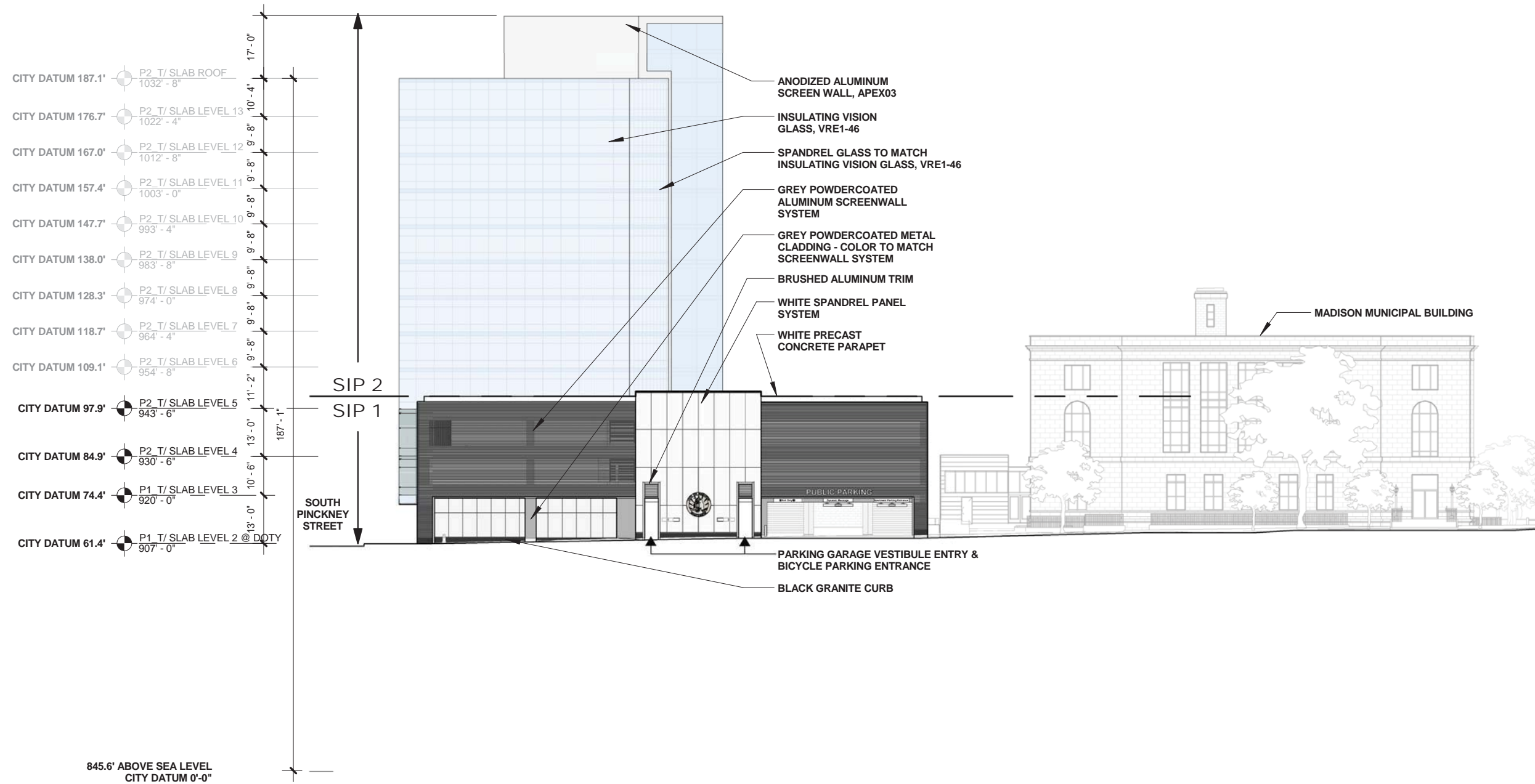
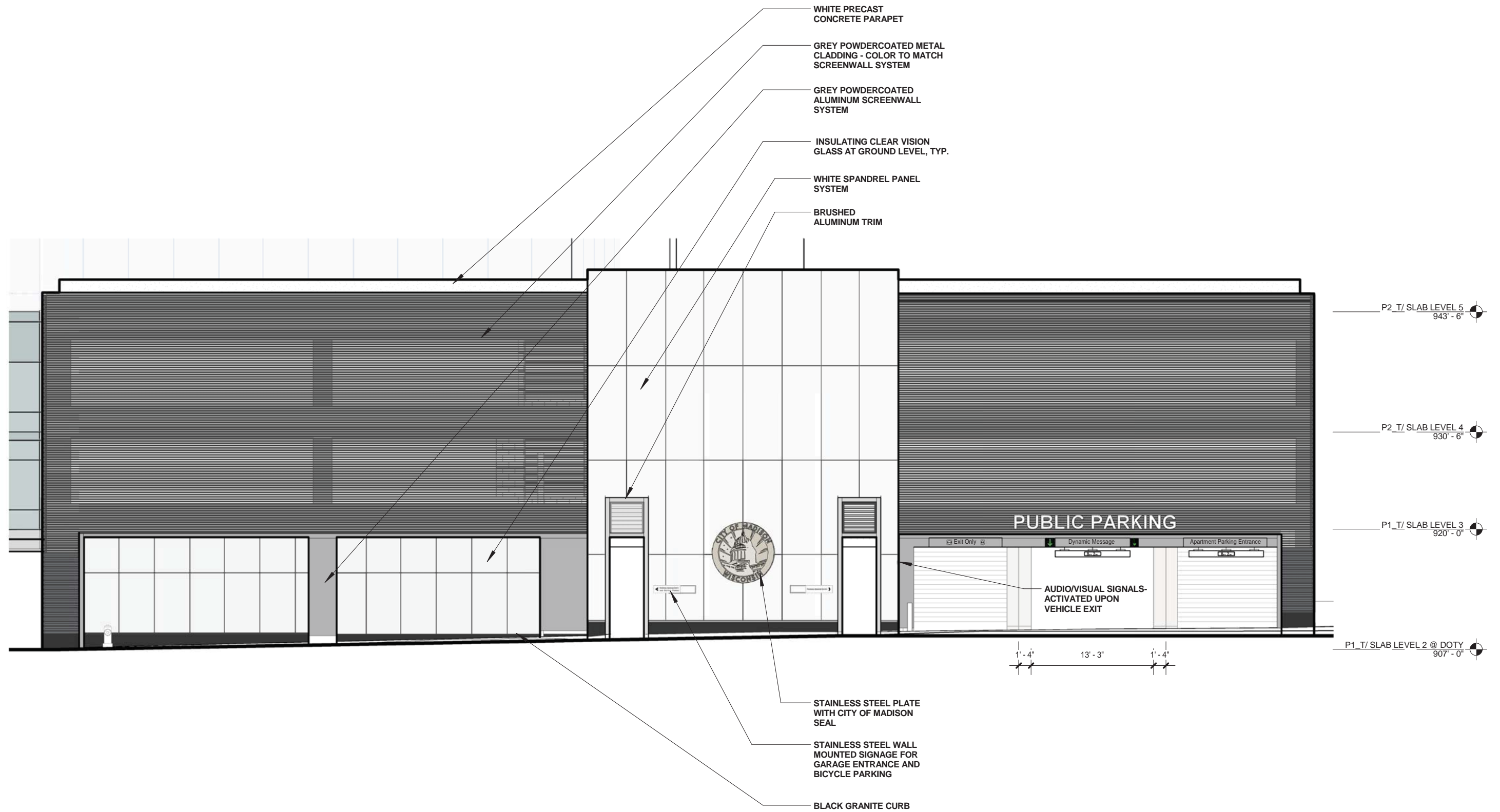


\*\*\* SEE SHEET 4-01 FOR EXTERIOR MATERIAL DETAILS

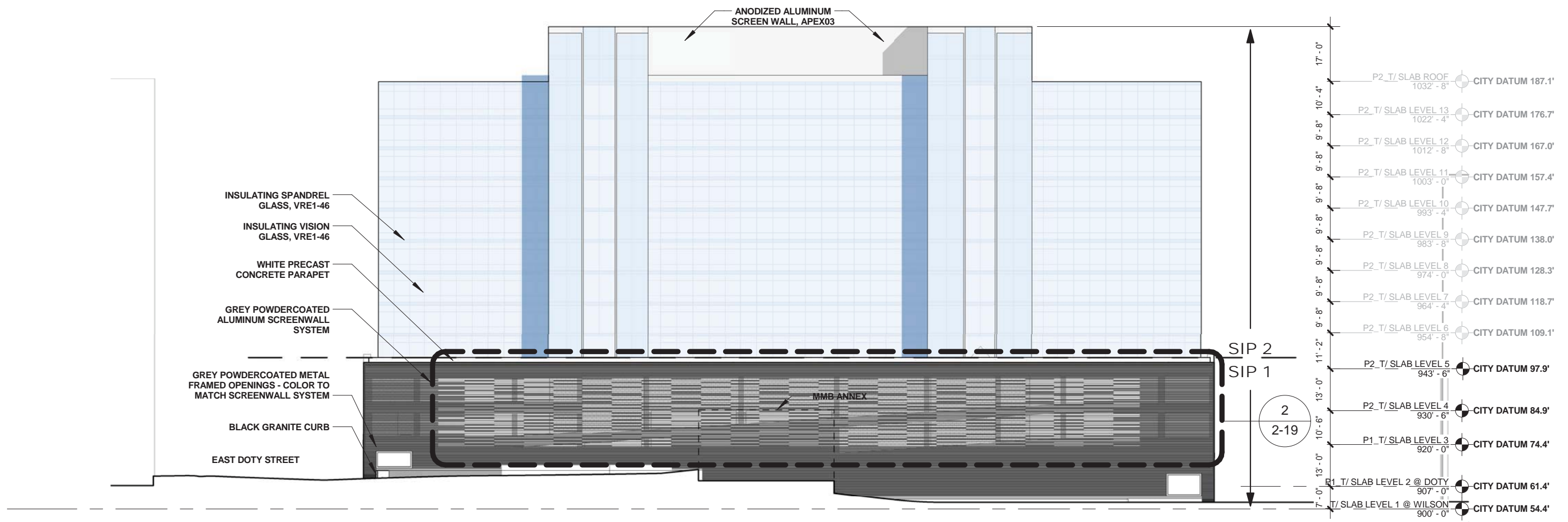


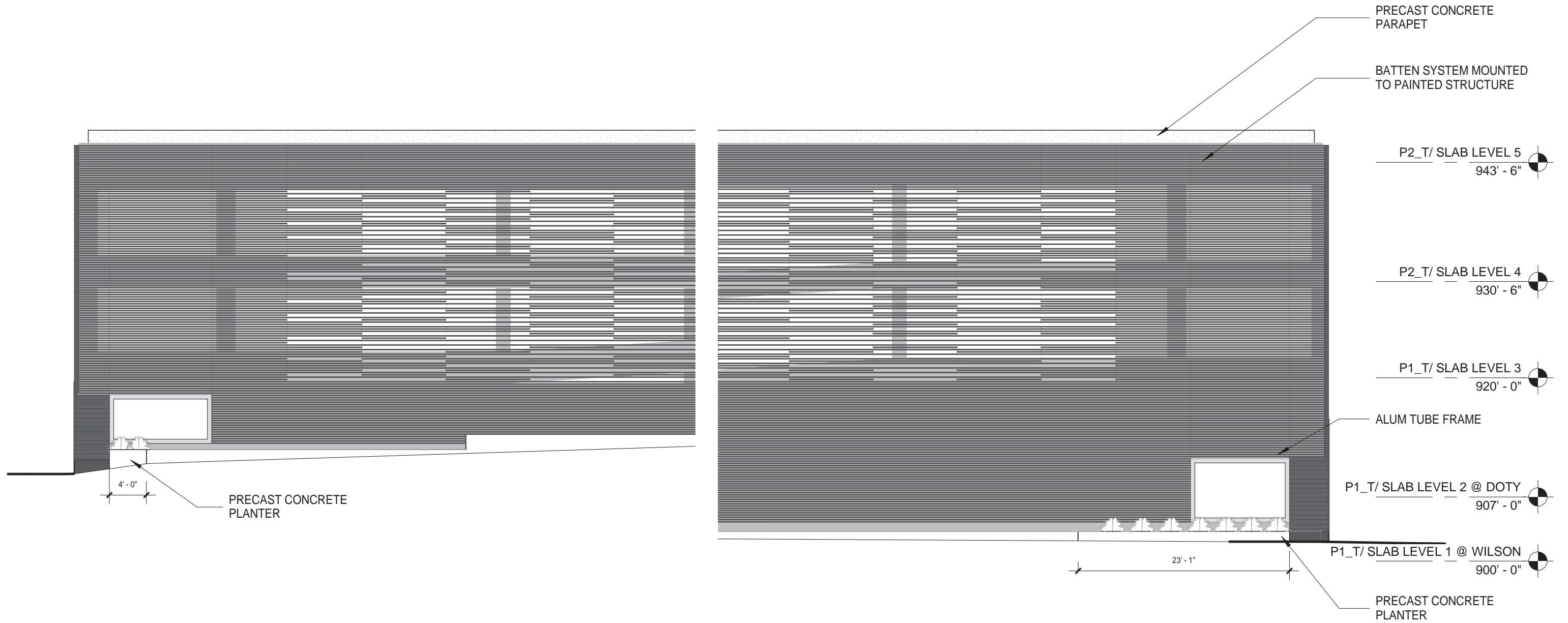


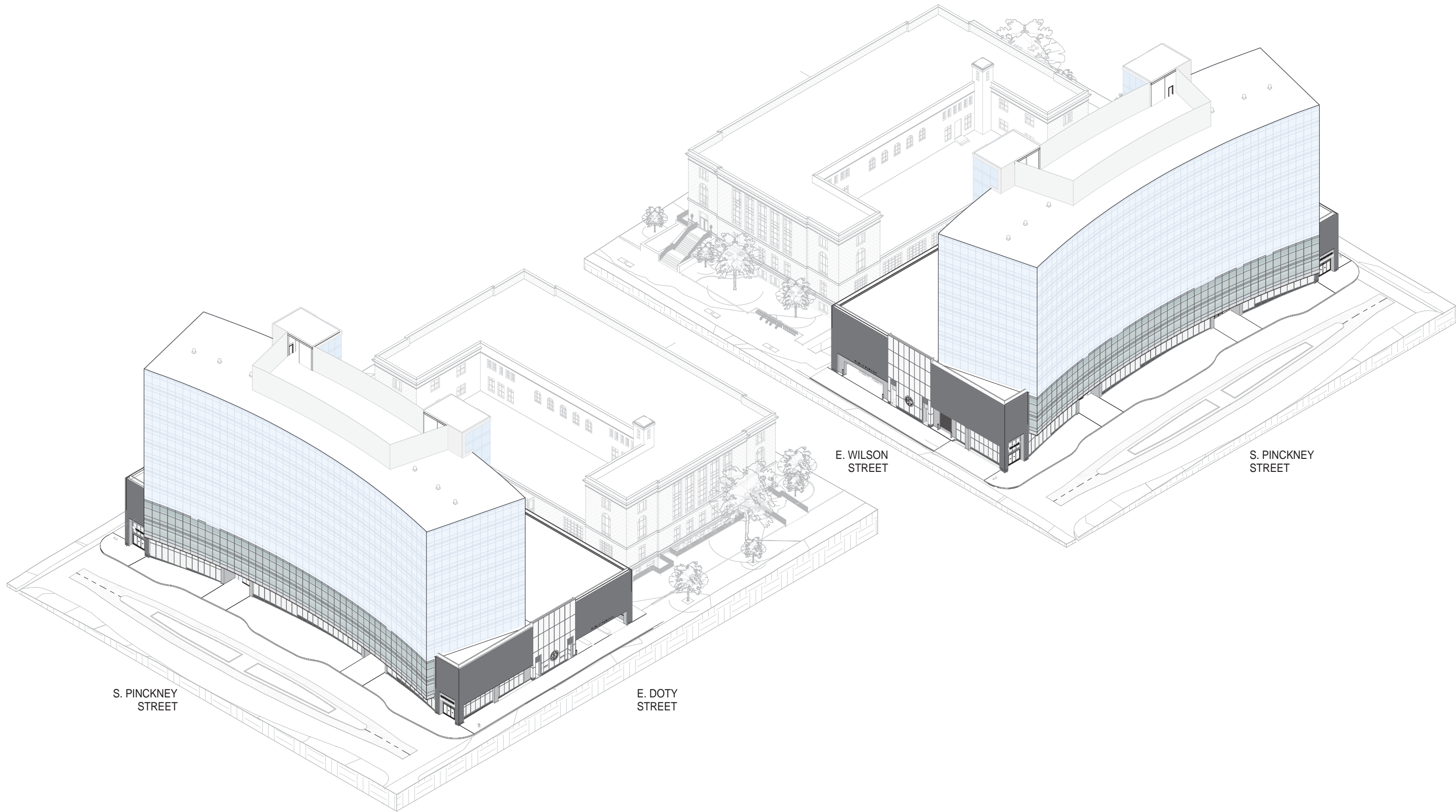
\*\*\* SEE SHEET 4-01 FOR EXTERIOR MATERIAL DETAILS

