

# 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 11/13/23  
11:45 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): \_\_\_\_\_

Title: \_\_\_\_\_

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

UDC meeting date requested \_\_\_\_\_

New development

Alteration to an existing or previously-approved development

Informational

Initial Approval

Final Approval

## 3. Project Type

Project in an Urban Design District **8**

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** \_\_\_\_\_

Company \_\_\_\_\_

Street address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_

**Project contact person** \_\_\_\_\_

Company \_\_\_\_\_

Street address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_

**Property owner (if not applicant)** \_\_\_\_\_

Street address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_

## 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.

## 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 existing signage and 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

### 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](mailto: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

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with \_\_\_\_\_ on \_\_\_\_\_.
2. 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 \_\_\_\_\_ Relationship to property \_\_\_\_\_

Authorizing signature of property owner Jessie T. Brankus Date \_\_\_\_\_

### 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



November 13, 2023

Jessica Vaughn  
Department of Planning & Community & Economic Development  
215 Martin Luther King Jr Blvd  
Madison, WI 53703

Re: Letter of Intent  
823 E. Washington Ave  
UDC Submittal for Additional Exterior Lighting

Dear Jessica:

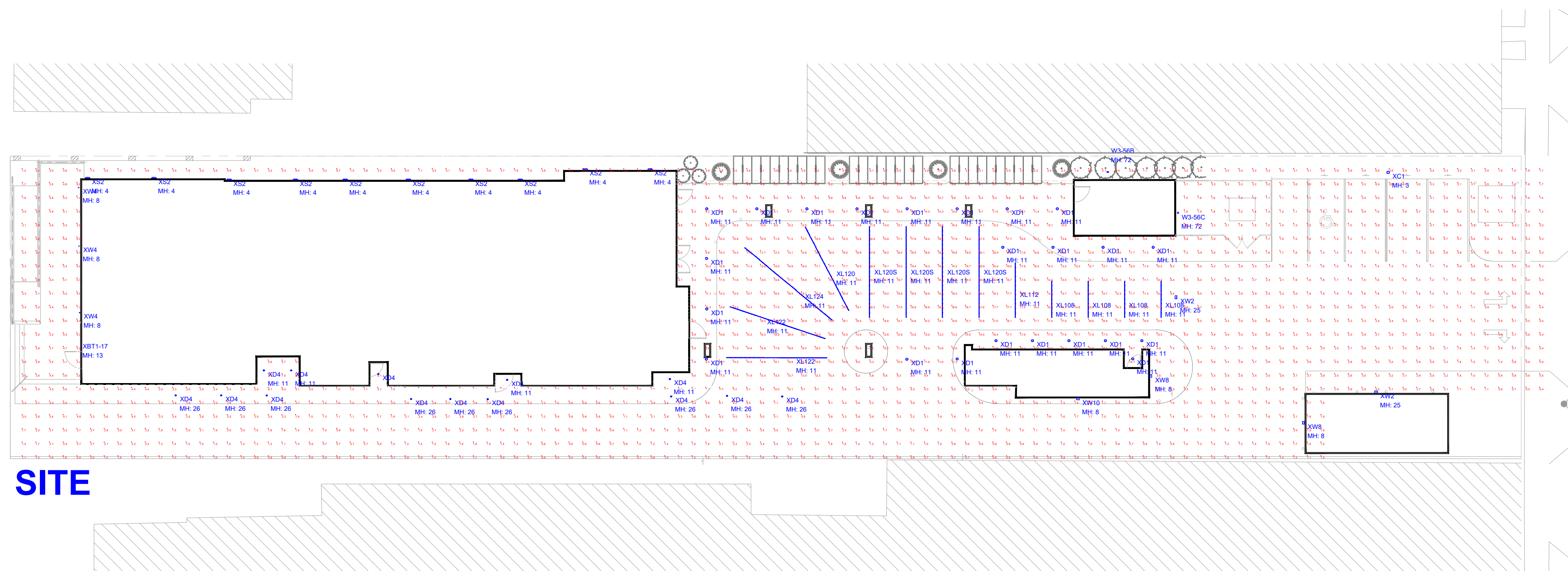
Enclosed, please find the updated Exterior Lighting Design Submittal for the UDC meeting to be held on December 13, 2023. The Hotel Project, located at 823 E Washington Avenue, is an 8-story, 77,502 sf hotel project with 151 guest rooms and an 8th floor restaurant. This Submittal is specifically for the Review of additional exterior accent and wayfinding lighting as well as additional upper façade lighting.

- a.* Additional LED wall washing accent lighting is being proposed that would start over the vestibule location on the northwest corner of East Washington façade (approximately 13' above grade) and follow the main alley drive. Due to the narrow nature of the site, we feel this additional lighting will allow the arriving guests an additional sense of arrival and wayfinding back to the "true" main entrance location. The lighting will be designed to be directed downward, will be shielded by a vertical leg shield, and wash the face of the façade. The lighting is intended to be continuously lit and will have ability to have different color accents as certain events occur.
- b.* Additionally, we are requesting (8) eight additional upper façade downlights to further accent the façade just below the 6<sup>th</sup> floor balcony level. This additional facade lighting will further enhance the buildings presence on East Washington.
- c.* The materials provided include the originally approved lighting from 4/8/2021 along with the additionally requested lighting and a rendering showing the two versions for consideration.

Please feel free to contact me if you have further questions or need any additional information.

Sincerely,

Jeffrey T Brenkus, President  
GBA Architecture | Design



SITE

Luminaire Schedule						
QTY	TYPE	MFR	PART NUMBER	LLF	Lum. Watts	Total Watts
1	FLAG	BY OTHERS	ORN-FPB-8-359-D-12V-SILVER (BY OTHERS, NOT CALCULATED)	0.001	0	0
1	W3-56B	SSL	LZWET-56-UNV-835-44L-1030-LD-LZWL-56 + CA3-12 (LARGE MURAL)	0.900	N.A.	675
1	W3-56C	SSL	LZWET-56-UNV-835-16L-1030-LD-LZWL-56 + CA3-12 (SMALL MURAL)	0.610	N.A.	675
1	XC1	LITHONIA	RADB LED P2 30K ASY MVOLT BTS BCC H36 DDBXD	0.950	8	8
23	XD1	INDY	L6 15LM 30K MVOLT G4 80CRI ZT P CD WET	0.950	13.66	314.18
14	XD4	ACULUX	INIT3 D 04LM 30K 80CRI 50D UGZ MVOLT NT3DP CS	0.900	4.6	64.4
4	XL108	LLI	LLI-IC1-SF-H4_4W-30K-24V-96IN	0.860	N.A.	112
1	XL112	LLI	LLI-IC1-SF-H4_4W-30K-24V-144IN	0.860	N.A.	42
1	XL120	LLI	LLI-IC1-SF-H4_4W-30K-24V-240IN	0.860	N.A.	70
4	XL120S	LLI	LLI-IC1-SF-H4_4W-30K-24V-240IN	0.860	N.A.	280
2	XL122	LLI	LLI-IC1-SF-H4_4W-30K-24V-264IN	0.860	N.A.	154
1	XL124	LLI	LLI-IC1-SF-H4_4W-30K-24V-288IN	0.860	N.A.	84
10	XS2	KUZCO	EW71412-BK - Casa	0.950	21	210
3	XTL1	TBD	TAPE LIGHT POINTING DOWN @ RAILING	0.950	N.A.	N.A.
4	XW1	KUZCO	EW3107-BK	0.950	14.9	59.6
1	XW10	LITHONIA	WDGE2 LED P0 30K 70CRI T3M	0.950	6.8946	6.8946
2	XW2	LITHONIA	WDGE2 LED P4 30K 80CRI VF MVOLT SRM DBLXD	0.950	35	70
27	XW4	KUZCO	EW33104-BK	0.950	8.4	252
6	XW6-NEW	FC LIGHTING	FCC600-10-WM-UNV-930-20L-BKE-15-LD	0.600	40.762	244.572
5	XW7A	FC LIGHTING	FCC600-10-WM-UNV-930-15L-BKE-15-LD	0.475	40.762	203.81
2	XW8	LITHONIA	WDGE2 LED P0 30K 70CRI TFTM	0.950	7	14

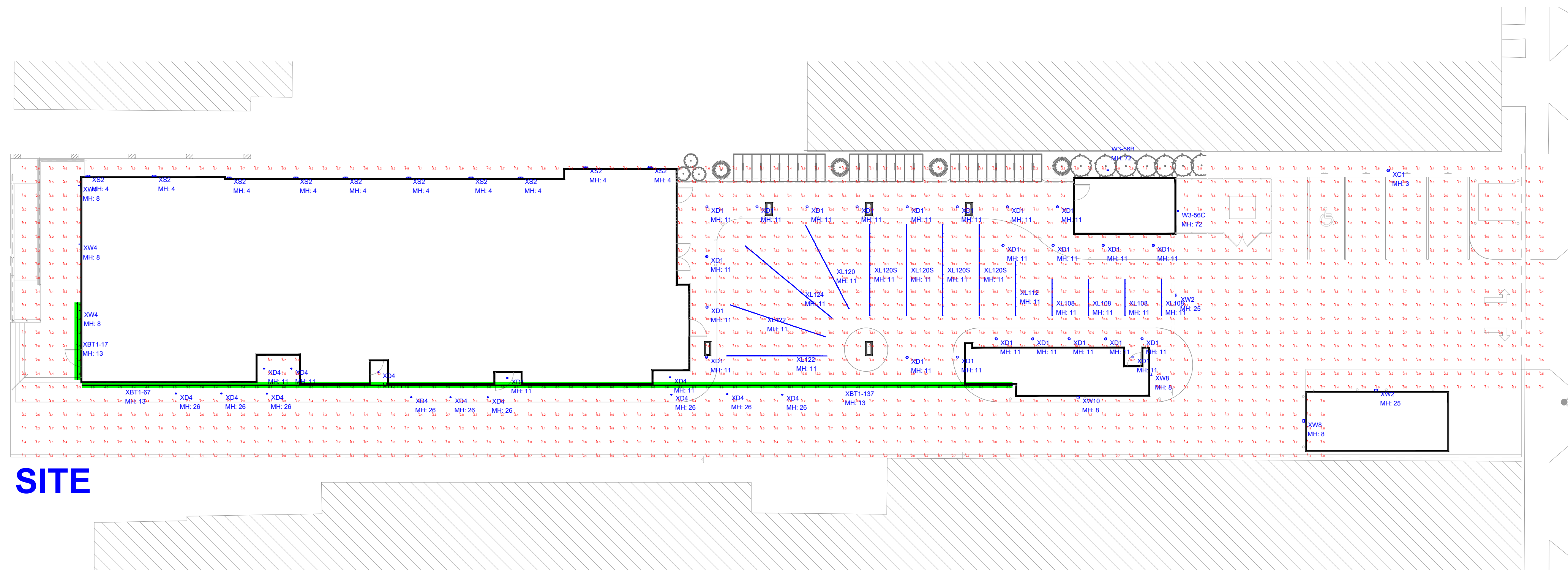
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Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DRIVEWAY	Illuminance	Fc	1.40	3.7	0.4	3.50	9.25
PARKING	Illuminance	Fc	1.34	5.0	0.5	2.68	10.00
PORTE COCHERE	Illuminance	Fc	15.58	21.1	8.0	1.95	2.64
SIDEWALK, SOUTH	Illuminance	Fc	2.66	6.1	0.8	3.33	7.63

#	DATE	COMMENTS
REVISIONS		

DRAWN BY :	DATE : 12/14/2023	SCALE : NONE
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MOXY HOTEL - SITE	MIDDLETON, WISCONSIN	ORIGINAL EXTERIOR LIGHTING (LIGHTS IN BLUE)
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**SITE**

QTY	TYPE	MFR	PART NUMBER	LLF	Lum. Watts	Total Watts
1	FLAG	BY OTHERS	ORN-FPB-8-359-D-12V-SILVER (BY OTHERS, NOT CALCULATED)	0.001	0	0
1	W3-56B	SSL	LZWET-56-UNV-835-44L-1030-LD-LZWL-56 + CA3-12 (LARGE MURAL)	0.900	N.A.	675
1	W3-56C	SSL	LZWET-56-UNV-835-16L-1030-LD-LZWL-56 + CA3-12 (SMALL MURAL)	0.610	N.A.	675
1	XBT1-137	BARRON	FBT-RGB-65-24V-137FT (PINK)	0.270	N.A.	501.4204
1	XBT1-17	BARRON	FBT-RGB-65-24V-17FT (PINK)	0.270	N.A.	62.22
1	XBT1-67	BARRON	FBT-RGB-65-24V-67FT (PINK)	0.270	N.A.	245.2202
1	XC1	LITHONIA	RADB LED P2 30K ASY MVOLT BTS BCC H36 DDBXD	0.950	8	8
23	XD1	INDY	L6 15LM 30K MVOLT G4 80CRI ZT P CD WET	0.950	13.66	314.18
14	XD4	ACULUX	INIT3 D 04LM 30K 80CRI 50D UGZ MVOLT NT3DP CS	0.900	4.6	64.4
4	XL108	LLI	LLI-HC1-SF-H4_4W-30K-24V-96IN	0.860	N.A.	112
1	XL112	LLI	LLI-HC1-SF-H4_4W-30K-24V-144IN	0.860	N.A.	42
1	XL120	LLI	LLI-HC1-SF-H4_4W-30K-24V-240IN	0.860	N.A.	70
4	XL120S	LLI	LLI-HC1-SF-H4_4W-30K-24V-240IN	0.860	N.A.	280
2	XL122	LLI	LLI-HC1-SF-H4_4W-30K-24V-264IN	0.860	N.A.	154
1	XL124	LLI	LLI-HC1-SF-H4_4W-30K-24V-288IN	0.860	N.A.	84
10	XS2	KUZCO	EW71412-BK - Casa	0.950	21	210
3	XTL1	TBD	TAPE LIGHT POINTING DOWN @ RAILING	0.950	N.A.	N.A.
4	XW1	KUZCO	EW3107-BK	0.950	14.9	59.6
1	XW10	LITHONIA	WDGE2 LED P0 30K 70CRI T3M	0.950	6.8946	6.8946
2	XW2	LITHONIA	WDGE2 LED P4 30K 80CRI VF MVOLT SRM DBLXD	0.950	35	70
27	XW4	KUZCO	EW33104-BK	0.950	8.4	252
6	XW6-NEW	FC LIGHTING	FCC600-10-WM-UNV-930-20L-BKE-15-LD	0.600	40.762	244.572
5	XW7A	FC LIGHTING	FCC600-10-WM-UNV-930-15L-BKE-15-LD	0.475	40.762	203.81
2	XW8	LITHONIA	WDGE2 LED P0 30K 70CRI TFTM	0.950	7	14

