

ARCHITECT

PETER PAPADOPOULOS
SMITH AND MOORE ARCHITECTS, INC
1500 SOUTH OLIVE AVENUE
WEST PALM BEACH, FLORIDA 33401
(561) 835-1888

LANDSCAPE ARCHITECT

KEITH WILLIAMS
NIEVERA WILLIAMS DESIGN
223 SUNSET AVENUE, SUITE #150
PALM BEACH, FLORIDA 33480
(561) 659-2820

CIVIL ENGINEER

CHAD GRUBER
GRUBER CONSULTING ENGINEERS
247 MERCER AVENUE
WEST PALM BEACH, FLORIDA 33401
(561) 312-2041

SURVEYING

CRAIG WALLACE
WALLACE SURVEYING CORP.
5553 VILLAGE BOULEVARD
WEST PALM BEACH, FLORIDA 33407
(561) 640-4551



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •
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FLORIDA AAC
NO. 001285

HAROLD J. SMITH
REGISTERED ARCHITECT 8742
JONATHAN C. MOORE
REGISTERED ARCHITECT 13541

PETER G. PAPADOPOULOS
REGISTERED ARCHITECT 92952

DANIEL KAHAN
REGISTERED ARCHITECT 94757

PRE-APP SUBMITTAL 2024-11-04
FIRST SUBMITTAL 2024-11-26
SECOND SUBMITTAL 2024-12-16
FINAL SUBMITTAL 2025-01-09

NO: -
DWG. BY: PGP/VMT
SHEET:

A-0

#ARC-24-0114

#ZON-24-0092

FINAL SUBMITTAL - 01/10/2024

ARCOM HEARING DATE 01/29/2025

1010 N LAKE WAY, PALM BEACH, FLORIDA

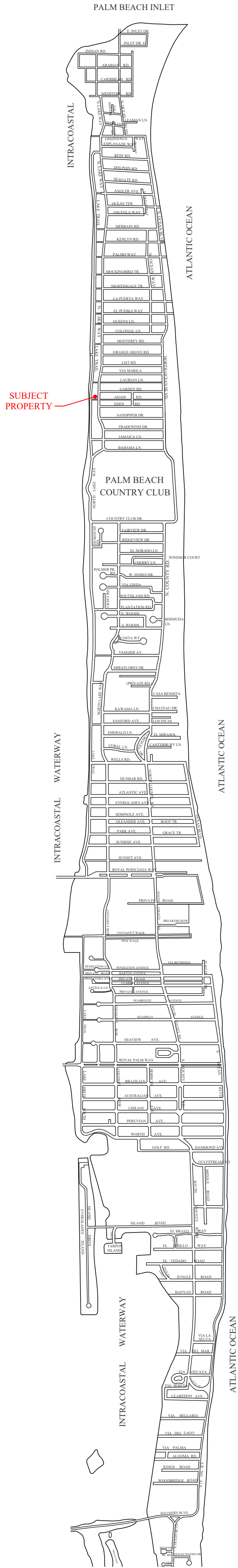
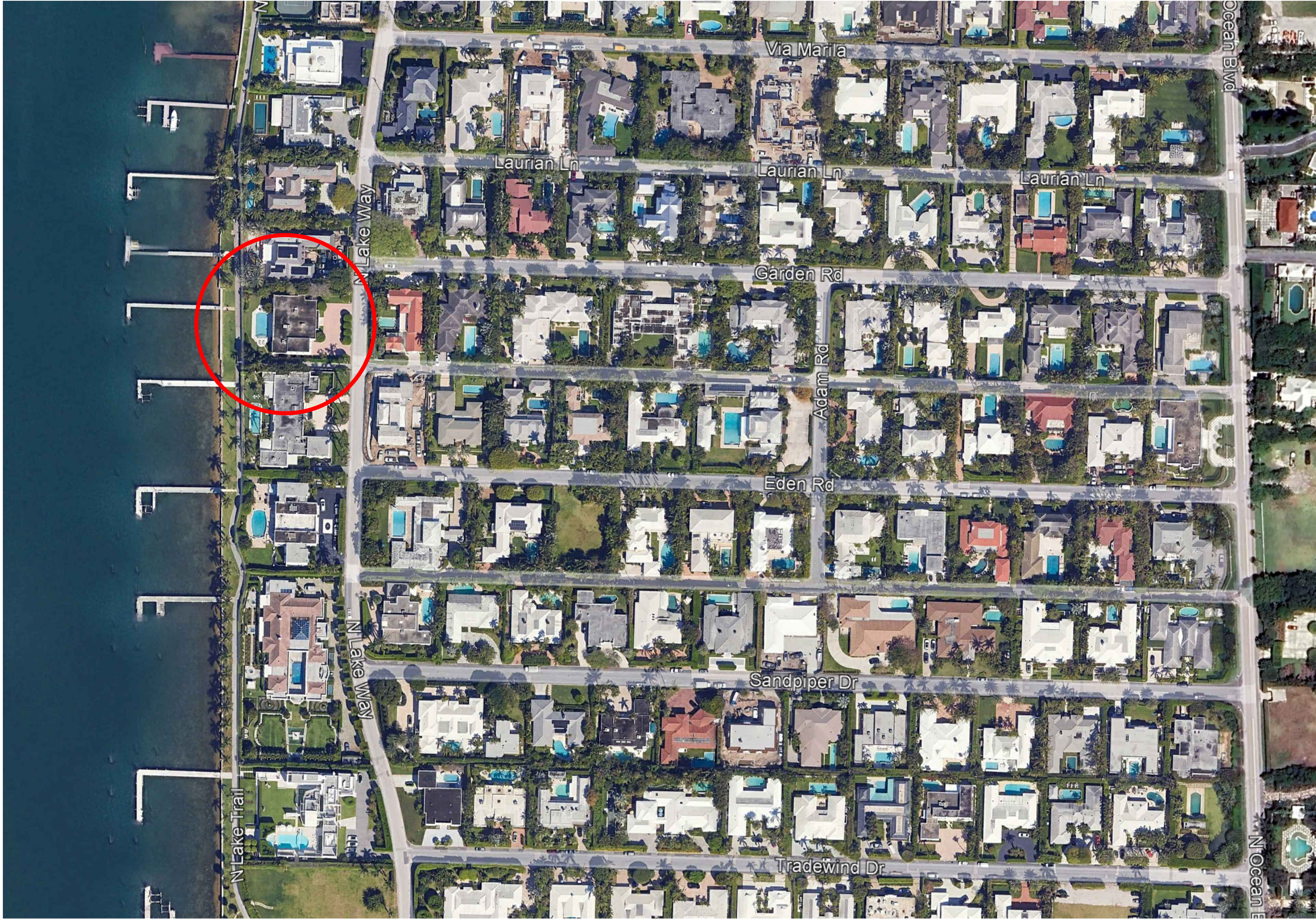
SCOPE OF WORK:

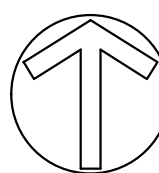
Renovation of a 1976 Ames Bennett designed, Robert Gottfried developed, ‘partial 2-story’, Regency styled, single family home.
The existing structure (+5.80’ navd) is below current and projected new FEMA flood elevation.

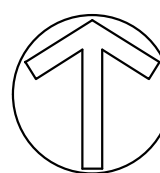
Proposing:

- Raise/ lift the entire house by 1’-6” (+7.30’ navd)
- Move the entire house 3’-0” to the East

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 VICINITY LOCATION MAP
SCALE: NTS

 ISLAND MAP
SCALE: NTS



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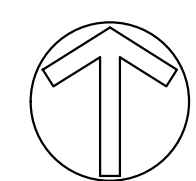
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SHEET:

SV-1

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1010 N LAKE WAY - AERIAL VIEW

SCALE: NTS

S.M

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SV-1a

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JONATHAN C. MOG

REGISTERED ARCHITECT

PETER G. FARADOTU
REGISTERED ARCHITECT

DANIEL KAHAN
REGISTERED ARCHITECT

PRE-APP SUBMITTAL 202

FIRST SUBMITTAL 202

1

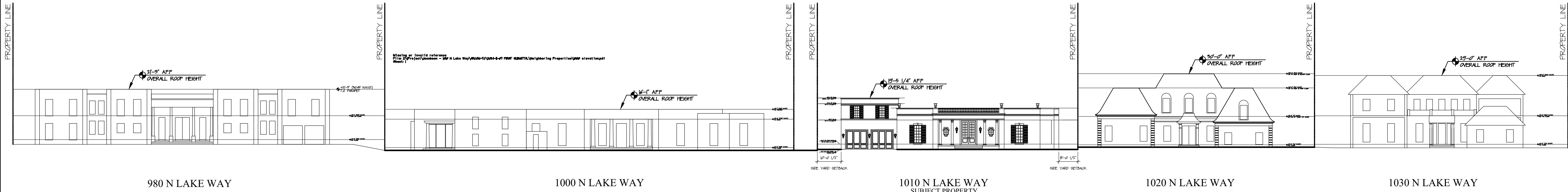
NO: -
DWG: DY: BCB/A

SHEET:

SV-2

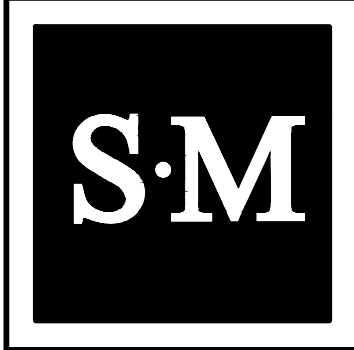
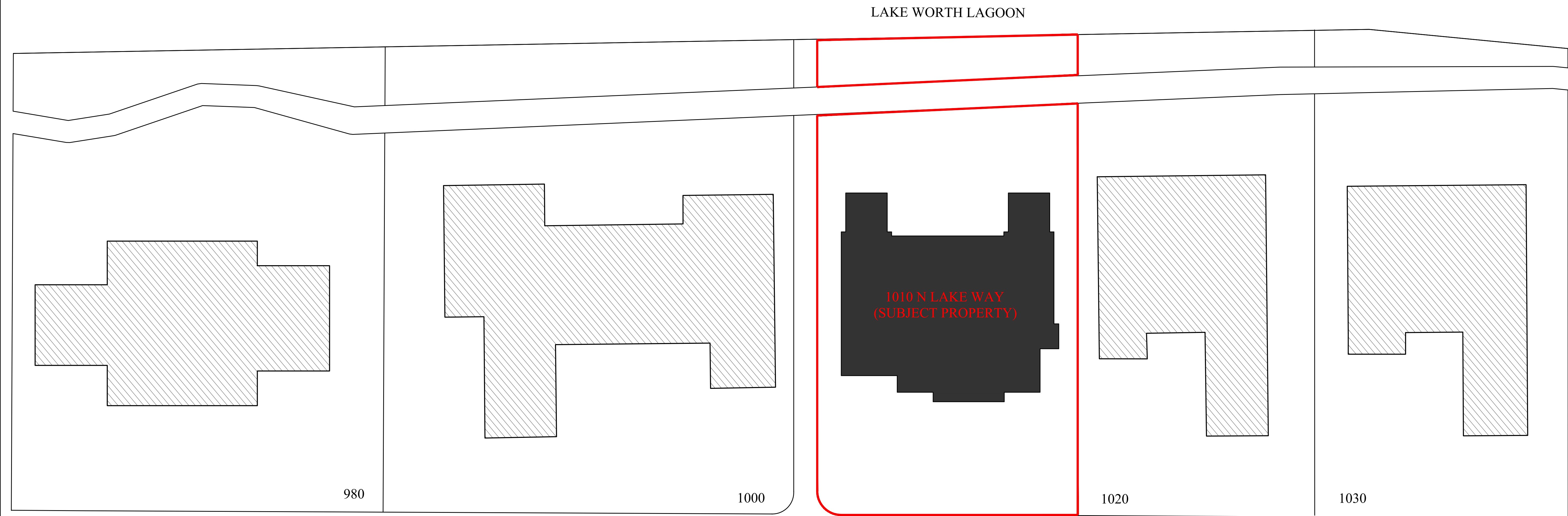


ARCOM # ARC - 24 - 0114



STREETSCAPE ELEVATION - LOOKING WEST

SCALE: NTS



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SV-3

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EAST SIDE OF PROPERTY



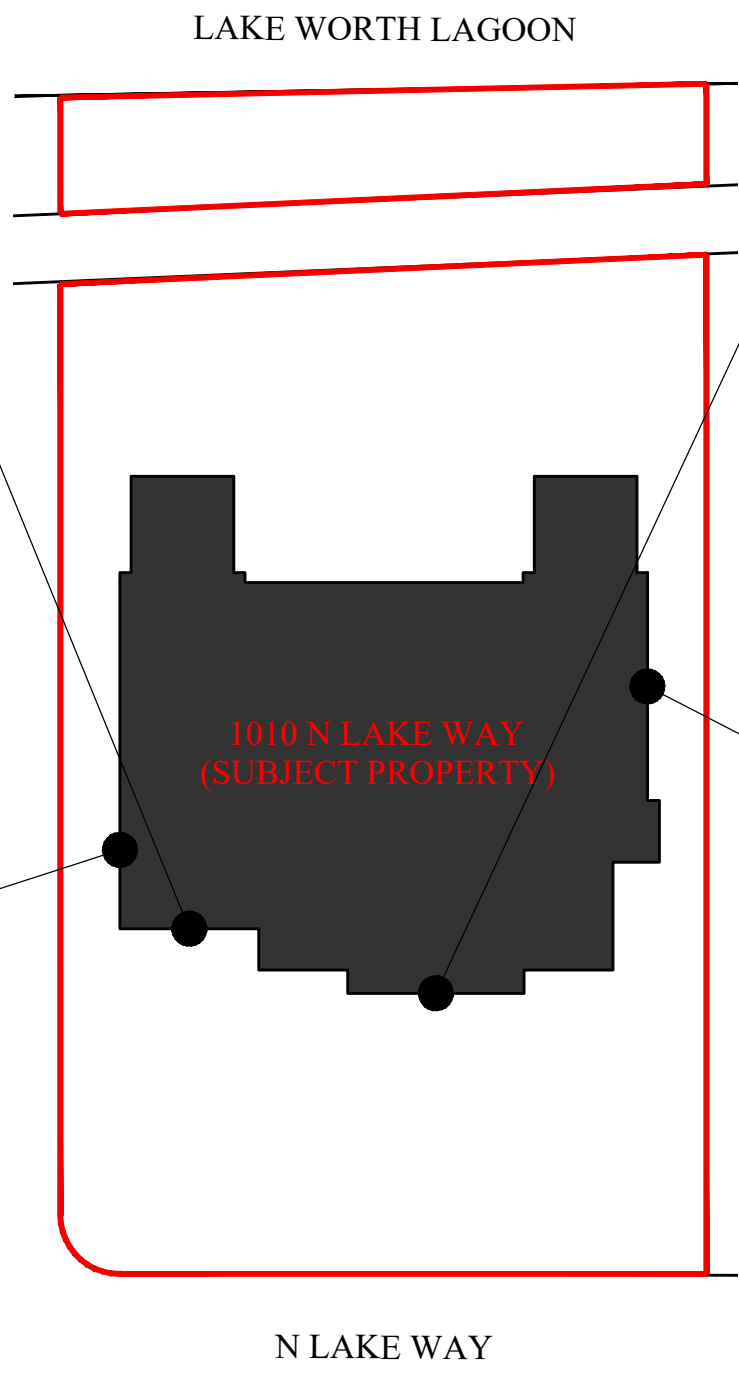
EAST SIDE OF PROPERTY



SOUTH SIDE OF PROPERTY

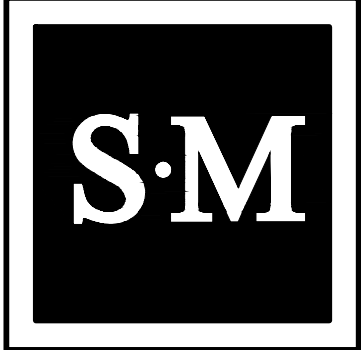


NORTH SIDE OF PROPERTY



KEY PLAN
SCALE: 1/32" = 1'-0"

1010 N LAKE WAY
EXISTING SITE PHOTOS



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P-1

ARCOM #ARC-24-0114



WEST SIDE OF PROPERTY



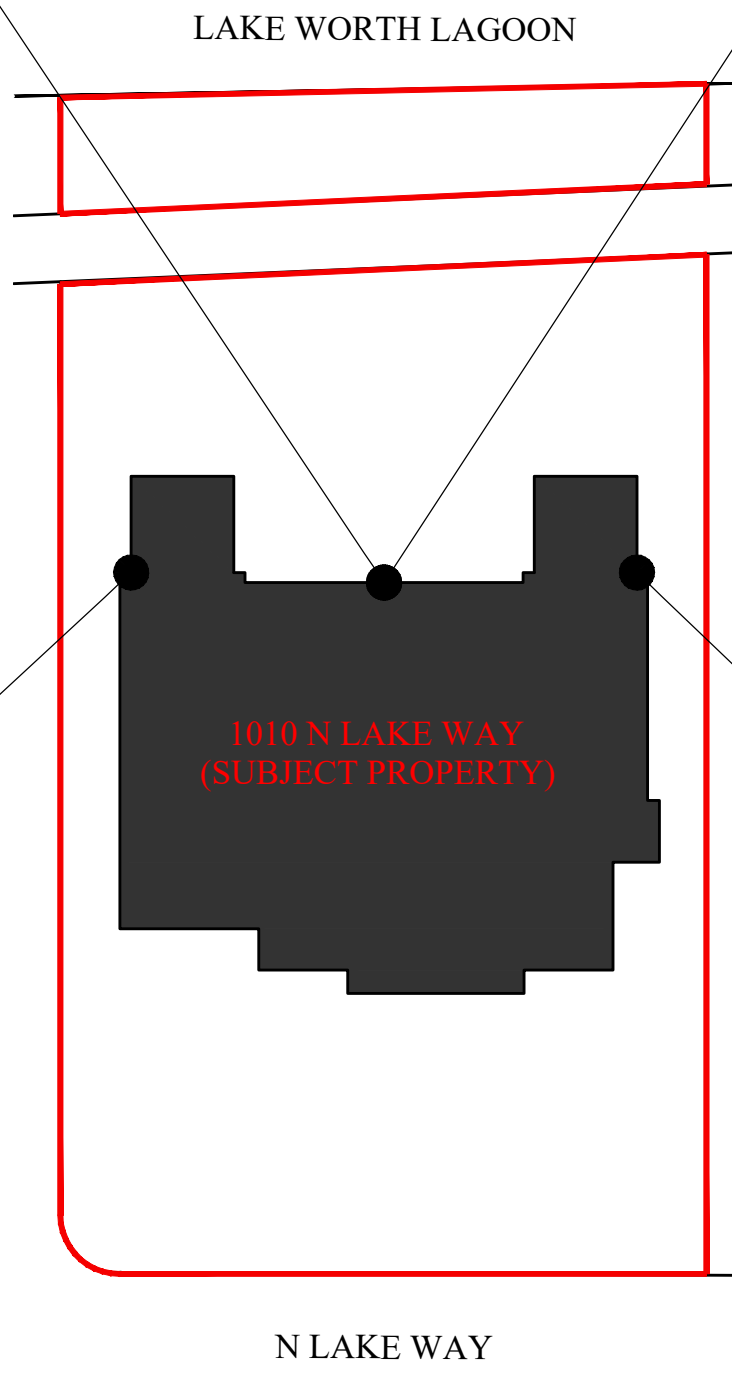
WEST SIDE OF PROPERTY

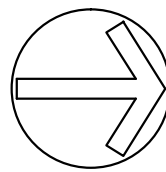


WEST SIDE OF PROPERTY

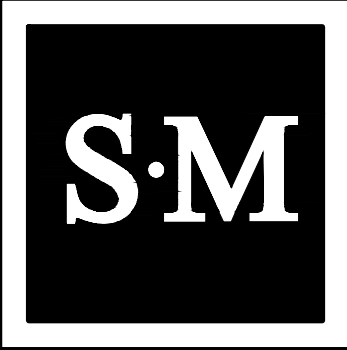


WEST SIDE OF PROPERTY



 **KEY PLAN**
SCALE: 1/32" = 1'-0"

1010 N LAKE WAY
EXISTING SITE PHOTOS



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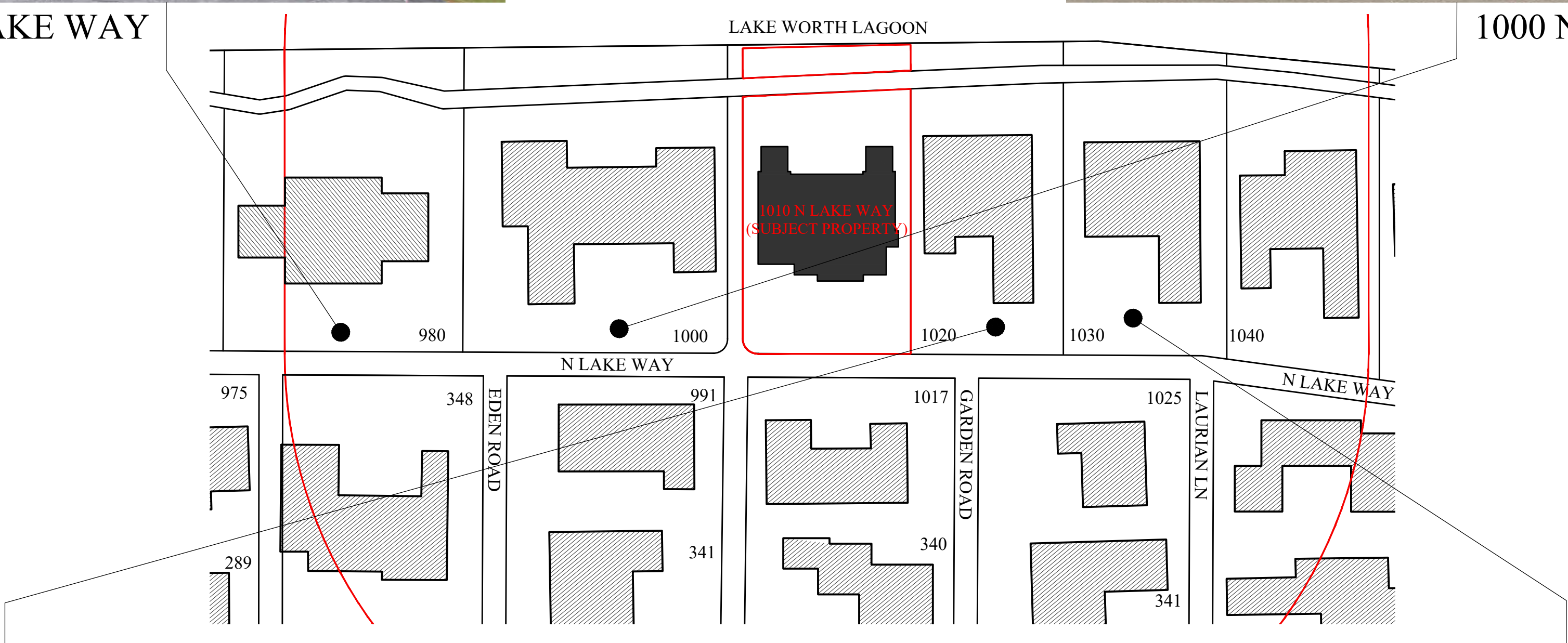
#ARC-24-0114 #ZON-24-0092



980 N LAKE WAY



1000 N LAKE WAY



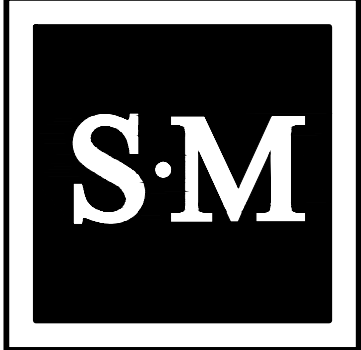
KEY PLAN
SCALE: 1/64" = 1'-0"



1020 N LAKE WAY



1030 N LAKE WAY



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P-3

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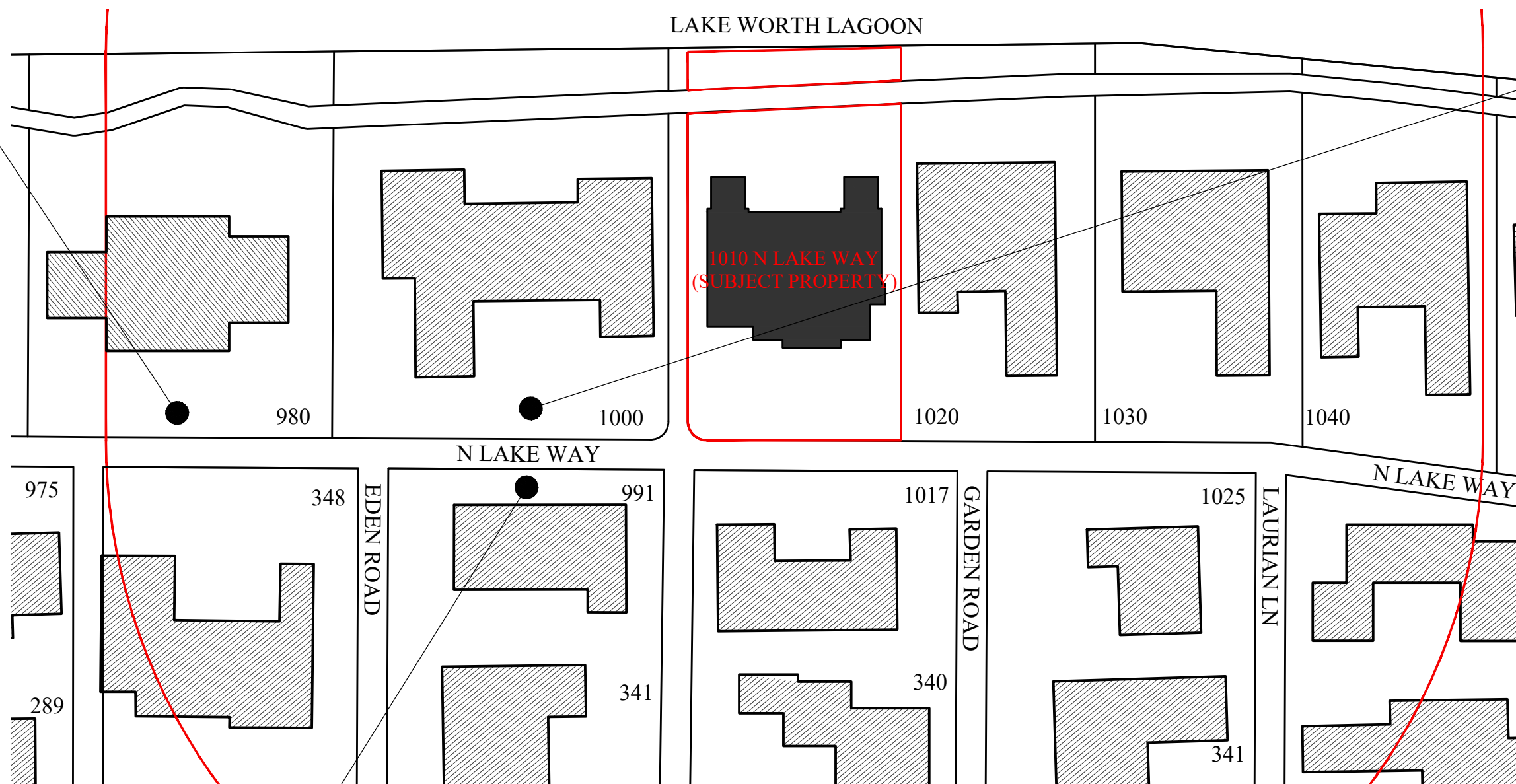


1025 N LAKE WAY

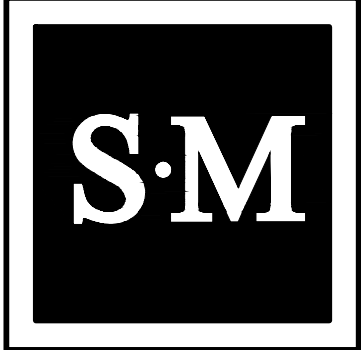
KEY PLAN
SCALE: 1/64" = 1'-0"



1017 N LAKE WAY



991 N LAKE WAY



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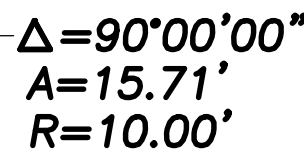
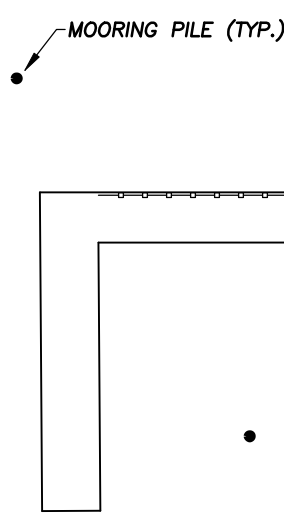
NO: -
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SHEET:

P-4

ARCOM #ARC-24-0114

A = ARC LENGTH
A/C = AIR CONDITIONING
A.E. = ACCESS EASEMENT
A.K.A. = ALSO KNOWN AS
B.F.P. = BACKFLOW PREVENTER
BLDG. = BUILDING
B.M. = BENCHMARK
B.O.C. = BACK OF CURB
B.O.W. = BACK OF WALK
(C) = CALCULATED
CATV = CABLE ANTENNA TELEVISION
C.B. = CHORD BEARING
C.B.S. = CONCRETE BLOCK STRUCTURE
C.C.C.L. = COASTAL CONSTRUCTION CONTROL LINE
CH = CHORD
C.L.F. = CHAIN LINK FENCE
CLR. = CLEAR
C.O. = CLEAN-OUT
CONC. = CONCRETE
(D) = DESCRIPTION DATUM
D.B. = DEED BOOK
D.E. = DRAINAGE EASEMENT
D.H. = DRILL HOLE
E.B. = ELECTRIC BOX
EL. = ELEVATION
ENC. = ENCROACHMENT
E.O.P. = EDGE OF PAVEMENT
E.O.W. = EDGE OF WATER
ESMT = EASEMENT
F.F. = FINISH FLOOR
FND. = FOUND
G.A. = GUY ANCHOR
G.M. = GAS METER
INV. = INVERT
I.T.W.C.D. = INDIAN TRAIL WATER CONTROL DISTRICT
L.A.E. = LIMITED ACCESS EASEMENT
L.B. = LICENSE BOARD
L.W.D.D. = LAKE WORTH DRAINAGE DISTRICT
(M) = FIELD MEASUREMENT
M.H. = MANHOLE
M.H.W.L. = MEAN HIGH WATER LINE
M.L.W.L. = MEAN LOW WATER LINE
N.A.V.D. = NORTH AMERICAN VERTICAL DATUM
N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM
N.P.B.C.I.D. = NORTHERN PALM BEACH COUNTY IMPROVEMENT DISTRICT
N.T.S. = NOT TO SCALE
O.A. = OVERALL
O.D. = OUTSIDE DIAMETER
O/H = OVERHEAD UTILITY LINE
O.R.B. = OFFICIAL RECORD BOOK
O/S = OFFSET
(P) = PLAT DATUM
P.B. = PLAT BOOK
P.B.C. = PALM BEACH COUNTY
P.C. = POINT OF CURVATURE
P.C.C. = POINT OF COMPOUND CURVATURE
P.C.P. = PERMANENT CONTROL POINT
PG. = PAGE
P.I. = POINT OF INTERSECTION
P/O = PART OF
P.O.B. = POINT OF BEGINNING
P.O.C. = POINT OF COMMENCEMENT
P.R.C. = POINT OF REVERSE CURVATURE
P.R.M. = PERMANENT REFERENCE MONUMENT
PROP. = PROPOSED
P.T. = POINT OF TANGENCY
P.V.M.T. = PAVEMENT
(R) = RADIAL
R = RADIUS
R.B. = RISER BOX
R.P.B. = ROAD PLAT BOOK
R/W = RIGHT OF WAY
(S) = SURVEY DATUM
S.B. = SETBACK
SEC. = SECTION
S/D = SUBDIVISION
S.F. = SQUARE FEET
S.F.W.M.D. = SOUTH FLORIDA WATER MANAGEMENT DISTRICT
S.I.R.W.C.D. = SOUTH INDIAN RIVER WATER CONTROL DISTRICT
S.R. = STATE ROAD
STA. = STATION
STY. = STORY
SW = SIDEWALK
T.C. = TOP OF COLUMN ELEVATION
TOW = TOP OF WALL ELEVATION
TWP. = TOWNSHIP
TYP. = TYPICAL
U/C = UNDER CONSTRUCTION
U.E. = UTILITY EASEMENT
U.R. = UNRECORDED
W.C. = WITNESS CORNER
W.M.E. = WATER MANAGEMENT EASEMENT
W.M.M.E. = WATER MANAGEMENT MAINTENANCE EASEMENT
W.M.T. = WATER MANAGEMENT TRACT
± = BASELINE
± = CENTERLINE
± = CENTRAL ANGLE/Delta
■ = CONCRETE MONUMENT FOUND (AS NOTED)
□ = CONCRETE MONUMENT SET (LB #4569)
● = ROD & CAP FOUND (AS NOTED)
○ = 5/8" ROD & CAP SET (LB #4569)
○ = IRON PIPE FOUND (AS NOTED)
● = IRON ROD FOUND (AS NOTED)
▲ = NAIL FOUND
● = NAIL & DISK FOUND (AS NOTED)
● = MAG NAIL & DISK SET (LB #4569)
ℙ = PROPERTY LINE
⚡ = UTILITY POLE
⚡ = FIRE HYDRANT
⚡ = WATER METER
⚡ = WATER VALVE
⚡ = LIGHT POLE