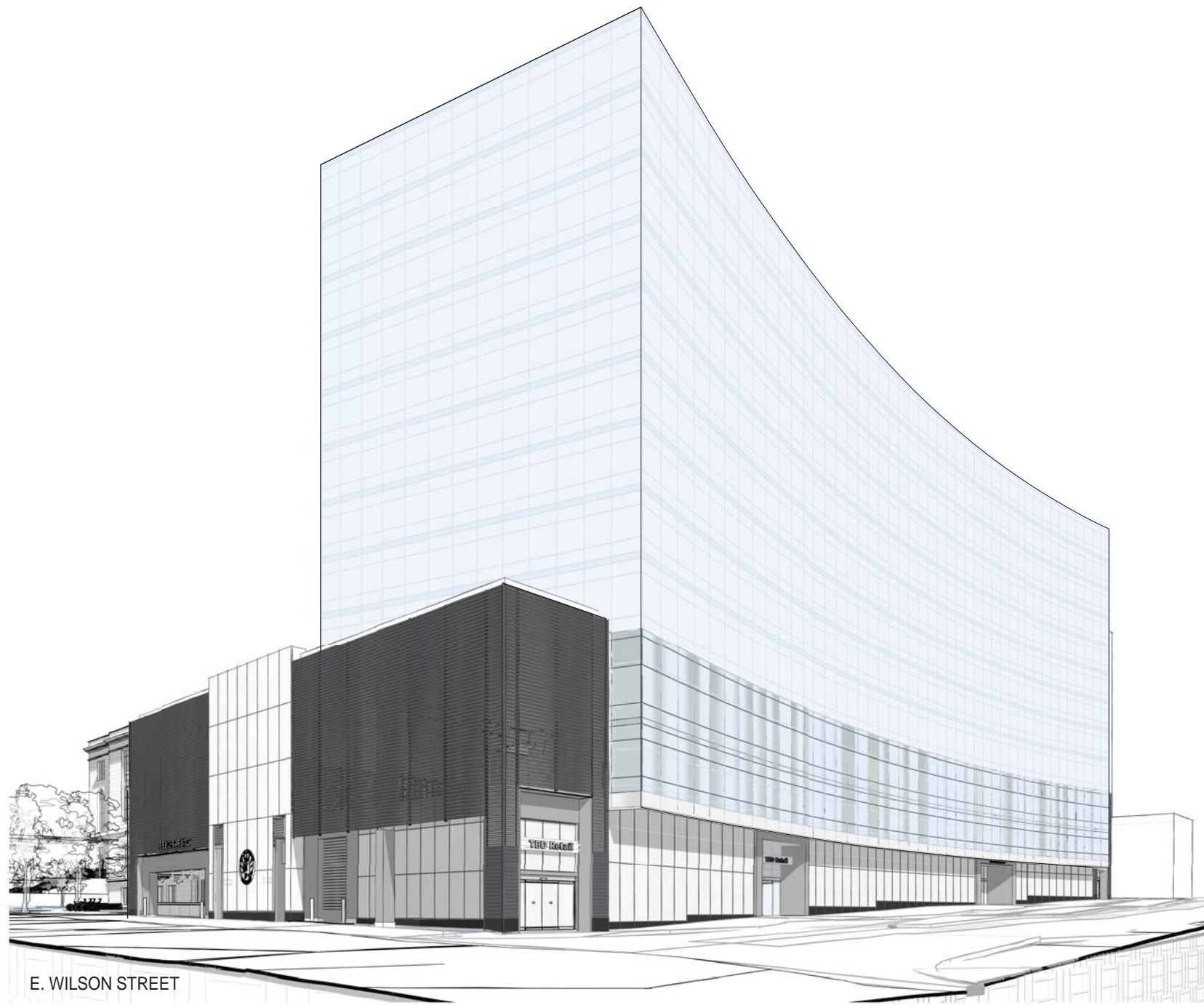


### ENLARGED MMB FEATURE WALL DETAIL

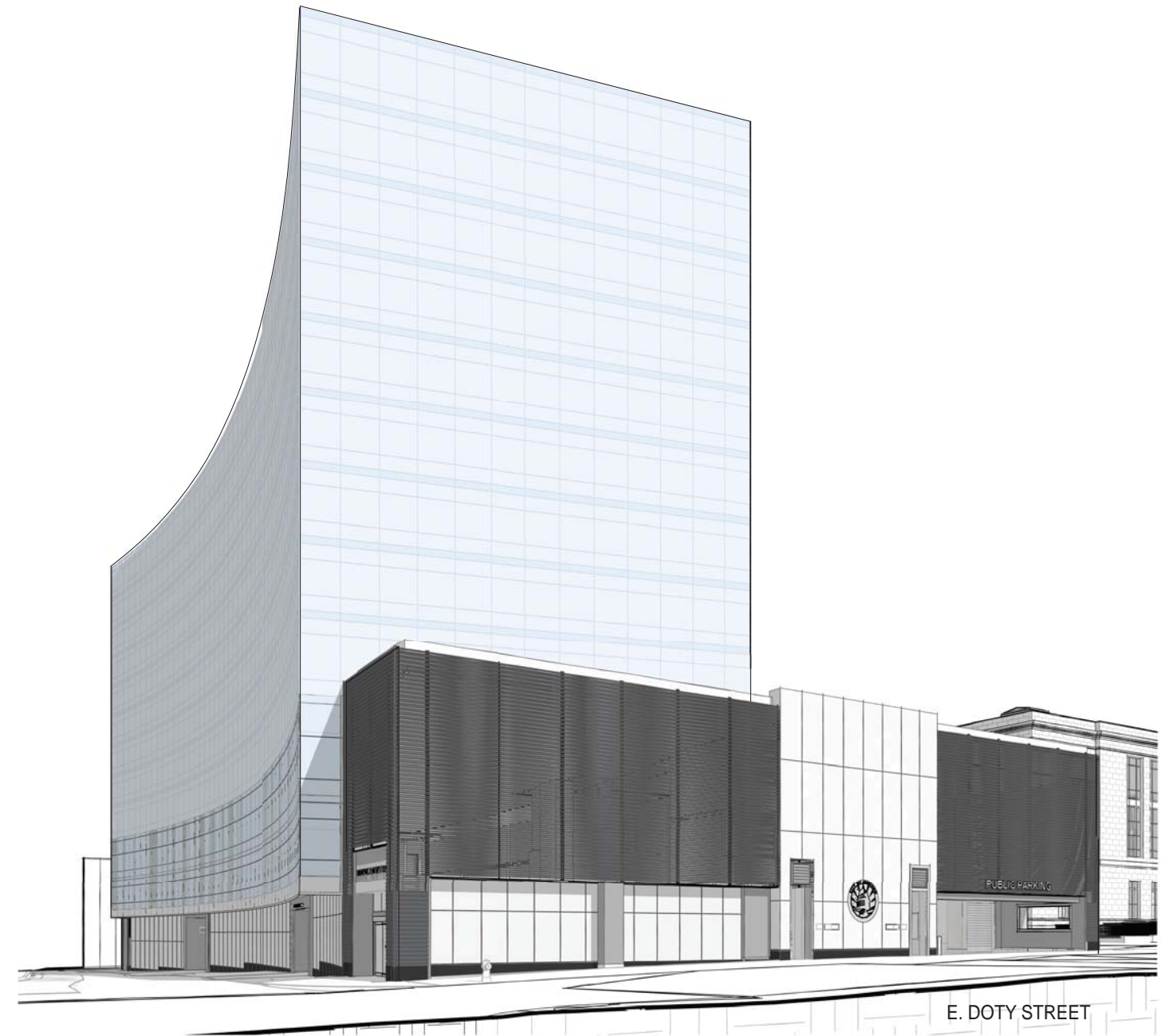




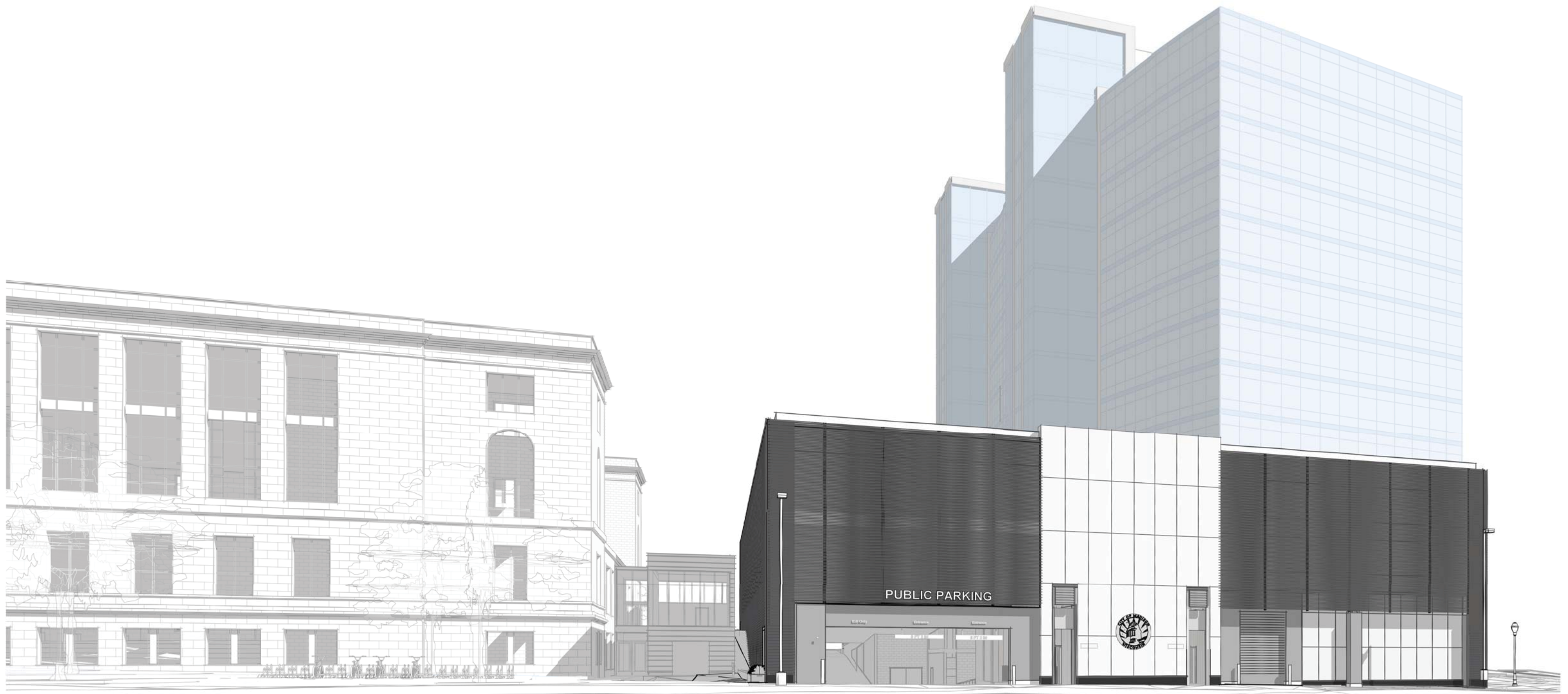




E. WILSON STREET



E. DOTY STREET

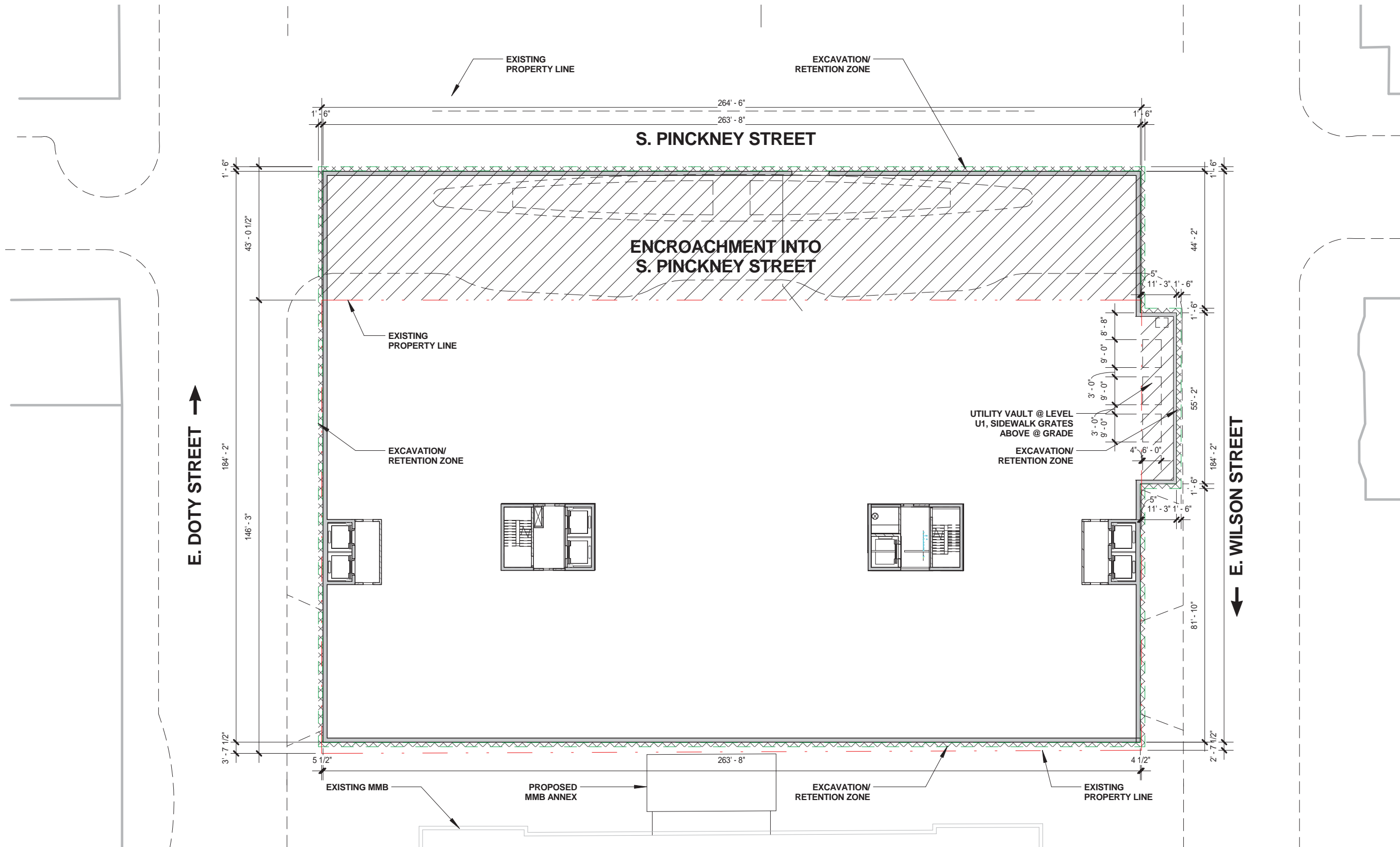


E. WILSON STREET



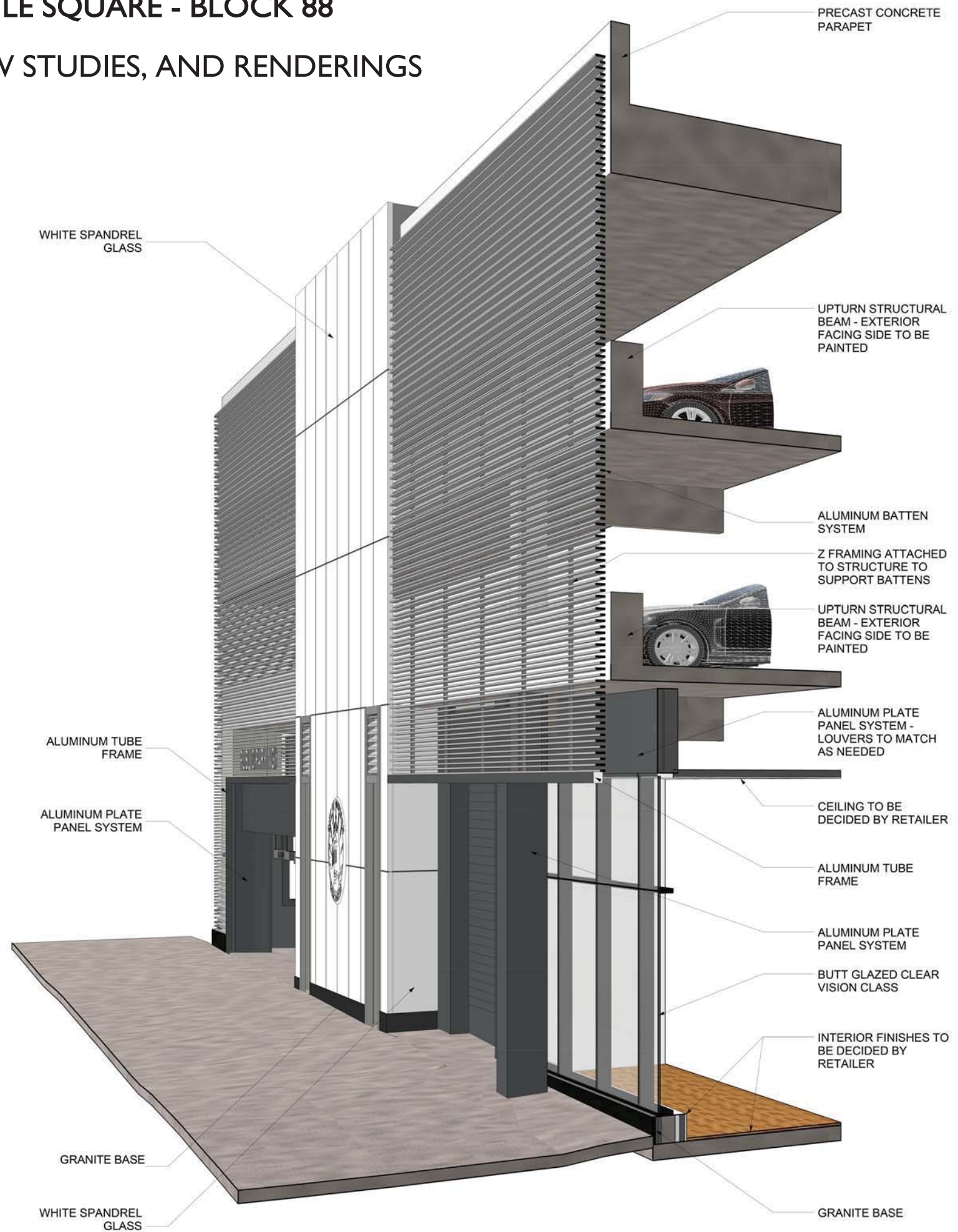


E. DOTY STREET

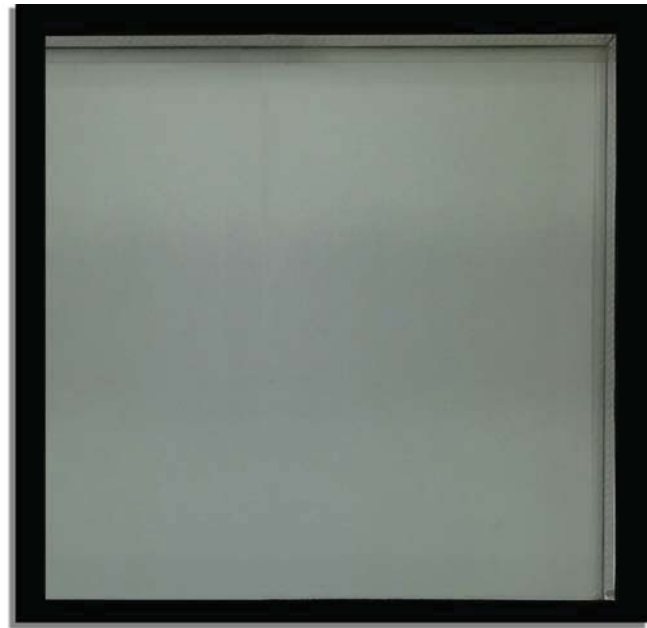


# SECTION 4 - JUDGE DOYLE SQUARE - BLOCK 88

## OVERALL MATERIALS, SHADOW STUDIES, AND RENDERINGS



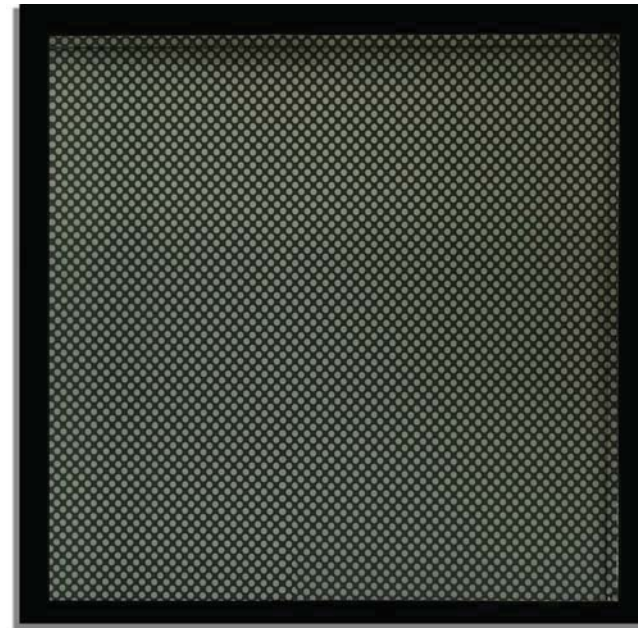
- EXTERIOR GLAZING



INSULATING VISION GLASS (VRE1-46)  
SPANDREL GLASS TO MATCH



FROSTED GLASS - FOG GRAY (V1087)



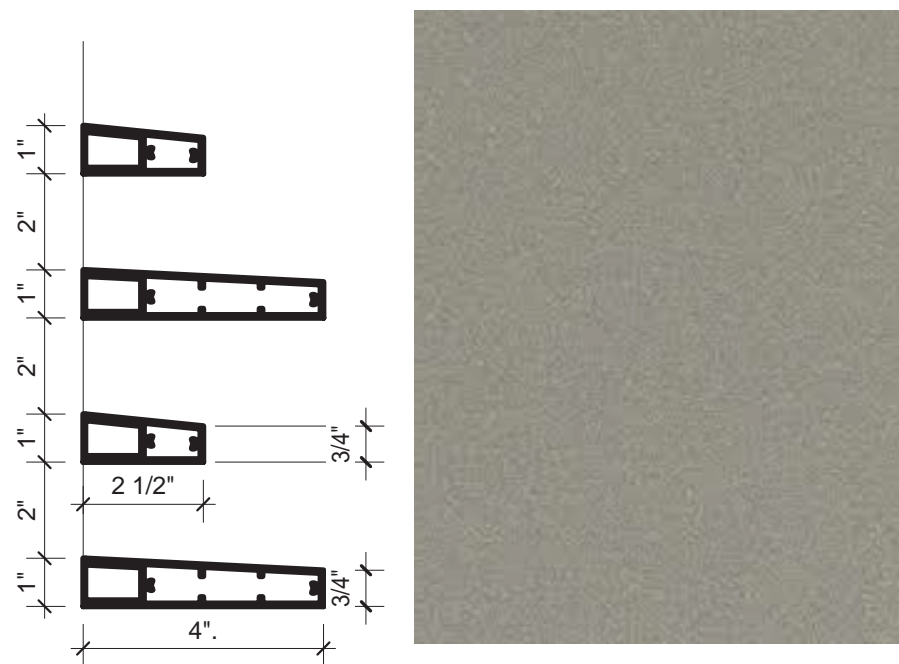
SILKSCREEN GLASS - SUBDUED GRAY  
60% COVERAGE (V903)

