

URBAN DESIGN COMMISSION APPLICATION

UDC

City of Madison
Planning Division
Madison Municipal Building, Suite 017
215 Martin Luther King, Jr. Blvd.
P.O. Box 2985
Madison, WI 53701-2985
(608) 266-4635



FOR OFFICE USE ONLY:

Date Received 4/28/25 11:58 a.m. ☐ Initial Submittal
_____ Paid ☐ Revised Submittal

Complete all sections of this application, including the desired meeting date and the action requested. If your project requires both UDC and Land Use application submittals, a completed [Land Use Application](#) and accompanying submittal materials are also required to be submitted.

If you need an interpreter, translator, materials in alternate formats or other accommodations to access these forms, please call the Planning Division at (608) 266-4635.

Si necesita interprete, traductor, materiales en diferentes formatos, u otro tipo de ayuda para acceder a estos formularios, por favor llame al (608) 266-4635.

Yog tias koj xav tau ib tug neeg txhais lus, tus neeg txhais ntawv, los sis xav tau cov ntaub ntawv ua lwm hom ntawv los sis lwm cov kev pab kom paub txog cov lus qhia no, thov hu rau Koog Npaj (Planning Division) (608) 266-4635.

1. Project Information

Address (list all addresses on the project site): 732 East Washington Avenue and 734 East Washington Avenue- To be combined.

Title: 702/720 East Washington Avenue Mixed-Used Development (Working Name)

2. Application Type (check all that apply) and Requested Date

UDC meeting date requested May 7, 2025

- ☐ New development ☒ Alteration to an existing or previously-approved development
☐ Informational ☐ Initial Approval ☐ Final Approval

3. Project Type

- ☒ Project in an Urban Design District
☐ Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
☐ Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
☐ Planned Development (PD)
☐ General Development Plan (GDP)
☐ Specific Implementation Plan (SIP)
☐ Planned Multi-Use Site or Residential Building Complex

Signage

- ☐ Comprehensive Design Review (CDR)
☐ Modifications of Height, Area, and Setback
☐ Sign Exceptions as noted in [Sec. 31.043\(3\)](#), MGO

Other

- ☐ Please specify _____

4. Applicant, Agent, and Property Owner Information

Applicant name Chris Houden, Jr.
Street address 725 East Johnson Street
Telephone 608.405.1771 ext 201

Company Willow Partners
City/State/Zip Madison, Wisconsin 53703
Email chris@willow-partners.com

Project contact person Joseph Lee
Street address 800 West Broadway - Suite 200
Telephone 608.215.1495

Company JLA Architects
City/State/Zip Monona, Wisconsin 53713
Email jlee@jla-ap.com

Property owner (if not applicant) DCH Properties, LLC (c/o Chris Houden, Jr.)

Street address 725 East Johnson Street
Telephone 608.405.1771 ext 201

City/State/Zip Madison, Wisconsin 53703
Email chris@willow-partners.com

Introduction

The City of Madison's Urban Design Commission (UDC) has been created to:

- Encourage and promote high quality in the design of new buildings, developments, remodeling, and additions so as to maintain and improve the established standards of property values within the City.
- Foster civic pride in the beauty and nobler assets of the City, and in all other ways possible assure a functionally efficient and visually attractive City in the future.

Types of Approvals

There are three types of requests considered by the UDC:

- Informational Presentation. A request for an Informational Presentation to the UDC may be requested prior to seeking any approvals to obtain early feedback and direction before undertaking detailed design efforts. Applicants should provide details on the context of the site, design concept, site and building plans, and other relevant information to help the UDC understand the proposal and provide feedback. (Does not apply to CDR's or Signage Modification requests)
- Initial Approval. Applicants may, at their discretion, request Initial Approval of a proposal by presenting preliminary design information. As part of their review, the Commission will provide feedback on the design information that should be addressed at Final Approval stage.
- Final Approval. Applicants may request Final Approval of a proposal by presenting all final project details. Recommendations or concerns expressed by the UDC in the Initial Approval must be addressed at this time.

Presentations to the Commission

The Urban Design Commission meets virtually via Zoom, typically on the second and fourth Wednesdays of each month at 4:30 p.m. Applicant presentations are strongly encouraged, although not required. Prior to the meeting, each individual speaker is required to complete an online registration form to speak at the meeting. A link to complete the online registration will be provided by staff prior to the meeting. Please note that individual presentations will be limited to a **maximum of three (3) minutes**. The pooling of time may be utilized to provide one speaker more time to present, however the additional time will be based on the number of registrants from the applicant team, i.e. two (2) applicant registrants = six (6) minutes for one (1) speaker.

Primarily, the UDC is interested in the appearance and design quality of projects. Emphasis should be given to the site plan, landscape plan, lighting plan, building elevations, exterior building materials, color scheme, and graphics. Please note that presentation slides, in a PDF file format, are required to be submitted **the Friday before** the UDC meeting.

URBAN DESIGN DEVELOPMENT PLANS CHECKLIST

The items listed below are minimum application requirements for the type of approval indicated. Please note that the UDC and/or staff may require additional information in order to have a complete understanding of the project.

1. Informational Presentation

- ☐ Locator Map
- ☐ Letter of Intent (If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- ☐ Contextual site information, including photographs and layout of adjacent buildings/structures
- ☐ Site Plan
- ☐ Two-dimensional (2D) images of proposed buildings or structures.

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

Requirements for All Plan Sheets

1. Title block
2. Sheet number
3. North arrow
4. Scale, both written and graphic
5. Date
6. Fully dimensioned plans, scaled at 1"= 40' or larger

**** All plans must be legible, including the full-sized landscape and lighting plans (if required)**

2. Initial Approval

- ☐ Locator Map
- ☒ Letter of Intent (If the project is within a Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- ☐ Contextual site information, including photographs and layout of adjacent buildings/structures
- ☐ Site Plan showing location of existing and proposed buildings, walks, drives, bike lanes, bike parking, and existing trees over 18" diameter
- ☐ Landscape Plan and Plant List (*must be legible*)
- ☒ Building Elevations in **both** black & white and color for all building sides, including material and color callouts
- ☐ PD text and Letter of Intent (if applicable)

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

APPLICATION IS TO COMPARE PREVIOUSLY APPROVED ELEVATIONS WITH PROPOSED ELEVATIONS. OTHER INFORMATION WILL NOT BE SUBMITTED.

3. Final Approval

All the requirements of the Initial Approval (see above), **plus**:

- ☐ Grading Plan
- ☐ Lighting Plan, including fixture cut sheets and photometrics plan (must be legible)
- ☐ Utility/HVAC equipment location and screening details (with a rooftop plan if roof-mounted)
- ☐ Site Plan showing site amenities, fencing, trash, bike parking, etc. (if applicable)
- ☐ PD text and Letter of Intent (if applicable)
- ☒ Samples of the exterior building materials
- ☐ Proposed sign areas and types (if applicable)

4. Signage Approval (*Comprehensive Design Review (CDR), Sign Modifications, and Sign Exceptions (per [Sec. 31.043\(3\)](#))*)

- ☐ Locator Map
- ☐ Letter of Intent (a summary of how the proposed signage is consistent with the CDR or Signage Modifications criteria is required)
- ☐ Contextual site information, including photographs of existing signage both on site and within proximity to the project site
- ☐ Site Plan showing the location of proposed signage, dimensioned signage setbacks, sidewalks, driveways, and right-of-ways
- ☐ Proposed signage graphics (fully dimensioned, scaled drawings, including materials and colors, and night view)
- ☐ Perspective renderings (emphasis on pedestrian/automobile scale viewsheds)
- ☐ Illustration of the proposed signage that meets [Ch. 31, MGO](#) compared to what is being requested
- ☐ Graphic of the proposed signage as it relates to what the [Ch. 31, MGO](#) would permit

NOT APPLICABLE

5. Required Submittal Materials**✕ Application Form**

- A completed application form is required for each UDC appearance. For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (Initial or Final Approval) from the UDC.

✕ Letter of Intent

- If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required.
- ~~For signage applications, a summary of how the proposed signage is consistent with the applicable Comprehensive Design Review (CDR) or Signage Modification review criteria is required.~~

✕ Development Plans (Refer to checklist on Page 4 for plan details)**✕ Filing Fee** (Refer to Section 7 (below) for a list of application fees by request type)**✕ Electronic Submittal**

- Complete electronic submittals must be received prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. All plans must be legible and scalable when reduced. Individual PDF files of each item submitted should be submitted via email to UDCapplications@cityofmadison.com. The email must include the project address, project name, and applicant name.
- Email Size Limits. Note that an individual email cannot exceed 20MB and it is the responsibility of the applicant to present files in a manner that can be accepted. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.

✕ Notification to the District Alder

- Please provide an email to the District Alder notifying them that you are filing this UDC application. Please send this as early in the process as possible and provide a copy of that email with the submitted application.

6. Applicant Declarations

- Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Jessica Vaughn & Lisa McNabola on 04/14/2025.
- The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of applicant Chris Houden, Jr.Relationship to property OwnerAuthorizing signature of property owner Date April 28, 2025**7. Application Filing Fees**

Fee payments are due by the submittal date. Payments received after the submittal deadline may result in the submittal being scheduled for the next application review cycle. Fees may be paid in-person, via US Mail, or City drop box. If mailed, please mail to: *City of Madison Building Inspection, P.O. Box 2984, Madison, WI 53701-2984*. The City's drop box is located outside the Municipal Building at 215 Martin Luther King, Jr. Blvd. on the E Doty Street side of the building. Please make checks payable to *City Treasurer*, and include a completed application form or cover letter indicating the project location and applicant information with all checks mailed or submitted via the City's drop box.

Please consult the schedule below for the appropriate fee for your request:

✕ Urban Design Districts: \$350 (per §33.24(6) MGO).

- ☐ Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : \$150 (per §33.24(6)(b) MGO)
- ☐ Comprehensive Design Review: \$500 (per §31.041(3)(d)(1)(a) MGO)
- ☐ Minor Alteration to a Comprehensive Sign Plan: \$100 (per §31.041(3)(d)(1)(c) MGO)
- ☐ All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for Sign Modifications (of height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)

A filing fee is not required for the following project applications if part of the combined application process involving both Urban Design Commission and Plan Commission:

- Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
- Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
- Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Residential Building Complex



JLA
ARCHITECTS

April 30, 2025

City of Madison Urban Design Commission
c/o City of Madison Planning Division
215 Martin Luther King Jr. Blvd - Suite 017
Madison, Wisconsin 53703

sent via e-mail only:

Urban Design Commission: UDCapplications@cityofmadison.com

Jessica Vaughn: JVaughn@cityofmadison.com

Re: Letter of Intent – Façade Design Progression
Project: 702/720 East Washington Mixed-Use Development (Working Name)
JLA Architects Project #W22-0106

City of Madison Urban Design Commission -

On behalf of our client and 'Applicant' – Willow Partners, LLC – we are pleased to resubmit an application to the City of Madison Urban Design Commission for final approval of some façade design changes for the 702/720 East Washington Avenue Mixed-Use Development. Enclosed in the digital application submittals are the resubmittal requirements that compare the originally approved elevations with the proposed updates this Project. This 'Letter of Intent' serves to summarize the Project.

PROJECT SITE

The Project is located on a two-parcel site including a 0.8-acre parcel at 702 East Washington Avenue and a 0.2-acre parcel at 734 E. Washington Avenue - in Madison's 6th Aldermanic District (Alder Davy Mayer). These parcels will be combined into one parcel with a concurrent Certified Survey Map (CSM) process.

The Project site is within the confines of the Tenney-Lapham Neighborhood Plan, the East Washington Capitol Gateway Corridor Plan, and Urban Design District #8 (on Block #2b). The Project site is zoned 'TE-Traditional Employment'.

PROJECT OVERVIEW

The Project is a 14-story multi-family/commercial mixed-use project with approximately 406,575 gross square feet - as illustrated in the previously submitted design documents. In summary, the Project contains 8,000-9,000 s.f. of ground floor multi-tenant commercial/retail space (double-height), 5,500-6,000 s.f. of second floor multi-tenant commercial office space, and 244 residential dwelling units. The exact square footage of the commercial space may vary slightly as the design is refined & finalized.

The Project will contain common amenity spaces for the residential tenants including a gracious lobby & leasing office, fitness center, yoga studio, game lounge, theatre room, business center, pet room, and 'sky lounge'. These spaces will be supplemented with exterior common spaces - a large amenity roof deck on the 3rd floor and two smaller common roof decks on the 14th floor.

FAÇADE DESIGN PROGRESSIONS

The items listed below and outlined on the included elevations are design progressions the team has made for the new 720 Mixed Use Building. This package outlines the changes between the previous approvals and the proposed plans.

1. Changed to Centria or Muza panel instead of Metal Panel 3
 - a. We are proposing a change from flush metal panels to either Centria or Muza panel systems. This adjustment preserves the integrity of the building's base—primarily composed of masonry brick and large glazing expanses—while enhancing the vertical expression as the structure rises. Both Centria and Muza panels are being considered to achieve this effect, contributing dynamic interaction with light and offering a range of profiles that introduce texture and a rich color palette to the façade.
 - b. While we believe Muza panels may provide a slightly stronger alignment with the original design intent, it is essential to maintain both Centria and Muza as viable options. Due to ongoing tariff uncertainty and market volatility, having dual options is critical to mitigate pricing risk and ensure the project remains on schedule and within budget. Each system supports the architectural vision, and preserving this flexibility is necessary for the project's successful delivery.
2. Adjusted many window sizes and removed some windows
 - a. The originally designed building had too many windows to pass the energy code. We needed to add more insulated walls.
3. Changed patio doors from sliders to swinging
 - a. The owner requested this change to help reduce costs.
4. Added lighting to match Photometrics
 - a. The elevations now show exterior lighting locations.
5. Changed to picket rails instead of horizontal rails at balconies
 - a. The owner requested this change to help reduce costs.
6. Changed bottom panel of window walls to be insulated metal panel with an insulated knee wall behind –
 - a. The originally designed building had too many windows to pass the energy code. We needed to add more insulated walls. We kept the look of the windows and added an insulated metal panel to the lower portion. This also allows a place to run electrical conduit within the units
7. Roof height changed at a few locations
 - a. These were adjusted as the design progressed due to the FAA height limit and roof penetration heights.
8. Changed some glass to be fritted at parking locations
 - a. This helps reduce visibility of cars parked at these windows.
9. Reduced glazing on the 14th floor north elevation
 - a. The originally designed building had too many windows to pass the energy code. We needed to add more insulated walls.
10. Updated exterior material at the 14th floor mechanical equipment room
 - a. As the design progressed, we needed to cover mechanical equipment while also reducing glazing.
11. Updated locations of green space wall system to match floor plan and landscape plan updates
 - a. As the design progressed, area wells were added and landscaping moved which moved these green wall systems.
12. Added ramp for deliveries on North Elevation
 - a. A delivery drop off area was added to the north side of the building, which needed a ramp to get to the finished floor elevation.
13. Moved meter locations
 - a. As the design progressed, the meters needed to move.
14. Removed divider walls at balconies on the north elevation –
 - a. As the design progressed, we realized that the views for the residents would be limited if these divider walls were here.
15. Added double doors and louvers on the north and west elevations –
 - a. MG&E requires this electrical vault room on the corner of our building. The double doors are mandatory in these exact locations and the louvers are required as well.
16. Removed one "column" of stacked windows on the north elevation –
 - a. These were removed due to floor plan changes and reducing windows to pass energy requirements.
17. Removed one "column" of recessed balconies on the east and west elevations
 - a. These were removed to allow the units a more rentable layout.

18. Updated the art wall along Blount Street

- a. MG&E requires this electrical vault room on the corner of our building. The double doors are mandatory in these exact locations and the louvers are required as well. We've avoided placing artwork on the doors, to address maintenance concerns. Additionally, we have enlarged the area designated for artwork. This allows us to achieve a balanced artwork composition, reflecting our façade treatments that are characterized by a modern aesthetic, yet are deeply anchored in classical proportions and balance.

19. Removed windows on the East elevation

- a. These windows were removed because they aren't needed at the movie theater.

You can find additional information & details to support the summary above in the other submittal documents provided. With this submittal, we respectfully request that our application be placed on the May 7, 2025 agenda for the Urban Design Commission meeting.

If you have any questions regarding this submittal, please contact me or the JLA Architects Project Manager, Jennifer Camp at jcamp@jla-ap.com.

Sincerely,



Joseph Lee & Associates, LLC
By: Joseph M. Lee, AIA

Cc: Chris Houden, Jr. – Willow Partners
Jennifer Camp – JLA Architects

chris@willow-partners.com
jcamp@jla-ap.com



702 EAST
WASHINGTON AVENUE
MIXED-USE
DEVELOPMENT

PROGRESS DOCUMENTS

REVISION SCHEDULE

Mark	Description	Date
------	-------------	------

SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NUMBER

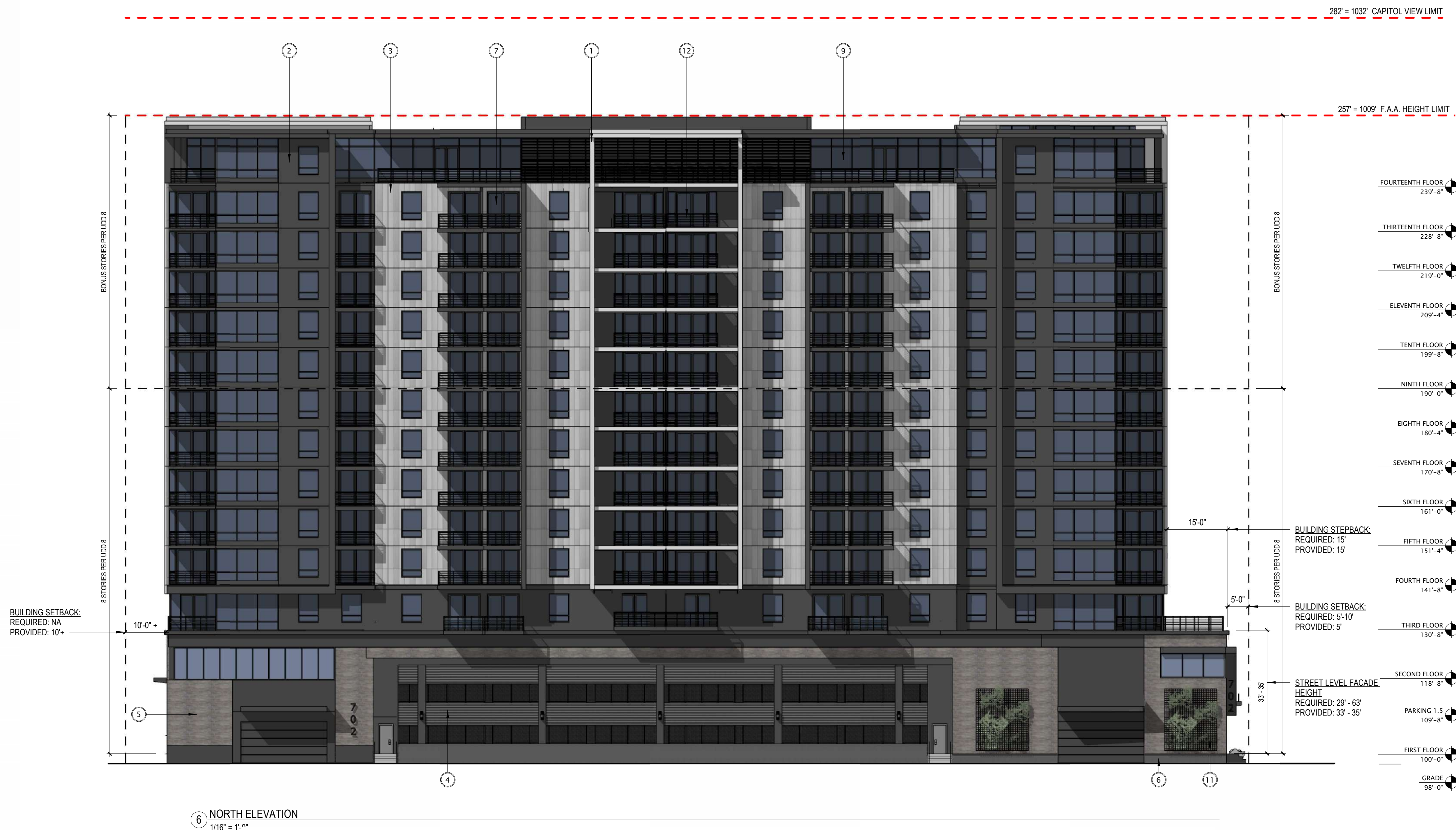
A200

PROPOSED SOUTH ELEVATION

PREVIOUSLY APPROVED SOUTH ELEVATION



PROPOSED NORTH ELEVATION



PREVIOUSLY APPROVED NORTH ELEVATION

EXTERIOR MATERIALS SCHEDULE	
MARK	DESCRIPTION
1	METAL PANEL 1
2	METAL PANEL 2
3	METAL PANEL 3
4	METAL PANEL 4
5	BRICK 1
6	STONE 1
7	ALUMINUM PATIO DOOR
8	ALUMINUM WINDOW FRAMING SYSTEM
9	ALUMINUM WINDOW WALL
10	PERFORATED METAL PANEL
11	GREEN SPACE WALL SYSTEM
12	GUARD RAIL ASSEMBLY
13	GLASS RAIL ASSEMBLY
14	PERGOLA
15	CONCRETE PLANTER BOX
16	VENTILATION LOUVERS



