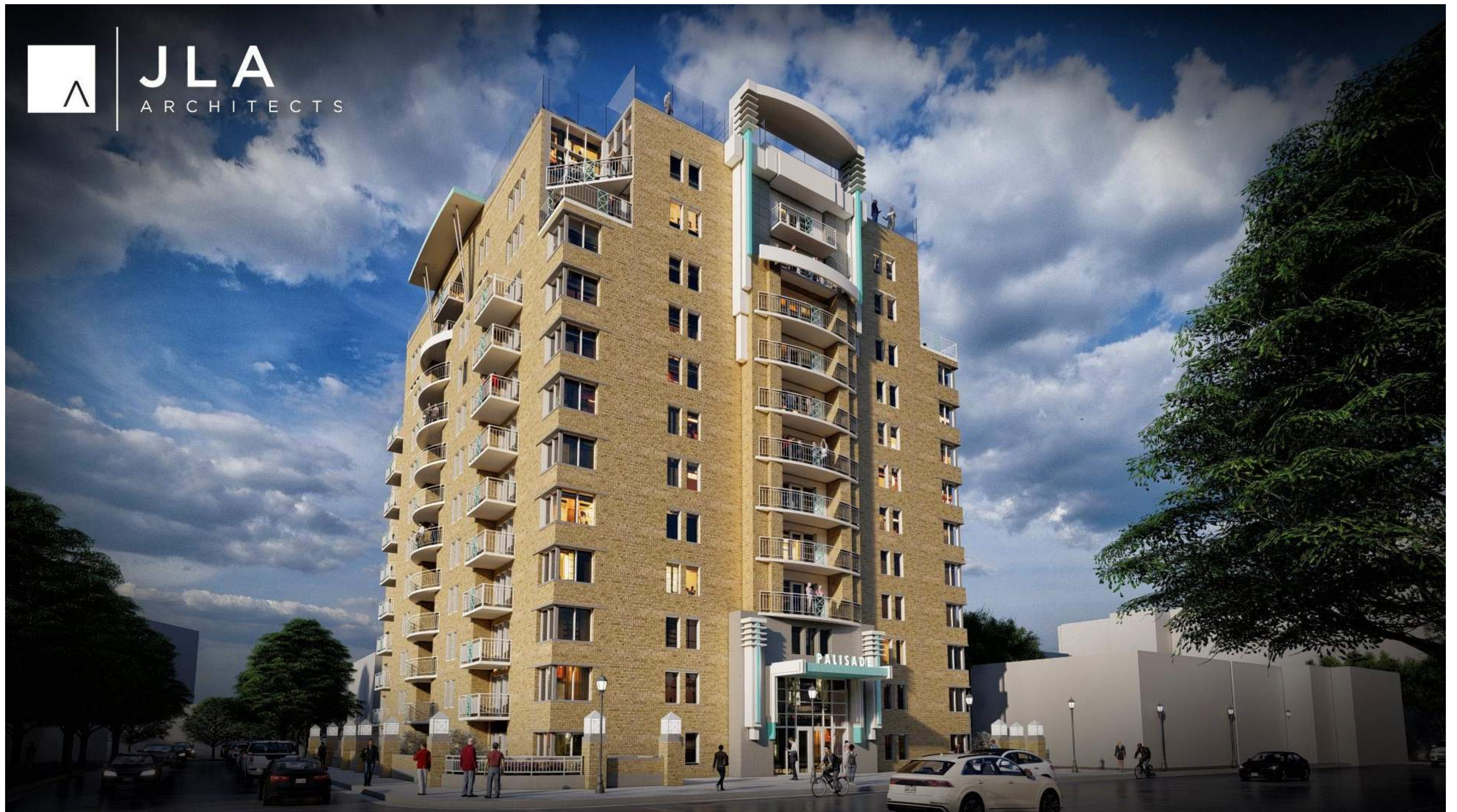




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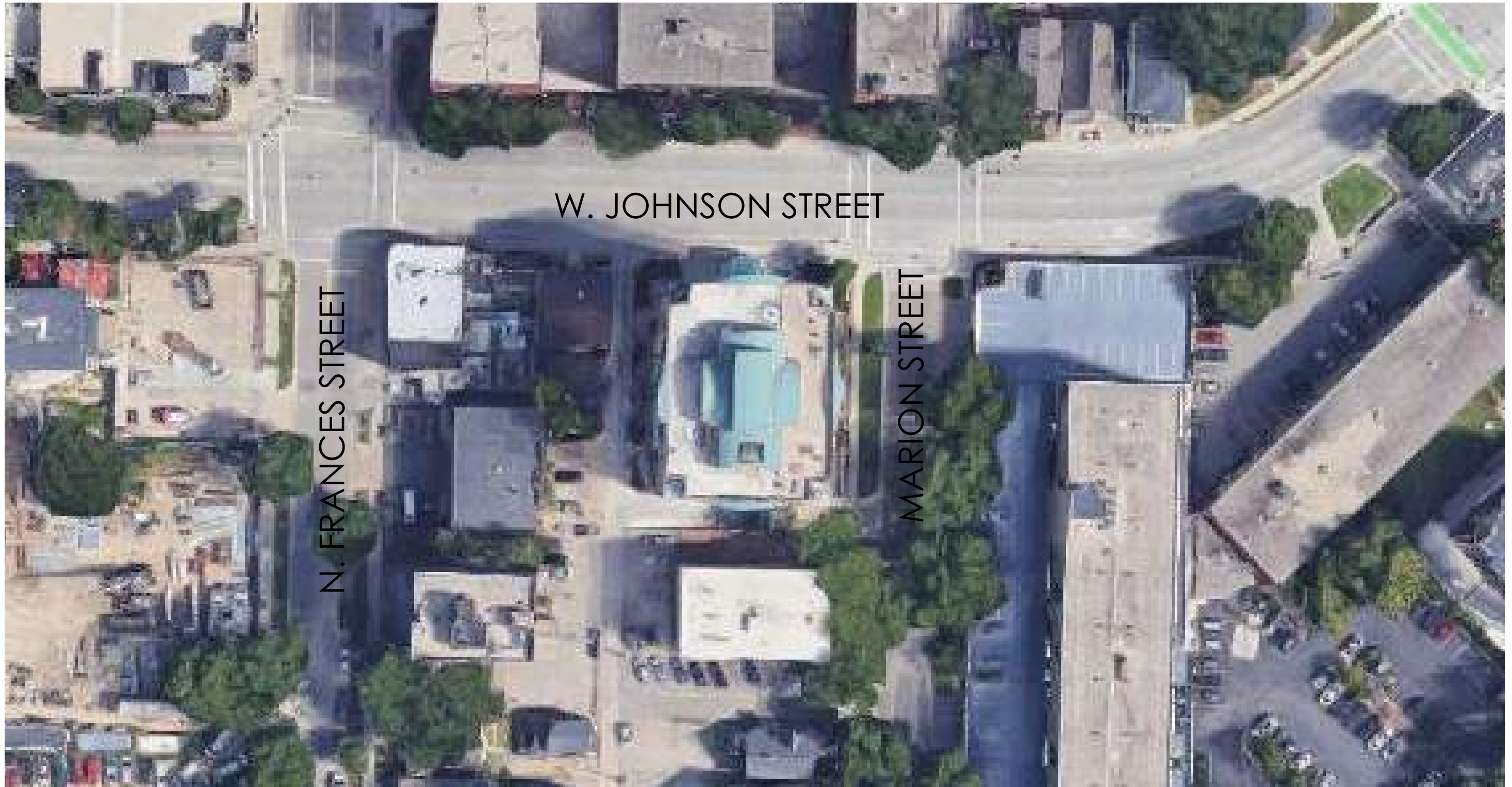


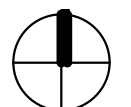
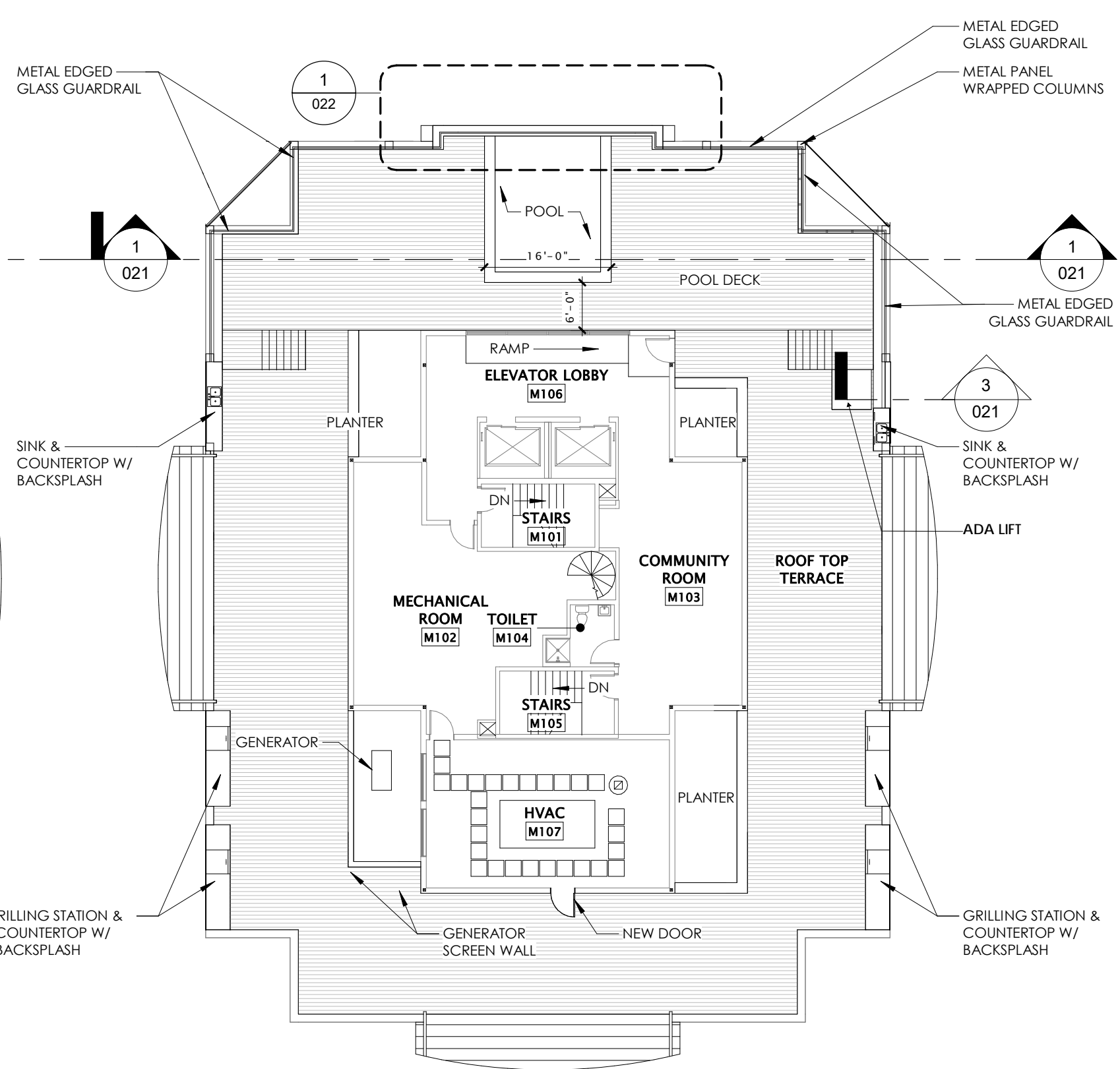
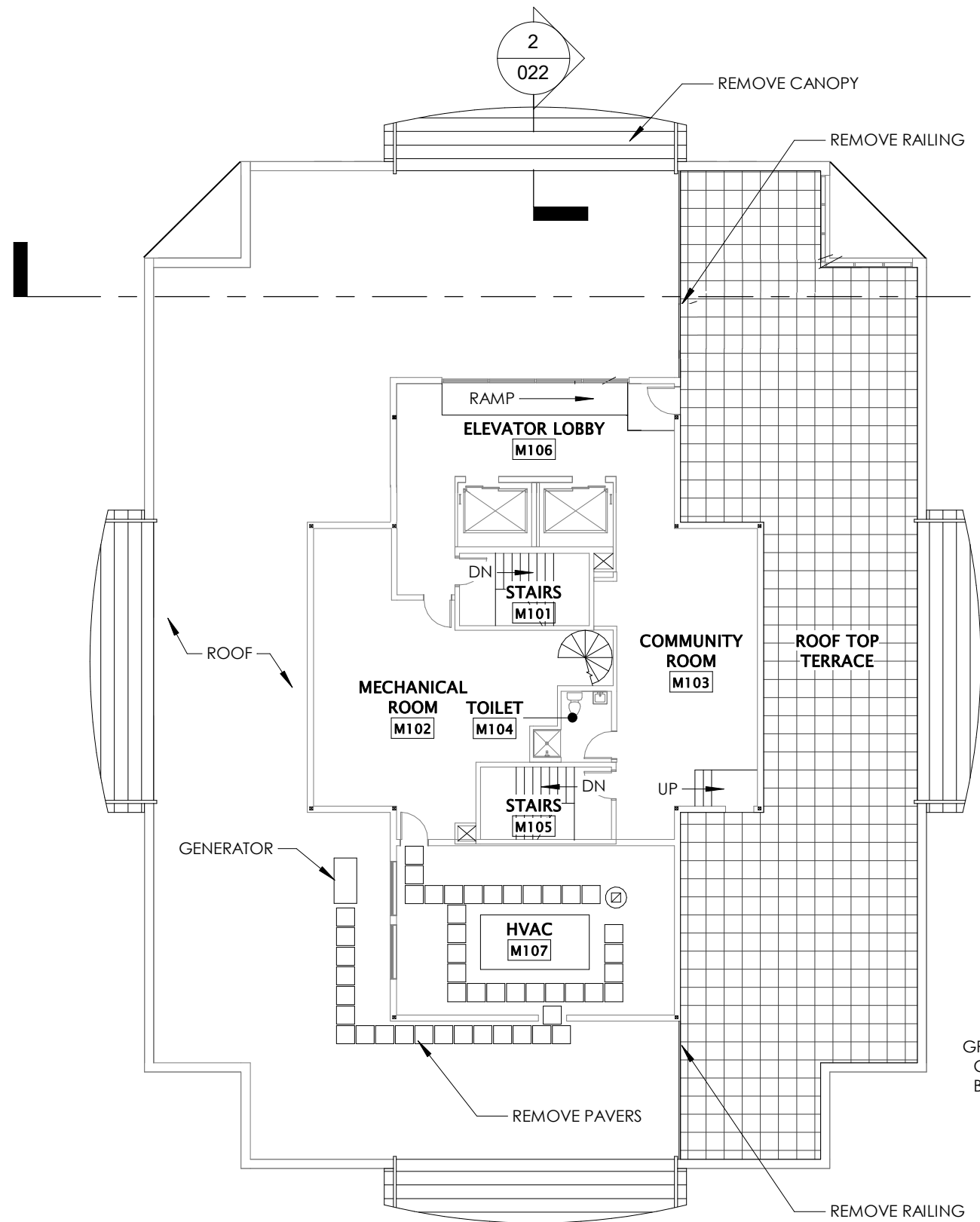
PALISADE APARTMENTS
MINOR ALTERATIONS UDC SUBMITTAL