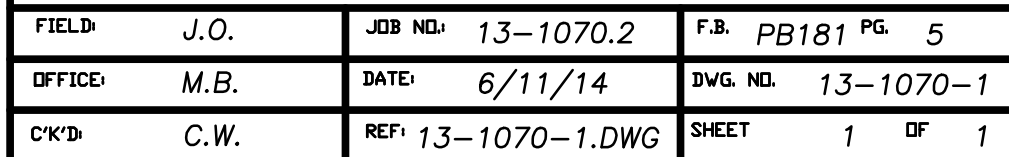
TREE NUMBER	SPECIES	CALIPER (DBH)
642	FICUS TREE (FICUS BENJAMINA) TRIPLE	8"
640	SCHFEFLERA (SCHEFFLERA ACTINOPHYLLA)	16"
641	FICUS TREE (FICUS BENJAMINA)	21"
642	FICUS TREE (FICUS BENJAMINA) TRIPLE	8"
643	FICUS TREE (FICUS BENJAMINA) TRIPLE	8"
644	FICUS TREE (FICUS BENJAMINA) TRIPLE	8"
645	FICUS TREE (FICUS BENJAMINA) TRIPLE	8"
646	FICUS TREE (FICUS BENJAMINA) TRIPLE	12"
647	SCHFEFLERA (SCHEFFLERA ACTINOPHYLLA)	15"
648	FICUS TREE (FICUS BENJAMINA) TRIPLE	8"
648	MASTWOOD TREE (CALOPHYLLUM INOPHYLLUM)	10"
651	SCHFEFLERA (SCHEFFLERA ARBORICOLA)	26"
652	ARECA PALM (DYPHIS LUTESCENS) CLUSTER	72"
653	PYGMY DATE PALM (PHOENIX ROEBELENI)	16"
654	BLACK OLIVE (OLEA EUROPAEA)	4"
655	MANILA PALM (ADONIDIA MERRILLII) TRIPLE	6"
656	SCHFEFLERA (SCHEFFLERA ACTINOPHYLLA)	12"



DATE OF LAST FIELD SURVEY: 08/16/2024



James G. Peden, Jr.
Professional Surveyor and Mapper
Florida Certificate No. 6122



LAKE WORTH
LAGOON

110.02'

LAKE TRAIL

19.8'

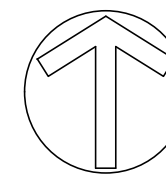
12.01'

173.58'

158.54'

100.00'

N. LAKE WAY



EXISTING SITE PLAN

SCALE: 1/8"=1'-0"

1010 N LAKE WAY
2-STORY RESIDENCE

+0'-0" A.D. (+5.8' N.A.V.D.)
TOP OF CONC. SLAB

S.M

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LAKE WORTH
LAGOON

17.14'

110.02'

19.8'

LAKE TRAIL

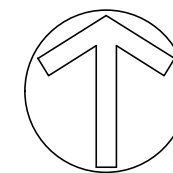
12.01'

173.58'

158.54'

100.00'

N. LAKE WAY



PROPOSED SITE PLAN

SCALE: 1/8"=1'-0"

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REGISTERED ARCHITECT 8742

JONATHAN C. MOORE
REGISTERED ARCHITECT 13541

PETER G. PAPADOPOULOS
REGISTERED ARCHITECT 92952

DANIEL KAHAN
REGISTERED ARCHITECT 94757

PRE-APP SUBMITTAL 2024-11-04
FIRST SUBMITTAL 2024-11-26
SECOND SUBMITTAL 2024-12-16
FINAL SUBMITTAL 2025-01-09

NO: -
DWG. BY: PGP/VMT
SHEET:

SP-2

ARC-24-0114 # ZON-24-0092



MARIO F. NIEVERA

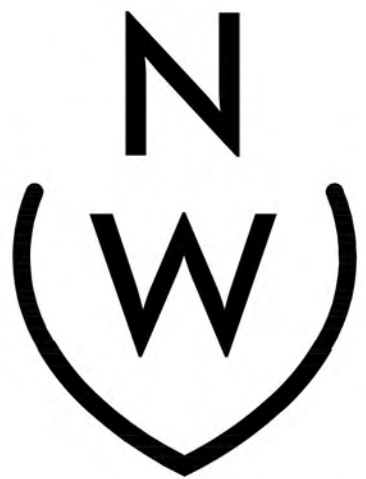
State of Florida
Landscape Architect
Registration No.
6666856

SITE PLAN
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

30 AUGUST 2024

SCALE: 1/8" = 1'-0"



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
Suite 502
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

Lo

ARC-24-0114



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTHLAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •

FLORIDA AAC

NO. 001285

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EL-1

ARC-24-0114 # ZON-24-0092





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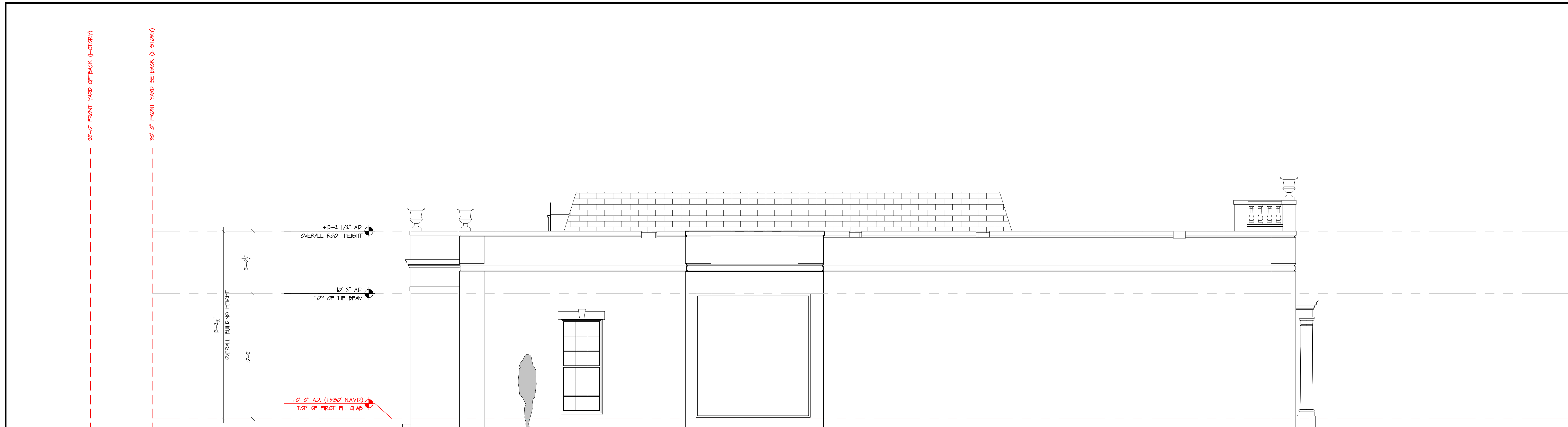
DANIEL KAHAN
REGISTERED ARCHITECT 94757

PRE-APP SUBMITTAL 2024-11-04
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SECOND SUBMITTAL 2024-12-16
FINAL SUBMITTAL 2025-01-09

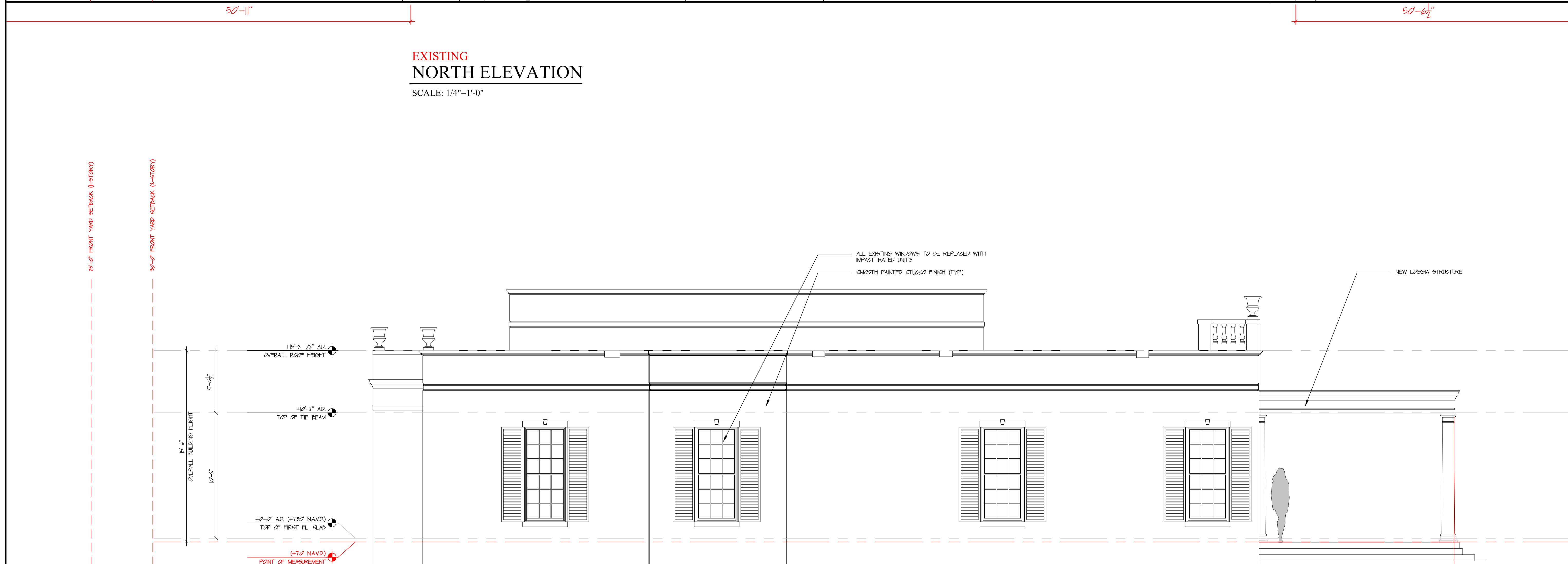
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DWG. BY: PGP/VMT
SHEET:

EL-2

ARC-24-0114 # ZON-24-0092



EXISTING
NORTH ELEVATION
SCALE: 1/4"=1'-0"



PROPOSED
NORTH ELEVATION
SCALE: 1/4"=1'-0"



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTHLAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •

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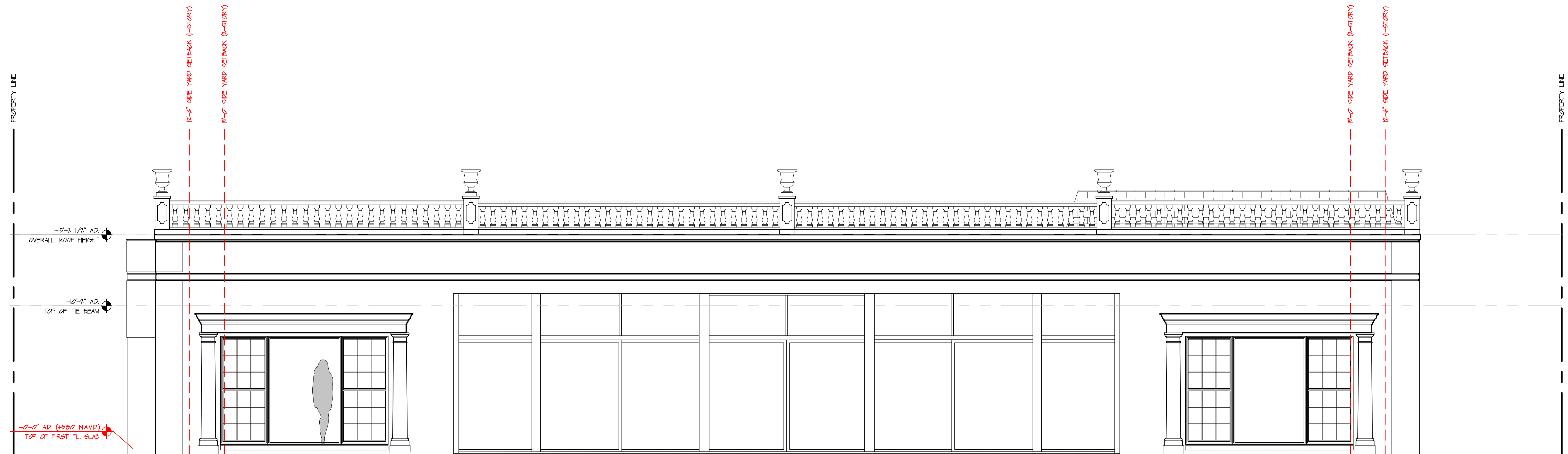
DANIEL KAHAN
REGISTERED ARCHITECT 94757

PRE-APP SUBMITTAL 2024-11-04
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SHEET:

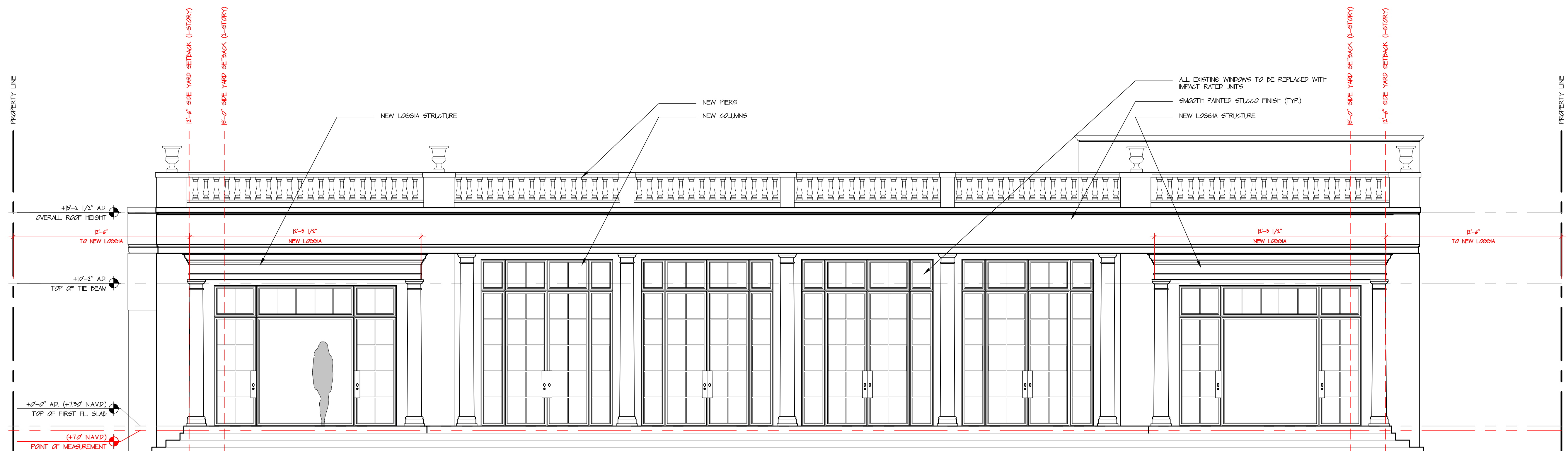
EL-3

ARC-24-0114 # ZON-24-0092



EXISTING
WEST ELEVATION

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



PROPOSED
WEST ELEVATION

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



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTHLAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
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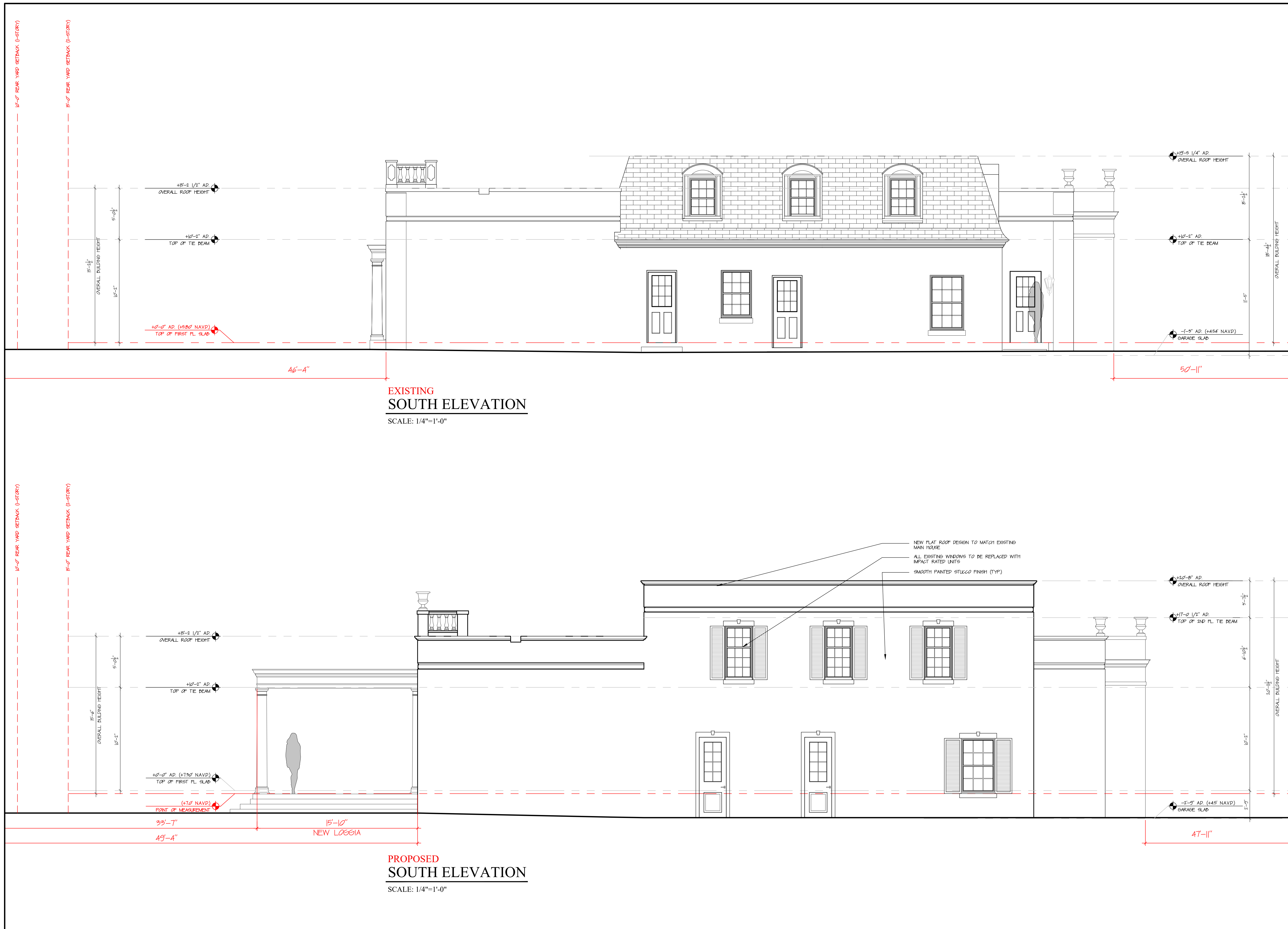
DANIEL KAHAN
REGISTERED ARCHITECT 94757

PRE-APP SUBMITTAL 2024-11-04
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SECOND SUBMITTAL 2024-12-16
FINAL SUBMITTAL 2025-01-09

NO: -
DWG. BY: PGP/VMT
SHEET:

EL-4

ARC-24-0114 # ZON-24-0092





ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE, WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •

FLORIDA AAC
NO. 001285

HAROLD J. SMITH
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NO: -
DWG. BY: PGP/VMT
SHEET:
EL-7

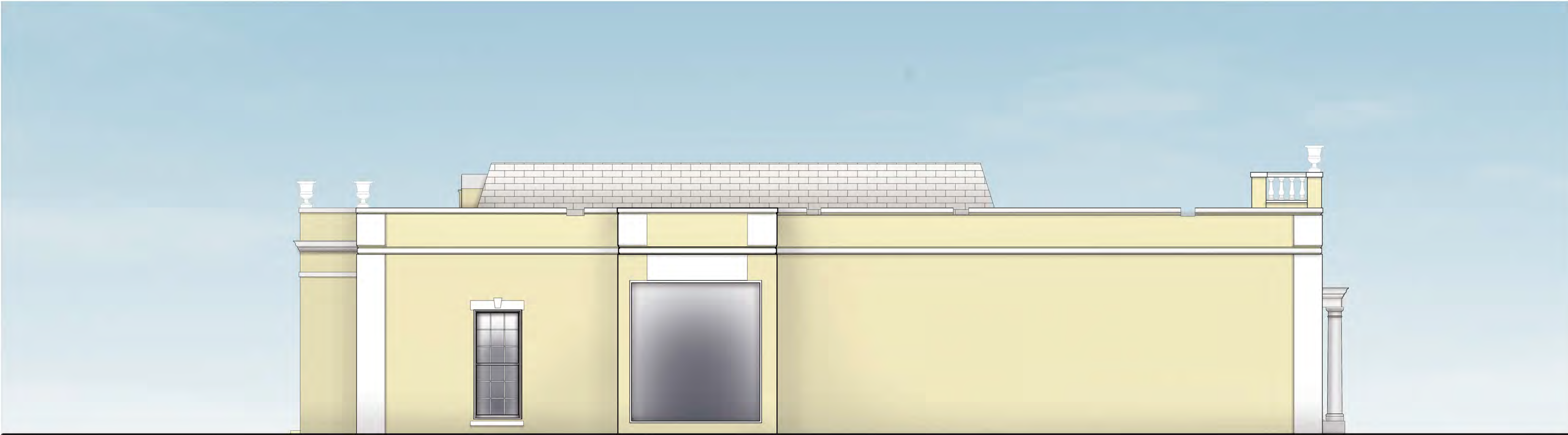
ARC-24-0114 # ZON-24-0092



EXISTING
EAST ELEVATION
SCALE: 1/4"=1'-0"



PROPOSED
EAST ELEVATION
SCALE: 1/4"=1'-0"



EXISTING
NORTH ELEVATION
SCALE: 1/4"=1'-0"



PROPOSED
NORTH ELEVATION
SCALE: 1/4"=1'-0"



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
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FLORIDA AAC
NO. 001285

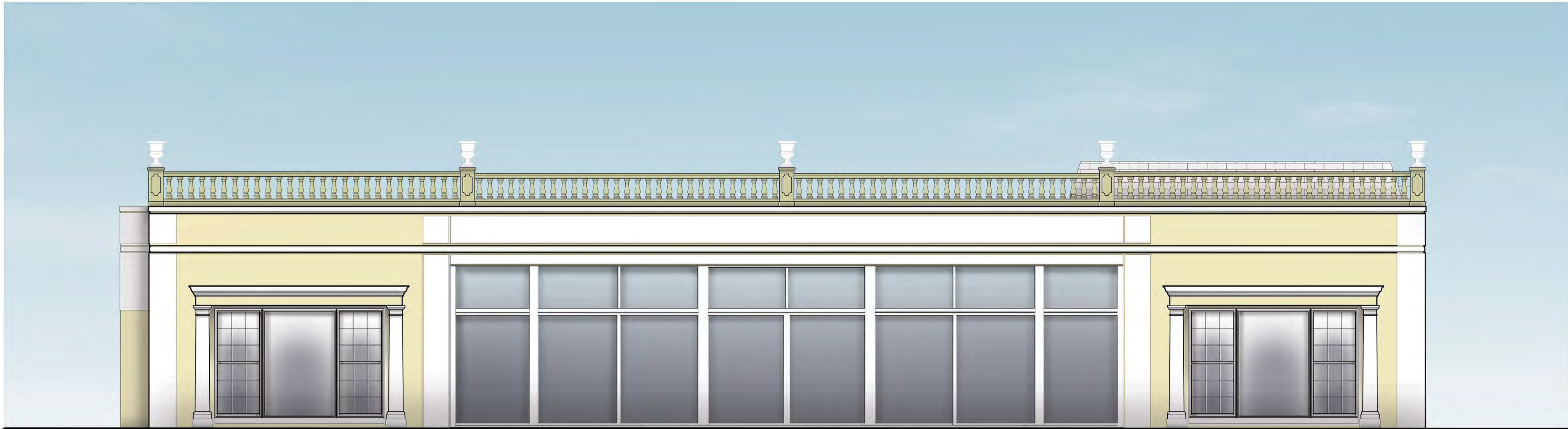
HAROLD J. SMITH
REGISTERED ARCHITECT 8742
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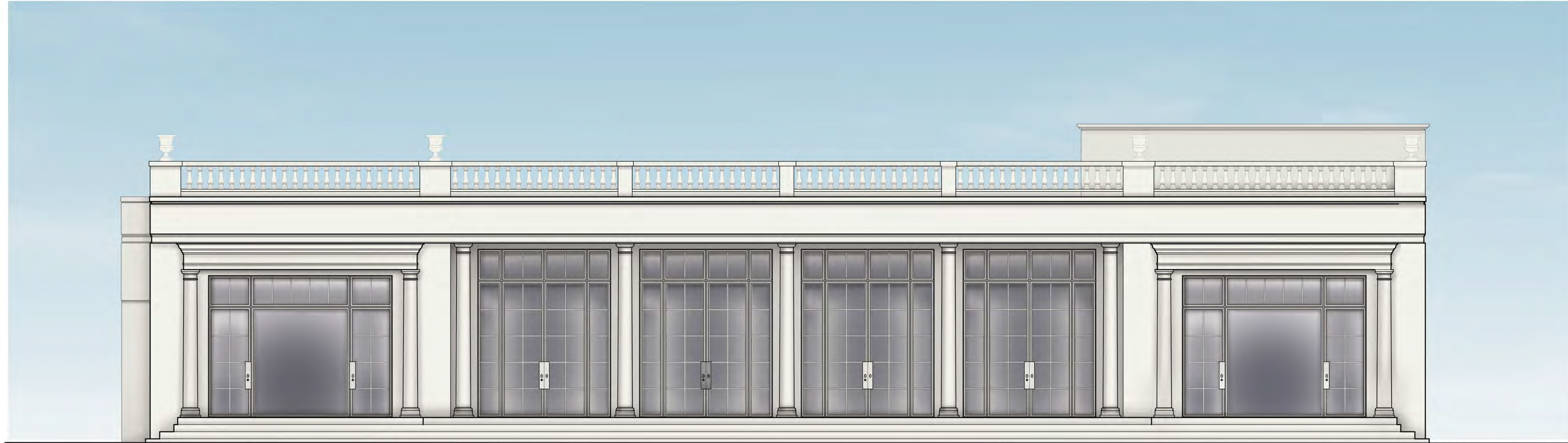
EL-8

ARC-24-0114 # ZON-24-0092



EXISTING
WEST ELEVATION

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



PROPOSED
WEST ELEVATION

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



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •

FLORIDA AAC
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FINAL SUBMITTAL 2025-01-09

NO: -
DWG. BY: PGP/VMT
SHEET:

EL-9

ARC-24-0114 # ZON-24-0092



EXISTING
SOUTH ELEVATION

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



PROPOSED
SOUTH ELEVATION

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



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •
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FLORIDA AAC
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PRI-APP SUBMITTAL 2024-11-04
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NO: -
DWG. BY: PGP/VMT
SHEET:
EL-10

ARC-24-0114 # ZON-24-0092



PERSPECTIVE RENDERING OF FRONT ELEVATION

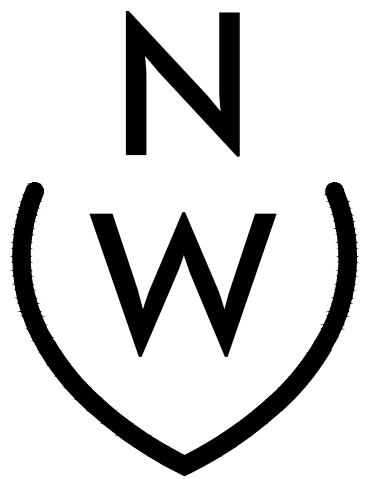
MARIO F. NIEVERA

State of Florida
Landscape Architect
Registration No.
6666856

PERSPECTIVE RENDERING
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

13 DECEMBER 2024



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
Suite 502
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

R4

ARC-24-0114



REAR RENDERING 1

SCALE: NTS



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •
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NO: -
DWG. BY: PGP/VMT
SHEET:

R-3

ARC-24-0114 # ZON-24-0092



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •

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DWG. BY: PGP/VMT
SHEET:

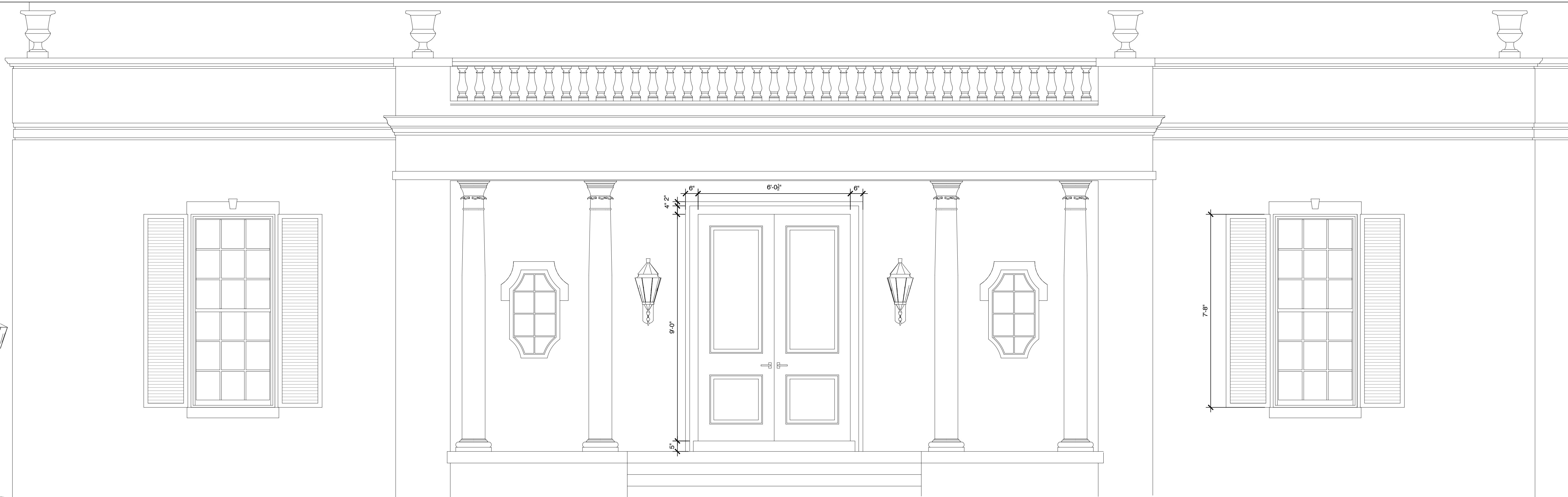
R-4

ARC-24-0114 # ZON-24-0092



REAR RENDERING 2

SCALE: NTS



1 PARTIAL EAST ELEVATION - FRONT DOOR
1/2"=1'-0"

BENJAMIN MOORE, WHITE DOVE. OC-17.
THROUGHOUT ALL EXTERIOR WALLS, SHUTTERS, TRIMS, AND ALL DETAILS.

White Dove
OC-17

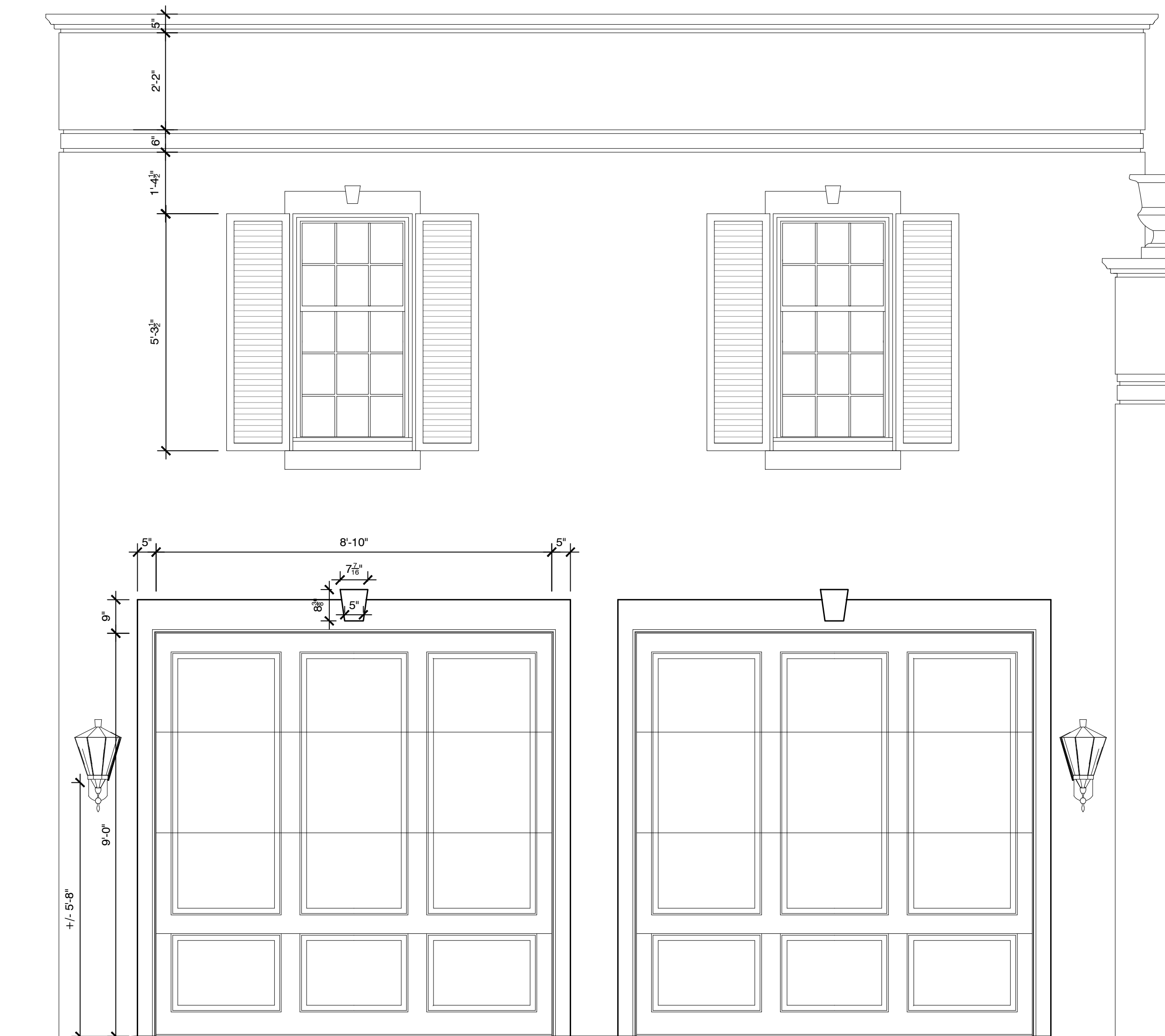
FARROW AND BALL, DOWN PIPE. NO. 26. FULL GLOSS.
ENTRY DOORS ONLY.