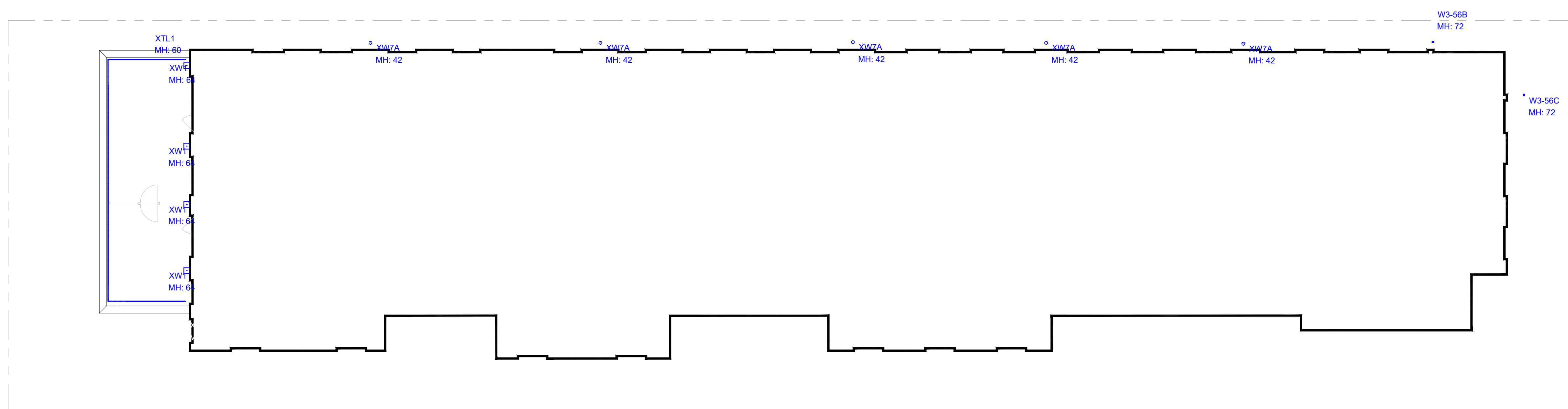
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PARKING	Illuminance	Fc	1.34	5.0	0.5	2.68	10.00
PORTE COCHERE	Illuminance	Fc	15.58	21.1	8.0	1.95	2.64
SIDEWALK, SOUTH	Illuminance	Fc	2.66	6.1	0.8	3.33	7.63



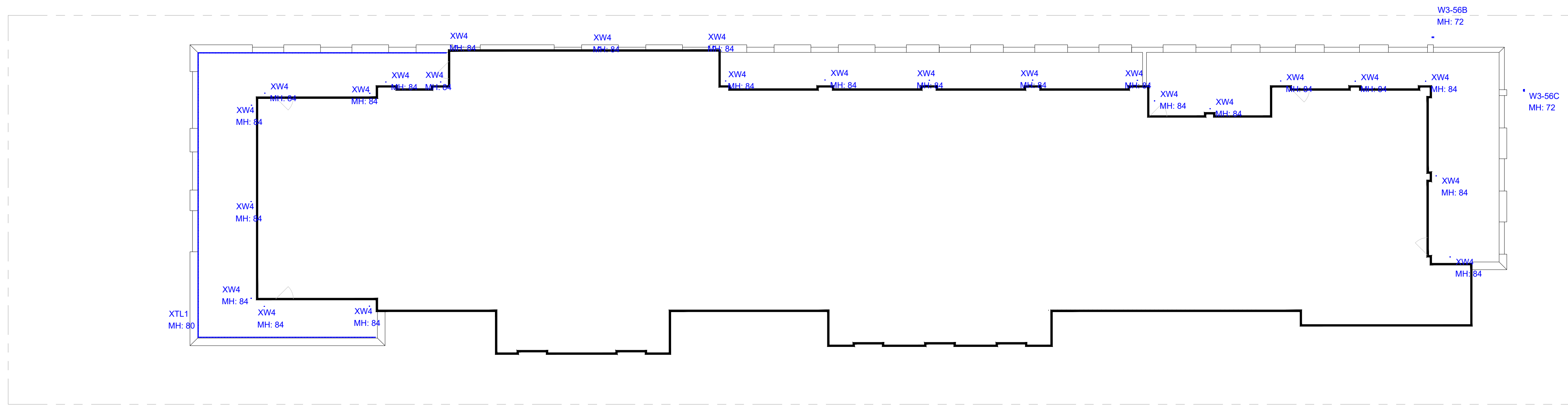
#	DATE	COMMENTS

DRAWN BY :	DATE : 12/14/2023	SCALE : NONE
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MOXY HOTEL - SITE	MIDDLETON, WISCONSIN	PROPOSED EXTERIOR LIGHTING (ADD'L LIGHTS IN GREEN)
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**6TH FLOOR**



**8TH FLOOR**



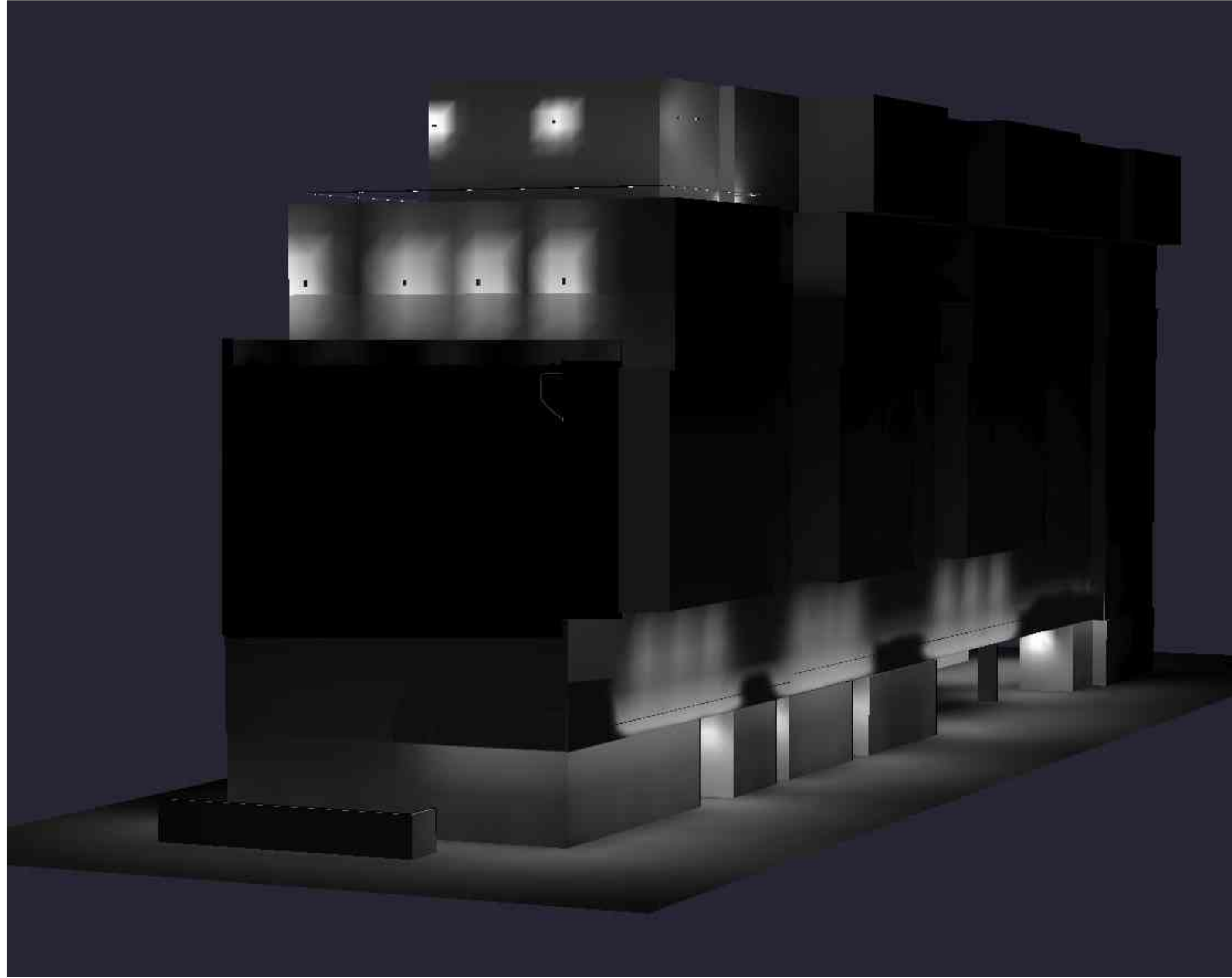
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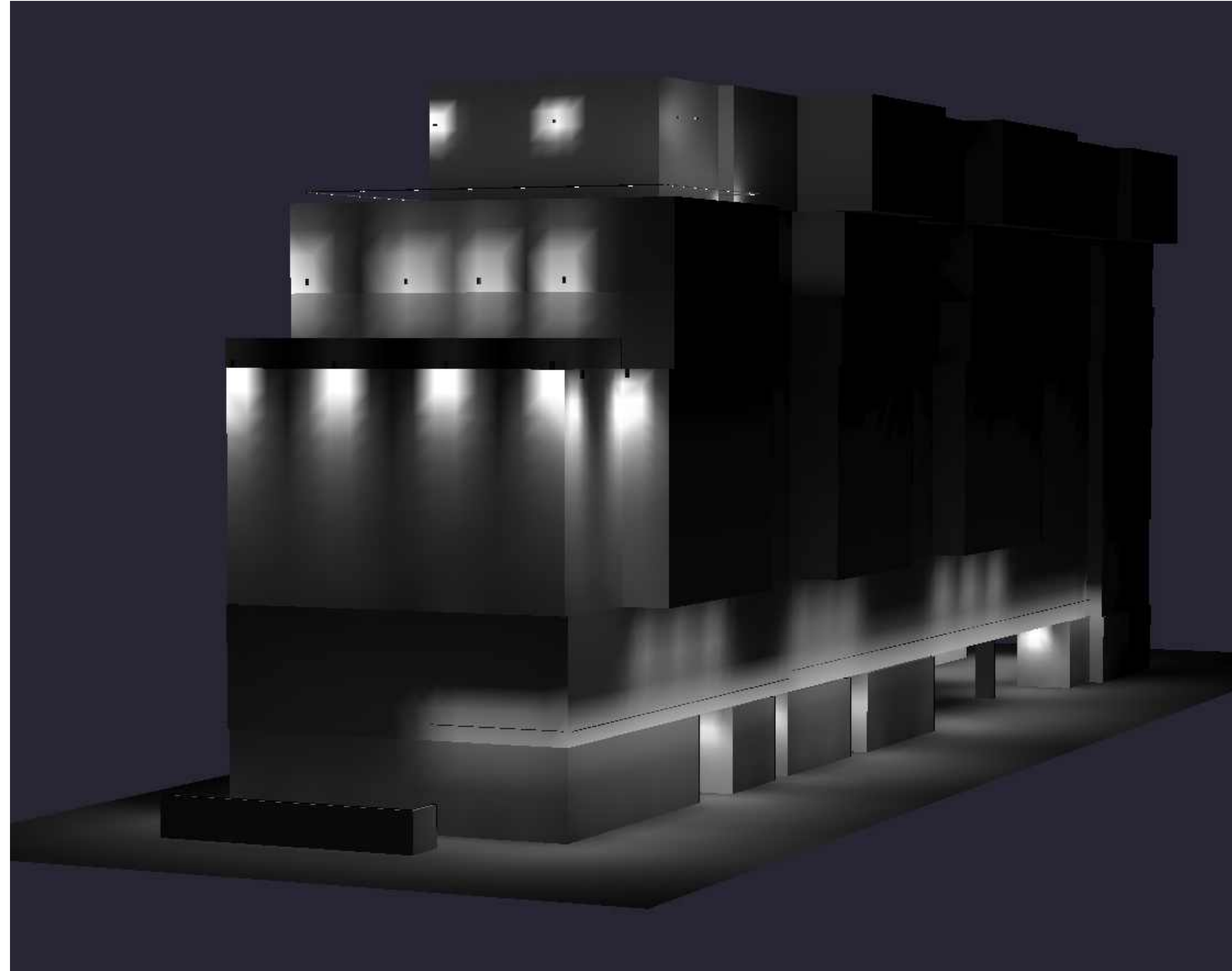
MOXY HOTEL - 6TH & 8TH FLOORS  
 MIDDLETON, WISCONSIN  
 ORIGINAL EXTERIOR LIGHTING  
 (LIGHTS IN BLUE)








**ORIGINAL**



**PROPOSED**

			
		#	DATE
DRAWN BY : DATE : SCALE :		COMMENTS	
		#	DATE
MOXY HOTEL MIDDLETON, WISCONSIN ORIGINAL APPROVED EXT. LIGHT'G AND PROPOSED ADD'L EXT. LIGHT'G		REVISIONS	
		#	DATE



Enterprise Lighting Ltd  
*Manufacturers' Representative*

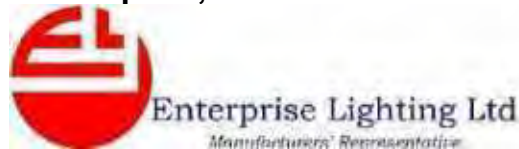
**Date: Apr 14, 2023**

Enterprise Lighting, LTD.  
2007 Pewaukee Rd.  
Waukesha WI 53188  
Phone: (262) 953-2700  
Fax: (262) 953-2710

Job Name  
**Moxy Hotel**  
ELL23-120450  
Madison WI

Bid Date  
Mar 22, 2023

Submittal Date  
Apr 12, 2023



# Transmittal

Enterprise Lighting, LTD.  
2007 Pewaukee Rd.  
Waukesha WI 53188  
Phone: (262) 953-2700  
**From: Bonnie Bartlein**