- ALUMINUM TRIM



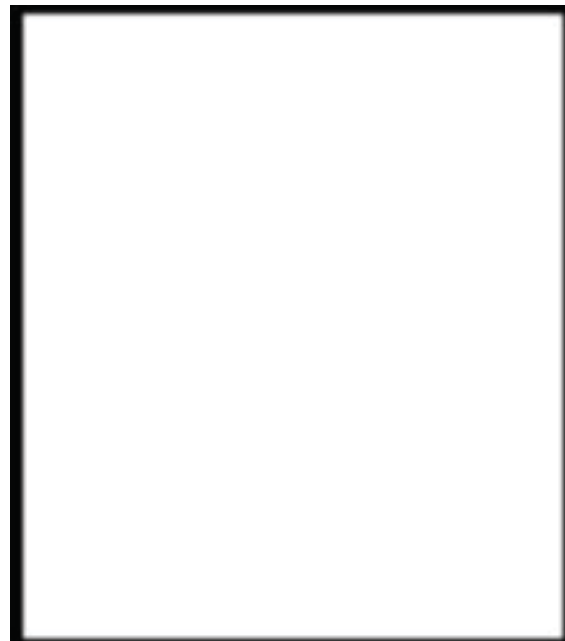
BRUSHED ALUMINUM

- KNOTWOOD SCREEN WALL SYSTEM



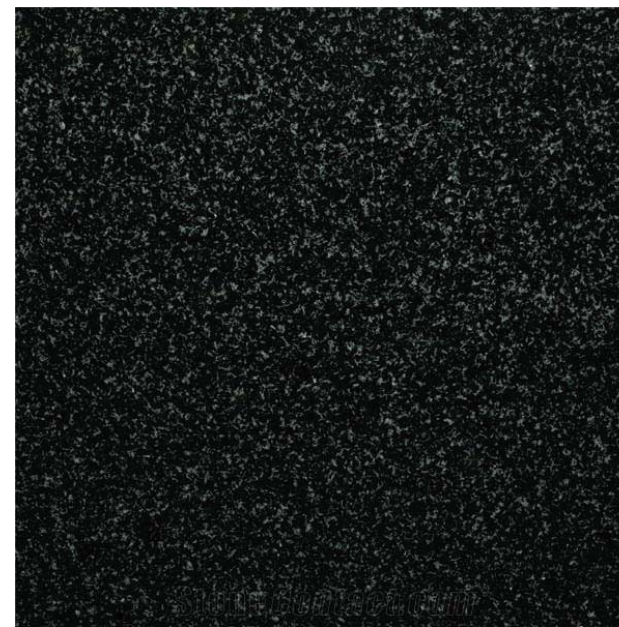
GREY POWDERCOATED ALUMINUM SCREENWALL SYSTEM  
SUNSTORM PEWTER

BUILDING CLADDING

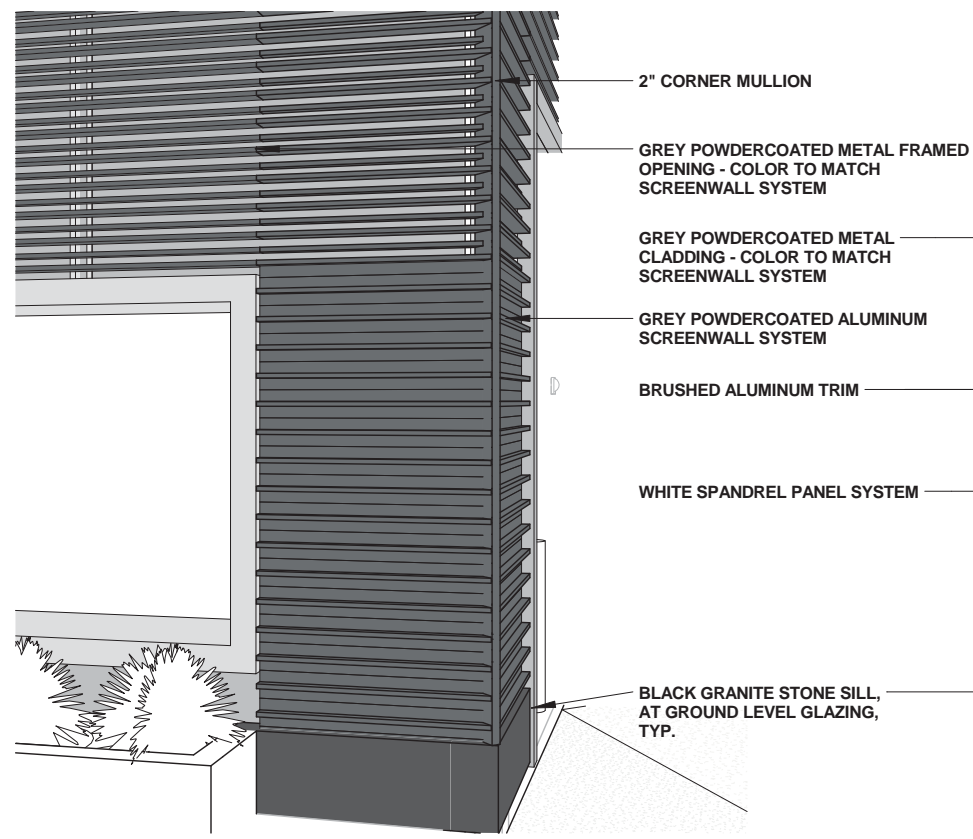


BUTT GLAZED WHITE SPANDREL  
GLASS SYSTEM

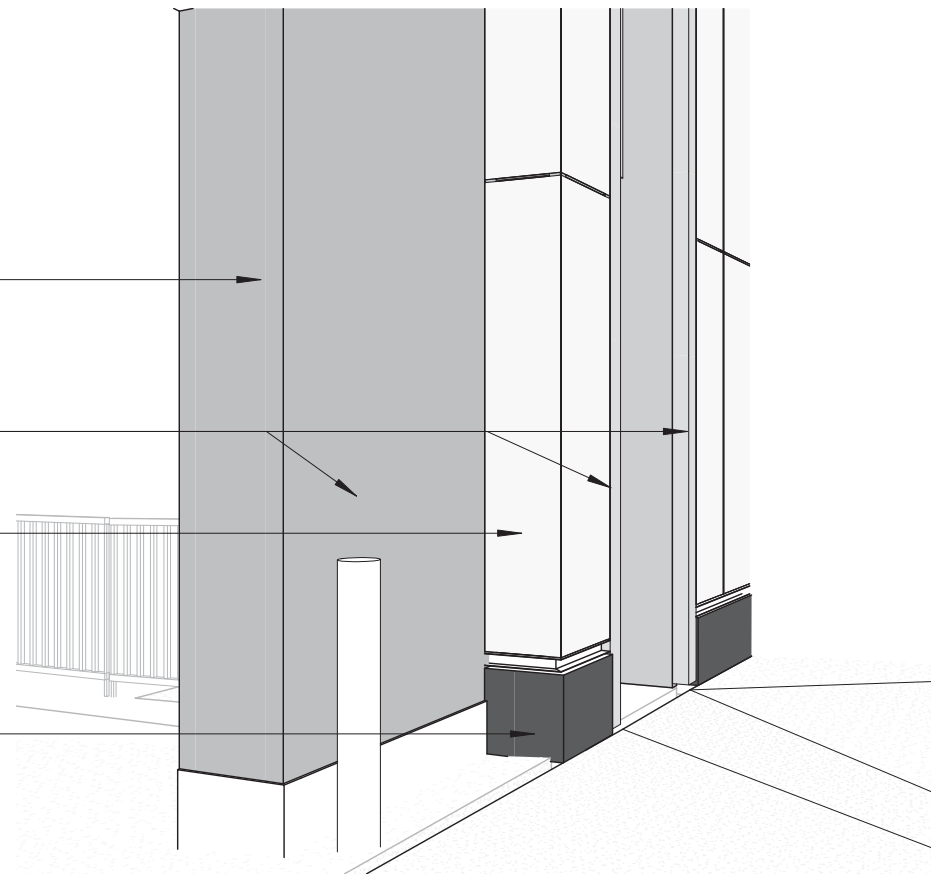
- WINDOW CURB / SILL -



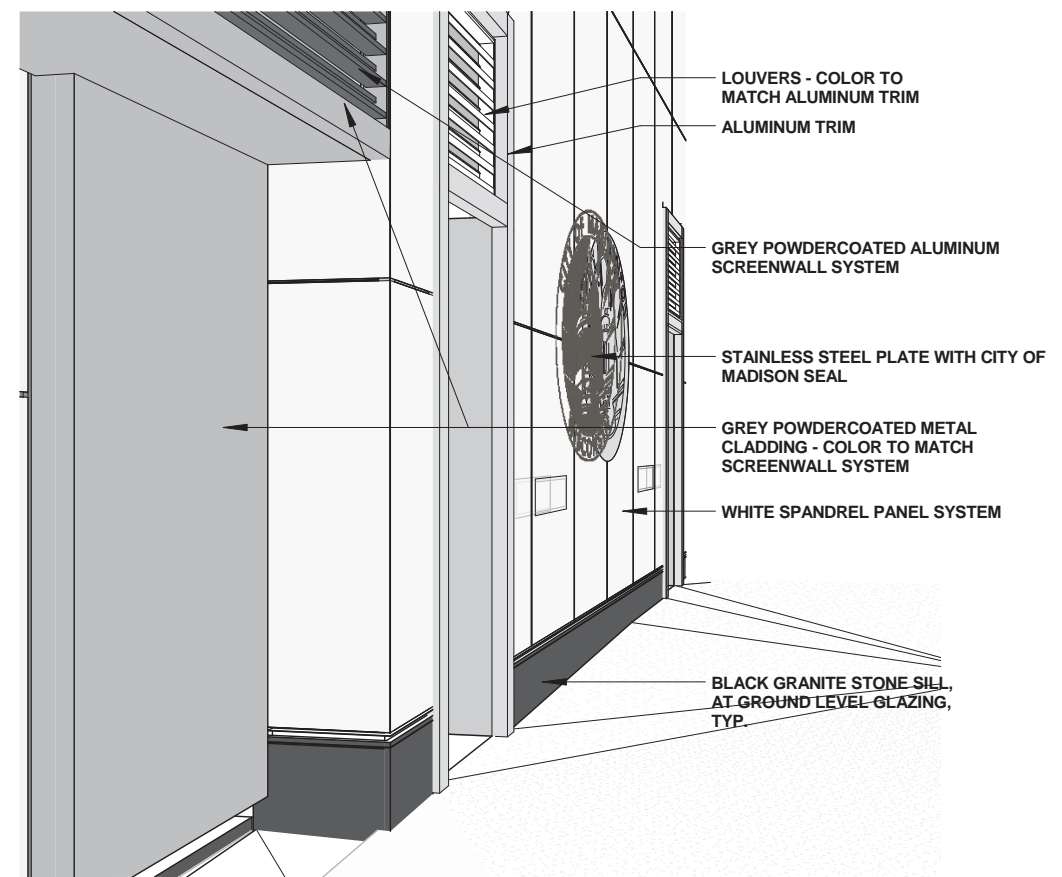
BLACK GRANITE



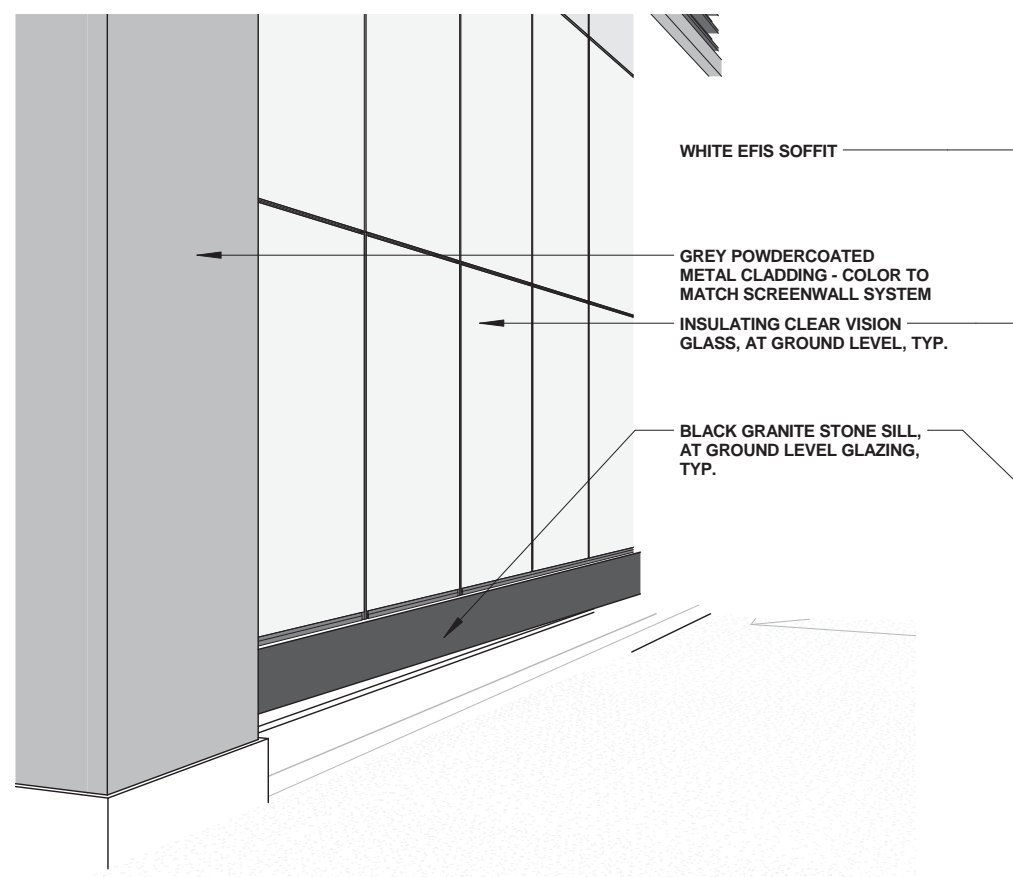
METAL FRAMED OPENING & CORNER CONNECTION



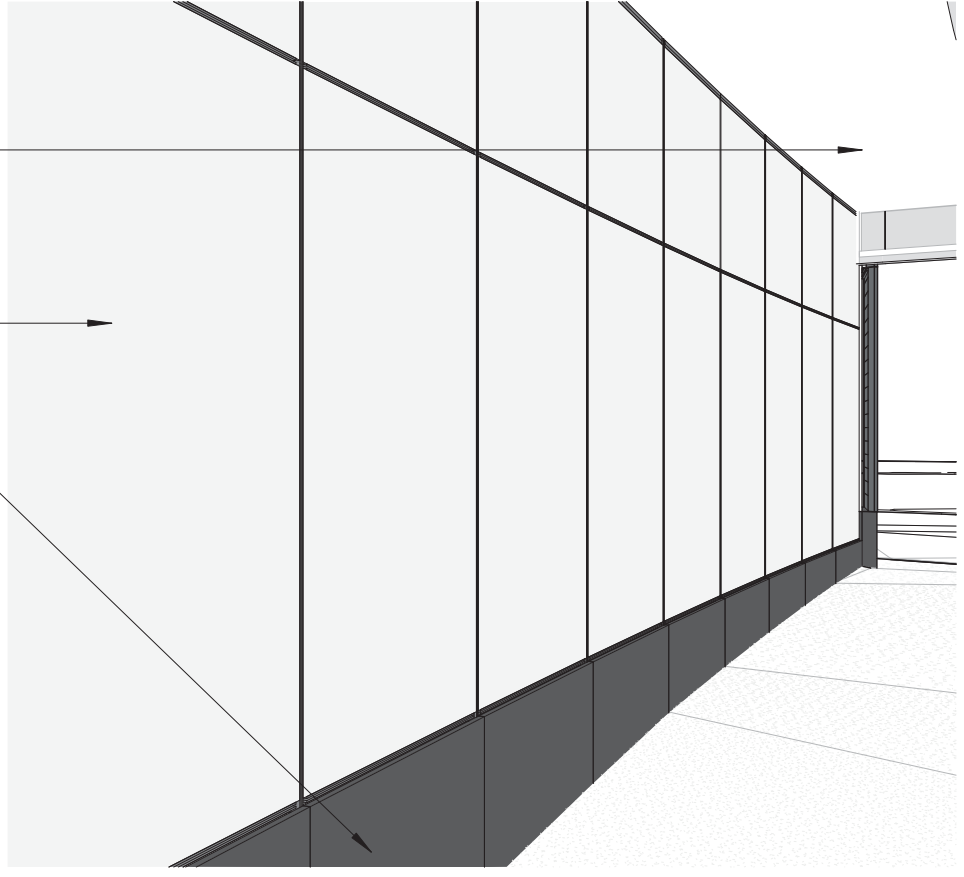
PARKING GARAGE PEDESTRIAN ENTRY OPENING & TRIM AT EXTERIOR OPENINGS



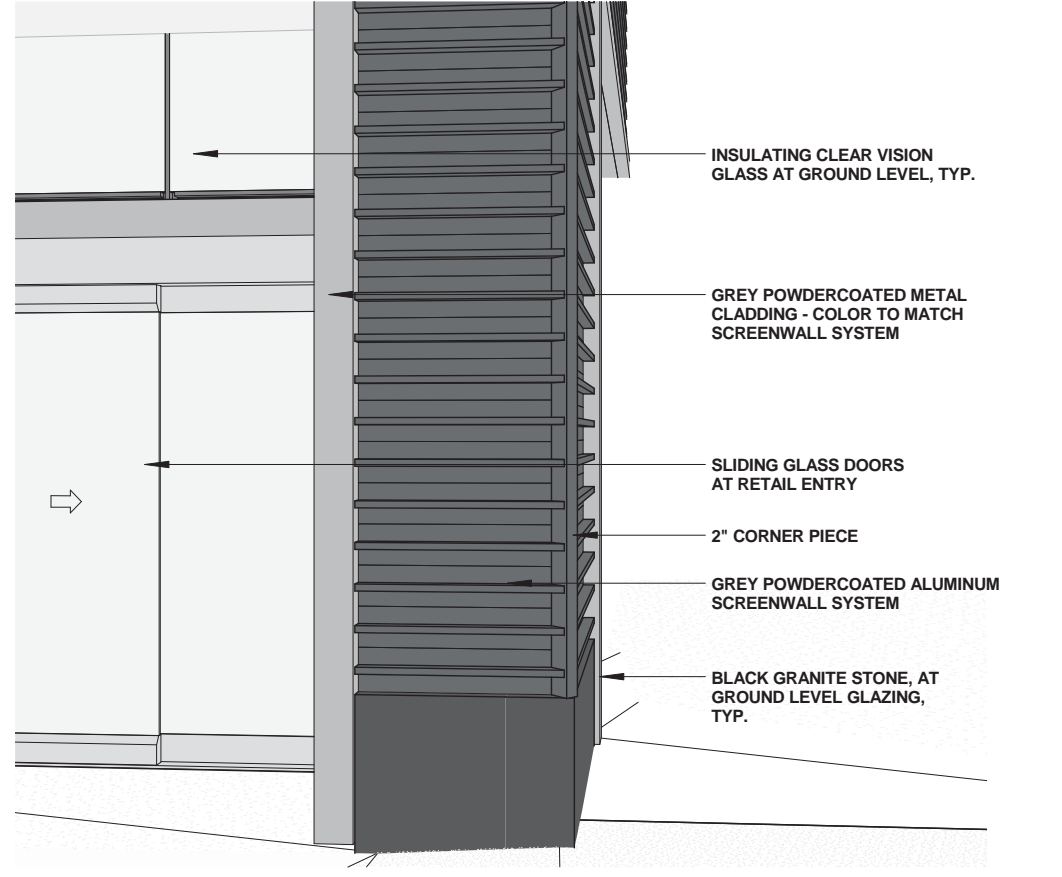
SPANDREL GLASS/ METAL TRIM AT GARAGE ENTRY