No. 26
Down Pipe

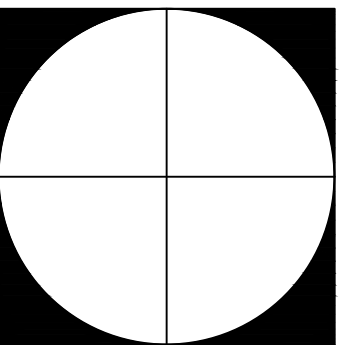
DOOR HARDWARE COLOR
URBAN ARCHEOLOGY
LIGHT PEWTER



LP
Light Pewter



2 PARTIAL EAST ELEVATION - GARAGE DOORS
1/2"=1'-0"



HAYNES-ROBERTS
INC.

601 WEST 26TH STREET, SUITE 1655
NEW YORK - NEW YORK - 10001

TEL: 212 989 1901

REVISIONS:

PROJECT:

PRIVATE
RESIDENCE
1010 NORTH LAKE WAY
PALM BEACH, FL 33480

DWG. TITLE:

FACADE
DETAILS

SEAL AND SIGNATURE

DATE: JAN 08, 2025

PROJECT No.: -

SCALE: AS NOTED

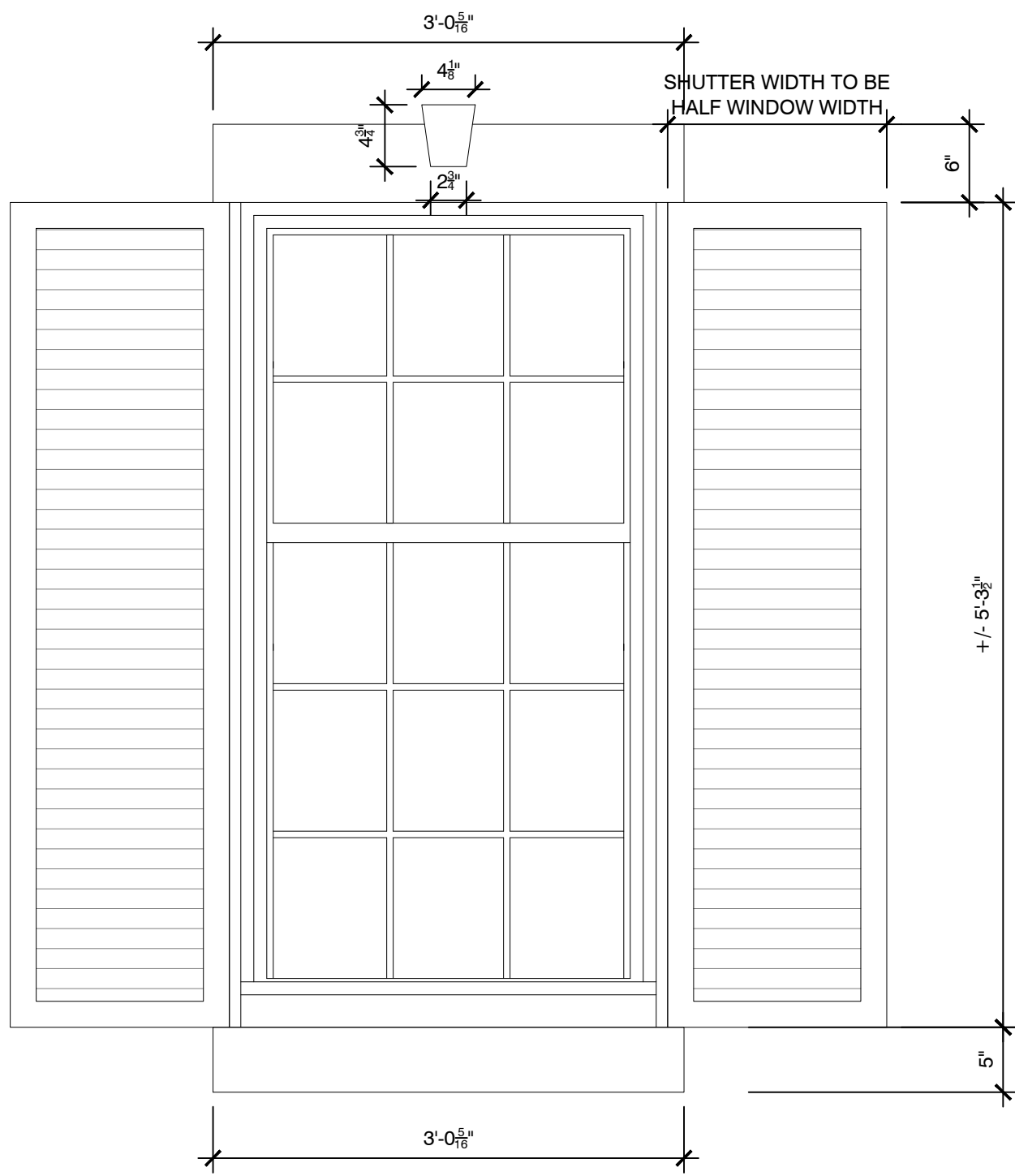
DWG BY: -

CHK BY: -

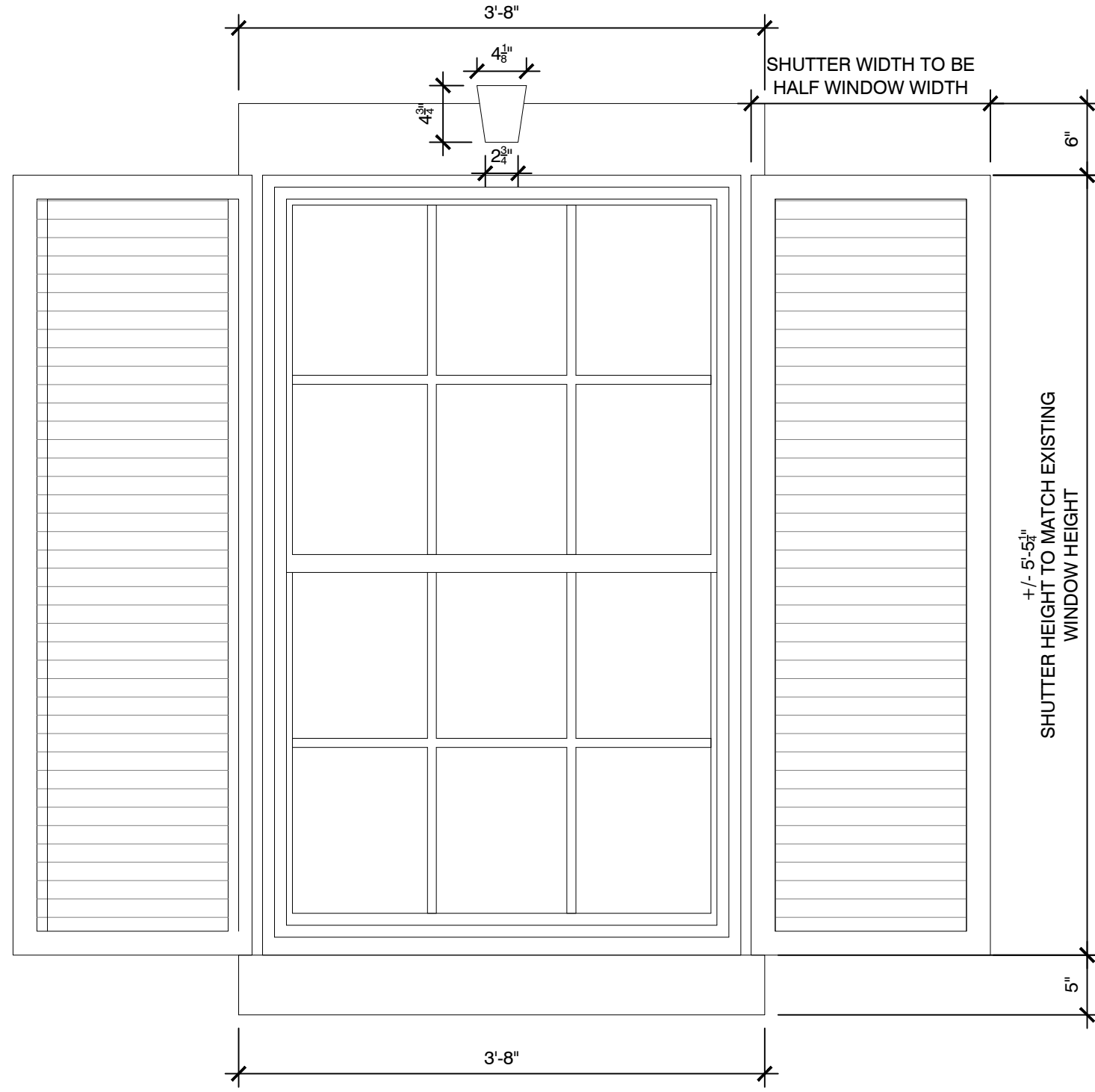
DWG No.

DETAILS 01

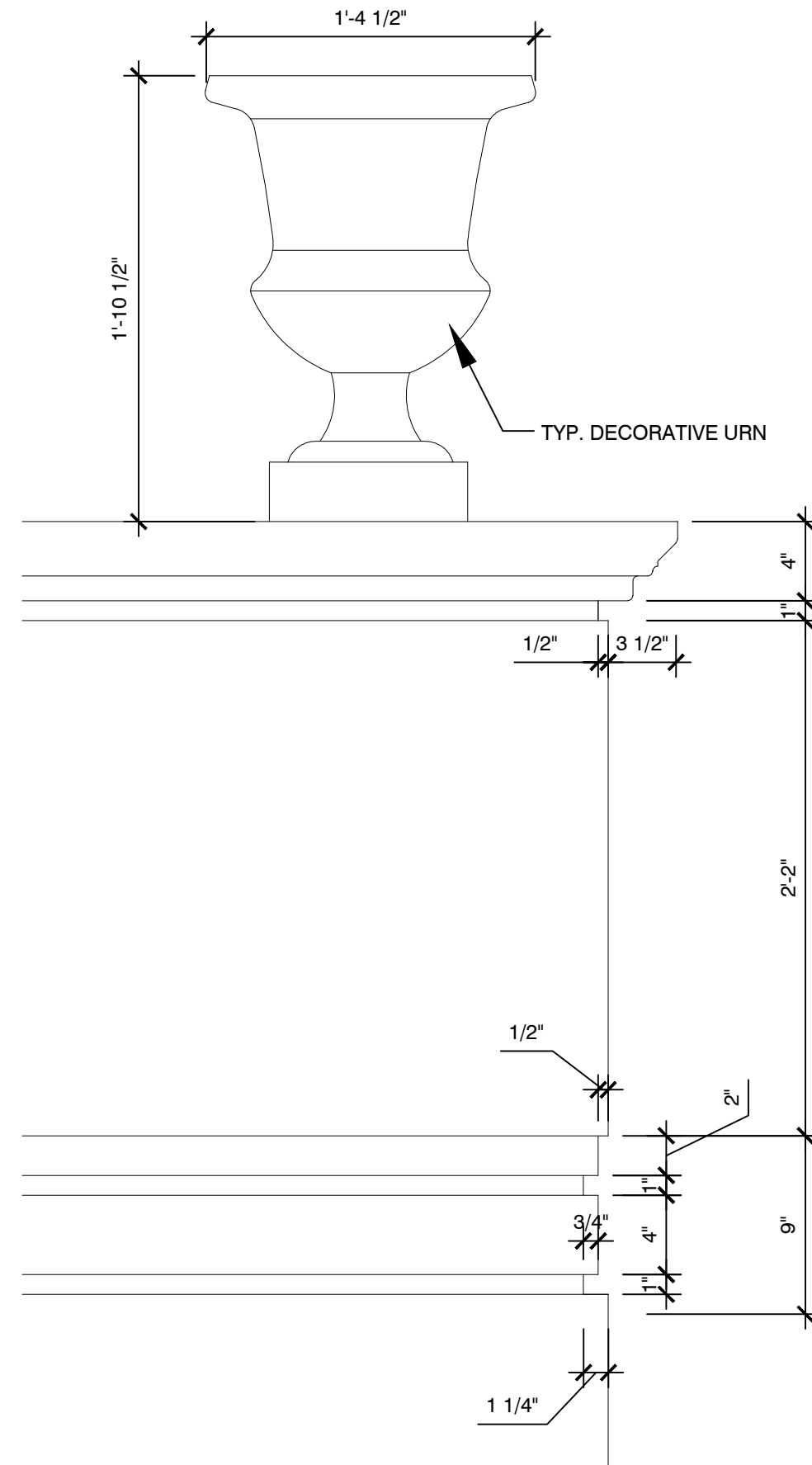
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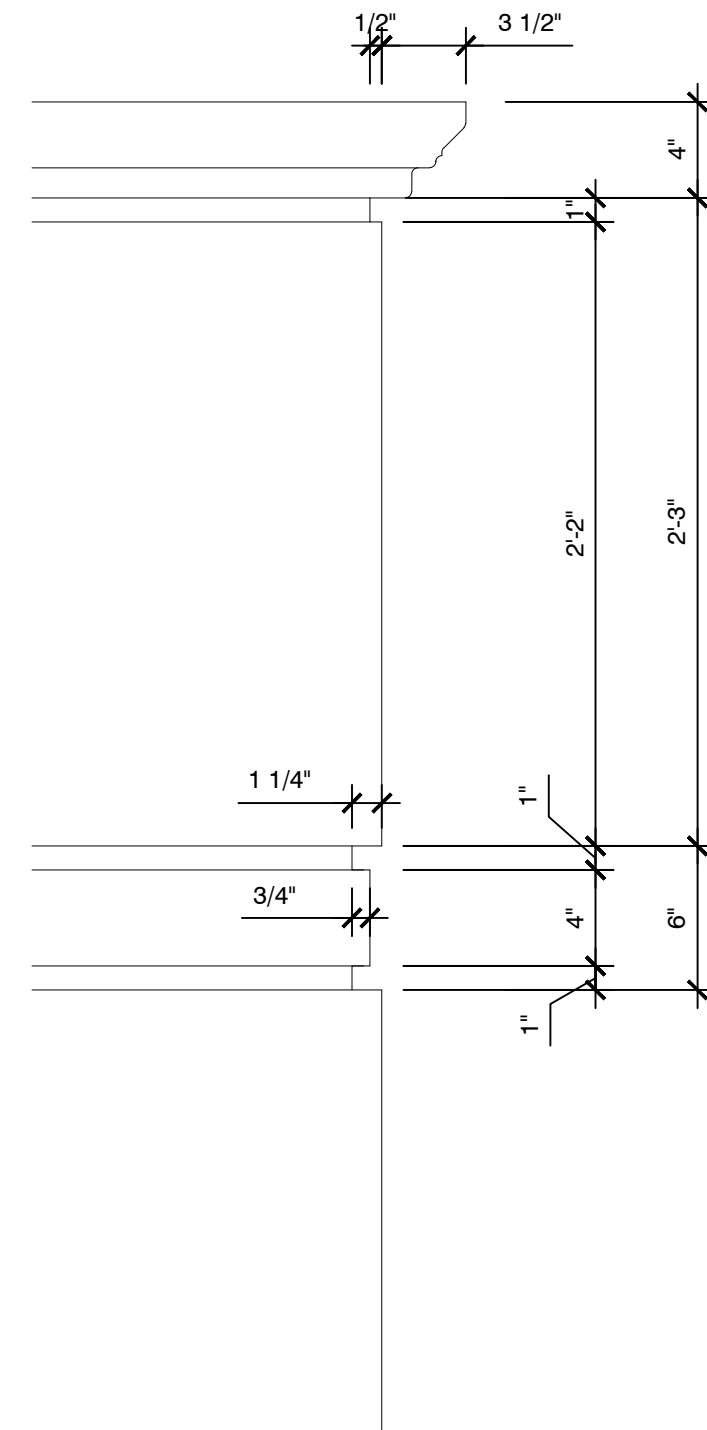
1 TYP. WINDOW SHUTTER 2ND LEVEL NEW BUILD
1"=1'-0"



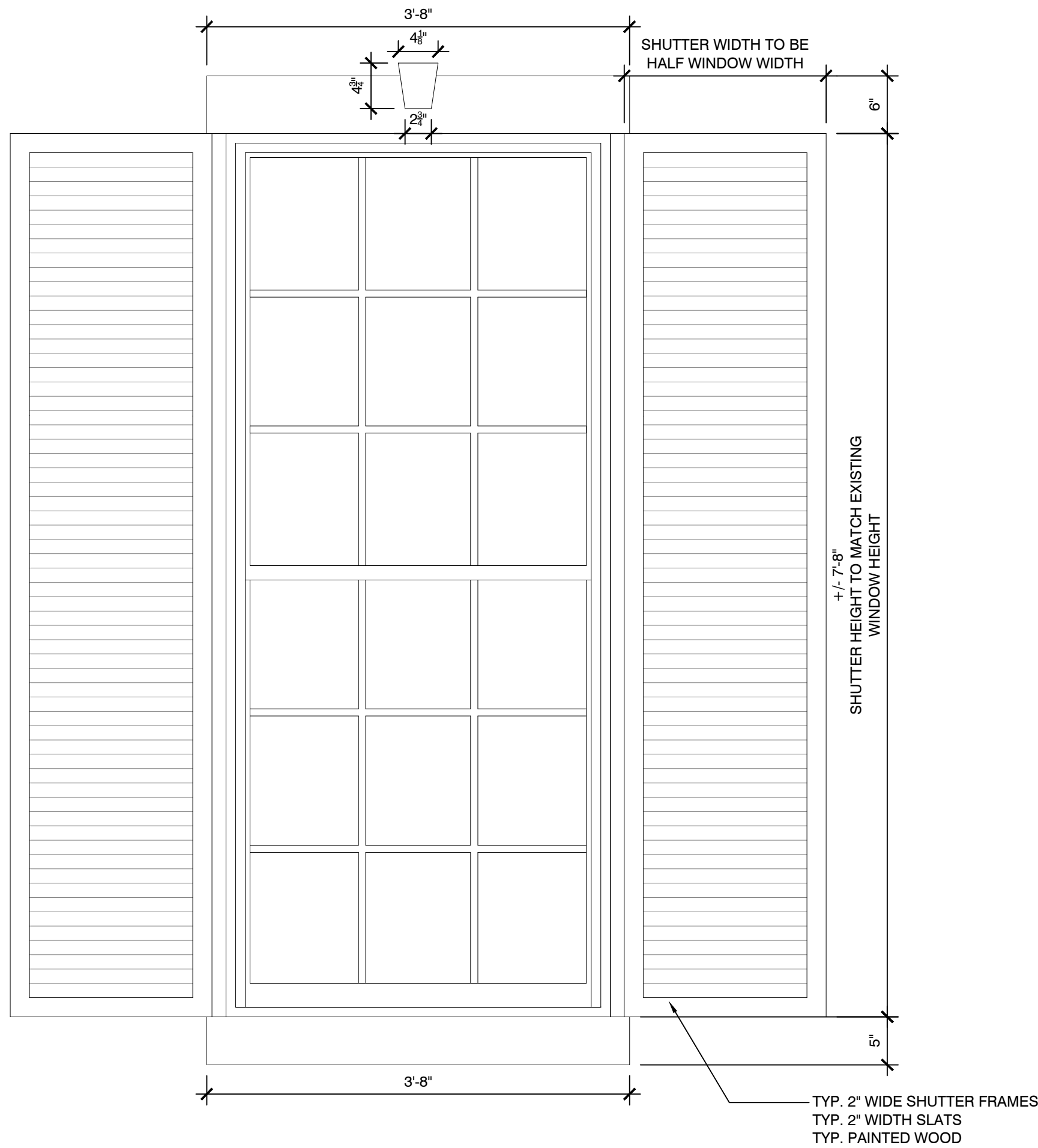
2 GARAGE WINDOW
1"=1'-0"



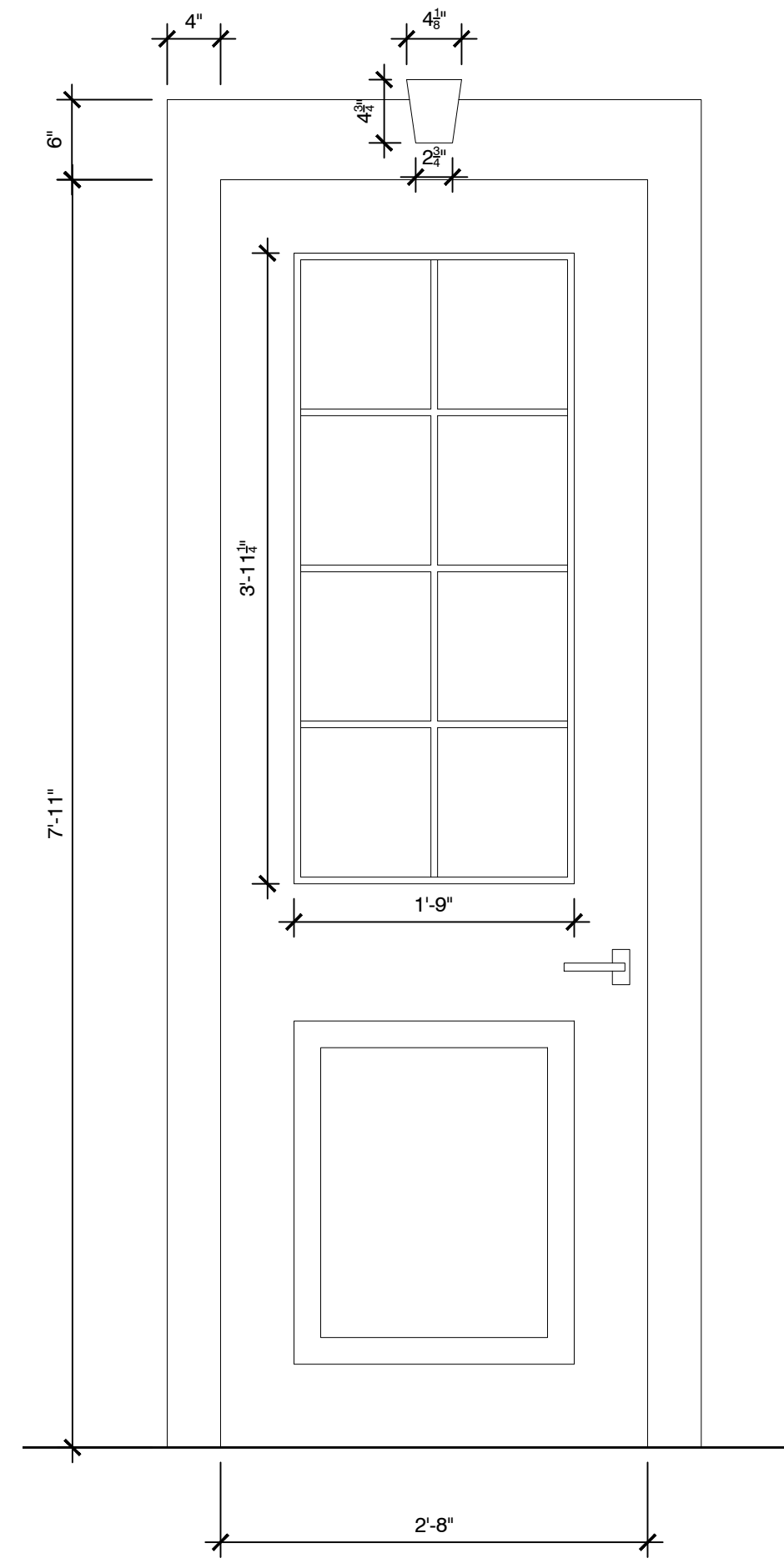
4 TYP. WALL TOP DETAIL THROUGHOUT MAIN HOUSE
1 1/2"=1'-0"



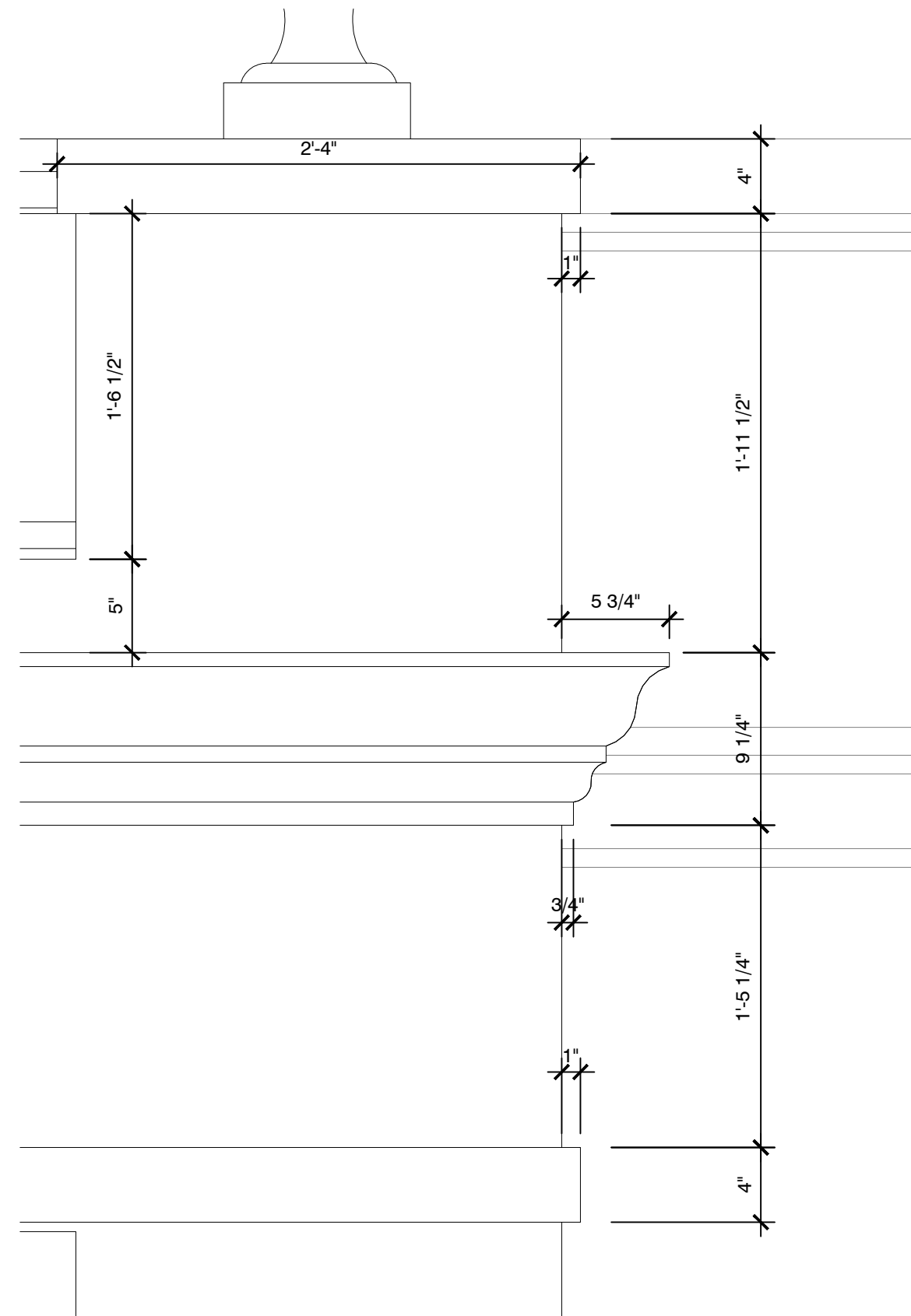
3 TYP. WALL TOP DETAIL THROUGHOUT 2ND LEVEL NEW BUILD
1 1/2"=1'-0"



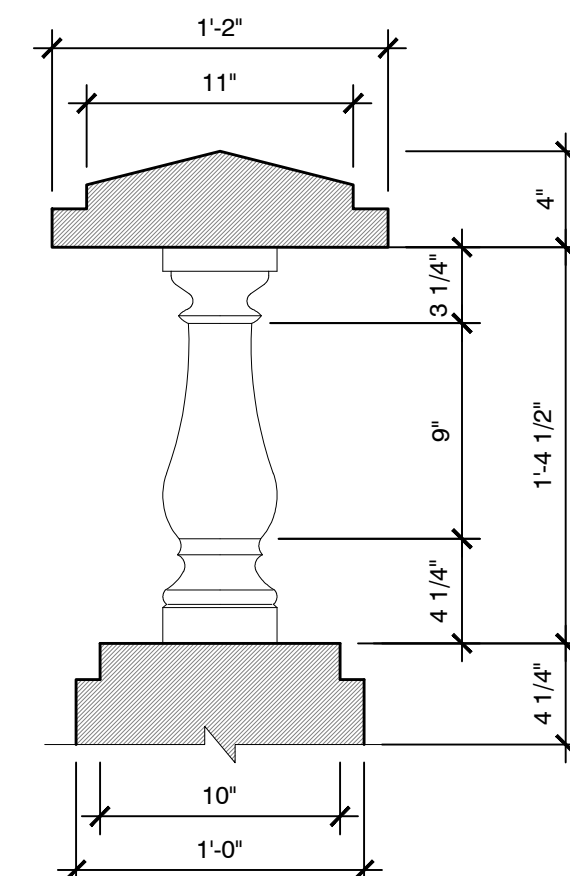
5 TYP. WINDOW SHUTTERS 1ST LEVEL
1"=1'-0"



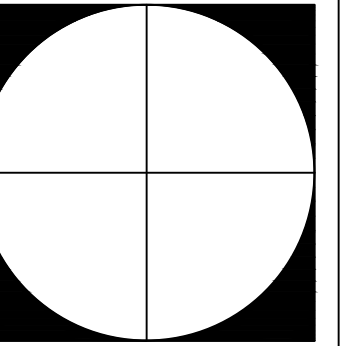
6 TYP. SIDE DOOR
1"=1'-0"



8 FRONT FACADE CORNICE AND ENTABLATURE DETAIL
1 1/2"=1'-0"



7 TYP. FRONT FACADE BALLUSTRADE SECTION
1 1/2"=1'-0"



HAYNES-ROBERTS
INC.