Type	MFG	Part
<b>EXTERIOR</b>		
W3-56	SPI Lighting Group	SEW12145-8FT-L113W-AN08-120-277V-3500K-LBK12
XBT1-17	Barron Lighting Group	FBT-RGB-17.07FT-24V / RFX-DMX-CV-DECODER / FBT-RGB-LCH / FBT-RGB-EC-F / FBT-RGB-LCRBE-24V-F1M / XFMR-24-150
XBT1-67	Barron Lighting Group	FBT-RGB-35.13FT-24V
XBT1-67	Barron Lighting Group	FBT-RGB-31.84FT-24V
XBT1-67	Barron Lighting Group	RFX-DMX-CV-DECODER / FBT-RGB-EC-F / FBT-RGB-LCLBE-24V-F1M / FBT-RGB-LCRBE-24V-F1M / FBT-RGB-LCH / XFMR-24-150
XBT1-137	Barron Lighting Group	FBT-RGB-65.01FT-24V
XBT1-137	Barron Lighting Group	FBT-RGB-6.89FT-24V
XBT1-137	Barron Lighting Group	RFX-DMX-CV-DECODER / FBT-RGB-LCH / FBT-RGB-LCRBE-24V-F1M / FBT-RGB-LCLBE-24V-F1M / FBT-RGB-EC-F / XFMR-24-60 / XFMR-
XC1	Lithonia Exterior	RADB LED P2 30K ASY MVOLT BTS BCC H36 DDBXD
XD1	Acuity Downlighting	L6 15LM 30K 120 G4 80CRI ZT / L6 P CD WET
XD2-XD4	Aculux	INIT3 D 04LM 30K 80CRI 50D FPC 120 NT3DP CS SF

Additional LED cover /  
accent lighting

Type	MFG	Part
XS2	Kuzco Lighting only available in 3000K	EW71412-BK
XW1	Kuzco Lighting only available in 3000K	EW3207-BK
XW2	Lithonia Exterior	WDGE2 LED P4 30K 80CRI VF MVOLT SRM DBLXD
XW4	Kuzco Lighting only available in 3000K	EW4405-BK
XW6	FC Lighting	FCC600R-10-WM-UNV-930-20L-BKE-25S-LD
XW7A	FC Lighting	FCC600-10-WM-UNV-930-15L-BKE-15-LD
XW8	Lithonia Exterior	WDGE2 LED P0 30K 80CRI TFTM MVOLT SRM DBLXD

These lights were  
originally approved  
but the quantity has  
changed



# Styk Exterior Wall - Bracket

**SPI**LIGHTING  
PROJECT DETAILS

SEW12145 2 in

JOB NAME:

TYPE:

NOTES:

## DESCRIPTION

Styk was built to provide the most lumens with the smallest luminaire package, while optimizing life. Not limited to decorative lighting, effective functional lighting is provided through the optimal light control in this minimal package. It's three optical offerings enable tremendous flexibility including wall washing, wall grazing, and asymmetric lighting solutions. It is excellent at lighting signs and facades. The family features wall, ceiling, and pendant models in a variety of stylish, clean mounting options. Available in 1' to 8' lengths, Styk can be mounted individually or configured in runs.

## FEATURES & BENEFITS

- Sleek 1.5" diameter housing
- A forward throw optic, for even wall wash illumination, is standard
- Symmetrical optic options are available for more volumetric illumination
- Lamp body can be rotated up to 330° and locks into position for precise fixture alignment
- Up to 1,450 lumens per foot delivered (with Forward Throw distribution)
- Up to 18" projection with no vertical support needed
- Anodized finish provides durable corrosion protection
- All visible fasteners are flush mounted, providing a clean design
- Handcrafted in USA


 designed for  
**LED**
**WET****EMR**

## SPECIFICATIONS

- **LIGHT SOURCE:** IP66 white LED light engine
- **CRI:** 80+ (contact factory for 90+)
- **LUMEN MAINTENANCE:** L70 = >50,000 Hrs.
- **EFFICACY:** 102 lm/W delivered (with Forward Throw distribution)
- **CCT:** 3000K, 3500K, or 4000K
- **VOLTAGE:** 120-277V standard
- **DRIVER:** Includes one remote damp listed Class 2 power supply and wet location enclosure, except 8FT-L113W which has two. 36" lead length standard; black power cord standard unless





**Job Name:**  
Moxy Hotel

**Catalog Number:**

FBT-RGB-17.07FT-24V / RFX-DMX-CV-DECODER  
/ FBT-RGB-LCH / FBT-RGB-EC-F / FBT-RGB-  
LCRBE-24V-F1M / XFMR-24-150  
Notes:

**Type:**

**XBT1-17**

ELL23-120450



**FBT-RGB Series**  
Color Changing Flexible LED Border Tube

The FBT RGB Series combines state of the art technology with a flexible, durable housing to create an extremely bright, uniform illumination with a versatility that makes it perfect for any custom design application. The RGB flexible border tube is equipped with tri-chip LEDs composed of red, green and blue colors that can be controlled by a DMX controller to offer several different color shades and effects. Each order is custom made and assembled specifically to your lengths and accessory requirements.

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

**Applications**

- Borders
- Cove Lighting
- Bridges
- Gazebos
- Roof Lines
- Signage
- Accent Lighting
- Restaurants

**Performance**

Color	Lumens/Foot (lm/ft)	Watts/Foot (w/ft)	CCT or Wavelength
Red	>12.8	N/A	620-630nm
Green	>33.53	N/A	520-530nm
Blue	>5.49	N/A	465-475nm
White (R+B+G)	>51.82	3.66	N/A



Additional LED cover /  
accent lighting



**Specifications**

Dimensions	0.45" W x 1.14" H
LEDs per Foot	18
LED	Epistar or Nichia SMD 5050 Color LEDs
Cutting Increment (Factory Cuts)	3.94 Inches
Beam Angle	270°
Minimum Bend Radius	2.36 Inches
Mounting	2" Long mounting clips and linear mounting channels. Available in standard or tamper resistant locking versions
Facility Supply Voltage	120-277VAC Capability
LEDS	24VDC Constant Voltage
Power Consumption	3.66 Watts/Foot Maximum
Max Run Length	32' Single End Powered (Consult Factory), 65' Both Ends Powered (Consult Factory)
RGB light control	By DMX Controller sold separately
Line Cord	18AWG Red,Green,Blue,Yellow, Black inside .28 Inch Diameter Outer Sheath
Certification	Tested to UL & CSA, Complies with CA Title 24 Requirements, Exceeds ANSI C78.377A, CE-RoHS Compliant
IP Rating	Up to IP68 for factory molded assembled units
IK Rating	IK08 Protection
Ambient Operating Temperature	-13°F to 140°F (-25°C to 60°C)
Lumen Maintenance	70,000 Hours L70 @25°C, 50,000 Hours L70 @50°C
Warranty	5 Years for factory assembled units

Specifications are subject to change without notice.  
Installation must be performed in accordance with  
Barron Lighting Group installation instructions.

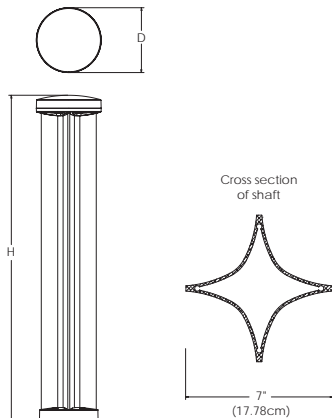
10810035 Rev 4





# RADEAN Bollard

## LED Site Luminaire



### Specifications

**Diameter:** D = 8.25" (20.96cm)  
**Height:** H = 41.5" Standard (105.41cm)  
**Weight (max):** 20lbs (9.07Kg)

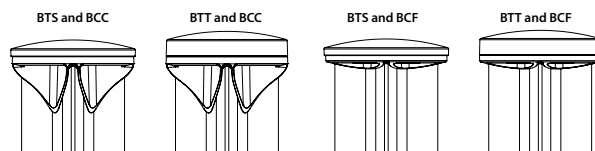
Catalog Number
Notes
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Hit the Tab key or mouse over the page to see all interactive elements.

### Introduction

The Radean LED Bollard is an award-winning, energy-saving, long-life solution designed to perform the way a bollard should.

The Radean LED Bollard's rugged construction, durable finish and long-lasting LEDs will provide years of maintenance-free service.



### Ordering Information

**EXAMPLE:** RADB LED P4 30K SYM MVOLT BTS BCCDNATXD DBLXD

Series	Performance Package	Color temperature	Distribution	Voltage	Control options	Bollard top (required)
RADB LED	P1	27K 2700 K	ASY Asymmetric <sup>2</sup>	MVOLT <sup>3</sup>	<b>Shipped installed</b> PE Photoelectric cell, button type <sup>5,6</sup> DMG 0-10V dimming driver (no controls) E7WH Emergency battery backup, Certified in CA Title 20 MAEDBS1 <sup>6,7,8</sup> FAO Field adjustable output <sup>5</sup> PIR Motion sensor Bi-level <sup>3,5,6,7</sup>	<b>Slim Top</b> BTS Slim top, painted to match shaft <sup>5,9</sup> BTSDWHXD Slim top, white <sup>5,9</sup> BTSDBLBXD Slim top, black texture <sup>5,9</sup> BTSDBLXD Slim top, black <sup>5,9</sup> BTSDDBTXD Slim top, dark bronze textured <sup>5,9</sup> BTSDDBXD Slim top, dark bronze <sup>5,9</sup> BTSDNATXD Slim top, natural aluminum textured <sup>5,9</sup> BTSDNAXD Slim top, natural aluminum <sup>5,9</sup> BTSDWHGXD Slim top, white textured <sup>9</sup>
	P2	30K 3000 K	SYM Symmetric <sup>1</sup>	120		<b>Tall Top</b> BTT Tall top painted to match shaft <sup>9</sup> BTDBLBXD Tall top, black textured <sup>9</sup> BTDBLXD Tall top, black <sup>9</sup> BTDDDBTXD Tall top, dark bronze textured <sup>9</sup> BTDDDBXD Tall top, dark bronze <sup>9</sup> BTDDNATXD Tall top, natural aluminum textured <sup>9</sup> BTDDNAXD Tall top, natural aluminum <sup>9</sup> BTDDWHGXD Tall top, white textured <sup>9</sup> BTDDWHXD Tall top, white <sup>9</sup>
	P3	35K 3500 K		208 <sup>3</sup>		
	P4	40K 4000 K		240 <sup>3</sup>		
	P5 <sup>1</sup>	50K 5000 K		277 347 480		

Bollard crown (required)	Other options	Finish (required)
<b>Deep Crown</b> BCC Deep crown, painted to match shaft <sup>9</sup> BCCDWHXD Deep crown, white <sup>9</sup> BCCDBLXD Deep crown, black <sup>9</sup> BCCDBLBXD Deep crown, black textured <sup>9</sup> BCCDBTXD Deep crown, dark bronze textured <sup>9</sup> BCCDBBXD Deep crown, dark bronze <sup>9</sup> BCCDNATXD Deep crown, natural aluminum textured <sup>9</sup> BCCDNAXD Deep crown, natural aluminum <sup>9</sup> BCCDWHGXD Deep crown, white textured <sup>9</sup>	H24 <sup>5,10</sup> 24" overall height H30 <sup>5,10</sup> 30" overall height H36 <sup>5,10</sup> 36" overall height L/AB Without anchor bolts	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white
<b>Flat Crown</b> BCF Flat crown, painted to match shaft <sup>9</sup> BCFDBLBXD Flat crown, black textured <sup>9</sup> BCFDBLXD Flat crown, black <sup>9</sup> BCFDDBTXD Flat crown, dark bronze textured <sup>9</sup> BCFDDBXD Flat crown, dark bronze <sup>9</sup> BCFDNATXD Flat crown, natural aluminum textured <sup>9</sup> BCFDNAXD Flat crown, natural aluminum <sup>9</sup> BCFDWHGXD Flat crown, white textured <sup>9</sup> BCFDWHXD Flat crown, white <sup>9</sup>		

### Accessories

Ordered and shipped separately.

RADBAB U	Anchor bolts (4)	RK1RADB BCKIT (FINISH) U	Base cover with bolt caps
RADBABC DDBXD U	Replacement anchor bolt covers (specify finish) (4)	RK1RADB EMTSTMAG U	Emergency test stylon

### NOTES

- 1 P5 only available in SYM distribution.
- 2 ASY has only two illuminated quadrants driven at higher drive currents to generate similar output as the SYM-4 quadrant product.
- 3 PIR not available with 208V or 240V.
- 4 PE only available with ASY.
- 5 PE, PIR and FAO not available with BTS.
- 6 E7WH and PIR only available in full height. Not available with H24, H30 or H36.
- 7 PIR not available with E7WH.
- 8 E7WH is not available with 347V or 480V.
- 9 Architectural and custom colors available (additional leadtimes and cost may apply).
- 10 42" Height is standard. H24, H30 and H36 have longer leadtimes.





**Job Name:**  
Moxy Hotel

**Catalog Number:**  
L6 15LM 30K 120 G4 80CRI ZT / L6  
P CD WET  
Notes:

**Type:**  
**XD1**  
ELL23-120450

**ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT**

- Lumen packages suitable for ceiling heights ranging from 8' to in excess of 100'
- Efficacies up to 124 lm/w
- Superior-quality white LED light output using Chip on Board technology
- Patented Hyperbolic Reflector (U.S. Patent No. 10,670,227 B2)
- **Low UGR:** UGR of zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1995 Discomfort Glare in Interior Lighting.

**PRODUCT SPECIFICATIONS**

**Atrius™ - Ready Product:** Select models of the L-series product line deliver valuable data and connectivity to the Atrius IoT location based platform services. For more information, please refer to [www.acuitybrands.com/Atrius](http://www.acuitybrands.com/Atrius).

