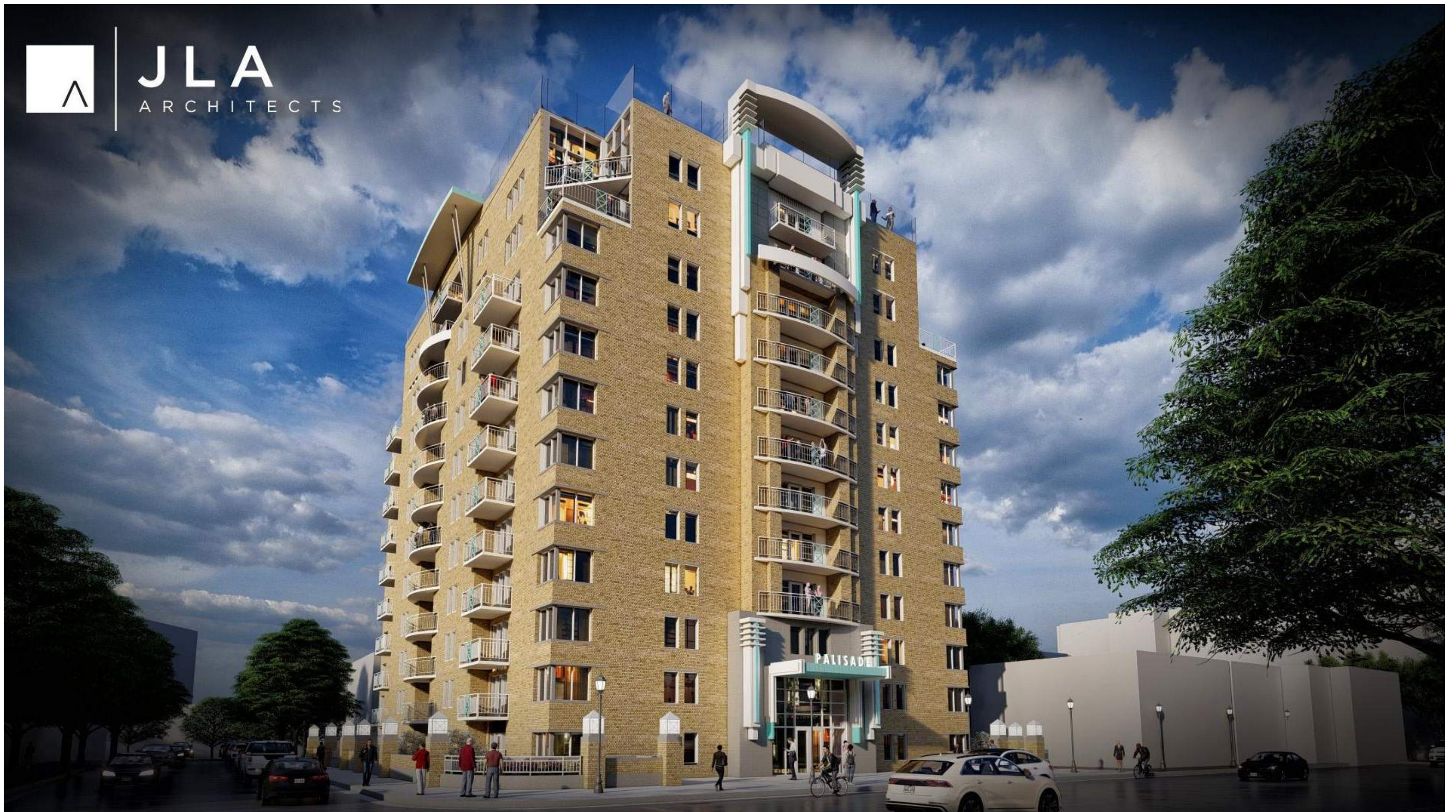




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PALISADE APARTMENTS
MINOR ALTERATIONS UDC SUBMITTAL

COVER

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

001

PROJECT ADDRESS

PALISADE APARTMENTS

535 W. JOHNSON STREET MADISON, WI 53703

OWNER INFORMATION

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MAIN: 608.770.2332



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

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12.08.2022

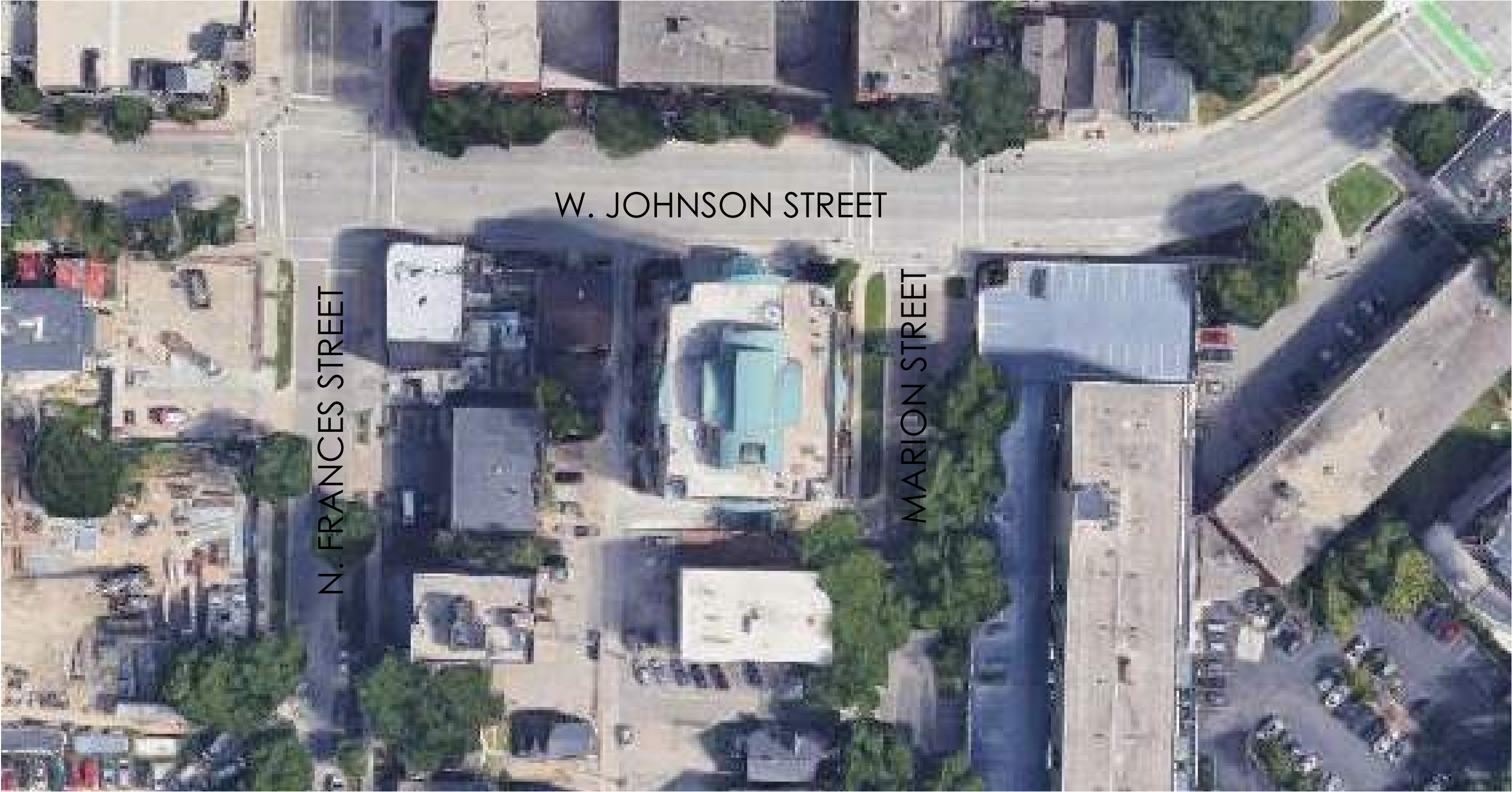
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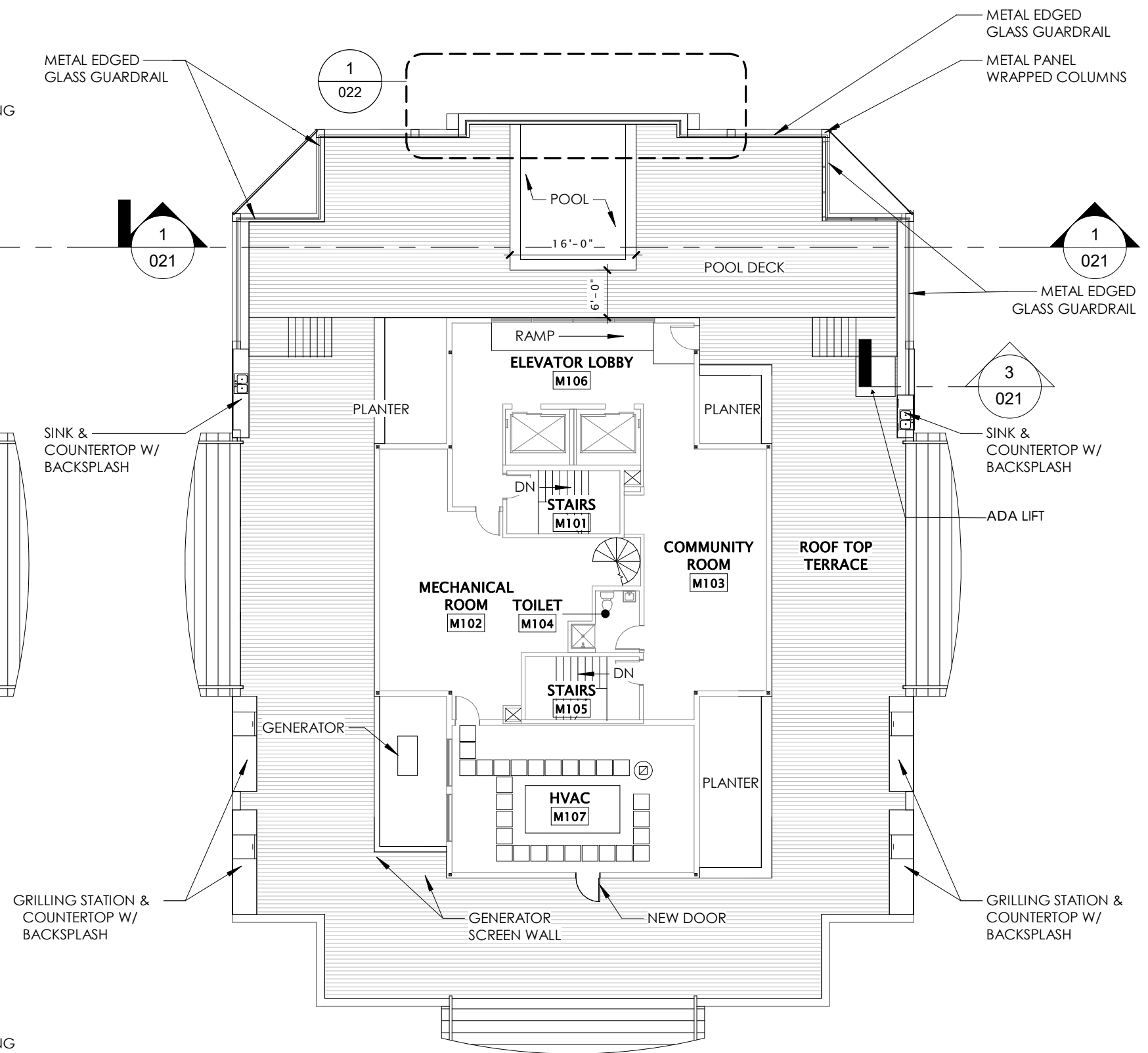
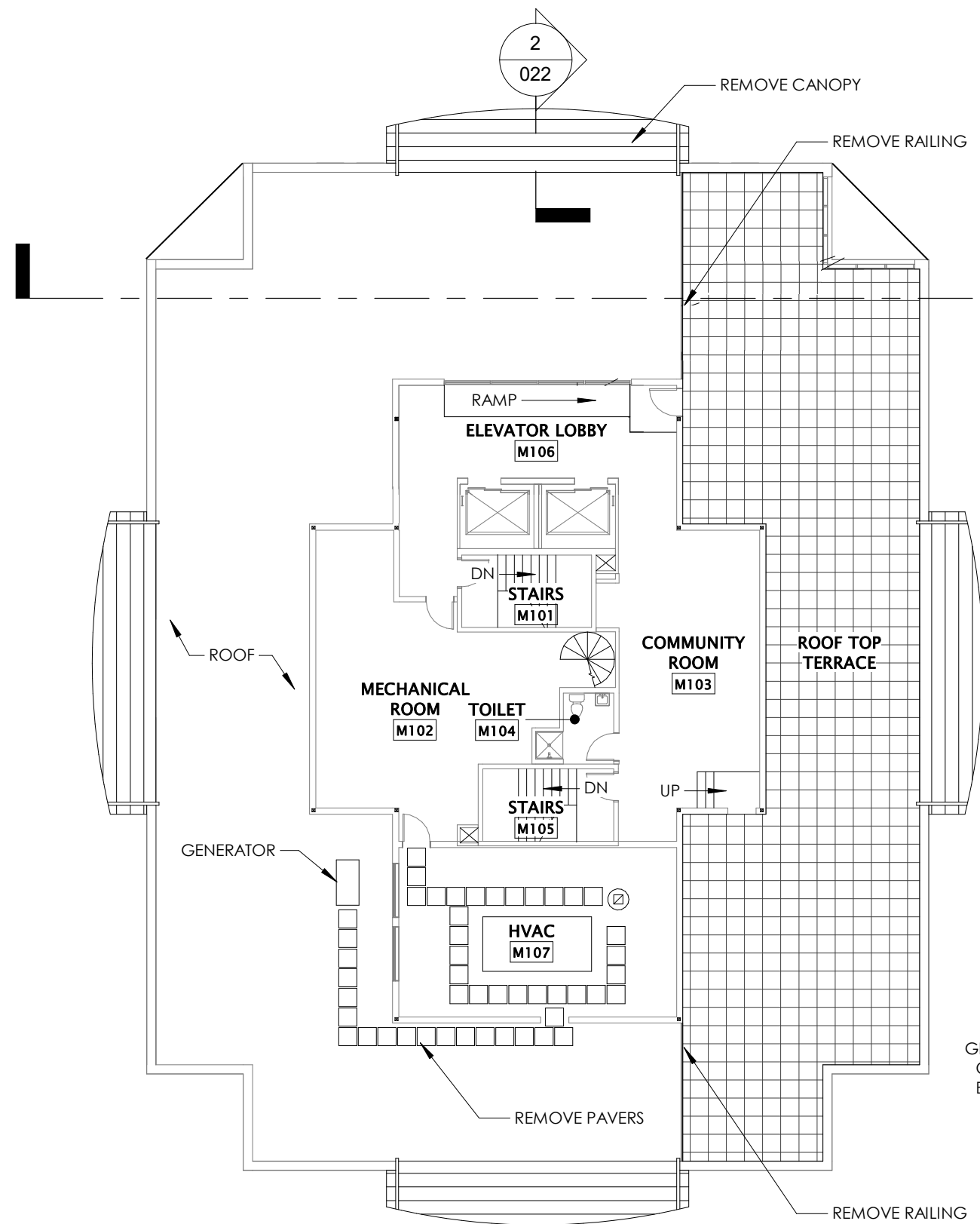
SHEET INDEX			
SHEET NUMBER		REVISIONS	
		Mark	Date
001	COVER		
002	INDEX		
003	EXISTING SITE PLAN		