601 WEST 26TH STREET, SUITE 1655
NEW YORK - NEW YORK - 10001

TEL: 212 989 1901

REVISIONS:

PROJECT:

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RESIDENCE
1010 NORTH LAKE WAY
PALM BEACH, FL 33480

DWG. TITLE:

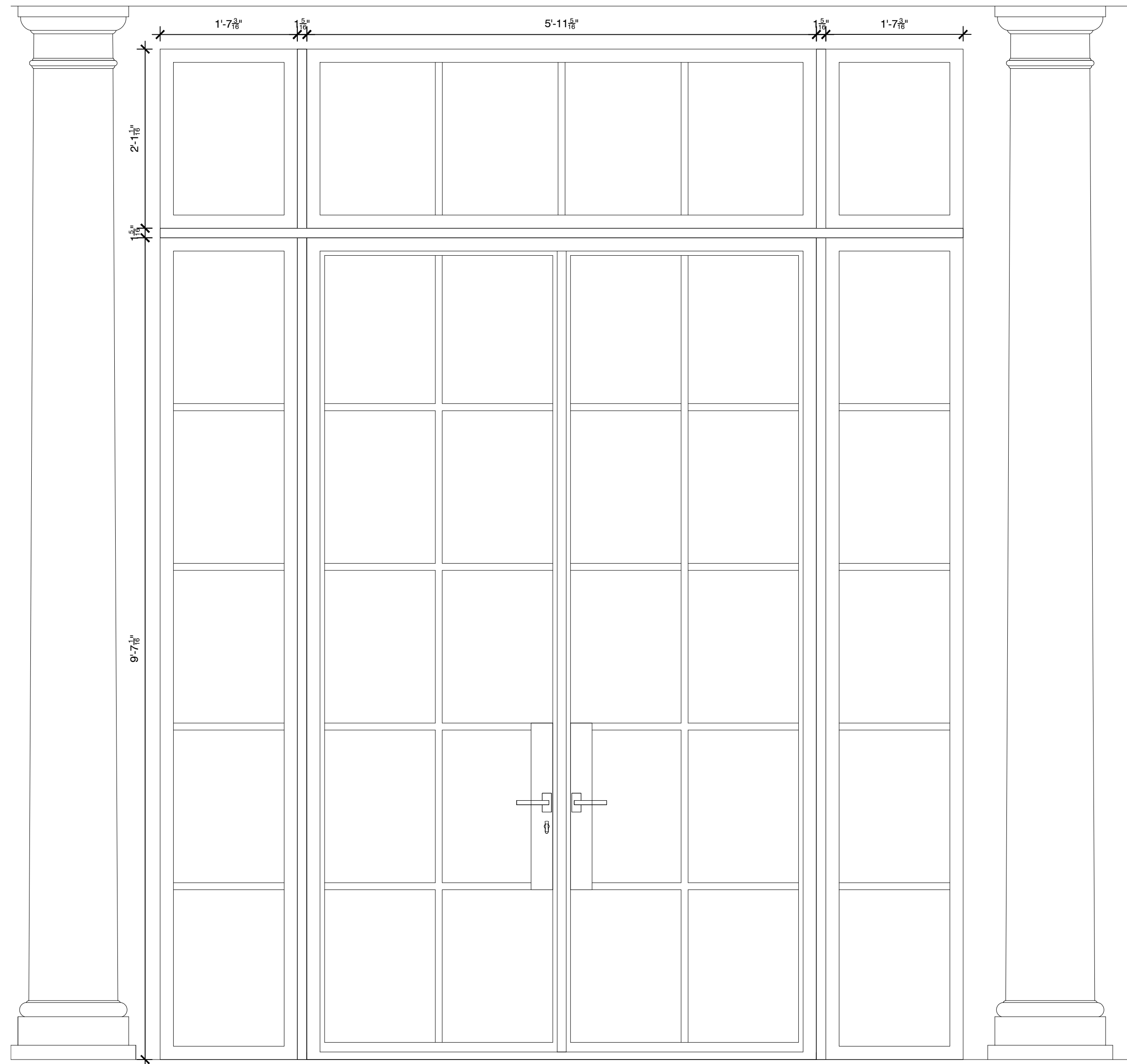
EXTERIOR
DETAILS

SEAL AND SIGNATURE

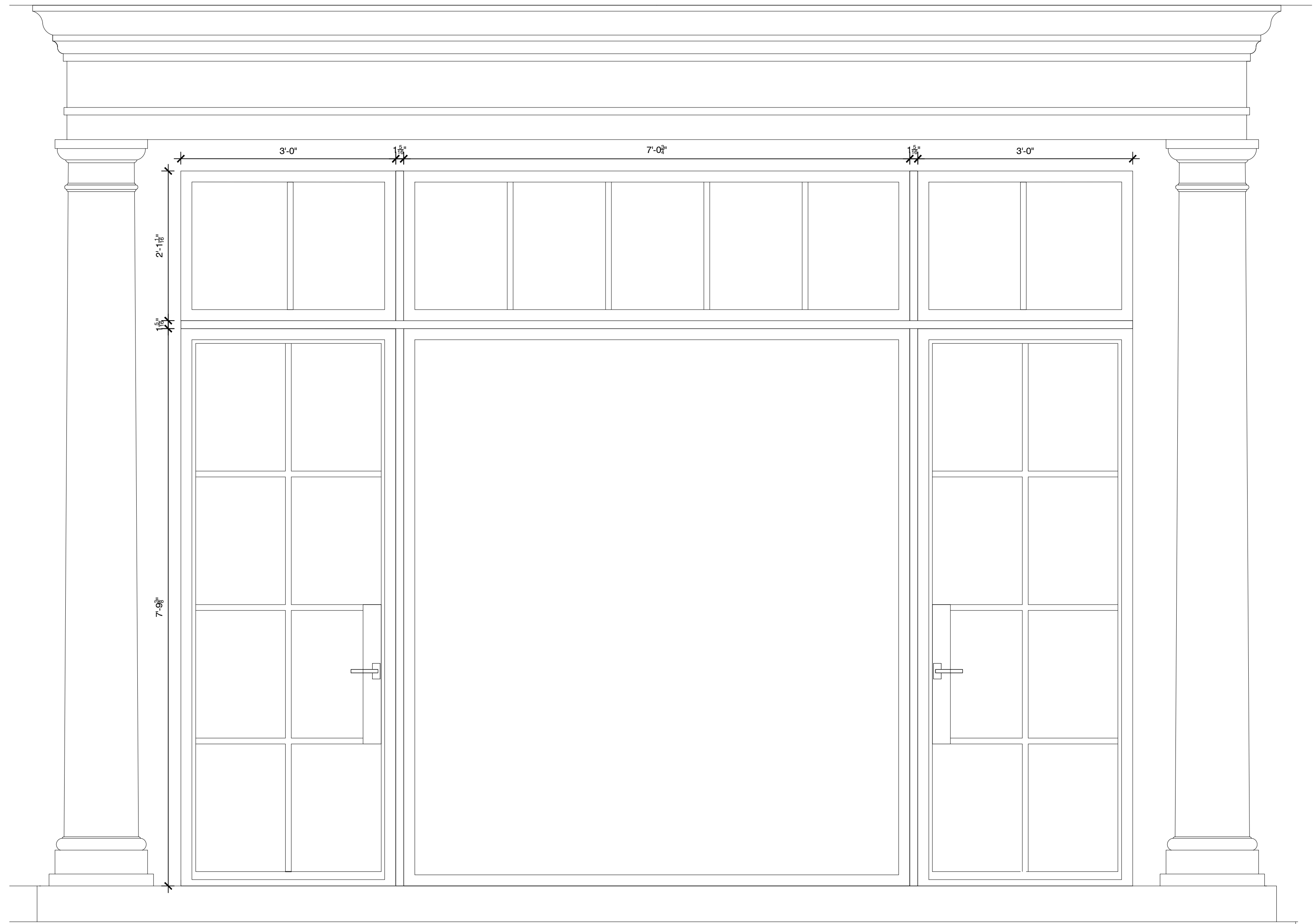
DATE: JAN 08, 2025
PROJECT No.: -
SCALE: AS NOTED
DWG BY: -
CHK BY: -
DWG No.

DETAILS 02

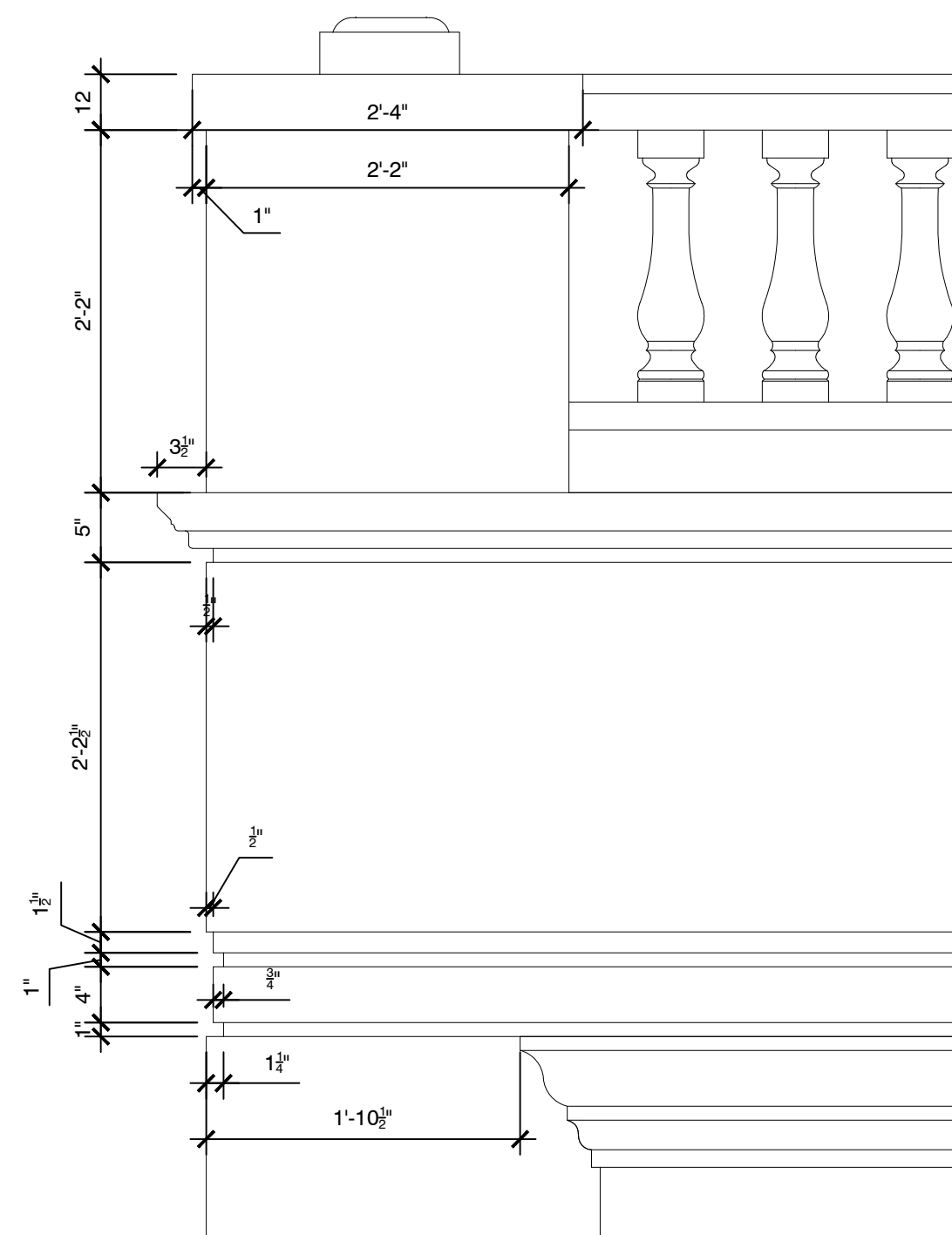
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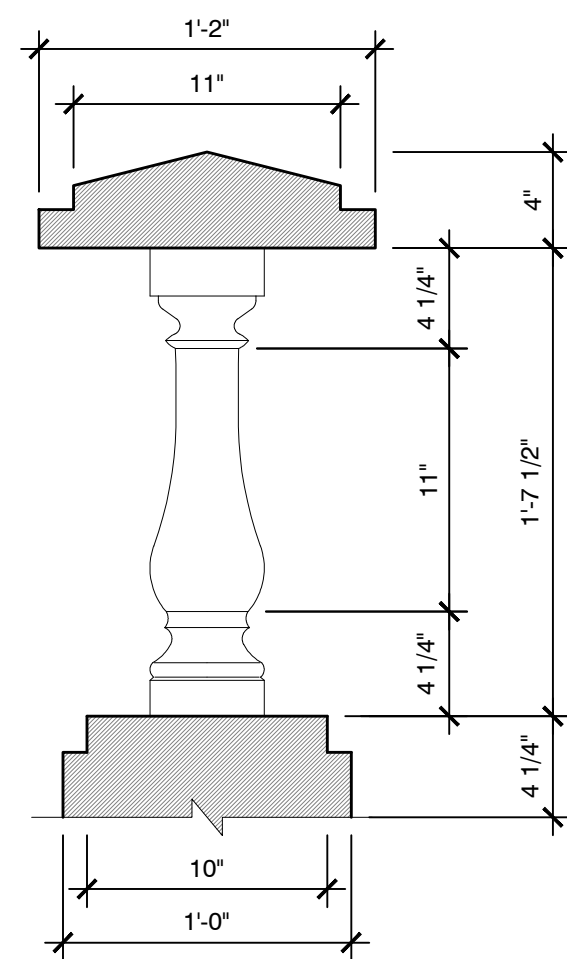
1 TYP. REAR FACADE LIVING ROOM FENESTRATION AND DOOR ELEVATION
1"=1'-0"



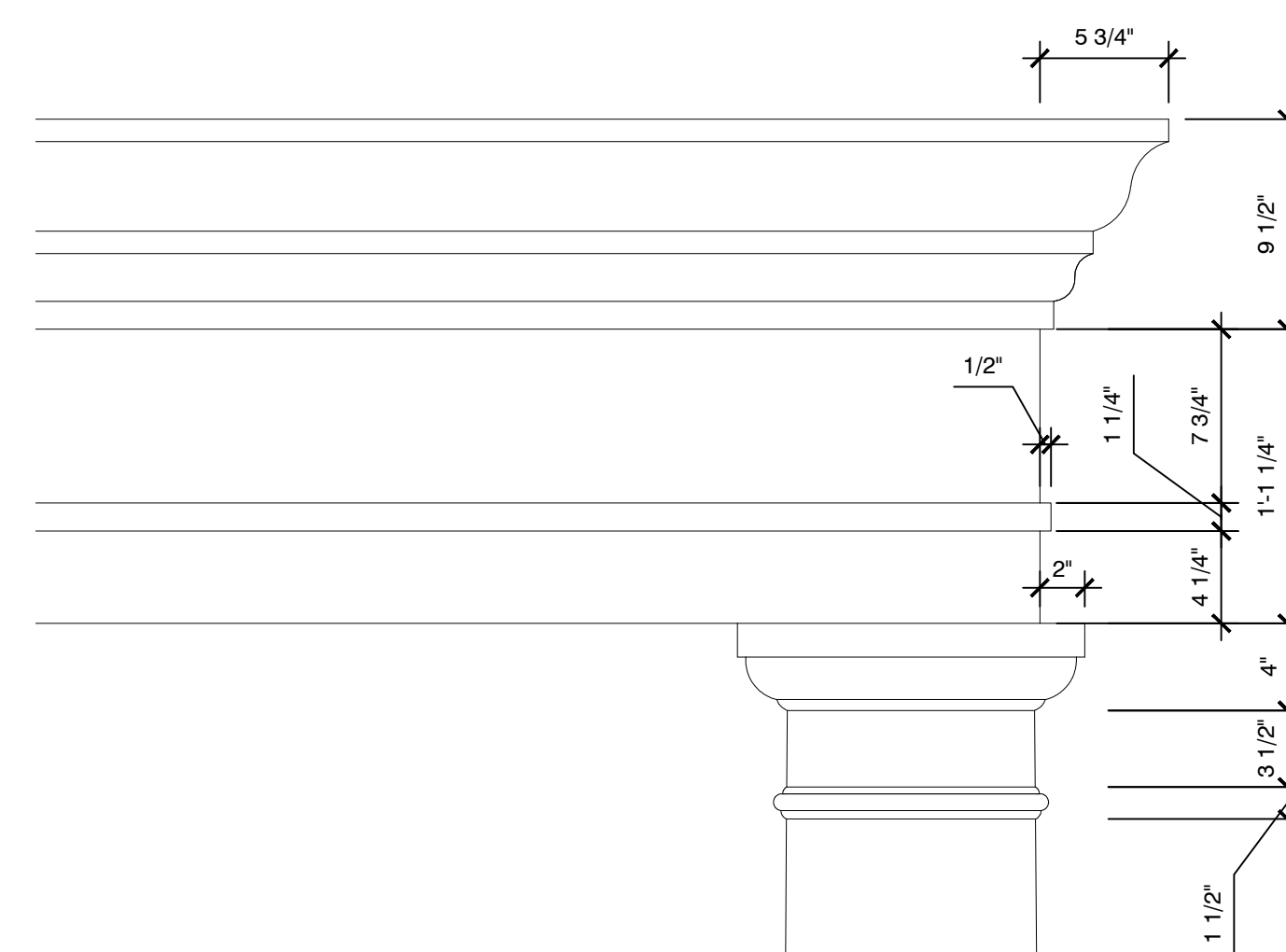
2 TYP. LOGGIA FENESTRATION AND DOOR ELEVATION
1"=1'-0"



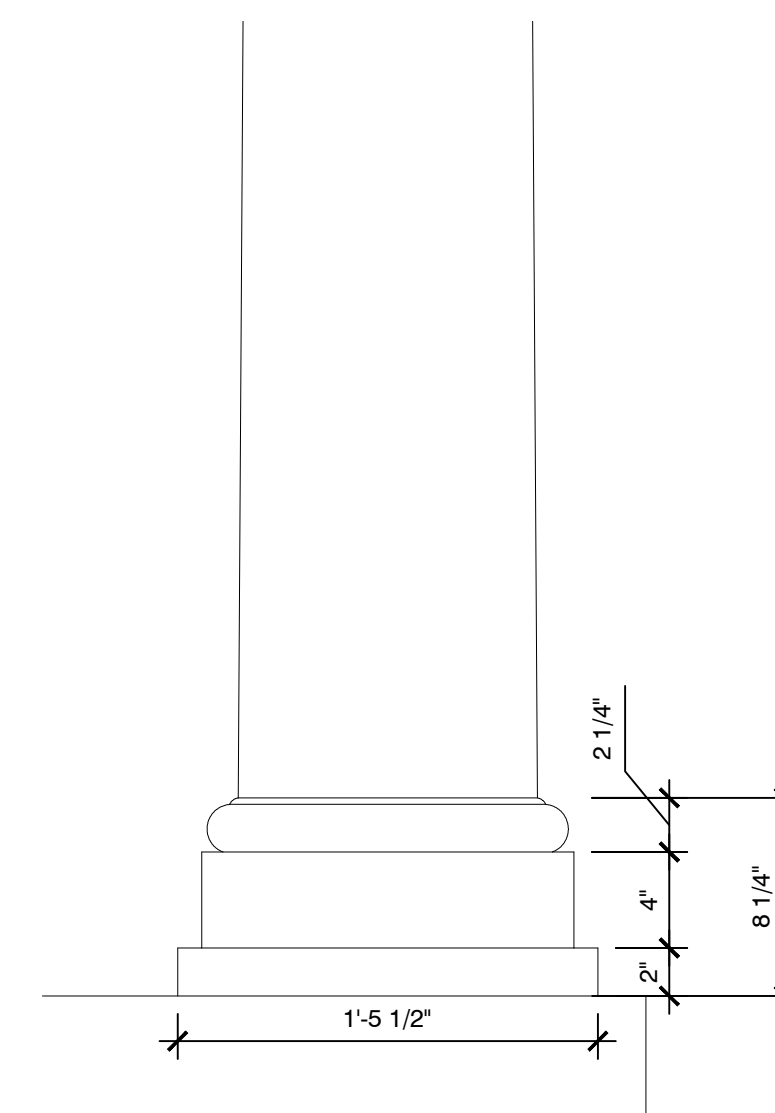
3 TYP. REAR FACADE TOP WALL DETAIL
1"=1'-0"



4 TYP. REAR FACADE BALLUSTRADE SECTION
1 1/2" = 1'-0"



5 TYP. LOGGIA COLUMN CAPITAL ND ENTABLATURE DETAIL
1'-1/2" = 1'-0"



6 TYP. LOGGIA COLUMN BASE DETAIL
1'-1/2" = 1'-0"

VISIONS:

PROJECT:

PRIVATE
RESIDENCE
10 NORTH LAKE WAY
PALM BEACH, FL 33480

FIG. TITLE:

REAR FACADE

ETAILS

AL AND SIGNATURE

TE: JAN 08, 2025

PROJECT No.: -

AS NOTED

WG BY: _____
WK BY: _____

WG No. _____

DETAILS 03

DD FILE No.



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •

FLORIDA AAC

NO. 001285

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PETER G. PAPADOPOULOS
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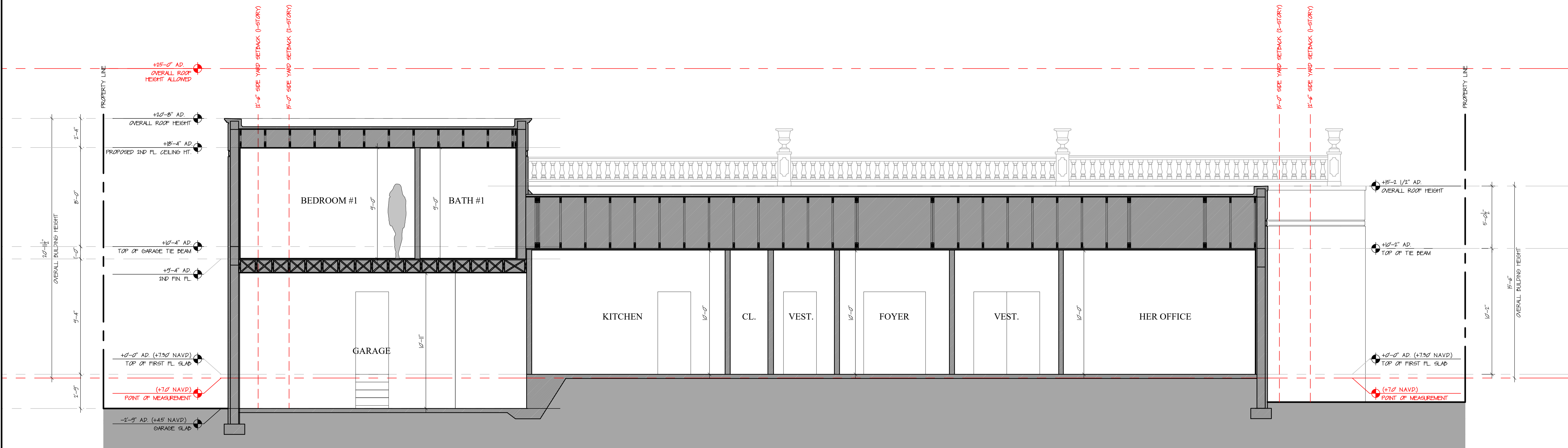
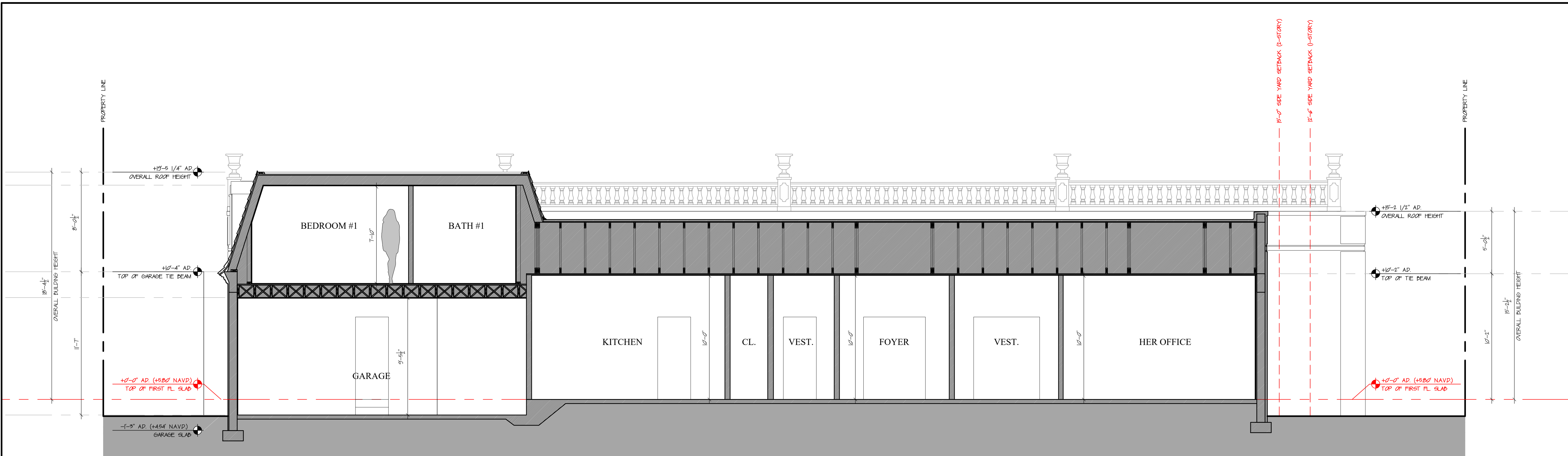
DANIEL KAHAN
REGISTERED ARCHITECT 94757

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NO: -
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SHEET:

S-1

ARC-24-0114 # ZON-24-0092





Town of Palm Beach

Planning Zoning and Building
360 S County Rd
Palm Beach, FL 33480
www.townofpalmbeach.com

Line #	Zoning Legend			
1	Property Address:	1010 N LAKE WAY, PALM BEACH, FL 33480		
2	Zoning District:	R-B		
3	Lot Area (sq. ft.):	18,795 SQ. FT.		
4	Lot Width (W) & Depth (D) (ft.):	110' x 171'		
5	Structure Type: (Single-Family, Multi-Family, Comm., Other)	SINGLE-FAMILY		
6	FEMA Flood Zone Designation:	FLOOD ZONE AE		
7	Zero Datum for point of meas. (NAVD)	7.0'		
8	Crown of Road (COR) (NAVD)	3.87		
9		REQ'D / PERMITTED	EXISTING	PROPOSED
10	Lot Coverage (Sq Ft and %)	5,639 SQ. FT.	5,866 SQ. FT.	6,449 SQ. FT.
11	Enclosed Square Footage (1st & 2nd Fl., Basement, Accs. Structure, etc)	N/A	6,739 SQ. FT.	6,739 SQ. FT.
12	*Front Yard Setback (Ft.)	25'/30'	50'-11"	47'-11"
13	* Side Yard Setback (1st Story) (Ft.)	12'-6"	10'-1 1/2"S/8'-0"N	N/C
14	* Side Yard Setback (2nd Story) (Ft.)	15'-0"	10'-1 1/2"	N/C
15	*Rear Yard Setback (Ft.)	10'/15'	46'-4"	49'-4"
16	Angle of Vision (Deg.)	100 DEG.	N/C	N/C
17	Building Height (Ft.)	22'	17'-7 1/2"	17'-7 1/2"
18	Overall Building Height (Ft.)	25'	18'-4 1/2"	20'-11 1/2"
19	Cubic Content Ratio (CCR) (R-B ONLY)	3.91	3.65	3.79
20	** Max. Fill Added to Site (Ft.)	1.57'	N/A	N/A
21	Finished Floor Elev. (FFE)(NAVD)	7.0'	5.8'	7.3'
22	Base Flood Elevation (BFE)(NAVD)	7.0'	N/C	N/C
23	Landscape Open Space (LOS) (Sq Ft and %)	8,458 SQ. FT. (45%)	8,020 SQ. FT. (42.67%)	8,502 SQ. FT. (45.24%)
24	Perimeter LOS (Sq Ft and %)	4,229 SQ. FT.	4,181 SQ. FT.	4,458 SQ. FT. (52.71%)
25	Front Yard LOS (Sq Ft and %)	1,091.6 SQ. FT. (40%)	1,879 SQ. FT.	1,354 SQ. FT. (49.61%)
26	*** Native Plant Species %	Please refer to TOPB Landscape Legend.		

* Indicate each yard area with cardinal direction
(N,S,E,W)

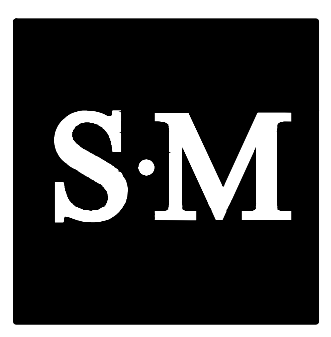
** Difference of Fin. Floor Elev. (FFE) and
highest Crown of Rd (COR) divided by two. (FFE -
COR) / 2 = Max. Fill [\(Sec. 134-1600\)](#)

*** Provide Native plant species info per
category as required by [Ord. 003-2023](#) on
separate TOPB Landscape Legend

Enter N/A if value is not applicable.

Enter N/C if value is not changing.

REV BF 20230626



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •
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FLORIDA AAC

NO. 001285

HAROLD J. SMITH
REGISTERED ARCHITECT 8742

JONATHAN C. MOORE
REGISTERED ARCHITECT 13541

PETER G. PAPADOPOULOS
REGISTERED ARCHITECT 92952

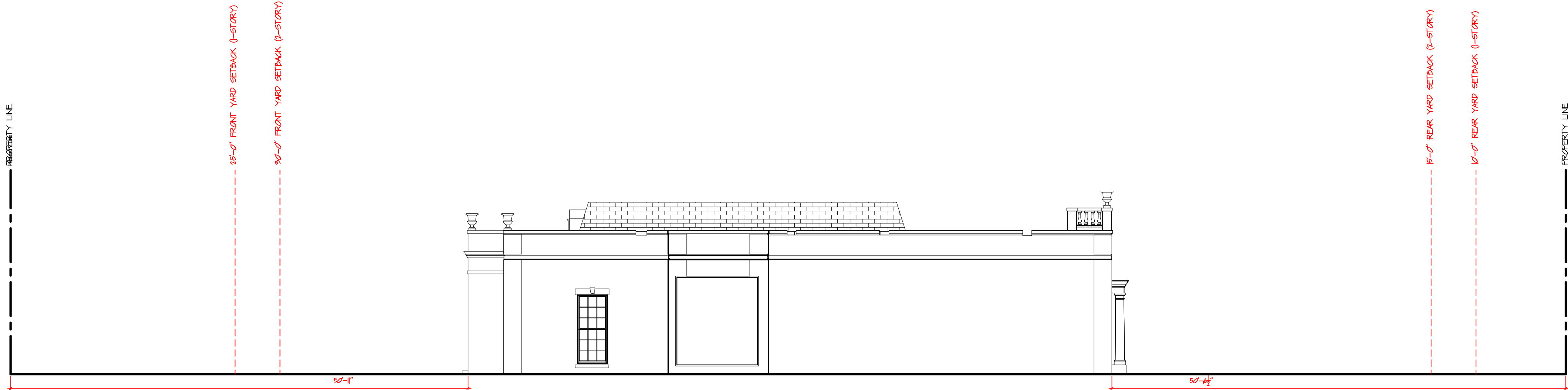
DANIEL KAHAN
REGISTERED ARCHITECT 94757

PRE-APP SUBMITTAL	2024-11-04
FIRST SUBMITTAL	2024-11-26
SECOND SUBMITTAL	2024-12-16
FINAL SUBMITTAL	2025-01-09

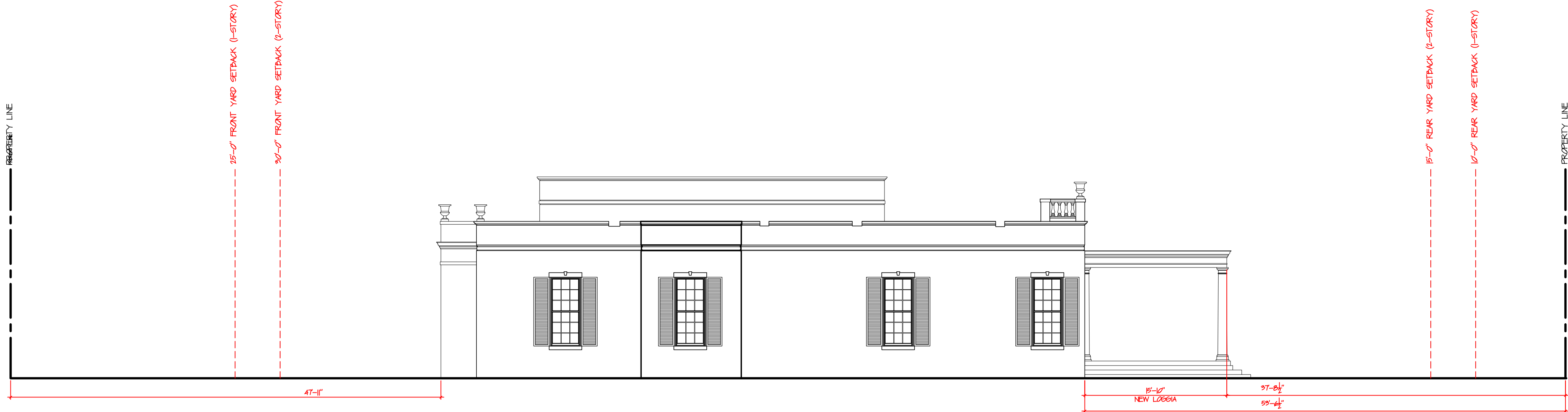
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DWG. BY: PGP/VMT
SHEET:

EL-5

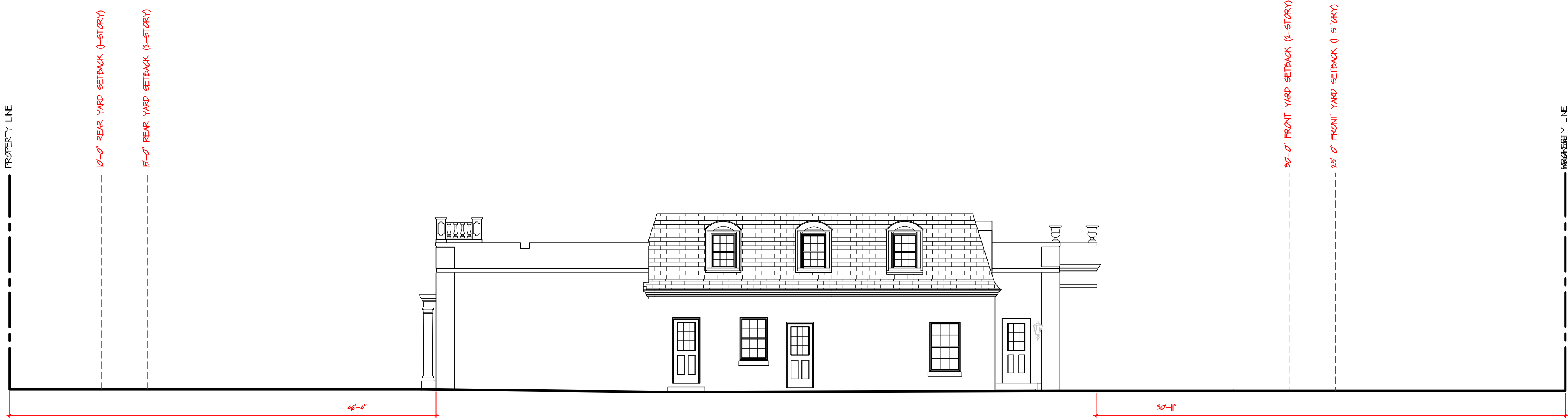
ARC-24-0114 # ZON-24-0092



EXISTING
NORTH ELEVATION DIAGRAM
SCALE: 1/8" = 1'-0"