COVER

JLA PROJECT No:	W22-0211
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SCHMATIC DESIGN SET	NOT FOR CONSTRUCTION

001







JLA
ARCHITECTS



PALISADE APARTMENTS
MINOR ALTERATIONS UDC SUBMITTAL

PROPOSED ROOF RENDERING

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PALISADE APARTMENTS
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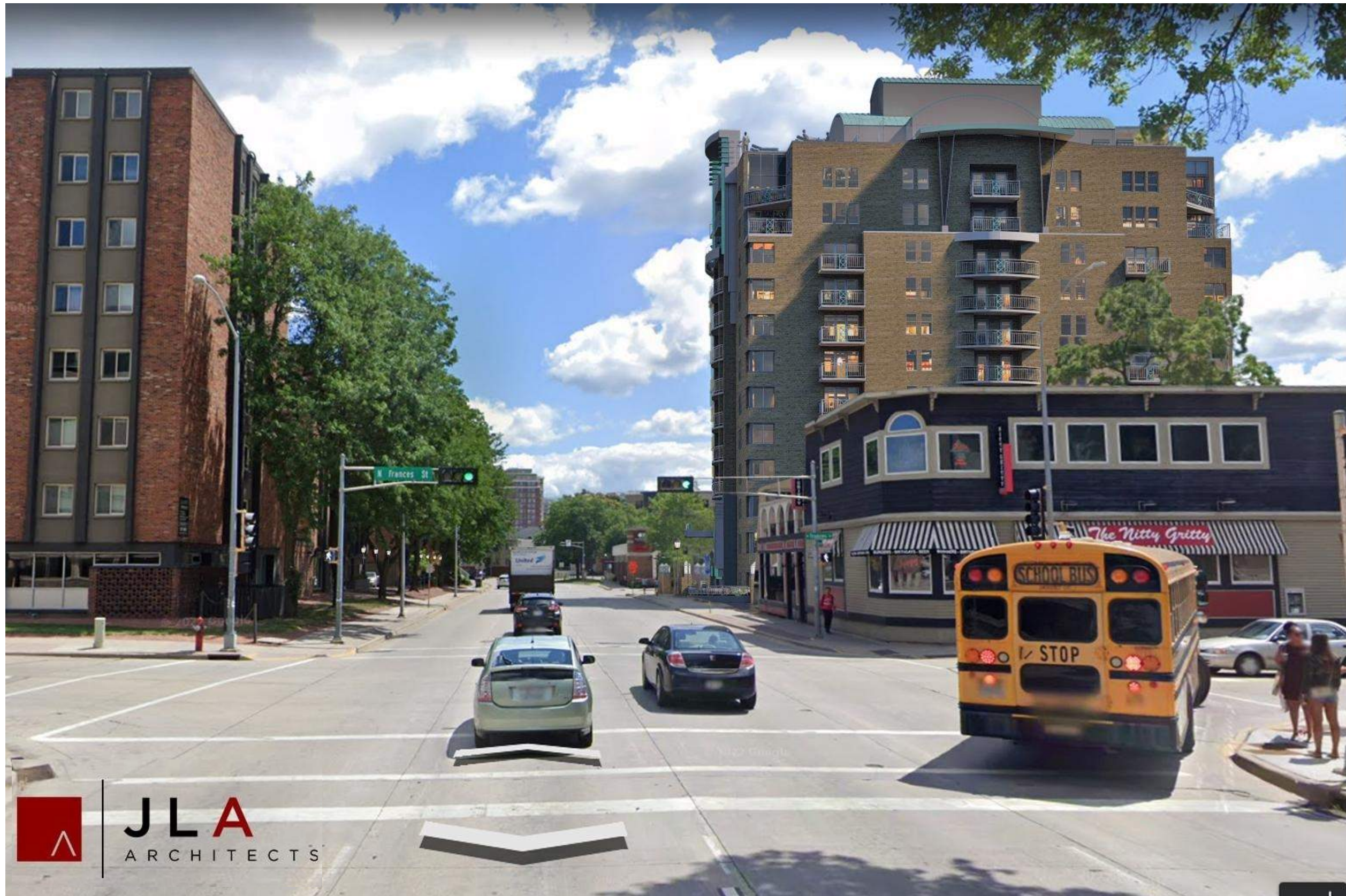


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MADISON | MILWAUKEE | DENVER
JLA-AP.COM

PALISADE APARTMENTS
MINOR ALTERATIONS UDC SUBMITTAL

PROPOSED W JOHNSON RENDERING

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PALISADE APARTMENTS
 MINOR ALTERATIONS UDC SUBMITTAL

PROPOSED RENDERING

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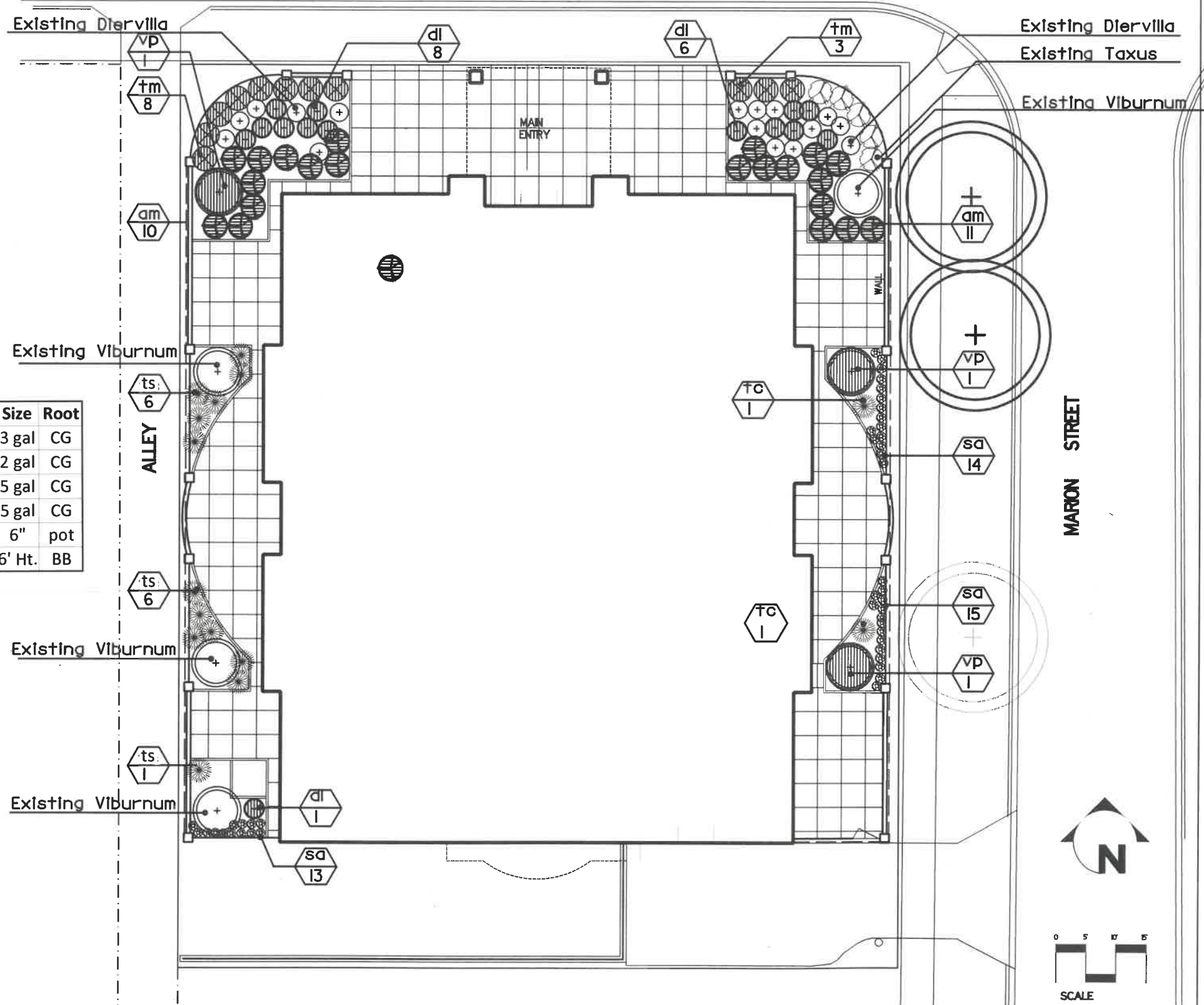
RAILING (EXAMPLE)