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

702 EAST
WASHINGTON AVENUE
MIXED-USE
DEVELOPMENT

CITY OF MADISON LAND-USE &
URBAN DESIGN COMMISSION
SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

DATE OF ISSUANCE JANUARY 5, 2024

REVISION SCHEDULE

Mark	Description	Date
------	-------------	------

SHEET TITLE

EXTERIOR
ELEVATIONS

SHEET NUMBER

A201



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

702 EAST
WASHINGTON AVENUE
MIXED-USE
DEVELOPMENT

CITY OF MADISON LAND-USE &
URBAN DESIGN COMMISSION
SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

DATE OF ISSUANCE JANUARY 5, 2024

REVISION SCHEDULE

Mark	Description	Date
------	-------------	------

SHEET TITLE

EXTERIOR
ELEVATIONS

SHEET NUMBER

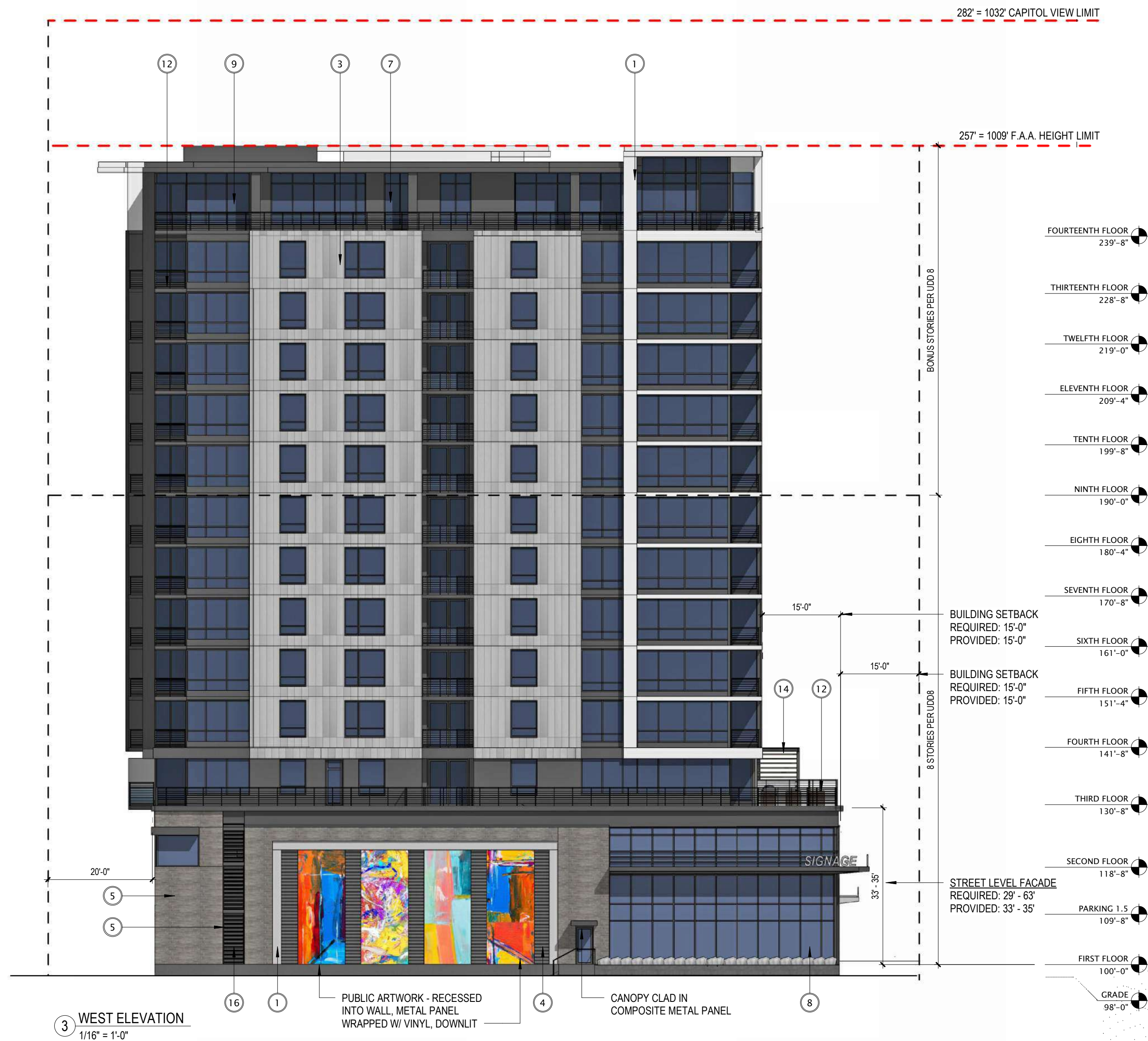
A202



PROPOSED WEST ELEVATION



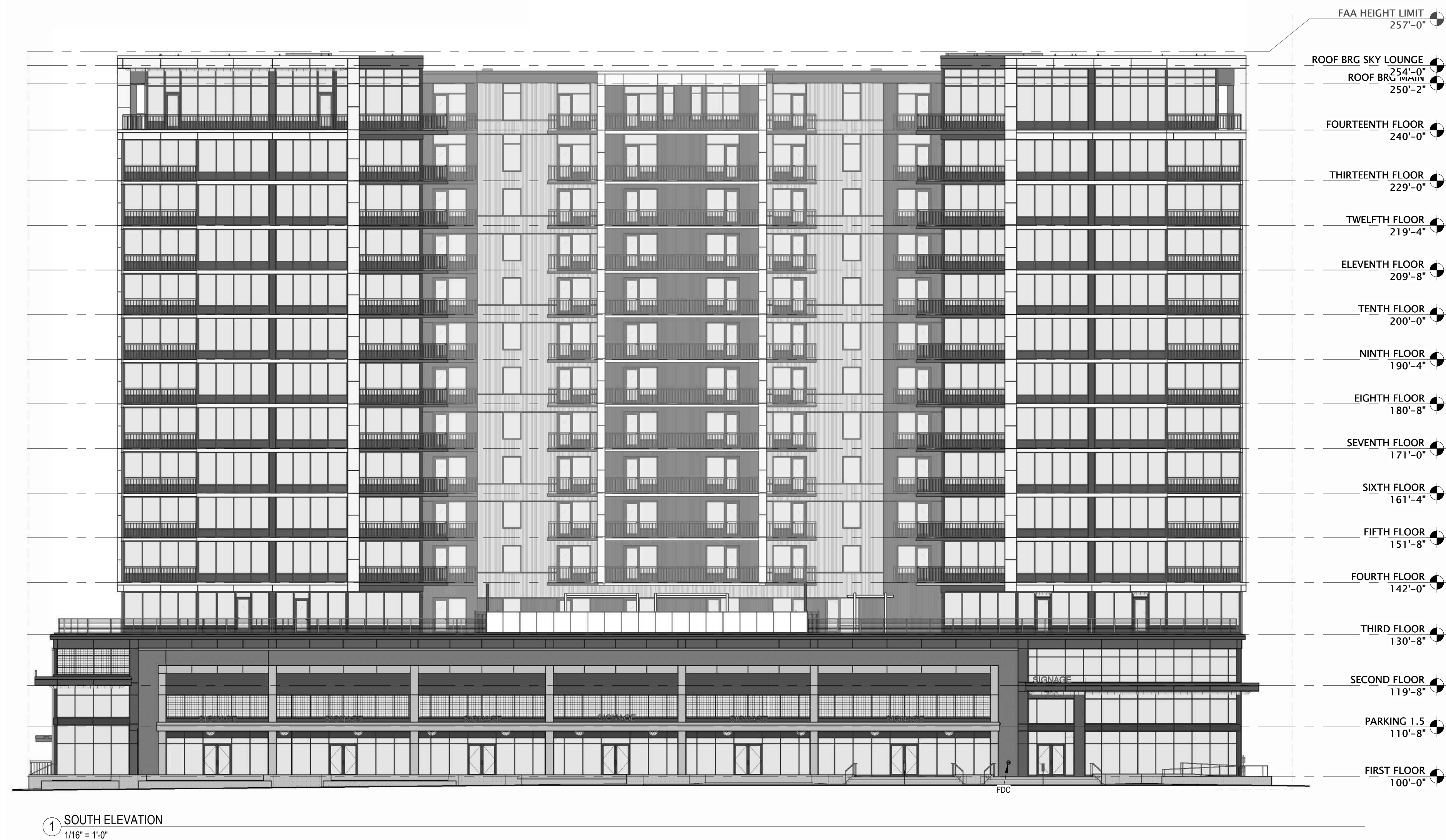
PROPOSED EAST ELEVATION



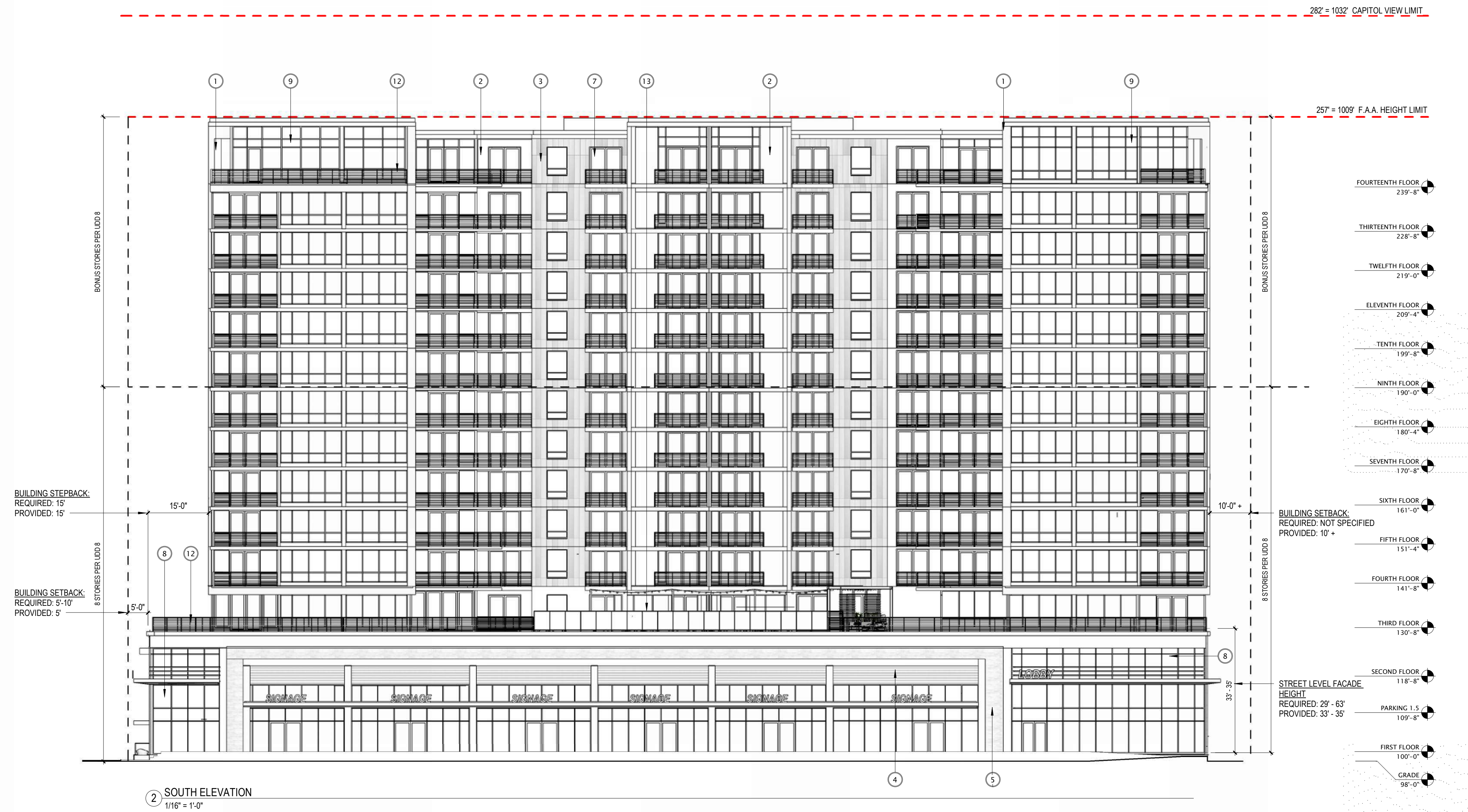
PREVIOUSLY APPROVED WEST ELEVATION



PREVIOUSLY APPROVED EAST ELEVATION



PROPOSED SOUTH ELEVATION



PREVIOUSLY APPROVED SOUTH ELEVATION

702 EAST WASHINGTON AVENUE
MIXED-USE DEVELOPMENT

CITY OF MADISON LAND-USE &
URBAN DESIGN COMMISSION
SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

DATE OF ISSUANCE JANUARY 5, 2024

REVISION SCHEDULE		
Mark	Description	Date

SHEET TITLE

EXTERIOR ELEVATIONS

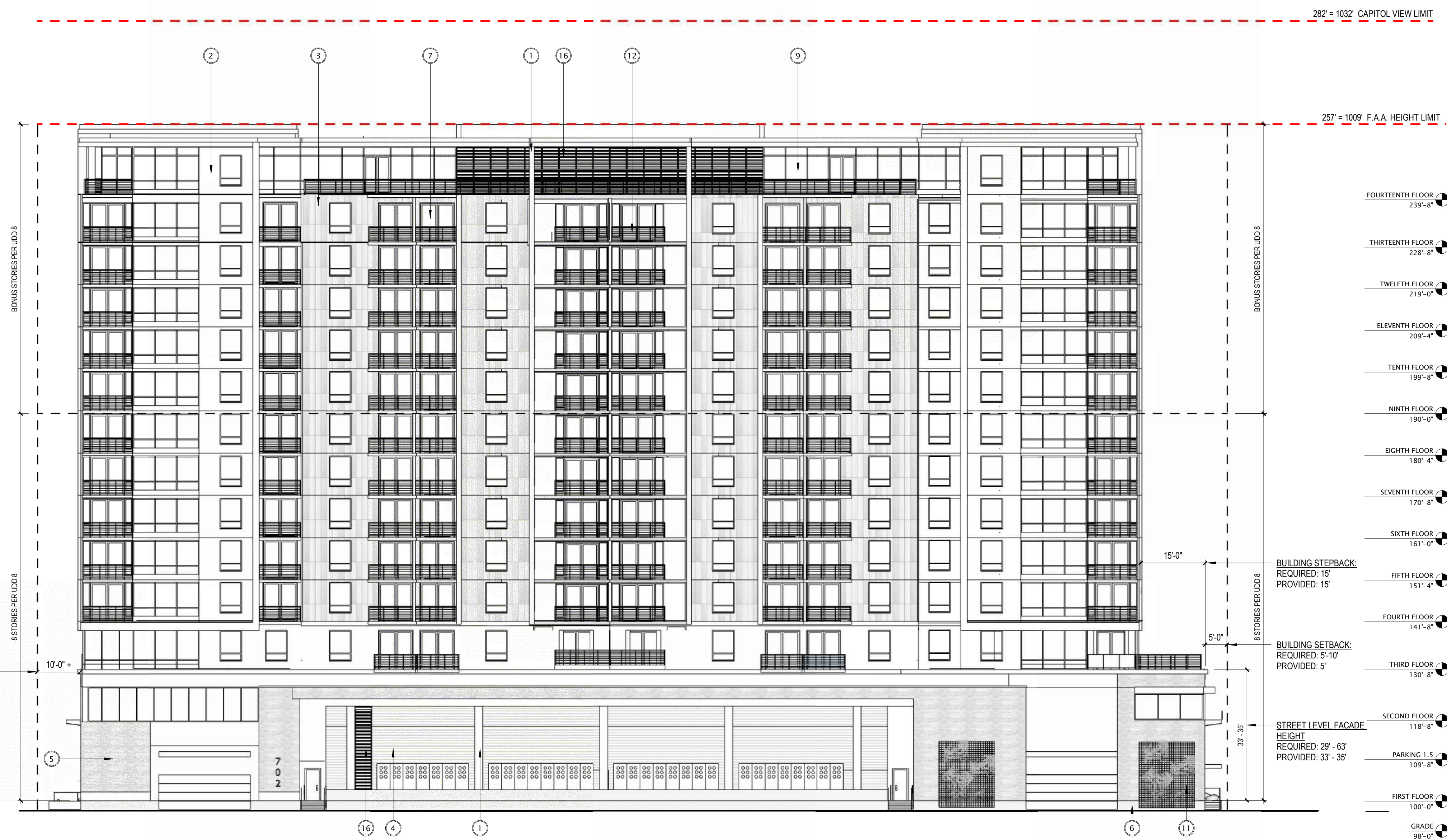
SHEET NUMBER

A203



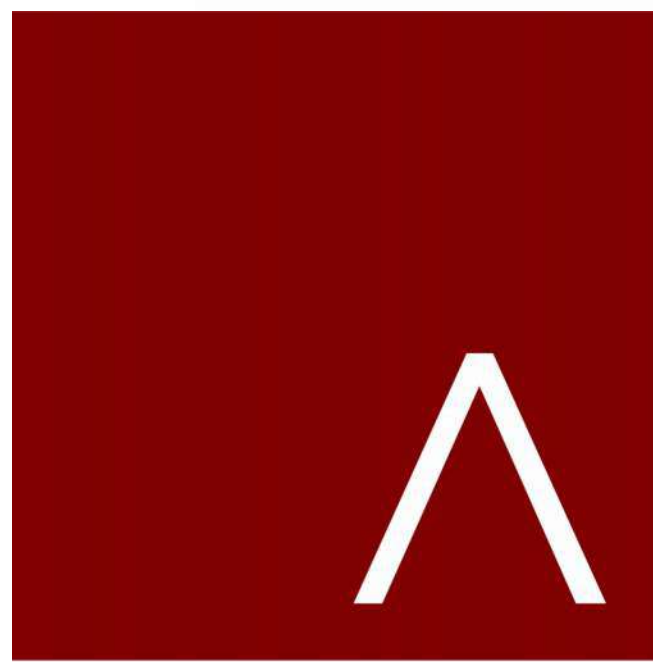
1 NORTH ELEVATION
1/16" = 1'-0"