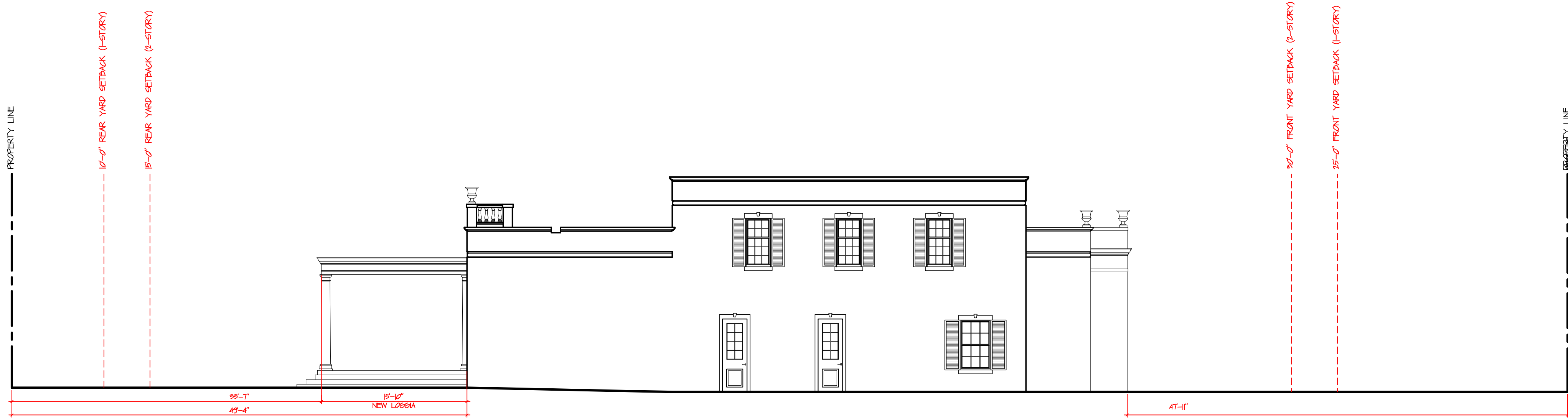


PROPOSED
NORTH ELEVATION DIAGRAM
SCALE: 1/8" = 1'-0"



EXISTING
SOUTH ELEVATION DIAGRAM

SCALE: 1/8" = 1'-0"



PROPOSED
SOUTH ELEVATION DIAGRAM

SCALE: 1/8" = 1'-0"



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH

SMITH AND MOORE ARCHITECTS, INC.
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FLORIDA AAC

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PRE-APP SUBMITTAL	2024-11-01
FIRST SUBMITTAL	2024-11-26
SECOND SUBMITTAL	2024-12-16
FINAL SUBMITTAL	2025-01-09

NO: -
DWG. BY: PGP/VMT
SHEET:

EL-6



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
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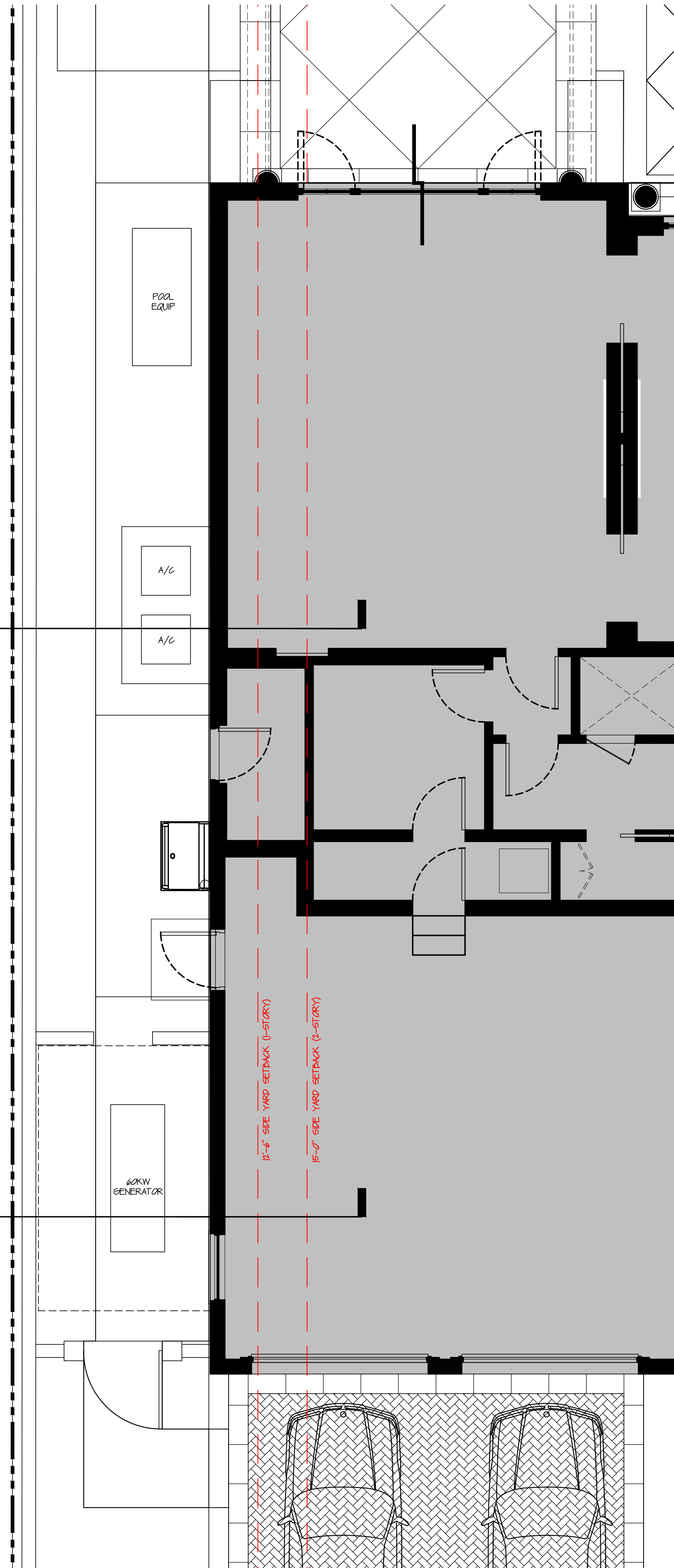
DANIEL KAHAN
REGISTERED ARCHITECT 94757

PRE-APP SUBMITTAL 2024-11-04
FIRST SUBMITTAL 2024-11-26
SECOND SUBMITTAL 2024-12-16
FINAL SUBMITTAL 2025-01-09

NO: -
DWG. BY: PGP/VMT
SHEET:

SP-1A

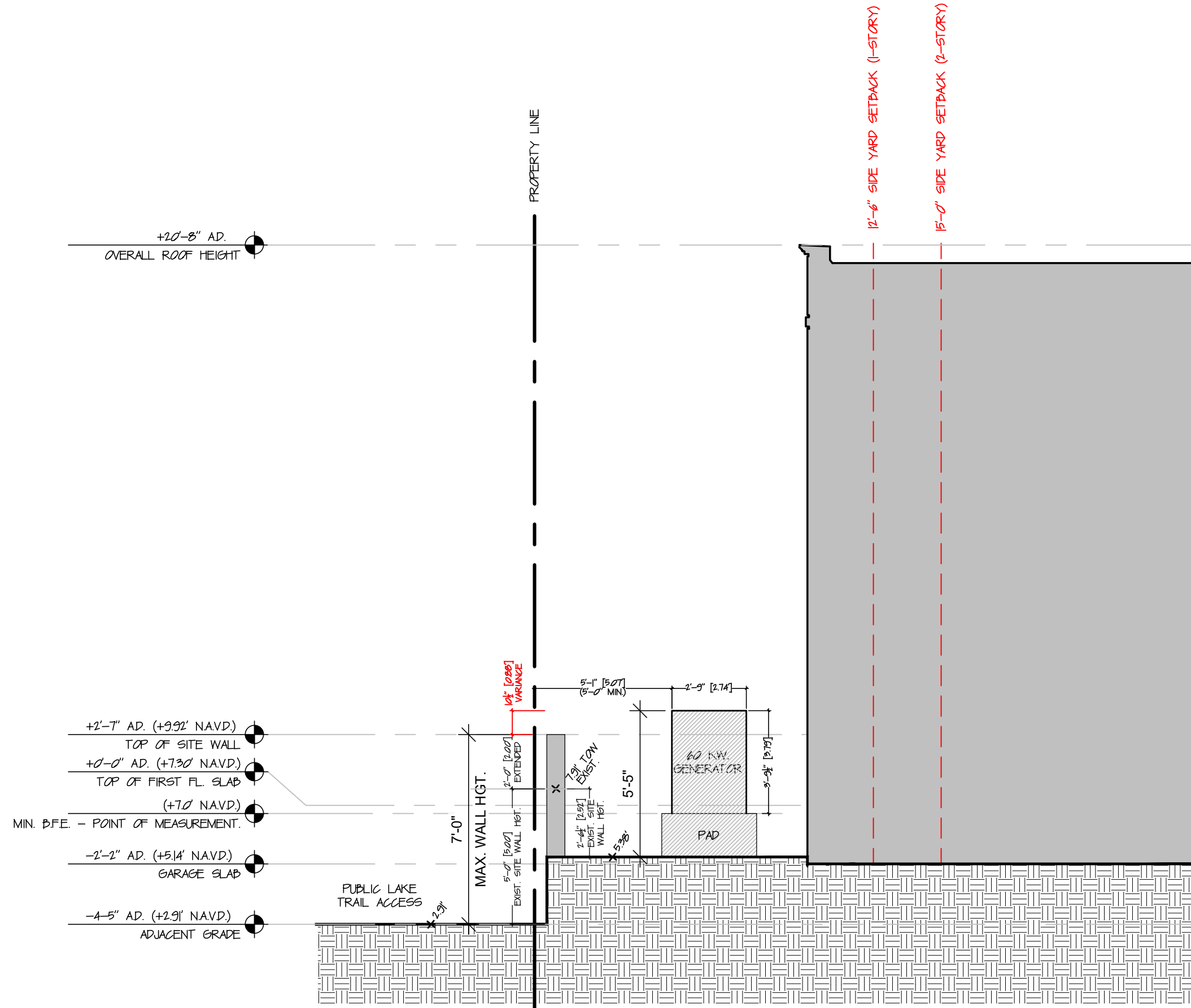
ARC-24-0114 # ZON-24-0092



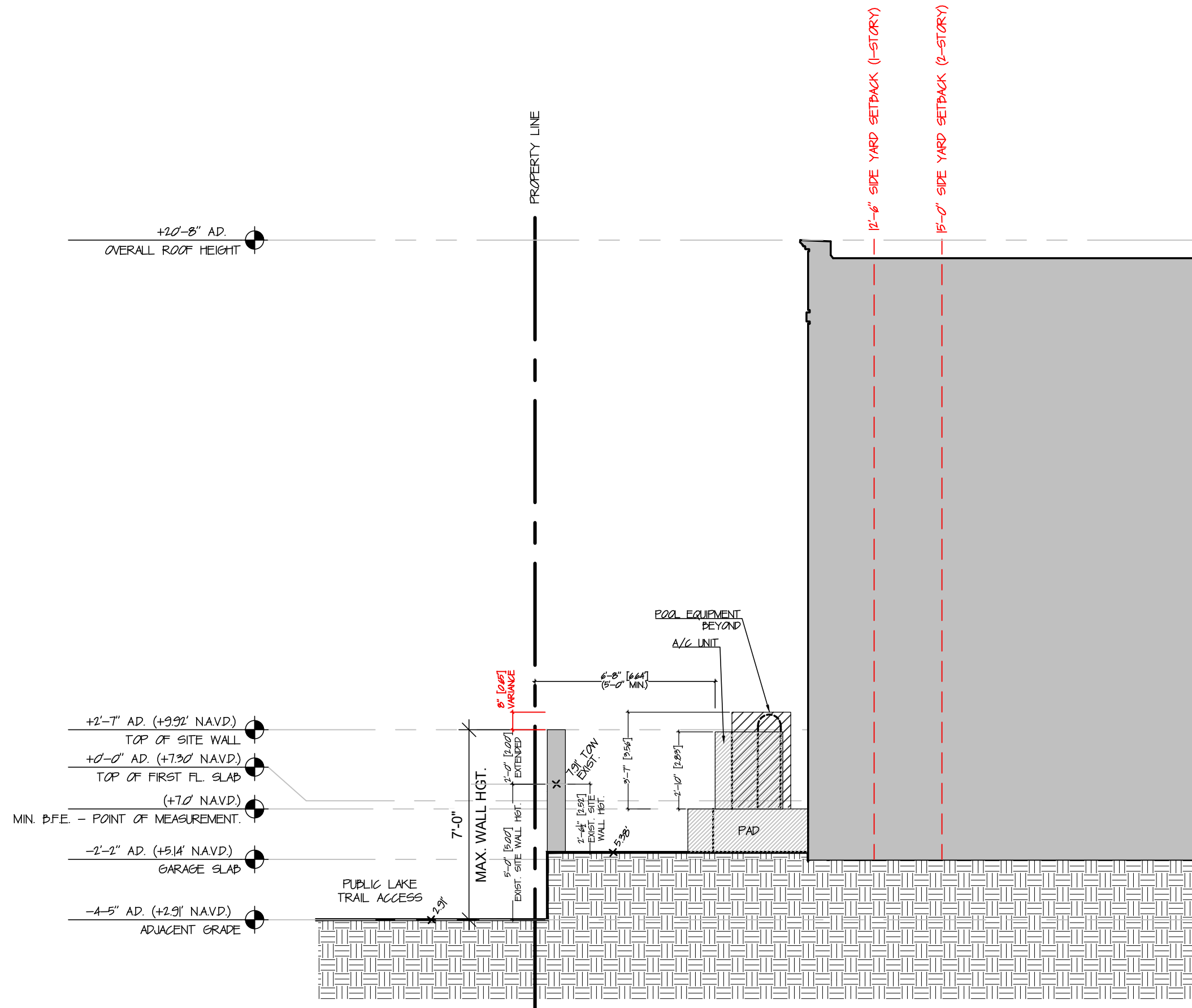
PROPOSED
EQUIP. YARD PLAN
SCALE: 1/4"=1'-0"

2
SP-1A

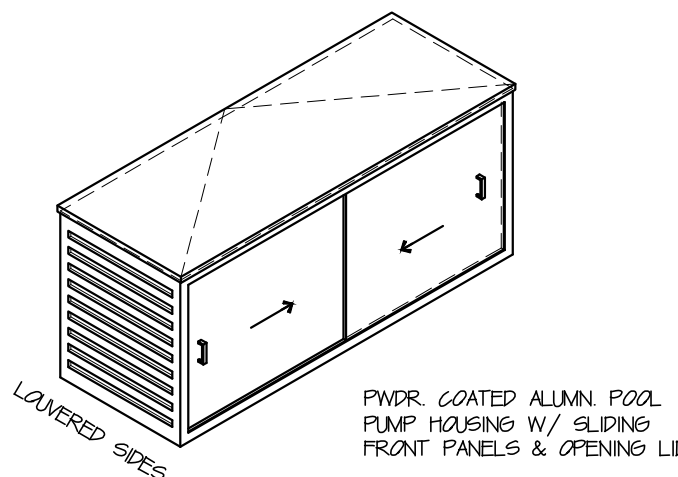
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SP-1A



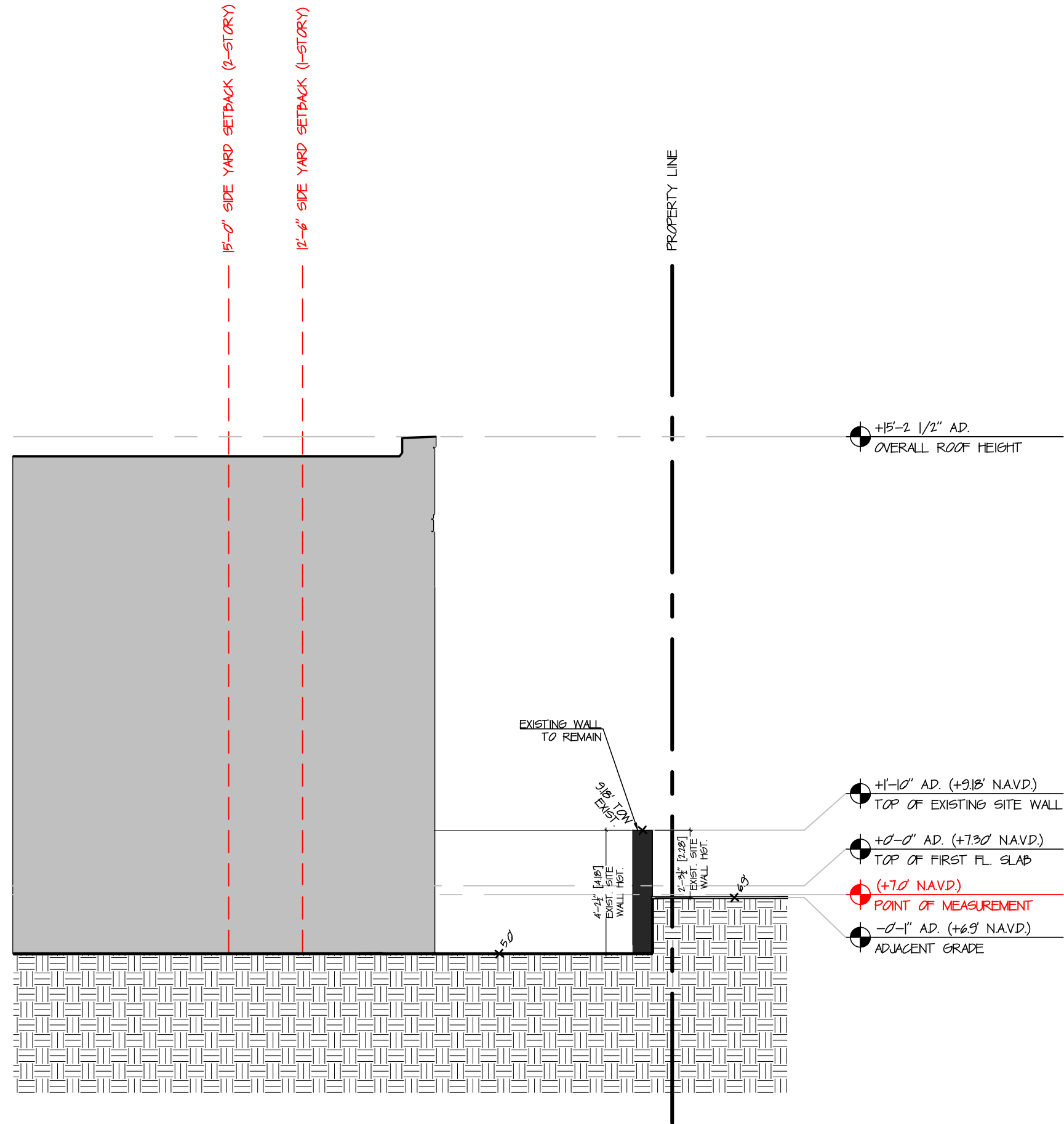
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PROPOSED
SITE SECTION
SCALE: 1/4"=1'-0"



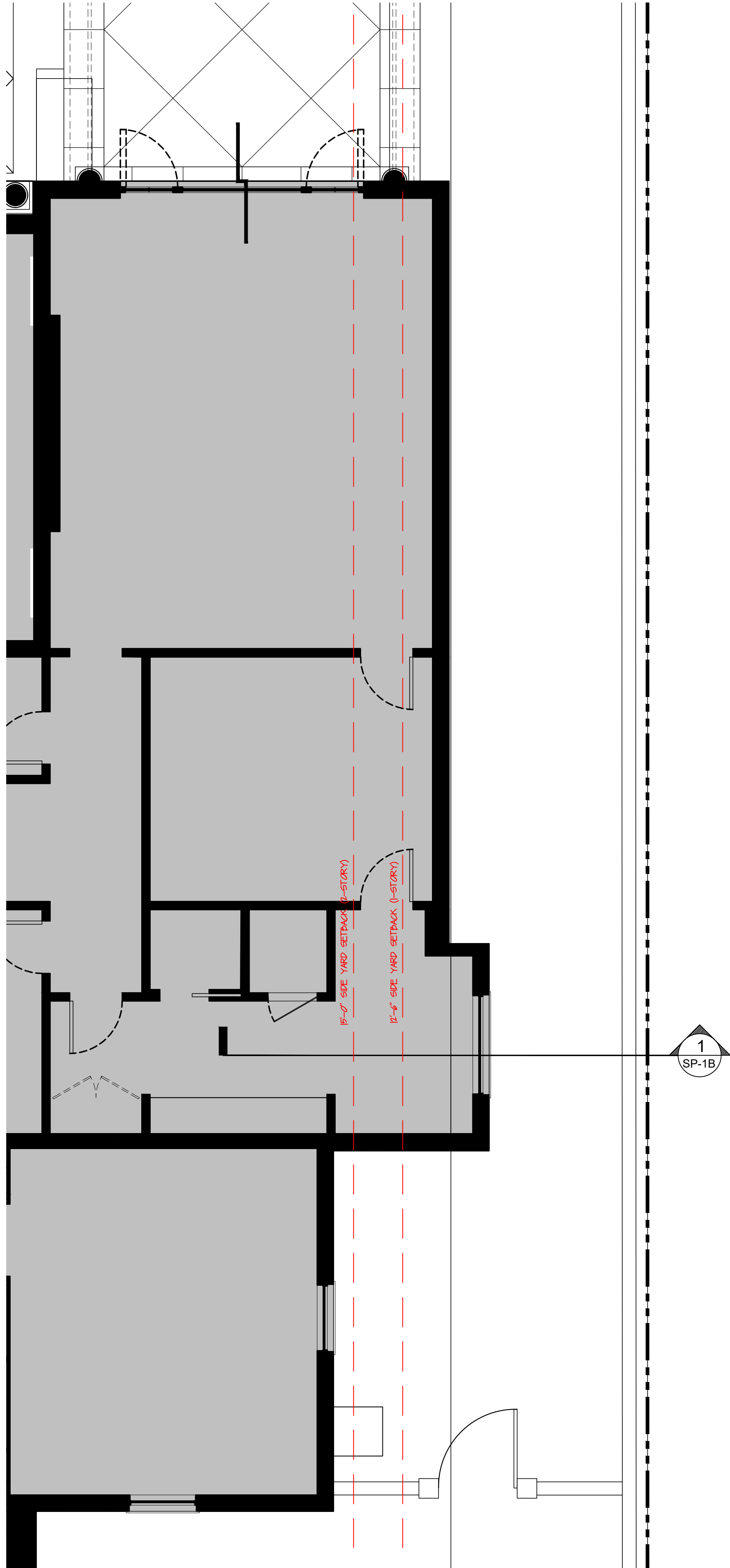
2
PROPOSED
SITE SECTION
SCALE: 1/4"=1'-0"



ISOMETRIC OF POOL PUMP ENCLOSURE
N.T.S.



PROPOSED
1 SITE SECTION
SCALE: 1/4"=1'-0"



PROPOSED
EQUIP. YARD PLAN
SCALE: 1/4"=1'-0"

ARC-24-0114 # ZON-24-0092

NO: -
DWG. BY: PGP/VMT
SHEET:

SP-1B

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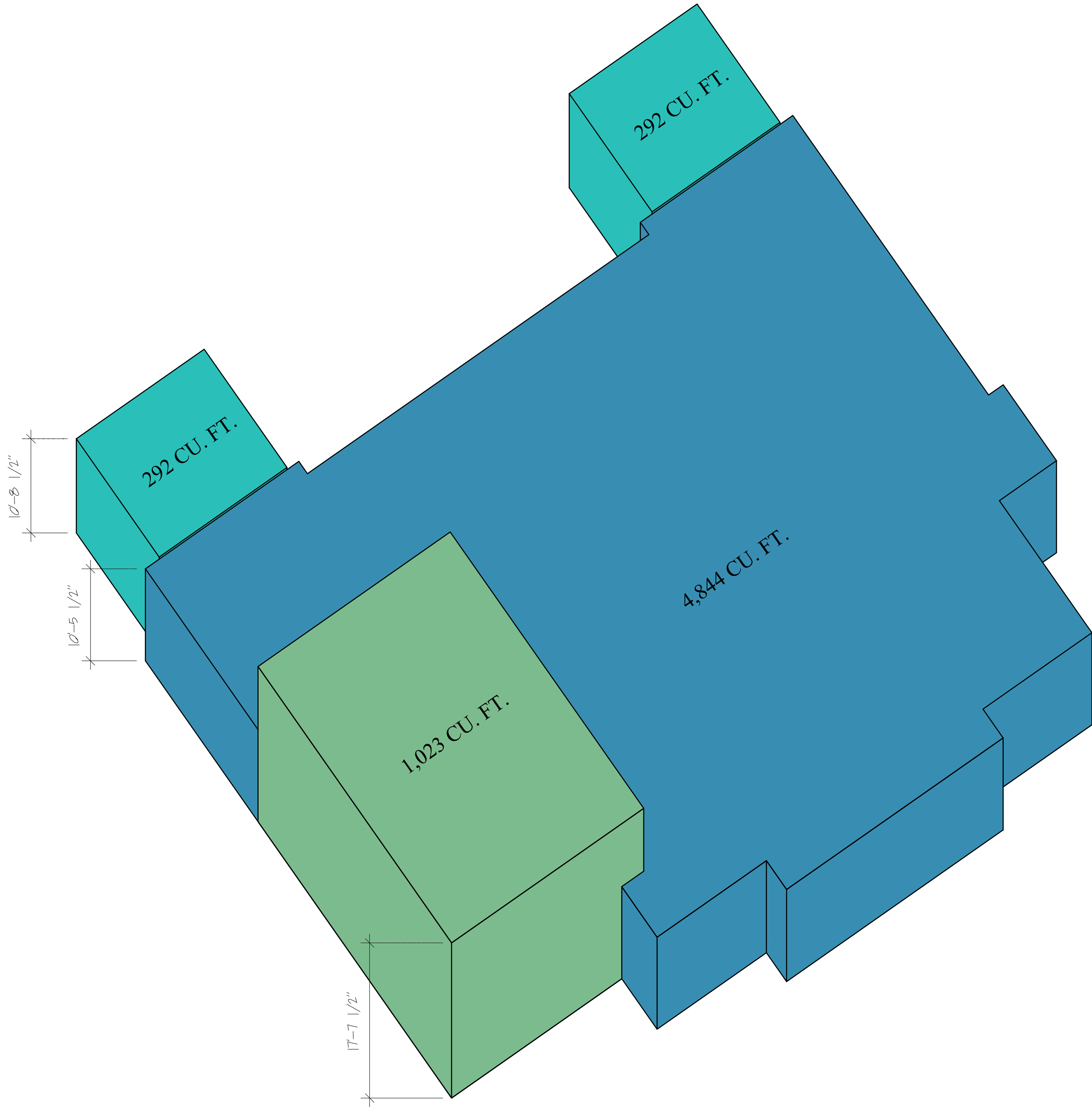
DANIEL KAHAN
REGISTERED ARCHITECT 94757

PRE-APP SUBMITTAL	2024-11-01
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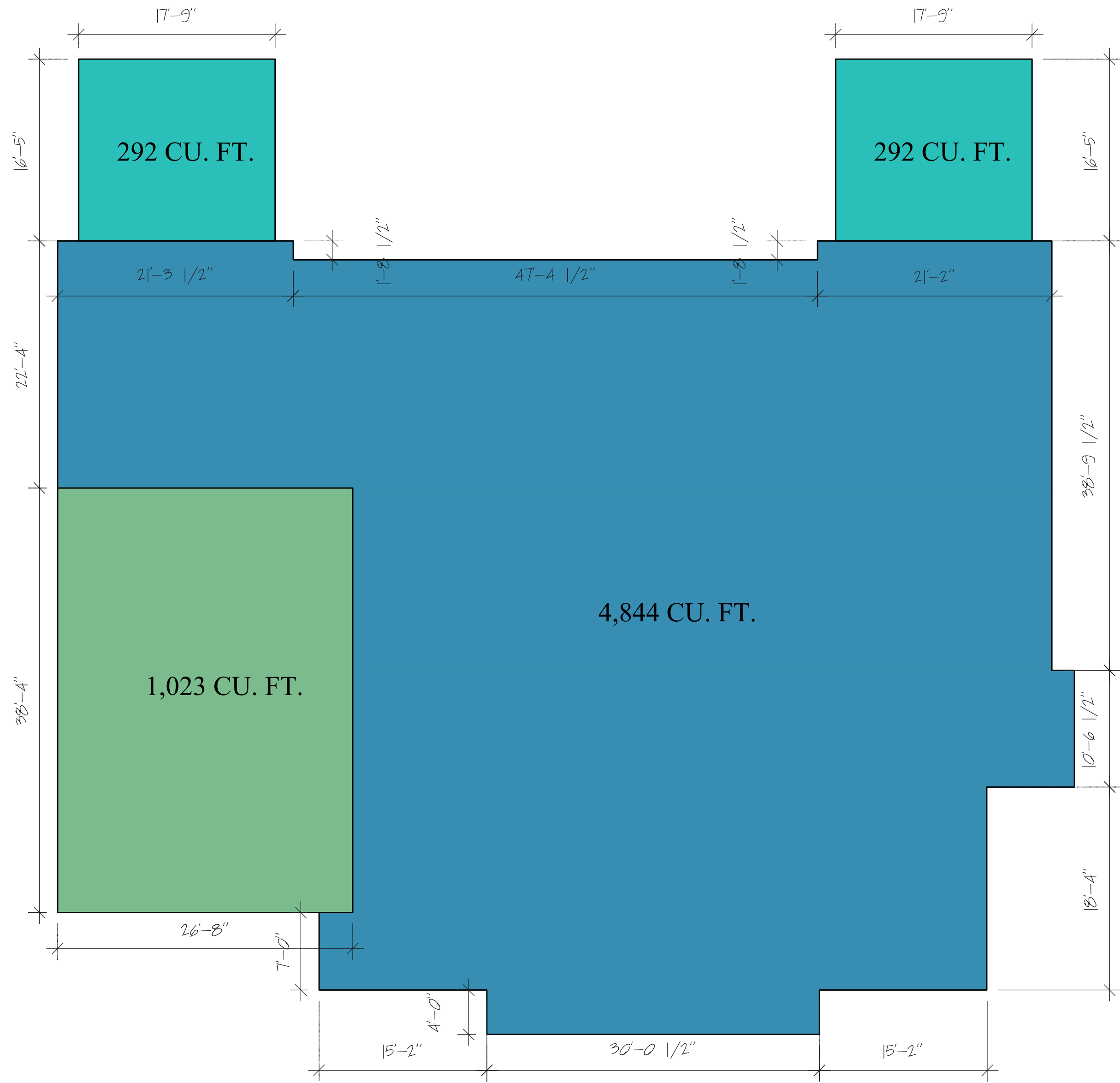
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CUBIC CONTENT AXONOMETRIC

SCALE: 1/8"=1'-0"



CUBIC CONTENT PLAN DIAGRAM

SCALE: 1/8"=1'-0"

PROPOSED CUBIC CONTENT RATIO CALCULATION:			
LOT AREA:		18,795 SQ. FT.	
MAXIMUM ALLOWABLE LOT COVERAGE (2-STORY): (30%)		5,639 SQ. FT.	
EXISTING LOT COVERAGE:		5,866 SQ. FT.	
PROPOSED LOT COVERAGE:		6,449 SQ. FT.	
ALLOWABLE: CCR = 3.91		73,488 CU. FT.	
NOTE: ALL HEIGHTS TAKEN FROM 7.0' N.A.V.D. POINT OF MEASUREMENT			
2-STORY VOLUME		(1,023 SQ. FT. x 17'-7 1/2" HEIGHT)	18,027 CU. FT.
1-STORY VOLUME		(4,844 SQ. FT. x 10'-5 1/2" HEIGHT)	50,667 CU. FT.
LOGGIAS		(583 SQ. FT. x 10'-8 1/2" HEIGHT)	6,235 CU. FT.
TOTAL PROPOSED:		74,929 CU. FT.	
TOTAL PROPOSED - LOGGIA CREDIT (5% MAXIMUM):		71,255 CU. FT.	
TOTAL CUBIC CONTENT RATIO: (CUBIC CONTENT / LOT AREA) =		71,255 CU. FT. / 18,795 SQ. FT. = 3.79 CCR	



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PRE-APP SUBMITTAL 2024-11-04
FIRST SUBMITTAL 2024-11-26
SECOND SUBMITTAL 2024-12-16

NO: -
DWG. BY: PGP/VMT
SHEET:

CCR-1

ARCOM # ARC - 24 - 0114



ALTERATIONS FOR
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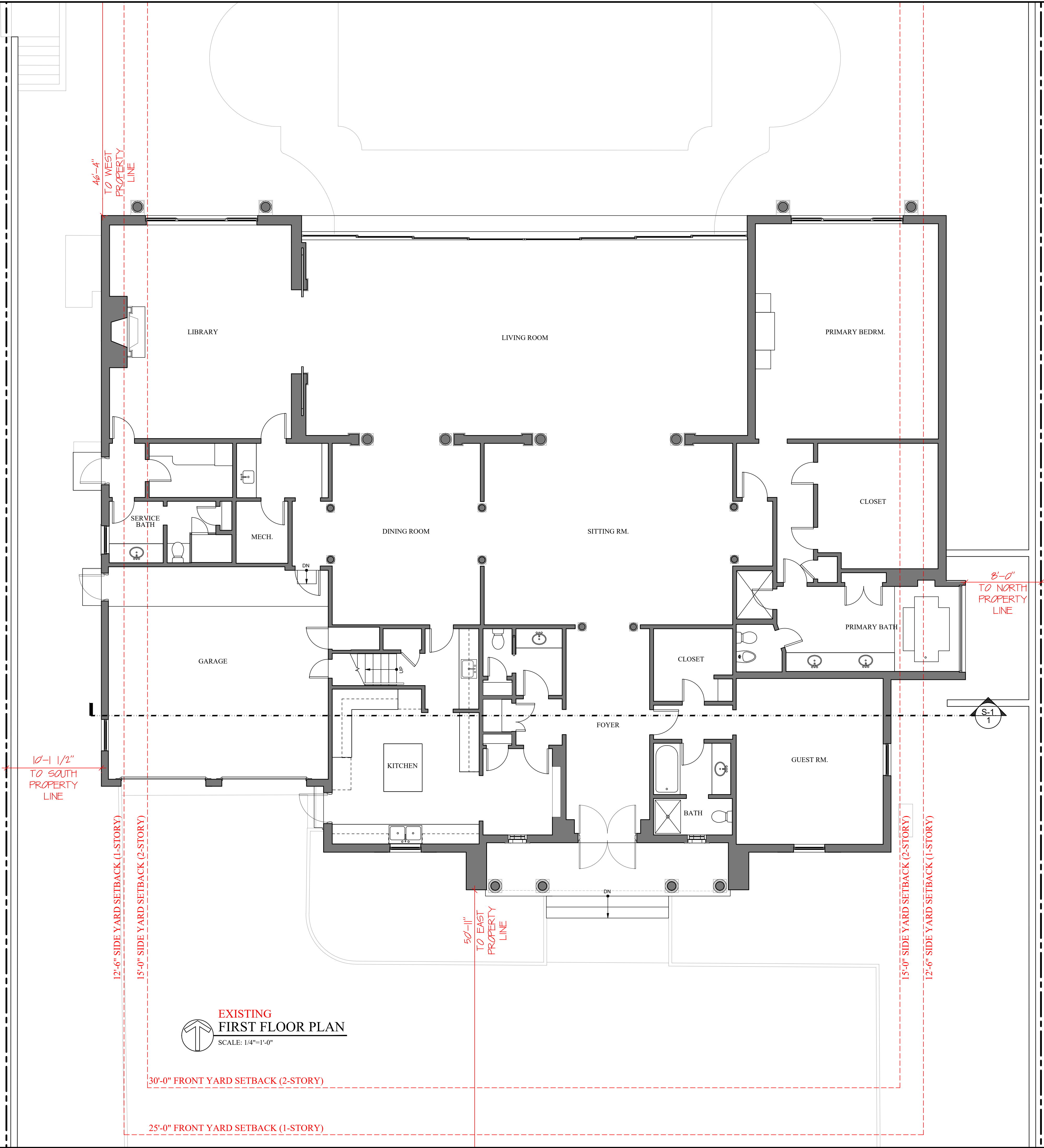
DANIEL KAHAN
REGISTERED ARCHITECT 94757

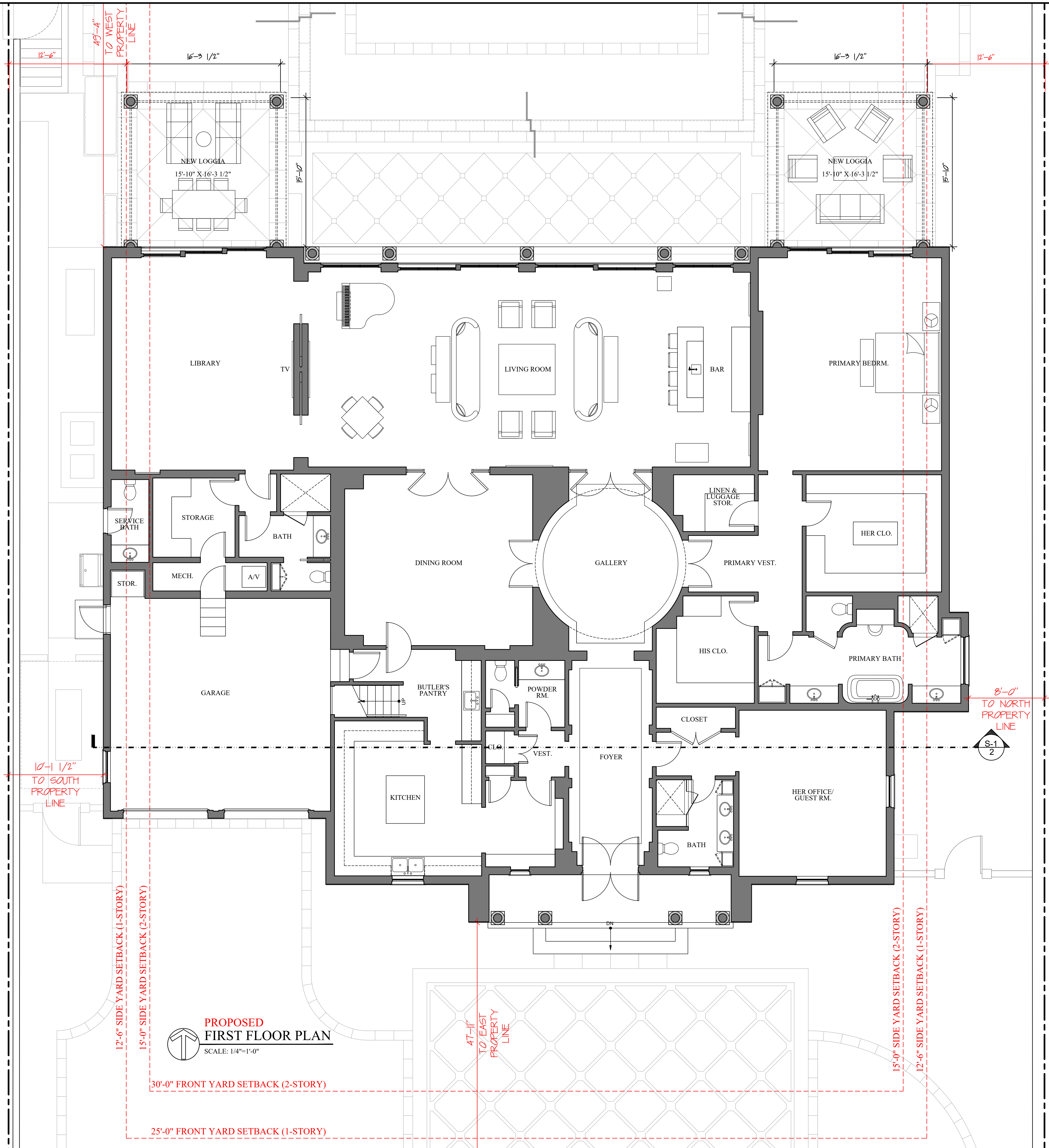
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FIRST SUBMITTAL	2024-11-26
SECOND SUBMITTAL	2024-12-16
FINAL SUBMITTAL	2025-01-09

NO: -
DWG. BY: PGP/VMT
SHEET:

FP-1

ARC-24-0114 # ZON-24-0092





ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH

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FINAL SUBMITTAL	2025-01-09

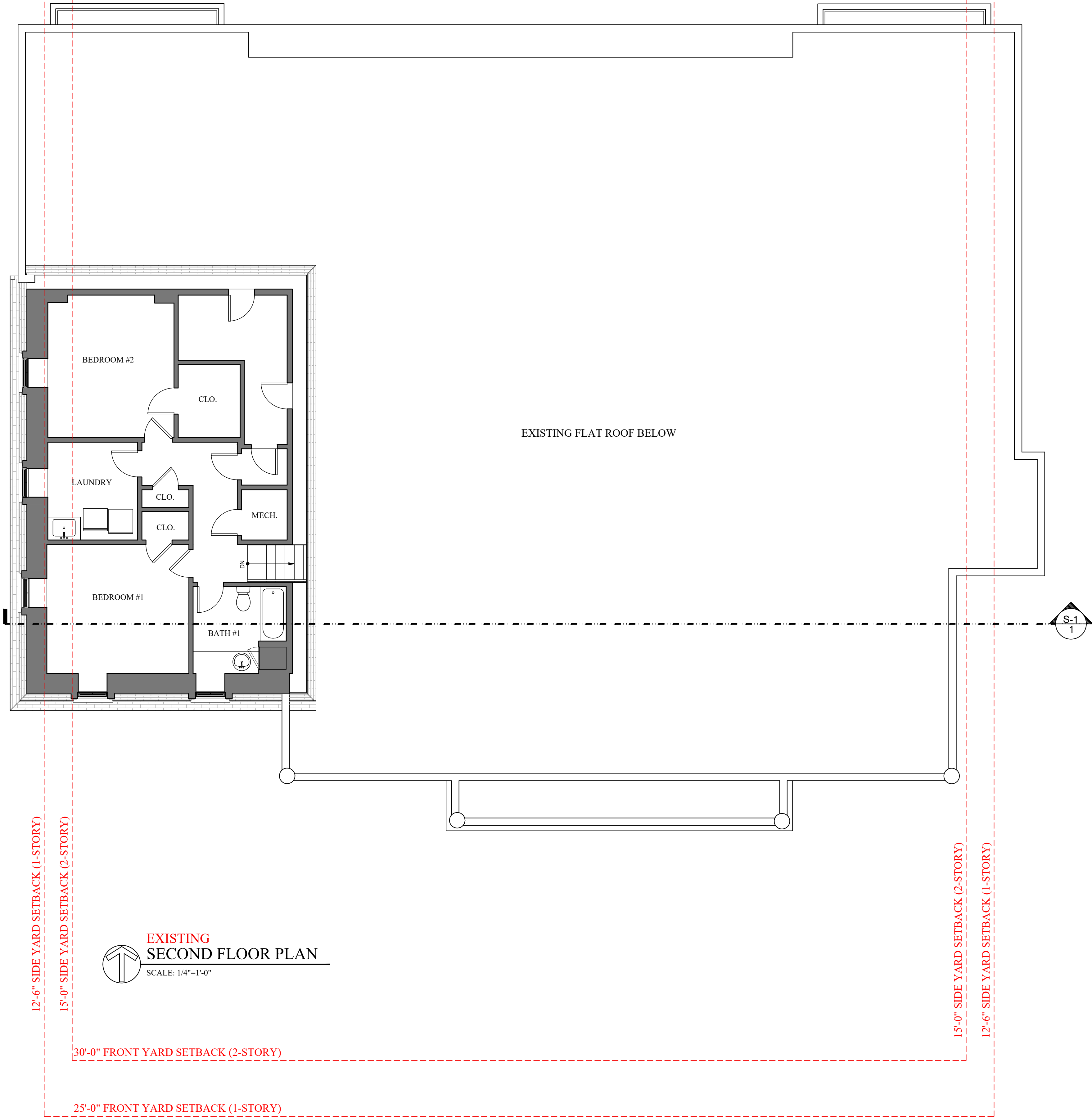
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DWG. BY: PGP/VMT

SHEET:

FP-3

ARC-24-0114 # ZON-24-0092



EXISTING
SECOND FLOOR PLAN
SCALE: 1/4"=1'-0"



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •

FLORIDA AAC
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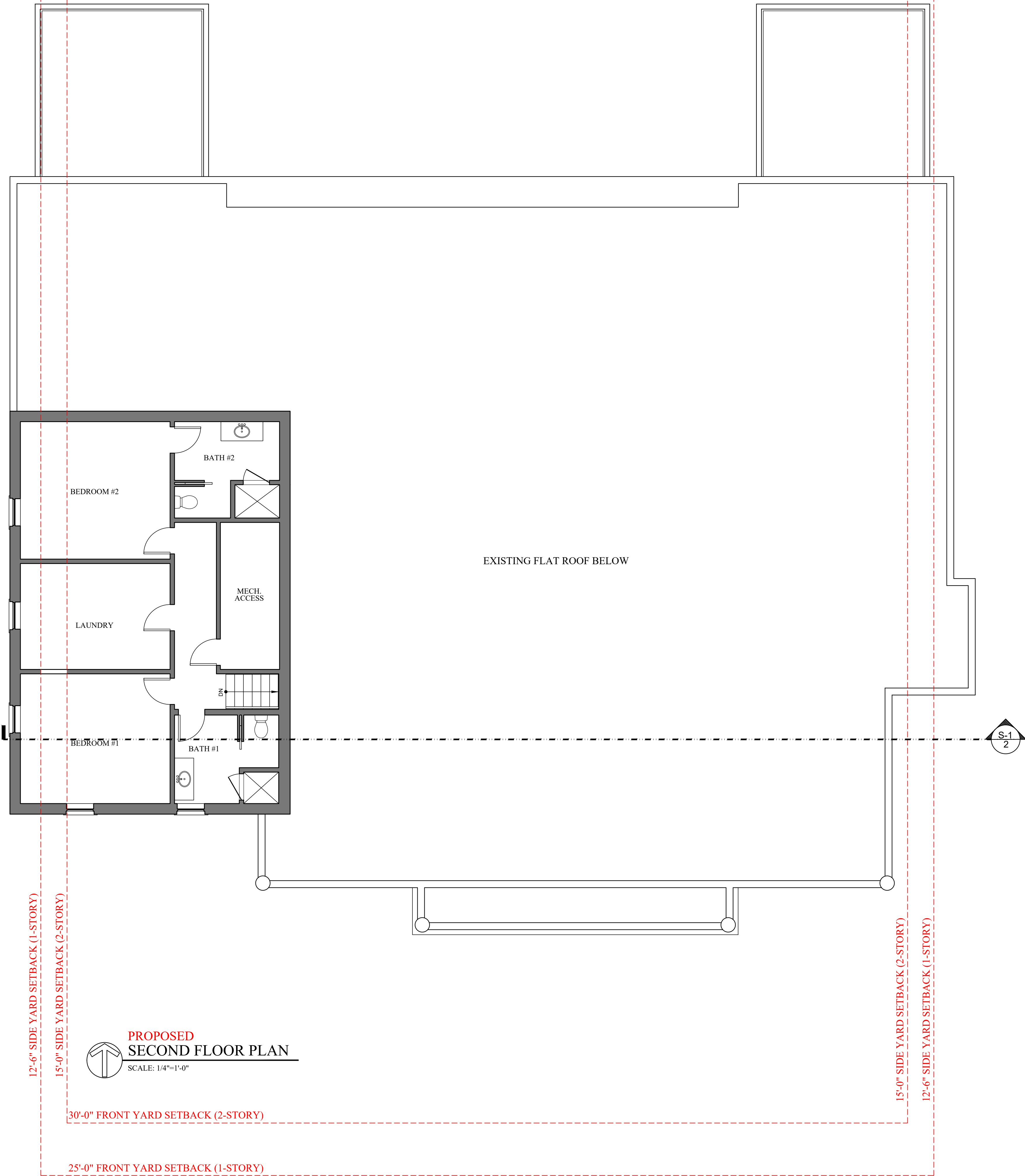
DANIEL KAHAN
REGISTERED ARCHITECT 94757

PRE-APP SUBMITTAL	2024-11-01
FIRST SUBMITTAL	2024-11-26
SECOND SUBMITTAL	2024-12-16
FINAL SUBMITTAL	2025-01-09

NO: -
DWG. BY: PGP/VMT
SHEET:

FP-2

ARC-24-0114 # ZON-24-0092



**PROPOSED
SECOND FLOOR PLAN**
SCALE: 1/4"=1'-0"



ALTERATIONS FOR
1010 NORTH LAKE TRUST
1010 NORTH LAKE WAY, PALM BEACH
SMITH AND MOORE ARCHITECTS, INC.
• 1500 SOUTH OLIVE AVENUE WEST PALM BEACH, FLORIDA 33401 • TEL (561) 835-1888 FAX (561) 832-7015 •

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NO: -
DWG. BY: PGP/VMT
SHEET:

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ARC-24-0114 # ZON-24-0092



MARIO F. NIEVERA

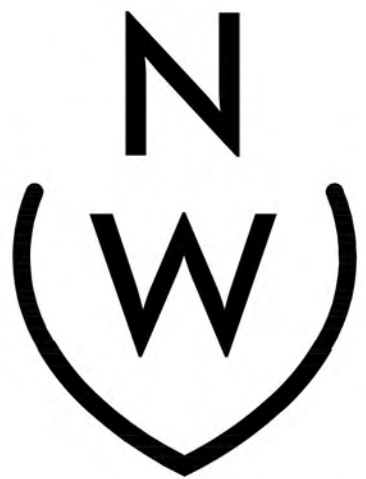
State of Florida
Landscape Architect
Registration No.
6666856

SITE PLAN
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

30 AUGUST 2024

SCALE: 1/8" = 1'-0"



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
Suite 502
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

Lo

ARC-24-0114

State of Florida
Landscape Architect
Registration No.
6666856

1010 N. LAKE WAY, PALM BEACH, FLORIDA

3 DECEMBER 2024

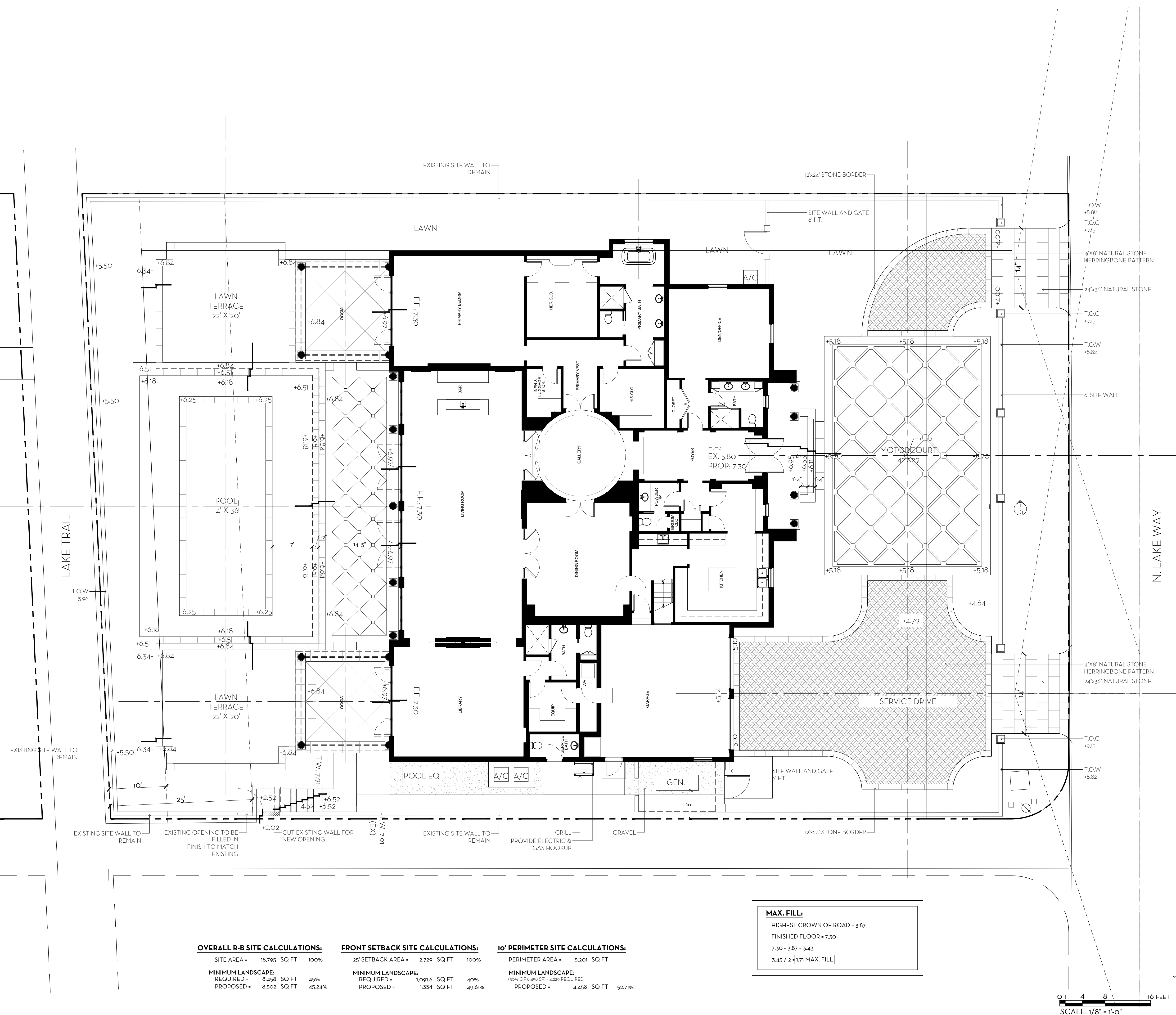
SCALE: 1/8" = 1'-0"



625 N. Flagler Drive
Suite 502
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

L

ARC-24-0114





LIMESTONE AND TABBY CONCRETE

MARIO F. NIEVERA

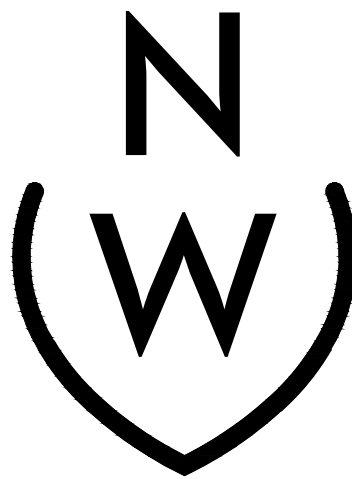
State of Florida
Landscape Architect
Registration No.
6666856

MATERIALS PLAN
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

13 DECEMBER 2024

SCALE: 1/8" = 1'-0"



NIEVERA WILLIAMS
DESIGN

625 N. Flagler Drive
Suite 502
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

NIEVERAWILLIAMS.COM

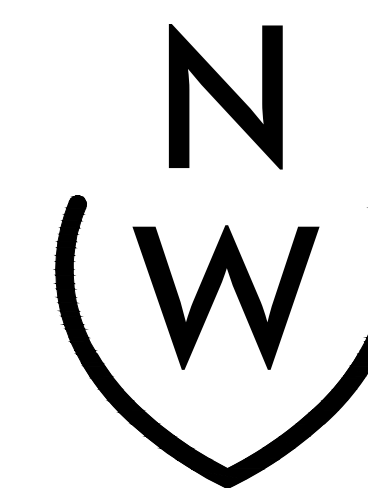
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State of Florida
Landscape Architect
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6666856

1010 N. LAKE WAY, PALM BEACH, FLORIDA

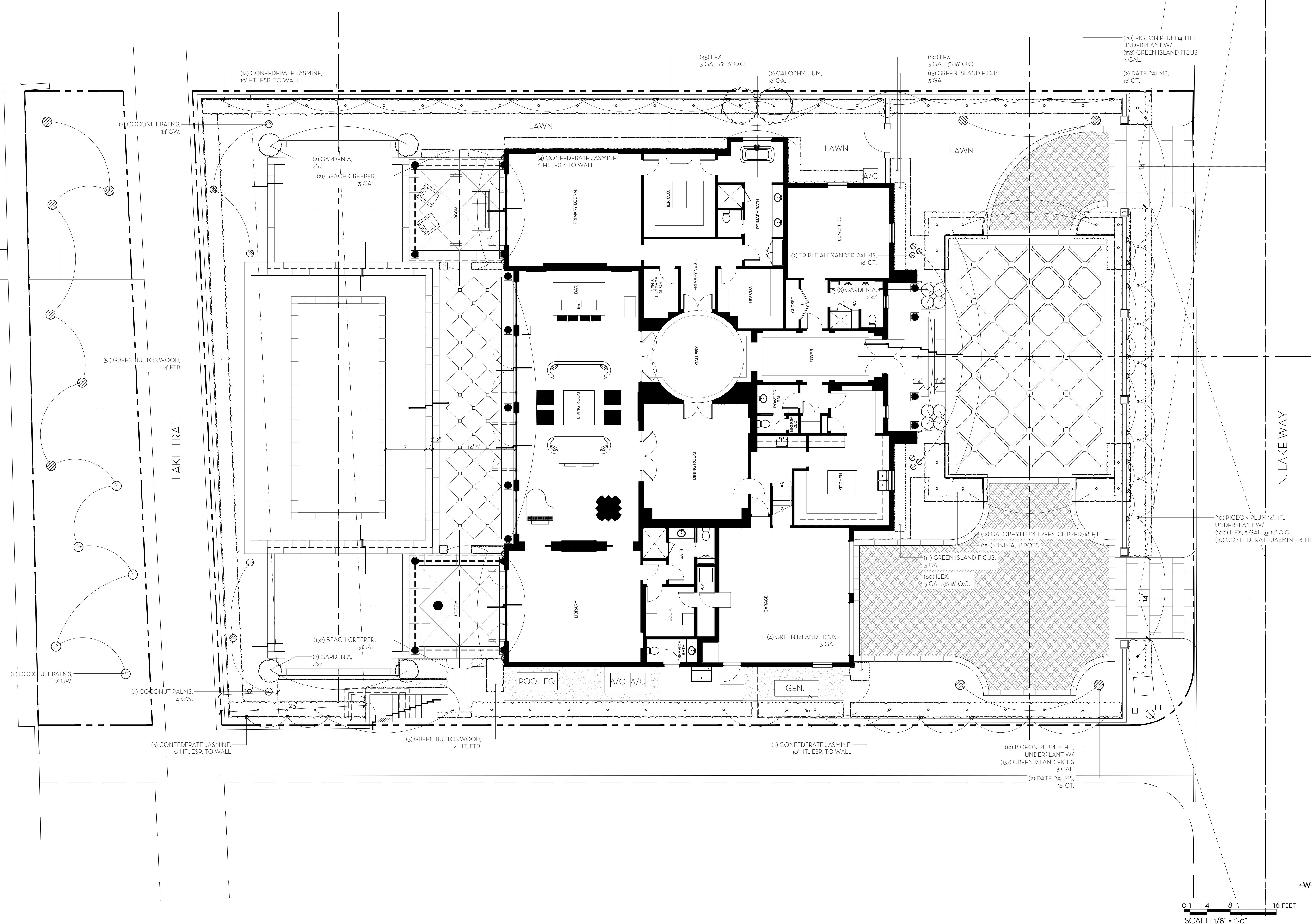
13 DECEMBER 2024

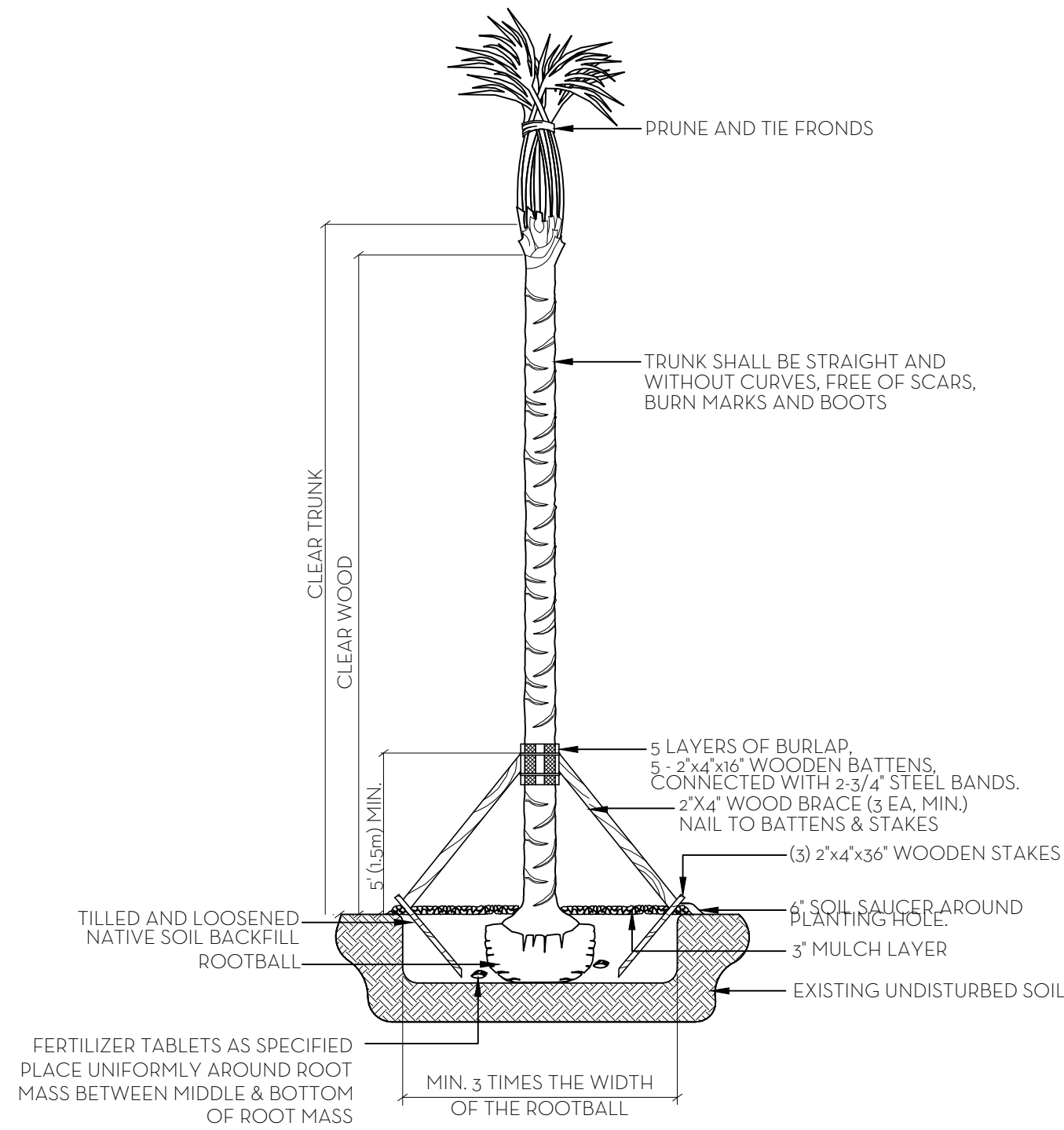
$$\text{SCALE} \cdot 1/8'' = 1'-0''$$


625 N. Flagler Drive
Suite 502
West Palm Beach, FL 33401
P: 561-659-2820
F: 561-659-2113

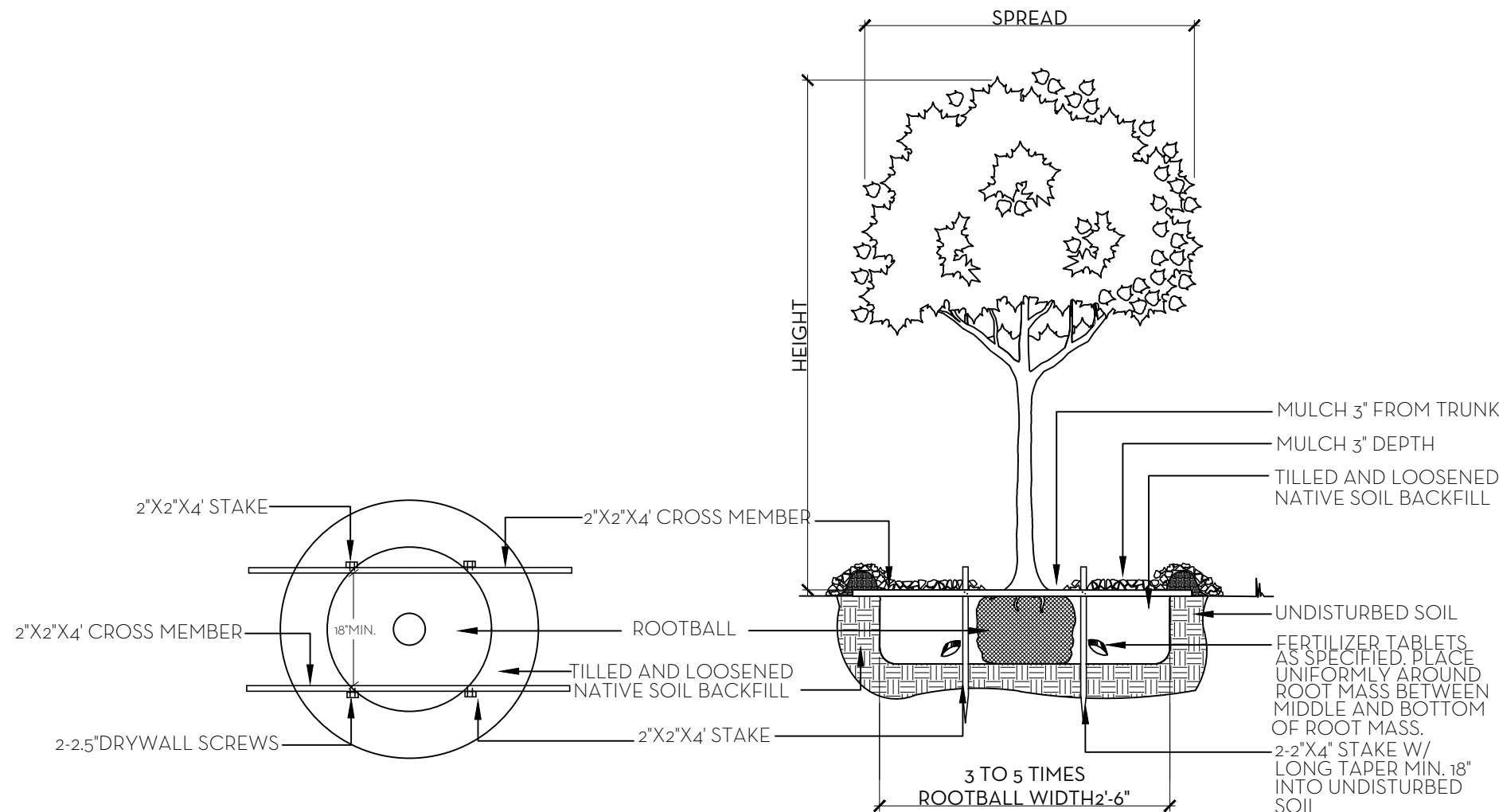
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ARC-24-0114



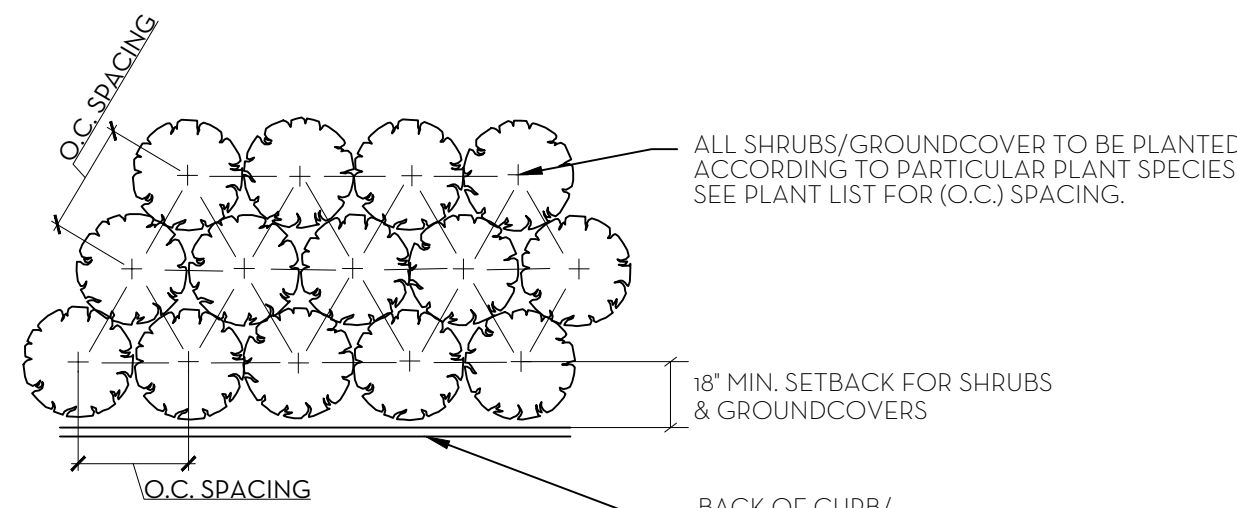


PALM PLANTING DETAIL
N.T.S.