PROPOSED METAL COLOR - WHITE



RAILING (EXAMPLE)



Key	Quant	Botanical Name	Common Name	Size	Root
am	21	Aronia melanocarpa 'Morton'	Morton Chokeberry	3 gal	CG
dl	15	Diervilla lonicera 'Michigan Sunset'	Michigan Sunset' Dwarf Bush Honeysuckle	2 gal	CG
tm	11	Taxus x media 'Everlow'	Everlow Yew	5 gal	CG
ts	13	Tsuga canadensis 'Jeddeloh'	Jeddeloh Canadian Hemlock	5 gal	CG
sa	42	Sesleria autumnalis	Autumn Moor Grass	6" pot	
vp	3	Viburnum prunifolium	Blackhaw Viburnum	6' Ht.	BB



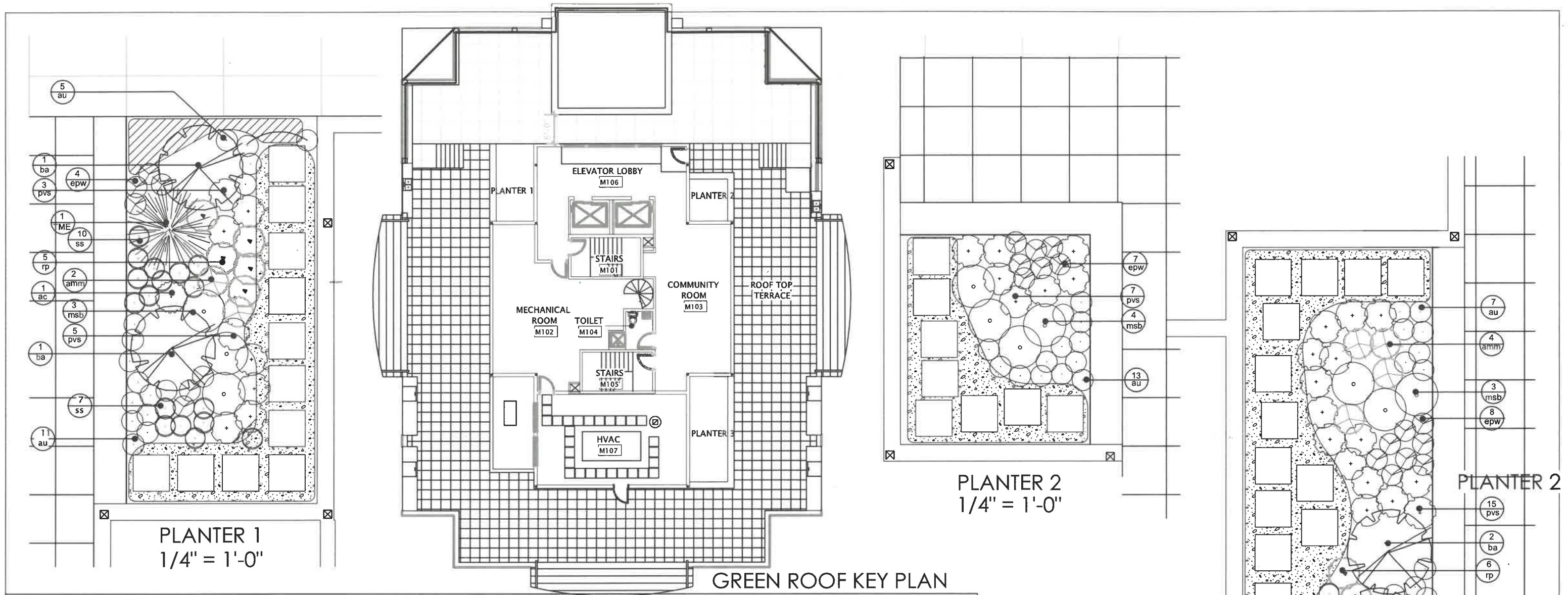
PALISADES APARTMENTS
PLANTING PLAN



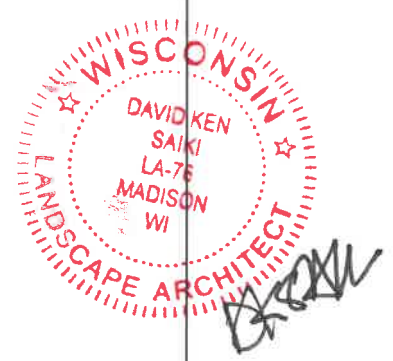
1110 S PARK STREET
 MADISON WI 53705
 P 608.251.3600
 www.saiki.design

L-001

11.28.2022



KEY	QUANT	BOTANICAL NAME	COMMON NAME	SPACING	ROOT/SIZE
amm	6	Achillea millefolium 'Moonshine'	Moonshine Yarrow	1.5' O.C.	#1 cont.
ac	4	Aquilegia Canadensis	Eastern Columbine	1.5' O.C.	Quart
au	51	Arctostaphylos uva-ursi 'Massachusetts'	Massachusetts' Bearberry	1' O.C.	#1 cont.
ba	4	Baptisia australis	Blue False Indigo	4' O.C.	#2 cont.
epw	22	Echinaceae 'PowWow Wildberry'	PowWow Wildberry Coneflower	1-1.5' O.C.	#1 cont.
msb	10	Monarda Sugar Buzz 'Blue Moon'	Wild Bergamot	2' O.C.	#1 cont.
pvs	30	Panicum virgatum 'Shenandoah'	Shenandoah' Switch Grass	2' O.C.	#1 cont.
rp	11	Ratibida pinnata	Yellow Coneflower	2' O.C.	#1 cont.
ss	33	Schyzacyrium scoparium Little Arrow	Little Arrow Little Bluestem	1.5' O.C.	#1 cont.
TME	1	Taxus x media 'Everlow'	Everlow Yew	4' O.C.	5 Gal. cont.



PROJECT ADDRESS

PALISADE APARTMENTS

535 W. JOHNSON STREET MADISON, WI 53703

OWNER INFORMATION

WILLOW PARTNERS

725 EAST JOHNSON STREET
MADISON, WI 53703

CONTACT: Chris Houden Jr.
EMAIL: chris@willow-partners.com
MAIN: 608.770.2332



PROJECT TEAM

GENERAL CONTRACTOR

FRIEDE & ASSOCIATES

122 WEST WASHINGTON AVENUE, SUITE 105
MADISON, WI 53703
CONTACT: Carole J. Schaeffer
EMAIL: cjschaeffer@friede.com
MAIN: 608.768.9803

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SAIKI DESIGN, INC

1110 S PARK STREET
MADISON, WI 53715
CONTACT: KEN SAIKI
EMAIL: KSAIKI@SD
MAIN: 608.405.8148

DESIGN ARCHITECT

JLA ARCHITECTS & PLANNERS

800 WEST BROADWAY STREET, SUITE 200
MADISON, WI 53713
CONTACT: Patrick Terry
EMAIL: pterry@jla-ap.com
MAIN: 608.442.3823

POOL CONSULTANT

NEUMAN POOLS INC.

W9684 BEAVERLAND PARKWAY
BEAVER DAM, WI 53916
CONTACT: Michael Nelson
EMAIL: mnelson@meumanpools.com
MAIN: 920.885.3366

ENGINEER OF RECORD

PIERCE ENGINEERS

222 WEST WASHINGTON AVENUE #650
MADISON, WI 53703
CONTACT: Richard Pierce
EMAIL: rcpierce@pierceengineers.com
MAIN: 608.256.7304

SET ISSUE

MINOR ALTERATIONS UDC SUBMITTAL

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PALISADE APARTMENTS

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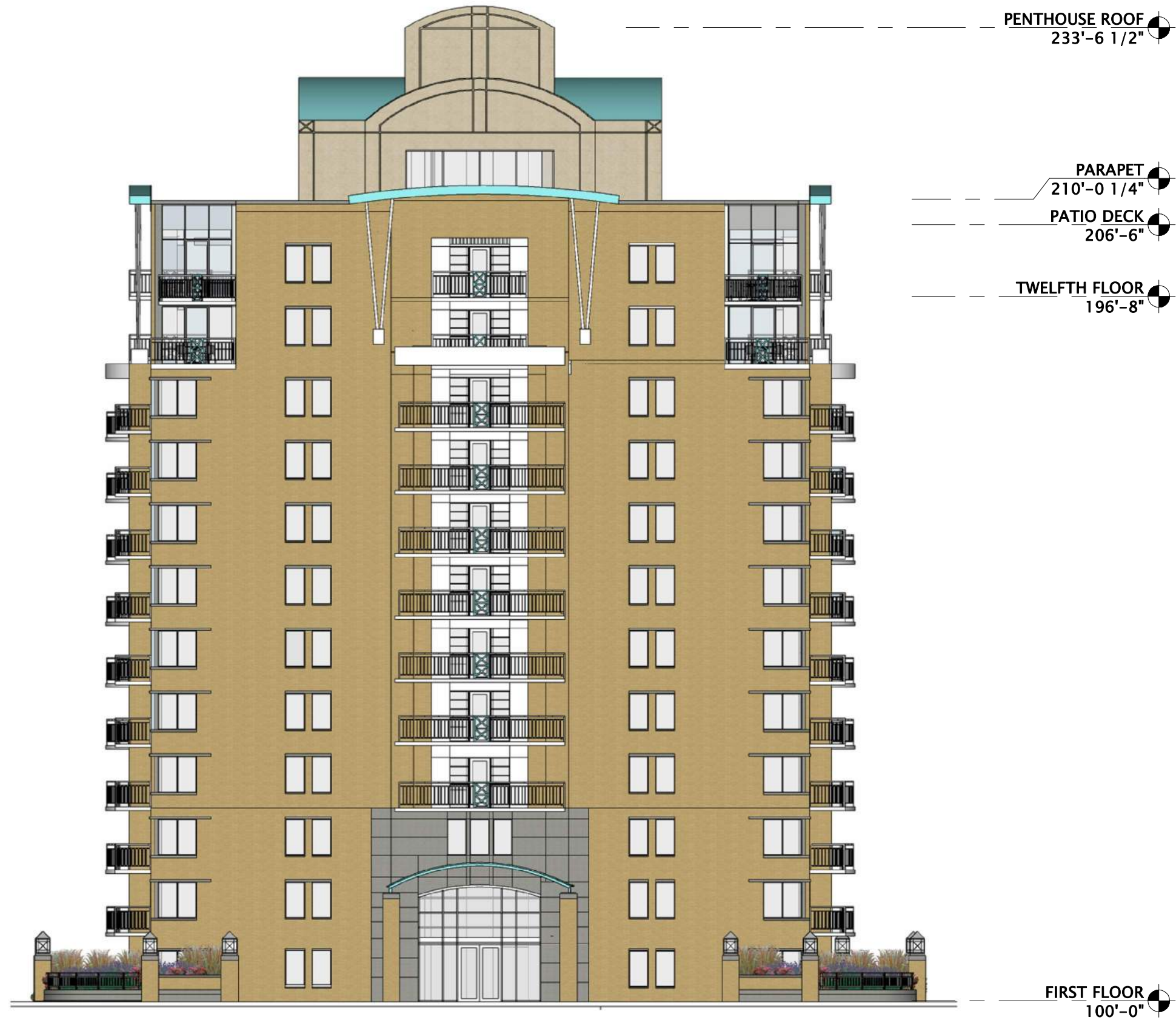
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PALISADE APARTMENTS
MINOR ALTERATIONS UDC SUBMITTAL