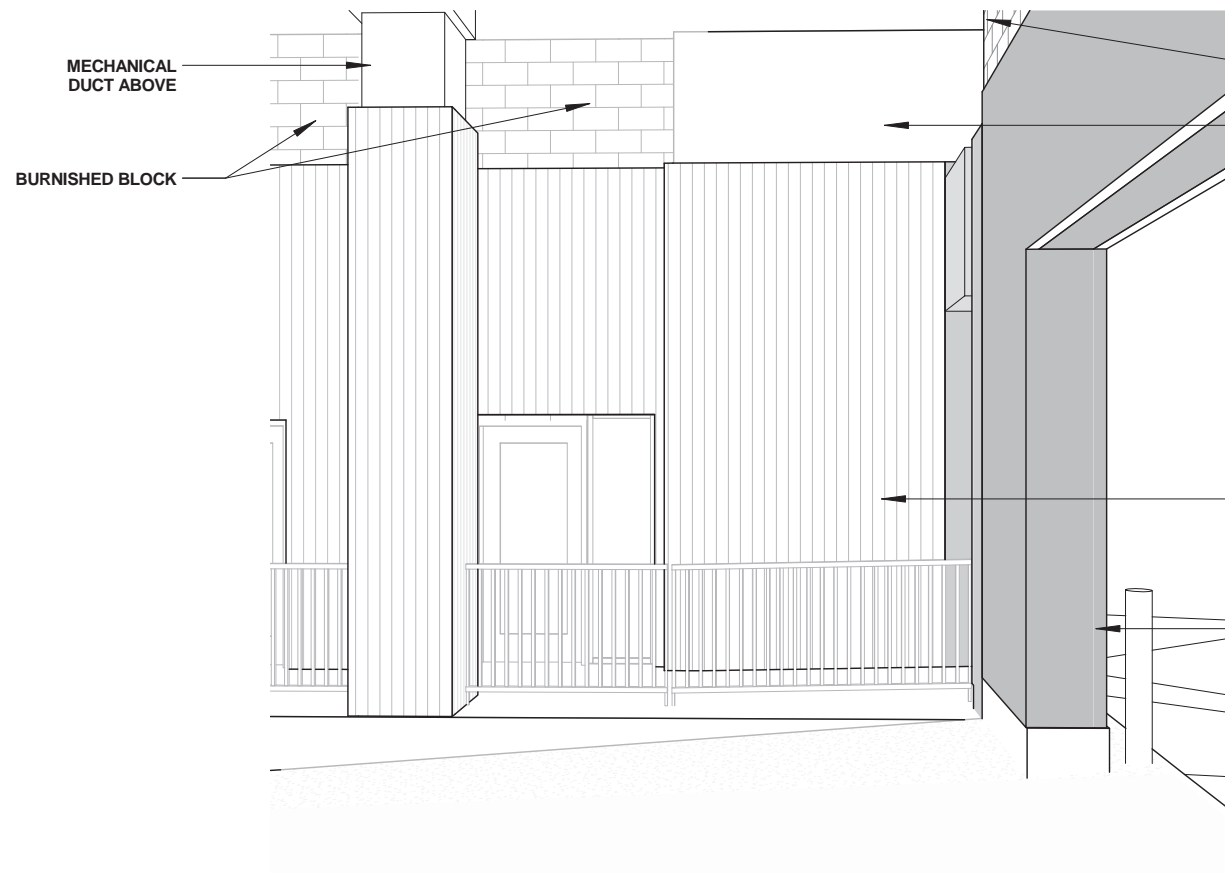
INSULATING VISION GLASS/ GRANITE & METAL CLAD COLUMN



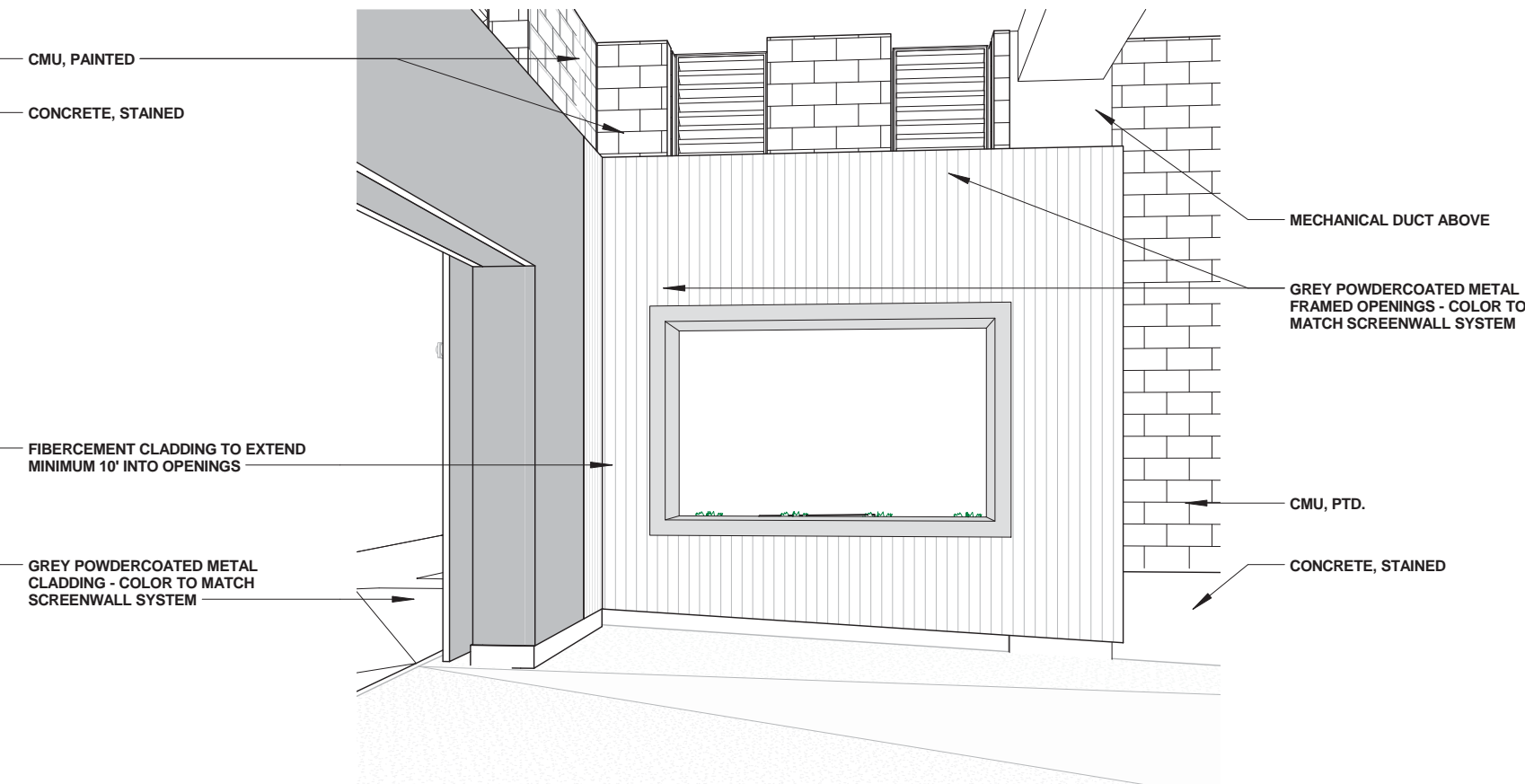
INSULATING VISION GLASS/ GRANITE AT SIDEWALK



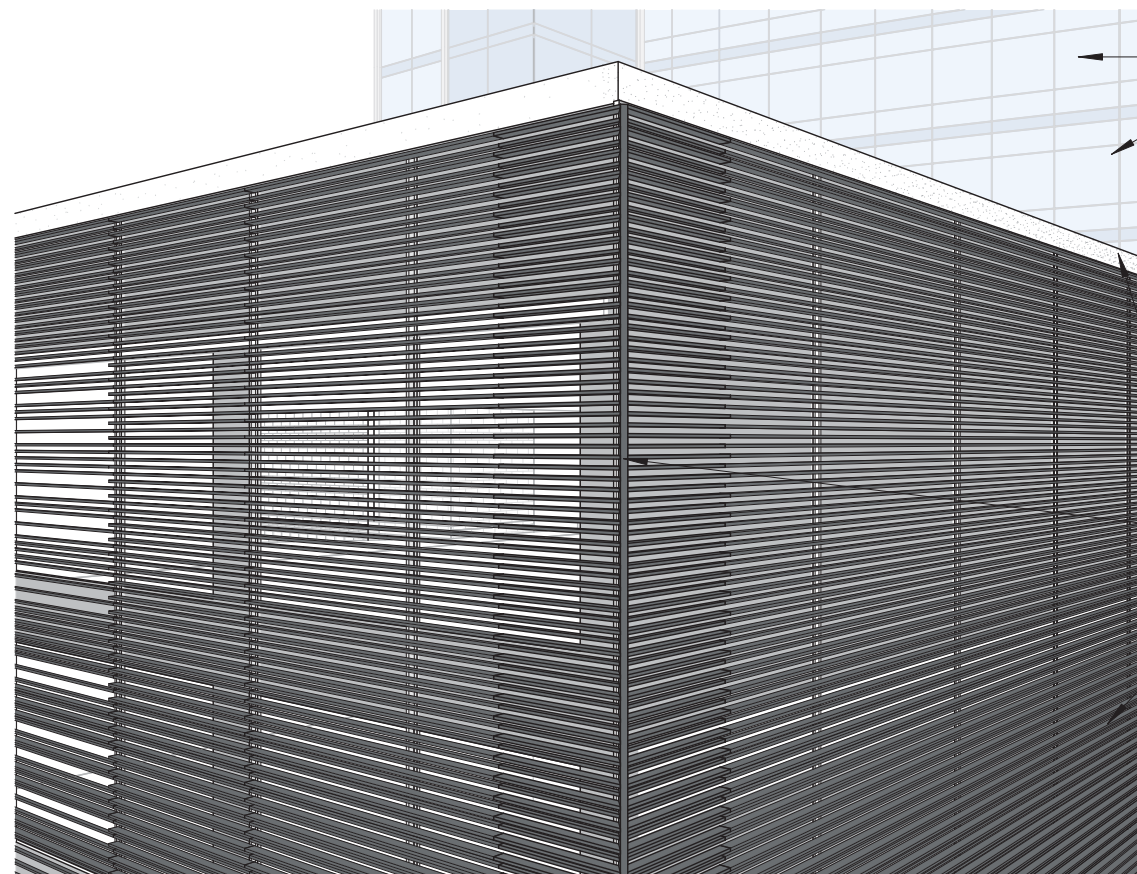
INSULATING VISION GLASS/ ALUMINUM TRIM/ GRANITE/ METAL SCREENING AT RETAIL ENTRY



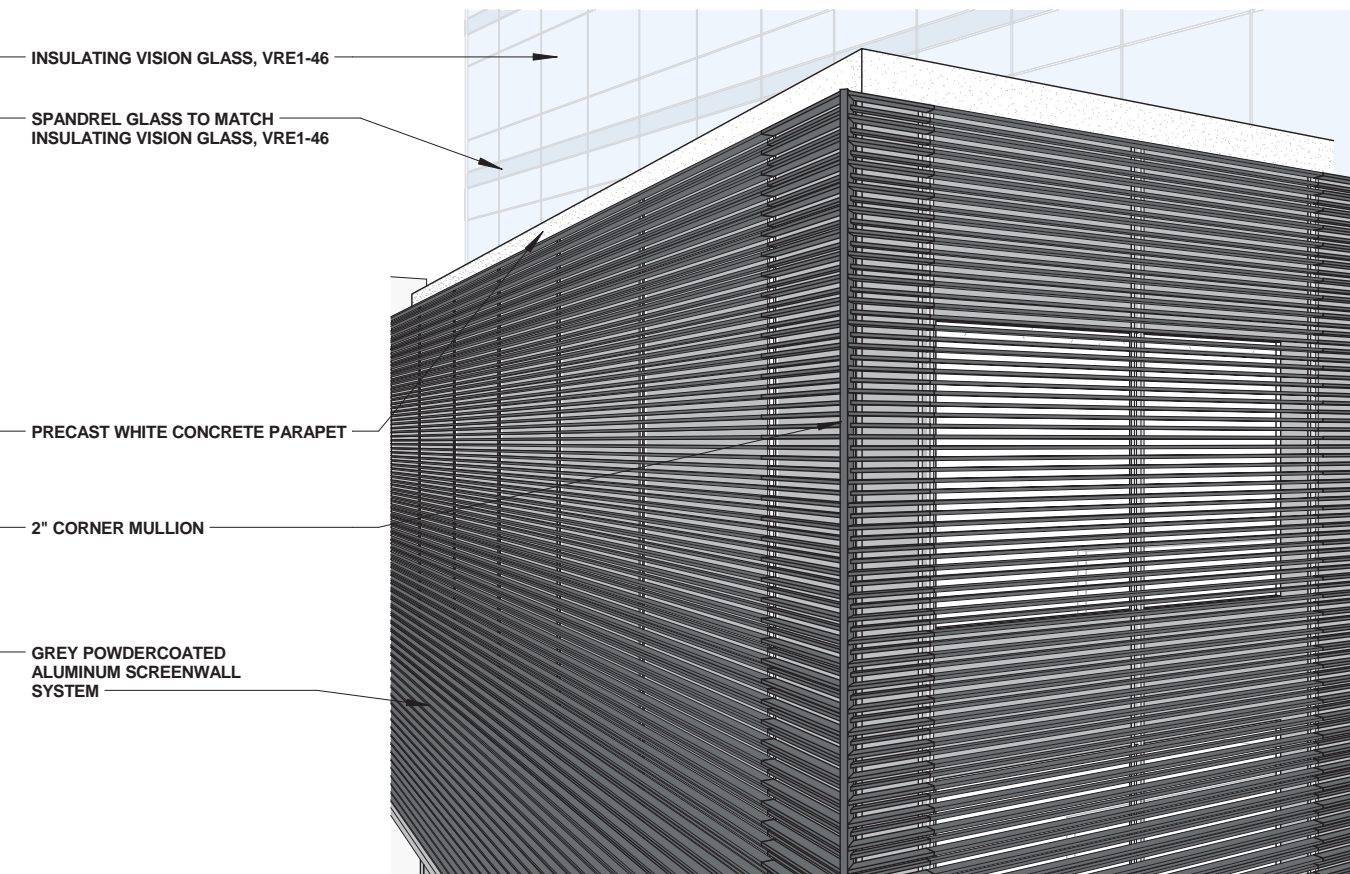
E. WILSON STREET GARAGE ENTRY INTERIOR - FACING PINCKNEY ST.



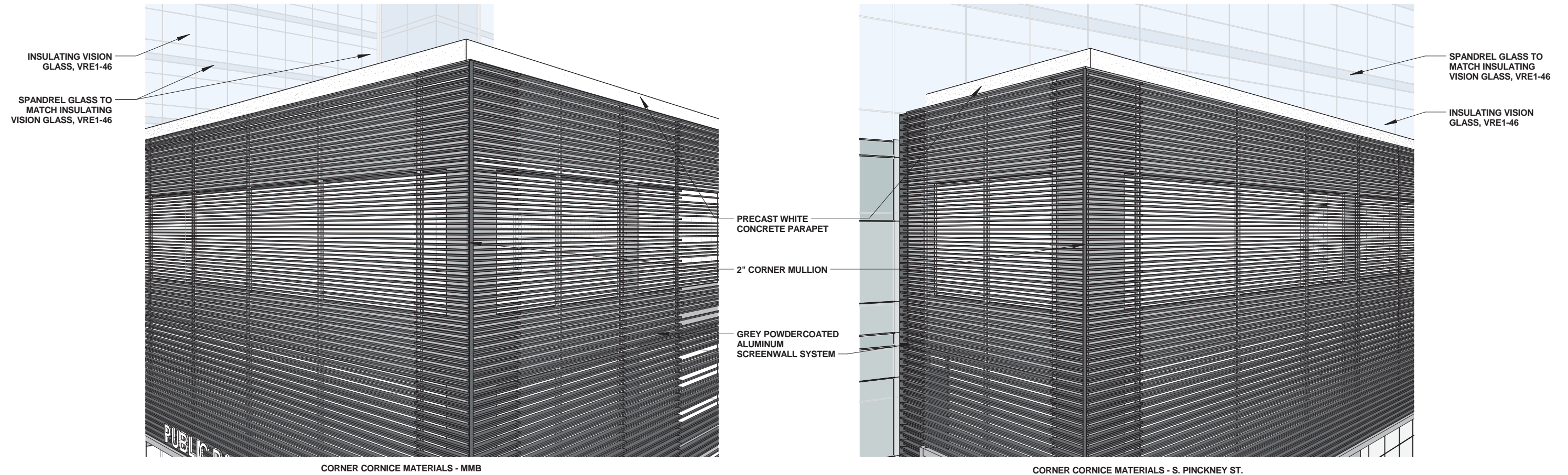
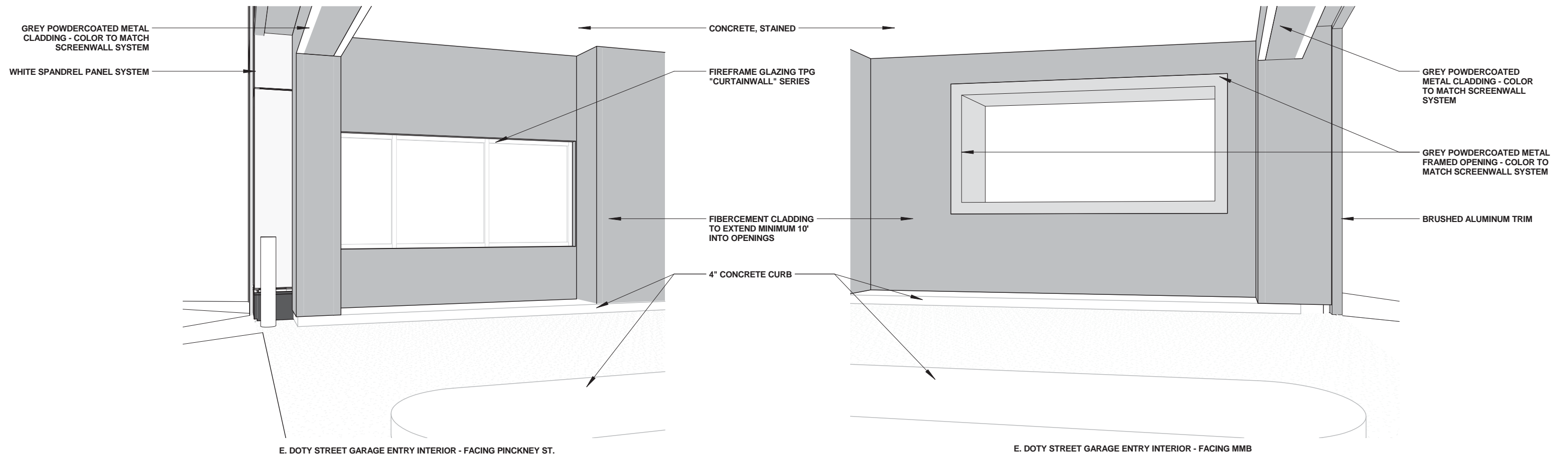
E. WILSON STREET GARAGE ENTRY INTERIOR - FACING MMB



CORNER CORNICE MATERIALS - MMB



CORNER CORNICE MATERIALS - S. PINCKNEY ST.