004	PENTHOUSE PLANS		
005	EXISTING NORTH ELEVATION		
006	EXISTING EAST ELEVATION		
007	EXISTING WEST ELEVATION		
008	PROPOSED NORTH ELEVATION		
009	PROPOSED EAST ELEVATION		
010	PROPOSED WEST ELEVATION		
011	PROPOSED NORTH ELEVATION B/W		
012	PROPOSED EAST ELEVATION B/W		
013	PROPOSED WEST ELEVATION B/W		
014	EXISTING ROOF PHOTO		
015	EXISTING ROOF PHOTO		
016	EXISTING W JOHNSON PHOTO		
017	PROPOSED ROOF RENDERING		
018	PROPOSED ROOF RENDERING		
019	PROPOSED NIGHT RENDERING		
020	PROPOSED W. JOHNSON STREETSCAPE		
021	PROPOSED SECTIONS & DETAILS		
022	PROPOSED SECTIONS		
023	FIRST FLOOR MAIN ENTRY		
024	PRECEDENT IMAGERY & MATERIAL COLOR		
L-001	GROUND LEVEL LANDSCAPING PLAN		
L-002	ROOF LANDSCAPING PLAN		
E-1	PROPOSED PENTHOUSE LIGHTING PLAN		
E-2	FIXTURE CUT SHEETS		