**OPTICS**

**Hyperbolic:** Patented hyperbolic shape (U.S. Patent No. 10,670,227 B2) optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution

**Parabolic/Lens:** Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations

**Wall Wash:** Available in Hyperbolic and Parabolic. Both providing uniform distributions with no striations

**ELECTRICAL**

**LED Light Engine:** Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • 2SDCM (5000K within 3SDCM) • 80, 90 & 97 CRI

• Replaceable light engine with push in wire connections mounts directly to heat sink and easily replaceable

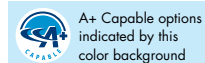
**Passive Cooling:** Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED

**LED Driver:** Power factor >0.9 • Easily replaceable from above or below the ceiling

**Dimming:** Dimmable via 0-10V protocol standard • Optional drivers available for use with eldoLED, Lutron EcoSystem, 2-wire dimmers, DMX, or DALI • For a list of compatible dimmers, see [LED-DIM](#).

**Life:** Rated for 60,000 hours at 70% lumen maintenance

**Emergency Battery Pack (Optional) output:** Provides a minimum of 600 (BR & BRT20C), or 1000 (HBR) lumens for a minimum duration of 90 minutes • BRT20C option is CEC Title 20 compliant



A+ Capable options indicated by this color background

**J7.1.1G4**



**800 TO 9000 LUMEN 6" LED  
NEW CONSTRUCTION/REMODEL/FLANGELESS  
HYPERBOLIC / PARABOLIC / WALLWASH  
L6 / LRM6 SERIES**

Type	Cat. No.
_____	_____
Project:	_____
Notes:	_____

**BUY AMERICAN ACT:** This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**Warranty:** 5 years when used in accordance with manufacturing guidelines. 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.

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



**NEW CONSTRUCTION**

**REMODEL**

**ORDERING INFORMATION** Complete Catalog# Example Includes (Rough-In, option, reflector, accessory) Ordering Example: L6 08LM 35K MVOLT G4 80CRI ZT HW CS PF HBTL

**ROUGH-IN**

Series	Light Engine	Color Temperature	Voltage	Generation	CRI	Driver	Rough-In Options		
L6	6" L-Series New Construction Downlight	08LM	27K 2700K	G4	80CRI	DALI	F3.8 Fuse and Fuse Holder		
		13LM	30K 3000K			277		DMXR	CP9 Chicago Plenum
		15LM	35K 3500K			347		EDAB <sup>21</sup>	BR <sup>3.11</sup> 600 Lumen Emergency Battery Pack w/Remote Test Switch
LRM6 <sup>12</sup>	6" L-Series Remodel Rough-in	17LM	40K 4000K	MVOLT <sup>1</sup> (120-277)	97CRI <sup>2</sup>	EDXB <sup>5</sup>	BRT20C <sup>3.11</sup> 600 Lumen Emergency Battery Pack w/ Remote Test Switch, CEC Title 20 Compliant		
		23LM	50K 5000K			EZ10 <sup>21</sup>	HBR <sup>3.11</sup> 1000 Lumen Emergency Battery Pack w/Remote Test Switch		
		28LM				EZ1 <sup>21</sup>	NL <sup>8.10</sup> nLight® Dimming Pack Controls		
		33LM				EZB <sup>21</sup>	NLER <sup>8.10</sup> nLight® dimming pack controls. nLER controls fixtures on emergency circuit		
		40LM				FD <sup>4.6</sup>	NLTAIR2 <sup>3.10,19</sup> nLight® AIR Dimming Pack Wireless Controls		
		45LM				ECOD <sup>7,16,22</sup>	NLTAIRER2 <sup>3.10,19</sup> nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit		
		50LM				ZT	AE2CD <sup>18,19</sup> Atrius™ - Ready, VLC Commissioning, Radio (BT Positioning)		
		55LM				GZ1*			
		60LM							
		65LM							
		70LM							
		75LM							
		80LM							
	85LM								
	90LM								

\*For Flangeless, "FM" option must be included on both Rough-In and Reflector Order Lines at the end of the nomenclature.



# ACULUX®

## initia™ INIT3 | 3" APERTURE

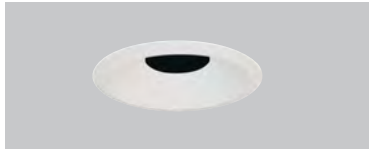
Downlight | Wall Wash | 400 – 1500 Lumens



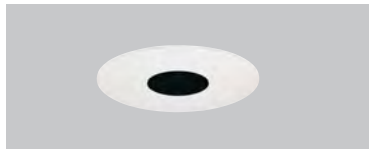
### TRIM STYLES



Deep Reflector



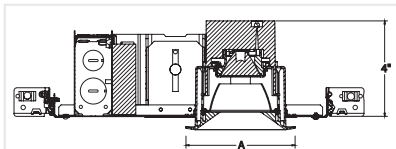
Bevels



Pinhole



Lensed Wall Wash



A Dimension:  
Self Flanged: 4.625"  
Flangeless: 3.875"

### FEATURES

#### AFFORDABLE & ELEGANT PRECISION RECESSED

- Complete family of recessed downlight, adjustable, and wall wash luminaires
- Available with reflector, bevel and pinhole trims
- Coordinated apertures with Aculux AX3 family

#### QUIET AND GLARE FREE APERTURES

- Deep source regression with 45-degree visual cutoff
- Total Internal Reflection (TIR) Optics in four (4) beam spreads

#### EXCELLENT PERFORMANCE

- Up to 1500 lumens delivered!
- Exceptionally consistent color with < 2SDCM
- Excellent color rendition with 80+ CRI | 90+ CRI Available
- WarmDim® option mimics halogen dimming (3000K - 1800K)



### PERFORMANCE

#### Static White\*

LUMEN PACKAGE	WATTS IN	DELIVERED LUMENS	EFFICACY (LPW)
04LM	5	492	98
08LM	8	854	107
12LM	12	1294	108
15LM	16	1605	100

#### WarmDim®

LUMEN PACKAGE	WATTS IN	DELIVERED LUMENS	EFFICACY (LPW)
08LM	12	828	68
10LM	16	1070	67

\*Performance with NT3DP at 3000K | 80CRI  
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.

### FLANGE STYLES



Flanged



Flangeless (Gypsum)



**Job Name:**  
Moxy Hotel

**Catalog Number:**  
EW71412-BK

Notes:

**Type:**

**XS2**

ELL23-120450

**CASA**  
**EW71412**  
WALL

PROJECT

#### DESCRIPTION

This family of exterior wall-mounted fixtures is available in a variety of geometric forms: circle, square, and two different rectilinear configurations. Light is directed downward from a recess, and the incline allows the glow to radiate gradually. Vanishingly thin and ideal for egress, courtesy, and grace lighting. Optional stone inlays offer additional opportunities for customizing to complement different wall surfaces.



EW71412-BK  
Black

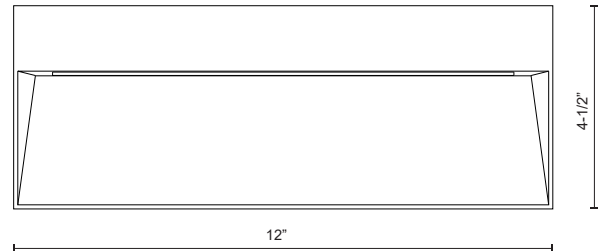
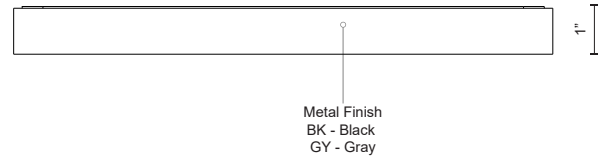


EW71412-GY  
Gray

#### SPECIFICATION DETAILS

\* For custom options, consult factory for details.

<b>Fixture Dimensions</b>	W12" x H4-1/2" x E1"
<b>Light Source</b>	AC LED Module
<b>Total Lumens</b>	1600lm
<b>Wattage</b>	21W
<b>Delivered Lumens</b>	BK-659lm; GY-825lm;
<b>Voltage</b>	120V
<b>Color Temperature</b>	3000K
<b>CRI (Ra)</b>	90CRI
<b>Optional Color Temps</b>	2700K - 5000K Available, Minimum Order Quantities Apply
<b>LED Rated Life</b>	50,000 hours
<b>Dimming</b>	100% - 10%, ELV Dimmer (Not Included)
<b>Glass Details</b>	Clear Glass
<b>ADA Compliant</b>	Yes
<b>Location</b>	Wet
<b>Warranty</b>	5 Years
<b>Compliance</b>	ADA



**KUZCO**

19054 28TH AVENUE  
SURREY - BC V3Z 6M3  
CANADA

WWW.KUZCOLIGHTING.COM

COMMENT



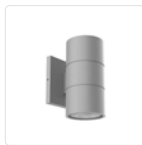



**LUND**  
**EW3207**  
 WALL

PROJECT


**DESCRIPTION**

High powered LED exterior two light wall mount fixture, die-cast aluminum housing molded into a cylinder shape with in powder coated black or gray finishes. Concealed inside is our 120V AC LED technology with a tempered glass diffusers radiating light upward and downward against the wall where installed. Certified ETL wet location listed and is available in different sizes and one light options.

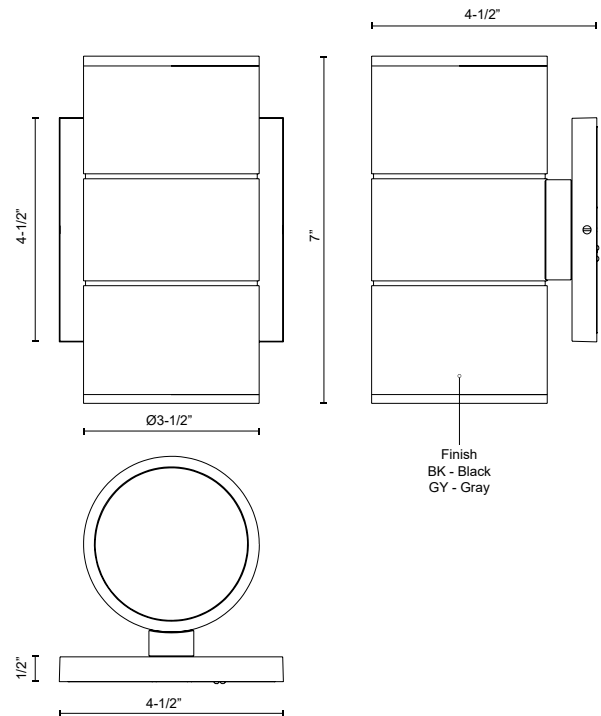

 EW3207-GY  
Gray

 EW3207-BK  
Black

**SPECIFICATION DETAILS**

\* For custom options, consult factory for details.

<b>Fixture Dimensions</b>	D3-1/2" x H7" x E4-1/2"
<b>Light Source</b>	AC LED Module
<b>Total Lumens</b>	1700lm
<b>Delivered Lumens</b>	BK-1371lm; GY-1389lm;
<b>Wattage</b>	21W
<b>Voltage</b>	120V
<b>Color Temperature</b>	3000K
<b>CRI (Ra)</b>	90CRI
<b>Optional Color Temps</b>	2700K - 5000K Available, Minimum Order Quantities Apply
<b>LED Rated Life</b>	50,000 hours
<b>Diffuser Details</b>	Parabolic Aluminum Reflector
<b>Glass Details</b>	Clear Glass
<b>Dimming</b>	100% - 10%, ELV Dimmer (Not Included)
<b>Location</b>	Wet
<b>Warranty</b>	5 Years
<b>Illumination Direction</b>	Up and Down
<b>Canopy Dimensions</b>	W4-1/2" x H4-1/2" x E1/2"


**KUZCO**

 19054 28TH AVENUE  
 SURREY - BC V3Z 6M3  
 CANADA

[WWW.KUZCOLIGHTING.COM](http://WWW.KUZCOLIGHTING.COM)

COMMENT





# WDGE2 LED

## Architectural Wall Sconce

### Visual Comfort Optic

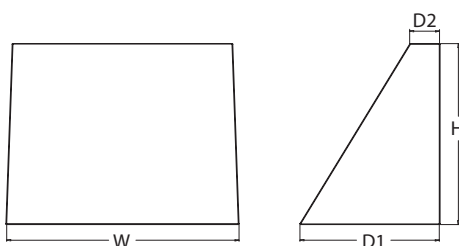


Catalog Number
Notes
Type

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### Specifications

- Depth (D1):** 7"
- Depth (D2):** 1.5"
- Height:** 9"
- Width:** 11.5"
- Weight:** 13.5 lbs (without options)



### Introduction

The WDGE2 LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE2 family provides additional energy savings and code compliance.

WDGE2 delivers up to 6,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

### WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

### Ordering Information

#### EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	
WDGE2 LED	P1 <sup>1</sup>	P1SW	27K 2700K	80CRI	VF	MVOLT	Shipped included
	P2 <sup>1</sup>	P2SW	30K 3000K	90CRI	VF	SRM	Surface mounting bracket
	P3 <sup>1</sup>	P3SW	35K 3500K		VV	ICW	Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) <sup>2</sup>
	P4 <sup>1</sup>	Door with small window (SW) is required to accommodate sensors. See page 2 for more details.					
	P5 <sup>1</sup>						
							Shipped separately
							AWS 3/8inch Architectural wall spacer
							PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available.

Options	Finish
E4WH Emergency battery backup, Certified in CA Title 20 MAEDBS (4W, 0°C min)	DDBXD Dark bronze
E10WH Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)	DBLXD Black
E20WC Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)	DNAXD Natural aluminum
PE <sup>4</sup> Photocell, Button Type	DWHXD White
DS <sup>5</sup> Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)	DSSXD Sandstone
DMG <sup>6</sup> 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	DBBTD Textured dark bronze
BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points.	DBLXD Textured black
BAA Buy America(n) Act Compliant	DNATXD Textured natural aluminum
	DWHGXD Textured white
	DSSTXD Textured sandstone
<b>Standalone Sensors/Controls</b> (only available with P1SW, P2SW & P3SW)	
PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	
PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching	
PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.	
PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.	
<b>Networked Sensors/Controls</b> (only available with P1SW, P2SW & P3SW)	
NLTAIR2 PIR nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights.	
NLTAIR2 PIRH nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights.	
See page 4 for out of box functionality	



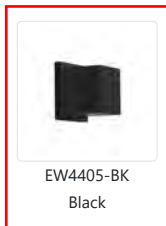

**MAVIS**  
**EW4405**

WALL

PROJECT

## DESCRIPTION

Providing uplight and downlight, this exterior wall sconce is simple and small. A black or white powder coated cube is attached to the square matching backplate with concealed fasteners. Light exits from its two 2 opposite ends whether it is mounted horizontally or vertically. A linear pin-strip patterning adds interest to the front of the cube.