PERSPECTIVE -  
WILSON/PINCKNEY CORNER



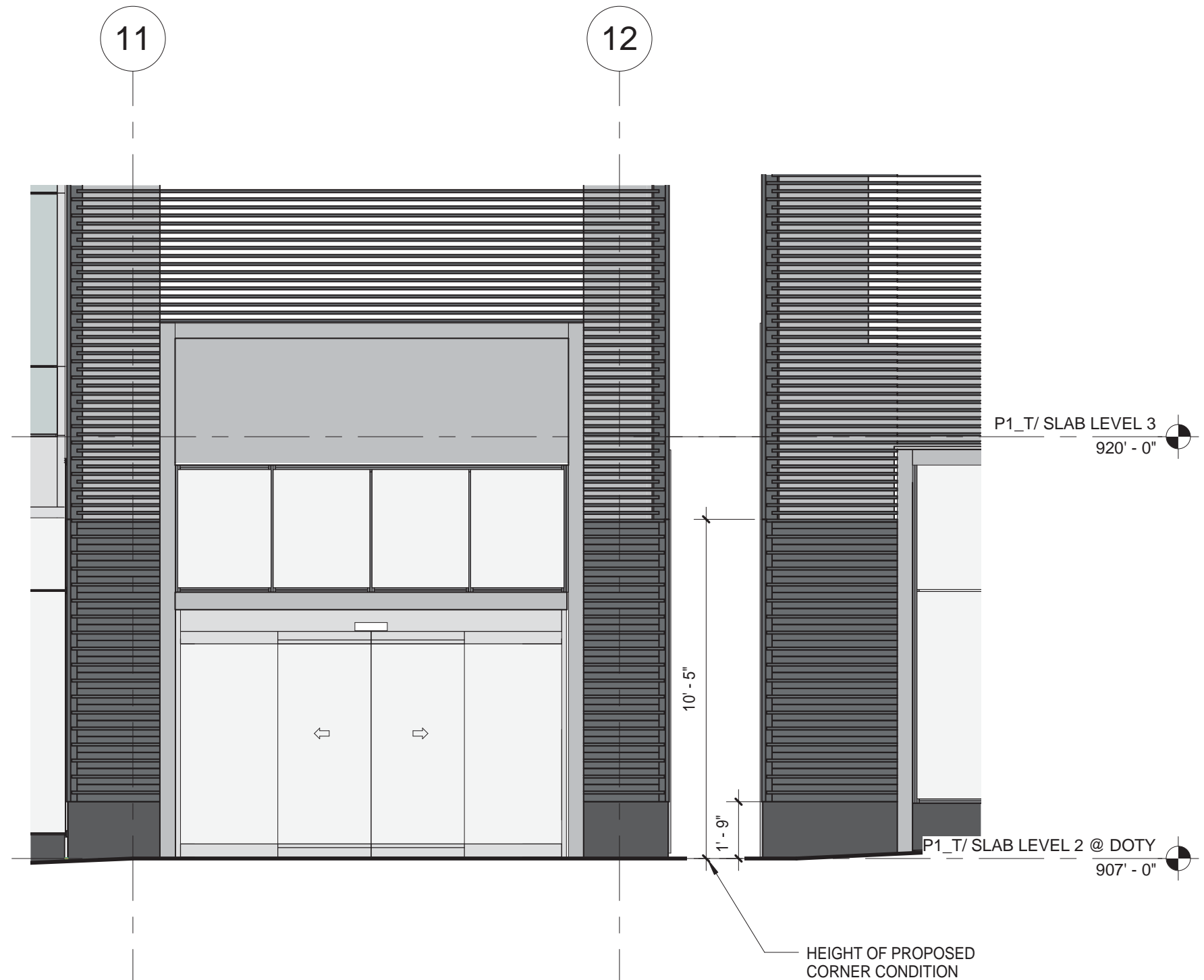
ELEVATION -  
WILSON STREET

ELEVATION -  
PINCKNEY STREET





PERSPECTIVE -  
DOTY/PINCKNEY CORNER



ELEVATION -  
PINCKNEY STREET

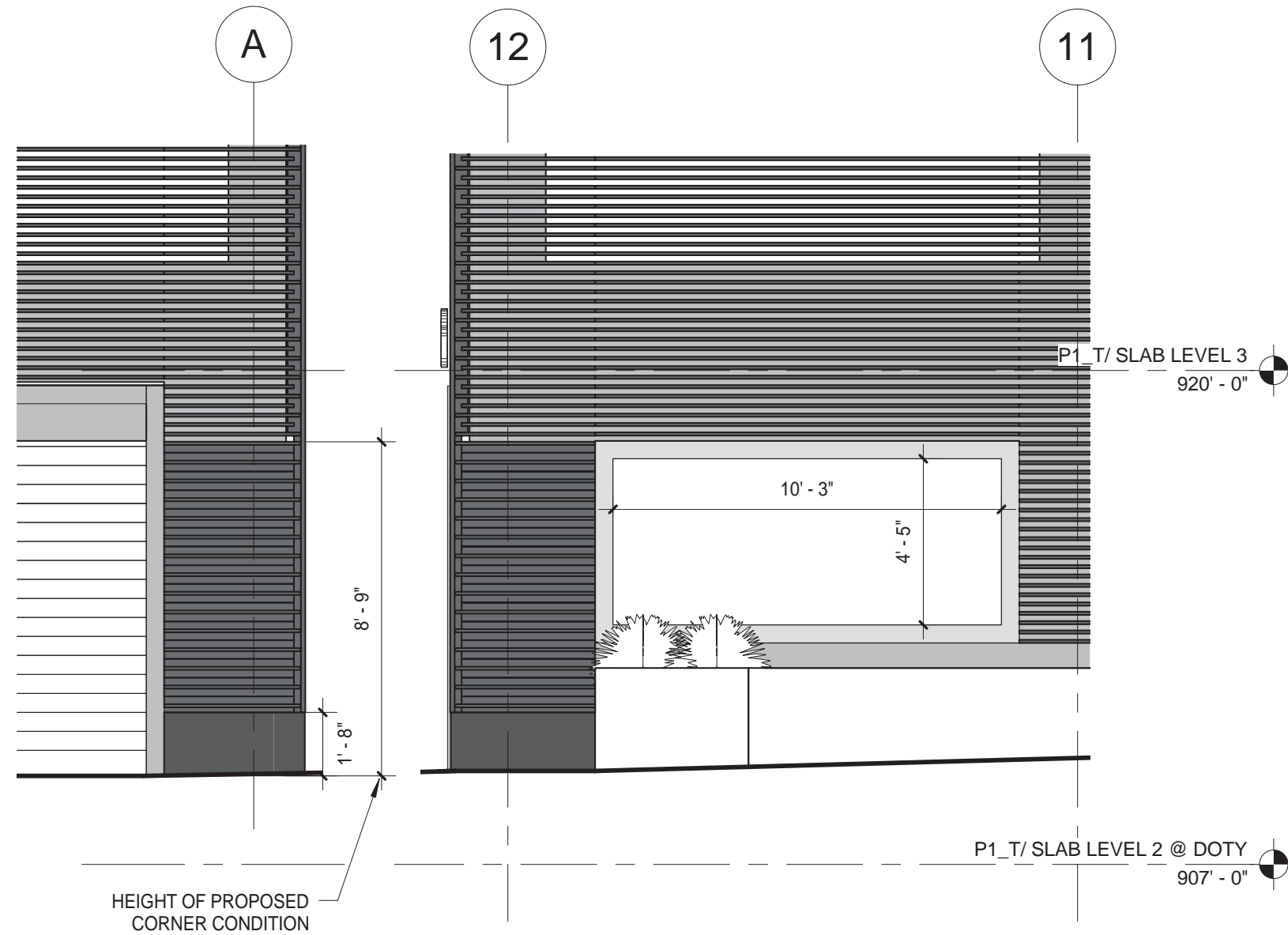
ELEVATION -  
DOTY STREET

DOTY / PINCKNEY CORNER

SCALE: 1/4" = 1'-0" 4-01-A.4

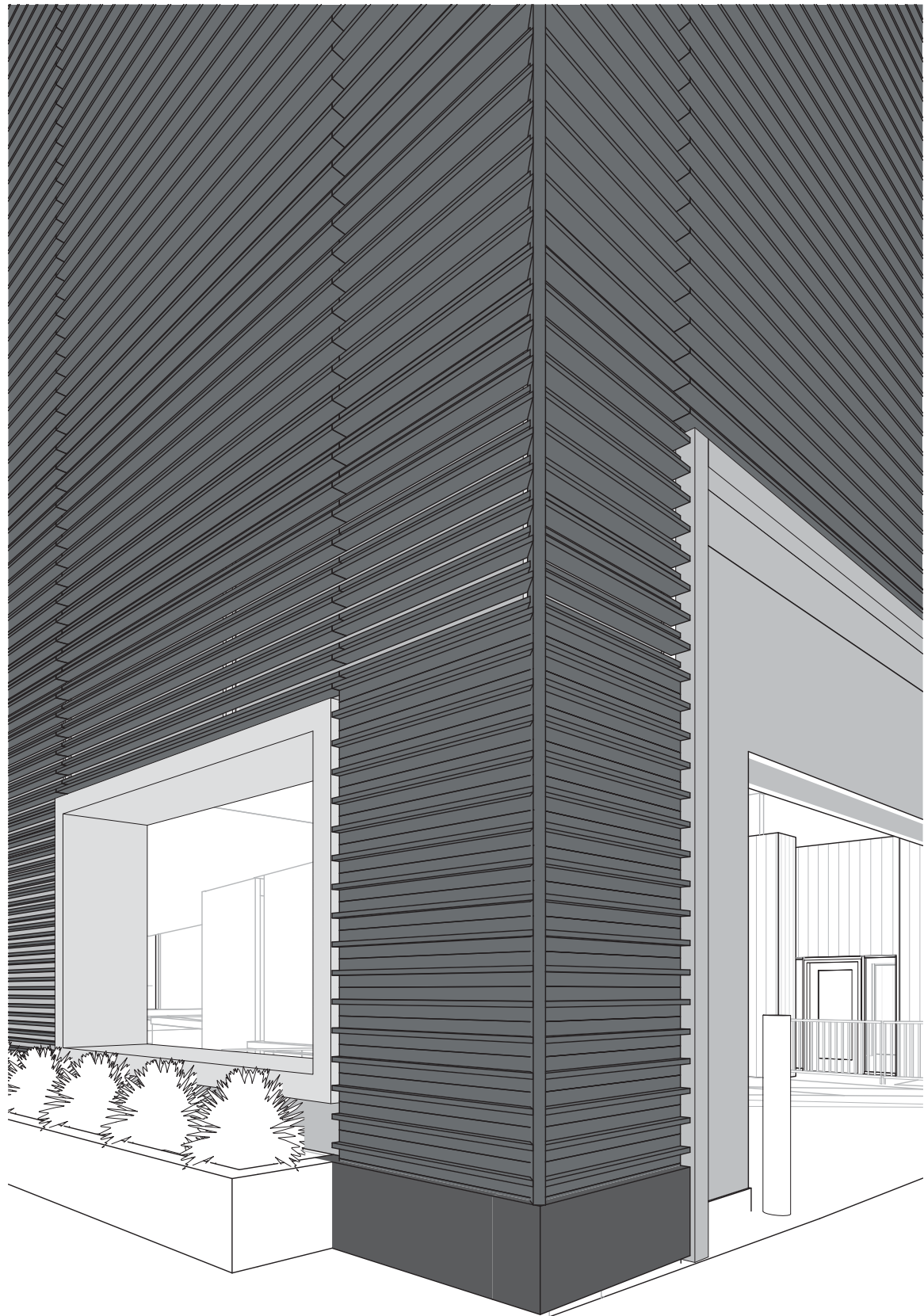


PERSPECTIVE -  
DOTY/MMB CORNER

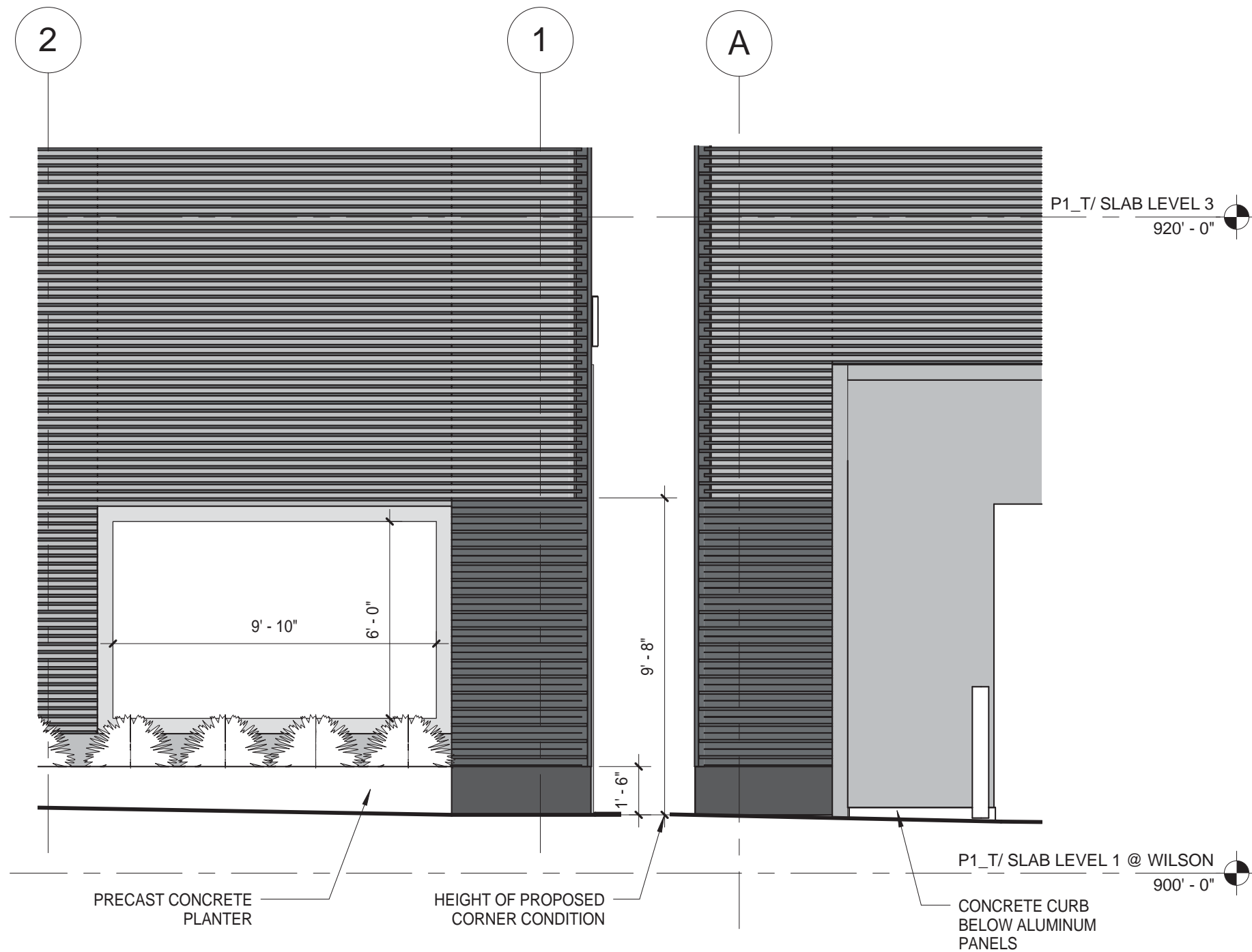


ELEVATION -  
DOTY STREET

ELEVATION -  
MMB

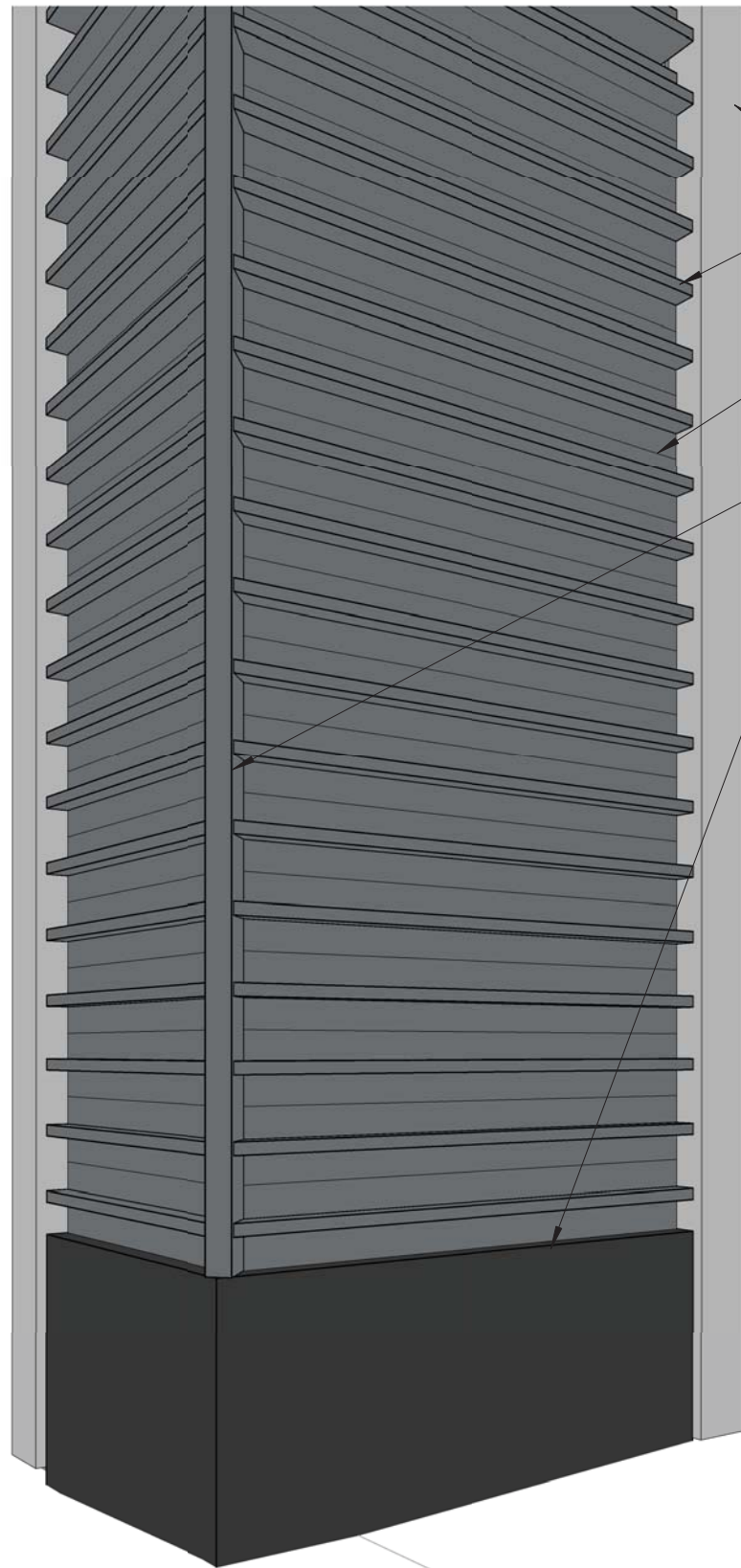


PERSPECTIVE -  
WILSON/MMB CORNER



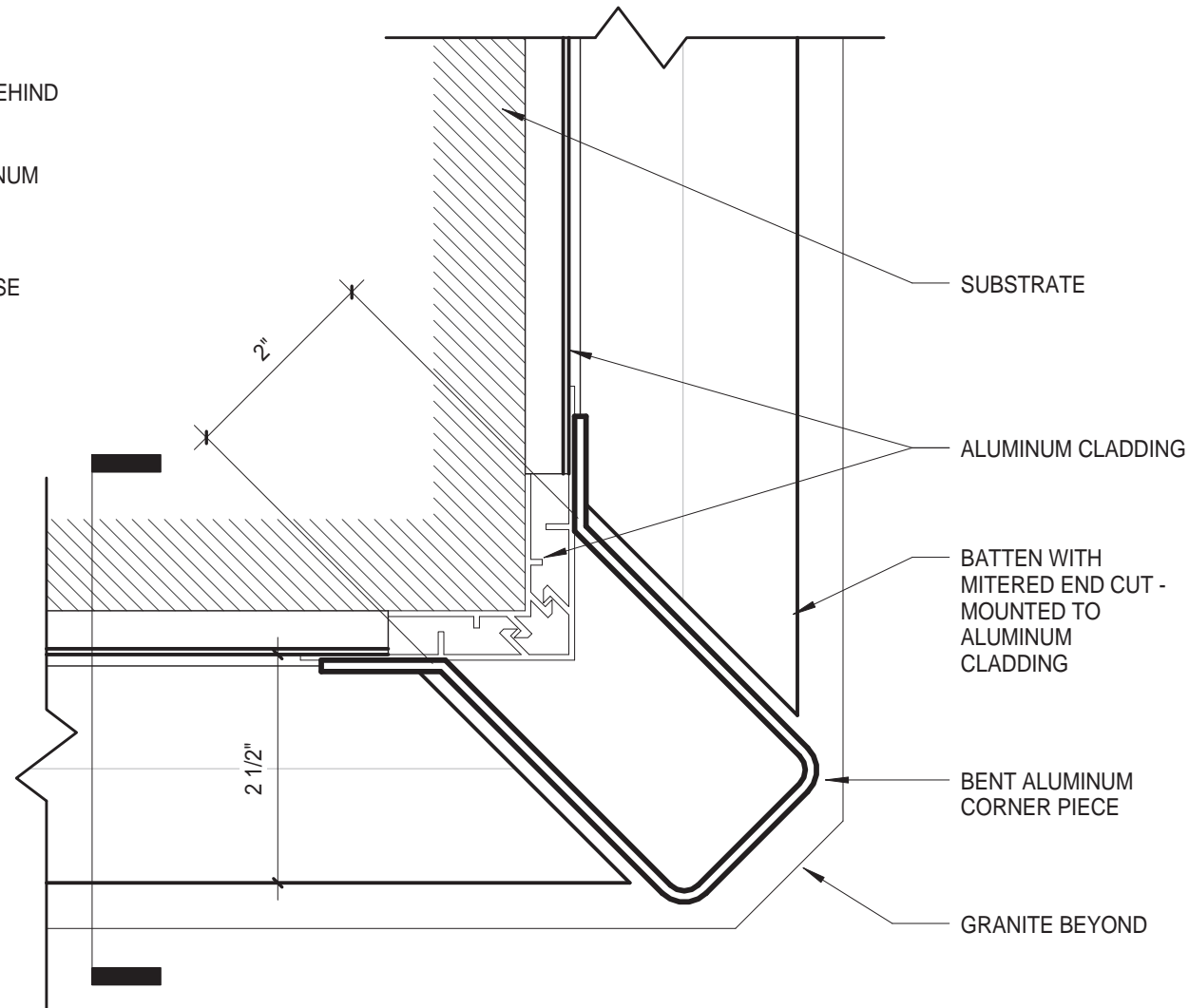
ELEVATION -  
MMB

ELEVATION -  
WILSON STREET

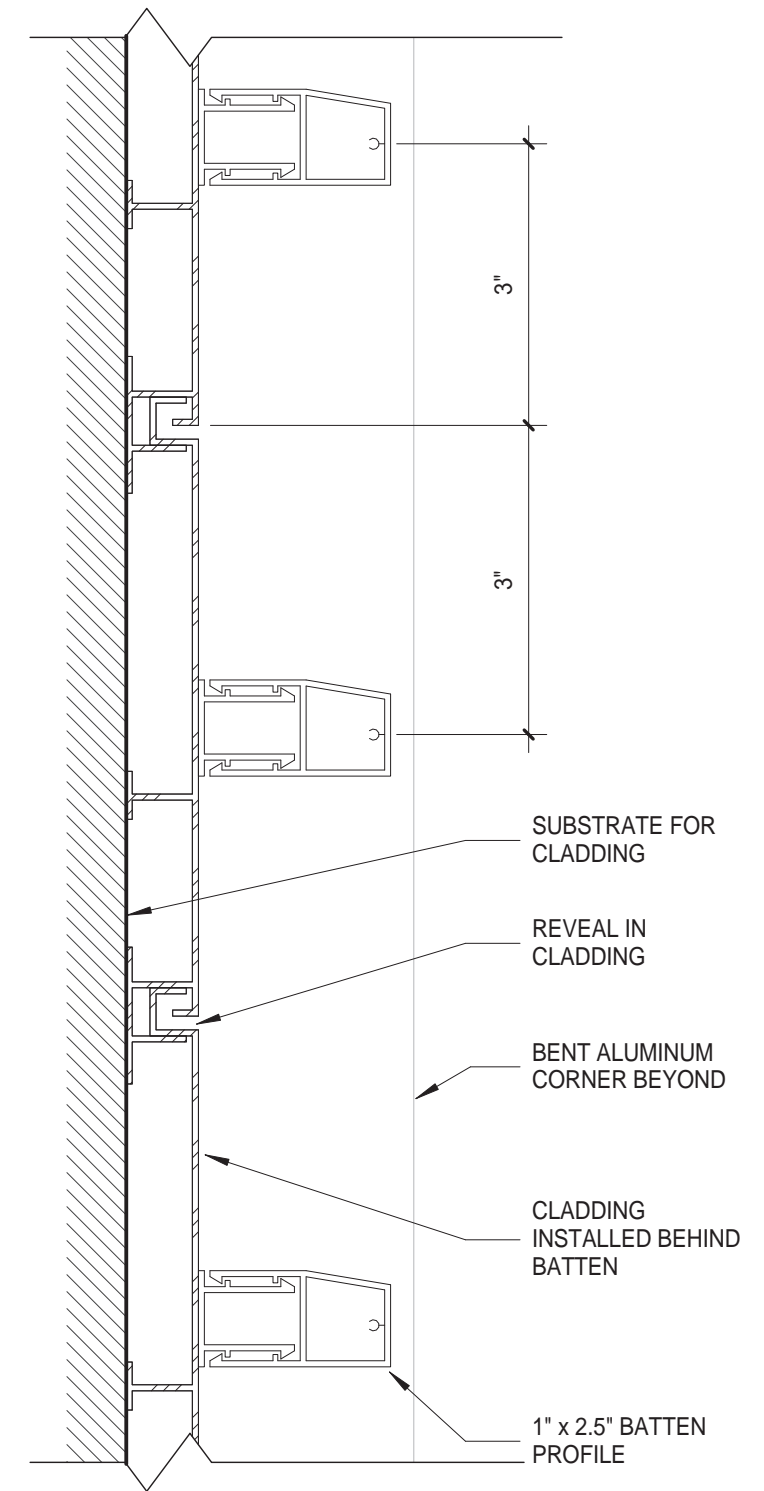


PERSPECTIVE -  
TYP BATTEN CORNER

- ALUMINUM TUBE FRAME
- 1" x 2.5" BATTEN
- ALUMINUM CLADDING BEHIND BATTEN
- BENT ALUMINUM CORNER
- GRANITE BASE



PLAN DETAIL -  
2" ALUMINUM CORNER



SECTION DETAIL -  
BATTEN AT GROUND LEVEL

HIGH PERFORMANCE LINE

# EXTREME® 1024 HIGH PERFORMANCE DOORS

Models EPD1024 and EPI1024 (insulated)



## ONE MILLION CYCLES FOR HIGH USE OPENINGS

### CONTINUOUS-DUTY DESIGN

Extreme 1024 High Performance Doors deliver a proven combination of steel door security, no annual maintenance requirements outside of routine checks, no need for replacement parts and an exceptional cycle life. Featuring our CycleShield™ finish and backed by a 5 year warranty, they offer reliable durability, environmental separation and ease of repair after impact.