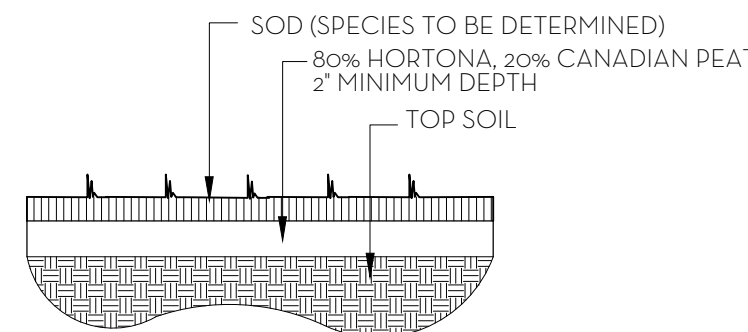


TREE PLANTING DETAIL
N.T.S.

- SOD NOTES:
1. ROUGH GRADE PROVIDED BY CONTRACTOR 4'-5" BELOW GRADE
 2. BAKE AND REMOVE ALL CONSTRUCTION DEBRIS
 3. PRIOR TO LAYING SOD ADD 80% HORTANA AND 20% CANADIAN PEAT, 2" MIN.
 4. AFTER LAYING SOD APPLY NECESSARY PESTICIDES AND FUNGICIDES.
 5. IRRIGATE REGULARLY, REFER TO IRRIGATION DRAWINGS



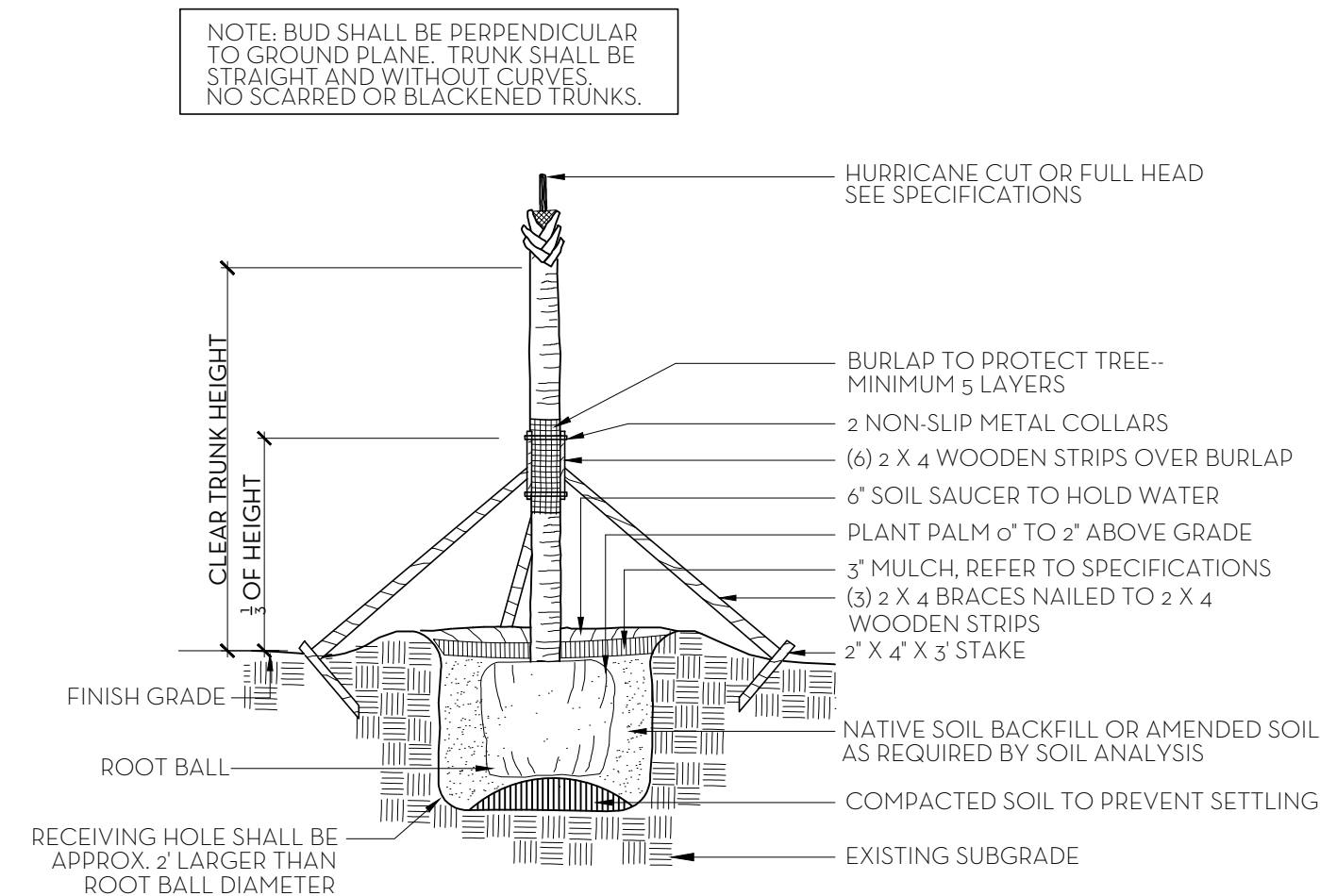
SHRUB & GROUNDCOVER PLANTING DETAIL
N.T.S.



SOD PLANTING DETAIL
N.T.S.

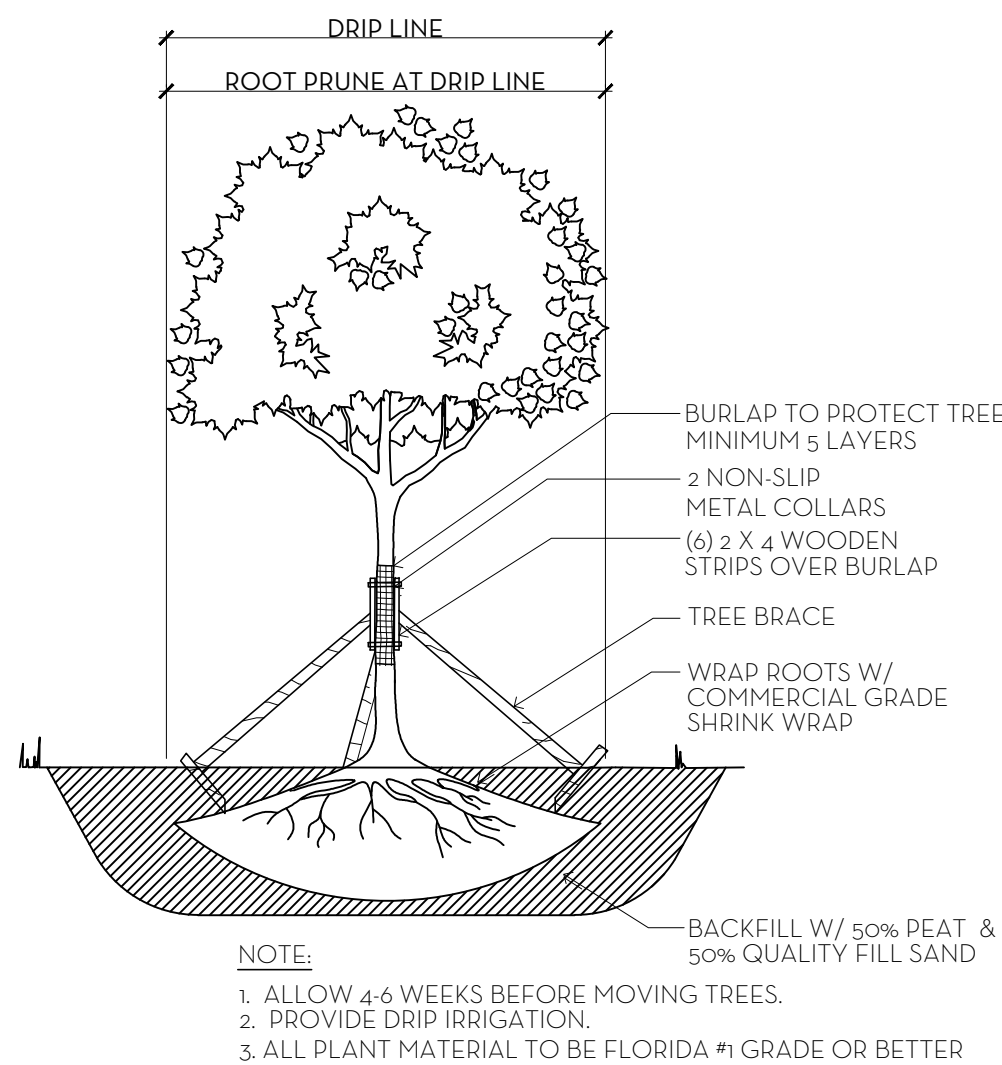
NOTE: ALL MATERIAL TO BE FLORIDA #1 OR BETTER

SHRUB & GROUNDCOVER PLANTING DETAIL
N.T.S.

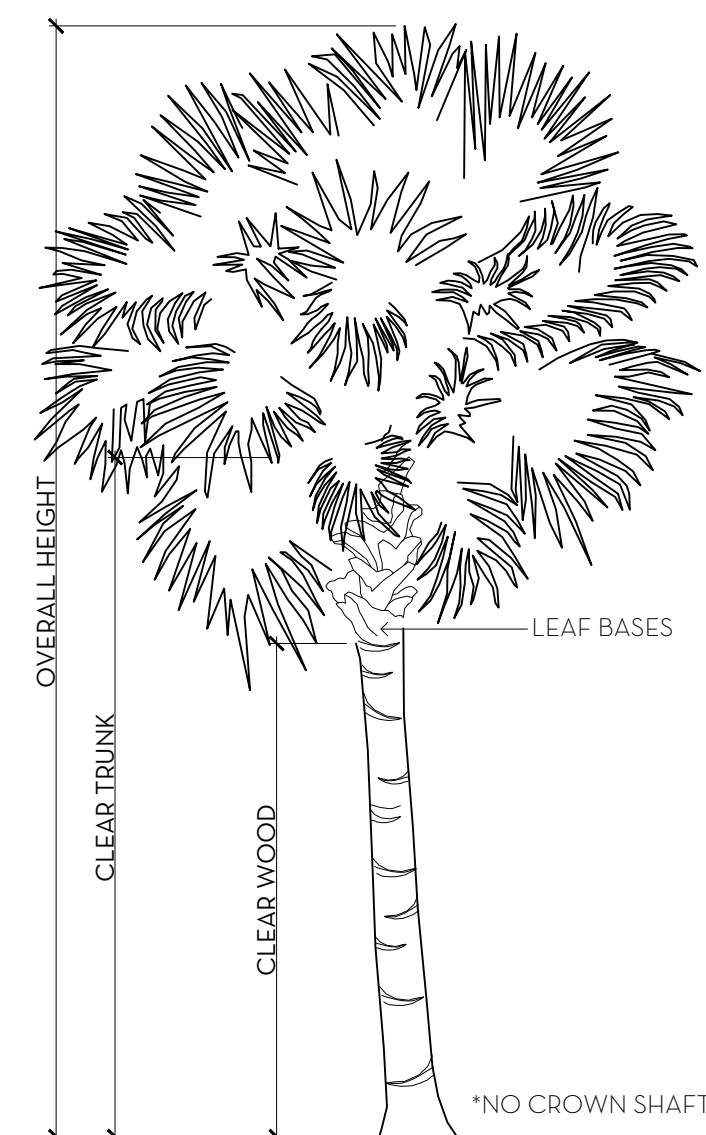


NOTES: STAKING & GUYING REQUIRED FOR PALMS, IF NECESSARY, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. ALL PLANT TO BE FLORIDA #1 OR BETTER

PALM TREE PLANTING AND STAKING DETAIL
N.T.S.



TREE ROOT PRUNING DETAIL
N.T.S.



PALM SPECIFICATION DETAIL
N.T.S.

FERTILIZATION

SHRUBS AND TREES

ALL TREES AND SHRUBS SHALL BE FERTILIZED WITH "AGRIFORM" 20-15-5 PLANTING TABLETS AT TIME OF INSTALLATION AND PRIOR TO COMPLETION OF PIT BACKFILLING. TABLETS SHALL BE PLACED UNIFORMLY AROUND THE ROOT MASS OF A DEPTH THAT IS BETWEEN THE MIDDLE AND BOTTOM OF THE ROOT MASS.

APPLICATION RATE:

1 GALLON CAN: 1- 21 GRAM TABLET

3 GALLON CAN: 2- 21 GRAM TABLETS

5 GALLON CAN: 3- 21 GRAM TABLETS

7 GALLON CAN: 4- 21 GRAM TABLETS

TREES: 3- 21 GRAM TABLETS EACH 1/2" OF CALIPER

PALMS: 7- 21 GRAM TABLETS

GROUNDCOVER AREAS

ALL GROUNDCOVER AREAS SHALL RECEIVE FERTILIZATION WITH "OZMOCOTE" TIME RELEASE FERTILIZER AS PER MANUFACTURER'S SPECIFICATIONS.

NIEVERA WILLIAMS DESIGN						1010 N. Lake Way
						Landscape Material Schedule
						December 12, 2024
Landscape Material Schedule						
ITEM NO.	COMMON NAME	BOTANICAL NAME	QUANTITY	NATIVE	COVERED AREA	SPECIFICATION
1	TREES					
2	Calophyllum Tree	Calophyllum brasiliense	2			16' OA.
3	Calophyllum Tree	Calophyllum brasiliense	12			18' HT.
4	Pigeon Plum	Coccoloba diversifolia	49	*		14' HT.
5			63	78%		
6	PALMS					
7	Coconut Palm	Cocos nucifera	6			14' GW.
8	Coconut Palm	Cocos nucifera	11			12' GW.
9	Date Palm	Phoenix dactylifera	4			16' CT.
10	Triple Alexander Palm	Ptychosperma elegans	2			18' CT.
11			23			
12	SHRUB & VINES					
13	Gardenia Spheres	Gardenia jasminoides	8			2'x2'
14	Gardenia Spheres	Gardenia jasminoides	4			4'x4'
15	Green Island Ficus	Ficus microcarpa 'Green Island'	482			3 Gal.
16	Ilex	Ilex vomitoria	205	*		3 Gal.
17	Green Buttonwood	Conocarpus erectus	54	*		4' FTB
18	Confederate Jasmine	Trachelospermum jasminoides	22			10' HT., ESP TO WALL
19	Confederate Jasmine	Trachelospermum jasminoides	10			8' HT.
20	Confederate Jasmine	Trachelospermum jasminoides	4			6' HT., ESP TO WALL
21			849	38%		
22	GROUNDCOVERS					
23	Beach Creeper	Ernodes littoralis	182	*	546	3 GAL.
24	Minima	Trachelospermum asiaticum	156		78	4" POTS
25			338	88%	624	
26	SOD					
27	Zoysia Sod					Solid sod, 2" 80/20 base soil mix, roll, top-dress, sig joints, qty by contractor

Line #	Landscape Legend		
1	Property Address:	1010 N. Lake Way	
2	Lot Area (sq. ft.):	18,795 sq ft	
3		REQUIRED	PROPOSED
4	andscape Open Space (LOS) (Sq Ft and %)	8,458 sq ft (45%)	8,502 sq. ft. (45.24%)
5	LOS to be altered (Sq Ft and %)	N/A	N/A
6	Perimeter LOS (Sq Ft and %)	4,229 sq ft	4,458 sq. ft. (52.71%)
7	Front Yard LOS (Sq Ft and %)	1,091.6 sq ft (40%)	1,354 (49.61%)
8	Native Trees %	30% (number of trees)	78%
9	Native Shrubs & Vines %	30% (number of shrubs & vines)	38%
10	Native Groundcover %	30% (groundcover area)	88%
To determine qualifying native vegetation use either: the Institute for Regional Conservation Natives for Your Neighborhood FL Statewide Plant List OR the Florida Native Plant Society Native Plants for Your Area List Note: Modification of >50% of existing landscape/greenscape are subject to minimum native plant requirements and must submit a landscape and irrigation plan for review. This table shall be included on the landscape species index sheet as prepared by a licensed landscape architect and landscape openspace data shall be incorporated on to corresponding zoning legend. See Ord. 003-2023 REV BF 20230727			

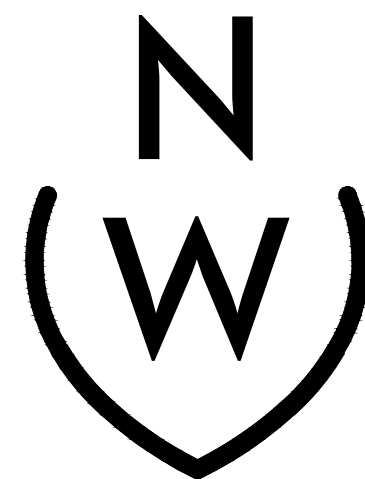
MARIO F. NIEVERA

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Landscape Architect
Registration No.
6666856

PLANT LIST AND DETAILS
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

13 DECEMBER 2024



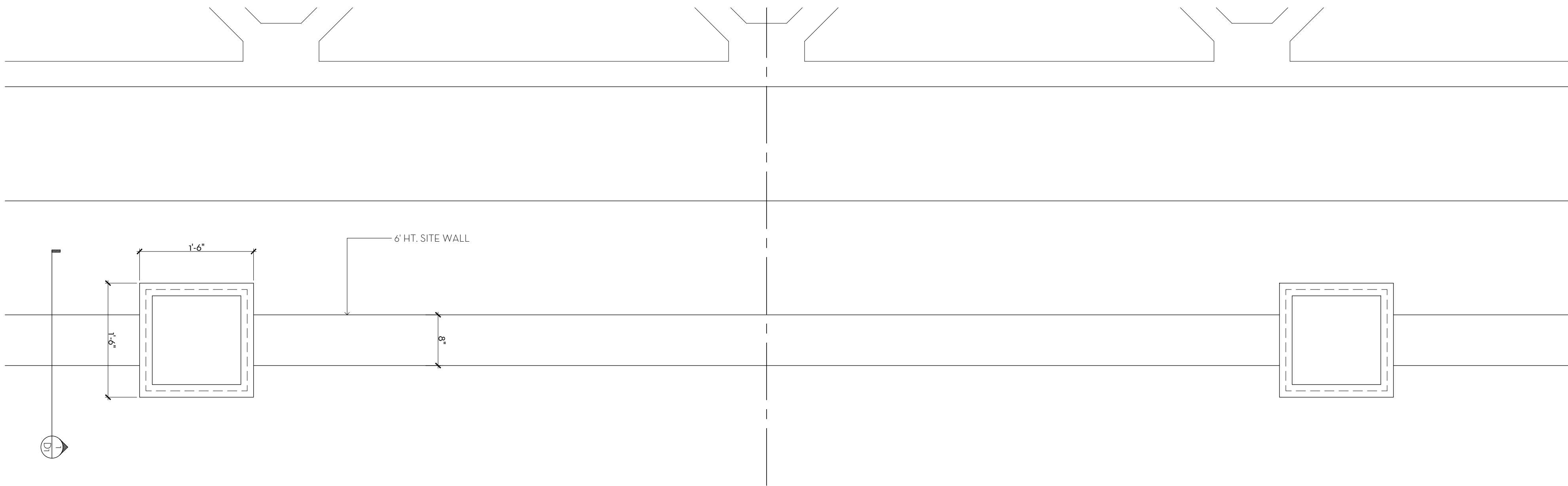
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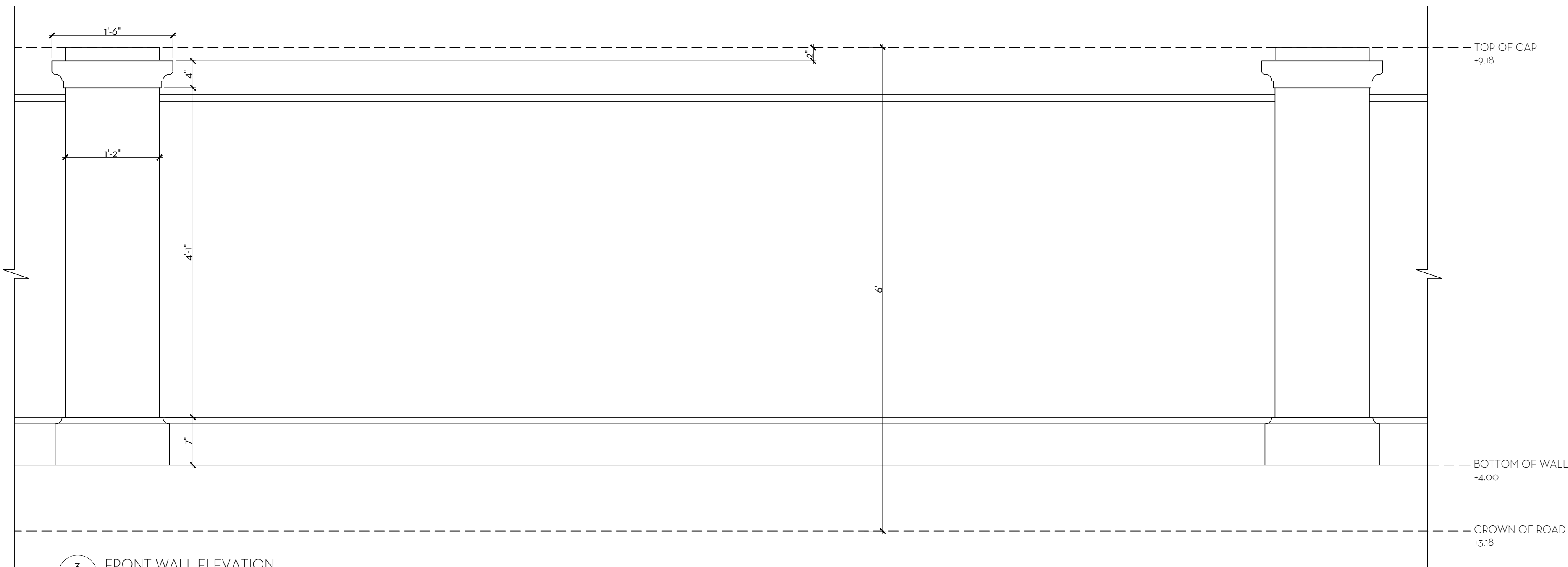
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LP2

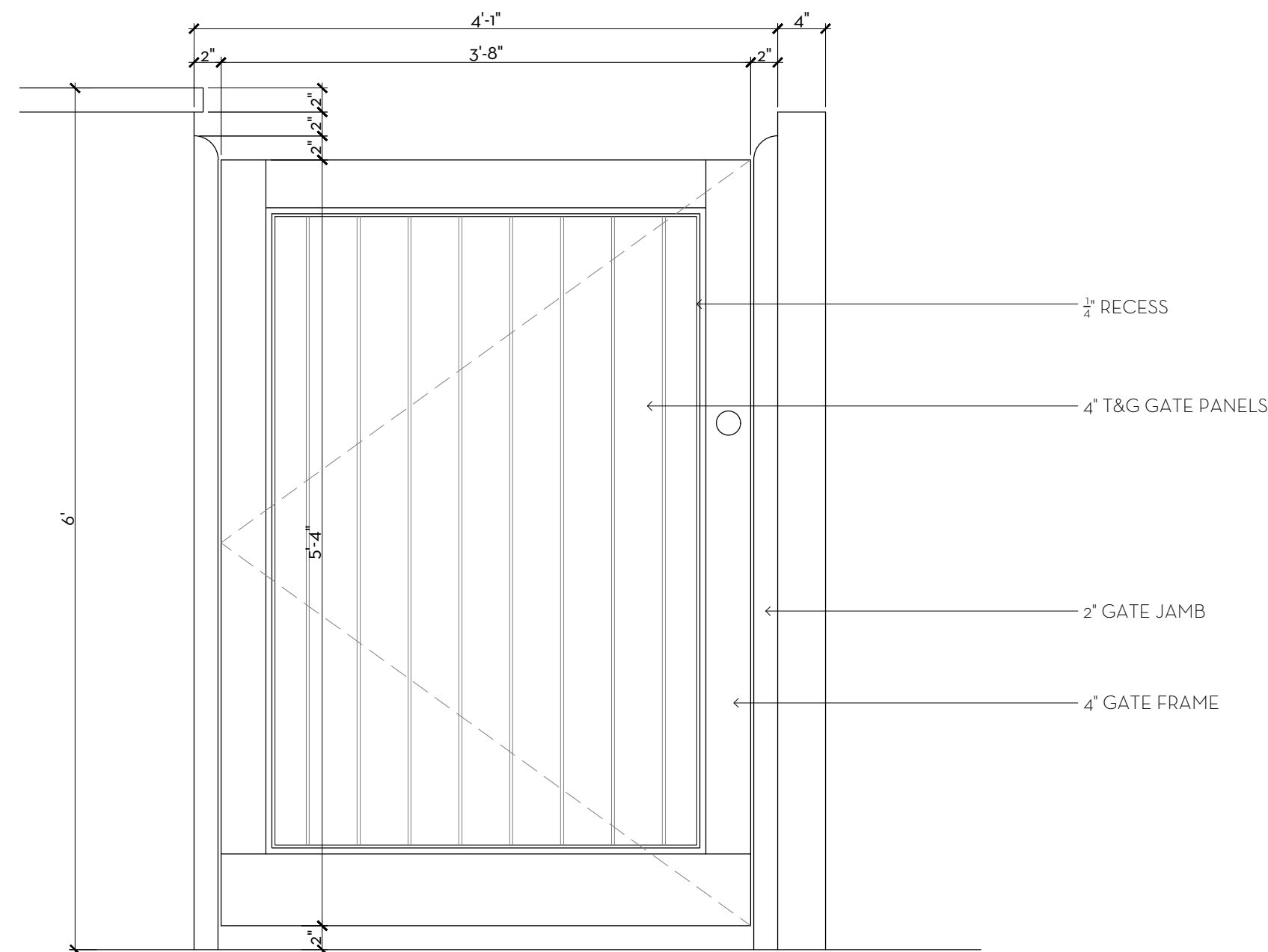
ARC-24-0114



1 FRONT WALL IN PLAN
SCALE: 1"=1'-0"



3 FRONT WALL ELEVATION
SCALE: 1"=1'-0"



4 TYPICAL GATE ELEVATION
SCALE: 1"=1'-0"

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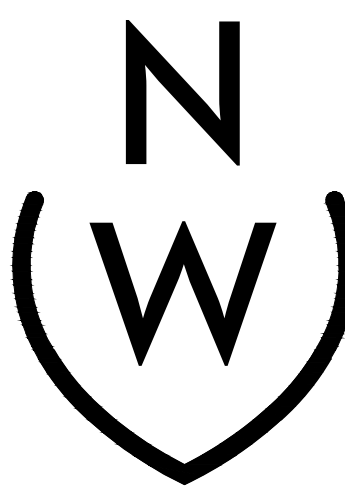
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DETAILS
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

13 DECEMBER 2024

SCALE: 1/8" = 1'-0"



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PERSPECTIVE RENDERING OF FRONT

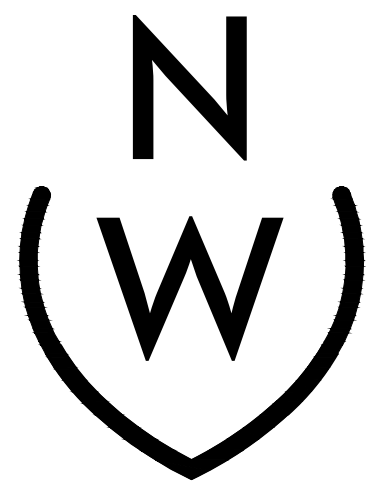
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PERSPECTIVE RENDERING
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

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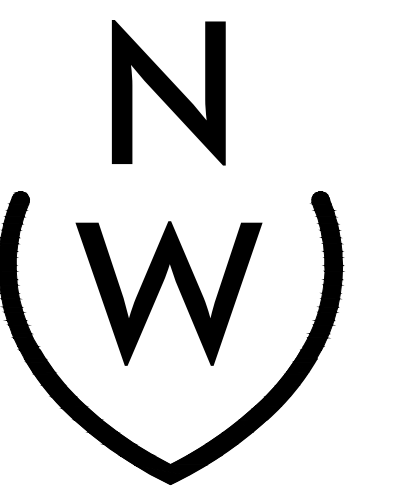
PERSPECTIVE RENDERING OF FRONT

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PERSPECTIVE RENDERING
1010 NORTH LAKE TRUST
1010 N. LAKE WAY, PALM BEACH, FLORIDA

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PERSPECTIVE RENDERING OF FRONT

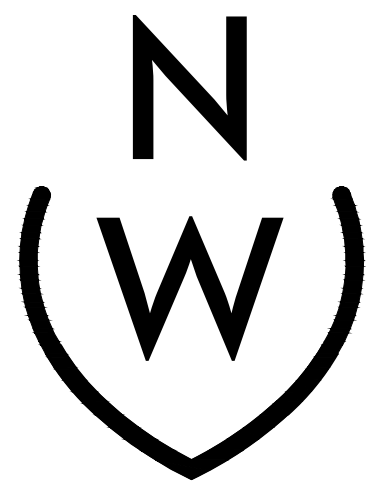
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PERSPECTIVE RENDERING
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

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PERSPECTIVE RENDERING OF FRONT ELEVATION

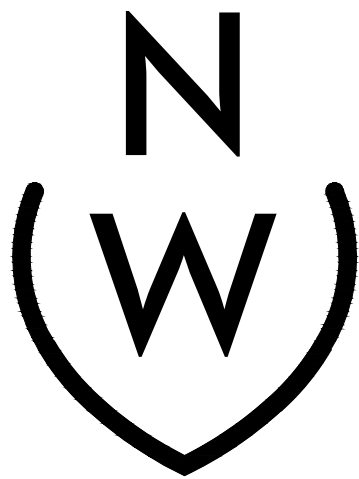
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1010 N. LAKE WAY, PALM BEACH, FLORIDA

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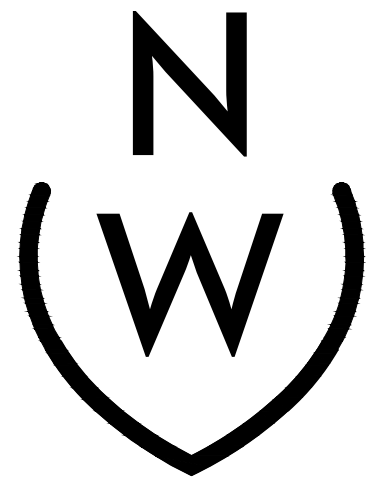
PERSPECTIVE RENDERING OF REAR

MARIO F. NIEVERA

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Registration No.
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PERSPECTIVE RENDERING
1010 NORTH LAKE TRUST
1010 N. LAKE WAY, PALM BEACH, FLORIDA