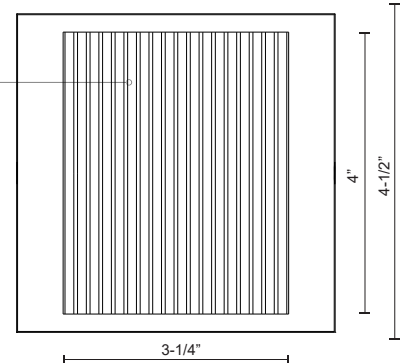

 EW4405-BK  
Black

 EW4405-WH  
White

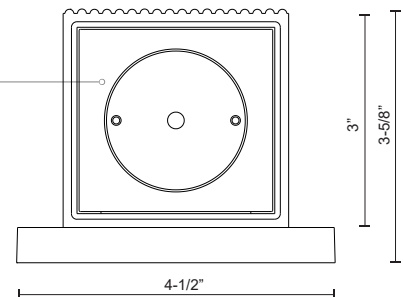
## SPECIFICATION DETAILS

\* For custom options, consult factory for details.

<b>Fixture Dimensions</b>	W3-1/4" x H4" x E3-5/8"
<b>Light Source</b>	AC LED Module
<b>Wattage</b>	17W
<b>Total Lumens</b>	1200lm
<b>Delivered Lumens</b>	BK-696lm; WH-852lm;
<b>Voltage</b>	120V
<b>Color Temperature</b>	3000K
<b>CRI (Ra)</b>	90CRI
<b>Optional Color Temps</b>	2700K - 5000K Available, Minimum Order Quantities Apply
<b>LED Rated Life</b>	50,000 hours
<b>Dimming</b>	100% - 10%, ELV Dimmer (Not Included)
<b>Glass Details</b>	Clear Glass
<b>ADA Compliant</b>	Yes
<b>Location</b>	Wet
<b>Compliance</b>	ADA
<b>Warranty</b>	5 Years
<b>Illumination Direction</b>	Up and Down
<b>Mounting Style</b>	All Orientation; Wall;
<b>Canopy Dimensions</b>	W4-1/2" x H4-1/2" x E5/8"

 Metal Finish  
BK - Black  
WH - White


Clear Glass Lenses


**KUZCO**

 19054 28TH AVENUE  
SURREY - BC V3Z 6M3  
CANADA

[WWW.KUZCOLIGHTING.COM](http://WWW.KUZCOLIGHTING.COM)

COMMENT





**Job Name:**  
Moxy Hotel

**Catalog Number:**  
FCC600R-10-WM-UNV-930-20L-BKE-25S-LD  
**Notes:**

**Type:**  
**XW6**  
ELL23-120450

Additional Quantity with the upper 54ft bldg lights



Date: \_\_\_\_\_ Approved: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Fixture: \_\_\_\_\_  
 Project: \_\_\_\_\_

## FCC600 Down Only with Remote Drivers and Battery Backups (-20°C to 55°C)

6" Round wall, pendant or surface mount down cylinder outdoor



### FEATURES

- Up to 5000 lm, Up to 100 LPW
- Numerous mounting capabilities
- Clear anti-glare tempered glass lens (IK09)
- Multiple color finishes
- 0-10V 1% Dimming (Standard)
- 1.5G Vibration Tested
- 93 CRI with 2 SDCM

### PERFORMANCE

**Beam Spread:** 15° | 25° | 40° | 50° | 72°  
**CCT Options:** 2700K | 3000K | 3500K | 4000K  
**CRI:** 93 CRI  
**Consistency:** 2 SDCM (Fixture to Fixture)  
**Lumens:** 5000 lm (Max)  
**Lifetime:** > 70,000 hours / L70 or better



### PHYSICAL

**Mounting:** Mounts directly to standard recessed junction box with wall mount or twist-lock canopy. Additional holes allow unit to be attached directly to mounting surface. Not intended for open ceilings or surface mount conduit j-box applications. Recessed j-box must be flush with finished wall or ceiling surface.

**Ingress Protection:** Continuous silicone gasket to seal out contaminants, IP65 rated for dry, damp or wet locations. SF option rated IP65 for cover ceiling application only.

**Finish:** Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

**Warranty:** 5-Year limited warranty (refer to website for details)

**Housing:** Heavy-walled, extruded aluminum housing with high pressure die-cast lens ring and cap with stainless steel hardware.

**Lens:** IK09 impact compliant, clear anti-glare tempered glass

**Vibration Resistance:** Compliant with 1.5G ANSI C136.31, Seismic rated AC-156

**Weight:** 8-12 lbs (Depending on Length)

**Operating Temperature:** -22°F to 122°F (-30°C to 50°C)

### ELECTRICAL

**Voltage:** Universal 120-277V AC standard, 347V optional

**Power Supply:** Integral Class II, electronic high-power factor >.90, THD < 20%, FCC Title 47 Part 15 Class A. EldoLED & Lutron optional

**Power Consumption:** Up to 5000 lm @ 60W

**Dimming:** Standard: 0-10V, 1% Dimming, Optional: ELV | TRIAC | dim to off | DMX | DALI

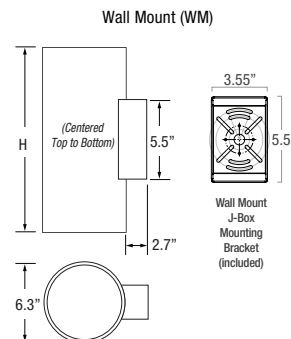
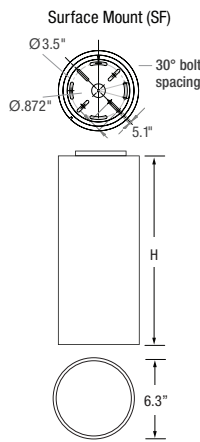
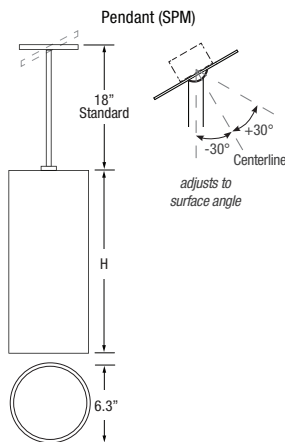
**Certification:** CEC Title 24 - JA8 Compliant (93 CRI Only)

**Standards:** cETLus Listed, CE, NOM, and RoHS Compliant. Wet location listed for wall or ceiling mount IP65 Ingress protection. 1.5G (ANSI C136.31) Vibration resistance rated.

IK09 (IEC6226) Impact resistance rated. IESNA LM79 Photometric testing by NVLAP accredited test lab. IESNA LM80 LED testing by NVLAP accredited test lab. IESNA TM21 Luminaire lumen depreciation projection to >70,000hrs.

### PHYSICAL DIMENSIONS

Fixture	Length (H)
FCC600R-10	10.95" Height
FCC600R-12	12.95" Height
FCC600R-14	14.95" Height
FCC600R-16	16.95" Height
FCC600R-18	18.95" Height
FCC600R-20	20.95" Height



Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting, Inc. reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting, Inc. terms and conditions. All stated specifications have a tolerance of +/- 7%.



**Job Name:**  
Moxy Hotel

**Catalog Number:**  
FCC600-10-WM-UNV-930-15L-BKE-15-LD

Notes:

**Type:**

**XW7A**

ELL23-120450



Date: \_\_\_\_\_ Approved: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Fixture: \_\_\_\_\_  
 Project: \_\_\_\_\_

## FCC600 Down Only, Standard Drivers without Battery Backup

6" Round wall, pendant or surface mount down cylinder outdoor



### FEATURES

- Up to 5000 lm, Up to 100 LPW
- Numerous mounting capabilities
- Clear anti-glare tempered glass lens (IK09)
- Multiple color finishes
- 0-10V 1% Dimming (Standard)
- 1.5G Vibration Tested
- 93 CRI with 2 SDCM

### PERFORMANCE

**Beam Spread:** 15° | 25° | 40° | 50° | 72°  
**CCT Options:** 2700K | 3000K | 3500K | 4000K  
**CRI:** 93 CRI  
**Consistency:** 2 SDCM (Fixture to Fixture)  
**Lumens:** 5000 lm (Max)  
**Lifetime:** > 70,000 hours / L70 or better



### PHYSICAL

**Mounting:** Mounts directly to standard recessed junction box with wall mount or twist-lock canopy. Additional holes allow unit to be attached directly to mounting surface. Not intended for open ceilings or surface mount conduit j-box applications. Recessed j-box must be flush with finished wall or ceiling surface.

**Ingress Protection:** Continuous silicone gasket to seal out contaminants, IP65 rated for dry, damp or wet locations. SF option rated IP65 for cover ceiling application only.

**Finish:** Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

**Warranty:** 5-Year limited warranty (refer to website for details)

**Housing:** Heavy-walled, extruded aluminum housing with high pressure die-cast lens ring and cap with stainless steel hardware.

**Lens:** IK09 impact compliant, clear anti-glare tempered glass

**Vibration Resistance:** Compliant with 1.5G ANSI C136.31, Seismic rated AC-156

**Weight:** 8-12 lbs (Depending on Length)

**Operating Temperature:** -22°F to 122°F (-30°C to 50°C)

### ELECTRICAL

**Voltage:** Universal 120-277V AC standard, 347V optional

**Power Supply:** Integral Class II, electronic high-power factor >.90, THD < 20%, FCC Title 47 Part 15 Class A. EldoLED & Lutron optional

**Power Consumption:** Up to 5000 lm @ 60W

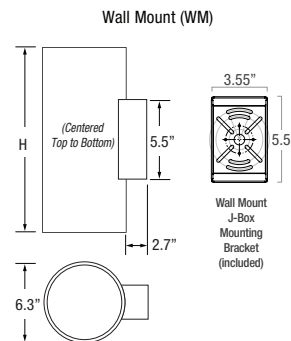
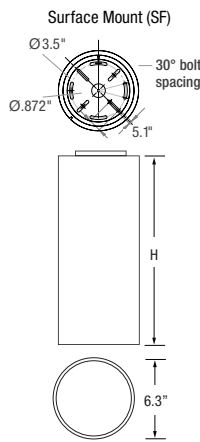
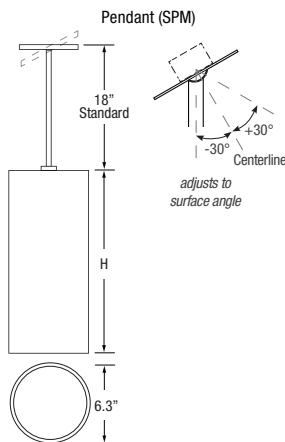
**Dimming:** Standard: 0-10V, 1% Dimming, Optional: ELV | TRIAC | dim to off | DMX | DALI

**Certification:** CEC Title 24 - JA8 Compliant (93 CRI Only)

**Standards:** cETLus Listed, CE, NOM, and RoHS Compliant. Wet location listed for wall or ceiling mount IP65 Ingress protection. 1.5G (ANSI C136.31) Vibration resistance rated. IK09 (IEC6226) Impact resistance rated. IESNA LM79 Photometric testing by NVLAP accredited test lab. IESNA LM80 LED testing by NVLAP accredited test lab. IESNA TM21 Luminaire lumen depreciation projection to >70,000hrs.

### PHYSICAL DIMENSIONS

Fixture	Length (H)
FCC600-10	10.95" Height
FCC600-12	12.95" Height
FCC600-14	14.95" Height
FCC600-16	16.95" Height
FCC600-18	18.95" Height
FCC600-20	20.95" Height



Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting, Inc. reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting, Inc. terms and conditions. All stated specifications have a tolerance of +/- 7%.





# WDGE2 LED

## Architectural Wall Sconce Precision Refractive Optic

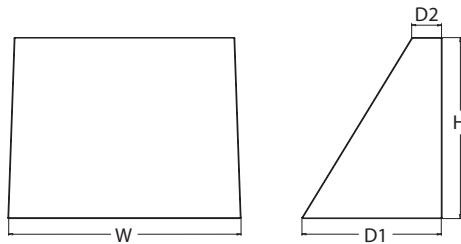


Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

### Specifications

- Depth (D1):** 7"
- Depth (D2):** 1.5"
- Height:** 9"
- Width:** 11.5"
- Weight:** 13.5 lbs  
(without options)



### Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

### WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

### Ordering Information

### EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DBLXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P0 <sup>1</sup>	27K 2700K	70CRI <sup>4</sup>	T1S Type I Short	MVOLT	<b>Shipped included</b> SRM Surface mounting bracket
	P1 <sup>2</sup>	30K 3000K	80CRI	T2M Type II Medium	347 <sup>5</sup>	
	P2 <sup>2</sup>	40K 4000K	LW <sup>3</sup> Limited Wavelength	T3M Type III Medium	480 <sup>5</sup>	ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) <sup>6</sup>
	P3 <sup>2</sup>	50K 5000K		T4M Type IV Medium		
	P4 <sup>2</sup>	AMB <sup>3</sup> Amber		TFTM Forward Throw Medium		
						<b>Shipped separately</b>
						AWS 3/8inch Architectural wall spacer
						PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available.

Options	Finish
E10WH Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)	DDBXD Dark bronze
E20WC Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)	DBLXD Black
PE <sup>7</sup> Photocell, Button Type	DNAXD Natural aluminum
DMG <sup>8</sup> 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	DWHXD White
BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points.	DSSXD Sandstone
BAA Buy America(n) Act Compliant	DBBTD Textured dark bronze
	DBLXD Textured black
	DNATXD Textured natural aluminum
	DWHGXD Textured white
	DSSTD Textured sandstone
<b>Standalone Sensors/Controls</b>	
PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	
PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching	
PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.	
PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.	
<b>Networked Sensors/Controls</b>	
NLTAIR2 PIR nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights.	
NLTAIR2 PIRH nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights.	