PROPOSED NORTH ELEVATION



1 NORTH ELEVATION
1/16" = 1'-0"

PREVIOUSLY APPROVED NORTH ELEVATION



JLA
ARCHITECTS

MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

702 EAST WASHINGTON AVENUE MIXED-USE DEVELOPMENT

CITY OF MADISON LAND-USE &
URBAN DESIGN COMMISSION
SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

DATE OF ISSUANCE: JANUARY 5, 2024

REVISION SCHEDULE

Mark	Description	Date
------	-------------	------

SHEET TITLE

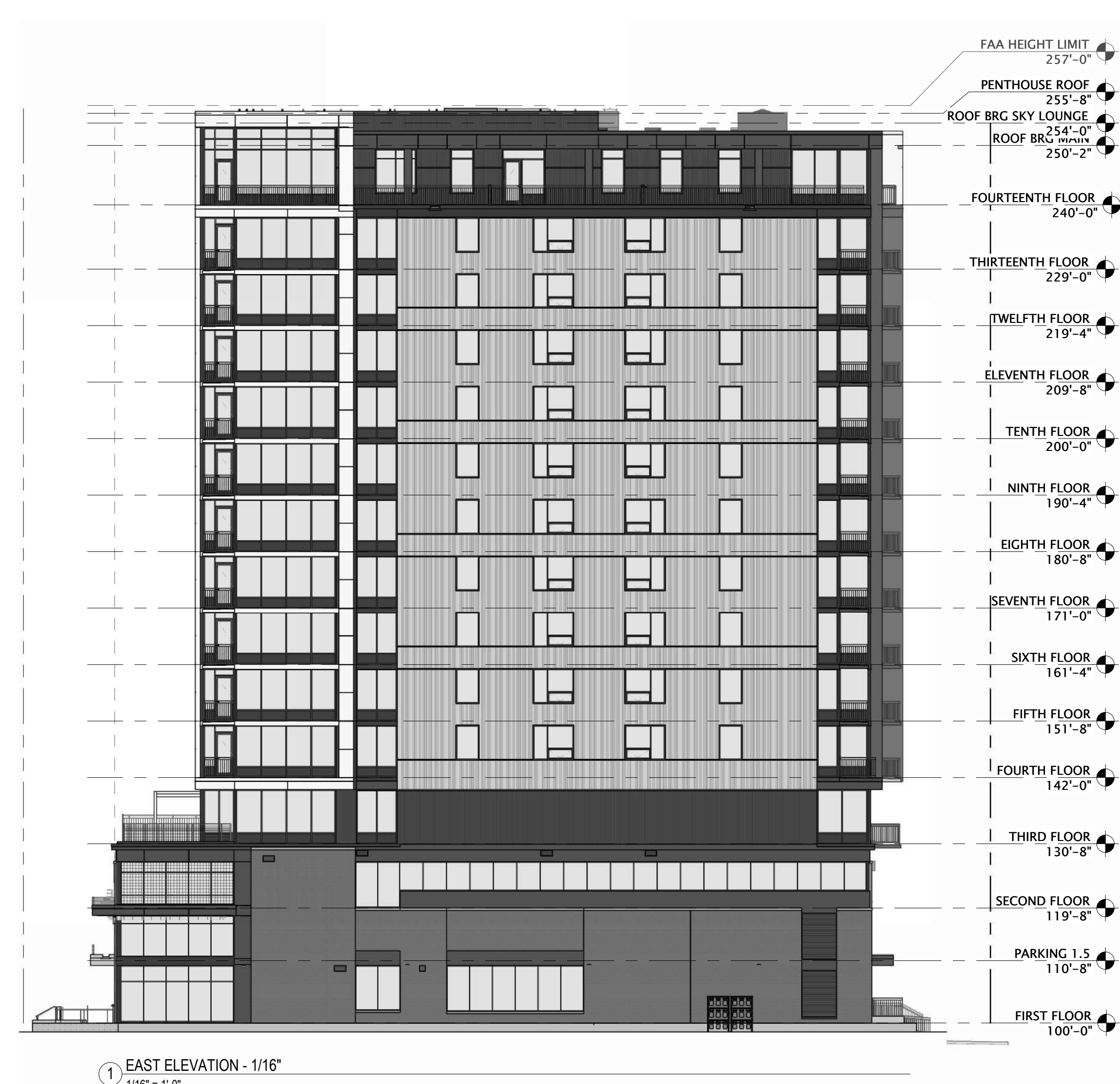
EXTERIOR
ELEVATIONS

SHEET NUMBER

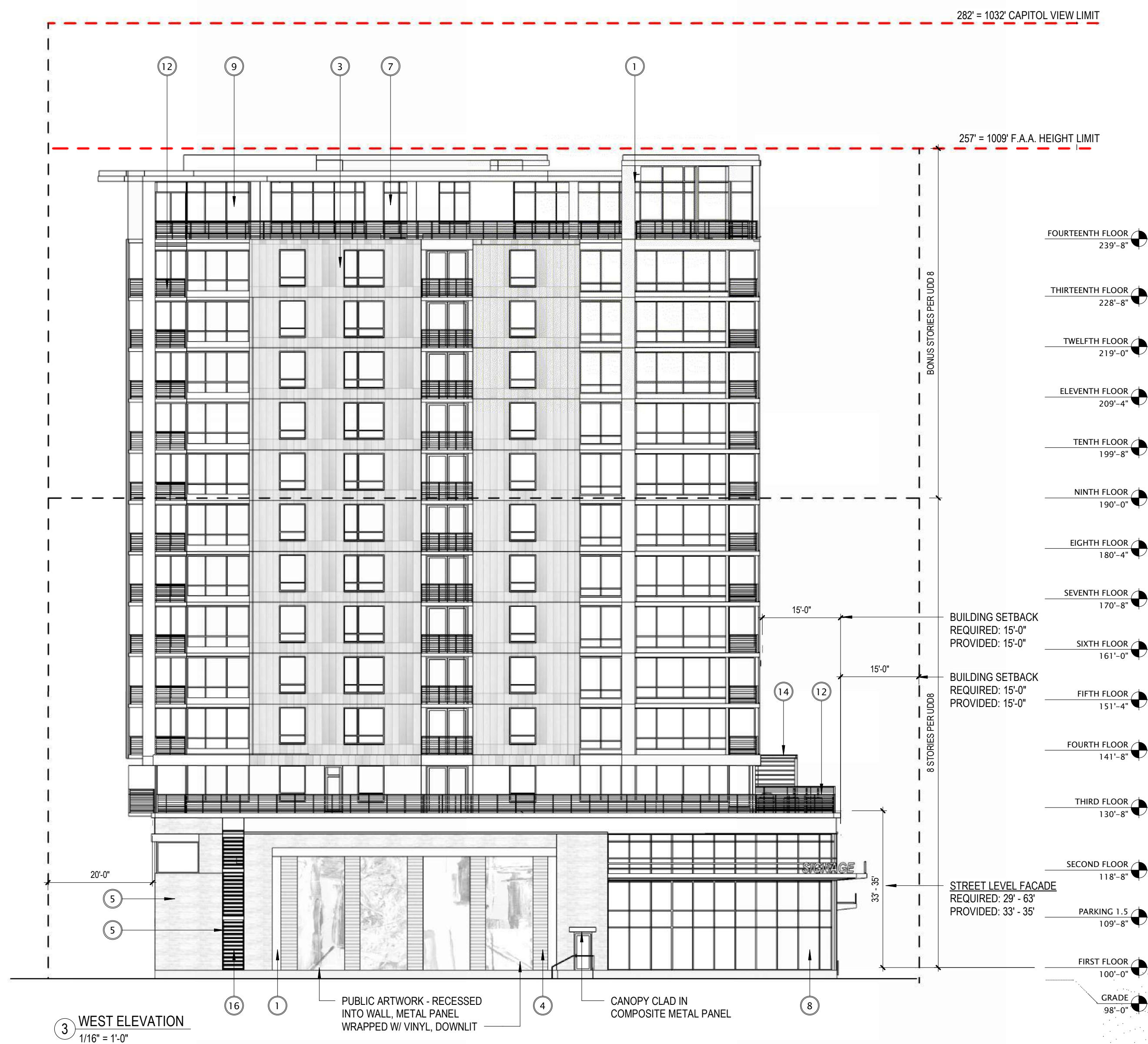
A204



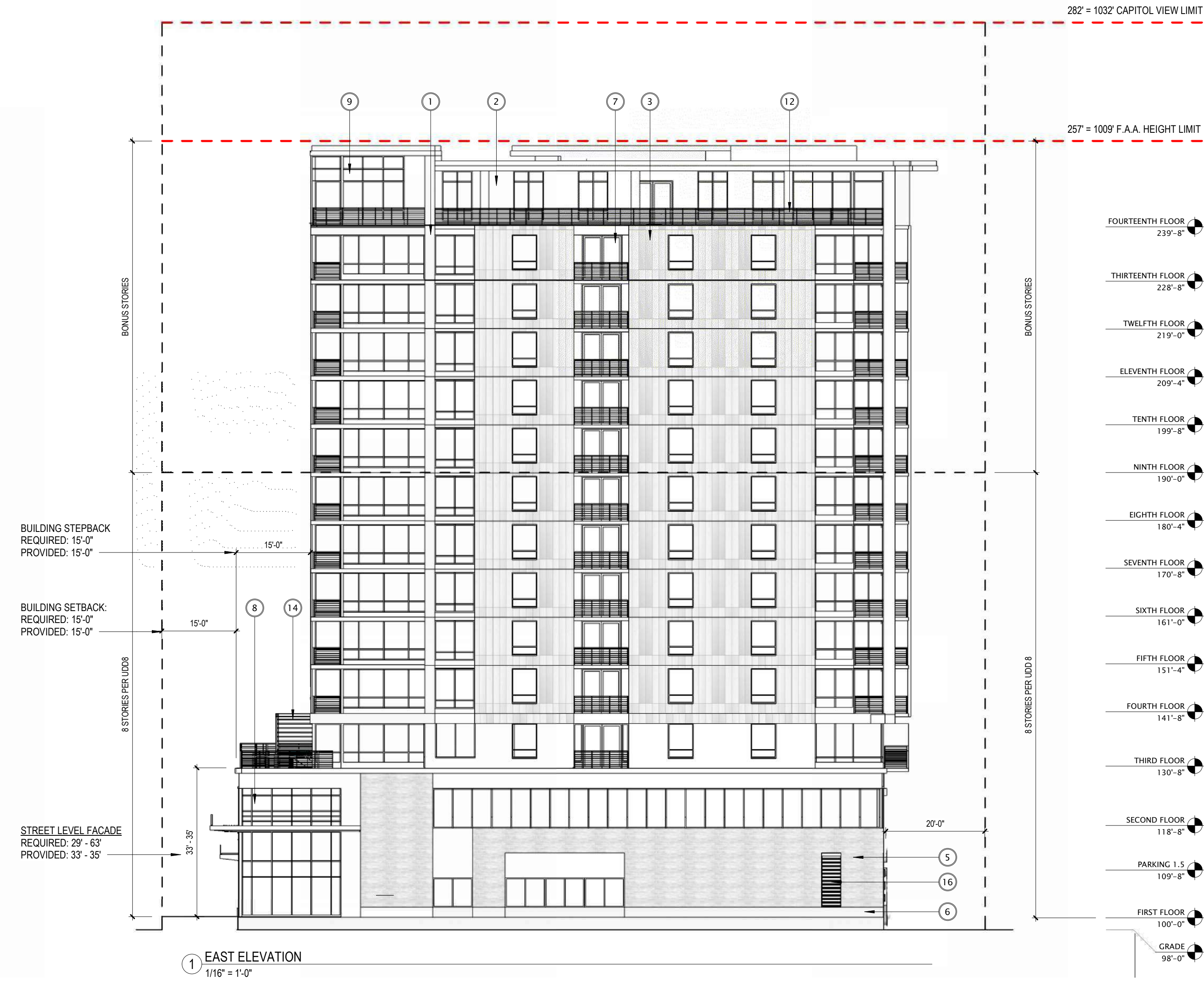
PROPOSED WEST ELEVATION



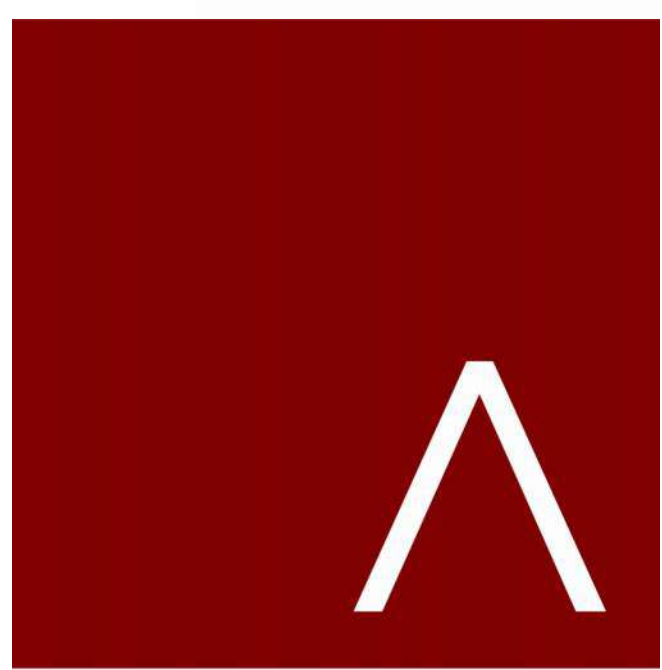
PROPOSED EAST ELEVATION



PREVIOUSLY APPROVED WEST ELEVATION



PREVIOUSLY APPROVED EAST ELEVATION



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

702 EAST
WASHINGTON AVENUE
MIXED-USE
DEVELOPMENT

CITY OF MADISON LAND-USE &
URBAN DESIGN COMMISSION
SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail, these are not final construction documents and should not be used for final bidding or construction-related purposes.

DATE OF ISSUANCE: JANUARY 5, 2024

REVISION SCHEDULE

Mark	Description	Date
------	-------------	------

SHEET TITLE:

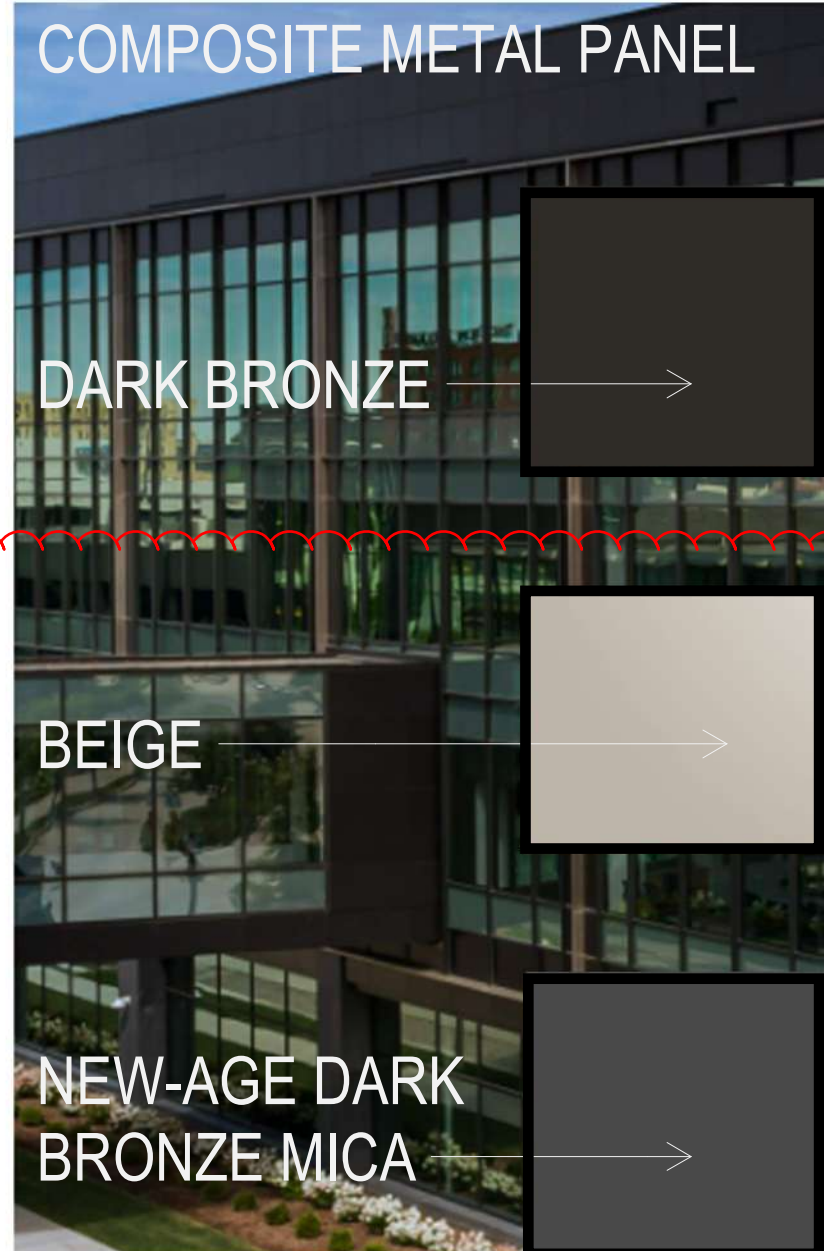
EXTERIOR
ELEVATIONS

SHEET NUMBER:

A205



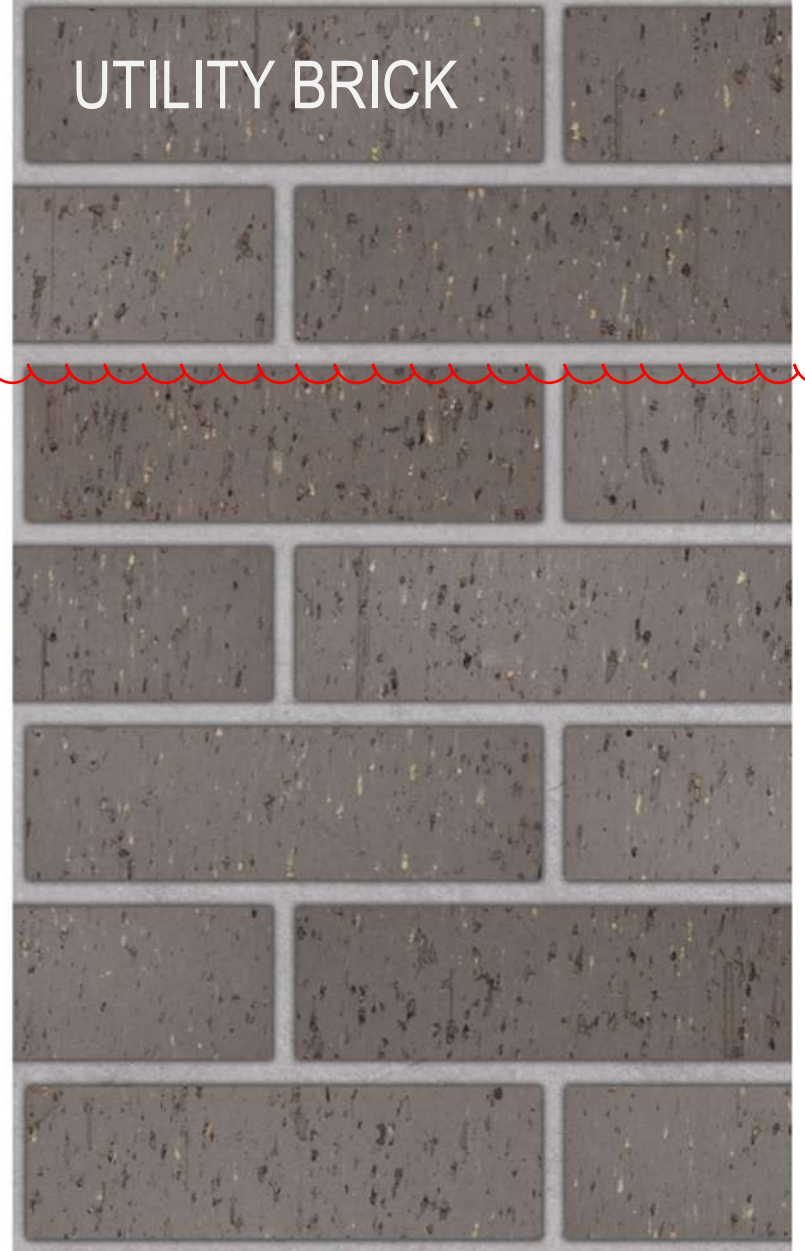
COMPOSITE METAL PANEL 1



COMPOSITE METAL PANEL 2,3,6



METAL CORRUGATED PANEL 5



BRICK 1

INSULATING LOW-E VISION GLASS



ALUM STOREFRONT

INSULATING LOW-E VISION GLASS - WITH HIGH PERFORMANCE COATING



WINDOW WALL



FRITTED GLASS



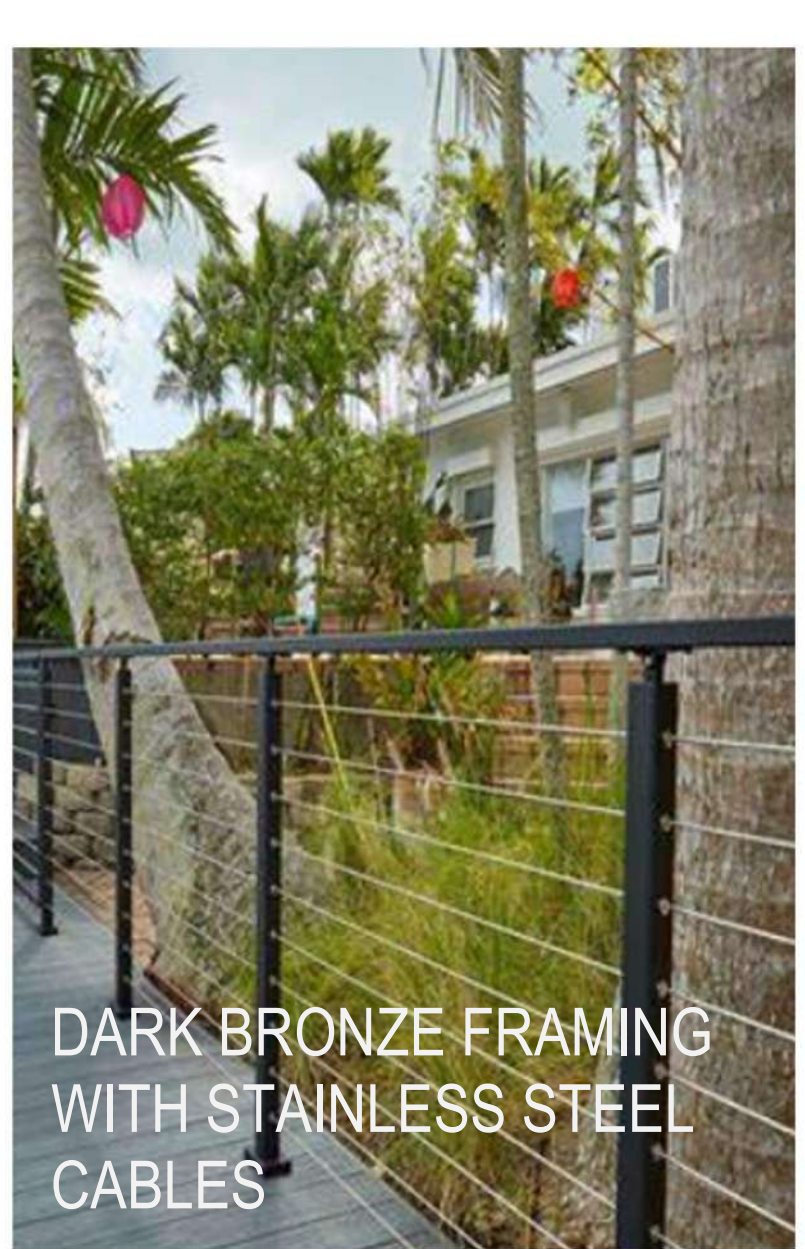
CAST STONE SILL



VENTILATION LOUVERS



GLASS GUARDRAIL ASSEMBLY - GLASS



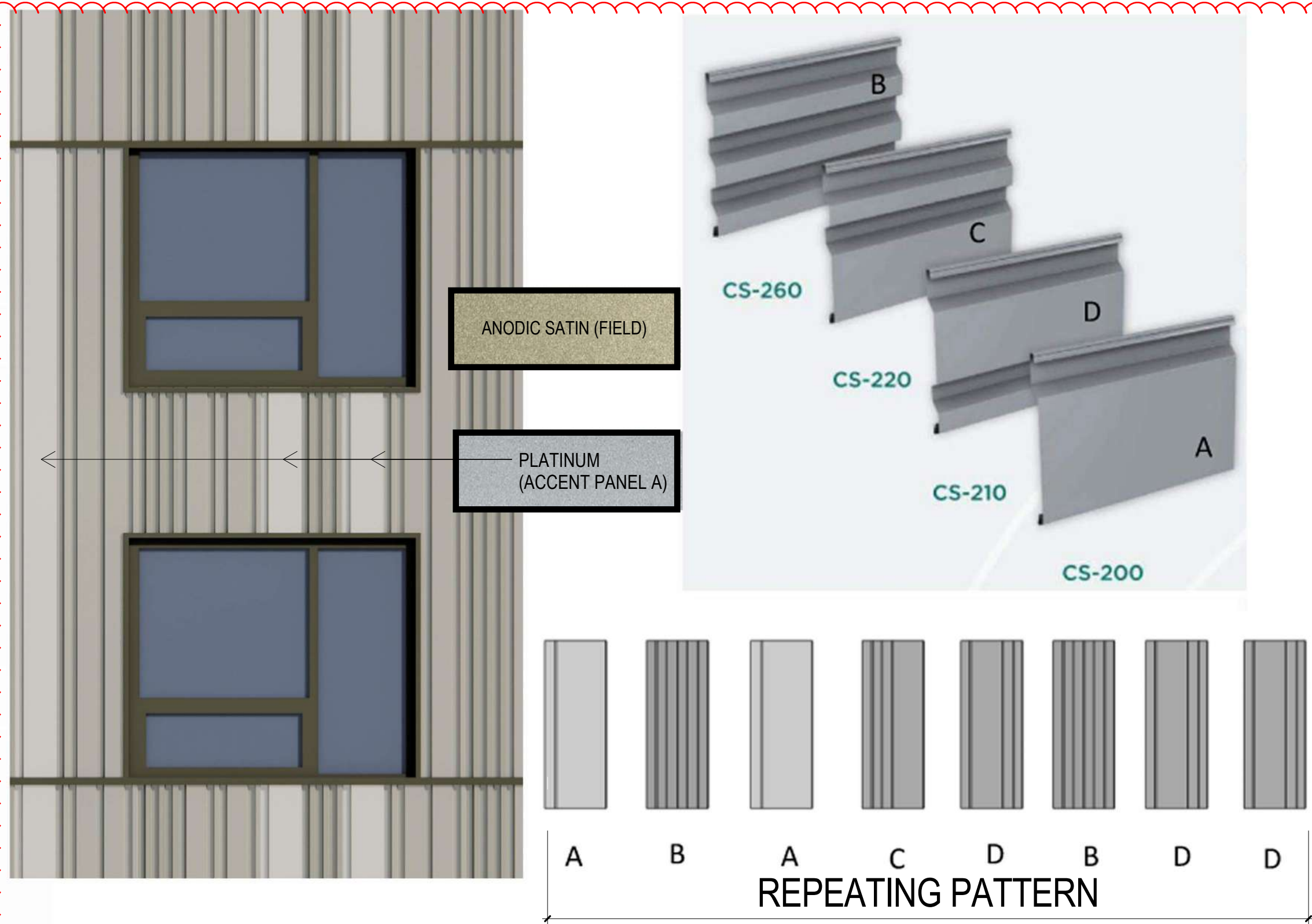
CABLE GUARDRAIL ASSEMBLY



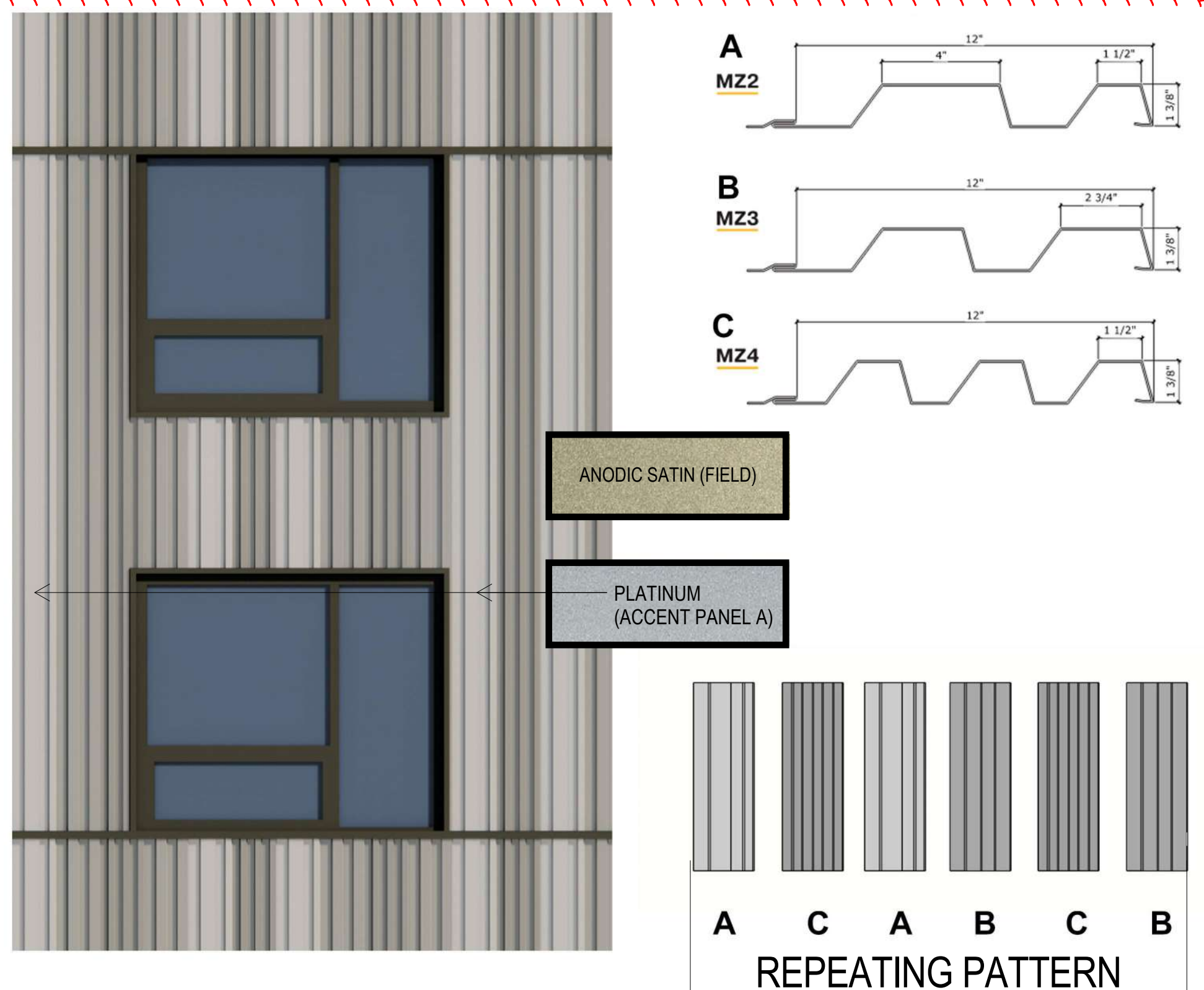
GUARDRAIL ASSEMBLY - ALUM PICKETS



GREEN SPACE WALL SYSTEM



PROFILE SERIES METAL PANEL 4 (CENTRIA)



PROFILE SERIES METAL PANEL 4 (MUZA)



PUBLIC ART INSTALLATION



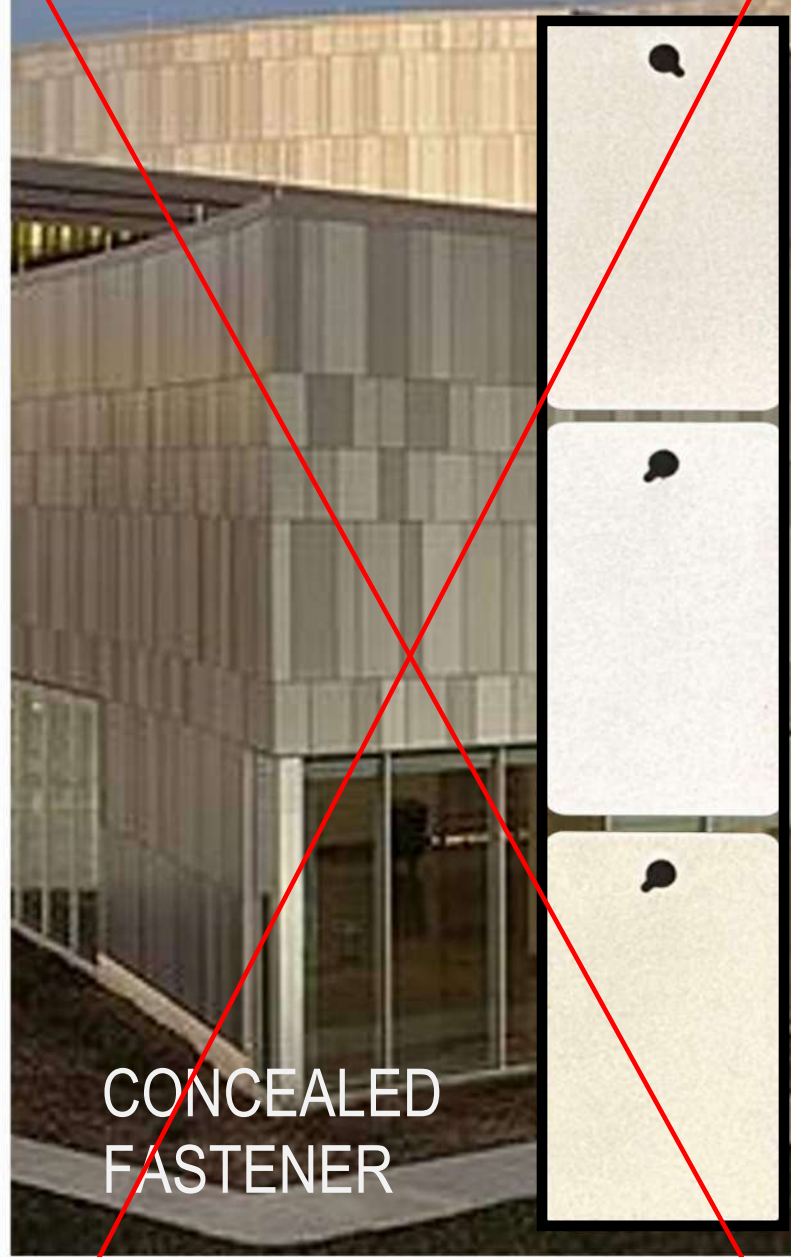
CEMENTITIOUS COATING



METAL PANEL 1



METAL PANEL 2



METAL PANEL 3 -



METAL PANEL 4 - corrugated concealed fastener



ALUM FRAMING SYSTEM - DARK BRONZE



ALUM WINDOW WALL - DARK BRONZE



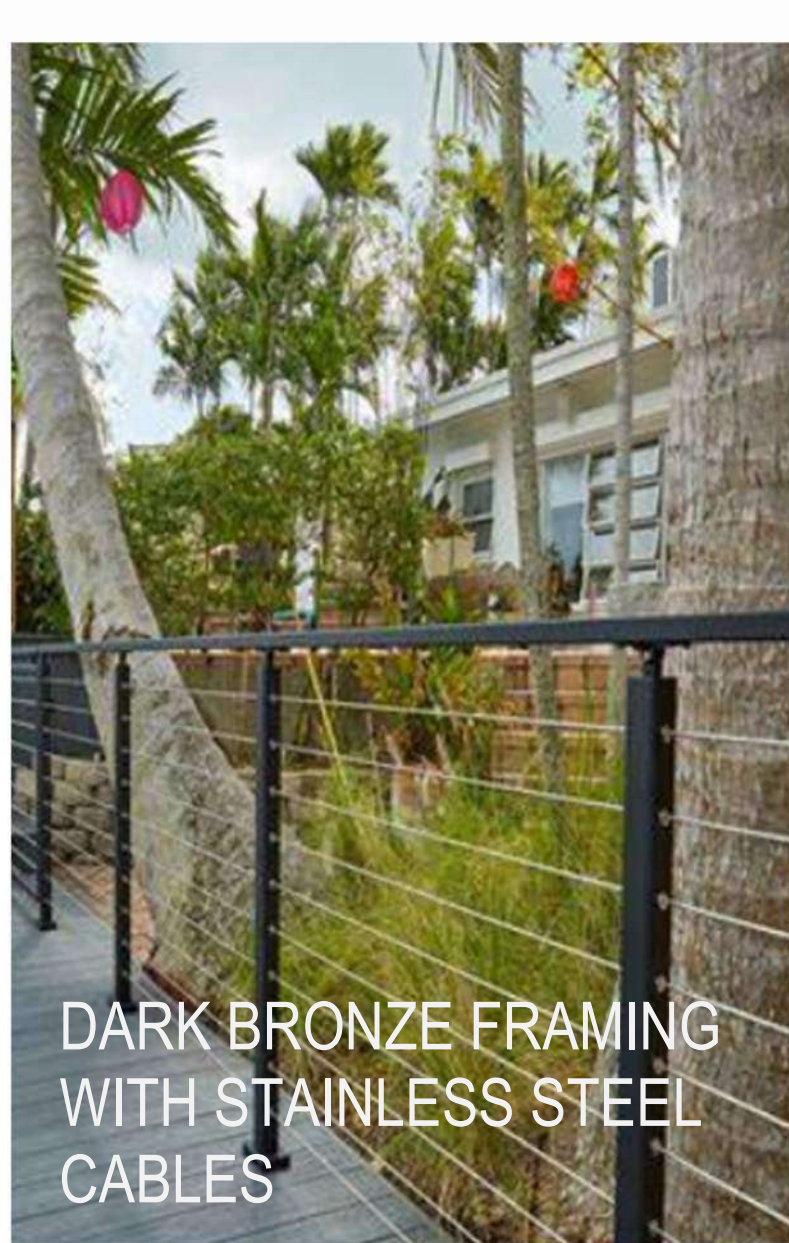
ALUM PATIO DOOR - DARK BRONZE



ARCHITECTURAL LOUVER - DARK BRONZE



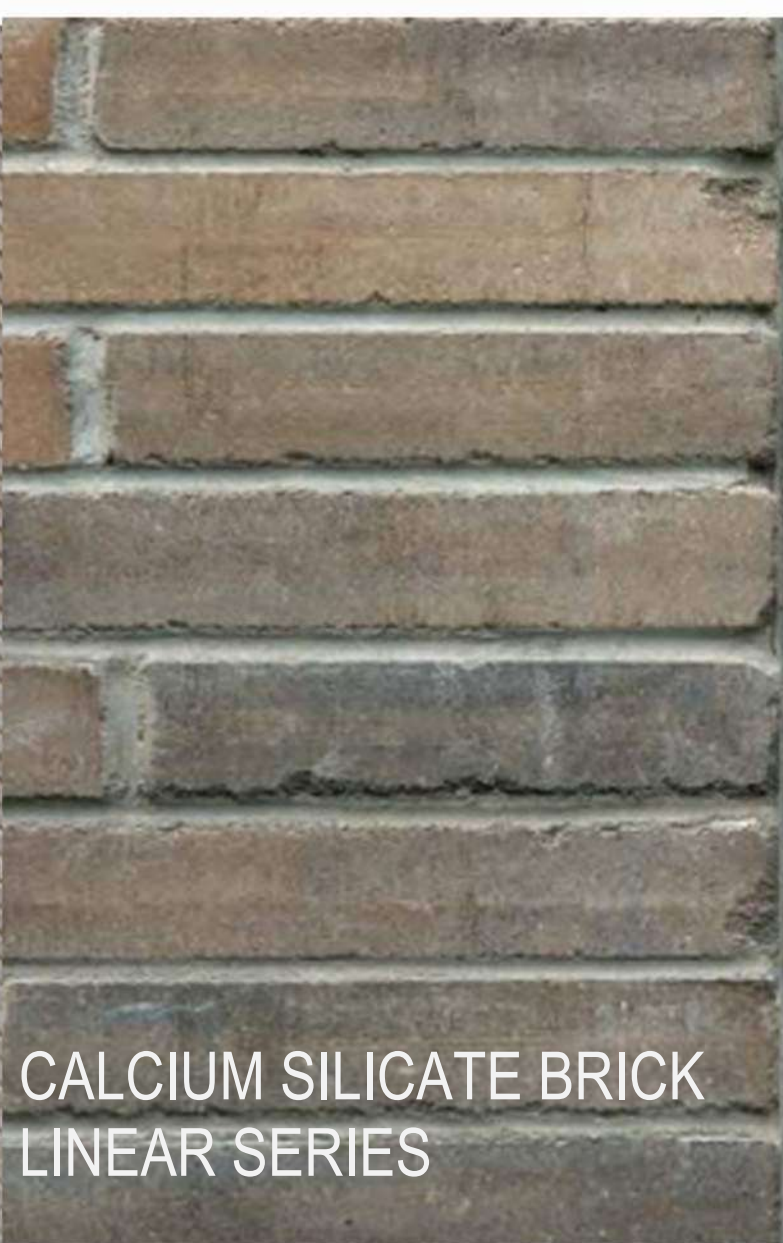
GLASS GUARDRAIL ASSEMBLY



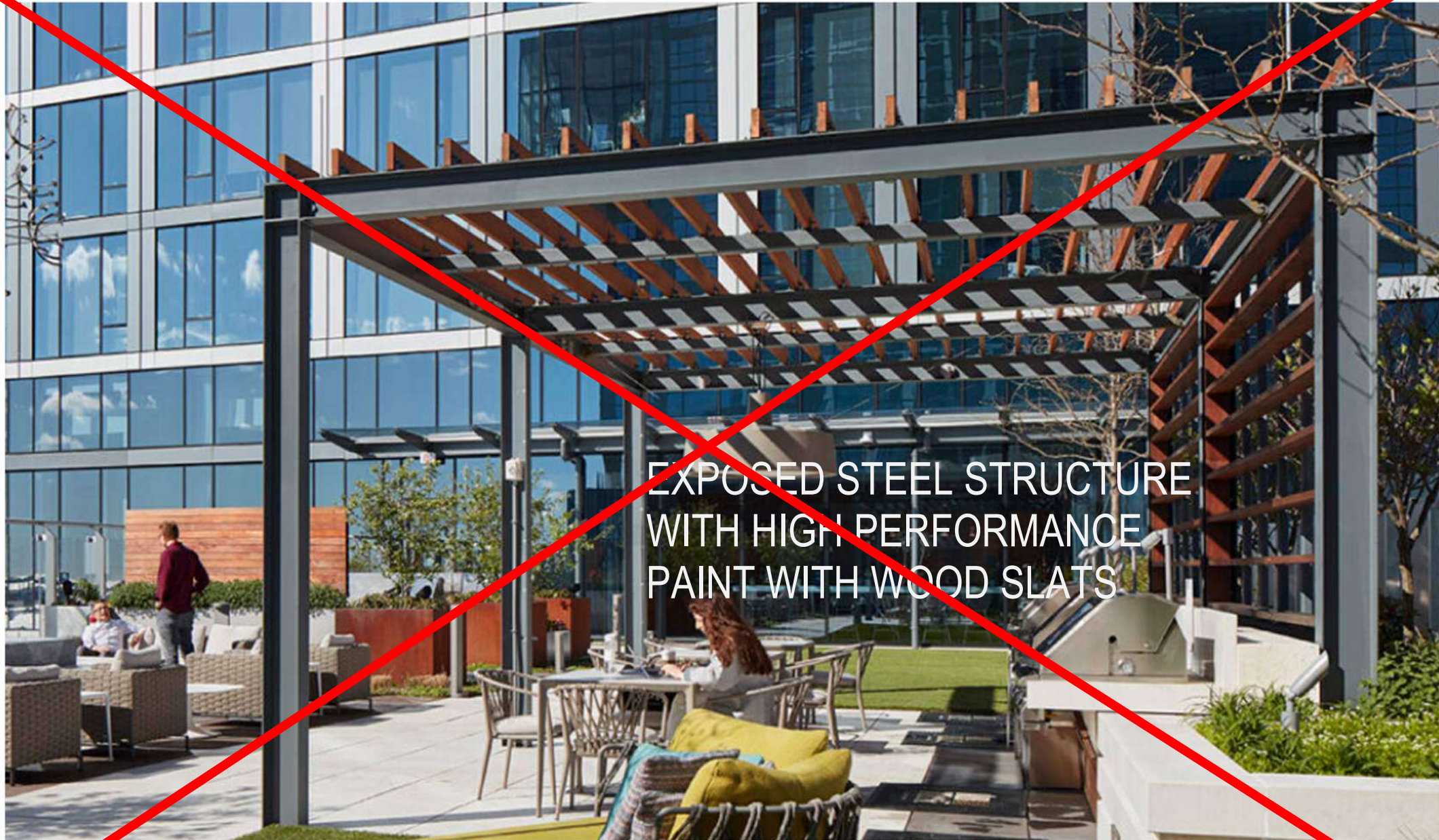
GUARDRAIL ASSEMBLY



GREEN SCREEN



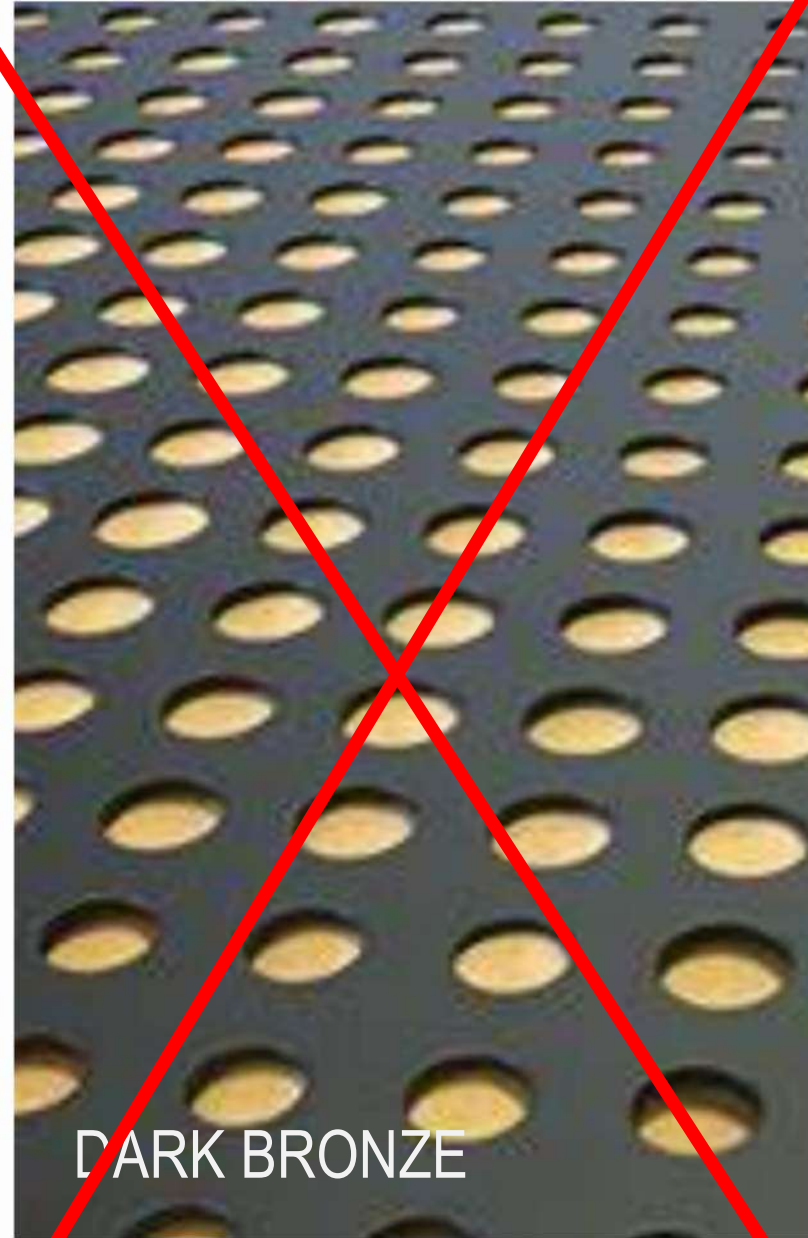
BRICK 1



PERGOLA



STONE 1

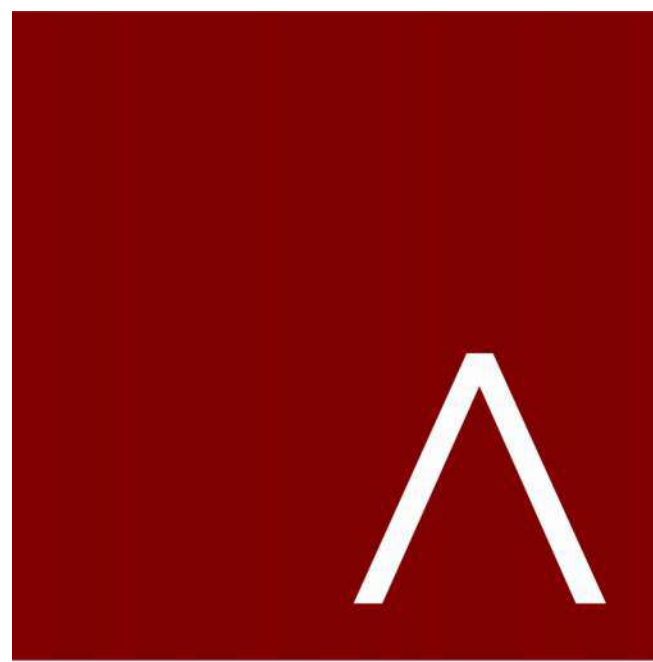


PERFORATED METAL PANEL



PUBLIC ART INSTALLATION

ORIGINAL MATERIAL BOARD



JLA ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

702 EAST WASHINGTON AVENUE MIXED-USE DEVELOPMENT

DESIGN DEVELOPMENT DOCUMENTS

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

DATE OF ISSUANCE JANUARY 5, 2024

REVISION SCHEDULE

Mark	Description	Date
------	-------------	------

SHEET TITLE

DIGITAL MATERIAL BOARD

SHEET NUMBER

A215

ELEVATION NOTES

1. GC TO PROVIDE MOCKUPS OF EACH EXTERIOR WALL MATERIAL/ASSEMBLIES.
2. GC TO SUBMIT CURTAINWALL VISION GLASS AND SPANDREL GLASS SAMPLES FOR REVIEW AND APPROVAL.
3. VERIFY BIRD-SAFE GLASS FRIT PATTERN.
4. PROVIDE ACM-REVEALS AT ACM - NO WET SEALS.
5. SUBMIT PANEL SYSTEM JOINT LAYOUT TO ARCHITECT FOR REVIEW AND APPROVAL.
6. COORDINATE WITH ARCHITECT THE LOCATIONS OF ALL MEP-RELATED PENETRATIONS OF THE EXTERIOR ENVELOPE.