EXISTING W JOHNSON PHOTO

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PALISADE APARTMENTS
EXISTING NORTH ELEVATION

SCHEMATIC DESIGN SET - NOT FOR CONSTRUCTION
005

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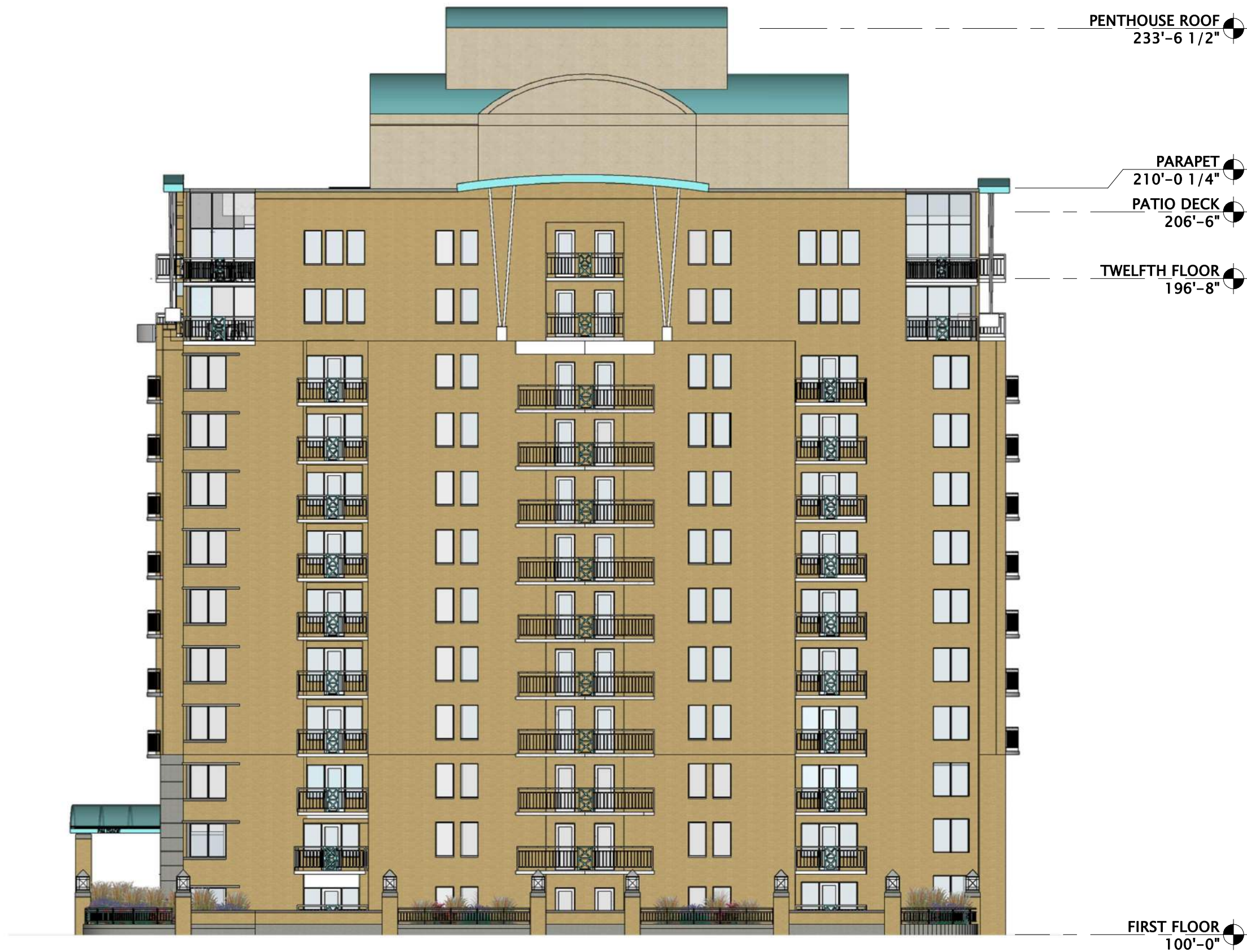
PENTHOUSE ROOF
233'-6 1/2"

PARAPET
210'-0 1/4"

PATIO DECK
206'-6"

TWELFTH FLOOR
196'-8"

FIRST FLOOR
100'-0"

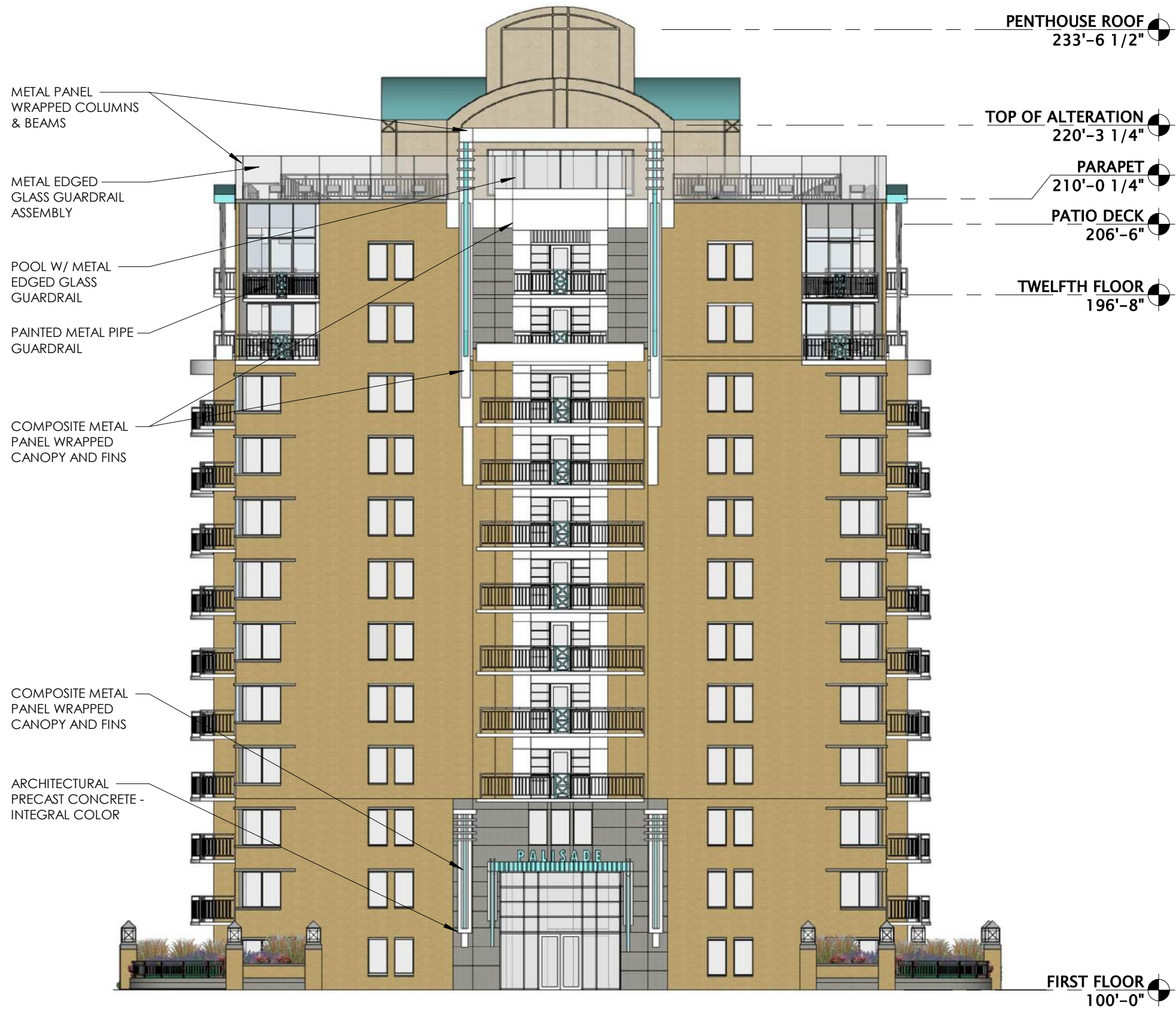


PALISADE APARTMENTS
EXISTING WEST ELEVATION

SCHEMATIC DESIGN SET - NOT FOR CONSTRUCTION
007

JLA PROJECT No: W22-0211

12.08.2022



GRILLING STATION &
COUNTERTOP W/ BACKSPLASH



PENTHOUSE ROOF
233'-6 1/2"

METAL PANEL WRAPPED
COLUMNS & BEAMS

TOP OF ALTERATION
220'-3 1/4"

PARAPET
210'-0 1/4"

PATIO DECK
206'-6"

POOL W/ METAL EDGED
GLASS GUARDRAIL

TWELFTH FLOOR
196'-8"

PAINTED METAL
PIPE GUARDRAIL

FIRST FLOOR
100'-0"

METAL PANEL WRAPPED
COLUMNS & BEAMS

POOL W/ METAL EDGED
GLASS GUARDRAIL

METAL EDGED
GLASS GUARDRAIL

PAINTED METAL
PIPE GUARDRAIL

PENTHOUSE ROOF
233'-6 1/2"

TOP OF ALTERATION
220'-0 1/4"

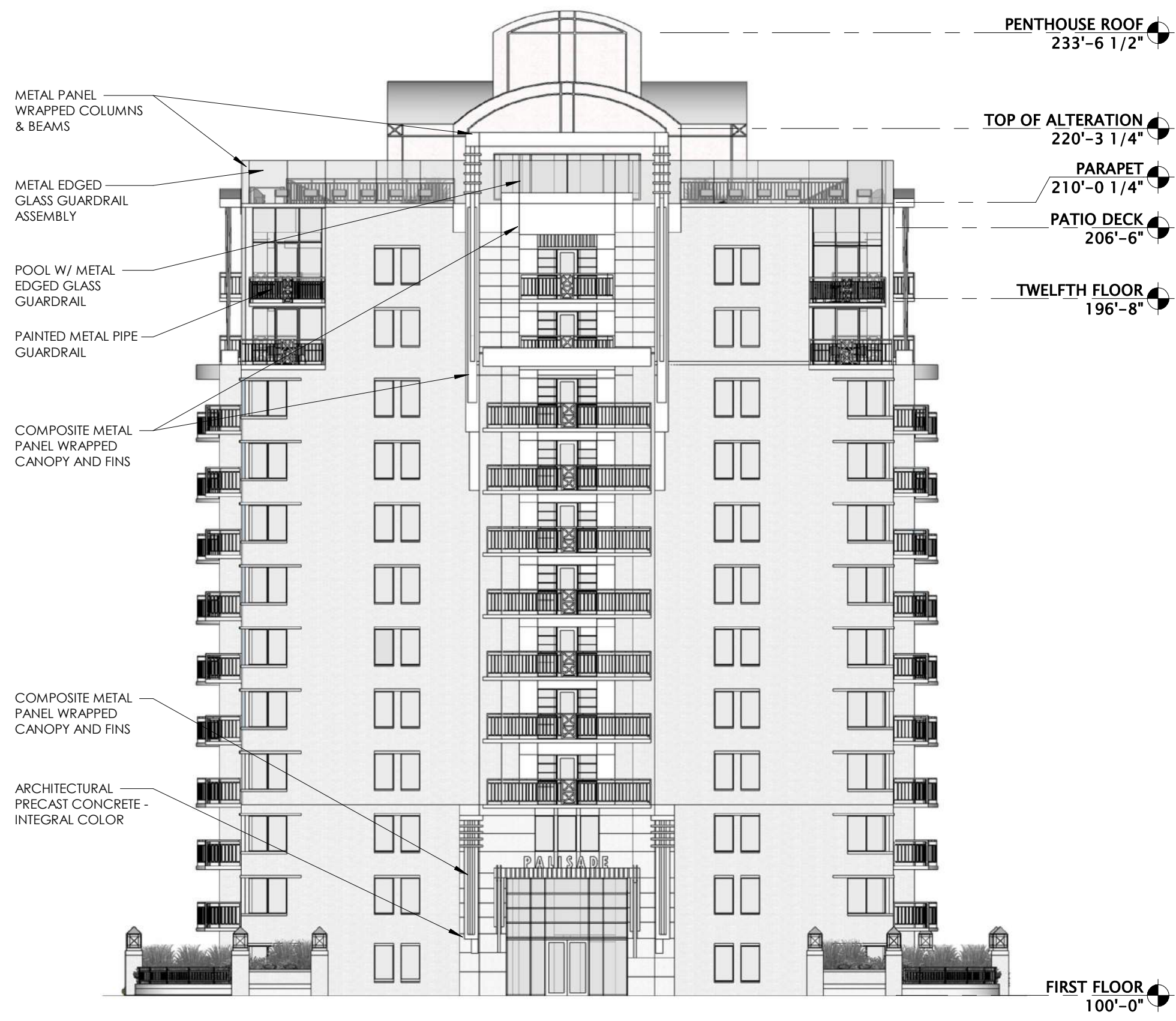
PARAPET
210'-0 1/4"