See page 4 for out of box functionality





**Job Name:**  
Moxy Hotel

**Catalog Number:**  
WAVE-WKC3-8.03-24V

Notes:

**Type:**

**XL08**

ELL23-120450



## WAVE Series LED Flexible Border Tube

### DESCRIPTION

Similar to our already popular FBTCJ, the WAVE offers additional flexibility to your creative designs due to its back to front bending orientation. Corners and angles can now be installed seamlessly with the Wave.

The Wave Series combines constant current technology with a flexible polyvinyl chloride housing to create a durable, extremely bright, uniform illumination with a versatility that makes it perfect for any custom design application.

The Wave has a low square profile that allows for a tighter more precise viewing pattern while providing an increase in the lumens due to its internal optic.

### Features

- Energy efficient LEDs consume 3.4W/ft or less, saving up to 70% or more over traditional neon
- Indoor and outdoor rated
- Flexible PVC housing can conform to almost any angle, virtually unbreakable
- Opaque jacket housing with "colored" LEDs every .04 inches
- Uniform lighting with no hotspots

### LED Characteristics

- Nichia surface mount LEDs (33 LEDs/ft)
- L70% Maintenance: 50,000 hours
- LEDs available in Warm White (2700K), Pure White (3500K), Cool White (4500K), Daylight White (5700K), Red, Blue and Green

### Electrical

- WAVE input voltage: 24VDC
- Constant current drivers available for 120-277VAC, 50/60Hz
- Operating Product Length: 65' when power is supplied to both ends
- Dimming: Compatible with most low voltage (24VDC) magnetic dimmers

### Product Specifications

- Flexible, shatterproof, cool to touch, UV inhibited, PVC housing
- 2 wire, single color, flexible border tubing
- Roll length: 65 feet (Maximum)
- Mounting: Mounting clips (WAVE-MC) or mounting channel available in standard (WAVE-LCH) or locking model (WAVE-LCH-L)
- Dimensions: 0.63" wide, 0.63" high
- Viewing angle: 160°

### Testing & Compliance

- UL2108/IP68/LM-79/LM-80/RoHS/CE/Exceeds ANSI C78.377A
- California Title 24 Compliant
- Operating temperature: -22°F - +140° F (-30°C - +60°C)

### Warranty

Any component that fails due to a manufacturing defect is guaranteed for five years. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full specialtyLED warranty document for detailed information. (Terms and conditions apply)

Model: \_\_\_\_\_ Date: \_\_\_\_\_

Accessories: \_\_\_\_\_

Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

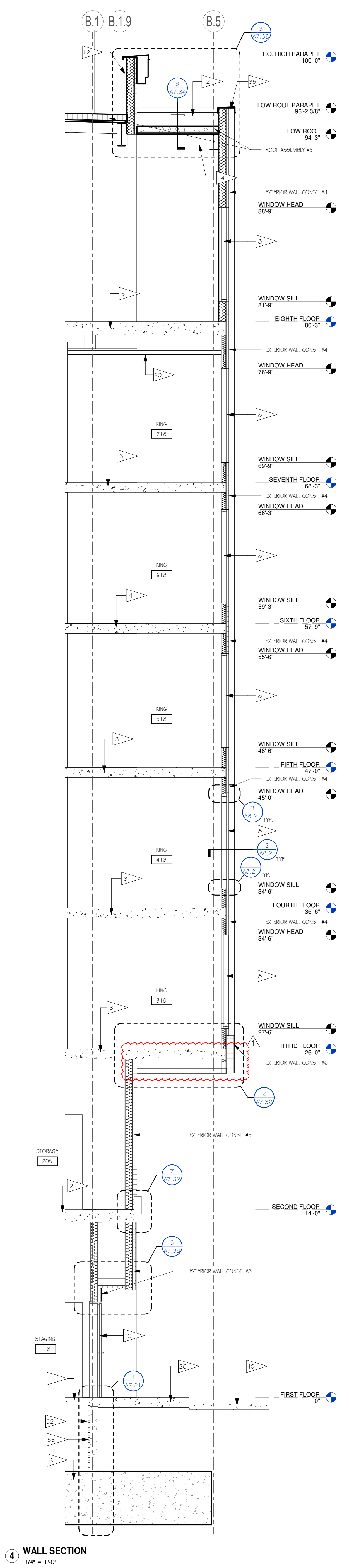


### APPLICATIONS

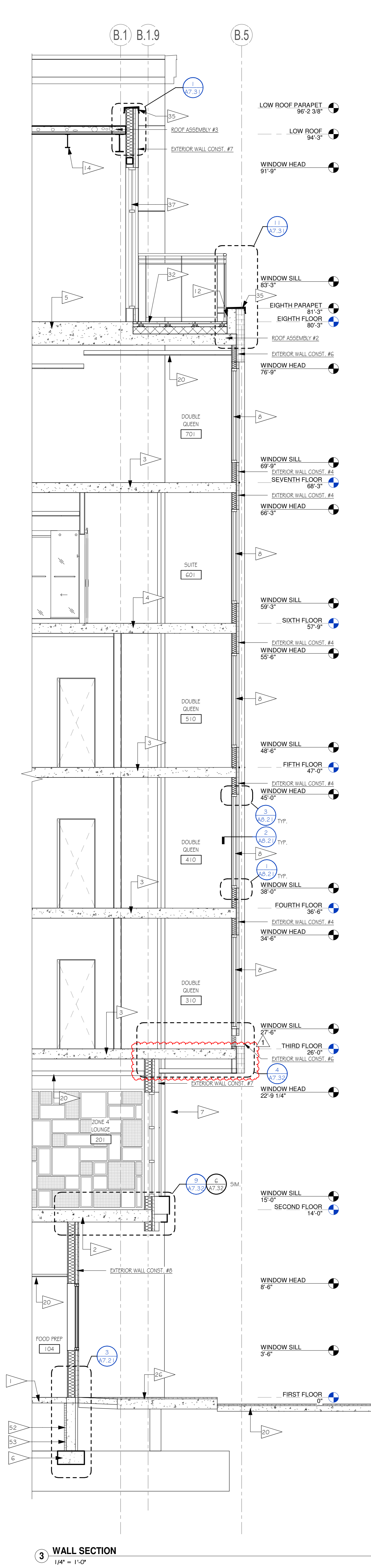
- Borders
- Cove lighting
- Bridges
- Gazebos
- Roof lines
- Signage
- Accent lighting



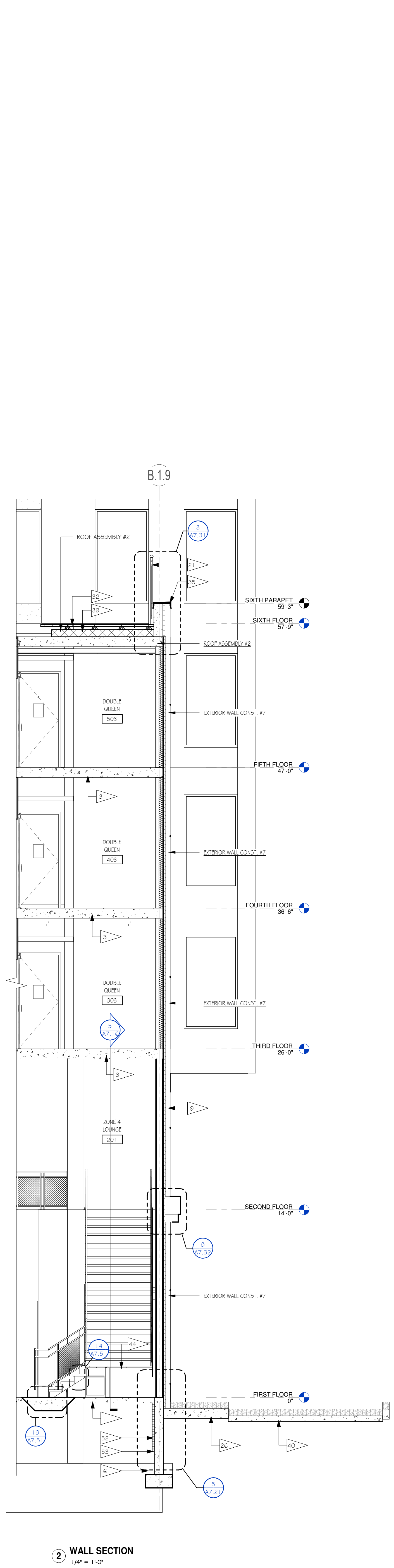
**NOTE:**  
1. REFER TO SHEET A7.01 FOR GENERAL NOTES, WALL ASSEMBLIES, ROOF ASSEMBLIES AND KEY NOTES.



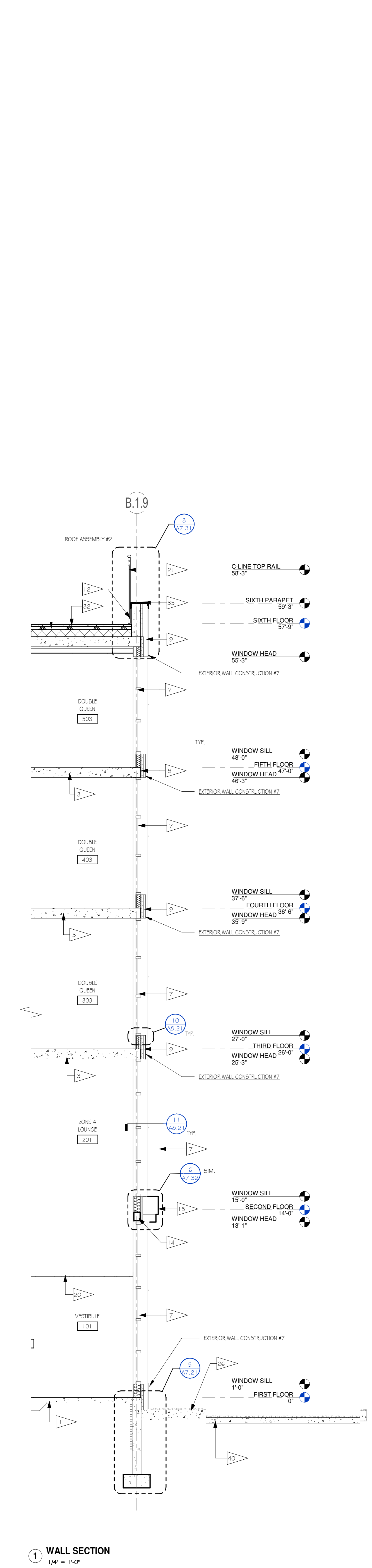
**4** WALL SECTION  
1/4" = 1'-0"



**3** WALL SECTION  
1/4" = 1'-0"



**2** WALL SECTION  
1/4" = 1'-0"



**1** WALL SECTION  
1/4" = 1'-0"

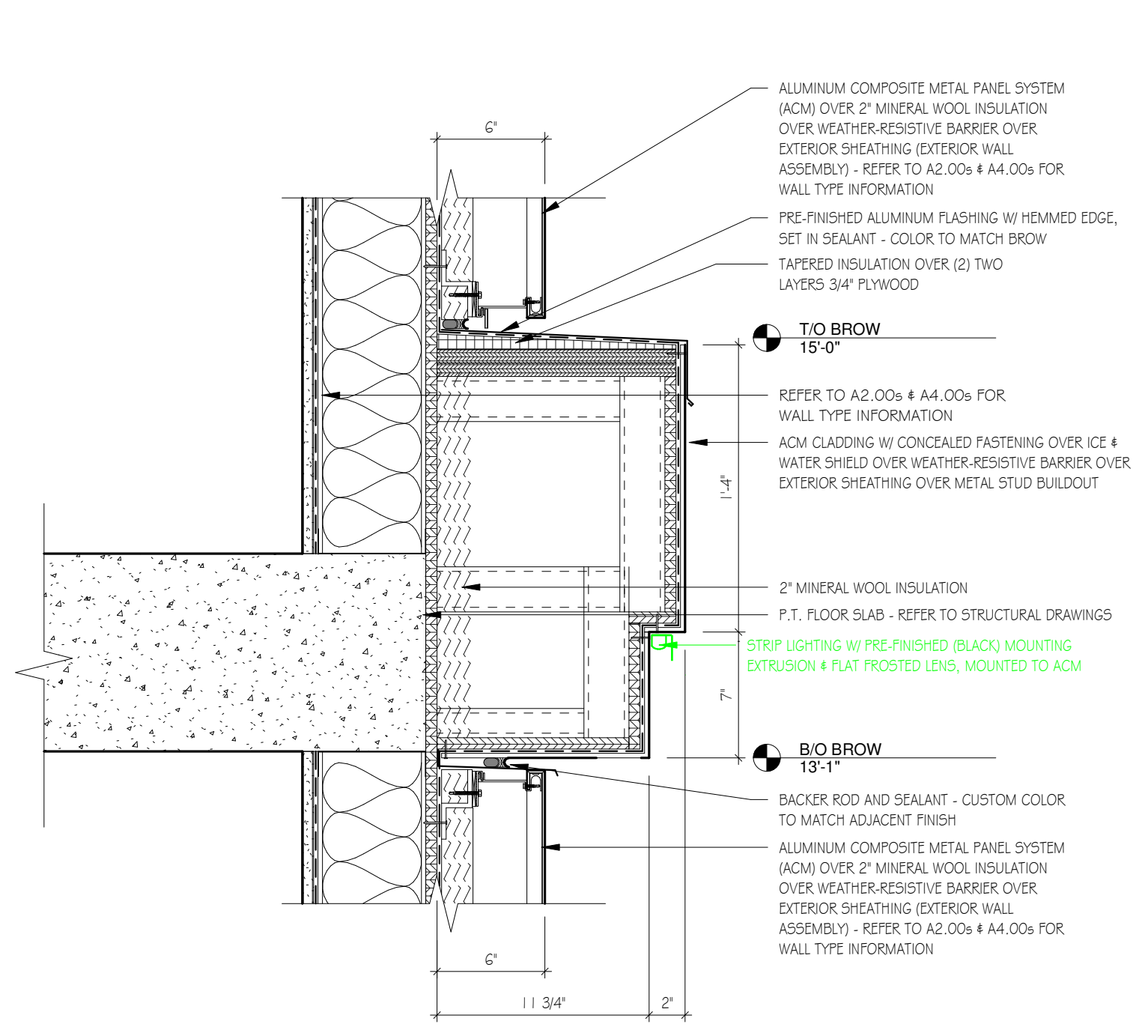
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823 EAST WASHINGTON AVENUE  
MADISON, WISCONSIN 53703  
CLIENT: **MM EAST WASHINGTON, LLC.**  
1600 ASPEN COMMONS, SUITE 200  
MIDDLETON, WISCONSIN 53562