JLA
ARCHITECTS

MADISON | MILWAUKEE | DENVER
JLA-AP.COM

SEVEN **20**
LIVE ICONIC

100% CDS FOR BIDDING AND PLAN REVIEW

REVISION SCHEDULE		
Mark	Description	Date
A3	ADDENDUM #3	03/28/2025
1	CB-01	TBD

EXTERIOR ELEVATION -
SOUTH

A216



EXTERIOR ELEVATION KEYNOTES	
MARK	NOTE
07.42.13	PERFORATED VERTICAL RIBBED METAL PANEL SCREENING ATTACHED TO STEEL FRAMING; COORD INSTALL REQS. LOCATION & SIZE BY MECH SUBCONTRACTOR. COLOR TO MATCH ADJACENT MATERIAL.
07.71.42	PRE-FINISHED METAL SCUPPER
07.72.02	30"W X 96"D CLASS 'A' ROOF HATCH; COORD INSTALL REQS. LOCATION, & SIZE.
23.84.00	PROPOSED AIR-HANDLING UNIT (AHU)

ELEVATION NOTES

1. GC TO PROVIDE MOCKUPS OF EACH EXTERIOR WALL MATERIAL/ASSEMBLIES.
2. GC TO SUBMIT CURTAINWALL VISION GLASS AND SPANDREL GLASS SAMPLES FOR REVIEW AND APPROVAL.
3. VERIFY BIRD-SAFE GLASS FRIT PATTERN.
4. PROVIDE ACM REVEALS AT ACM - NO WET SEALS.
5. SUBMIT PANEL SYSTEM JOINT LAYOUT TO ARCHITECT FOR REVIEW AND APPROVAL.

The logo for JLA Architects features a large, solid red square at the top. Inside the square, a large, white, stylized letter 'A' is centered. Below the square, the letters 'JLA' are prominently displayed in a large, bold, sans-serif font. The 'J' and 'L' are black, while the 'A' is red. Underneath 'JLA', the word 'ARCHITECTS' is written in a smaller, black, all-caps, sans-serif font with wide letter spacing. At the bottom of the logo, the text 'MADISON | MILWAUKEE | DENVER' is written in a black, all-caps, sans-serif font, followed by the website 'JLA-AP.COM' in a bold, black, all-caps, sans-serif font.

SEVEN **20**
LIVE ICONIC

FOR BIDDING AND PLAN
REVIEW

REVISION SCHEDULE		
Mark	Description	Date
A3	ADDENDUM #3	03/28/2025
1	CB-01	TBD

EXTERIOR ELEVATION -
NORTH

A217

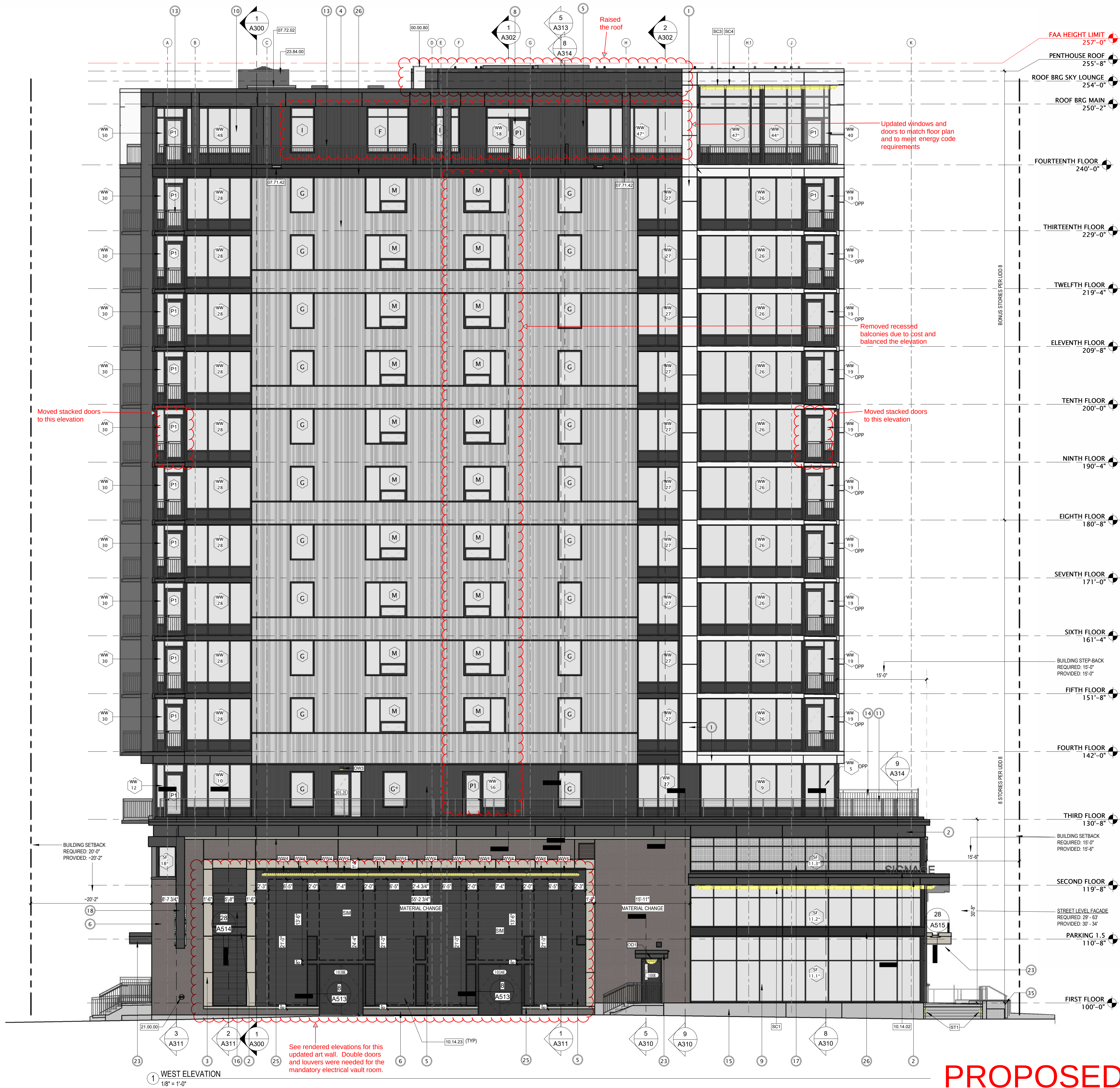


EXTERIOR LIGHT FIXTURE KEYNOTES	
MARK	NOTE
OD1	EXTERIOR DOWNLIGHT - FLUSHMOUNT, RECESSED INTO METAL SOFFIT PANELS. DESIGN-BUILD ELECTRICAL CONTRACTOR TO INSTALL PER MANUFACTURER'S CURRENT SPECIFICATIONS.
OW3	EXTERIOR WALL SCONCE LIGHT - SURFACE MOUNT ONTO EXTERIOR WALL FACADE. DESIGN-BUILD ELECTRICAL CONTRACTOR TO INSTALL PER MANUFACTURER'S CURRENT SPECIFICATIONS.
SC1	EXTERIOR STRIP LIGHT - FLUSH MOUNT, RECESSED INTO METAL SOFFIT PANELS. DESIGN-BUILD ELECTRICAL CONTRACTOR TO INSTALL PER MANUFACTURER'S CURRENT SPECIFICATIONS.
SC3	INNER SOFFIT PERIMETER EXTERIOR STRIP LIGHT - FLUSH MOUNT, RECESSED INTO METAL SOFFIT PANELS - REFER TO PHOTO-METRIC PLANS. DESIGN-BUILD ELECTRICAL CONTRACTOR TO INSTALL PER MANUFACTURER'S CURRENT SPECIFICATIONS.
SC4	OUTER SOFFIT PERIMETER EXTERIOR STRIP LIGHT - FLUSH MOUNT, RECESSED INTO METAL SOFFIT PANELS - REFER TO PHOTO-METRIC PLANS. DESIGN-BUILD ELECTRICAL CONTRACTOR TO INSTALL PER MANUFACTURER'S CURRENT SPECIFICATIONS.
ST1	EXTERIOR LIGHT - FLUSH MOUNT, RECESSED INTO CONCRETE WALL. DESIGN-BUILD ELECTRICAL CONTRACTOR TO INSTALL PER MANUFACTURER'S CURRENT SPECIFICATIONS.
WW4	EXTERIOR LINEAL DOWNLIGHT - SURFACE MOUNT ONTO EXTERIOR WALL FACADE. DESIGN-BUILD ELECTRICAL CONTRACTOR TO INSTALL PER MANUFACTURER'S CURRENT SPECIFICATIONS.

EXTERIOR ELEVATION KEYNOTES	
MARK	NOTE
00.00.00	OUTLINE OF UPPER SKY LOUNGE ROOF LEVEL ROOF ABOVE. REFER TO UPPER ROOF SLAB EDGE PLANS.
07.71.42	PRE-FINISHED METAL SCUPPER.
07.72.02	30W-8FT CLASS P ROOF HATCH. COORD. INSTALL REGS. LOCATION & SIZE.
10.14.00	FUTURE SIGNAGE BY OWNER/SIGNAGE CONTRACTOR.
10.14.23	PROPOSED ARTWORK / SIGNAGE LOCATION AND CONFIGURATION. SUBMIT ARTWORK TO ARCHITECT AND/OR OWNER FOR FINAL APPROVAL.
21.00.00	FDD (FIRE DEPARTMENT CONNECTION) LOCATION - CONFIRM FINAL LOCATION WITH FIRE DEPARTMENT.
23.84.00	PROPOSED AIR HANDLING UNIT (AHU).

ELEVATION NOTES	
1.	GC TO PROVIDE MOCKUPS OF EACH EXTERIOR WALL MATERIAL ASSEMBLY.
2.	GC TO SUBMIT CURTAIN WALL VISION GLASS AND SPANDREL GLASS SAMPLES FOR REVIEW AND APPROVAL.
3.	VERIFY BRD SAFE GLASS FRIT PATTERN.
4.	PROVIDE ACM REVEALS AT ACM - NO WET SEALS.
5.	SUBMIT PANEL SYSTEM JOINT LAYOUT TO ARCHITECT FOR REVIEW AND APPROVAL.
6.	COORDINATE WITH ARCHITECT THE LOCATIONS OF ALL MEP RELATED PENETRATIONS OF THE EXTERIOR ENVELOPE.

EXTERIOR MATERIALS SCHEDULE					
MARK	DESCRIPTION	MANUFACTURER	TYPE / STYLE	DIMENSIONS	COLOR
1	COMPOSITE METAL PANEL 1	ALUCOBOND	PLUS - DRY REVEAL	2" DEEP PANEL	BONE WHITE
2	COMPOSITE METAL PANEL 2	ALUCOBOND	PLUS - DRY REVEAL	2" DEEP PANEL	NEW AGE DARK BRONZE MICA
3	COMPOSITE METAL PANEL 3	ALUCOBOND	PLUS - DRY REVEAL	2" DEEP PANEL	BEIGE
4	PROFILE SERIES METAL PANEL 4	CENTRIA OR MUZA	SEE SHEET A215	SEE SHEET A215 - 24 GAUGE	ANODIC SATIN PLATINUM
5	METAL CORRUGATED PANEL 5	CENTRIA OR MUZA	CONCEPT SERIES CS-280 OR MUZA M24	SEE SHEET A215 - 24 GAUGE	DARK BRONZE
6	BRICK 1	ENDICOTT	UTILITY VELOUR	3.58" x 3.58" x 11.58"	LIGHT GRAY BLEND VELOUR
7	CEMENTITIOUS COATING	STYRO	BRUSH ON ST		FOUNDATION GREY
8	PAVO DOOR OR EQUAL	INTUS	POLYMER STEEL REINFORCED SLIDING DOORS	SEE SCHEDULE	DARK BRONZE
9	ALUMINUM STOREFRONT	KAYNEER - TRIFAB 801T	PREFINISHED ALUMINUM	SEE STOREFRONT ELEVATIONS	DARK BRONZE
10	WINDOW WALL OR EQUAL	INTUS	POLYMER STEEL REINFORCED SUPERA SYSTEM	SEE WINDOW WALL ELEVATIONS	DARK BRONZE
11	CABLE GUARD RAIL ASSEMBLY	HDR RAILING SYSTEMS	KOTO PLATINUM - HORIZ. CABLE RAIL	SEE ELEVATIONS	BRUSHED STAINLESS STEEL
12	GREEN SPACE WALL SYSTEM	TOURINSCA	GREENSCREEN TRELLIS	SEE ELEVATIONS	CEDAR BRONZE
13	GUARD RAIL ASSEMBLY - ALUMINUM PICKETS	KANE STERLING	CONTEMPORARY	SEE ELEVATIONS	MEDIUM BRONZE METALLIC
14	GLASS RAIL ASSEMBLY - ALUMINUM PICKETS	KANE STERLING	OCEAN VIEW	SEE ELEVATIONS	MEDIUM BRONZE METALLIC
15	CONCRETE PLANTER BOX	N/A		SEE PLANS	NATURAL
16	VENTILATION LOUVERS	ABOLITE	SCH401 - STORM GLASS	SEE ELEVATIONS	MATCH ADJACENT MATERIAL
17	PRINTED GLASS	SUNGUARD SHASST 70	HORIZONTAL LINE FRIT	1" WIDE FRIT WITH 1" SPACE	W/IN GRAY
18	BUILDING SIGNAGE	TBD	ILLUMINATED CHANNEL LETTERS	SEE ELEVATIONS	TBD
23	BUILDING CANOPY	ABOLITE	PLUS - DRY REVEAL	2" DEEP PANEL	NEW AGE DARK BRONZE MICA & BEIGE
24	VENTILATION LOUVERS	ABOLITE	SCH401 - STORM GLASS	SEE ELEVATIONS	DARK BRONZE
25	CAST STONE SILL	EDWARDS CAST STONE	CAST STONE PROFILE	SEE ARCHITECTURAL DETAILS FOR PROFILE	SELECTED BY ARCHITECT
26	COMPOSITE METAL PANEL 6	ALUCOBOND	PLUS - DRY REVEAL	2" DEEP PANEL	DARK BRONZE ANODIZED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106



720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE		
Mark	Description	Date
A3	ADDENDUM #3	03/28/2025
1	CS-01	TBD

SHEET TITLE

EXTERIOR ELEVATION -
WEST

SHEET NUMBER

A218

ELEVATION NOTES	
1.	GC TO PROVIDE MOCKUPS OF EACH EXTERIOR WALL MATERIAL ASSEMBLIES.
2.	GC TO SUBMIT CURTAINWALL VISION GLASS AND SPANDREL GLASS SAMPLES FOR REVIEW AND APPROVAL.
3.	VERIFY BIRD-SAFE GLASS FRIT PATTERN.
4.	PROVIDE ACM REVEALS AT ACM - NO WET SEALS.
5.	SUBMIT PANEL SYSTEM JOINT LAYOUT TO ARCHITECT FOR REVIEW AND APPROVAL.
6.	COORDINATE WITH ARCHITECT THE LOCATIONS OF ALL MEP RELATED PENETRATIONS OF THE EXTERIOR ENVELOPE.

The logo for JLA Architects features a large, solid red square. Inside the square, a large, white, stylized letter 'A' is positioned in the lower right corner. Below the square, the letters 'JLA' are displayed in a bold, sans-serif font. The 'J' and 'L' are black, while the 'A' is red. To the right of 'JLA', the word 'ARCHITECTS' is written in a smaller, black, all-caps, sans-serif font. Below this, the text 'MADISON | MILWAUKEE | DENVER' is written in a black, all-caps, sans-serif font. At the bottom, the website 'JLA-AP.COM' is written in a bold, black, all-caps, sans-serif font.

SEVEN 
LIVE ICONIC

100% CDS FOR BIDDING AND PLAN REVIEW

A219

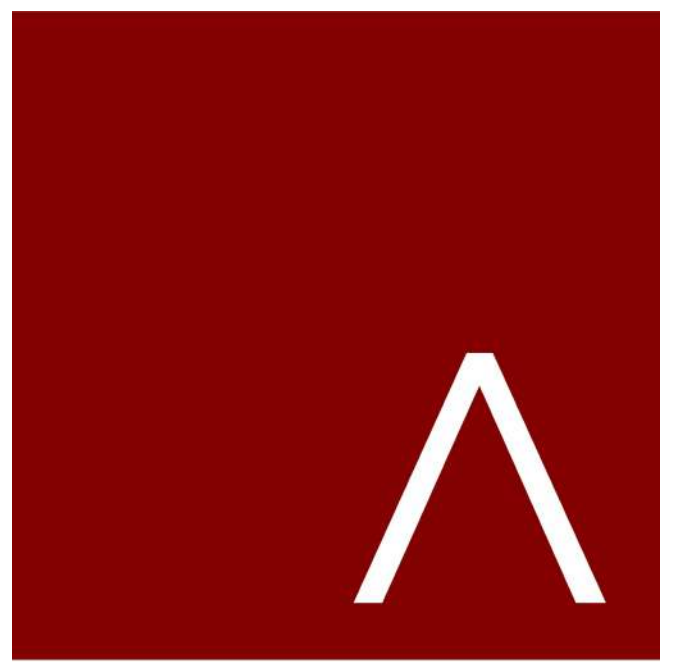




PROPOSED



APPROVED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN 20
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE		
Mark	Description	Date

SHEET TITLE

EXTERIOR
PERSPECTIVES

SHEET NUMBER

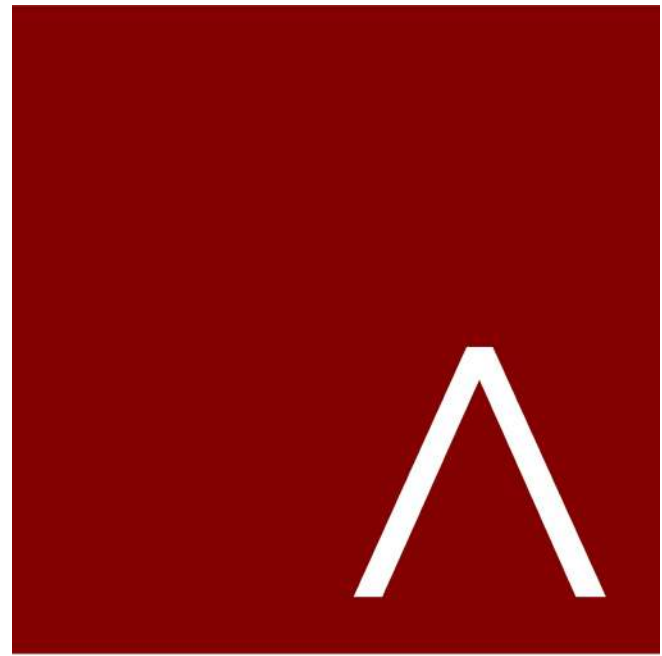
A220



PROPOSED



APPROVED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN 20
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE

Mark	Description	Date

SHEET TITLE

EXTERIOR
PERSPECTIVES

SHEET NUMBER

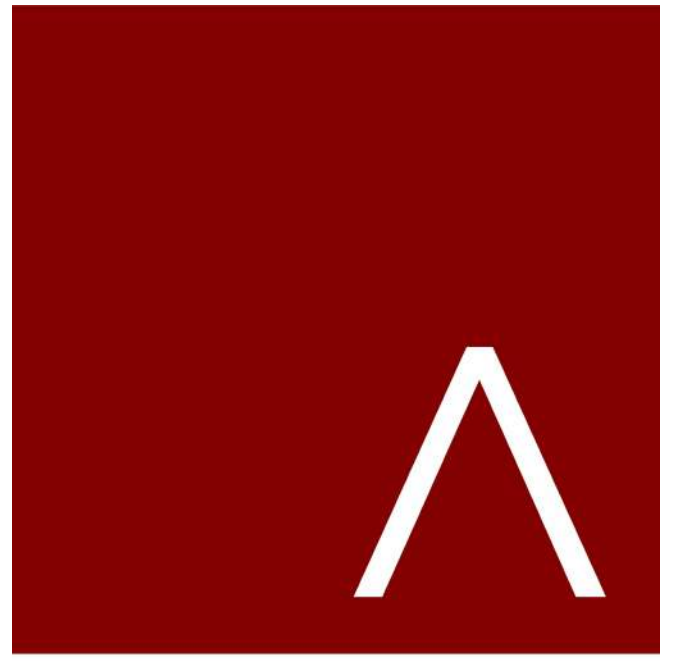
A221



PROPOSED



APPROVED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN 20
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE

Mark	Description	Date

SHEET TITLE

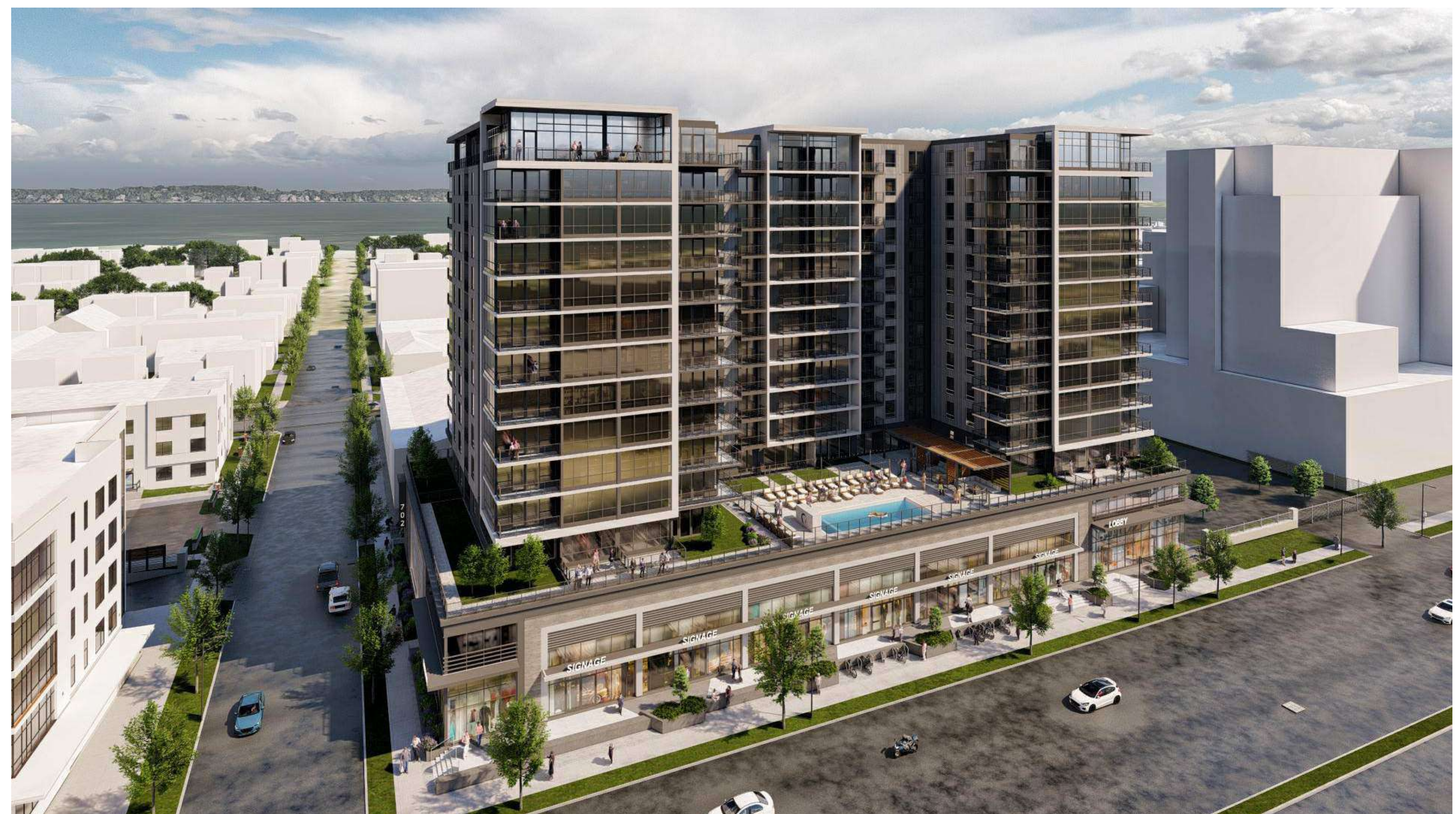
EXTERIOR
PERSPECTIVES

SHEET NUMBER

A222



PROPOSED



APPROVED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN 20
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE

Mark	Description	Date

SHEET TITLE

EXTERIOR
PERSPECTIVES

SHEET NUMBER

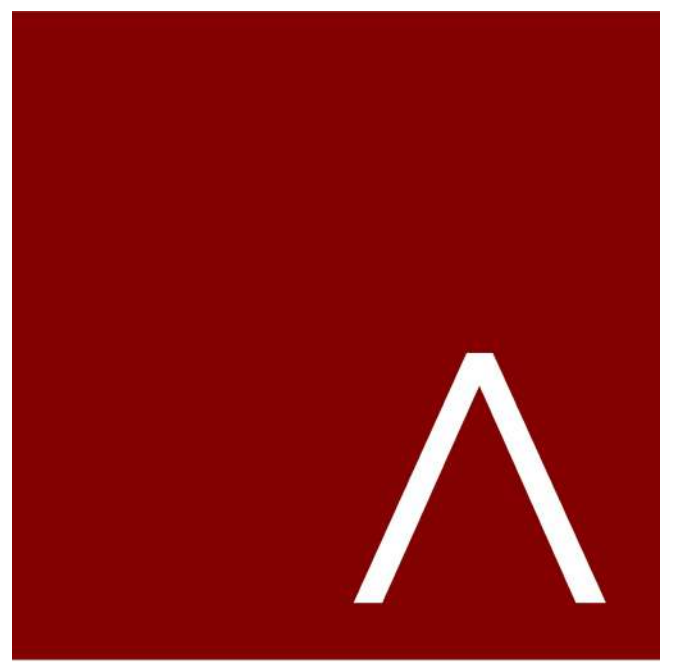
A223



PROPOSED



APPROVED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN 20
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE

Mark	Description	Date

SHEET TITLE

EXTERIOR
PERSPECTIVES

SHEET NUMBER

A224

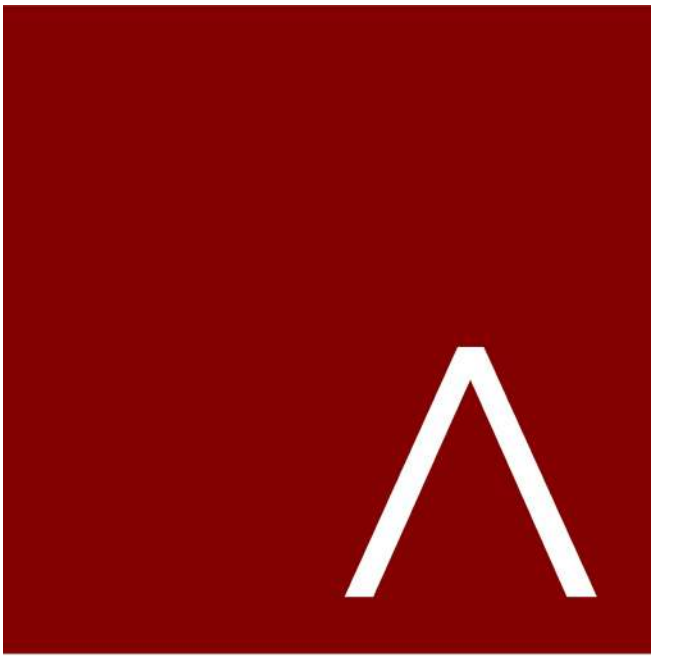


PROPOSED



PROPOSED ARTWALL

APPROVED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN 20
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE

Mark	Description	Date

SHEET TITLE

EXTERIOR
PERSPECTIVES

SHEET NUMBER

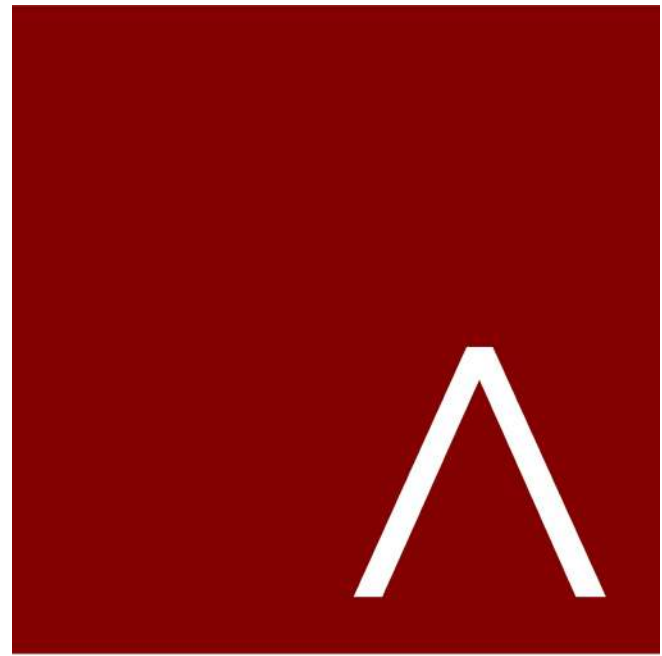
A225



PROPOSED



APPROVED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN 20
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE

Mark	Description	Date

SHEET TITLE

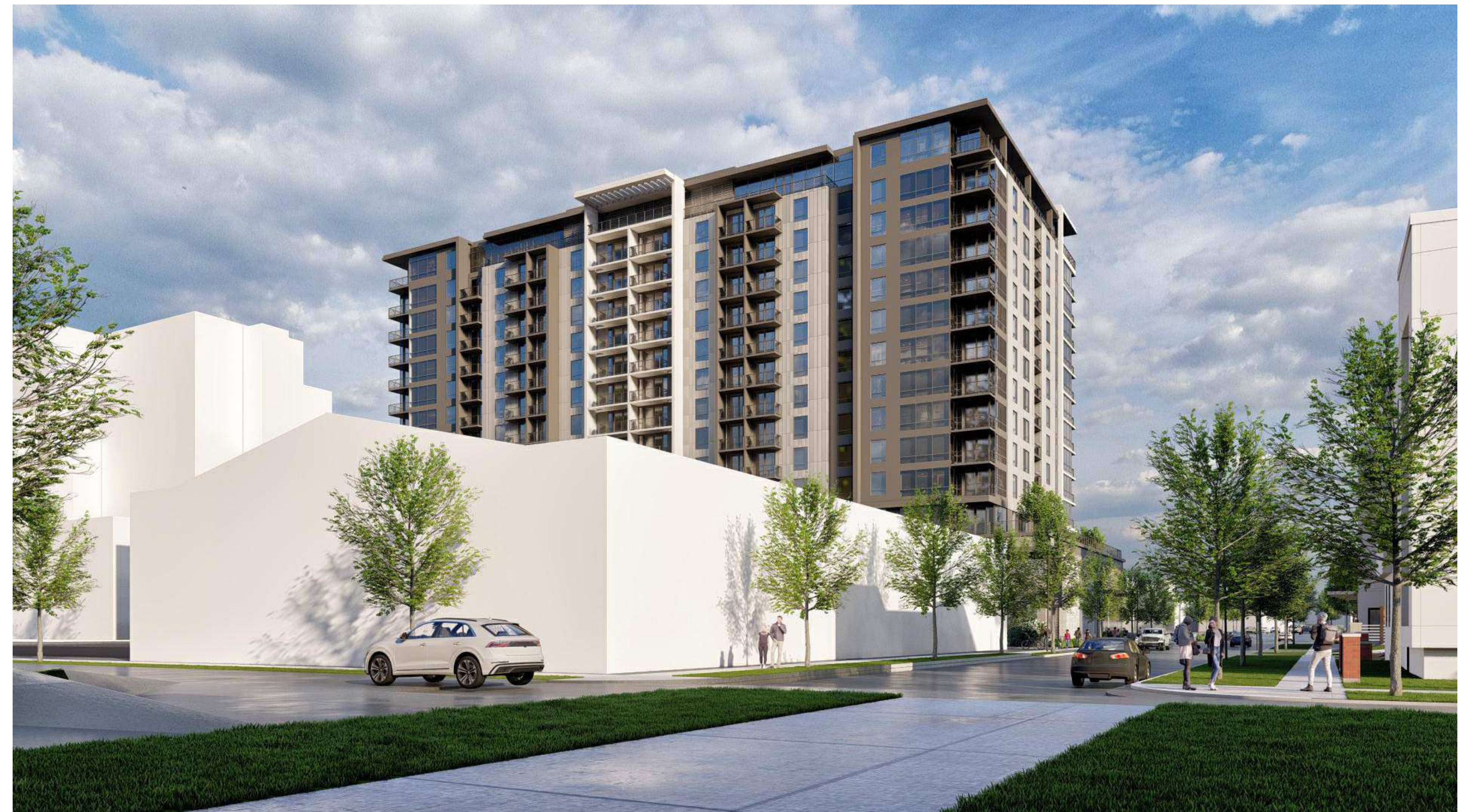
EXTERIOR
PERSPECTIVES

SHEET NUMBER

A226



PROPOSED



APPROVED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE

Mark	Description	Date

SHEET TITLE

EXTERIOR
PERSPECTIVES

SHEET NUMBER

A227



PROPOSED



APPROVED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN 
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE

Mark	Description	Date

SHEET TITLE

EXTERIOR
PERSPECTIVES

SHEET NUMBER

A228



PROPOSED



APPROVED



JLA
ARCHITECTS
MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN 20
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR BIDDING AND PLAN
REVIEW

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE

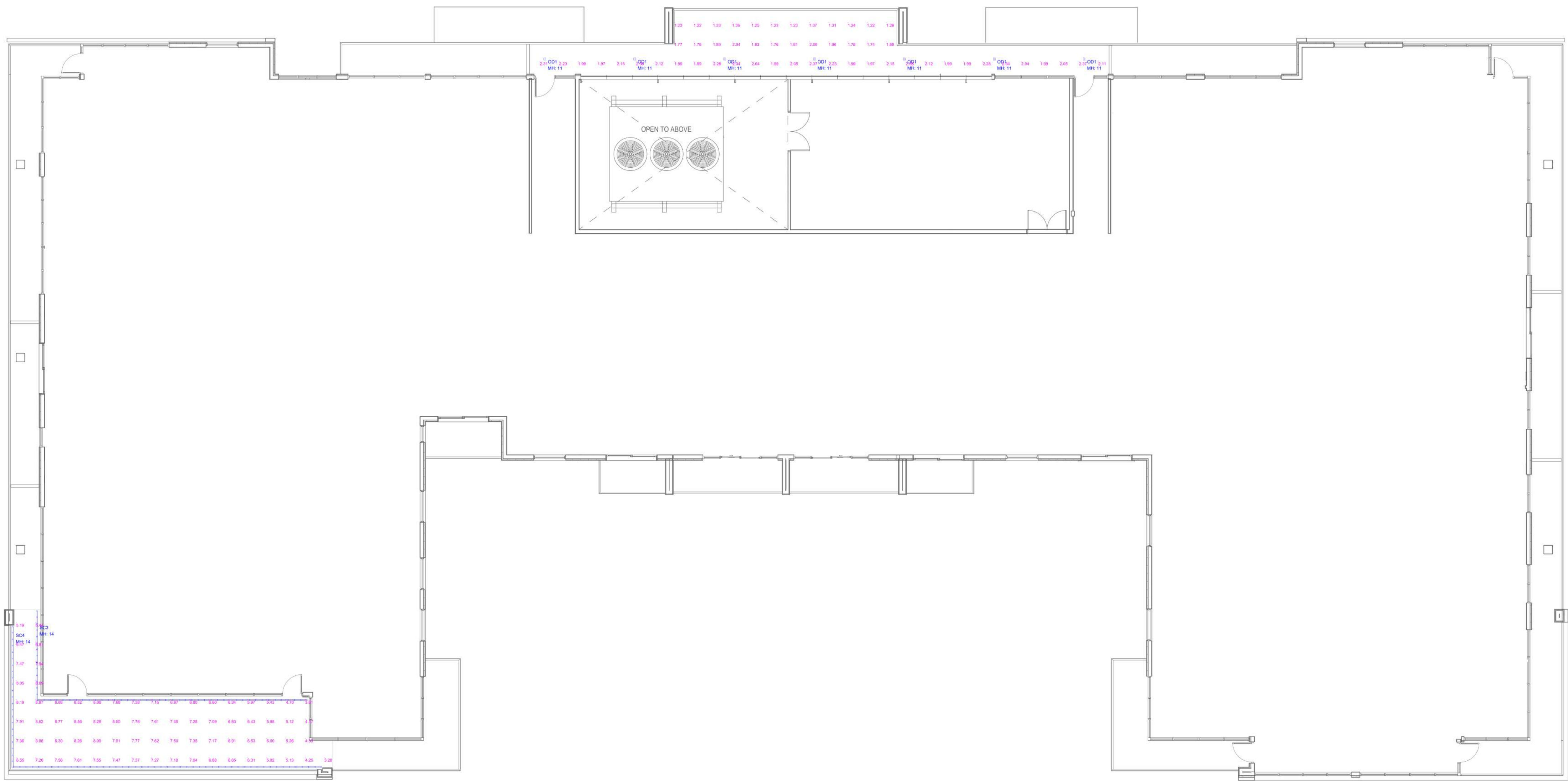
Mark	Description	Date

SHEET TITLE

EXTERIOR
PERSPECTIVES

SHEET NUMBER

A229



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
OBSERVATION DECK	Illuminance	Fc	1.89	2.38	1.22	1.55	1.95
SKY DECK	Illuminance	Fc	6.97	8.88	3.28	2.13	2.71

Luminaire Schedule								
Qty	Label	Arrangement	LLF	MFR	Description	Lum. Watts	Total Watts	Lum. Lumens
7	OD1	SINGLE	0.950	LITHONIA	LDN4SQ xxK_05 LS4 (Trim Color) (Trim Finish) (Flange Color) MVOLT EZ1 90CRI	5.74	40.18	433
1	SC3	GROUP	N.A.	DADO	EHL25-1EL-35-1-W-R-S-PAT- (504 x 164) -LT90-S-(Lip Color)-IN - (Driver Info) -FIELD VERIFY LENGTH	N.A.	167.7	N.A.
1	SC4	GROUP	N.A.	DADO	EHL25-1EL-35-1-W-R-S-PAT- (564 x 260) -LT90-S-(Lip Color)-IN - (Driver Info) -FIELD VERIFY LENGTH	N.A.	201.24	N.A.



COMMENTS

DATE

#

REVISIONS

DRAWN BY : DC

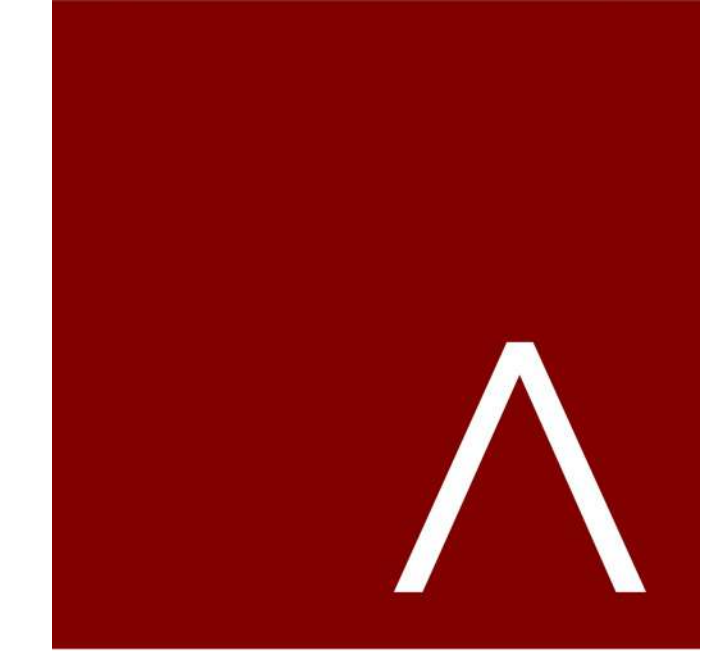
DATE : FEB 25, 2025

SCALE : 3/32" = 1'-0"

702 E. WASHINGTON

MADISON, WISCONSIN

FOURTEENTH FLOOR LIGHTING LAYOUT



JLA
ARCHITECTS

MADISON | MILWAUKEE | DENVER
JLA-AP.COM

JLA PROJECT NUMBER: W22-0106

SEVEN
LIVE ICONIC

720 EAST
WASHINGTON
AVENUE MIXED-USE
DEVELOPMENT

100% CDS FOR SITE PLAN
RESUBMITTAL

DATE OF ISSUANCE FEBRUARY 28, 2025

REVISION SCHEDULE		
Mark	Description	Date

SHEET TITLE

14TH FLOOR LIGHTING LAYOUT

SHEET NUMBER

PH114

Submitted by Enterprise Lighting, LTD.		Catalog Number: FOURTEENTH FLOOR	Type:
	Job Name: 720 E. Washington - Specified Package	Notes:	ELL25-136433

FOURTEENTH FLOOR



FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Durable square metal reflectors retained by torsion springs.

Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment.

Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step MacAdam Ellipse; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

UGR — **UGR** is zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg, per CIE 117-1996 Discomfort Glare in Interior Lighting.

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

LUMEN MAINTENANCE — 70% lumen maintenance at 60,000 hours. (L70/60,000 hours)

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated. Drivers are RoHS compliant.