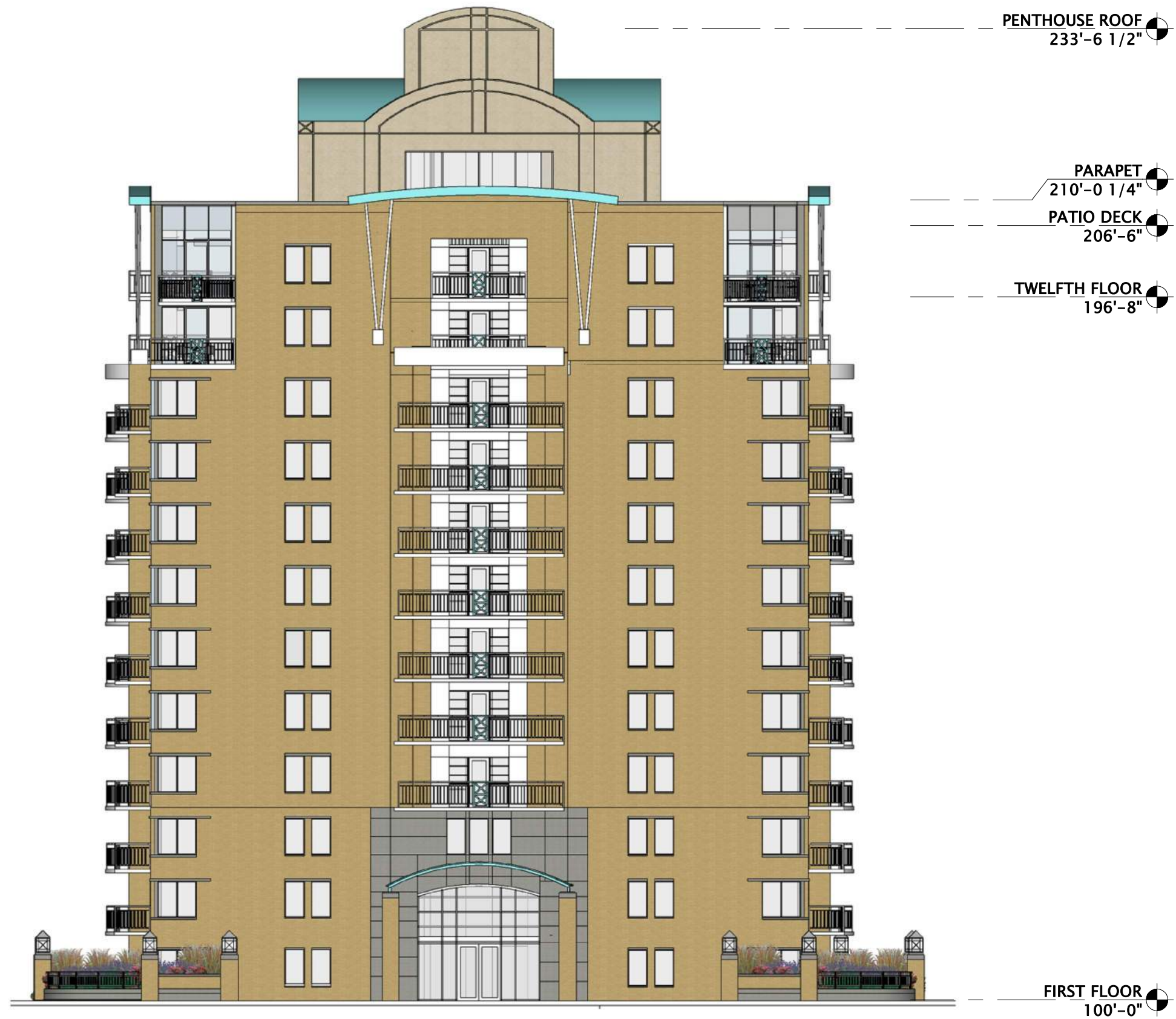


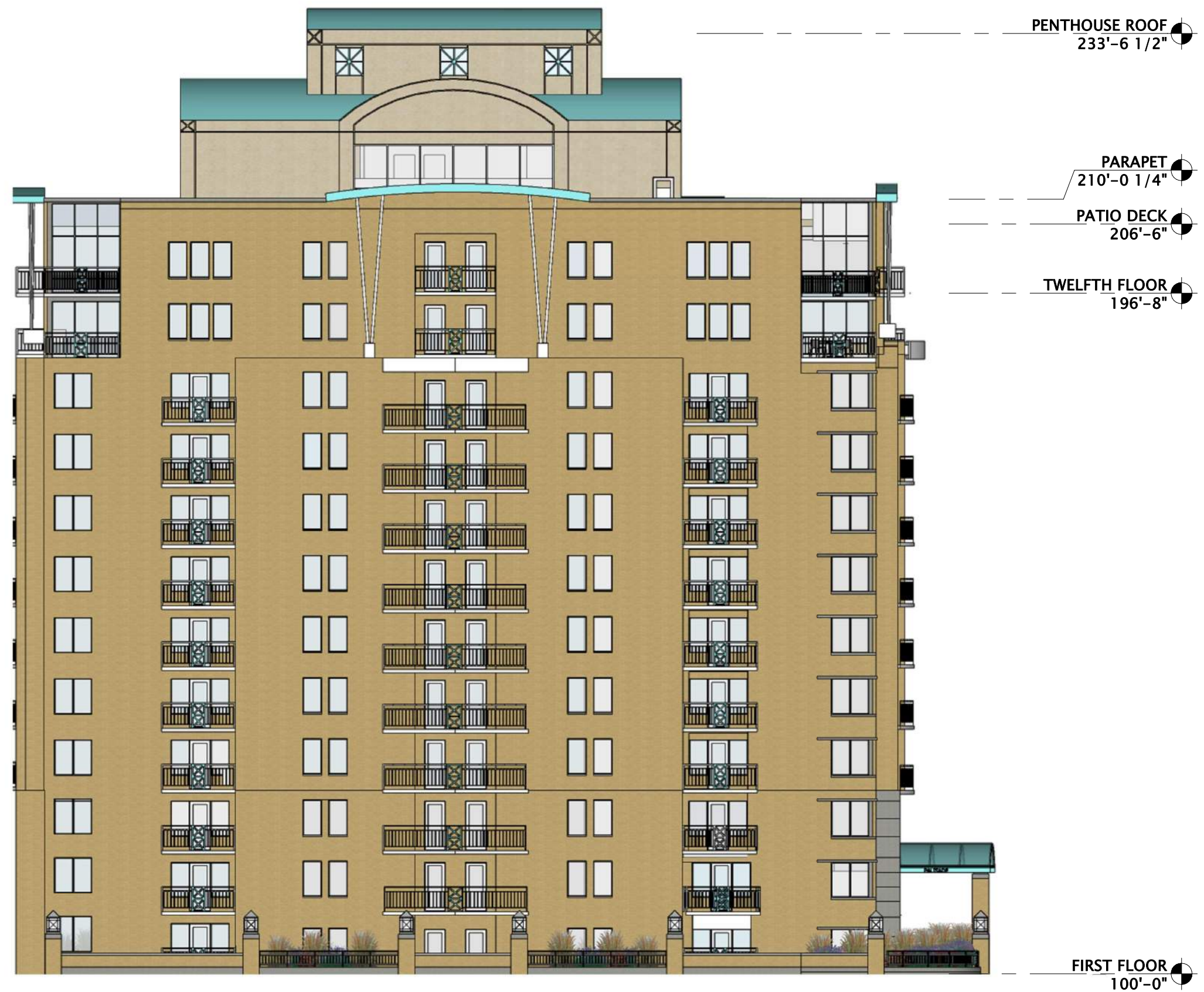
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DATE OF ISSUANCE:	12.08.2022	
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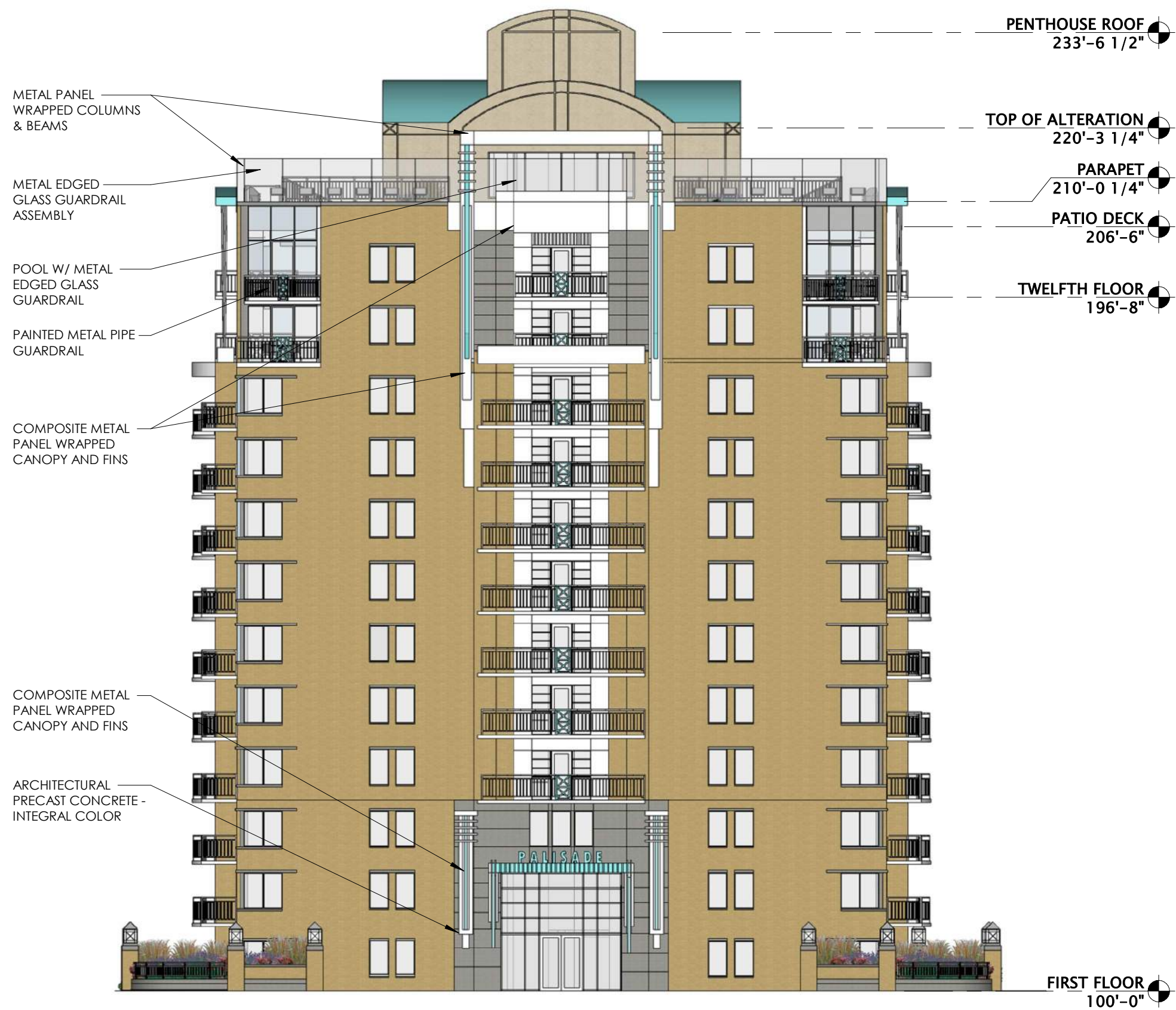