### SPEED YOU CAN COUNT ON

Tested to perform for more than a million cycles at an opening speed of up to 24" per second, doors operate **three times faster** than standard coiling or overhead sectional doors.

### PROVEN RETURN ON INVESTMENT

1024 Doors provide the lowest lifetime cost and lowest cost-per-cycle versus other high-performance slatted products. Plus, their cost-per-cycle savings increase dramatically when compared to standard coiling doors often used incorrectly in high-cycle openings. 1024 Doors can also maximize energy savings by quickly sealing your building during inclement weather to minimize air exchange.

### PREFERRED APPLICATIONS

This door is a superior choice for high security needs and high-use applications (distribution, government, manufacturing, parking, transportation, etc.). Accepts virtually all activation systems.

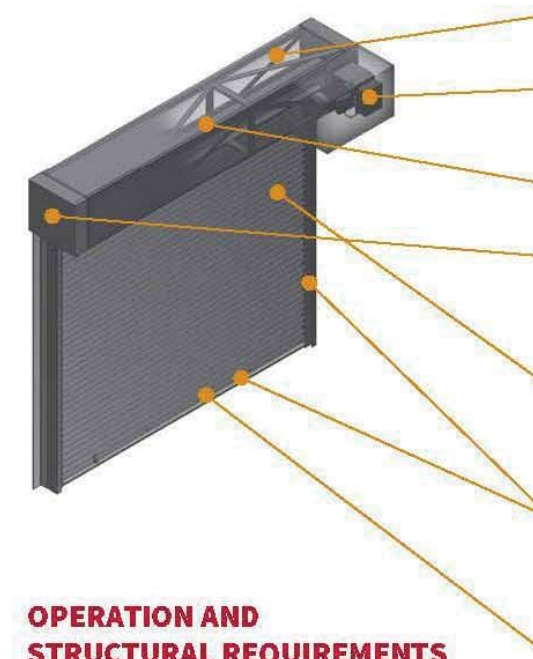
800.294.4358 | [cooksondoor.com](http://cooksondoor.com)  
CornellCookson, Inc. is an ISO 9001:2008 registered company



HIGH PERFORMANCE LINE **EXTREME® 1024 HIGH PERFORMANCE DOORS**

Models EPD1024 and EPI1024 (insulated)

## STANDARD COMPONENT MATERIALS AND FINISHES



- HOOD** - Galvanized steel with powder coat finish to match curtain. Encloses the curtain and provides weather resistance at the head of the door.
- MOTOR** - UL listed, SEW Eurodrive TEFC NEMA 4 variable-speed motor and patented, high-performance brake prevents curtain from free falling in the unlikely event of operator component failure.
- SPRINGLESS SHAFT** - Steel. Design reduces maintenance requirements and facilitates cycle capacity.
- BRACKETS/COIL BOX ASSEMBLY** - Steel plate brackets with dark bronze powder coat finish are part of the unitized coil box assembly with the curtain and barrel. Access hatch for ease of servicing. Drive and tension brackets both furnished with precision ball bearings.
- CURTAIN** - Galvanized steel with rust inhibiting CycleShield™ powder coat finish in Gray, Tan or White. Interlocking roll-formed slats with endlocks riveted to ends of alternate slats to maintain slat alignment and prevent wear. **MODEL EPI1024** - Features an insulated curtain.
- GUIDES** - Steel angles with powder coat finish to match curtain. Self-lubricating UHMW anti-wear strips greatly reduce friction and curtain wear. Perimeter-sealing, double brush weather strip. Features up to 10 PSF operational wind load and withstands up to 20 PSF as standard.
- BOTTOM BAR** - Two back to back structural steel angles with powder coat finish in Gray, Tan or White.

## OPERATION AND STRUCTURAL REQUIREMENTS

**Motor operation required.**  
All of our rolling products are supported by the guides. There is no additional support required unless hood supports are mandated by a larger opening width.

## OPTIONAL MATERIALS AND FINISHES

- ▶ **Stainless steel - 300 series in #4 finish**
- ▶ **SpectraShield® Powder Coating** in more than 180 colors
- ▶ **Hot-dip galvanizing** on steel components
- ▶ **Zinc-enriched, corrosion-resistant powder coating** in Gray

## UNIQUE FEATURES

- 1024 DRIVE AND CONTROL SYSTEM** - Control panel features wall-mounted starter. PLC controller with variable-frequency drive featuring soft-start and soft-stop at both ends of limit travel. NEMA4 rated for harsh weather environments.
- MONITORED PROTECTION, EVEN AT HIGH SPEEDS** - UL 325-2010 (NEMA 4X) compliant photo eye sensors allow for momentary contact operation, useful in parking garages and other high-use openings. Interruption of the photo eye beam before the door fully closes causes the door to immediately halt downward travel and reverse direction to return to the fully open position.
- SAFETYGARD™ LIGHT CURTAIN TECHNOLOGY** - Built into the guide assembly and extends approximately over 6' high from the finished floor on both sides, detects traffic through opening. If the door is cycling and an object passes through the curtain beams, the door will automatically reverse to the open position.



## CUSTOM-DESIGNED SOLUTIONS

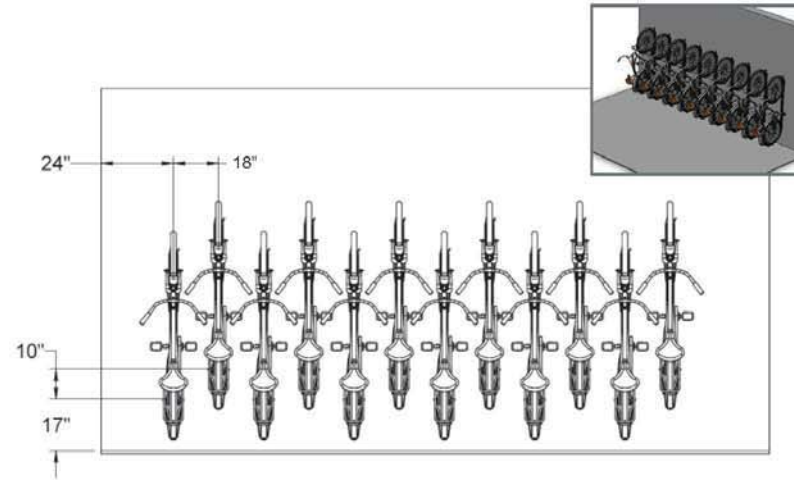
Our experienced Architectural Design Support Team can customize our products to fit your specific application. Call 800.294.4358 ext. 1280 or email [ads@cooksondoor.com](mailto:ads@cooksondoor.com).

800.294.4358 | [cooksondoor.com](http://cooksondoor.com)  
CornellCookson, Inc. is an ISO 9001:2008 registered company



# Bike Tracs

## Recommended Spacing



## Product Details

- Wide wheel track accepts all bikes
- Full length tray keeps bike in place and protects wall surface
- Two locking mechanism options available



Bike Tracs as manufactured by Saris

Product Information



1 bike per trac



Powder coat black only



Recommended anchor: #6264



At 18" Spacing, stagger Tracs 10"  
At 21" Spacing, Tracs can be installed at the same height.

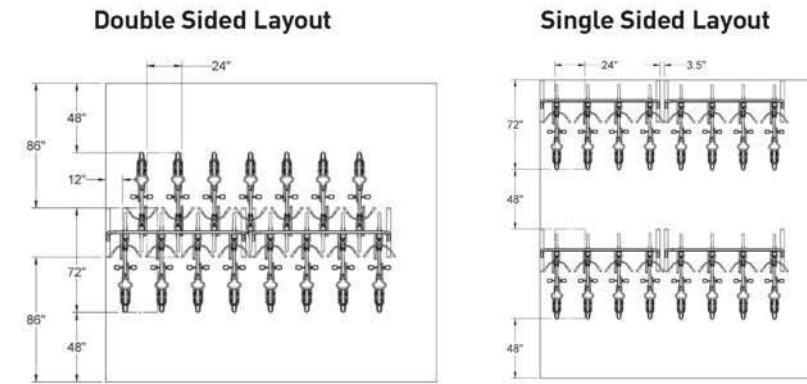


80" minimum ceiling height

Anchors must be purchased separately

# City Rack

## Recommended Spacing



## Product Details

- Single and double sided options available
- High security, full square tube construction
- Easy access for maintenance and street cleaning
- Two points of contact between bike frame and wheel
- Modern look; coordinates with Post & Ring



City Rack as manufactured by Saris

Product Information



3-11 bikes per rack



2", 7 gauge square tube main frame  
1.5" x 1", 11 gauge square tube hangers



Powder Coat Galvanized Thermoplastic



Can be freestanding or use recommended anchor: #6259 for concrete installation #6267 for asphalt installation



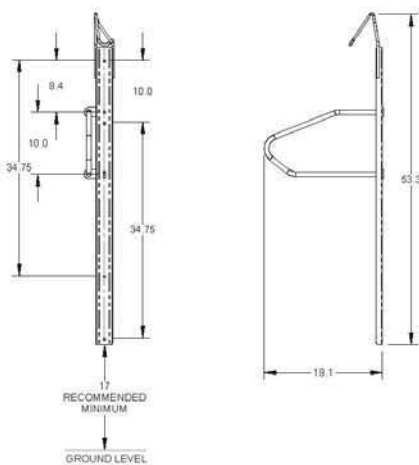
48" recommended aisle ways

Anchors must be purchased separately

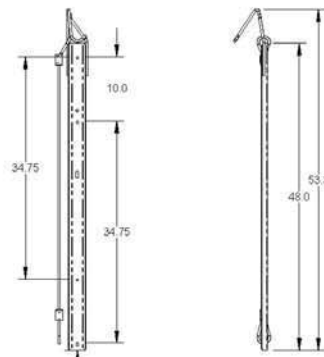


Standard Colors

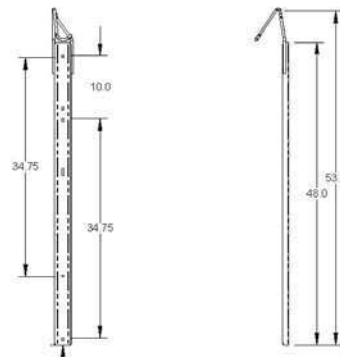
6006



6003C



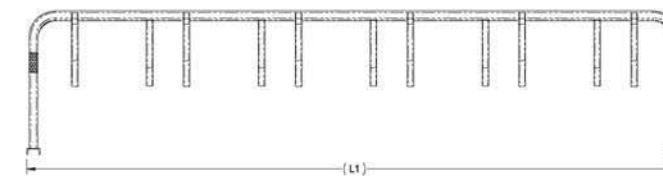
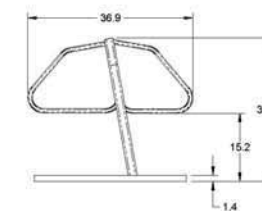
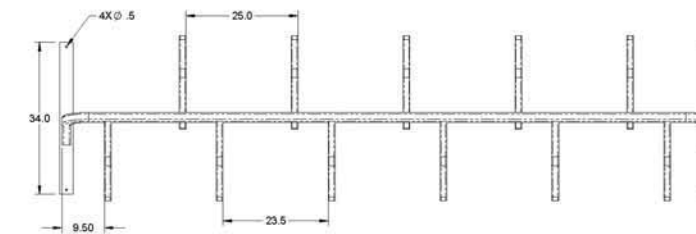
6003T



Downloadable product resources available online:



Saris Bicycle Parking & Storage Solutions 800.783.7257 www.sarisparking.com



Downloadable product resources available online:



Saris Bicycle Parking & Storage Solutions 800.783.7257 www.sarisparking.com

# RING<sup>®</sup>


Product Data Sheet



A simple circle hovering above ground, provides an artful solution for bicycle storage and security that meets Association of Pedestrian and Bicycle and Professionals (APBF) recommendations. Ring must be embedded. Ring can secure two bicycles parked parallel to the rack. The bicycles can be headed in opposite directions, or in the same direction. The rack provides two- point contact to prevent the bicycle from tipping over. A standard D-shaped bike lock can secure both a wheel and the frame.

### Bike Rack

- Capacity: 2 bikes
- Bike racks made of 1.5" o.d., .120" wall stainless steel tubing, with a electropolish finish on bare stainless steel.
- Ring is also available in powdercoated steel.
- Ring must be embedded.
- Ring can secure two bicycles parked parallel to the rack.
- The bicycles can be headed in opposite directions, or in the same direction. The rack provides two- point contact to prevent the bicycle from tipping over.
- A standard D-shaped bike lock can secure both a wheel and the frame.

	STYLE	DEPTH	WIDTH	HEIGHT	PRODUCT WEIGHT
	Ring	1.5"	25"	27"	13 lb.

### Finishes

- All metal parts are finished with Landscape Forms' proprietary Pangard II<sup>®</sup> polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling and fading.
- Call for standard color chart: **Stainless Steel, Satin Finish**

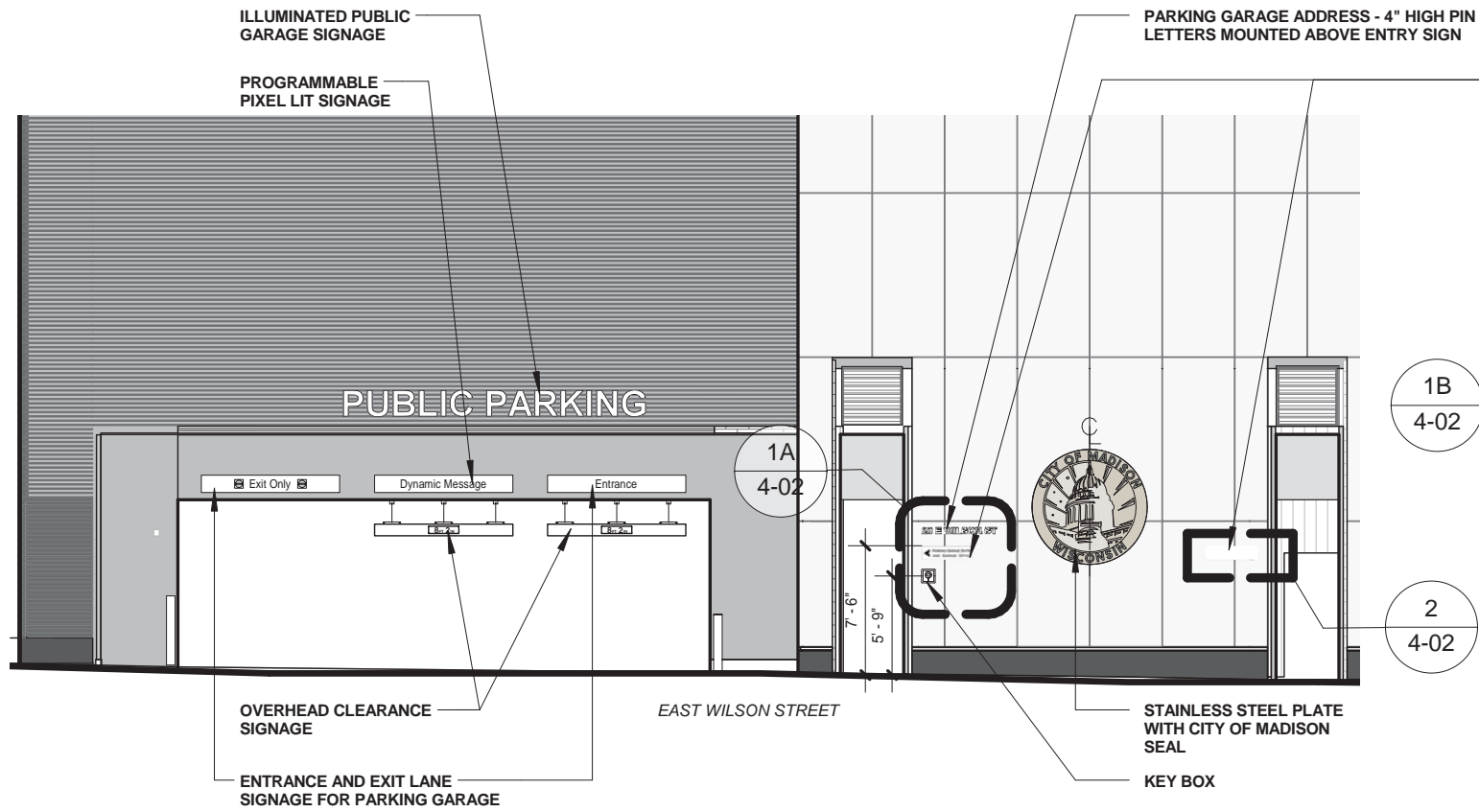
### To Specify

- Select bike rack style. Specify powdercoat color or stainless steel.

**Designed by Brian Kane, IDSA**  
 All Landscape Forms bike racks meet guidelines established by the Association of Pedestrian and Bicycle Professionals.

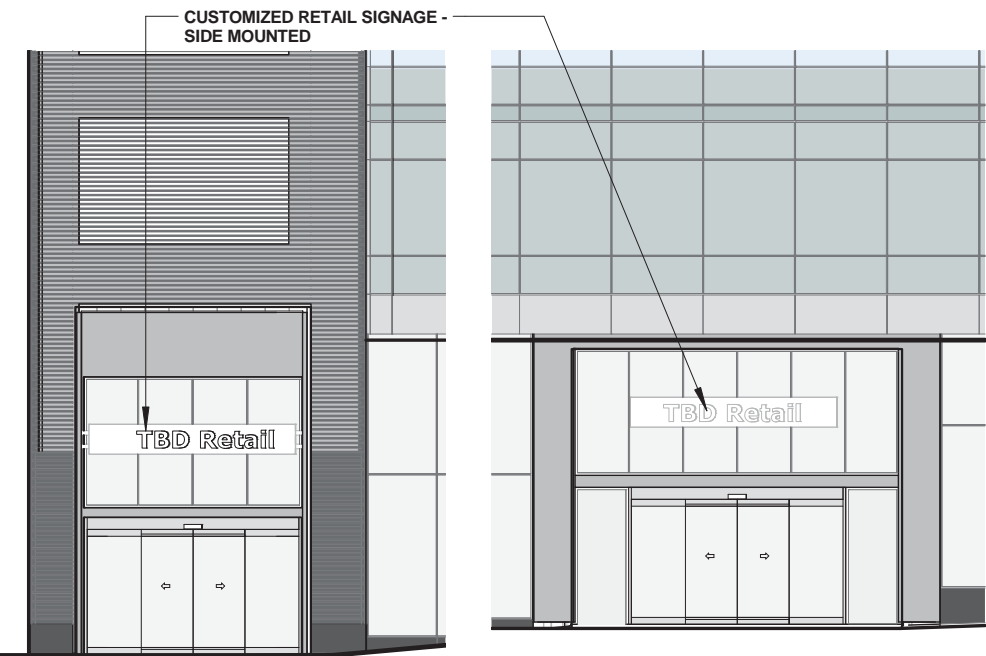
Visit our [landscapeforms.com](http://landscapeforms.com) for more information. Specifications are subject to change without notice.  
 Landscape Forms supports the Landscape Architecture Foundation at the Second Century level.  
 ©2016 Landscape Forms, Inc. Printed in U.S.A.