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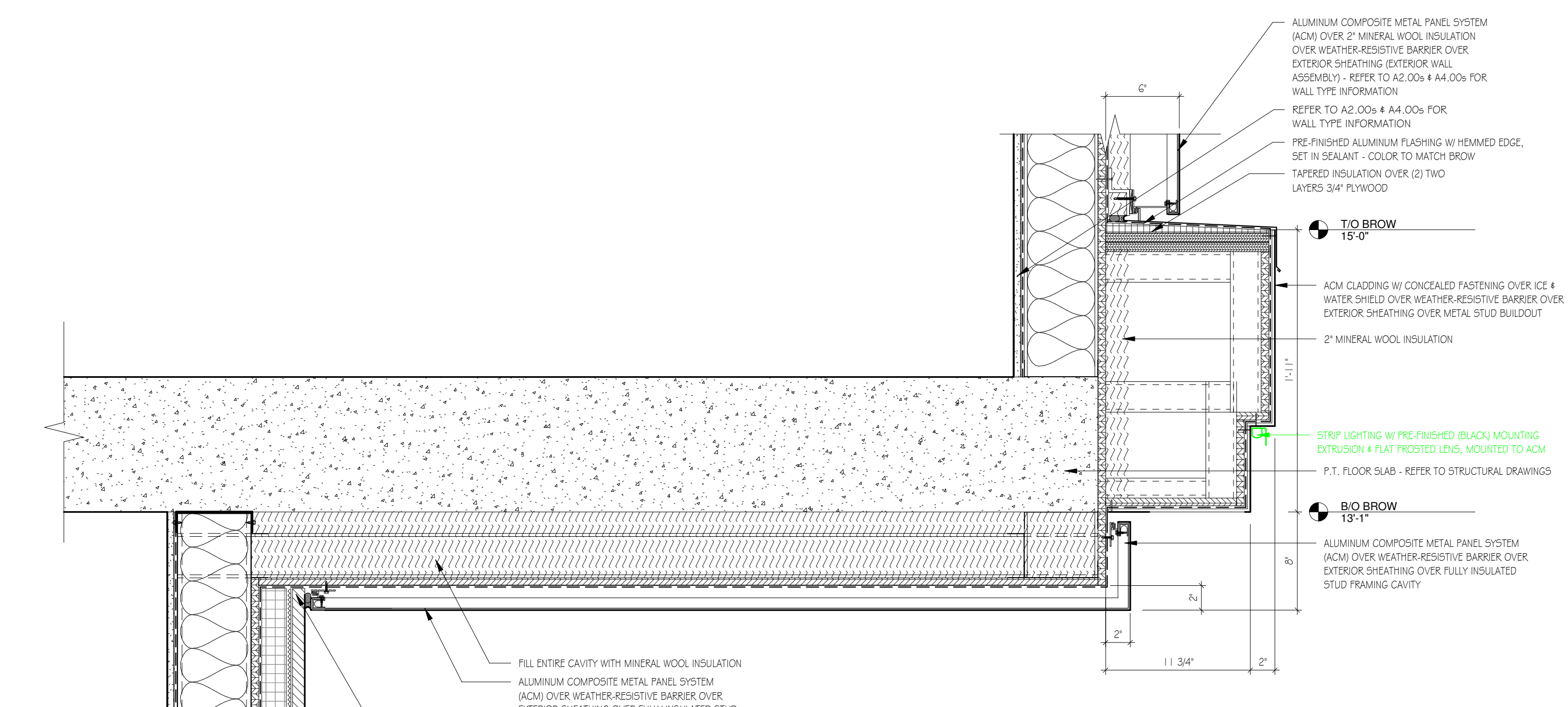
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DRAWN BY: Author  
DATE:  
SCALE: AS NOTED

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MI 90% SET 06/14/2021  
95% GMP SET 09/13/2021  
1 GMP SET CB1 03/22/2022