GOVERNMENT PROCUREMENT — BAA — Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

PERFORMANCE DATA

LDN4SQ 3500K AR LSS CRI80			
Nominal	Lumens	Wattage	Lm/W
500	432.5	5.7	75.3
750	620	8.6	72.1
1000	863	10.6	81.6
1500	1249	17.5	71.4
2000	1657	22.1	74.9
2500	2218	26.1	85.0
3000	2483	32.1	77.4
4000	3479	43.0	80.9

Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

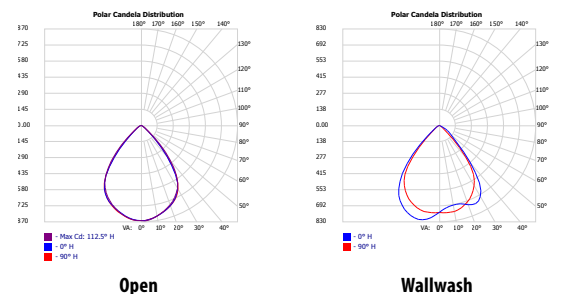


Catalog Number
Notes
Type

LDN4SQ STATIC WHITE

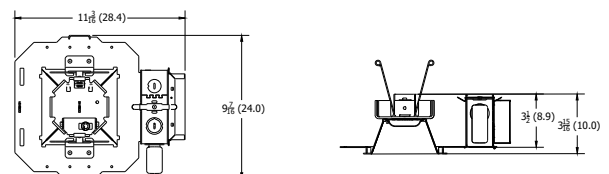


4" Square Open and Wallwash LED
Non-IC
New Construction Downlight



DIMENSIONS

LDN4 500 - 1500 LUMENS



Aperture: 4-5/16" (11)
Ceiling Opening: 5-1/8" (13)
Overlap Trim: 5-7/16" (13.8)

See page 4 for other fixture dimensions

DOWNLIGHTING

LDN4SQ

Submitted by Enterprise Lighting, LTD.		Catalog Number: LDN4SQ XX/05 LS4AR LSS MVOLT EZ1 90CRI Notes:		Type: OD1 ELL25-136433
	Job Name: 720 E. Washington - Specified Package			

LDN4SQ

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN4SQ 35/15 LS4 AR LSS MVOLT EZ1

LDN4SQ	XX = Specify						
Series	Color temperature	Lumens ‡	Trim Style	Trim Color	Trim Finish	Flange Color ‡	Voltage
LDN4SQ 4" square	27/ 2700K 30/ 3000K 35/ 3500K 40/ 4000K 50/ 5000K	05 500 lumens 07 750 lumens 10 1000 lumens 15 1500 lumens 20 2000 lumens 25 2500 lumens 30 3000 lumens 40 4000 lumens	LS4 Downlight LSW4 Wallwash	AR Clear WR ‡ White BR ‡ Black TCPC ‡ Custom painted trim TRALTBD ‡ RAL painted trim	LSS Semi-specular LD Matte diffuse LS Specular	TRW White painted flange TRBL Black painted flange FCPC Custom painted flange only FRALTBD RAL painted flange only	MVOLT Multi-volt 120 120V 277 277V 347 ‡ 347V

Driver	Emergency ‡	Control Input ‡	Options
GZ10 0-10V driver dims to 10%	(blank) No Emergency Needed	(blank) No Control Input Needed	HAO ‡ High ambient option (40°C)
GZ1 0-10V driver dims to 1%	EL Battery pack (10W constant power), non-T20 compliant, integral test switch	JOT Wireless room control with "Just One Touch" pairing	CP ‡ Chicago Plenum
D10 Minimum dimming 10% driver for use with JOT	ELR Battery pack (10W constant power), non-T20 compliant, remote test switch	NPP16D nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1).	RRL____ RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC12S.
D1 Minimum dimming 1% driver for use with JOT	ELSD Self-diagnostic battery pack (10W constant power), non-T20 compliant, integral test switch	NPP16DER nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.	BAA Buy America(n) Act and/or Build America Buy America Qualified
EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1%	ELRSD Self-diagnostic battery pack (10W constant power), non-T20 compliant, remote test switch	NPS80EZ nLight® dimming pack controls 0-10V eldoLED drivers (EZ1).	90CRI High CRI (90+)
EDAB eldoLED DALI SOLD/DRIVE dim to dark	E10WCP Battery pack (10W constant power), T20 compliant, integral test switch	NPS80EZER nLight® dimming pack controls 0-10V eldoLED drivers (EZ1). ER controls fixtures on emergency circuit.	SF ‡ Single fuse
	E10WCPR Battery pack (10W constant power), T20 compliant, remote test switch	N80 nLight™ Lumen Compensation	
	E10WRSTAR Emergency battery pack, 10W with remote test switch and Iota STAR technology	NLTAIR2 nLight® Air enabled	
		NLTAIRER2 nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options	
		NLTAIREM2 nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection. Available with battery pack options.	

‡ Option Value Ordering Restrictions

Option value	Restriction
Lumens	Overall height varies based on lumen package; refer to dimensional chart.
TRW, TRBL	Available with clear (AR) reflector only. Not available with finishes.
347	Not available with emergency options.
SF	Must specify voltage 120V or 277V.
EL, ELR, ELSD, ELRSD, E10WCP, E10WCPR	12.5" of plenum depth or top access required for battery pack maintenance.
NPP16D, NPP16DER, NPS80EZ, NPS80EZER	Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed. See UL 924 Sequence of Operation table.
NLTAIR2, NLTAIRER2, NLTAIREM2	NLTAIR2, NLTAIRER2 and NLTAIREM2 not recommended for metal ceiling installations. See UL 924 Sequence of Operation table. Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options.
N80	Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZ ER. Only available with EZ1 drivers.
HAO	Fixture height is 5-11/16" for all lumen packages with HAO.
CP	Must specify voltage for 3000lm. Not available with emergency battery pack option.
JOT	Must specify D10 or D1 driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation. Not for use with emergency backup power systems other than battery packs.
Reloc® Options	Refer to RRL specification sheet on acuitybrands.com for further details.
RRLAE	Commercial fixtures should disconnect the TSPL before unplugging the RRL so it does not go into discharge mode.
RRLC12S	RRLC12S option is to be used with the OnePass OCU, OCS, OD, OFC and OD for 0-24V integrated single-circuit or 0-10V low voltage controls applications. Not available with integral dimming sensors.
TRALTBD, FRALTBD	RALTBD for pricing only. Replace with applicable RAL number and finish when ready to order. See the RAL BROCHURE for available color options.
TCPC, FCPC	CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click HERE for more details
E10WRSTAR	Not available with wet location, EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, ALO3 & ALO4 w/DALI, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch

Submitted by Enterprise Lighting, LTD.		Catalog Number: LDN4SQ XX/05 LS4AR LSS MVOLT EZ1 90CRI Notes:		Type: OD1 ELL25-136433
	Job Name: 720 E. Washington - Specified Package			

LDN4SQ

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07.2H A	7W	120	840	Storm Shelter / 2 Hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A+	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A+	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic
ILBHI CP10 HE SD A+	10W	90	1200	347-480V AC Input, Title 20, Self Diagnostic
ILBHI CP15 HE SD A+	15W	90	1800	347-480V AC Input, Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.

*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.

The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.

Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.



LDN4SQ

DOWNLIGHTING: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved. Rev. 10/08/24

Submitted On: Feb 28, 2025

3/8

[Index Page](#)



Job Name:
720 E. Washington - Specified Package

Catalog Number:

LDN4SQ XX/05 LS4AR LSS MVOLT
EZ1 90CRI

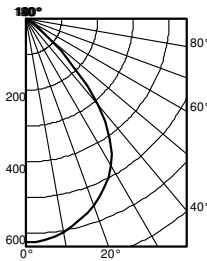
Notes:

Type:**OD1**

ELL25-136433

LDN4SQ**PHOTOMETRY****Distribution Curve****Distribution Data****Output Data****Illuminance Data at 30" Above Floor for a Single Luminaire**

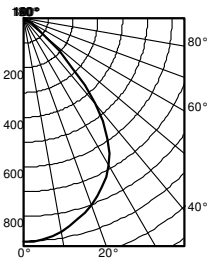
LDN4SQ 35/10 LS4AR, input watts: 10.58, delivered lumens: 908.4, LM/W = 85.86, spacing criterion at 0= 1.15, test no. ISF 35250P109



Ave	Lumens	Zone	Lumens	% Lamp
0	625	0° - 30°	460.2	50.7
5	621	0° - 40°	710.8	78.2
15	580	0° - 60°	897.5	98.8
25	519	0° - 90°	908.1	100.0
35	409	90° - 120°	0.0	0.0
45	192	90° - 130°	0.0	0.0
55	37	90° - 150°	0.1	0.0
65	7	90° - 180°	0.3	0.0
75	2	0° - 180°	908.4	*100.0
85	0			
90	0			

Initial FC					
Mounting	Center	50% beam -		10% beam -	
Height	Beam	Diameter	FC	Diameter	FC
8.0	20.6	6.3	10.3	11.2	2.1
10.0	11.1	8.6	5.5	15.2	1.1
12.0	6.9	10.9	3.5	19.3	0.7
14.0	4.7	13.1	2.4	23.4	0.5
16.0	3.4	15.4	1.7	27.4	0.3

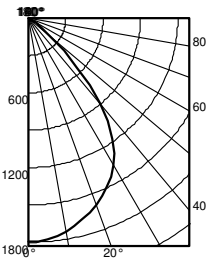
LDN4SQ 35/15 LS4AR, input watts: 17.5, delivered lumens: 1314.4, LM/W = 75.10, spacing criterion at 0= 1.15, test no. ISF 35250P114.



Ave	Lumens	Zone	Lumens	% Lamp
0	904	0° - 30°	665.9	50.7
5	898	0° - 40°	1028.5	78.2
15	840	0° - 60°	1298.6	98.8
25	751	0° - 90°	1314.0	100.0
35	592	90° - 120°	0.0	0.0
45	277	90° - 130°	0.0	0.0
55	54	90° - 150°	0.1	0.0
65	11	90° - 180°	0.4	0.0
75	2	0° - 180°	1314.4	*100.0
85	1			
90	0			

Initial FC					
Mounting	Center	50% beam -		10% beam -	
Height	Beam	Diameter	FC	Diameter	FC
8.0	29.9	6.3	14.9	11.2	3.0
10.0	16.1	8.6	8.0	15.2	1.6
12.0	10.0	10.9	5.0	19.3	1.0
14.0	6.8	13.1	3.4	23.4	0.7
16.0	5.0	15.4	2.5	27.4	0.5

LDN4SQ 35/30 LS4AR, input watts: 32.1, delivered lumens: 2614.1, LM/W = 83.78, spacing criterion at 0= 1.15, test no. ISF 31036P129.



Ave	Lumens	Zone	Lumens	% Lamp
0	1797	0° - 30°	1324.3	50.7
5	1786	0° - 40°	2045.4	78.2
15	1670	0° - 60°	2582.5	98.8
25	1493	0° - 90°	2613.2	100.0
35	1178	90° - 120°	0.0	0.0
45	551	90° - 130°	0.0	0.0
55	107	90° - 150°	0.2	0.0
65	21	90° - 180°	0.8	0.0
75	5	0° - 180°	2614.0	*100.0
85	1			
90	0			

Initial FC					
Mounting	Center	50% beam -		10% beam -	
Height	Beam	Diameter	FC	Diameter	FC
8.0	59.4	6.3	29.7	11.2	5.9
10.0	32.0	8.6	16.0	15.2	3.2
12.0	19.9	10.9	10.0	19.3	2.0
14.0	13.6	13.1	6.8	23.4	1.4
16.0	9.9	15.4	4.9	27.4	1.0

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at Designlight Consortium.

Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

LUMEN OUTPUT MULTIPLIERS - FINISH

	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
Semi-specular (LSS)	0.950	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

LUMEN OUTPUT MULTIPLIERS - CRI

80	1.0
90	0.874

LUMEN OUTPUT MULTIPLIERS - CCT

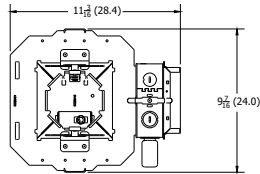
	2700K	3000K	3500K	4000K	5000K
80CRI	0.950	0.966	1.000	1.025	1.101



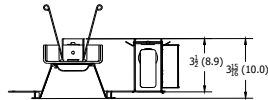
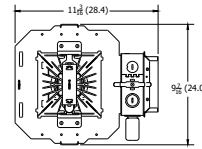
LDN4SQ

**LDN4SQ**

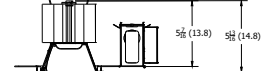
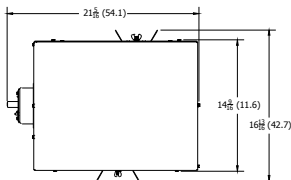
* All dimensions are inches (centimeters) unless otherwise noted.

LDN4 500 - 1500 LUMENS

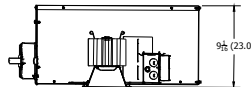
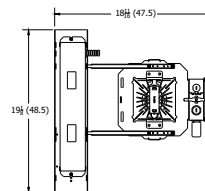
Aperture: 4-5/16" (11)
 Ceiling Opening: 5-1/8" (13)
 Overlap Trim: 5-7/16" (13.8)

**LDN4 2000 - 3000 LUMENS**

Aperture: 4-5/16" (11)
 Ceiling Opening: 5-1/8" (13)
 Overlap Trim: 5-7/16" (13.8)

**LDN4 CP**

Aperture: 4-5/16" (11)
 Ceiling Opening: 5-1/8" (13)
 Overlap Trim: 5-7/16" (13.8)

**LDN4 EL**

Aperture: 4-5/16" (11)
 Ceiling Opening: 5-1/8" (13)
 Overlap Trim: 5-7/16" (13.8)



LDN4SQ

ADDITIONAL DATA



The Sensor Switch JOT enabled solution offers a wireless, app-free approach to single room lighting control. JOT enabled products use Bluetooth® Low Energy (BLE) technology to enable wireless dimming and switching.

Diagram



LDN4SQ Series



Sensor Switch
WSXA JOT

- Power:** Install JOT enabled fixtures and controls as instructed.
- Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
- Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

COMPATIBLE 0-10V WALL-MOUNT DIMMERS		
MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DDTV	
	Diva® DVSCVT	
	Nova T® NTFTV	
	Nova® NFTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IlumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis OA2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Preset slide: PS-010-IV and PS-010-WH	
	Preset slide: PS-010-3W-IV and PS-010-3W-WH	
	Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALI.net Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	



LDN4SQ

LDN4SQ

EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

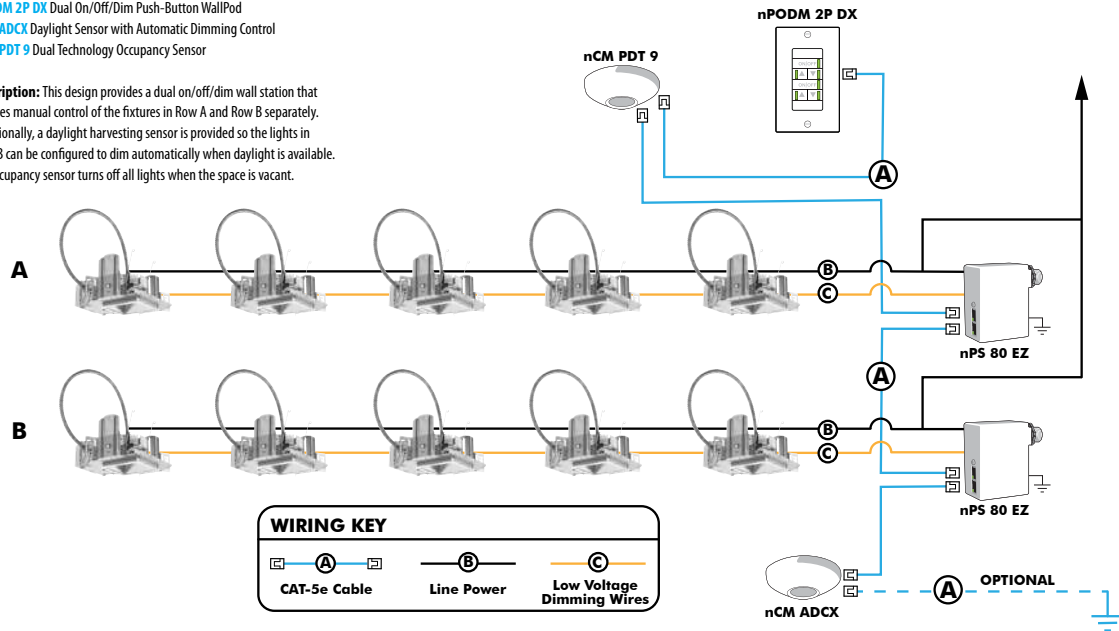
nPS 80 EZ Dimming/Control Pack (qty: 2 required)

nPODM 2P DX Dual On/Off/Dim Push-Button WallPod

nCM ADCX Daylight Sensor with Automatic Dimming Control

nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.



Choose Wall Controls

nLight offers multiple styles of wall controls - each with varying features and user experience.



Push-Button Wallpod
Traditional tactile buttons and LED user feedback



Graphic Wallpod
Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.			
WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CAT5 10FT J1
		15', CAT5 15FT	CAT5 15FT J1

LDN4SQ

nLight® AIR Control Accessories: <i>Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.</i>	
Wall switches	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH ¹

Notes

¹ Can only be ordered with the RES7Z zone control sensor version.

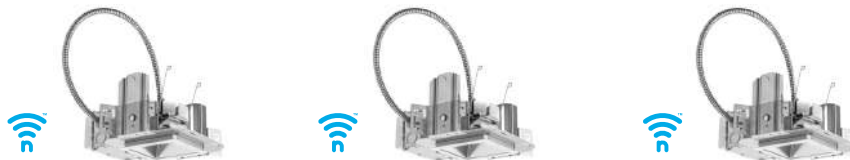
UL924 Sequence of Operation

The below information applies to all nLight AIR devices with an EM option.

- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome





Job Name:
720 E. Washington - Specified Package

Catalog Number:

EHL25-1EL-35-1-W-R-S-PAT(504"x164")-LT90-S-STD FINISH-IN-R-DIMMING?-UNV

Notes: field verify measurements

Type:**SC3**

ELL25-136433



Exterior HardLineLED 1.5 or 2.5 x 1-3/4"



Shallow lines of light with IP65 rating for exterior (or interior) applications.

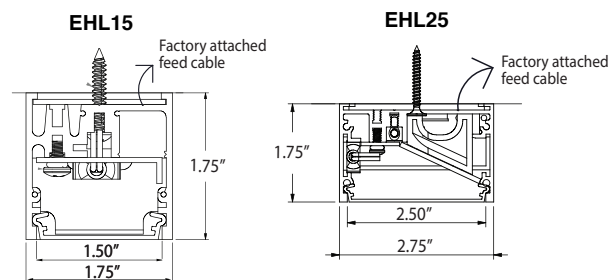
Mounts on or within hard surfaces.

Remote driver for easy maintenance & maximum life.

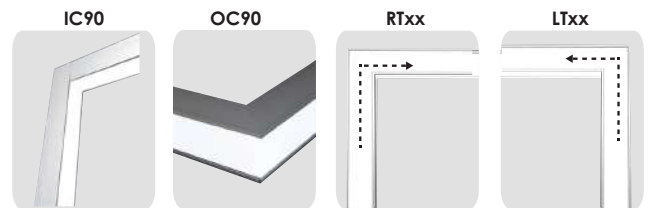
Order in any length for precise fit.

1.75" depth meets ADA when surface mounted.

Illuminated corners: Inside, Outside, Left or Right.

**Type:****Ordering**

- Series** EHL15 ☐ Exterior HardLine LED 1.5 inch width
EHL25 ☐ Exterior Hardline LED 2.5 inch width
- Lamping** 1EL ☐ 285Lu/ft LED 6.1w/ft (20w/m)
- Color** 35 ☐ 3500K, 85+ CRI
RGBW ☐ RGB+3000K
- Wire Harness** 1 ☐ Single
- Lens** W ☐ White flush (Continuous up to 16')
- Driver** R ☐ Remote
- Start End** S ☐ Straight End
Axx ☐ Mitered ends (xx = 1° to 45°)
MF ☐ Mud Flange for use with stucco or EIFS
- Length** xx ☐ xx is distance in inch or mm
Add OAL to include 1/8" thick end caps in length PAT ☐ Use to denote patterns as drawn 504"x164"
- Transition** LTxx ☐ Left Turn same plane (degrees 66° to 179°)
RTxx ☐ Right Turn same plane (degrees 66° to 179°)
OC90 ☐ Outside Corner (degrees 75° to 179°) 90
ICxx ☐ Inside Corner (degrees 75° to 179°)
- Finish End** S ☐ Choose from Start End choices listed above
- Lip Color** NA ☐ Natural anodized BK ☐ Black
BZ ☐ Bronze ☐ Other WH ☐ White
STD FINISH = Specify (Add E if entire fixture needs color)
- Units** in ☐ inches mm ☐ millimeters
- Options** CL2Pxx ☐ Longer length CL2P feed cable (std is 15ft) to reach remote power supply.
CP ☐ Chicago Plenum
EF ☐ Feed cable exits end (10' or shorter housings)
EME ☐ All feed cables labeled for connection to EM circuit
EM5 ☐ 5' section(s) in run labeled for connection to EM

**Environmental Data**

For 1EL lamping at 3500K:
W: 6.1W/ft (20W/m)
LLD: 50,000hrs @ 70%lm
16ft (4.9m) on one 100w driver

Ambient Temp: 0° ~ 122°F (-20 ~ 50°C)
No Mercury, No UV, No Flicker
Warranty: 3 years
cETLus Wet Listed IC Rated



Job Name:
720 E. Washington - Specified Package

Catalog Number:

EHL25-1EL-35-1-W-R-S-PAT(504"X164")-LT90-S-STD FINISH-IN-R-DIMMING?-UNV

Notes: field verify measurements

Type:**SC3**

ELL25-136433



Exterior HardLineLED 1.5 or 2.5 x 1-3/4"

Remote power supply separates the heat from the driver & LED to maximize the lifespan of both, and allows drivers to be located inside building, if needed, for easy maintenance.

R-FLV Driver

Forward phase low voltage remote mounted power supply with 24Vdc Constant Voltage output for simple class 2 installation. 20W, 40W, 60W or 96W; 120V 60Hz input. Minimum 50% watt load required; e.g. 10W on ELV20
Dims to 20% with forward phase 2-wire magnetic low voltage dimmer. Short circuit and overload protected.
Non-IC installations.
Listed for 90 C conductors with 1/2" trade size knock outs. NEMA 3R enclosure.