METAL PANEL WRAPPED
COLUMNS & BEAMS

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"

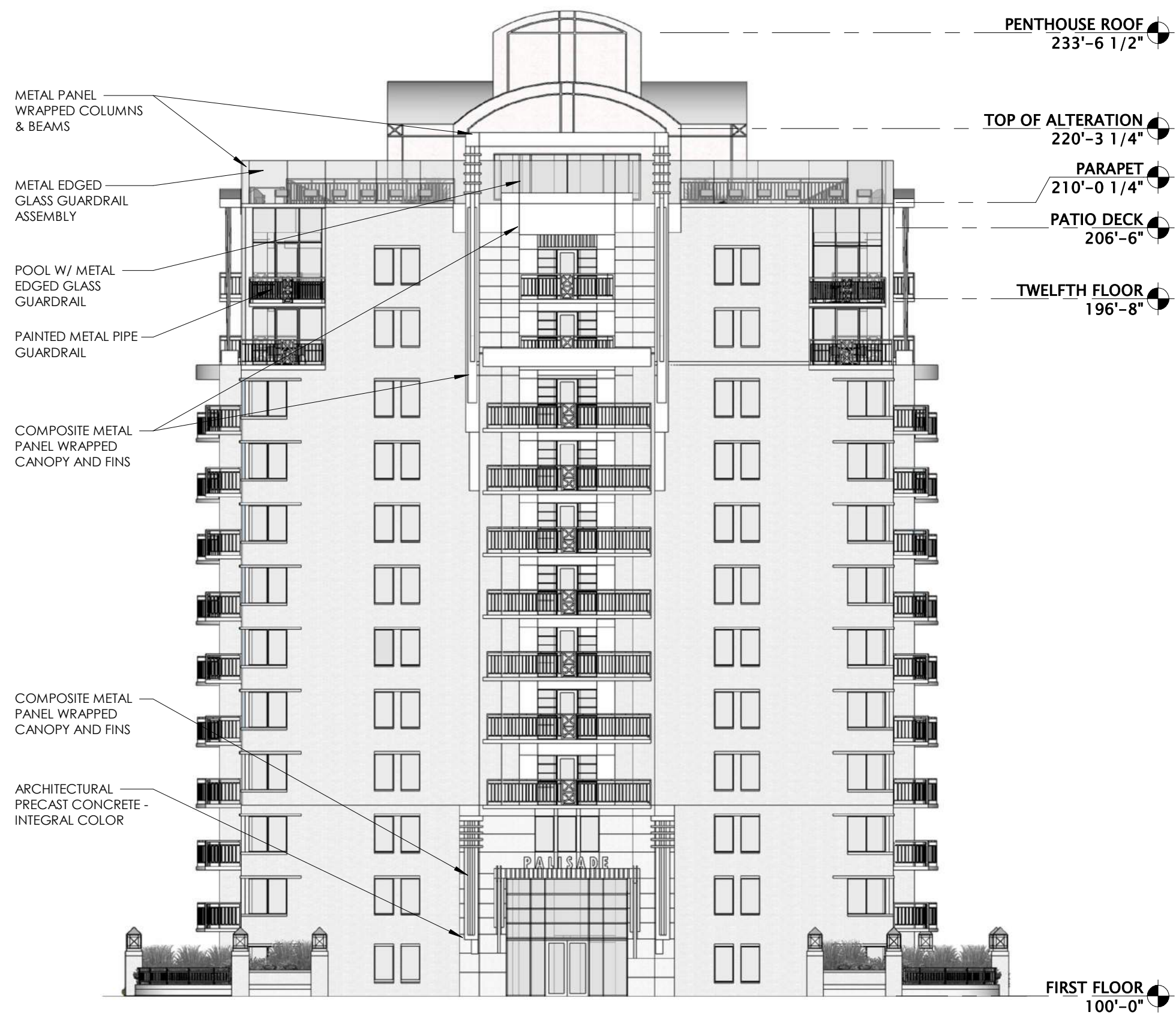
FIRST FLOOR
100'-0"

