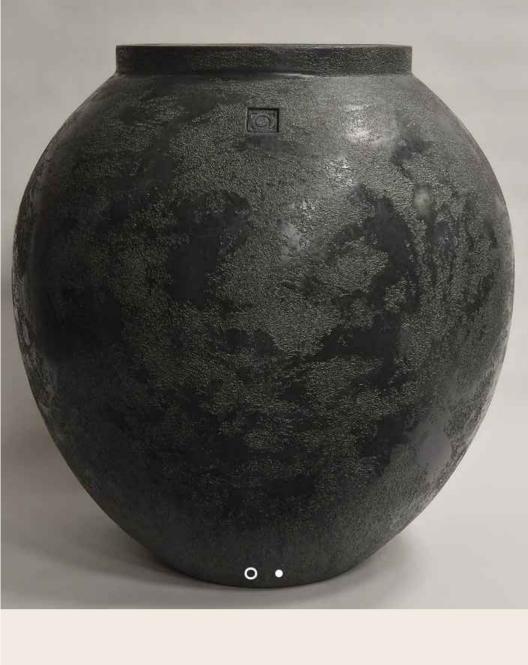


GLAZED POTS

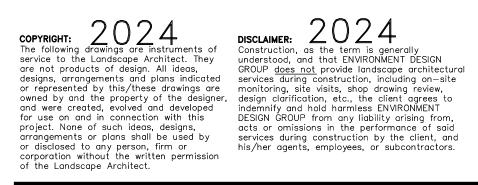


WHITE BEGONIA LAYER BEHIND EXISTING GREEN ISLAND FICUS LAYER

JASMINE VINES ON BUILDING FACE





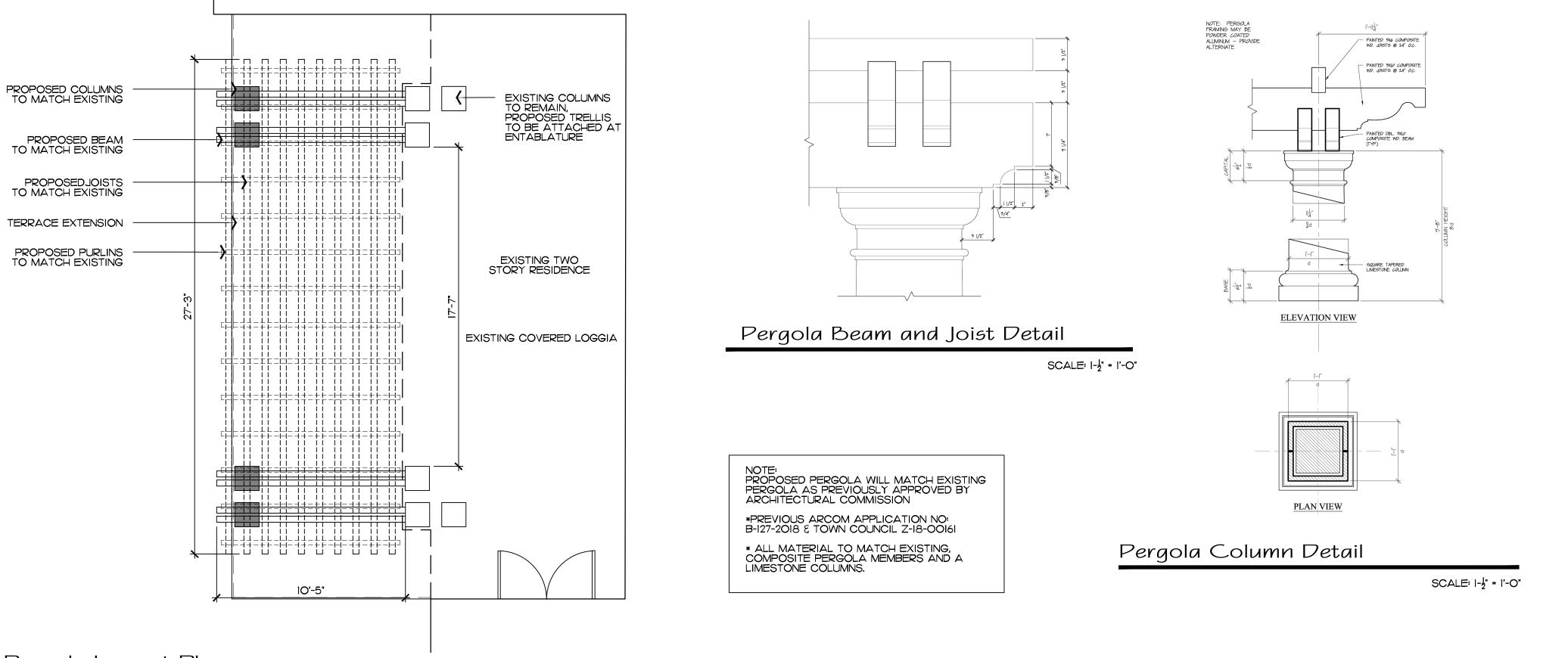








ENVIRONMEN DE/IG/I GROUP 139 North County Road S#20-B Palm Beach, Fl 33480 Phone 561.832.4600 Mobile 561.313.4424 Landscape Architecture Land Planning Landscape Management Dustin M. Mizell, MLA RLA #6666784 Dustin@environmentdesigngroup.com  $\triangleleft$ <u>c</u>2  $\square$ ay  $\mathcal{O}$ Δ  $\mathbf{O}$  $\mathcal{O}$ sider Ц)  $\mathcal{O}$ 2 ש Δ Ø  $\mathbb{N}$  $\land$  $\mathbf{\Sigma}$  $\mathcal{O}$ 4  $\bigcirc$ 0 Z N  $\bigcirc$  $\overline{}$ **\_\_\_\_** Ш JOB NUMBER: # 24123.00 LA DRAWN BY: Caleb Weigel DATE: 01.20.2025 ∕HEET L7.2 64 sf. Rear Garden AREA IN SQ.FT.

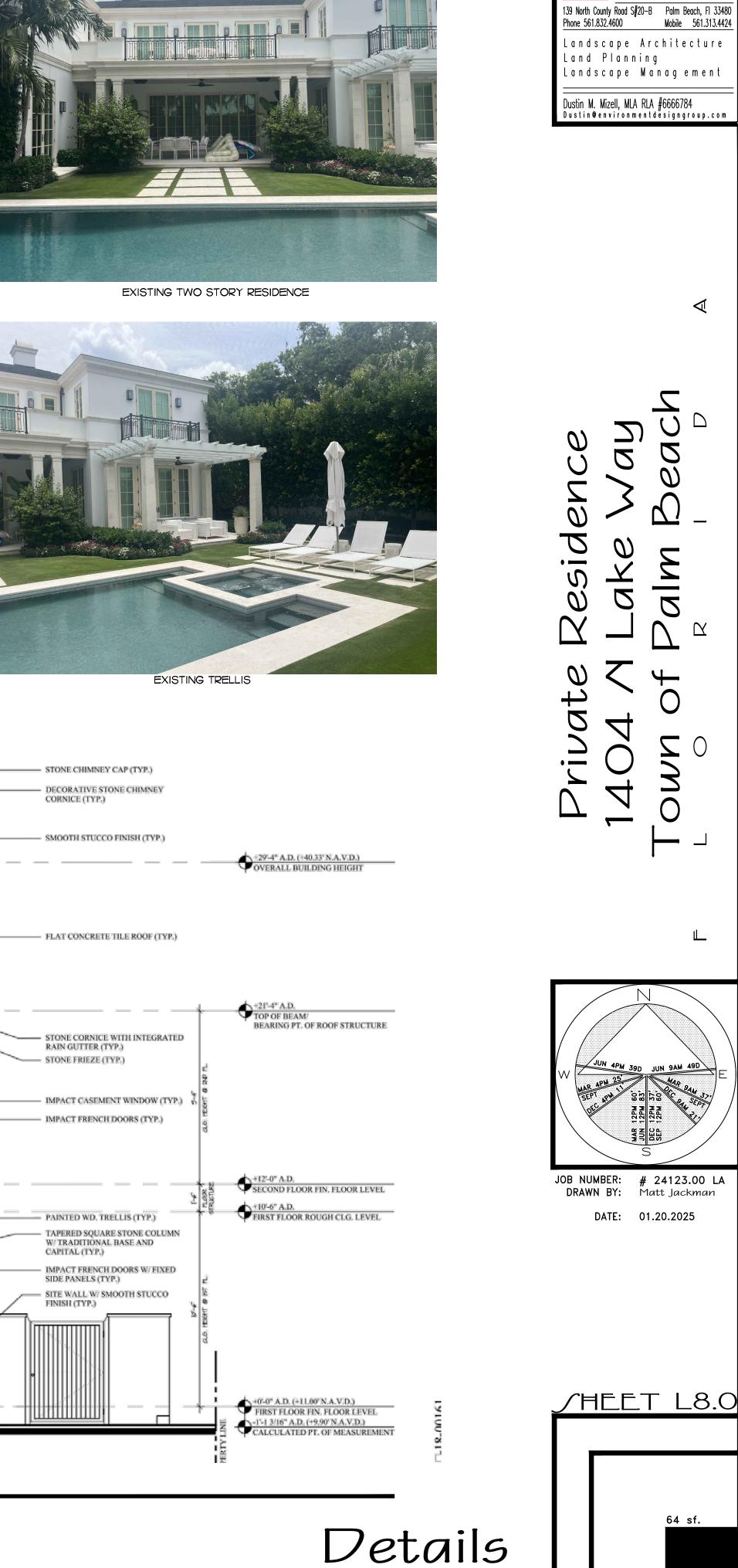


Pergola Layout Plan

COPYRIGHT:

SCALE: 1/4"" = 1'-0"





<u>c</u>2  $\square$ Δ  $\mathcal{O}$  $\nabla$ ·-----2 ------Δ  $\land$  $\mathbf{\Sigma}$ 4  $\bigcap$  $\boldsymbol{\Sigma}$ Z 

64 sf.

AREA IN SQ.FT.

**D**E/IG/I

 $\triangleleft$ 