PATIO DECK
206'-6"

TWELFTH FLOOR
196'-8"

FIRST FLOOR
100'-0"





PALISADE APARTMENTS
 PROPOSED NORTH ELEVATION B/W

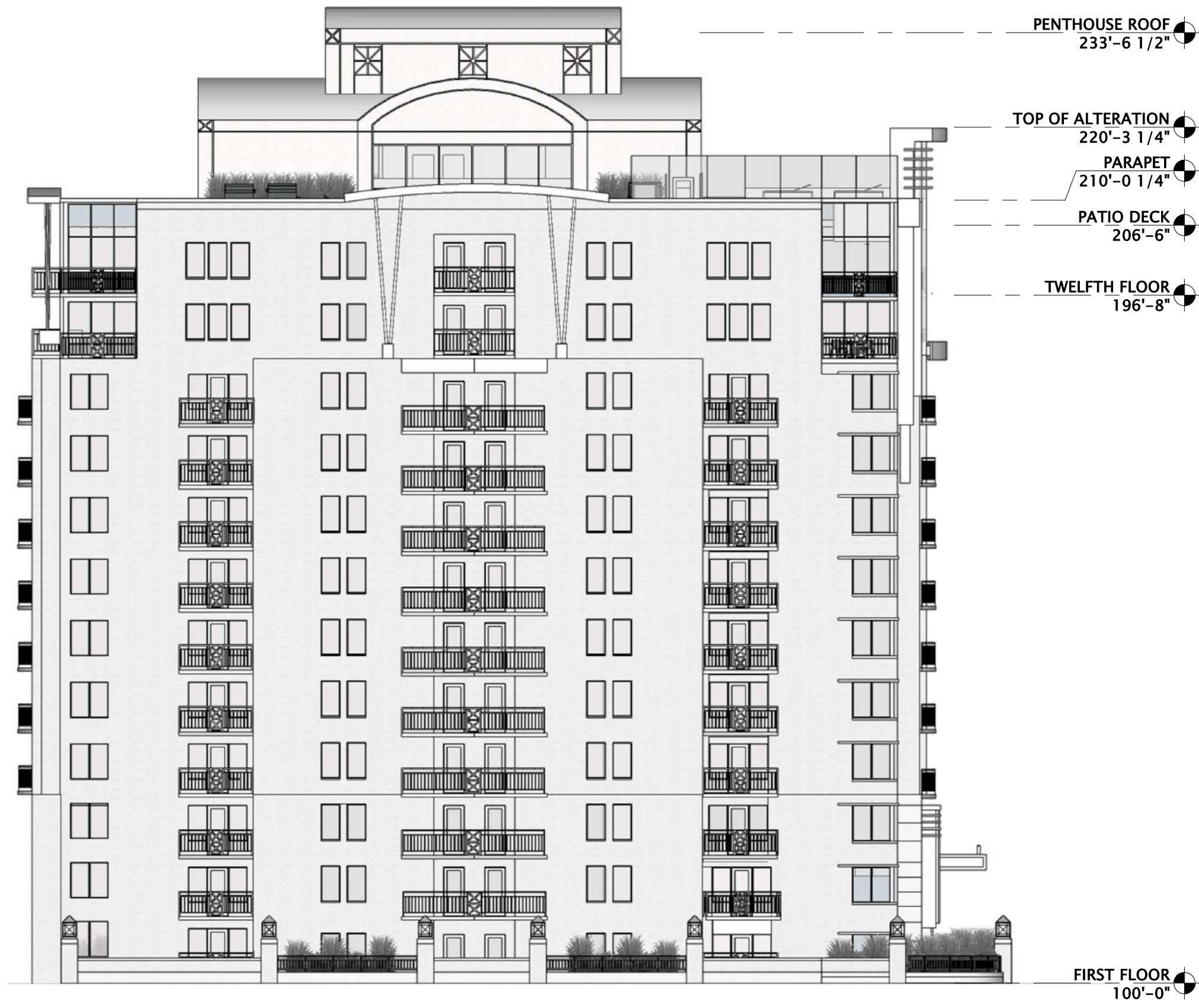
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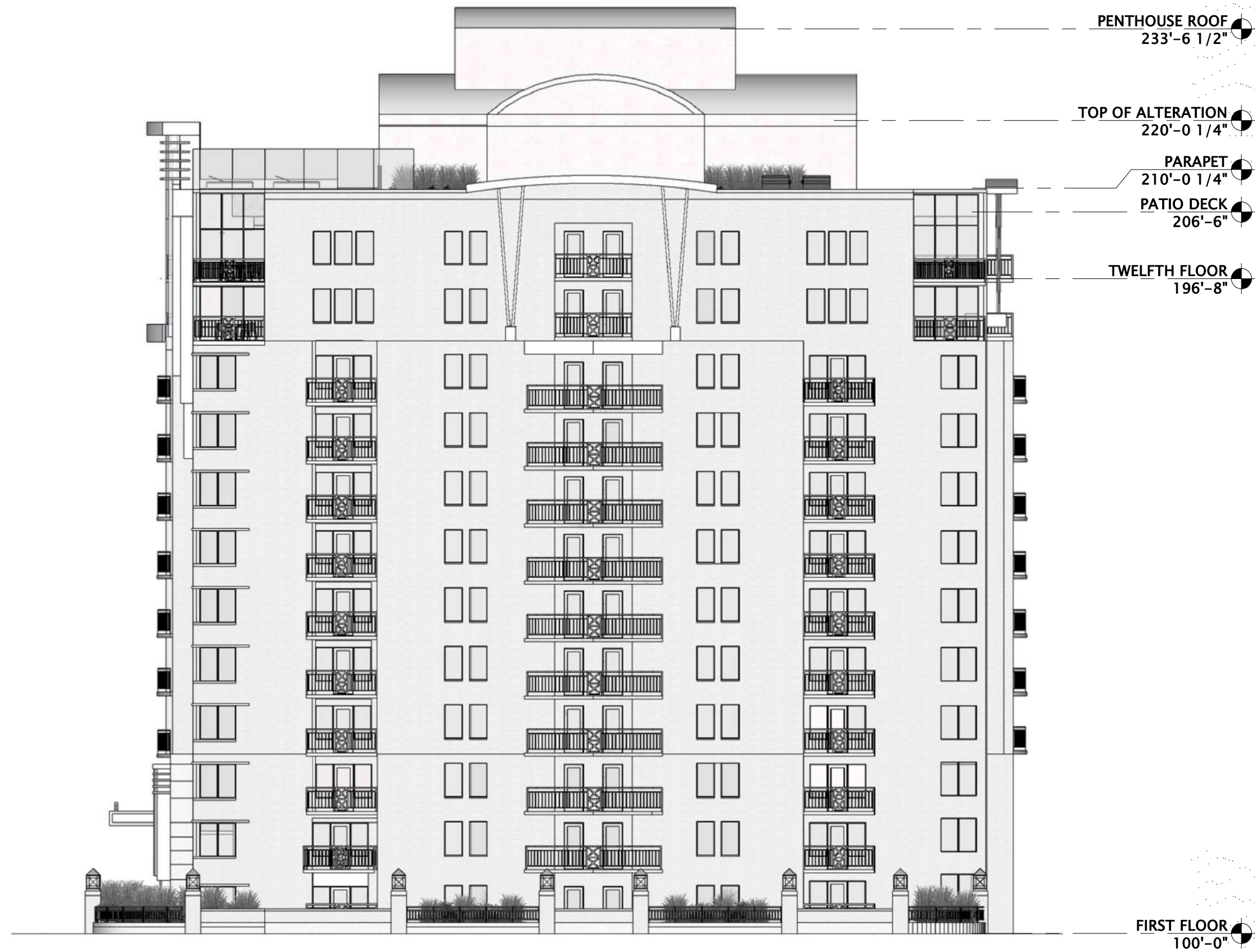
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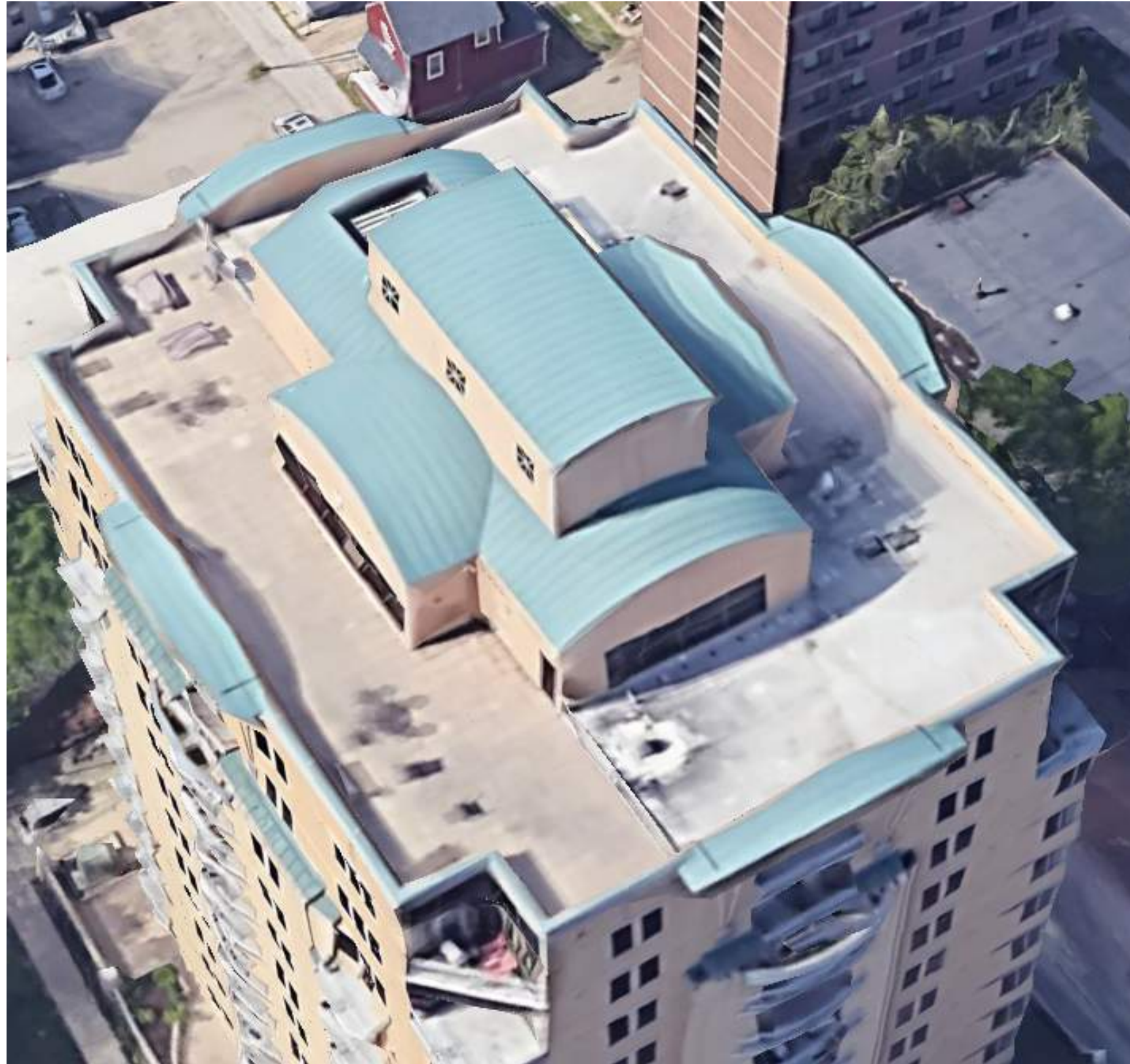
PALISADE APARTMENTS
 PROPOSED WEST ELEVATION B/W