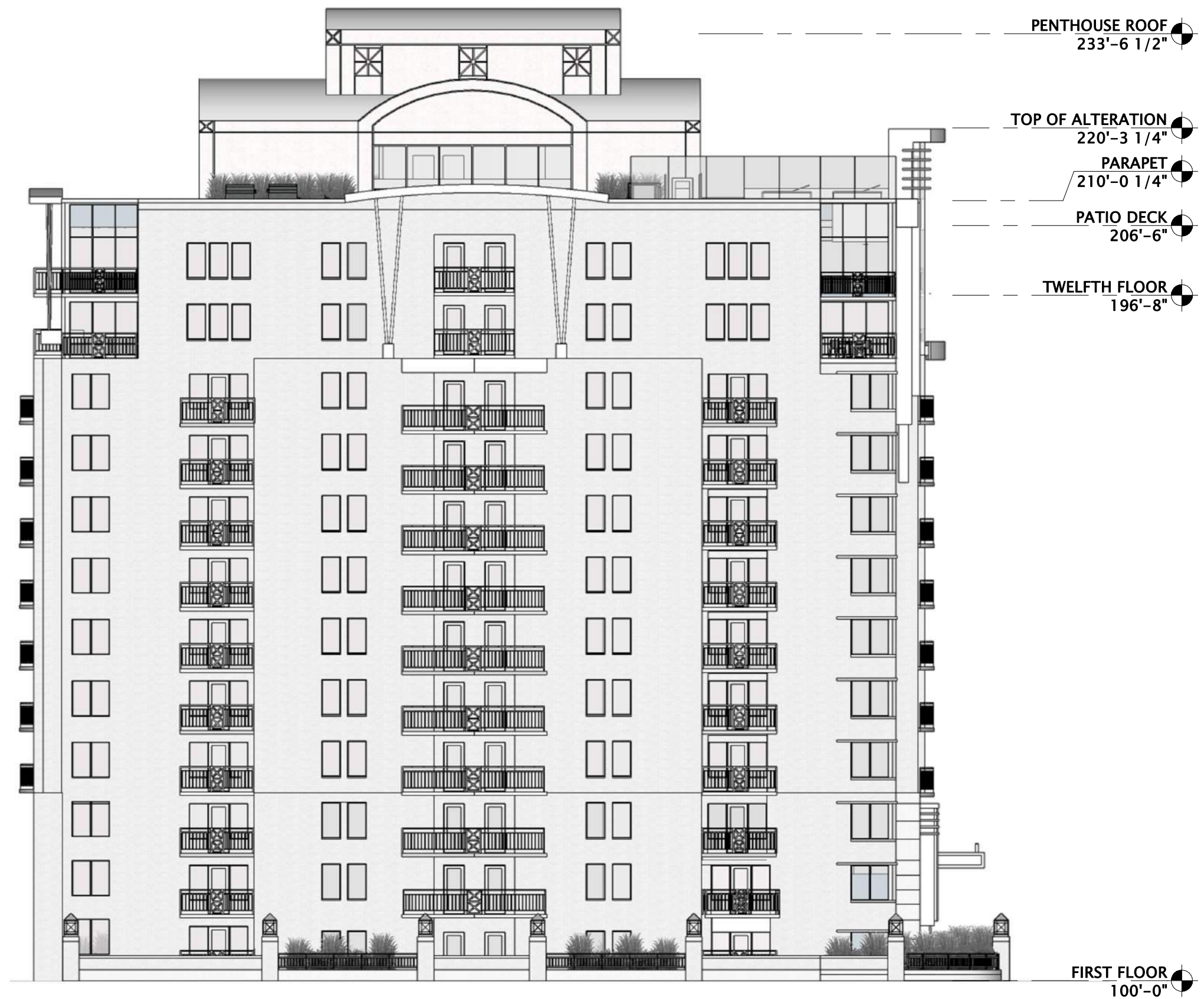
PALISADE APARTMENTS
PROPOSED WEST ELEVATION

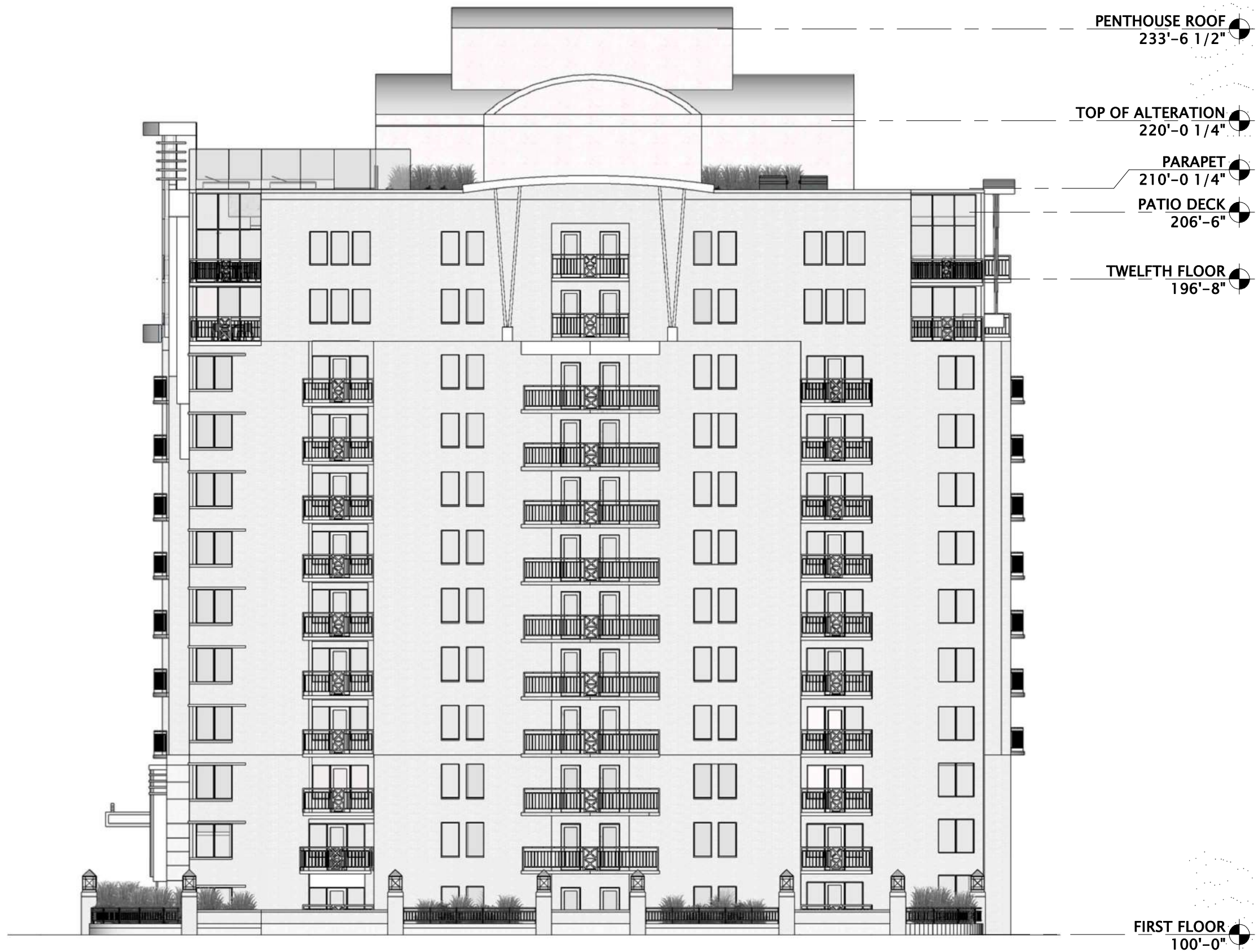
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JLA PROJECT No: W22-0211

12.08.2022















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PROPOSED ROOF RENDERING

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PALISADE APARTMENTS
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PROPOSED ROOF RENDERING

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PROPOSED W JOHNSON RENDERING

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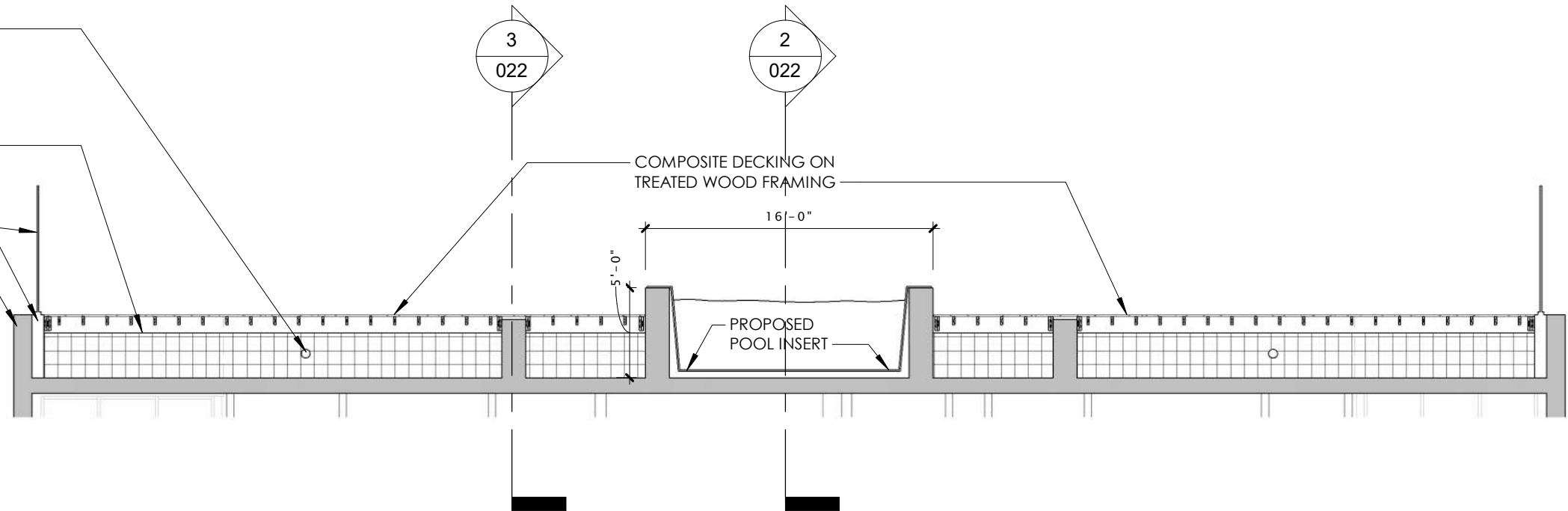


ROOF DRAIN PIPING TO RUN THRU
GEOFOAM AND DISCHARGE ONTO
ADJACENT EXISTING ROOF

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



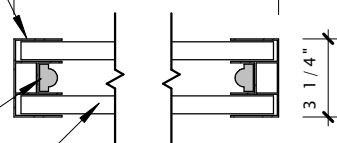
1 BUILDING SECTION @ POOL
1/8" = 1'-0"

PREFIN. MTL TRIM

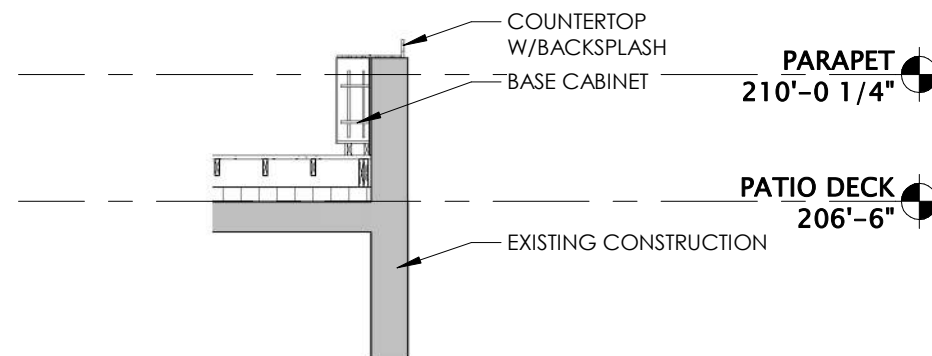
APPROX. 1'-6"