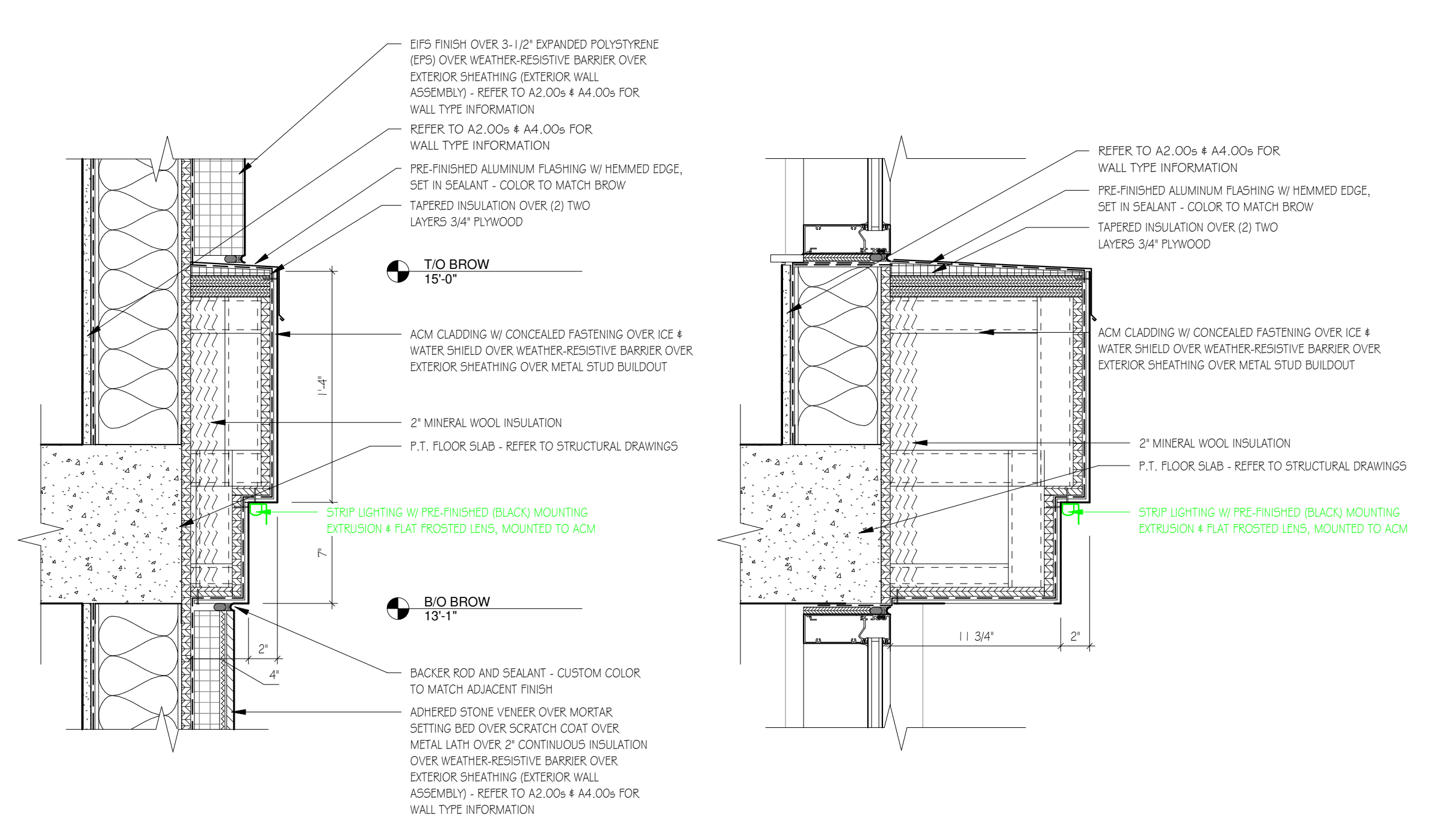




**8 DETAIL - BROW BUILDOUT AT ACM OVER STUDS**  
1/12" = 1'-0"

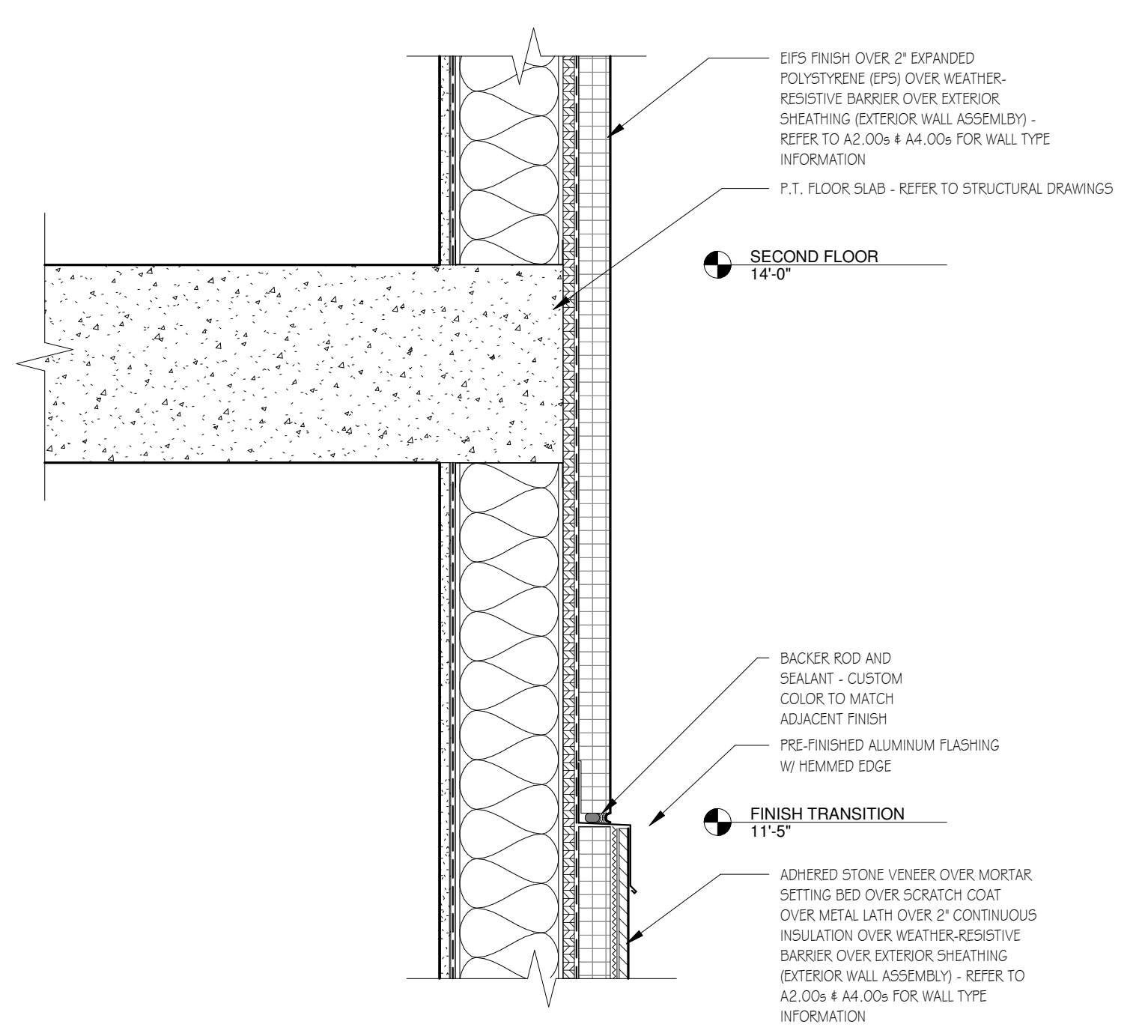


**7 DETAIL - BROW BUILDOUT AT EIFS OVER STUDS**  
1/12" = 1'-0"

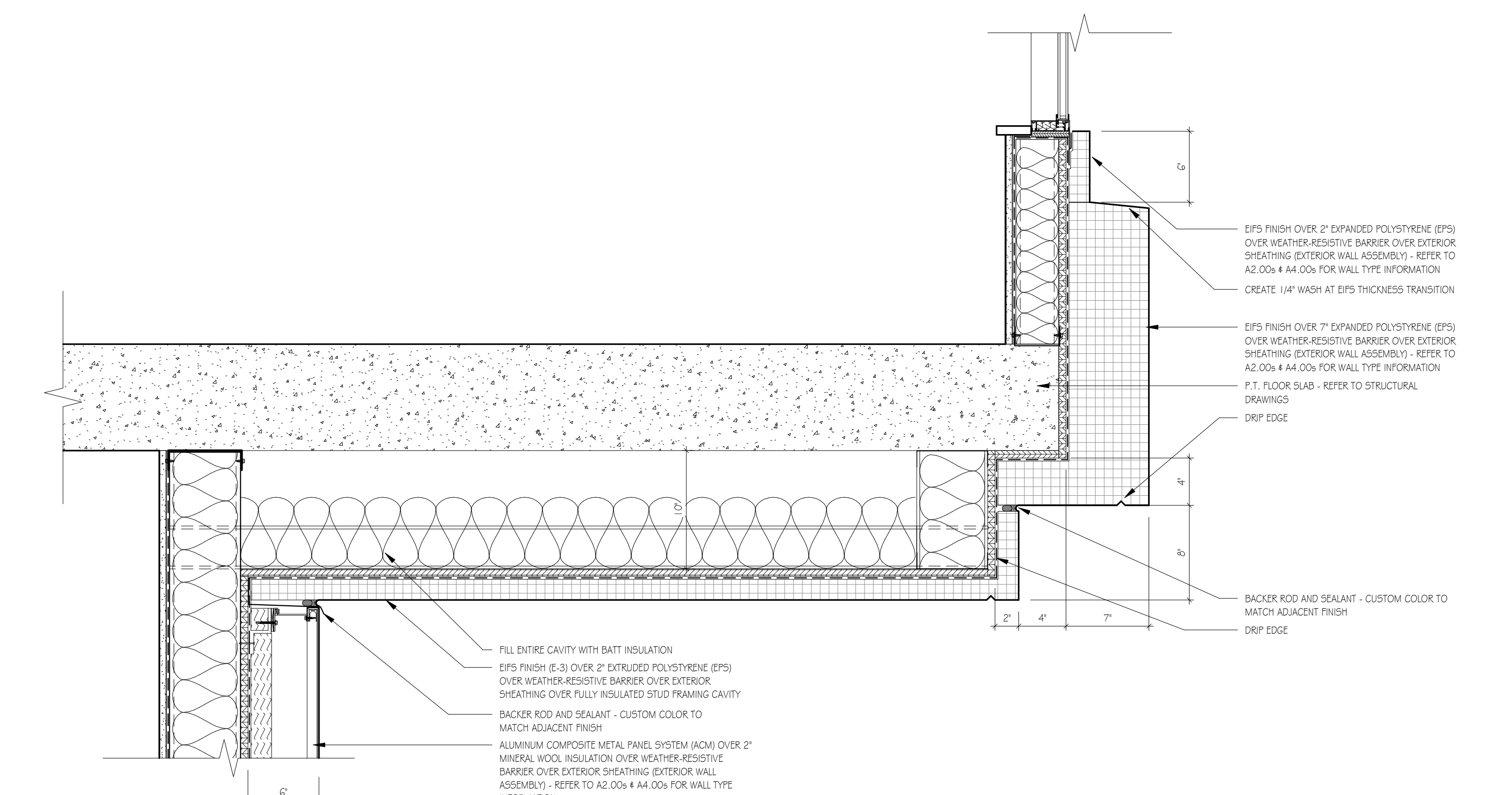


**6 DETAIL - BROW BUILDOUT AT WINDOW HEAD/SILL**  
1/12" = 1'-0"

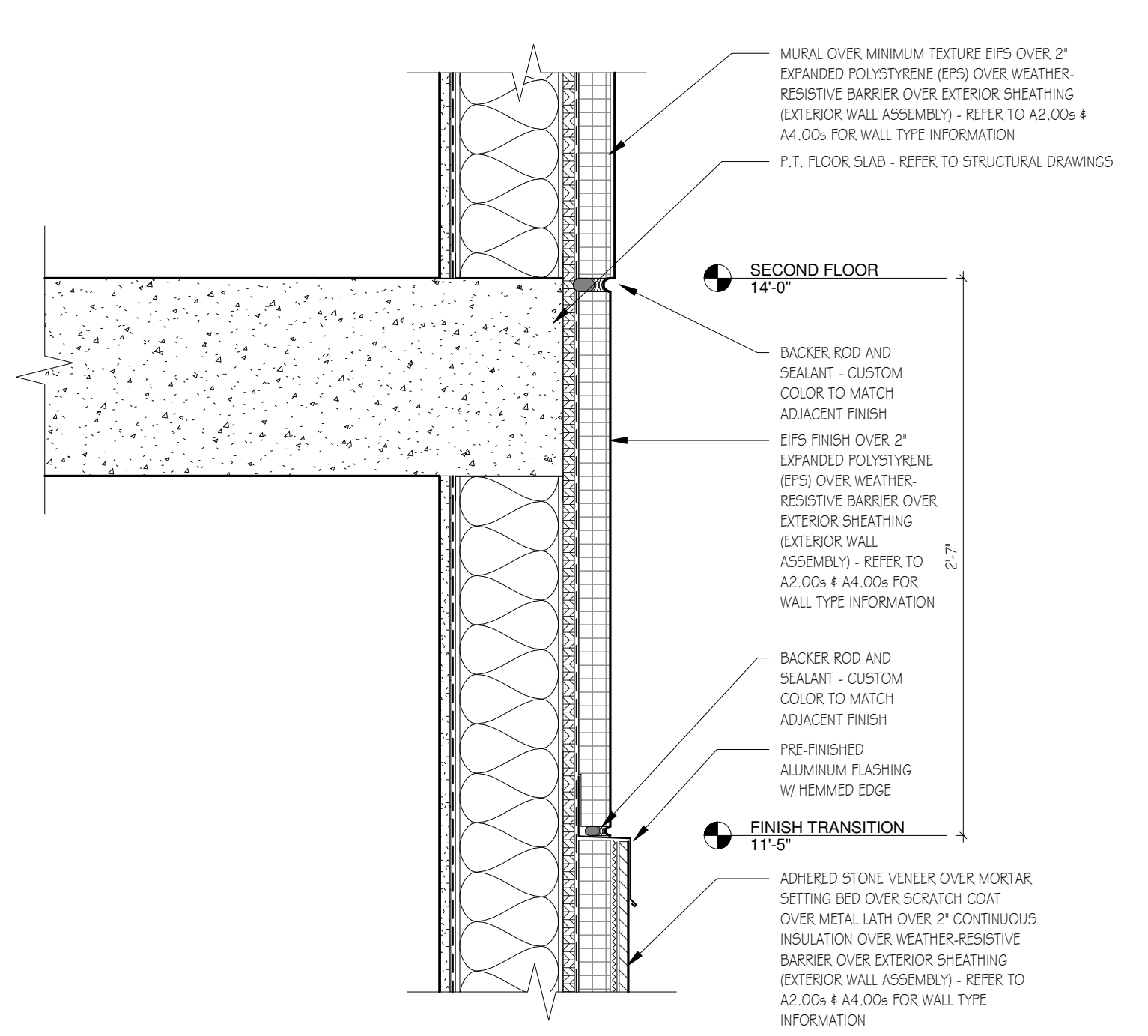
**9 DETAIL - SECTION AT BOTTOM OF GUESTROOM BUILDOUT @ STONE**  
1/12" = 1'-0"



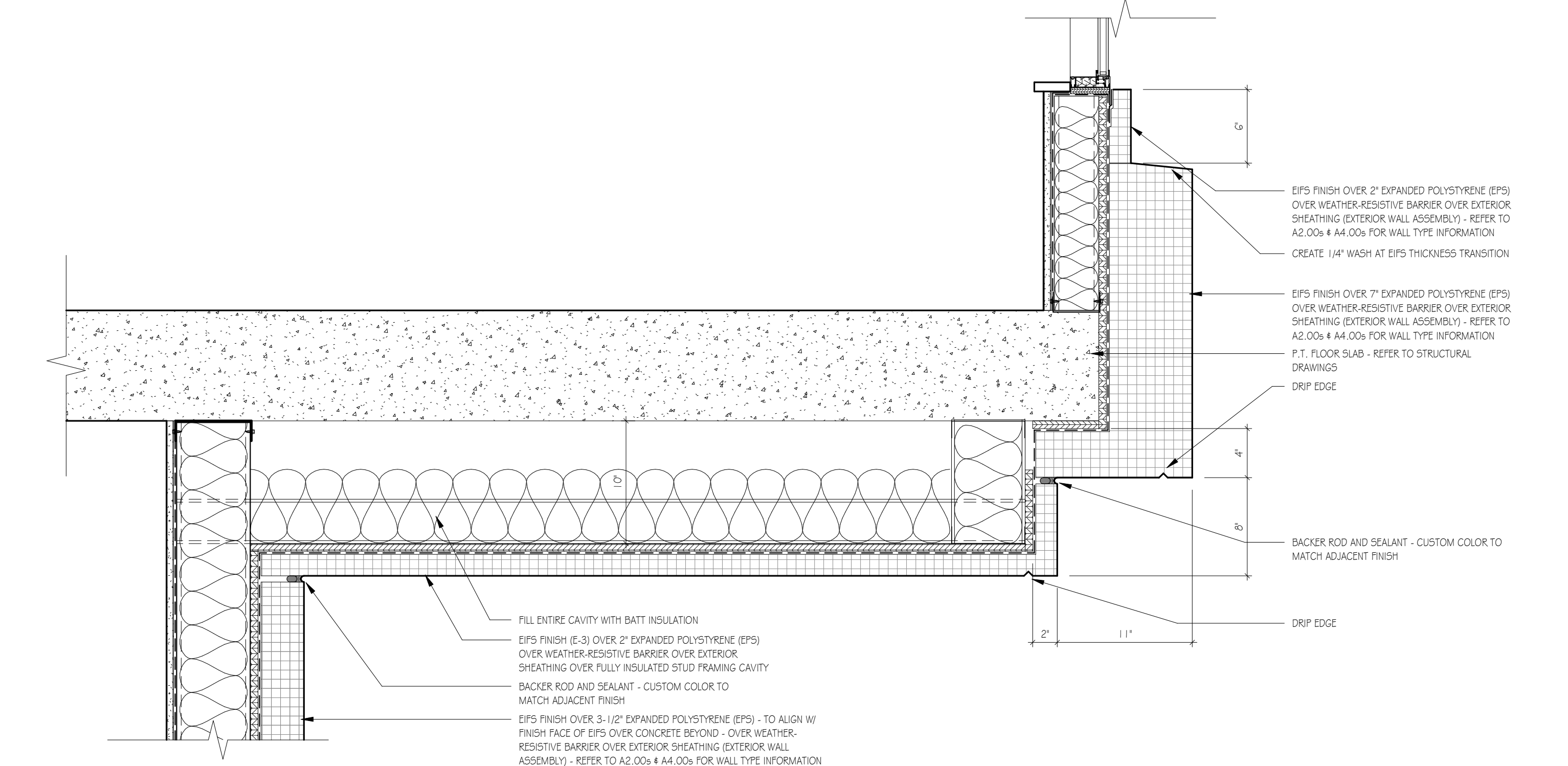
**5 DETAIL - MATERIAL TRANSITION AT 2\"/>**



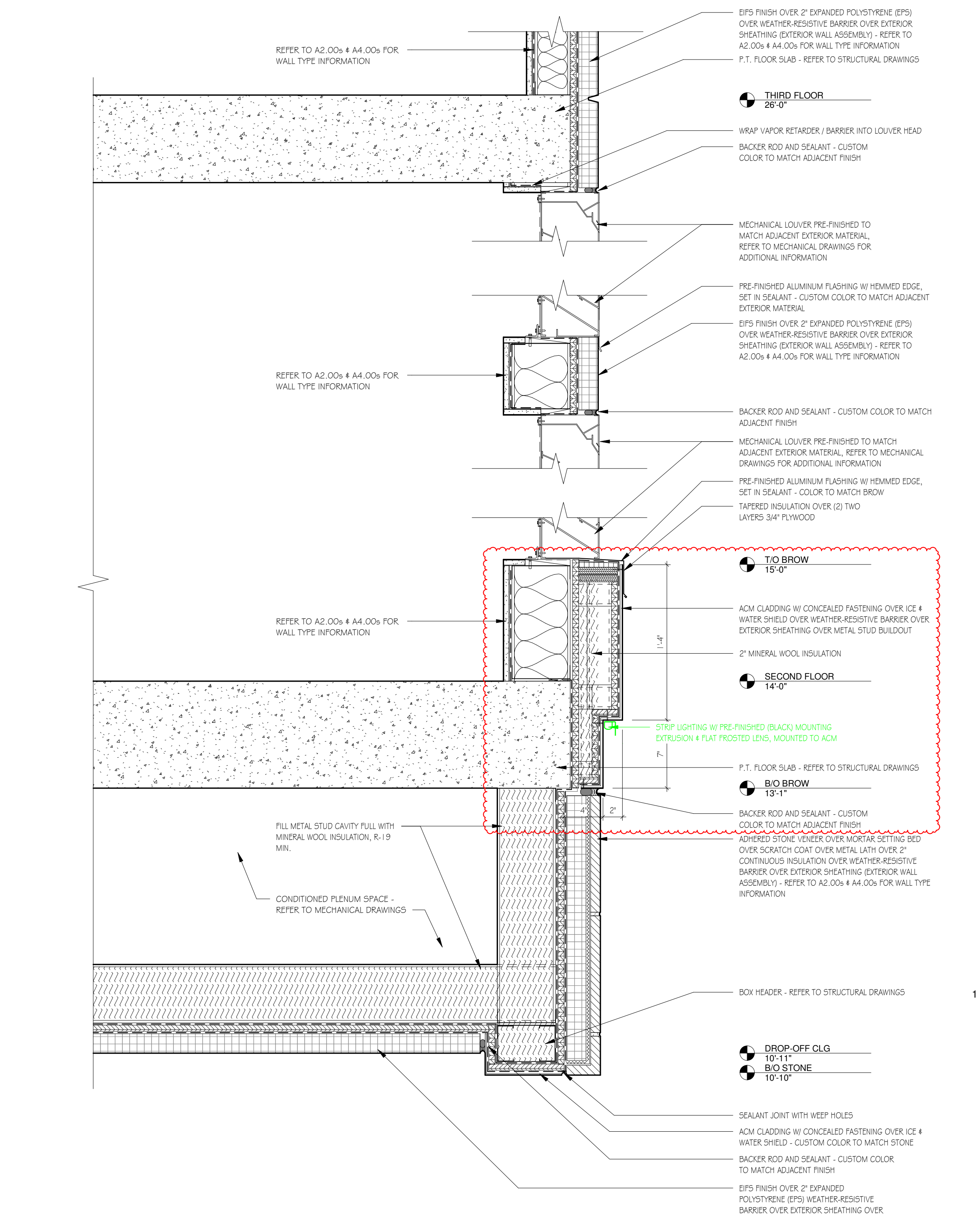
**4 DETAIL - SECTION AT BOTTOM OF GUESTROOM BUILDOUT @ ACM**  
1/12" = 1'-0"



**3 DETAIL - MATERIAL TRANSITION AT MURAL / 2\"/>**



**2 DETAIL - SECTION AT BOTTOM OF GUESTROOM BUILDOUT @ EIFS**  
1/12" = 1'-0"



**1 DETAIL - SECTION THROUGH VRF ROOM LOUVER**  
1/12" = 1'-0"

PROJECT: **MOXY HOTEL**  
822 EAST WASHINGTON AVENUE  
MADISON, WISCONSIN 53703  
CLIENT: **MM EAST WASHINGTON, LLC.**  
1600 ASPEN COMMONS, SUITE 200  
MIDDLETON, WISCONSIN 53562

PROJECT: 201926  
DRAWN BY: Author  
DATE: 03/22/2022  
SCALE: AS NOTED

MI 90% SET 06/14/2021  
90% GMP SET 09/13/2021  
1 GMP SET CB1 03/22/2022  
CB #3 11/18/2022  
CB #4 12/22/2022