SCHEMATIC DESIGN SET - NOT FOR CONSTRUCTION
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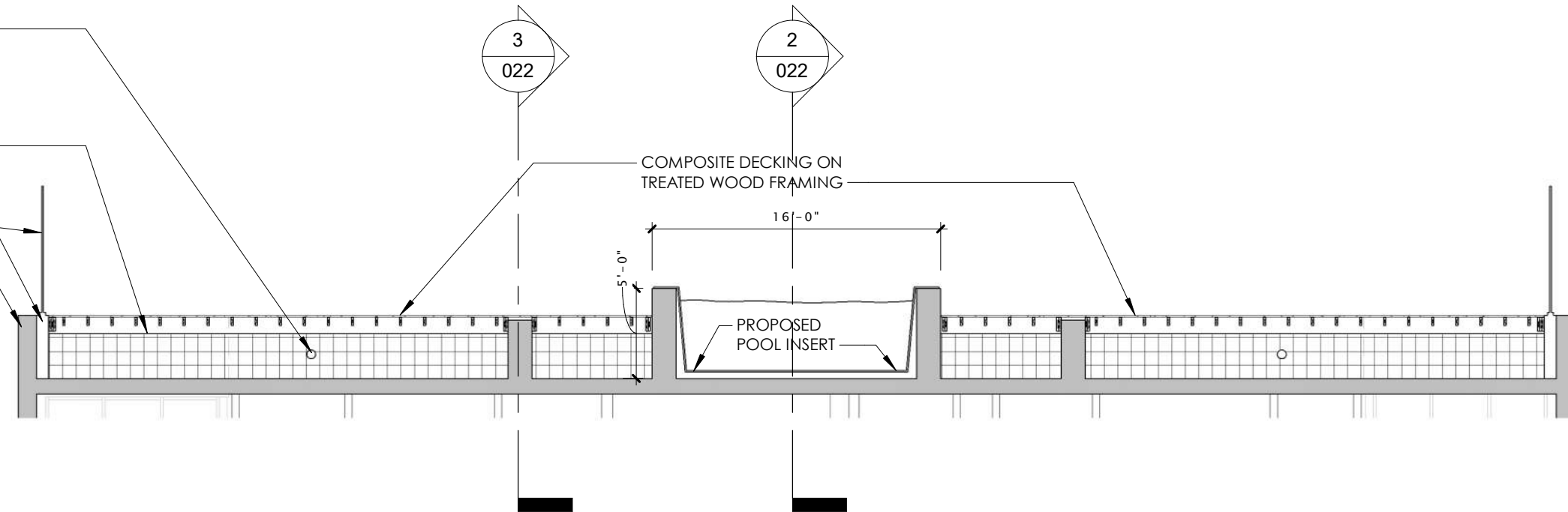


ROOF DRAIN PIPING TO RUN THRU
GEOFOAM AND DISCHARGE ONTO
ADJACENT EXISTING ROOF

PROPOSED EPDM ROOF MEMBRANE
ON SLOPED GEOFOAM INSULATION TO
FILL CAVITY UNDERNEATH NEW PATIO
PAVER SYSTEM - SLOPE TOWARDS ROOF
DRAINS

PROPOSED (7'-0" HEIGHT) SAFETY GLASS
PANE ATTACHED TO NEW SUPPORT
WALL

EXISTING PARAPET



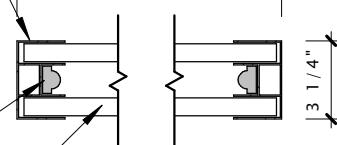
1 BUILDING SECTION @ POOL
1/8" = 1'-0"

PREFIN. MTL TRIM

APPROX. 1'-6"

STRIP LIGHTING TO RUN
CONTINUOUS THROUGH ALL
PANELS - PROVIDE FIXTURES ON
BOTH SIDES TO HAVE A CONSISTENT
BRIGHTNESS THROUGH THE PANEL

ACRYLIC PANELS @ 8'-0" LENGTHS -
FASTEN AND SEAL ALL JOINTS WITH
CLEAR SEALANT



2 WALL HUNG EXTERIOR LIGHT FIXTURE PLAN DETAIL
1 1/2" = 1'-0"

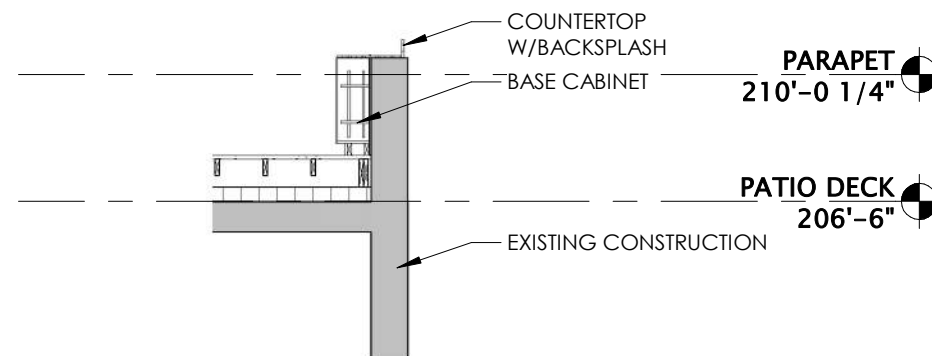
COUNTERTOP
W/BACKSPLASH

BASE CABINET

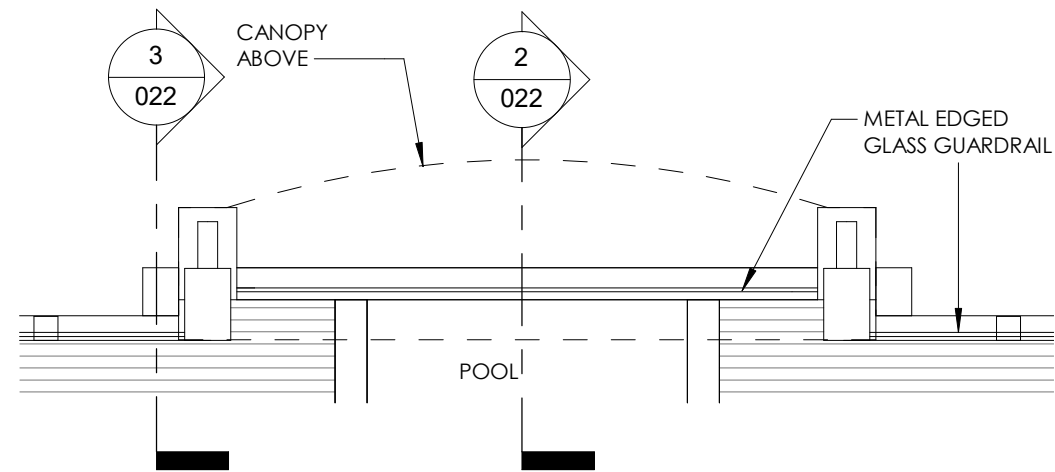
PARAPET
210'-0 1/4"

PATIO DECK
206'-6"