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

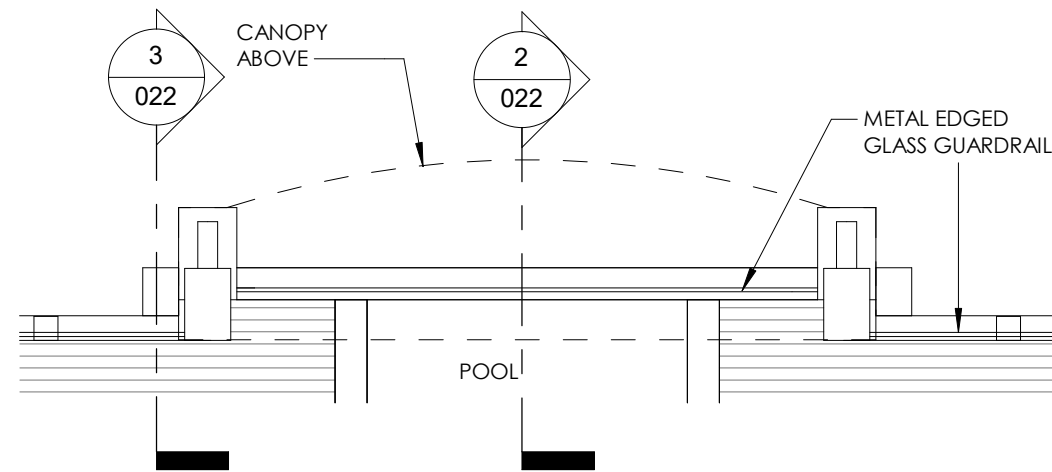
ACRYLIC PANELS @ 8'-0" LENGTHS -
FASTEN AND SEAL ALL JOINTS WITH
CLEAR SEALANT



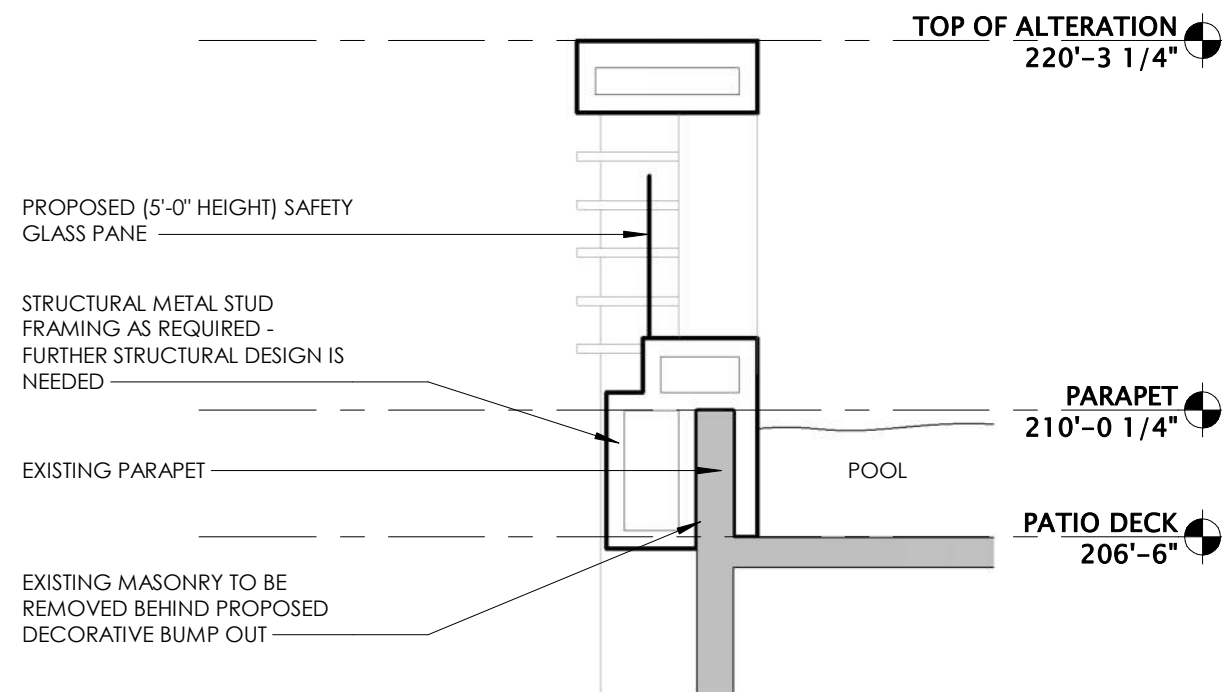
2 WALL HUNG EXTERIOR LIGHT FIXTURE PLAN DETAIL
1 1/2" = 1'-0"



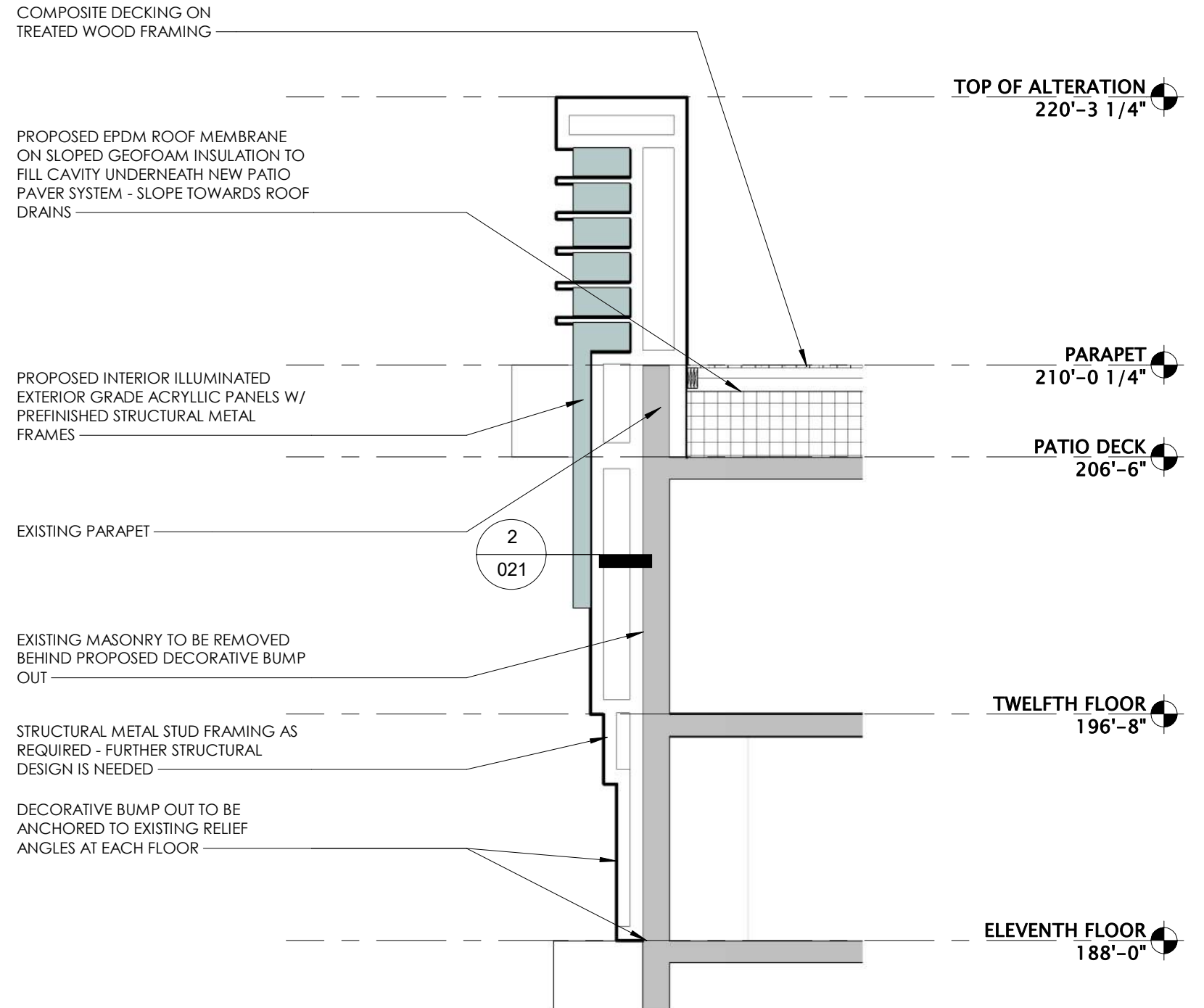
3 TYPICAL BASE CABINET W/ INTEGRAL BACKSPLASH
3/16" = 1'-0"



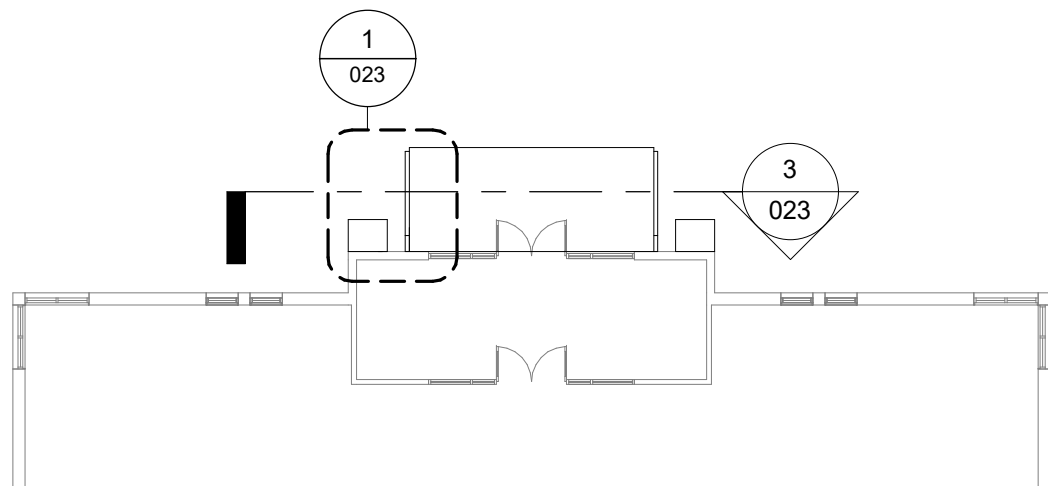
1 PROPOSED PENTHOUSE - ENLARGED PLAN
1/8" = 1'-0"



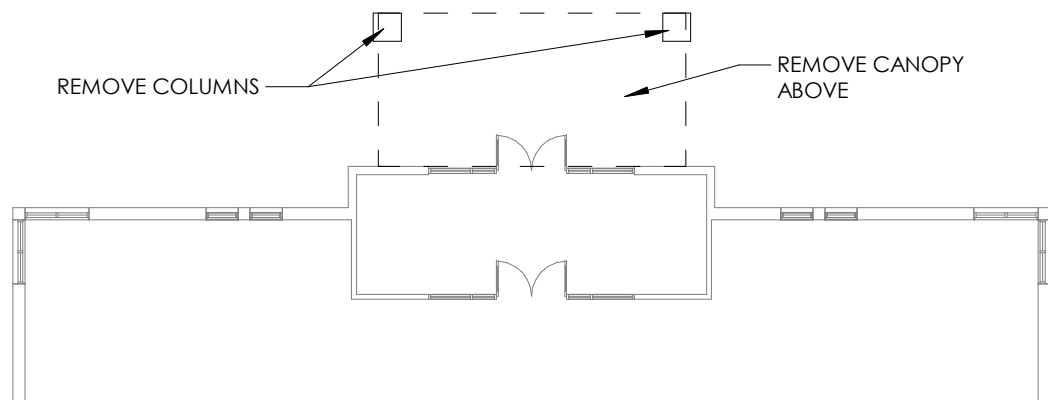
2 SECTION 2
3/16" = 1'-0"



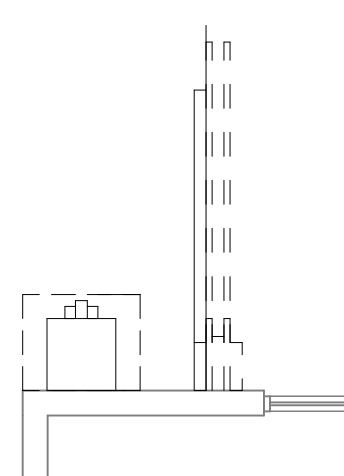
3 SECTION 1
3/16" = 1'-0"