Landscape Forms, Inc. | 800.521.2546 | F 269.381.3455 | 7800 E. Michigan Ave., Kalamazoo, MI 49048



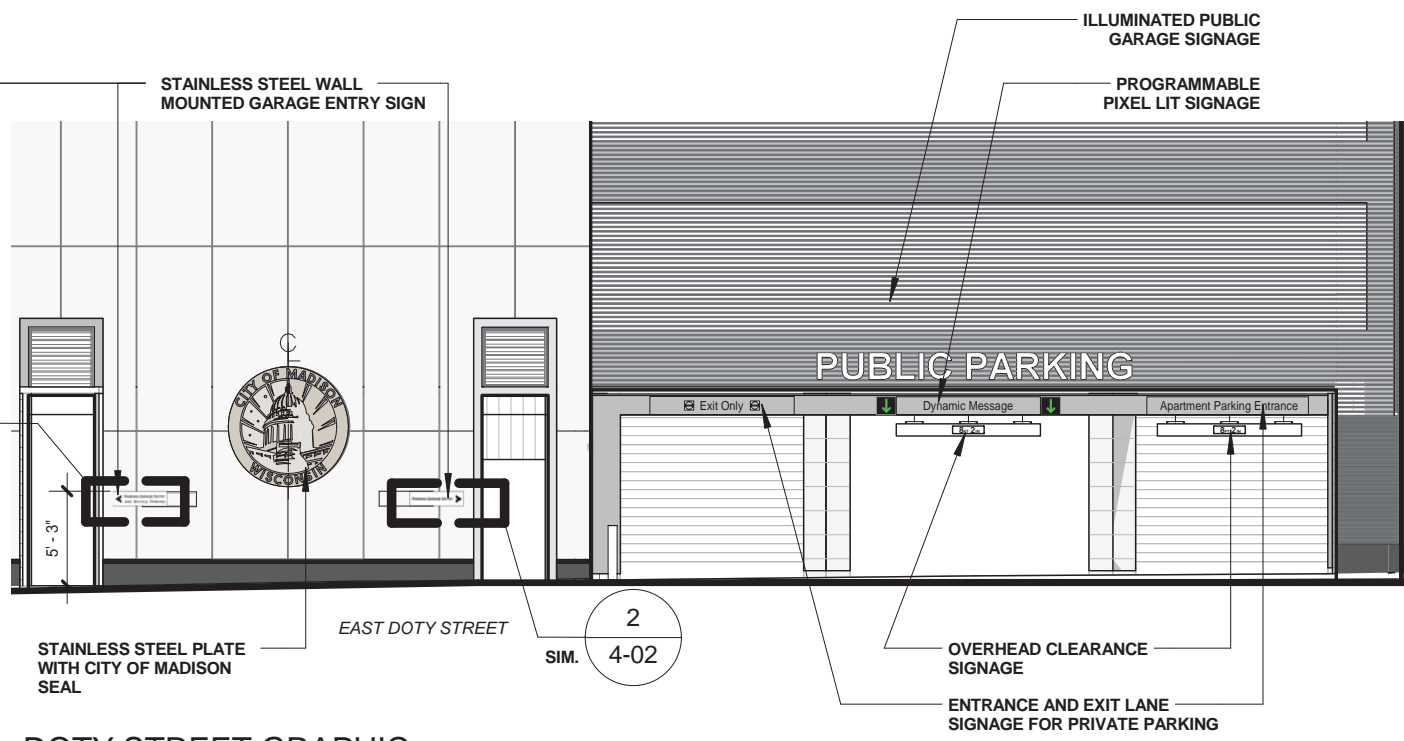
**WILSON STREET GRAPHIC SIGNAGE**

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



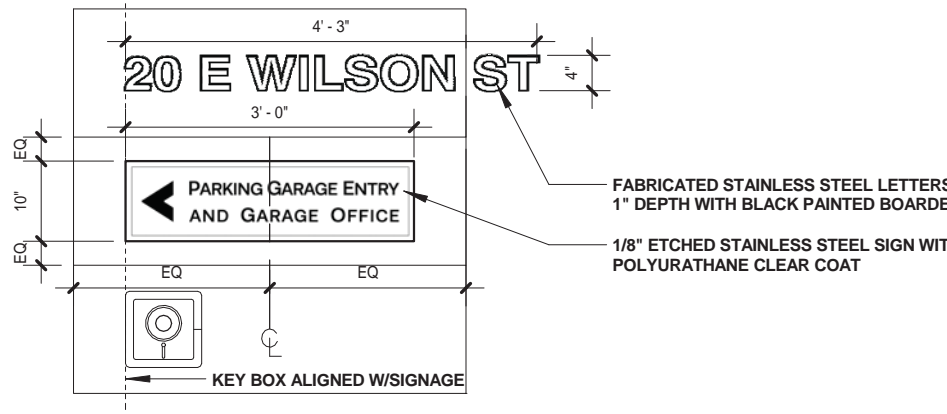
**PINCKNEY STREET GRAPHIC SIGNAGE**

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



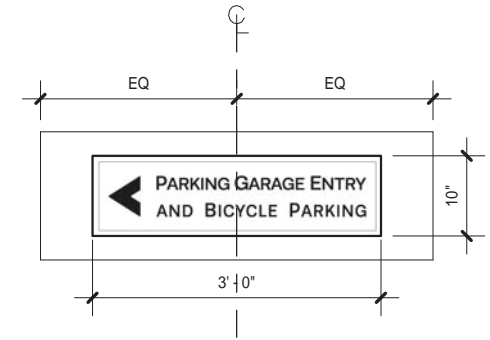
**DOTY STREET GRAPHIC SIGNAGE**

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



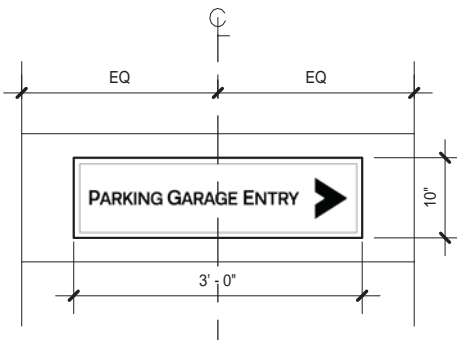
**1A - Garage Entry Signage**

SCALE: 1/2" = 1'-0"



**1B - Garage Entry Signage**

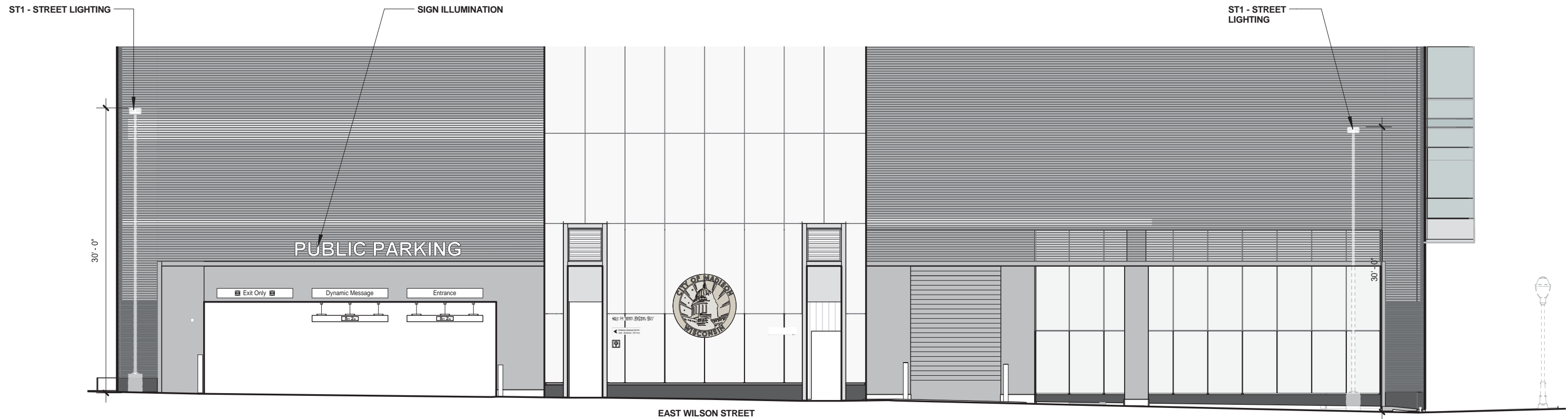
SCALE: 1/2" = 1'-0"



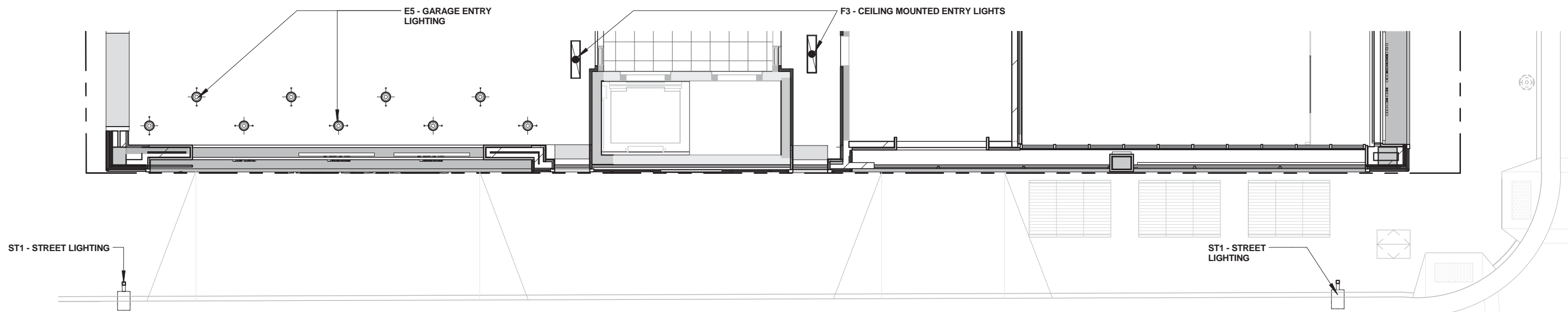
**2 - Garage Entry Signage**

SCALE: 1/2" = 1'-0"





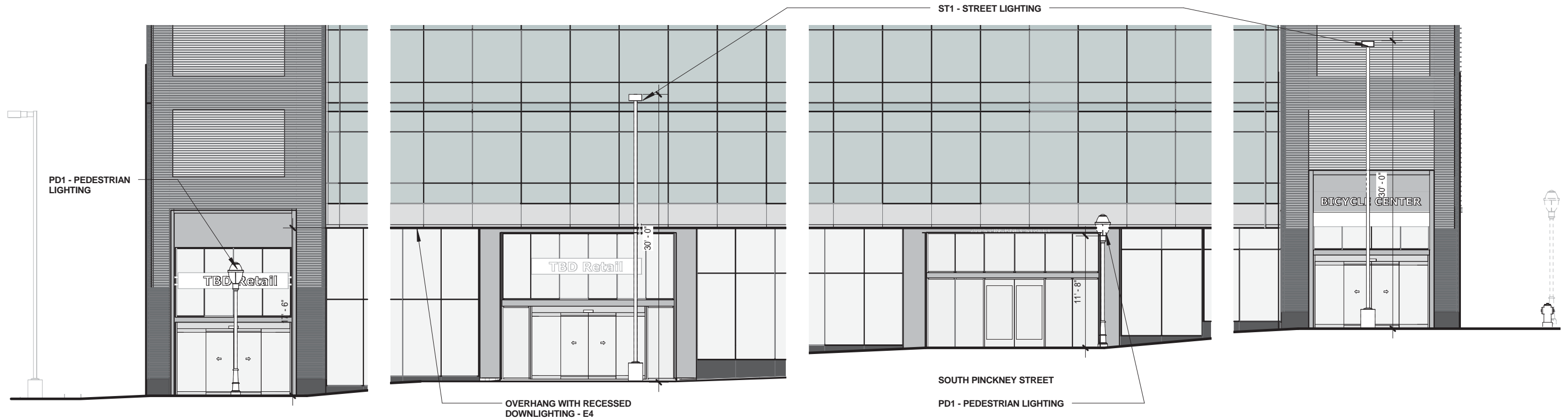
WILSON STREET LIGHTING ELEVATION



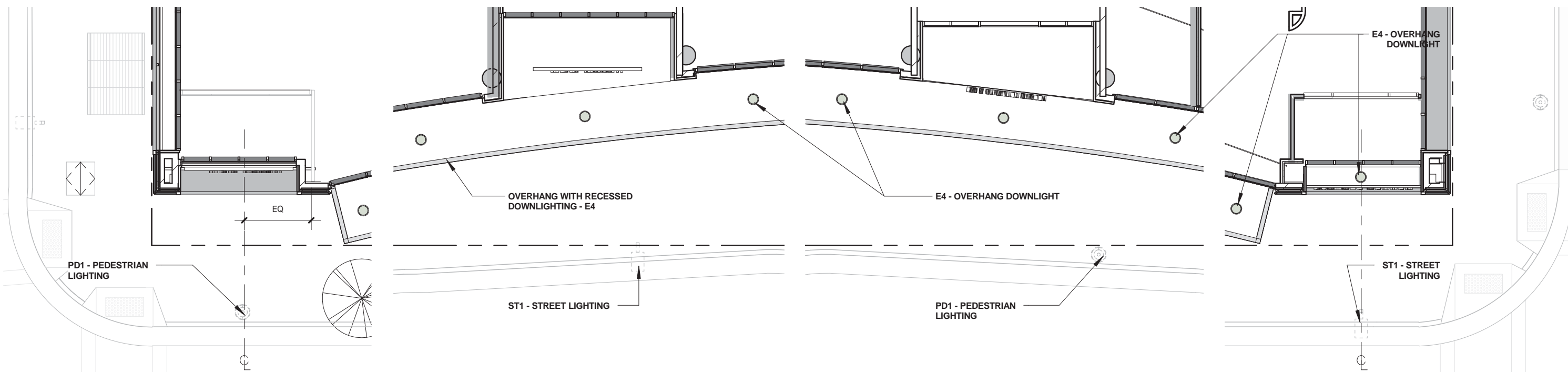
WILSON STREET REFLECTED CEILING PLAN

**NOTE: STREET LIGHTS LOCATED PER TRAFFIC ENGINEERING**





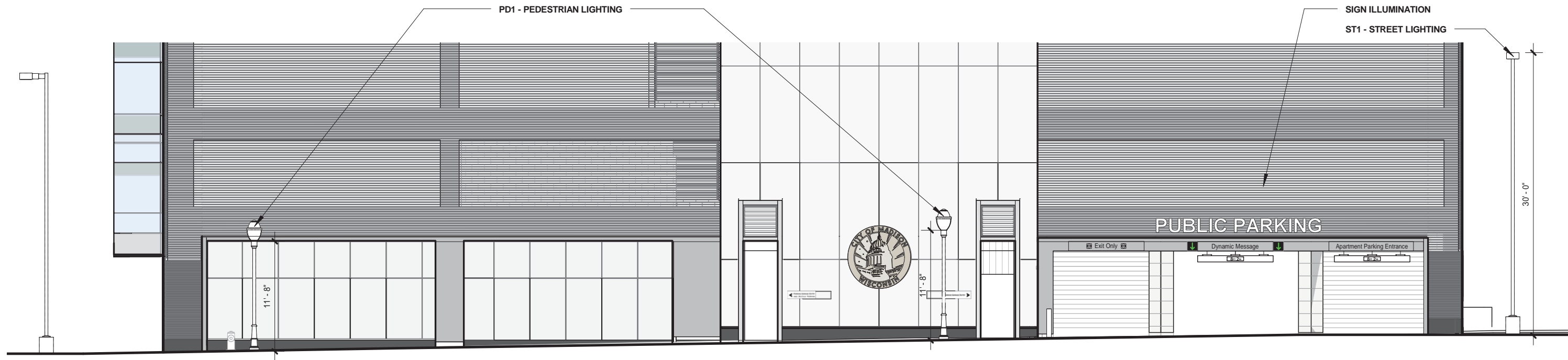
PINCKNEY STREET LIGHTING ELEVATION



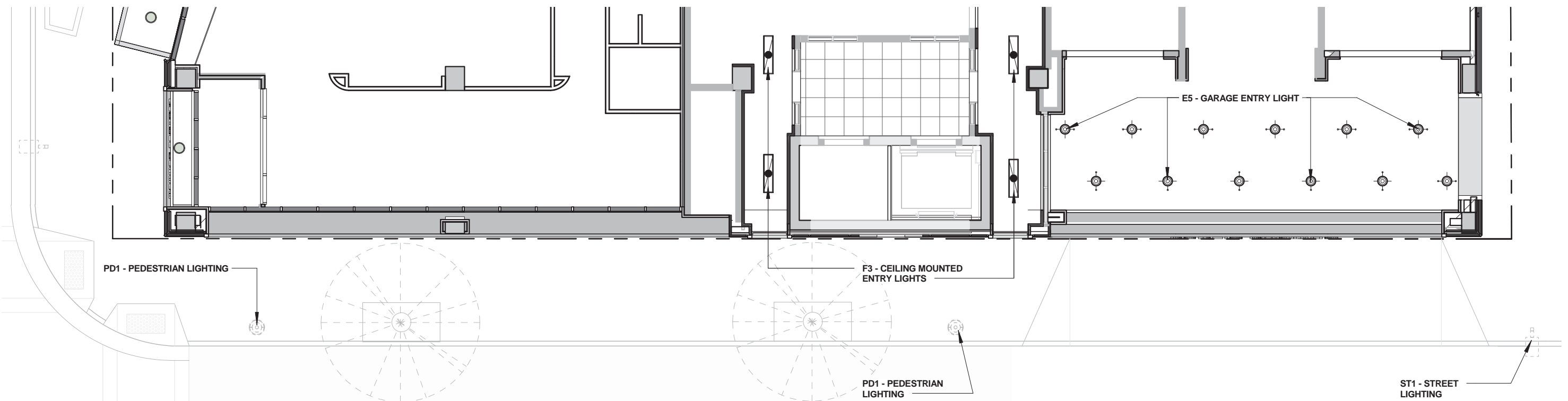
PINCKNEY STREET REFLECTED CEILING PLAN

NOTE: STREET LIGHTS LOCATED PER TRAFFIC ENGINEERING





DOTY STREET LIGHTING ELEVATION



DOTY STREET REFLECTED CEILING PLAN

**NOTE: STREET LIGHTS LOCATED PER TRAFFIC ENGINEERING**



# E1 - FOUNTAIN LIGHTING



**LTV8SS**  
Lightvault® 8 Stainless Steel  
kl\_ltv8ss\_spec.pdf

JOB \_\_\_\_\_ TYPE \_\_\_\_\_  
NOTES \_\_\_\_\_ APPROVALS \_\_\_\_\_

### FEATURES

- Sealed IP68 LED light engine
- Bluetooth connectivity for remote control aiming and dimming
- Free Mobile App for Android and IOS
- Easy to install and pair devices
- Advanced thermal management provides long life in excess of 100,000+ hours
- Runs cool to the touch - less than 40°C

### Certifications



### SPECIFICATIONS

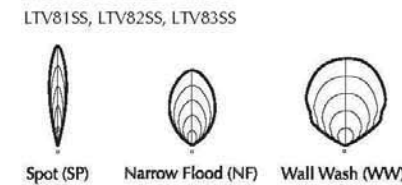
Pour Box rough-in housing ships separately and as a quick-ship if requested.



### DEBRIS SHIELDS



### LIGHT DISTRIBUTIONS:



### ORDERING CODE

Fixture Size	Distribution*	Source	Electrical Module	Lens Options <sup>1</sup>	Rebar Cage Anchor
LTV81SS	SP, NF, WW	36L 36 LEDs	Color Temperature: 3K 3000K, 4K 4000K, 5K 5000K; Voltages: UV 120-277V	SR Slip-Resistant Lens; PL Prismatic Lens	RCA81 for LTV81, RCA82 for LTV82, RCA83 for LTV83
LTV82SS	SP, NF	18L 18 LEDs			
LTV82SS	WW	16L 16 LEDs			
LTV83SS	SP, NF, WW	12L 12 LEDs			

\* SP = Spot, NF = Narrow Flood, WW = Wall Wash

Kim Lighting reserves the right to change specifications without notice.

© 2016 KIM LIGHTING | 16555 East Gale Ave | City of Industry | CA 91745  
P 626.968.5666 | F 626.369.2695 | www.kimlighting.com | Rev. Aug. 6, 2016



| 1 |

# E2 - BOLLARDS



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

### FCB460

Exterior 316 stainless steel bollard.



### ORDERING

EXAMPLE: FCB460-120V-4K-2000-SS-D

SERIES	VOLTAGE	SOURCE/TEMPERATURE/LAMP	FINISH	ACCESSORIES
FCB460	120V	PL 26T 32T	SS Stainless Steel	D Dimming 0-10V
	277V	HID 50W MH 70W MH		LD LED Dim 0-10V
	347V <sup>Δ</sup>	100W MH		PE Photo Eye
		LED 3K 500 Lumens (35W)		
		35K		
		4K		

<sup>Δ</sup>contact factory

### SPECIFICATION

#### MOUNTING

- A thick die-cast base plate is provided and anchored through with a set of three 12" length x 3/8" diameter hot dipped anchor bolts. Heavy gauge base bracketing for bollard installation.
- Installation:** <http://tinyurl.com/jthbvwv>

#### CONSTRUCTION

- Marine grade 316 stainless steel housing.
- Impact resistant, UV stabilized, clear, polycarbonate diffuser.
- Neoprene continuous closed cell gasket to seal out contaminants. Captive and recessed stainless steel, tamper resistant hex socket screws.