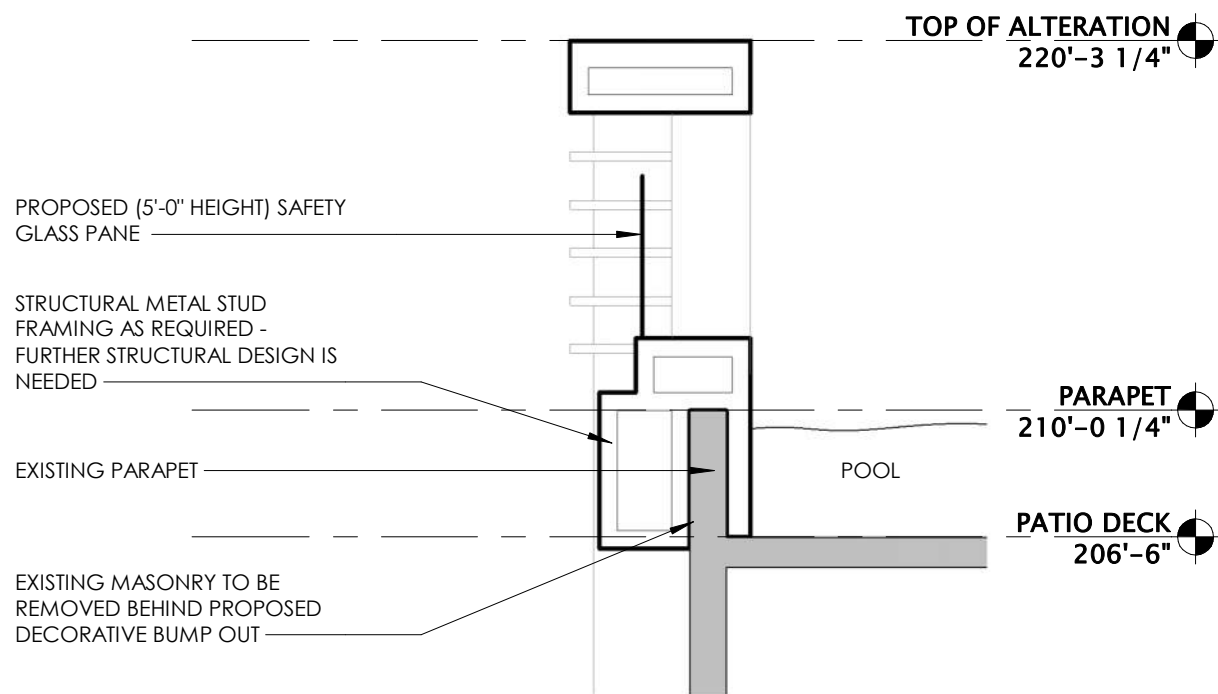
EXISTING CONSTRUCTION



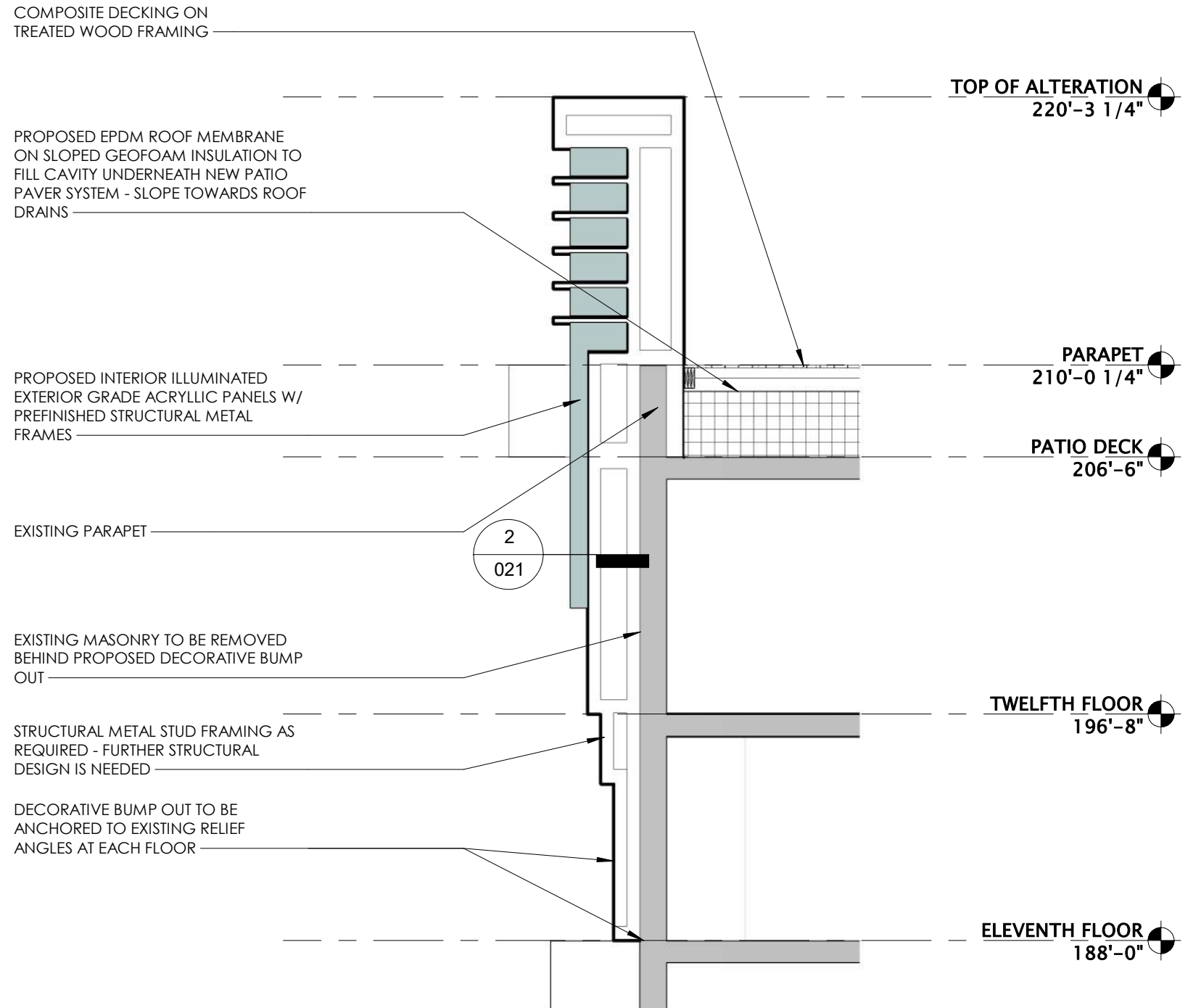
3 TYPICAL BASE CABINET W/ INTEGRAL BACKSPLASH
3/16" = 1'-0"



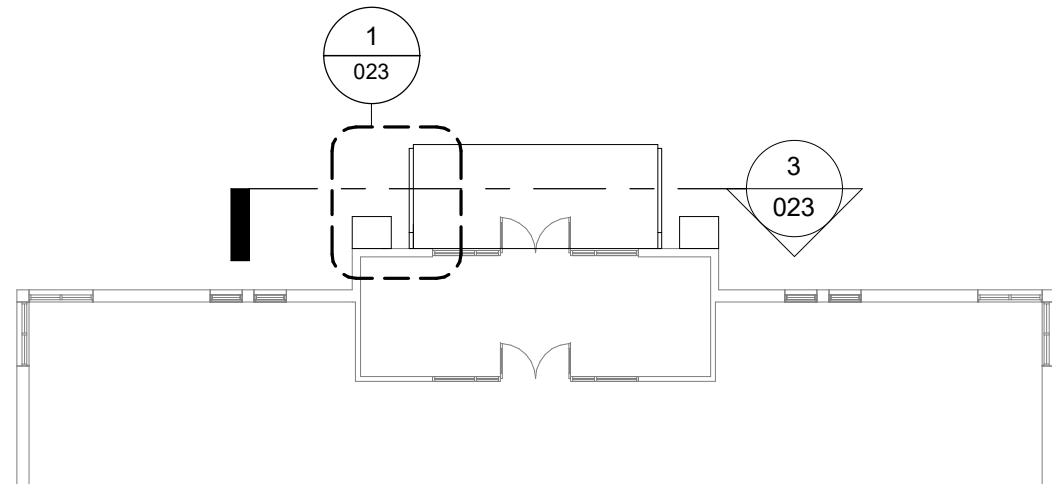
1 PROPOSED PENTHOUSE - ENLARGED PLAN
1/8" = 1'-0"



2 SECTION 2
3/16" = 1'-0"

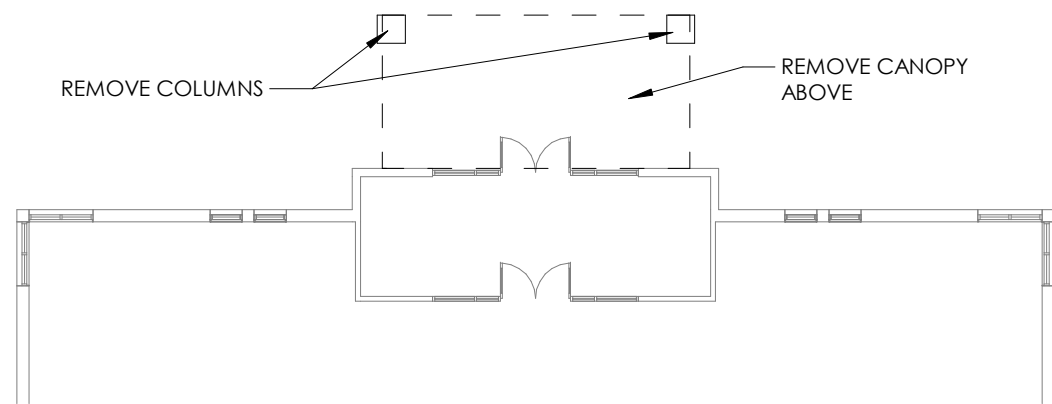


3 SECTION 1
3/16" = 1'-0"



PROPOSED FIRST FLOOR - MAIN ENTRY CANOPY

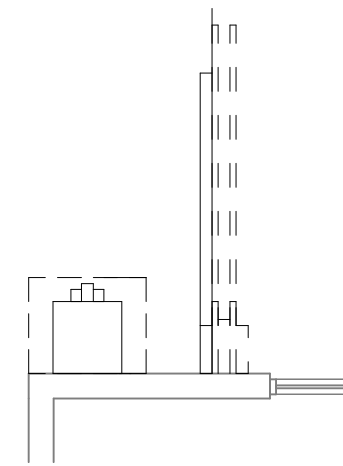
1/16" = 1'-0"



EXISTING FIRST FLOOR - MAIN ENTRY CANOPY

1/16" = 1'-0"

1 PLAN DETAIL
3/16" = 1'-0"



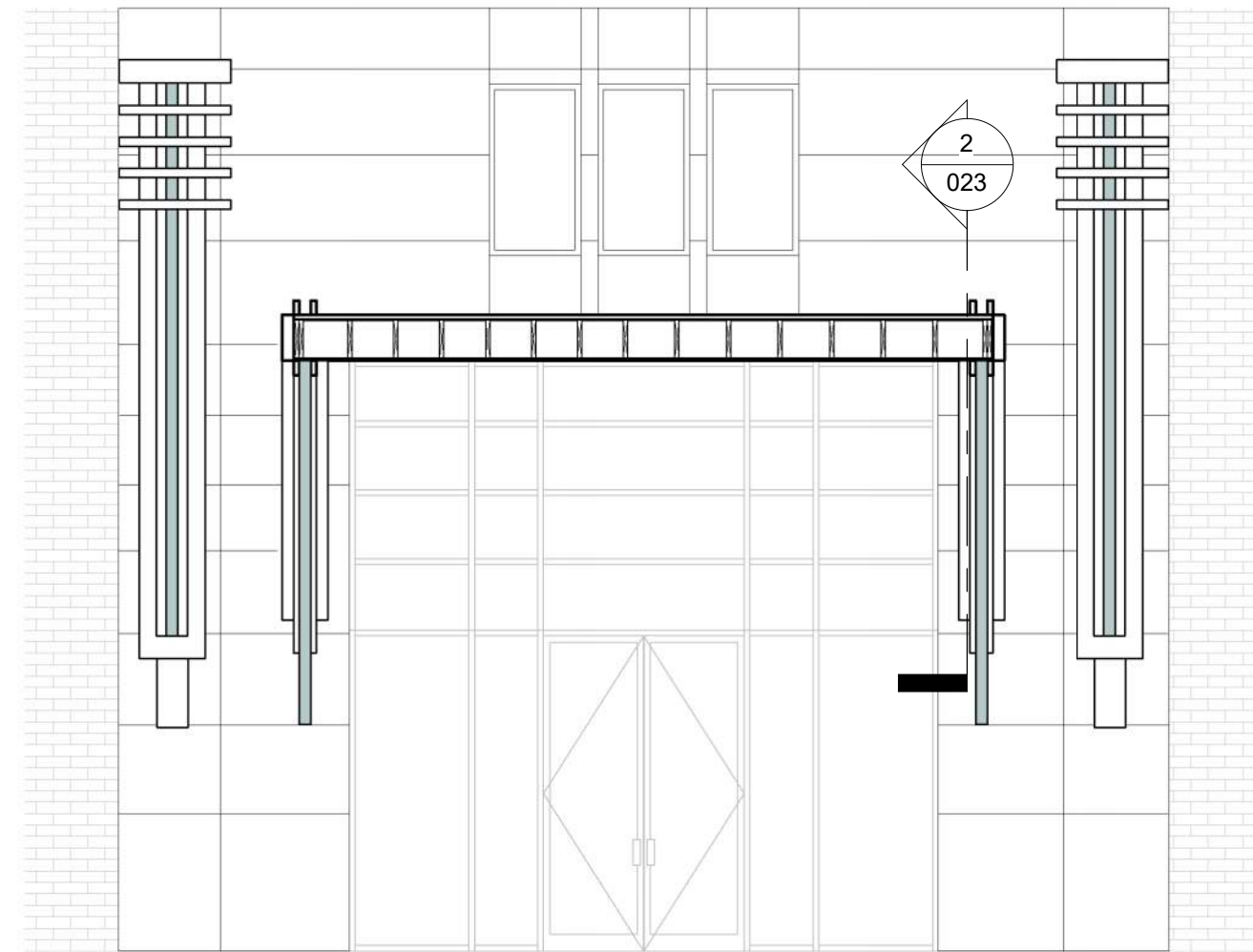
2 SECTION AT CANOPY
3/16" = 1'-0"