R-xxx-UNV Drivers

Remotely located power supply with 24Vdc Constant Voltage, or Constant Current, output for simple class 2 installation. Electronic Drivers 50/60 Hz, 120 thru 277 input. Choice of 0-10V dimming or switched on/off. Dimmable drivers with 3KL, 1ML, or 2ML may flicker below 10%. Use Constant Current version to dim to 1%.
Nxx requires 8W and D010 requires 20W minimum load
Type A Sound Rating.
Non IC installations standard; consult factory for IC installation. May be surface mounted or recessed in 2x4 walls or above accessible ceilings.
Housing is die formed 16ga CRS with White painted after fabrication finish.
Listed for 90°C conductors with 1/2" trade size Knock Outs.

Driver*

☒ R ☐ Remote

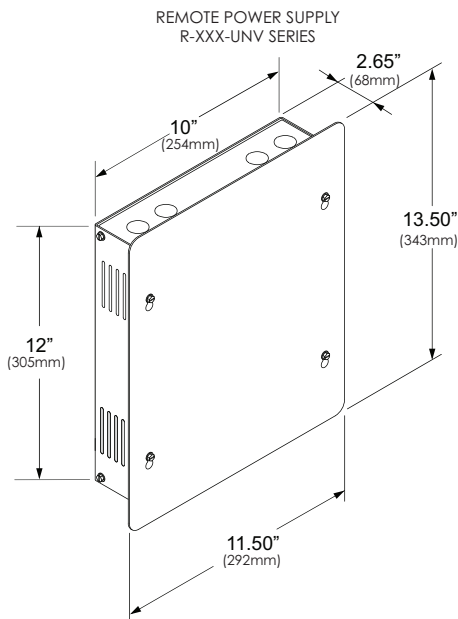
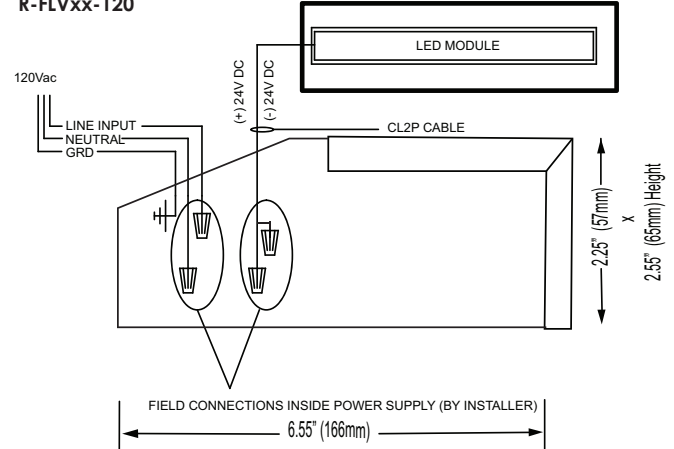
Drive Qty Per - ☐ Blank for FLV & DLUTP type
Power Supply X ☐ Factory determined with Nxx or D010 type

Type FLVxx ☐ Forward phase low voltage, 20, 40, 60 or 96W
Nxx ☐ Non-dim 100W max.
DIMMING? D010 ☐ Dimming via 0-10Vdc
DDMX ☐ Dimming via DMX
DALI ☐ Dimming via DALI

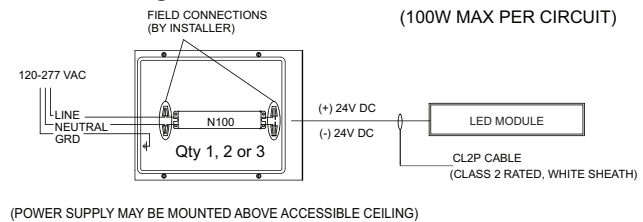
Voltage UNV ☐ Universal 120-277V for Nxx or D010 type
120 ☐ 120 only for FLV type
CP ☐ Chicago Plenum rated enclosure

*Constant factor for Lutron driver options.

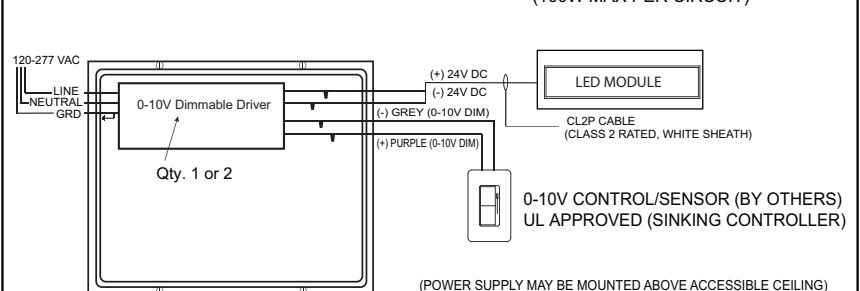
**Constant Current requires a factory programmed driver for each LED panel.

R-FLVxx-120**Non-Dimming - R-x-Nxx-UNV**

24VDC CLASS 2 WIRING
(100W MAX PER CIRCUIT)

**0-10V Dimming - R-x-D010-xx-UNV**

24VDC CLASS 2 WIRING
(100W MAX PER CIRCUIT)





Exterior HardLineLED 1.5 or 2.5 x 1-3/4"

Housing

Extruded aluminum housing mounts via screws to structure.

Surface material* (metal, tile, stone, etc.) can abut housing sides.

* If wood on 3 sides, drill 3/4" holes behind fixture every 6" to ensure adequate venting.

Anodized for superior thermal performance & weather protection.

Weep holes in housing allows any moisture to exit fixture.

Housings ship with 15ft CL2P cable attached to back, to reach remote power supply (consult factory for End exit). Longer lengths optional,

or 12A WG wire can be added on site; up to 20' with D010 or 50' with N100 & EL V drivers.

One-piece extrusions up to 123" (3.12m). Multiple extrusions couple together with brass barrel connector & bolt assembly plus alignment pins for secure fit and straight alignment.

Inside corner sections overlap for even illumination without direct view of LEDs.

ETL listed, IC rated, wet location.

Modifications

Runs can be provided to the nearest 1/16" or 1mm.

For unique custom work, such as sharp corners, consult factory for shop drawings.

Transitions

When lens changes directions (Minimum length 3.875" or 98mm per side).

"LT" Left Turn same plane (degrees 90° to 179°); pre-assembled at factory

"RT" Right Turn same plane (degrees 90° to 179°); pre-assembled at factory
 "IC" inside corner between two planes. Housings overlap and tab together for alignment.

"OC" outside corner around two planes; pre-assembled at factory. 90° standard, consult factory for other angles.

LED

Fully encapsulated LED board is IP65 rated for wet locations.

LED boards attached to aluminum heat sink at factory (no need to clean surface with alcohol on site to prevent air bubbles under

Low wattage white light LED produces even distribution with no shadows.

Binned within 3 MacAdam ellipses.

Optics

Panel plugs into housing via DC quick connects & is secured with screws for quick & easy replacement.

Snap-in high transmission acrylic lens with matte white finish, up to 16ft per section with flush W lens.

Option

"CP" Chicago Plenum rated housing with j-box for attachment of 1/2" EMT

"EME" (entire fixture) or EM5 (5' section of a run) with EM labeled feed cable(s). Requires relay by others to switch from normal to EM input at driver. Dado does not provide battery packs.

"EF" Feed cable exits end, instead of back, on 10' or shorter housings.



Job Name:
720 E. Washington - Specified Package

Catalog Number:

EHL25-1EL-35-1-W-R-S-PAT(564"x260")-LT90-S-STD FINISH-IN-R-DIMMING?-UNV

Notes: field verify measurements

Type:**SC4**

ELL25-136433



Exterior HardLineLED 1.5 or 2.5 x 1-3/4"



Shallow lines of light with IP65 rating for exterior (or interior) applications.

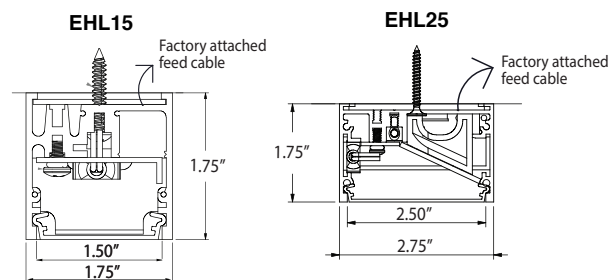
Mounts on or within hard surfaces.

Remote driver for easy maintenance & maximum life.

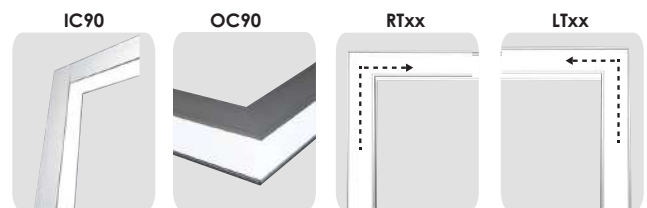
Order in any length for precise fit.

1.75" depth meets ADA when surface mounted.

Illuminated corners: Inside, Outside, Left or Right.

**Type:****Ordering**

- Series** ☒ EHL15 ☐ Exterior HardLine LED 1.5 inch width
☒ EHL25 ☐ Exterior Hardline LED 2.5 inch width
- Lamping** ☒ 1EL ☐ 285Lu/ft LED 6.1w/ft (20w/m)
- Color** ☒ 35 ☐ 3500K, 85+ CRI
☐ RGBW ☐ RGB+3000K
- Wire Harness** ☒ 1 ☐ Single
- Lens** ☒ W ☐ White flush (Continuous up to 16')
- Driver** ☒ R ☐ Remote
- Start End** ☒ S ☐ Straight End
☐ Axx ☐ Mitered ends (xx = 1° to 45°)
☐ MF ☐ Mud Flange for use with stucco or EIFS
- Length** ☐ xx ☐ xx is distance in inch or mm
 Add OAL to include 1/8" thick end caps in length ☒ PAT ☐ Use to denote patterns as drawn 564"x260"
- Transition** ☒ LTxx ☐ Left Turn same plane (degrees 66° to 179°)
 (Only if lens changes direction. Consult factory for angles beyond range shown.)
☐ RTxx ☐ Right Turn same plane (degrees 66° to 179°)
☐ OC90 ☐ Outside Corner (degrees 75° to 179°) 90
☐ ICxx ☐ Inside Corner (degrees 75° to 179°)
- Finish End** ☒ S ☐ Choose from Start End choices listed above
- Lip Color** ☐ NA ☐ Natural anodized ☐ BK ☐ Black
☒ STD FINISH = Specify ☐ BZ ☐ Bronze ☐ Other ☐ WH ☐ White
 (Add E if entire fixture needs color)
- Units** ☒ in ☐ inches ☐ mm ☐ millimeters
- Options** ☐ CL2Pxx ☐ Longer length CL2P feed cable (std is 15ft) to reach remote power supply.
☐ CP ☐ Chicago Plenum
☐ EF ☐ Feed cable exits end (10' or shorter housings)
☐ EME ☐ All feed cables labeled for connection to EM circuit
☐ EM5 ☐ 5' section(s) in run labeled for connection to EM

**Environmental Data**

For 1EL lamping at 3500K:
 W: 6.1W/ft (20W/m)
 LLD: 50,000hrs @ 70%lm
 16ft (4.9m) on one 100w driver

Ambient Temp: 0° ~ 122°F (-20 ~ 50°C)
 No Mercury, No UV, No Flicker
 Warranty: 3 years
 cETLus Wet Listed IC Rated



Job Name:
720 E. Washington - Specified Package

Catalog Number:

EHL25-1EL-35-1-W-R-S-PAT(564"X260")-LT90-S-STD FINISH-IN-R-DIMMING?-UNV

Notes: field verify measurements

Type:

SC4

ELL25-136433



Exterior HardLineLED 1.5 or 2.5 x 1-3/4"

Remote power supply separates the heat from the driver & LED to maximize the lifespan of both, and allows drivers to be located inside building, if needed, for easy maintenance.

R-FLV Driver

Forward phase low voltage remote mounted power supply with 24Vdc Constant Voltage output for simple class 2 installation. 20W, 40W, 60W or 96W; 120V 60Hz input. Minimum 50% watt load required; e.g. 10W on ELV20
Dims to 20% with forward phase 2-wire magnetic low voltage dimmer. Short circuit and overload protected.
Non-IC installations.
Listed for 90 C conductors with 1/2" trade size knock outs. NEMA 3R enclosure.

R-xxx-UNV Drivers

Remotely located power supply with 24Vdc Constant Voltage, or Constant Current, output for simple class 2 installation. Electronic Drivers 50/60 Hz, 120 thru 277 input. Choice of 0-10V dimming or switched on/off. Dimmable drivers with 3KL, 1ML, or 2ML may flicker below 10%. Use Constant Current version to dim to 1%.
Nxx requires 8W and D010 requires 20W minimum load Type A Sound Rating.
Non IC installations standard; consult factory for IC installation. May be surface mounted or recessed in 2x4 walls or above accessible ceilings.
Housing is die formed 16ga CRS with White painted after fabrication finish.
Listed for 90°C conductors with 1/2" trade size Knock Outs.

Driver*

☒ R ☐ Remote

Drive Qty Per - ☐ Blank for FLV & DLUTP type
Power Supply X ☐ Factory determined with Nxx or D010 type

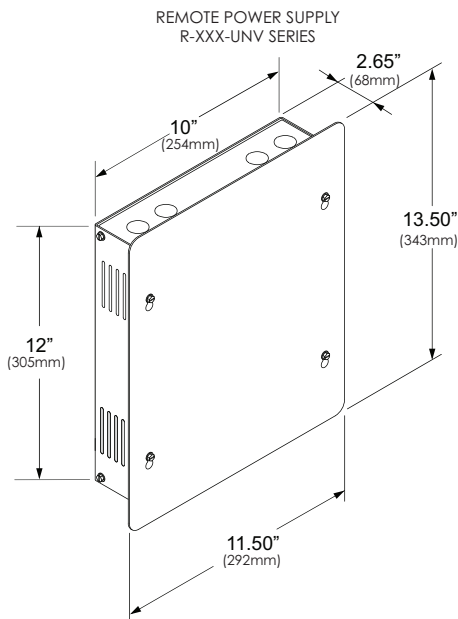
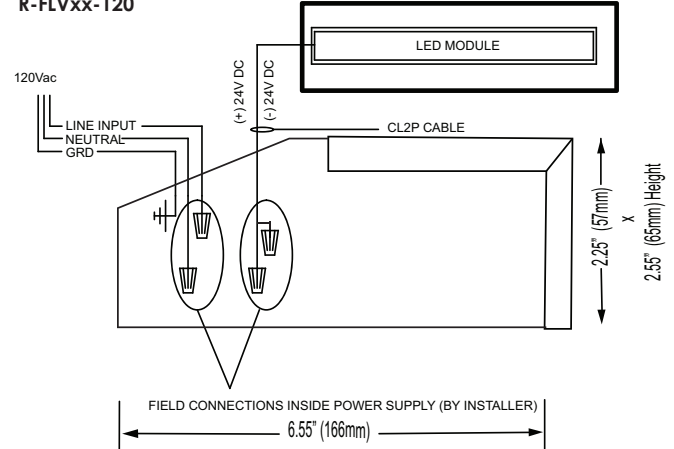
Type FLVxx ☐ Forward phase low voltage, 20, 40, 60 or 96W
Nxx ☐ Non-dim 100W max.
DIMMING? D010 ☐ Dimming via 0-10Vdc
DDMX ☐ Dimming via DMX
DALI ☐ Dimming via DALI

Voltage UNV ☐ Universal 120-277V for Nxx or D010 type
120 ☐ 120 only for FLV type
CP ☐ Chicago Plenum rated enclosure

*Constant factor for Lutron driver options.

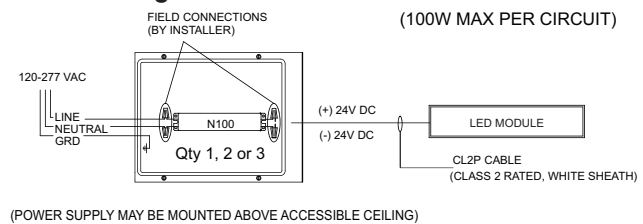
**Constant Current requires a factory programmed driver for each LED panel.

R-FLVxx-120



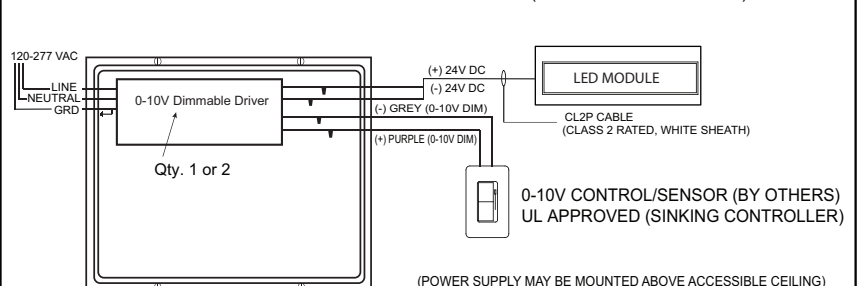
Non-Dimming - R-x-Nxx-UNV

24VDC CLASS 2 WIRING
(100W MAX PER CIRCUIT)



0-10V Dimming - R-x-D010-xx-UNV

24VDC CLASS 2 WIRING
(100W MAX PER CIRCUIT)





Job Name:
720 E. Washington - Specified Package

Catalog Number:
CONTROLS SERVICES DMX

Notes:

Type:

ELL25-136433



SERVICES REQUEST FORM

nLight • Fresco • Sensorswitch • ETC

Rev11302023

To schedule service, complete this form and submit to startup@enterpriselighting.com

Project Name:**Today's Date:****Service(s) Requested:****System Platform:****Secondary Platform:****Project Address:****City:****State:****Zip Code:****End User Trainee Name:****End User Phone #:****End User Email:**

Note: General lead time is 10-12 business days upon receipt of this form and required system installation document(s).

Preferred Service Date:**Alternative Date:**

*** Electrical Contractor must be On-Site during Service Visit.***

Expedited service may incur additional charges. Cancellation of a scheduled startup requires a 48-hour (2 business days) notice. Last minute cancellations may be subject to additional charge.

Return visits are billable if system is deemed not ready for startup, and/or end user(s) are not available for user training.

Special Requirements:**Hard Hat****Steel Toed Boots****Safety Vest****Background Check****Drug Screen**

Note: For background check & drug screening, please provide instructions and a copy of the contract documents showing requirements.

Working outside of normal business hours?**Yes****No**

If yes, what are the required hours? (Additional charges may apply)

Electrical Contractor Company Name:**Foreman/Installer:****Phone:****Email:****Project Manager:****Phone:****Email:****Other Remarks/Questions:**

Submitted by Enterprise Lighting, LTD.		Catalog Number: CONTROLS SERVICES DMX	Type:
	Job Name: 720 E. Washington - Specified Package	Notes:	ELL25-136433



SERVICES REQUEST FORM

nLight • Fresco • SensorSwitch • ETC

Rev11302023

CONTROL SYSTEM STARTUP INFORMATION

Below are questions on Operation, Integration, and Independent Commissioning related to control system startup. This information must be provided to ensure a successful startup and turnover of the lighting controls system.

SEQUENCE OF OPERATIONS

Is a detailed lighting control Sequence of Operations (SOO) available for this project? ☐ Yes ☐ No

Note: If a SOO is not available, a default SOO will be utilized. Additional visits to make adjustments after initial programming are billable.

1 SEQUENCE OF OPERATIONS CONTACT

Company:

Name:

Title:

Phone:

Email:

2 DETAILED SEQUENCE OF OPERATIONS

Provide information describing exactly how the lighting control system is intended to function per zone utilizing space below or via attached document.

BMS INTEGRATION (nLight Only)

Are lighting controls to integrate with BMS (Building Management System)? ☐ Yes ☐ No

If devices are to integrate with BMS, provide contact information for system integrator and details of integration.

1 SYSTEM INTEGRATOR CONTACT

Company:

Name:

Title:

Phone:

Email:

SYSTEM INTEGRATION INFORMATION

nLight Naming Convention: [nLight BMS Integration File](#)

nLight BACnet Object Guide: [BACnet Object Reference Guide](#)

Eclipse PIC Statement: [PIC Statement](#)

Submit this form or questions to startup@enterpriselighting.com

**Job Name:**

720 E. Washington - Specified Package

Catalog Number:

CONTROLS SERVICES DMX

Type:

Notes:

ELL25-136433

**SERVICES REQUEST FORM**

nLight • Fresco • Sensorswitch • ETC

Rev08012023

SERVICE NOTES**SCOPE**

Startup Service includes system programming to meet the submitted and approved Sequence of Operations (SOO), a system function test, and system operation and maintenance training. **NOTE:** If an approved SOO is not provided to Enterprise Lighting before Startup Service, the Field Service Engineer will use our recommended Default Sequence of Operations.

INSTALLATION & TESTING

The installing party is responsible for ensuring the system is fully installed, tested, and functional before Startup Service. Additional time required to complete the Startup Service due to troubleshooting installation error may be billed at current service rates.

SCHEDULING

Completed On-site Service Request Forms may be submitted to Enterprise Lighting or your distributor for submission and processing. Cancellations require 48hour notice. General lead time is 10-15 business days. Please call 1-262-953-2700 or email startup@enterpriselighting.com with any questions.

PC & SOFTWARE

If a permanent installation of SensorView is required, a host computer must be supplied and installed before Startup Service. The provided computer must meet minimum operating specifications as listed in the SensorView Installation Guide. Please refer to the SensorView Installation Guide for these requirements and details for installing required Windows components.

TCP/IP NETWORKING

If backbone devices are to be connected to a customer provided LAN/WAN, IP addresses must be provided. The installing party is responsible for coordinating with any necessary parties (IT Professionals, Facility Managers, End-Users, etc.) to provide required network and computer access.

END-USER TRAINING

Startup Service includes essential system operation and maintenance training. It is highly recommended the end-user of the system is available at the end of the scheduled startup visit to receive training. Separate visits to provide in-depth training are available as a separate service at an additional fee.

SEQUENCE OF OPERATIONS

The Sequence of Operations (SOO) is the specification of how the control system is to operate. A SOO is necessary for the Field Service Engineer to understand the control needs of the users and program the system accordingly. If no SOO is provided, the Field Service Engineer will program the system based on the recommended Default Sequence of Operations.

NOTE

Failure to complete any of these steps may result in the postponement of the Startup Service or additional billable time.

Submitted By: _____

Date: _____

Company: _____

Submit this form or questions to startup@enterpriselighting.com