13 DECEMBER 2024



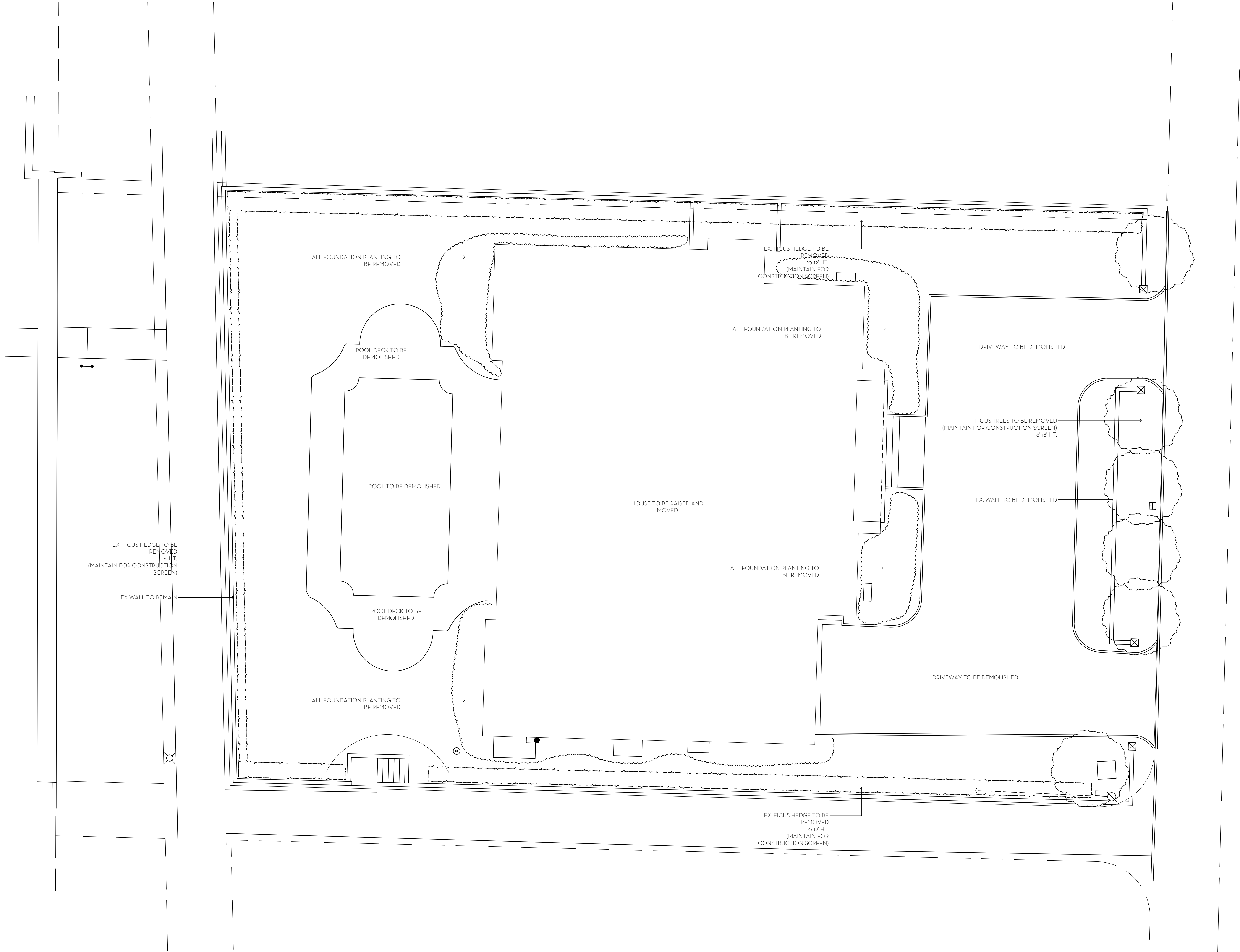
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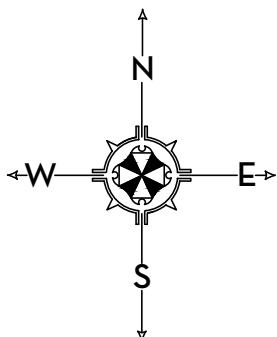
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R5

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0 1 4 8 16 FEET
SCALE: 1/8" = 1'-0"



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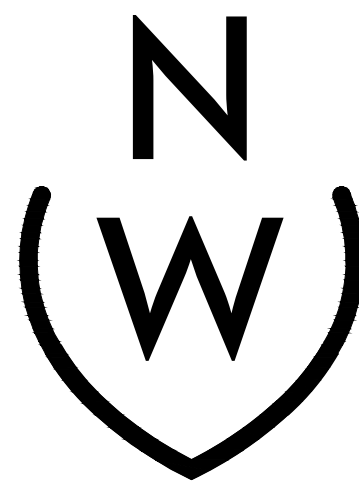
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EXISTING LANDSCAPE PLAN
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

13 DECEMBER 2024

SCALE: 1/8" = 1'-0"



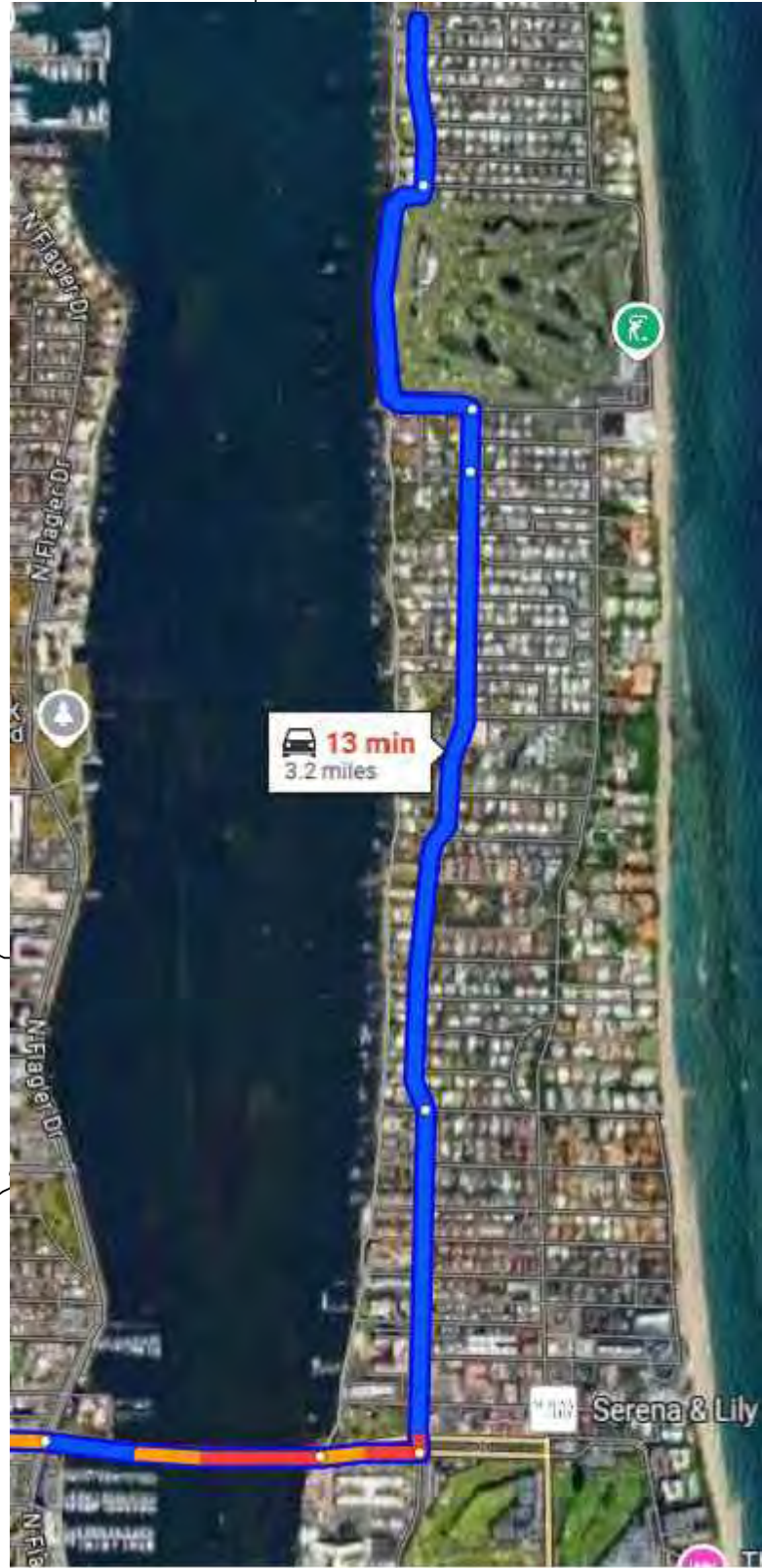
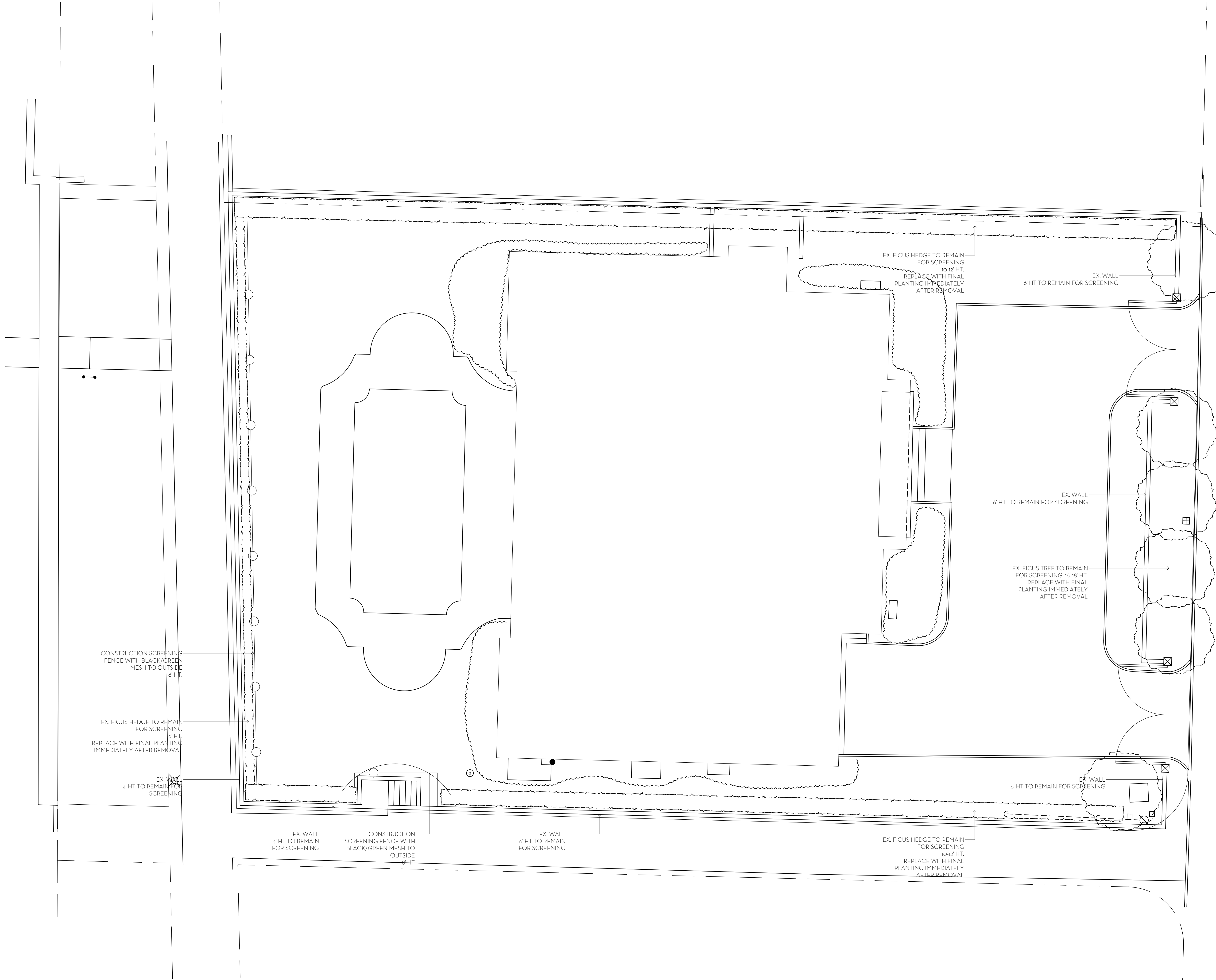
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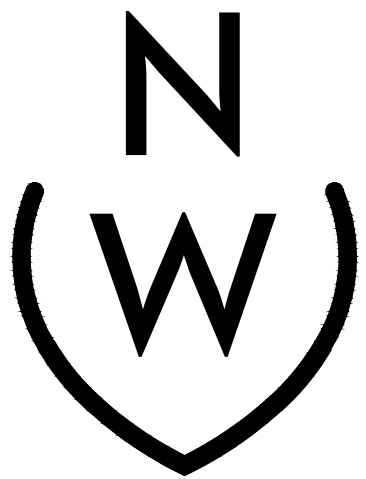
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CONSTRUCTION SCREENING PLAN
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

13 DECEMBER 2024

SCALE: 1/8" = 1'-0"



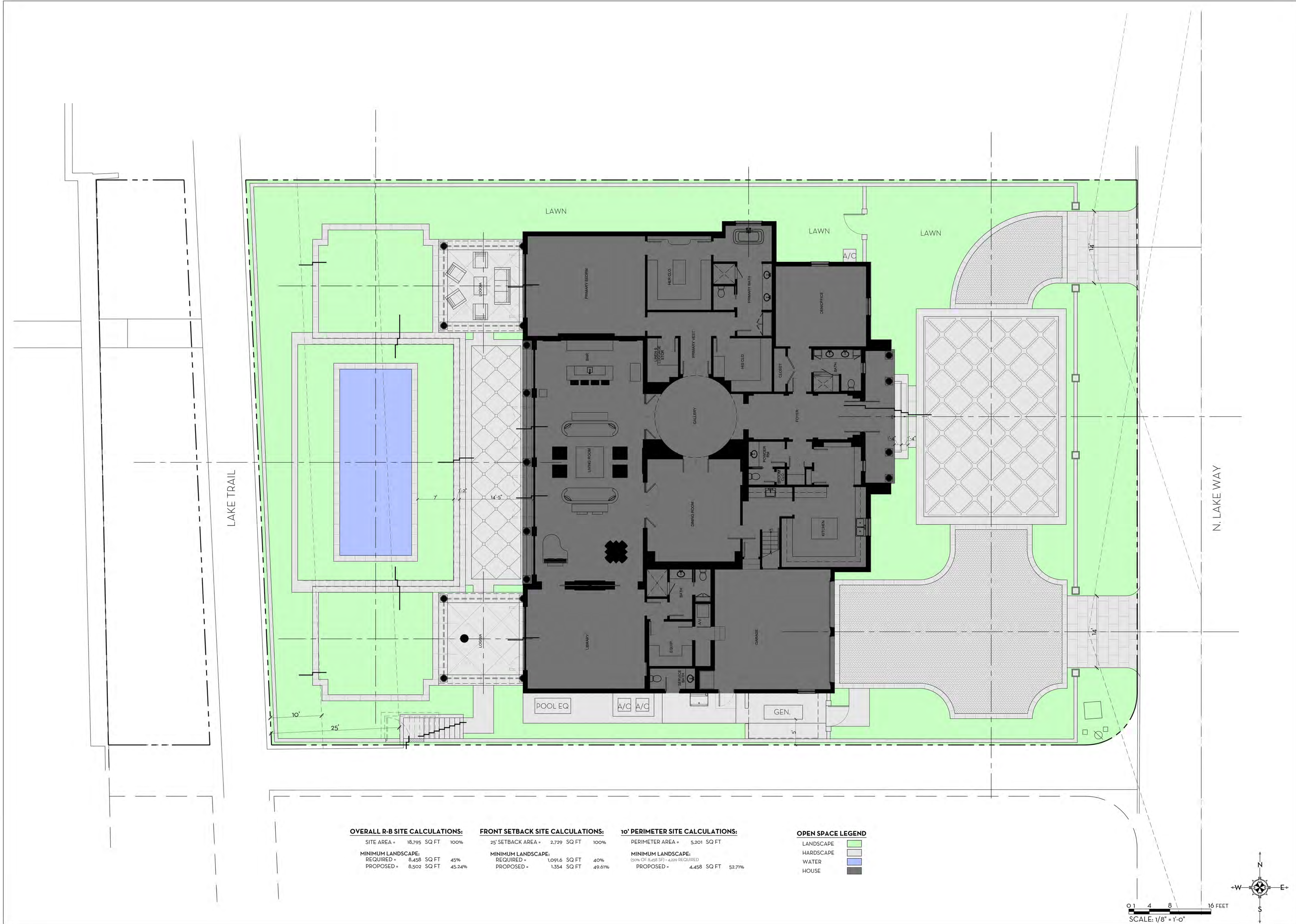
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Registration No.
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OVERALL OPEN SPACE DIAGRAM
1010 NORTH LAKE TRUST

1010 N. LAKE WAY, PALM BEACH, FLORIDA

26 NOVEMBER 2024

SCALE: 1/8" = 1'-0"



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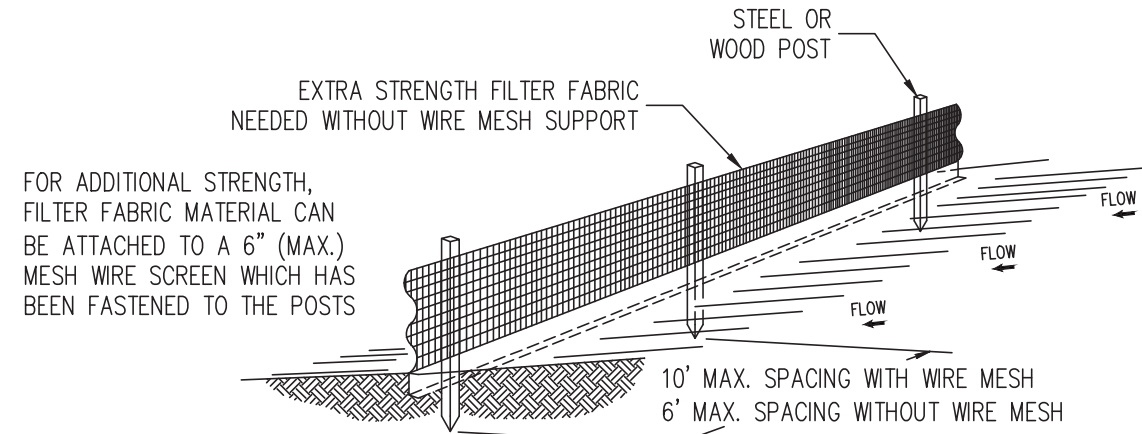
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OS1

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Notes:

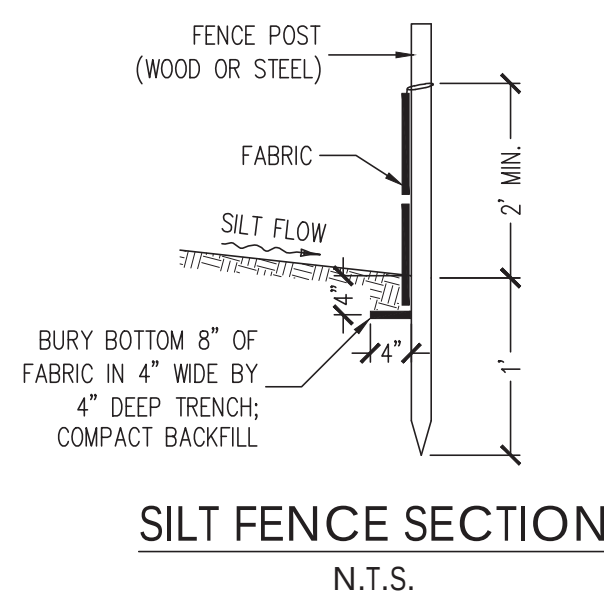
- Contractor is responsible for installing and maintaining erosion control measures during construction.
- Contractor to investigate condition of existing sewer service prior to building permit submittal. If existing service is cast iron, or in poor condition, service will be replaced to main per Town of Palm Beach standards.



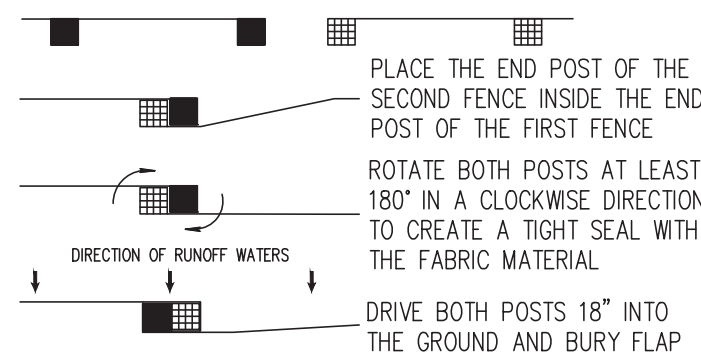
Notes:

- The height of a silt fence shall not exceed 36\"/>

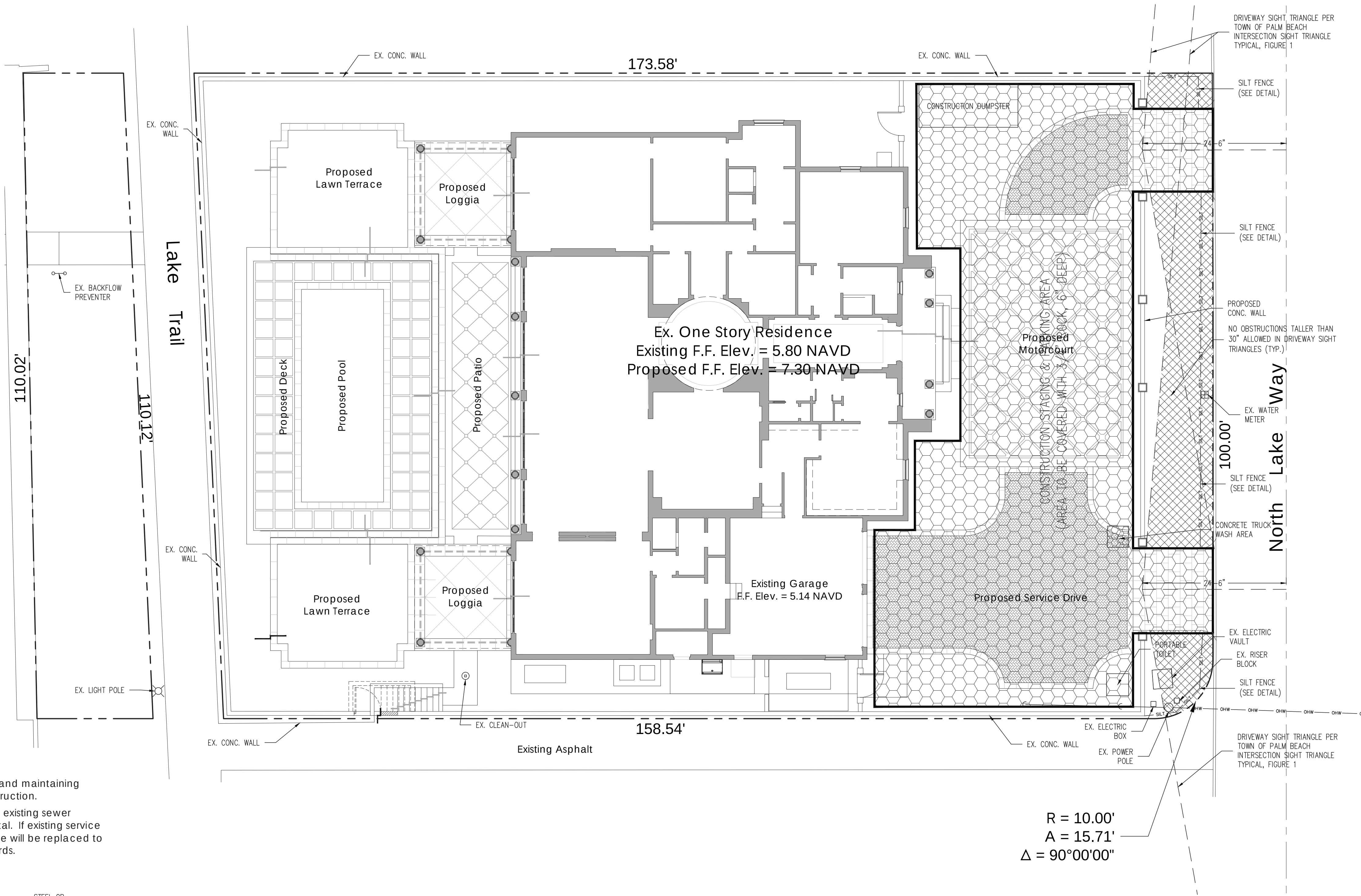
SILT FENCE DETAIL
N.T.S.



SILT FENCE SECTION
N.T.S.

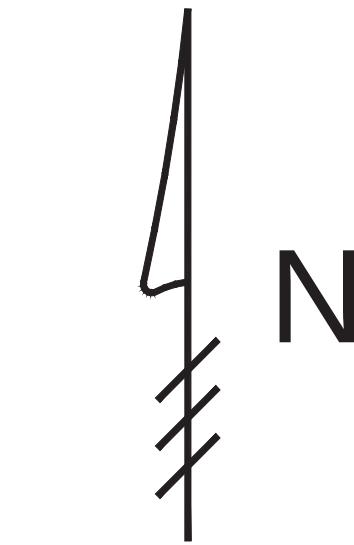


ATTACHING TWO SILT FENCES
N.T.S.

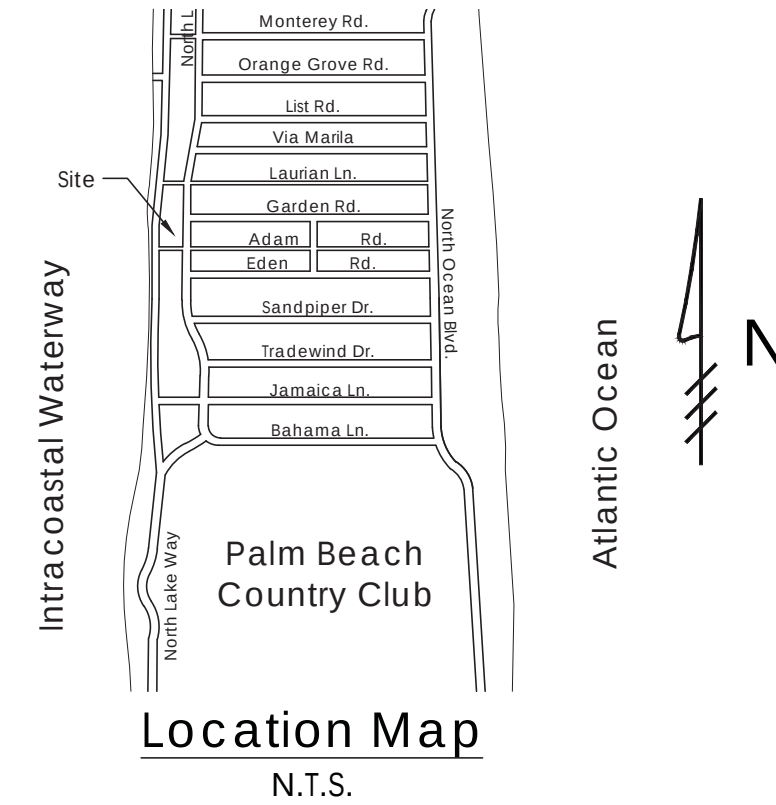


Legend

- CONSTRUCTION STAGING AREA
- SILT FENCE (SEE DETAIL)



Scale: 1" = 10'



Construction Staging/Parking & Erosion Control Plan For:

1010 NORTH LAKE TRUST

1010 North Lake Way
Palm Beach, Florida

PROJECT INFORMATION:

Project No.	2024-0108
Issue Date	12/11/2024
Scale	1" = 10'

REVISIONS:

1	
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FLORIDA P.E. NO. 57466

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Plan Background from Hardscape
Plan by Nievera Williams Design
Received 11/20/24

ARC-24-0114

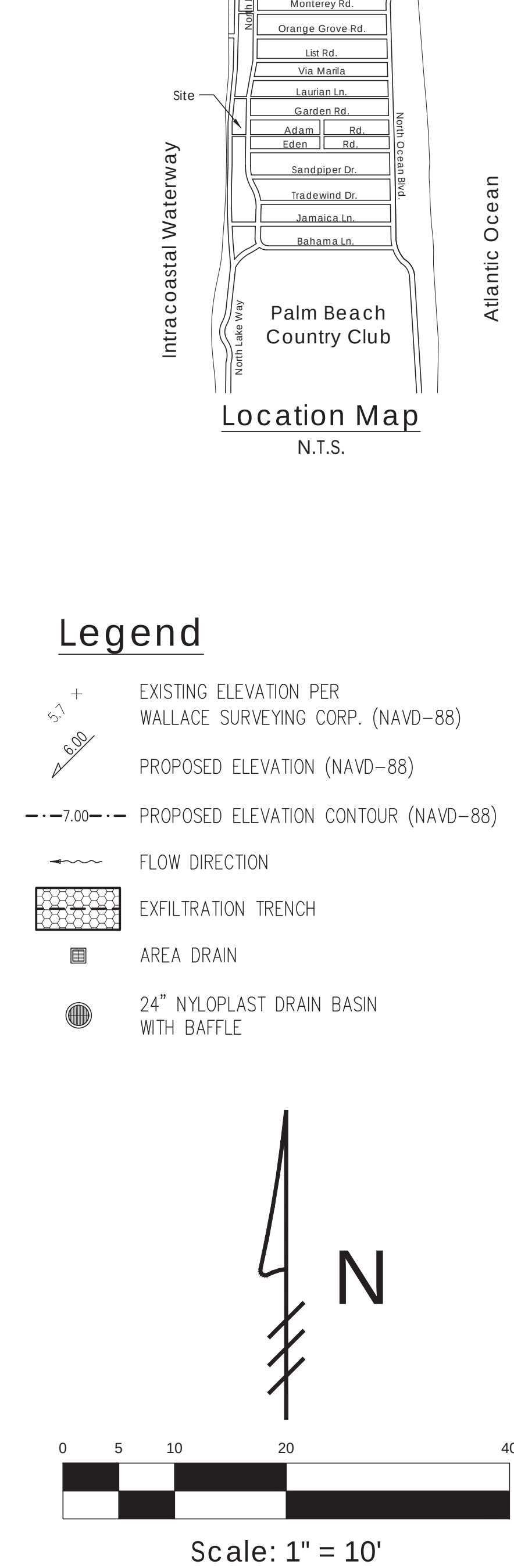
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48 HOURS BEFORE DIGGING,
CALL 1-800-432-4770
SUNSHINE STATE ONE
CALL OF FLORIDA, INC.
Contractor is responsible for
obtaining location of existing
utilities prior to commencement
of construction activities.

**GRUBER
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ENGINEERS**

2475 Mercer Avenue, Suite 305
West Palm Beach, FL 33401
561.312.2041
office@gruberengineers.com





- 1) Exfiltration trenches and storm piping to be protected from roots with a root barrier.
- 2) Roof drain downspouts are to be connected to the proposed drainage system. Contractor to provide engineer with downspout locations prior to installation of drainage system.
- 3) Exfiltration trench design uses an assumed value of hydraulic conductivity. Client may obtain a site specific test for hydraulic conductivity prior to exfiltration trench installation.
- 4) Contractor shall mill and overlay all roadway cuts a minimum of 50 ft. on either side of the excavation the entire width of each affected lane.
- 5) Contractor is responsible for installing and maintaining erosion control measures during construction.
- 6) Video inspection of storm drainage system required prior to installation of sod.

STORMWATER RETENTION CALCULATIONS

A. SITE INFORMATION

Total Property Area = 20,821 sq.ft.

Proposed Drainage Area = 18,795 sq.ft.

Drainage Area Impervious Surface = 12,596 sq.ft.

Drainage Area Pervious Surface = 6,199 sq.ft.

B. ESTIMATED STORMWATER RETENTION VOLUME

The retention volume is estimated using the Rational Method ($Q=CIA$) where:

$C = 1.0$ (impervious surface)
 $C = 0.2$ (pervious surface)
 $i = 2$ in/hr

Impervious Surface Runoff Volume:
 $1.0 \times 2 \text{ in/hr} \times 12,596 \text{ sq.ft.} \times 1 \text{ ft./12 in.} = 2,099 \text{ cu.ft.}$

Pervious Runoff Volume:
 $0.2 \times 2 \text{ in/hr} \times 6,199 \text{ sq.ft.} \times 1 \text{ ft./12 in.} = 207 \text{ cu.ft.}$

Total Volume to be Retained = 2,306 cu.ft.

C. PROPOSED EXFILTRATION TRENCH SIZING

Exfiltration Trench #1

L	=	Total Length of Trench Provided	=	98	ft
W	=	Trench Width	=	15	ft
K	=	Hydraulic Conductivity	=	0.00005	cfs/sq.ft./ft. of head
H2	=	Depth to Water Table	=	2.50	ft
H1	=	Un-Saturated Trench Depth	=	1.50	ft
DS	=	Saturated Trench Depth	=	1.00	ft

V = Volume Treated = 1,962 cu.ft.

Exfiltration Trench #2

L	=	Total Length of Trench Provided	=	20	ft
W	=	Trench Width	=	15	ft
K	=	Hydraulic Conductivity	=	0.00005	cfs/sq.ft./ft. of head
H2	=	Depth to Water Table	=	2.50	ft
H1	=	Un-Saturated Trench Depth	=	1.50	ft
DS	=	Saturated Trench Depth	=	1.00	ft

V = Volume Treated = 400 cu.ft.

Total Volume Retained in Exfiltration Trenches = 2,362 cu.ft.



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Contractor is responsible for obtaining location of existing utilities prior to commencement of construction activities.

Conceptual Site Grading & Drainage Plan For:

1010 NORTH LAKE TRUST

1010 North Lake Way
Palm Beach, Florida

PROJECT INFORMATION:

Project No.	2024-0108
Issue Date	12/11/2024
Scale	1" = 10'

REVISIONS:

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Plan Background from Hardscape
Plan by Nievera Williams Design
Received 11/20/24

ARC-24-0114

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C-1



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Ä
LANDSCAPE/DRAINAGE PLAN CONFLICT STATEMENT

To: Planning Administrator
Town of Palm Beach

From: Chad M. Gruber, P.E.

Re: 1010 North Lake Trust
1010 North Lake Way
Palm Beach, FL

Date: December 11, 2024

I have reviewed the landscape plan prepared by Nievera Williams Design for the referenced project received 11/20/24 and compared it with the latest conceptual drainage plan prepared by this office dated 12/11/24. There do not appear to be any conflicts between the proposed landscape material and the storm piping and exfiltration trenches.

Please feel free to contact me if you have any questions.

Sincerely,



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by Chad M Gruber
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