STRUCTURAL STEEL TUBE FRAMING AS REQUIRED - FURTHER STRUCTURAL DESIGN IS NEEDED

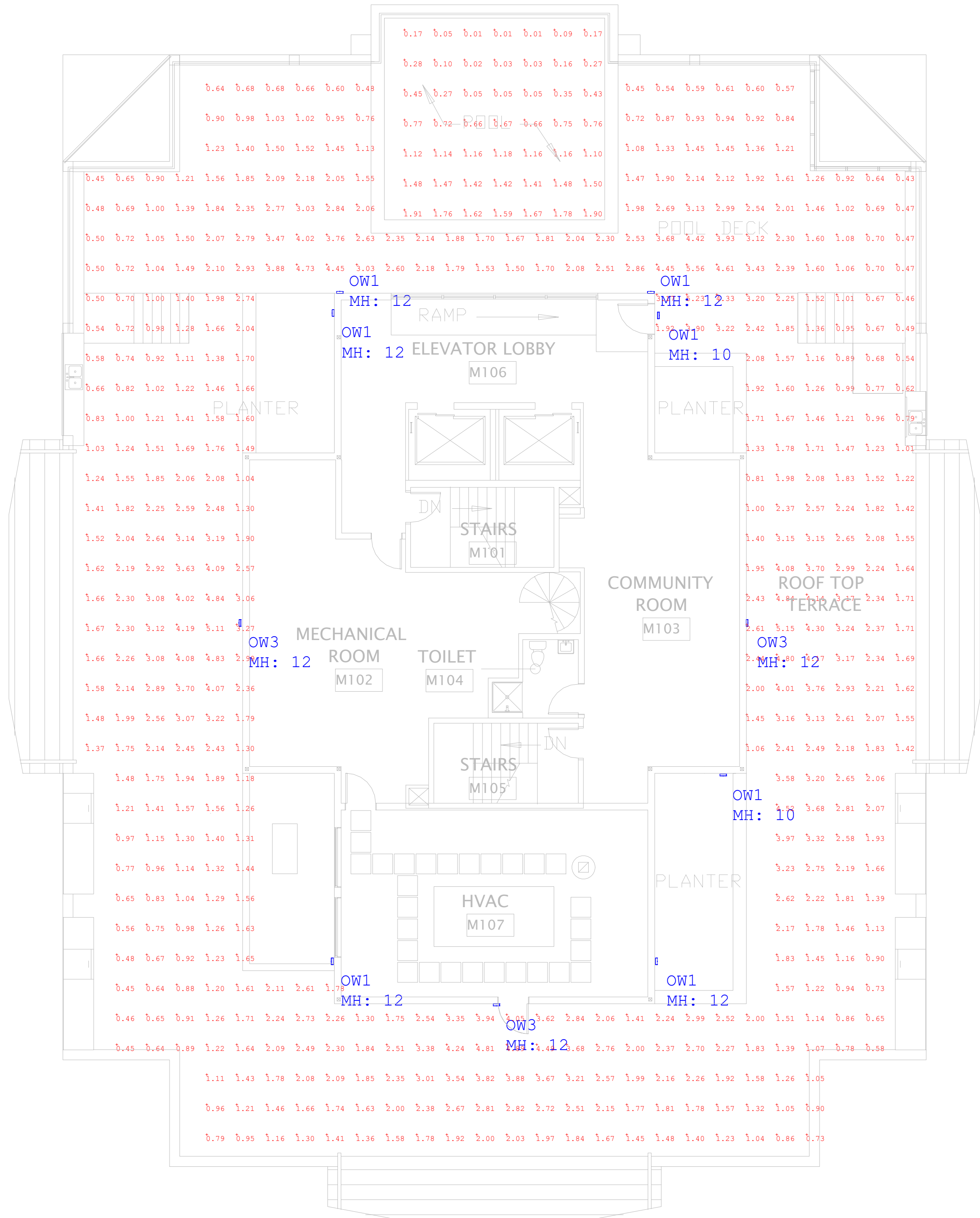
8" STEEL TUBE

3
023

THIRD FLOOR
118'-0"



3 SECTION AT CANOPY 2
3/16" = 1'-0"



Qty	Label	MFG	Description	LLF	Lum. Watts	Total Watts
7	OW1	LITHONIA	WPX1 LED P1 xxK MVOLT (finish)	0.950	11	77
3	OW3	LITHONIA	WPX1 LED P2 xxK MVOLT (finish)	0.950	24	72

Label	Units	Avg	Max	Min	Max/Min	Avg/Min
Pool Surface_Planar	Fc	0.79	1.91	0.01	191.00	79.00
Roof Deck_Planar	Fc	1.93	5.56	0.43	12.93	4.49

NOTE: DOES NOT MEET IES RECOMMENDED FOOTCANDLES NEAR THE POOL DECK AND NOT RECOMMENDED FOR SAFETY REASONS.



DATE	COMMENTS
	SCHEMATIC DESIGN PLAN SET
	NOT FOR CONSTRUCTION

#	REVISIONS

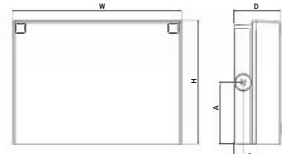
DRAWN BY : JT	PALISADE APARTMENTS
DATE : 12-9-2022	MADISON, WI
SCALE : 1/8" = 1'	PENTHOUSE LIGHTING LAYOUT



WPX LED Wall Packs



Specifications



Front View Side View

Luminaire	Height (H)	Width (W)	Depth (D)	Side Conduit Location		Weight
				A	B	
WPX1	8.1" (20.6 cm)	11.1" (28.3 cm)	3.2" (8.1 cm)	4.0" (10.3 cm)	0.6" (1.6 cm)	6.1 lbs (2.8kg)
WPX2	9.1" (23.1 cm)	12.3" (31.1 cm)	4.1" (10.5 cm)	4.5" (11.5 cm)	0.7" (1.7 cm)	8.2 lbs (3.7kg)
WPX3	9.5" (24.1 cm)	13.0" (33.0 cm)	5.5" (13.7 cm)	4.7" (12.0 cm)	0.7" (1.7 cm)	11.0 lbs (5.0kg)

Introduction

The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing solutions for both HID wall pack replacement and new construction opportunities. Available in three sizes, the WPX family delivers 1,550 to 9,200 lumens with a wide, uniform distribution.

The WPX full cut-off solutions fully cover the footprint of the HID glass wall packs that they replace, providing a neat installation and an upgraded appearance. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life. Photocell and emergency egress battery options make WPX ideal for every wall mounted lighting application.

Ordering Information

EXAMPLE: WPX2 LED 40K MVOLT DDBXD

Series	Color Temperature	Voltage	Options	Finish
WPX1 LED P1	1,550 Lumens, 11W ¹	30K 3000K	(blank) None	DDBXD Dark bronze
WPX1 LED P2	2,900 Lumens, 24W	40K 4000K	E4WH Emergency battery backup, CEC compliant (4W, 0°C min) ²	DWHXD White
WPX2 LED	6,000 Lumens, 47W	50K 5000K	E14WC Emergency battery backup, CEC compliant (14W, -20°C min) ²	DBLXD Black
WPX3 LED	9,200 Lumens, 69W		PE Photocell ³	Note: For other options, consult factory.

Performance Data

Electrical Load

Luminaire	Input Power (W)	120V	208V	240V	277V	347V
WPX1 LED P1	11W	0.09	0.05	0.05	0.04	0.03
WPX1 LED P2	24W	0.20	0.12	0.10	0.09	0.07
WPX2	47W	0.39	0.23	0.20	0.17	0.14
WPX3	69W	0.58	0.33	0.29	0.25	0.20

Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a 25°C ambient, based on 6,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11). To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.94	>0.92	>0.90

HID Replacement Guide

Luminaire	Equivalent HID Lamp	WPX Input Power
WPX1 LED P1	100W	11W
WPX1 LED P2	150W	24W
WPX2	250W	47W
WPX3	400W	69W

Lumen Output

Luminaire	Color Temperature	Lumen Output
WPX1 LED P1	3000K	1,537
	4000K	1,568
	5000K	1,602
WPX1 LED P2	3000K	2,748
	4000K	2,912
	5000K	2,954
WPX2	3000K	5,719
	4000K	5,896
	5000K	6,201
WPX3	3000K	8,984
	4000K	9,269
	5000K	9,393

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Emergency Egress Battery Packs

The emergency battery backup is integral to the luminaire — no external housing or back box is required. The emergency battery will power the luminaire for a minimum duration of 90 minutes and deliver minimum initial output of 550 lumens. Both battery pack options are CEC compliant.

Battery Type	Minimum Temperature Rating	Power (Watts)	Controls Option	Ordering Example
Standard	0°C	4W	E4WH	WPX2 LED 40K MVOLT E4WH DDBXD
Cold Weather	-20°C	14W	E14WC	WPX2 LED 40K MVOLT E14WC DDBXD

PROPOSED DETAIL LIGHTING CUT SHEET



5.5 RGBW SERIES 2 RIBBONLYTE

5.5 RGBW Series 2 RibbonLyte is a color changing ribbon controlled with DMX. Each diode uses four separate chips (red, green, blue and white) to provide flawless color blending. Three CCT choices (2700K, 3000K, 4000K) deliver varied levels of brightness. Our RGBW Series 2 RibbonLyte offers better pixel density and shorter cut lengths for more custom fixture options than ever before. Available in IP65 or IP68.

- Color changing with DMX controls
- Improved pitch of 36 LEDs per foot
- Increased efficacy and lumen output
- Tighter cut lengths of 2 in. (50 mm)
- Closet rated (standalone or surface channels)

Applications:

Commercial Entertainment Healthcare Hospitality Museums Public Spaces Residential Retail



RoHS IP65 IP68



SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

5.5 RGBW Series 2 RibbonLyte	
Operating Voltage	24 V
Power Consumption	5.5 W/ft (18.0 W/m)
Current (mA) - 24V	229 mA/ft (752 mA/m)
LED Pitch	36 LEDs/ft (120 LEDs/m)
Protection Rating	IP65, IP68
Dimming/Control	DMX / Lutron Hi-Lume 1% dimming & Hi-Lume Premier 0.1% L3DO LED drivers / Lutron VIVE code compliance available
Operating Temperature	-40° F to 140° F (-40° C to 60° C)
Colors/Color Temperatures	RGBW (2700K), RGBW (3000K), RGBW (4000K)
Lumens - RGBW	305 lm/ft (1000 lm/m) All LEDs at 100%
Binning Tolerance	+/- 100K (White)
LED Beam Angle	120°
Lamp Life	50,000 Hours
Cuttable Length	1.97 in. (50 mm)
Lumens/Watt - RGBW	59 lm/W (All LEDs at 100%)
Constant Voltage	✓
Cable Length	12 in. (30.5 cm)
Certifications	UL 2108 Issued: 2016/06/17 Ed: 1 Rev: 2021/10/16 Low Voltage Lighting Systems. CSA C22.2 No. 250.0, General Requirements for Luminaires. ROHS compliant UL 2108. Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

PROPOSED DETAIL LIGHTING CUT SHEET



PALISADE APARTMENTS
MINOR ALTERATIONS UDC SUBMITTAL

FIXTURE CUT SHEETS

JLA PROJECT No:	W22-0211
DATE OF ISSUANCE:	12.08.2022
SCHMATIC DESIGN	NOT FOR CONSTRUCTION