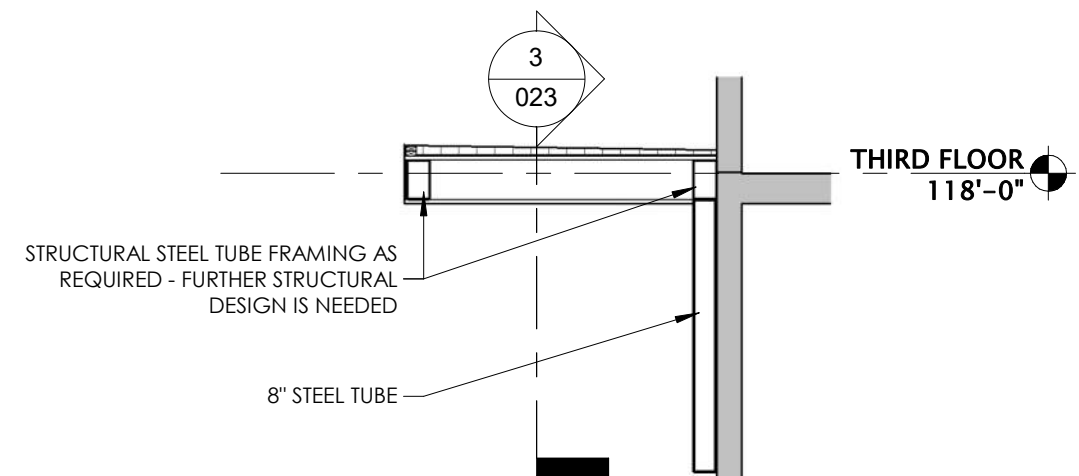
PROPOSED FIRST FLOOR - MAIN ENTRY CANOPY
1/16" = 1'-0"



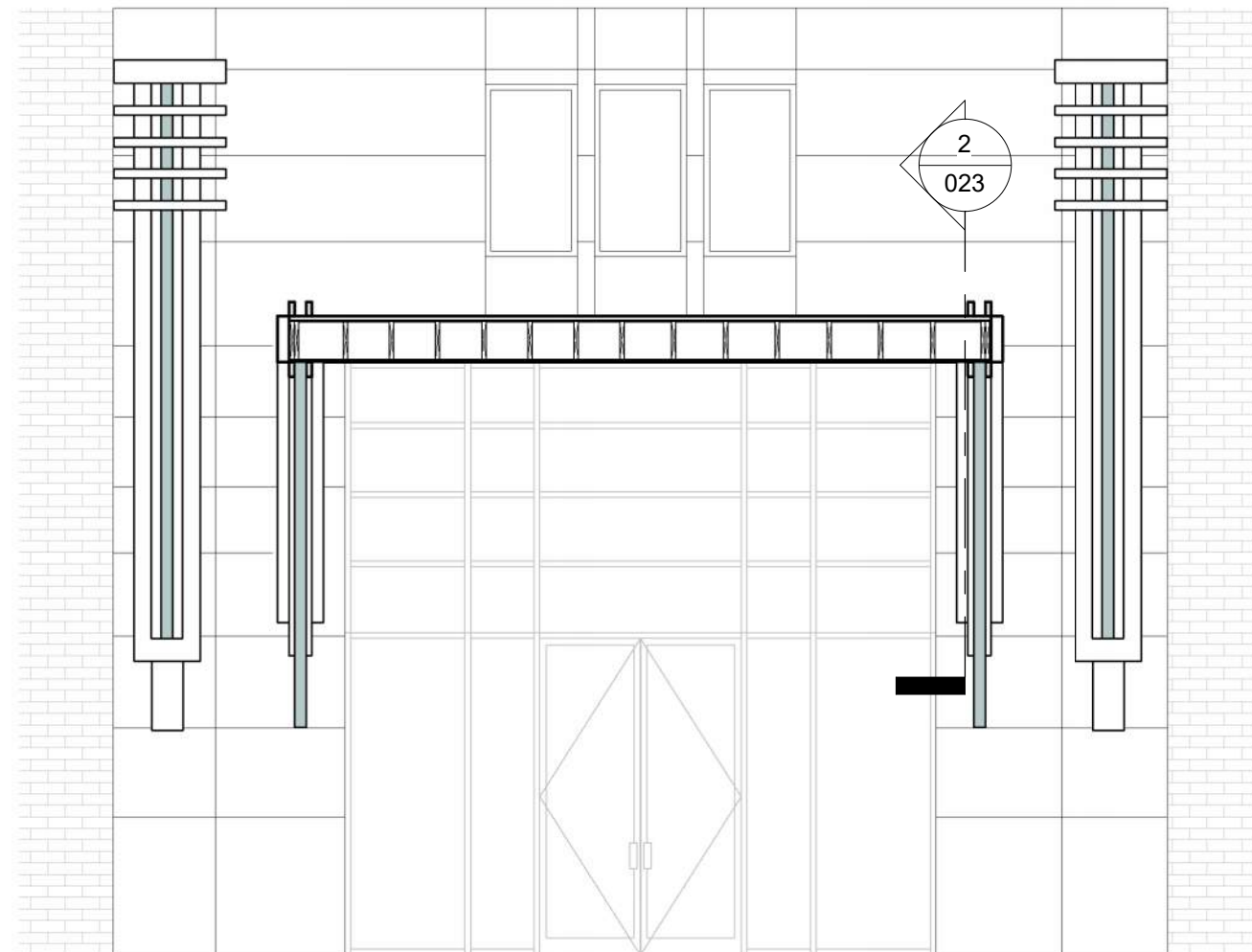
EXISTING FIRST FLOOR - MAIN ENTRY CANOPY
1/16" = 1'-0"



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



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



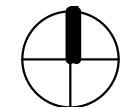
3 SECTION AT CANOPY 2
3/16" = 1'-0"

THIRD FLOOR
118'-0"

THIRD FLOOR
118'-0"

SECOND FLOOR
109'-4"

FIRST FLOOR
100'-0"





RAILING (EXAMPLE)

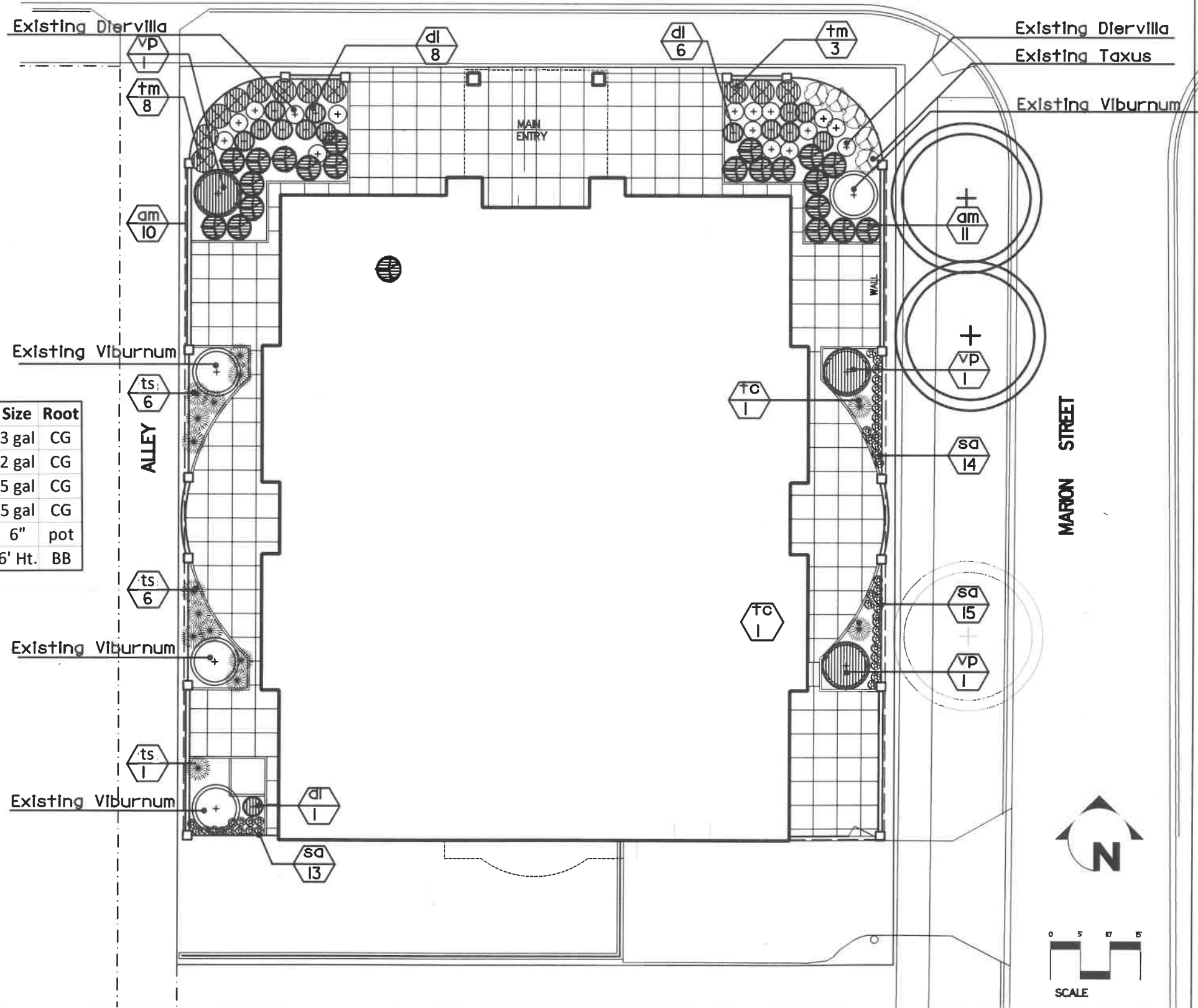


PROPOSED METAL COLOR - WHITE

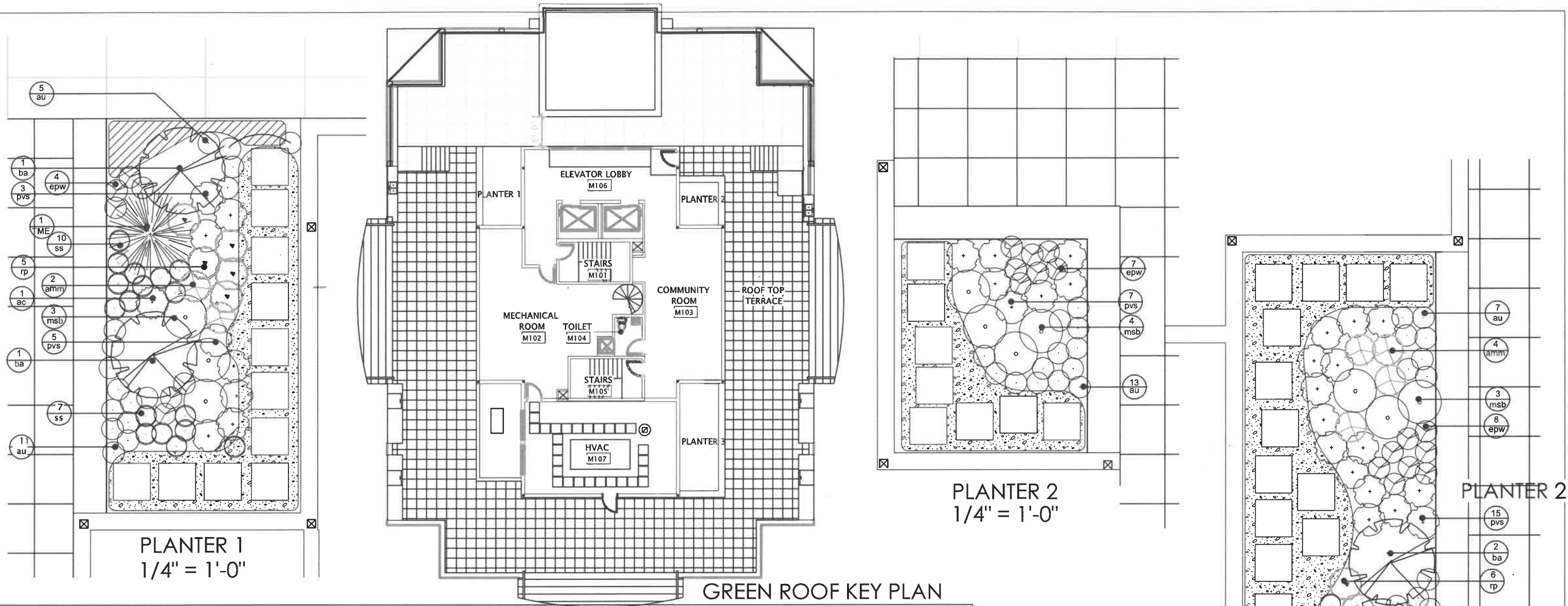


RAILING (EXAMPLE)

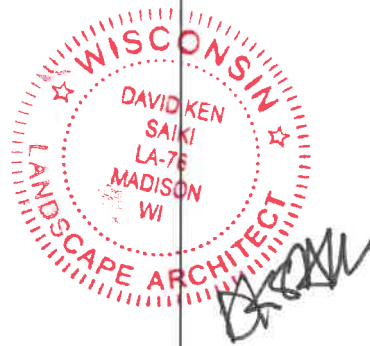
Key	Quant	Botanical Name	Common Name	Size	Root
am	21	Aronia melanocarpa 'Morton'	Morton Chokeberry	3 gal	CG
dl	15	Diervilla lonicera 'Michigan Sunset'	Michigan Sunset' Dwarf Bush Honeysuckle	2 gal	CG
tm	11	Taxus x media 'Everlow'	Everlow Yew	5 gal	CG
ts	13	Tsuga canadensis 'Jeddeloh'	Jeddeloh Canadian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

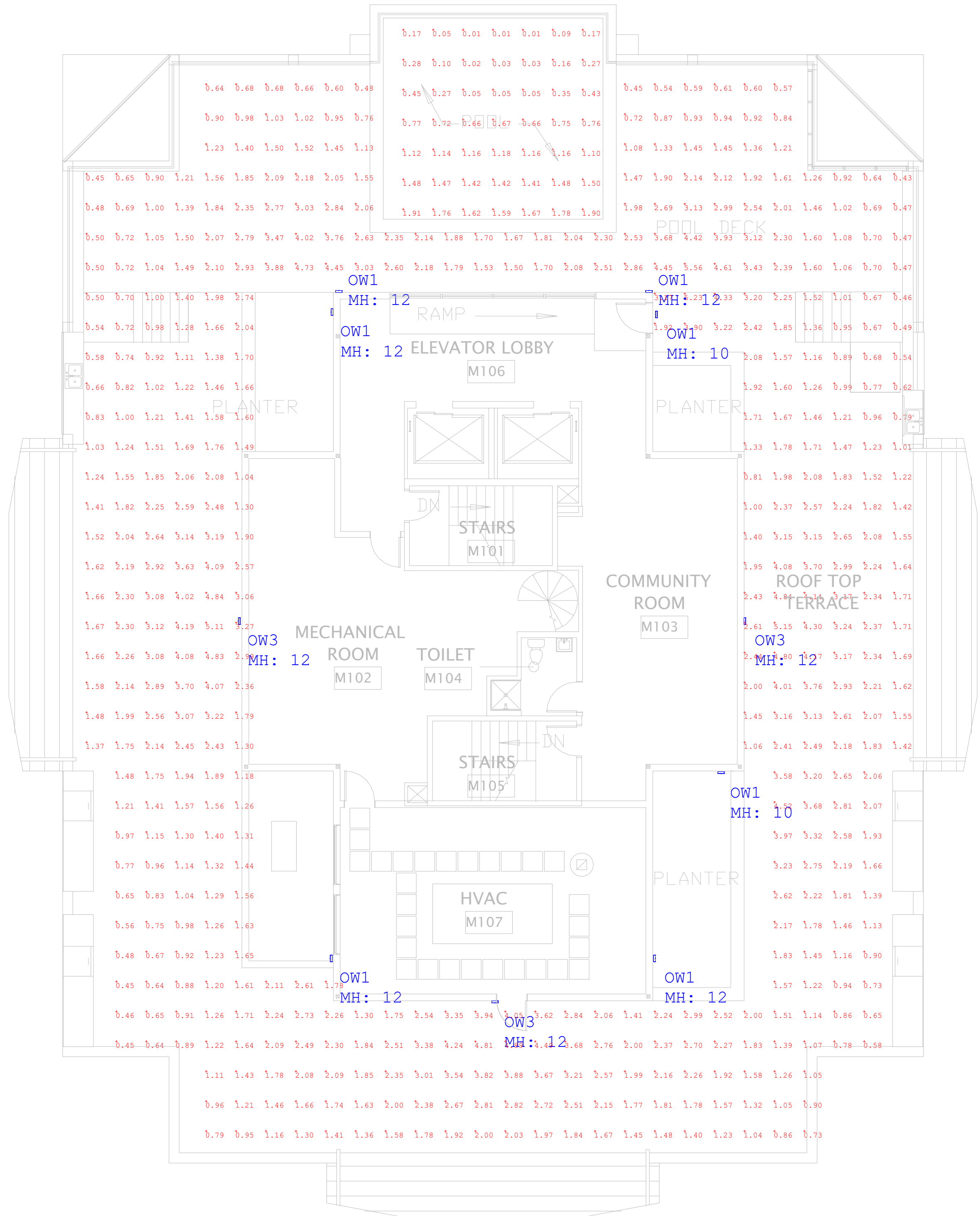


PALISADES APARTMENTS PLANTING PLAN



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	Schyzacryrium 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.





Luminaire Schedule						
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

Calculation Summary						
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.

PALISADE APARTMENTS

MADISON, WI

PENTHOUSE LIGHTING LAYOUT

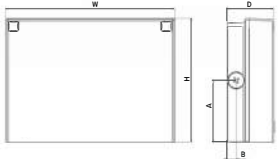
COMMENTS		SCHEMATIC DESIGN PLAN SET		NOT FOR CONSTRUCTION	
DATE					
#					
REVISIONS					
DRAWN BY : JT		DATE : 12-9-2022		SCALE : 1/8" = 1'	



WPX LED
Wall Packs



Specifications



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	MVOLT 120V - 277V	(blank) None
WPX1 LED P2	2,900 Lumens, 24W	40K 4000K	347 347V ³	E4WH Emergency battery backup, CEC compliant (4W, 0°C min) ²
WPX2 LED	6,000 Lumens, 47W	50K 5000K		E14WC Emergency battery backup, CEC compliant (14W, -20°C min) ²
WPX3 LED	9,200 Lumens, 69W		PE Photocell ³	DBLXD Black
				Note : For other options, consult factory.

Performance Data

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

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



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% L3D0 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
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FIXTURE CUT SHEETS

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