#### LED

- Lumens stated are the minimum delivered out of the luminaire. LED lifetime is greater than or equal to 70,000 hours with the lumen depreciation greater than L70. All of our luminaires are LM-80 tested and are ≥ CRI80, with a 4-step MacAdam Ellipse color consistency. Integral power supply standard. Input voltage 120V or 277V standard.

#### FINISH

- Brushed stainless steel finish.

#### ELECTRICAL

- Socket** PL: Four pin plug-in type compact fluorescent lamp holder. HID: Medium base pulse rated 4KV porcelain socket.
- Ballast** PL: Fluorescent high power factor electronic, UL listed ballast standard. HID: Electronic ballast standard. Ballast has a manufacturer issued 5 year warranty. Electronic voltage 120V or 277V is standard. Please consult factory for other voltage options.

#### LISTING

- UL & cUL/ETL, U.S. and CA listed for wet locations. IP65 rating.

FC Lighting, Inc. reserves the right to change details or specifications without notice. Product use certifies agreement to FC Lighting's terms and conditions.

© 2016 FC Lighting, Inc. 3609 Swenson Ave., St. Charles, IL 60174 p. 800-900-1730 f. 630-889-8106 www.fcighting.com

AK Rev. 716

# F3 - CEILING MOUNTED ENTRY LIGHTS

# E4 - OVERHANG DOWNLIGHTS

JOB \_\_\_\_\_  
 TYPE \_\_\_\_\_  
 CATALOG # \_\_\_\_\_



### APPLICATION

- HIGH EFFICIENCY FIXTURE FOR VANDAL-PRONE AREAS.
- IDEAL CHOICE FOR PRISONS, SCHOOLS, PEDESTRIAN TUNNELS, UNDERGROUND FACILITIES AND OTHER APPLICATIONS WHERE FIXTURES MAY BE SUBJECT TO VANDALISM.

### FINISH

- ALL EXPOSED METAL PARTS PRETREATED WITH A PHOSPHATE BONDING PROCESS AND POST-PAINTED WITH AN ELECTROSTATICALLY APPLIED HIGH TEMPERATURE BAKED WHITE ENAMEL FOR SUPERIOR QUALITY AND DURABILITY.

### Warranty

- 5 YEAR LIMITED WARRANTY ON LED BOARDS & DRIVERS.

### CONSTRUCTION

- DIE-FORMED 20 GAUGE STEEL HOUSING.
- HIGH IMPACT .187" THICK CLEAR PRISMATIC POLYCARBONATE LENS OR FROSTED ACRYLIC LENS, TOTALLY ENCLOSES HOUSING; NO METAL EXPOSED.
- TAMPER-RESISTANT STAINLESS STEEL SPANNER-HEAD LENS SCREWS AND CLOSED CELL POLYETHYLENE GASKET STANDARD.
- WIDE UNITS: SHALLOW HOUSING MODEL MOUNTS AND WIRES THROUGH TOP OF FIXTURE. DEEP HOUSING MODEL PROVIDES THROUGH-WIRING AND SURFACE CONDUIT MOUNTING.
- NARROW UNITS: TOP WIRING OR CONDUIT MOUNTING IN SAME FIXTURE.

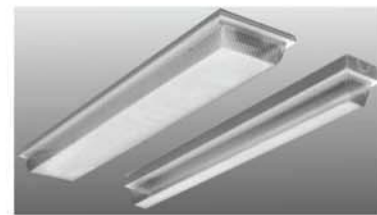
### ELECTRICAL

- LED BOARDS AND DRIVERS ARE INDIVIDUALLY REPLACEABLE, IF REQUIRED.
- HIGH EFFICIENT DRIVER AND LONG LIFE LED'S PROVIDE YEARS OF QUALITY MAINTENANCE FREE OPERATION.



- SUITABLE FOR DRY LOCATIONS. (DAMP OPTIONAL)
- I. B. E. W. LABELED
- MINIMUM 50,000 HOURS @ L80
- 0-10V DIMMING STANDARD\*
- LUMEN/WATTAGE TUNING AVAILABLE (CONTACT FACTORY FOR OPTIONS)
- DRIVER QUICK DISCONNECT STANDARD WHERE REQUIRED BY CODE.
- 80+ CRI STD. (CONSULT FACTORY FOR 90 CRI LUMEN PACKAGE OPTIONS).

## VRLED SERIES



## LED VANDAL RESISTANT LUMINAIRE

### ORDERING GUIDE EXAMPLE: VRLEDW50L4K48-9PS

SERIES	LUMENS WITH "P" LENS	LUMENS WITH "FA" LENS	Kelvin	FIXT		
VRLEDN (NARROW)	22L	18L	3K	48	LUMENS: "SEE PERFORMANCE CHART ON BACK PAGE"	OPTIONS: EM1 - 500 - 700 LUMEN BATTERY PACK EM2 - 1100 - 1400 LUMEN BATTERY PACK DM1 - 0-10V DIMMING TO 1% (*DIMMING TO 3% STANDARD) SDIM - STEP DIMMING. (CONSULT FACTORY FOR LUMEN PACKAGE OPTION) 90 - 90 CRI DL - DAMP LOCATION
	38L	32L	35K			
	55L	46L	4K 5K			
VRLEDW (WIDE)	50L	47L	48	48	LUMENS: "SEE PERFORMANCE CHART ON BACK PAGE"	OPTIONS: EM1 - 500 - 700 LUMEN BATTERY PACK EM2 - 1100 - 1400 LUMEN BATTERY PACK DM1 - 0-10V DIMMING TO 1% (*DIMMING TO 3% STANDARD) SDIM - STEP DIMMING. (CONSULT FACTORY FOR LUMEN PACKAGE OPTION) 90 - 90 CRI DL - DAMP LOCATION
	78L	74L				

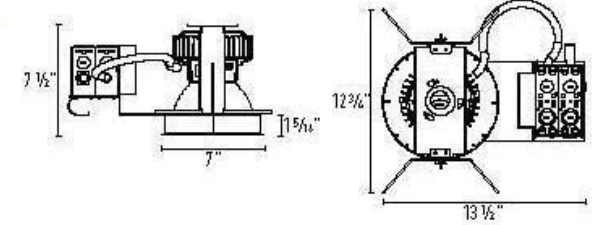


LUMAX INDUSTRIES, INC. Chestnut Avenue & Fourth Street  
 Altoona, PA 16603-0991 814-944-2537 Fax 814-944-6413  
 www.lumaxlighting.com



## SS6G2 / IC632

6" LED General Illumination / Regressed Lensed Reflector



Cut-out: 6 1/2"

Order Matrix | Example: SS6G220003008-27-EM

A	B	C	D	E	
A Series			D Dimming		
SS6G2	6" LED Recessed Round		blank 0-10V Dimming 10% -D10V1 0-10V Dimming 1% -ED10V1 d/d LED 0-10V 1% <sup>1</sup> -ED10V01 d/d LED 0-10V 0.1% <sup>1</sup> -LUT1 Lutron Hi-Lume 1% -LUT Lutron EcoSystem 1% -LUT5 Lutron EcoSystem 5% -EDALI1 d/d LED DALI 1% <sup>1</sup> -EDALI01 d/d LED DALI 0.1% <sup>1</sup>	E Voltage	
B Module Lumen Output				blank 120V -27 277V	
1100 1100 Lumen 1500 1500 Lumen 2000 2000 Lumen 3000 3000 Lumen				E Options	
C Color Temperature / CRI				-EM Emergency Backup -I100 C-Channel Bar Hanger -I200 Rat Bar Hanger -I400 Wood Joist Bar Hanger	
27 2700K / 80 CRI 30 3000K / 80 CRI 35 3500K / 80 CRI 40 4000K / 80 CRI					

### Notes:

1. d/d LED dimming not available for 3000lm module

Reflector Matrix | Example: IC632H2-SF-SB

A	B	C	D
A Series		C Trim	
IC632	6" Regressed Lensed Reflector	-SF Self Flanged -SFW Self Flanged White	D Lens Type
B Reflector Finish			-CR Clear Tempered -SB Sand Blasted
C Clear HZ Haze W White			

### NOTES:

Intense Lighting  
 3340 E La Palma Ave, Anaheim, CA 92806 | Tel: 714.630-9877 | Fax: 714.630-9883  
 ©2016 Intense Lighting, LLC. All rights reserved. Subject to change without notice.

JOB NAME	CATALOG NUMBER
NOTES	TYPE

Catalog Number	System Wattage *	Delivered Lumens **
SS6G21100358 / IC632C-CR	18W	922lm @ 3500K
SS6G21500358 / IC632C-CR	19W	1242lm @ 3500K
SS6G22000358 / IC632C-CR	25W	1509lm @ 3500K
SS6G23000358 / IC632C-CR	37W	2225lm @ 3500K

- \* System wattage include driver and LED module consumption.
- \*\* Delivered Lumen output will vary depending on CCT and lens type (0.7 multiplier for <math>\le 81\text{mm}</math> lens).

### LED MODULE

- Powered by OSRAM PrevaLED® Cube LED Module
- 50,000 hours @ 70% lumen maintenance
- No heat, mercury or UV
- Available in 1100, 1500, 2000 and 3000lm
- CRI = 80 & CCT 2700K, 3000K, 3500K, 4000K

### ELECTRICAL SYSTEM

- Osram Optotronic® standard with 0-10V dimming to 10%
- Power factor > .9, 50/60Hz
- Multiple dimming options available

### OPTICAL SYSTEM

Specification Grade Reflector, 1.2mm thickness, 1 1/2" regressed lens. Reflector available in clear, specular, haze or white. Architectural, discrete polished self flange standard. Optional painted white flange is available.

### FRAME CONSTRUCTION

Heavy duty galvanized steel frame with a large access junction box. ETL listed for through wiring. LED light engine and driver are accessible from above or below ceiling.

### INSTALLATION

The luminaire is type Non-IC. Insulation must be kept at a minimum of 3" away from fixture. Universal mounting brackets included. Compatible with C-channel, flat bar, wood joist bar hanger and EMT. Bar hangers must be ordered separately. C-channel are recommended for T-bar ceilings. Maximum ceiling thickness is 1 1/2".

### EMERGENCY BACKUP

Remote test switch included. Emergency driver operates LED load of up to 7.0 Watts at a nominal 450 lumens for a minimum of 90 minutes.

### LISTING / WARRANTY

- ETL listed to US and Canadian standards for wet locations.
- 10-Year Intense LED Limited Warranty



# E5 - GARAGE ENTRY LIGHTS

## THE MERCURY PARKING GARAGE LED

50W

REPLACES UP TO A 120-WATT METAL HALIDE FIXTURE

FOR MORE FWC APPROVED LED LIGHTING SEE SPECGRADELED.COM



FWC APPROVED (LBF-FWC)



### SPECIFICATIONS

Expected life: Over 100,000 hrs.  
 Rating: IP 65  
 Color Rendering Index (CRI): >80  
 Power factor: >0.98%  
 Input line voltage: 90-305 VAC  
 -347-480V (optional)  
 Operating temp: -40°F-122°F  
 (< Also available: -40°F-140°F)  
 Input line frequency: 50/60 Hz  
 LED efficiency:  
 - warm white, 131 lm/w  
 - natural white, 141 lm/w  
 - cool white, 143 lm/w

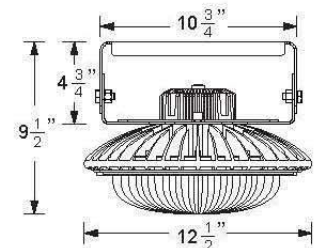
### MISC SPECS

LED chips: Lumileds Luxeon-T  
 Driver: UL approved Meanwell  
 Dimmable: 0-10V (optional)  
 Occupancy sensor: (optional)  
 Hanging weight: 10 lbs.

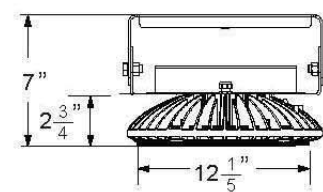
### MATERIALS

Heat sink housing:  
 Anodized aluminum  
 Finish: Powder coated  
 Dropped lens: Acrylic

### 50W DIMENSIONS (SURFACE MOUNT)



### 50W 480V CONFIGURATION (SURFACE MOUNT)



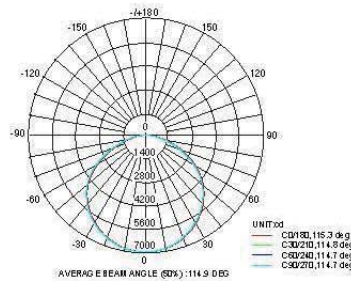
### OCCUPANCY SENSOR (OS) (OPTIONAL)



OS: Occupancy sensor for wet location (IP65)



### PHOTOMETRICS



# E6 - TREE LIGHTING



LTV81-RGBW  
 Lightvault® 8  
 kl\_lt81\_rgbw\_spec.pdf

JOB \_\_\_\_\_ TYPE \_\_\_\_\_  
 NOTES \_\_\_\_\_ APPROVALS \_\_\_\_\_

### FEATURES

- Bluetooth connectivity for remote control aiming, dimming, color changing
- Free mobile App for Android and iOS
- Hardwired DMX connectivity for advanced control (controller supplied by others)
- IP68 sealed light engine

### Certifications

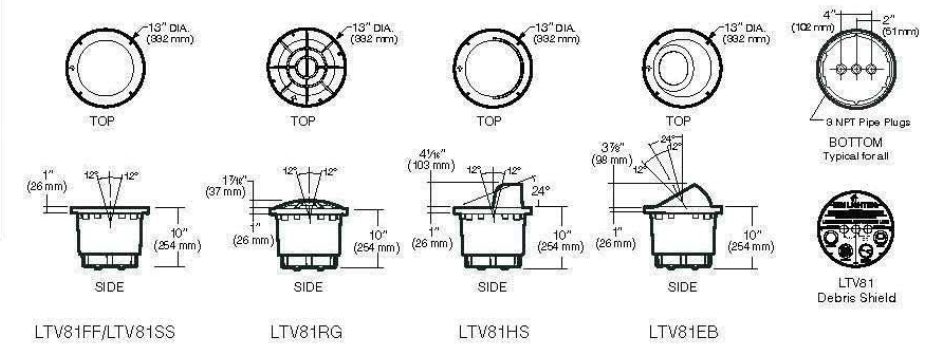


### SPECIFICATIONS



Approx. Weight = 31.5 lbs.

Pour Box rough-in housing ships separately and as a quick-ship if requested.



### ORDERING CODE

Fixture Size	Style	Distribution	Electrical Module	Lens Options <sup>1</sup>	Rebar Cage Anchor
LTV81 13" Dia.	FF Flat Frame SS Stainless Steel HS Half Shield RG Rock Guard	SP Spot NF Narrow Flood	Source 24L 24 LEDs (for LTV81FF) 12L 12 LEDs (for LTV81EB) Color Temperature RGBW Voltages UV 120-277V	SR Slip-Resistant Lens <sup>2</sup>	RCA81 for LTV81

<sup>1</sup> All lens options are integral parts of component module and must be installed at factory.  
<sup>2</sup> Slip Resistant Lens only available with the Flat Frame and Stainless Steel

Kim Lighting reserves the right to change specifications without notice.

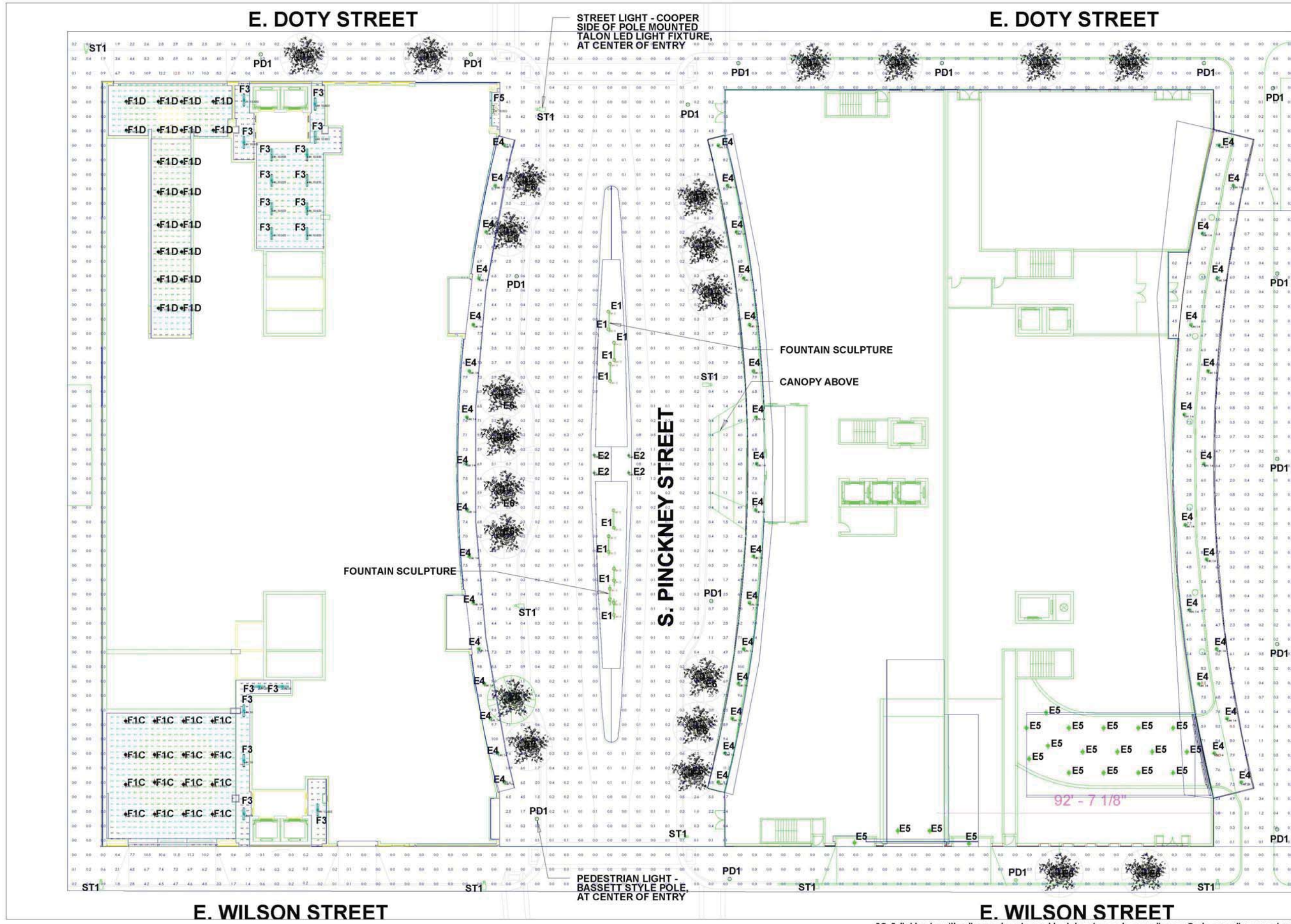


ST1 - INTERSECTION, STREET LIGHTS BY CITY OF MADISON



PD1 - ORNAMENTAL, PEDESTRIAN LIGHTS BY CITY OF MADISON





STREET LIGHT - COOPER  
SIDE OF POLE MOUNTED  
TALON LED LIGHT FIXTURE,  
AT CENTER OF ENTRY

FOUNTAIN SCULPTURE  
CANOPY ABOVE

PEDESTRIAN LIGHT -  
BASSETT STYLE POLE,  
AT CENTER OF ENTRY



#	Date	Comments

Revisions

Drawn By: Chris Collins  
Date: 04/04/18  
Scale: 1" = 14'

Project: **Judge Doyle Square**  
Project Address: Madison, WI

PG-Enlighten is neither licensed nor insured to determine code compliance. Code compliance review by others.

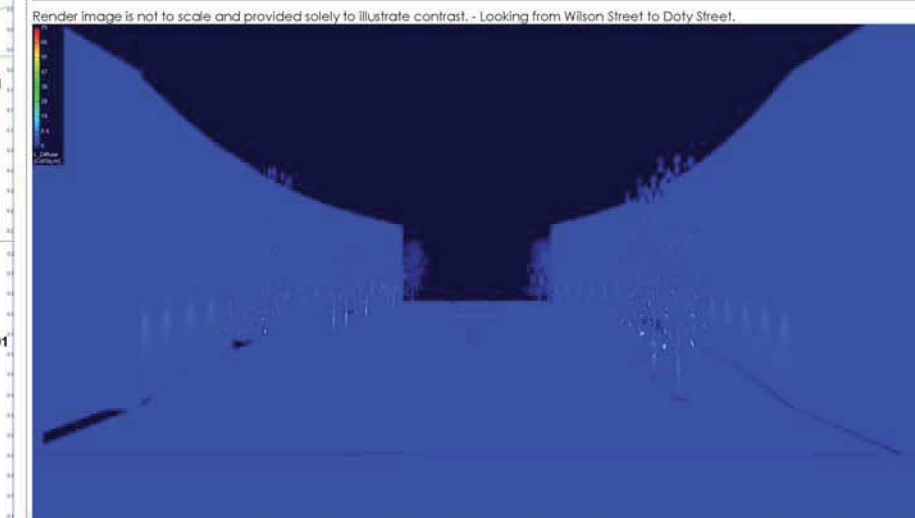
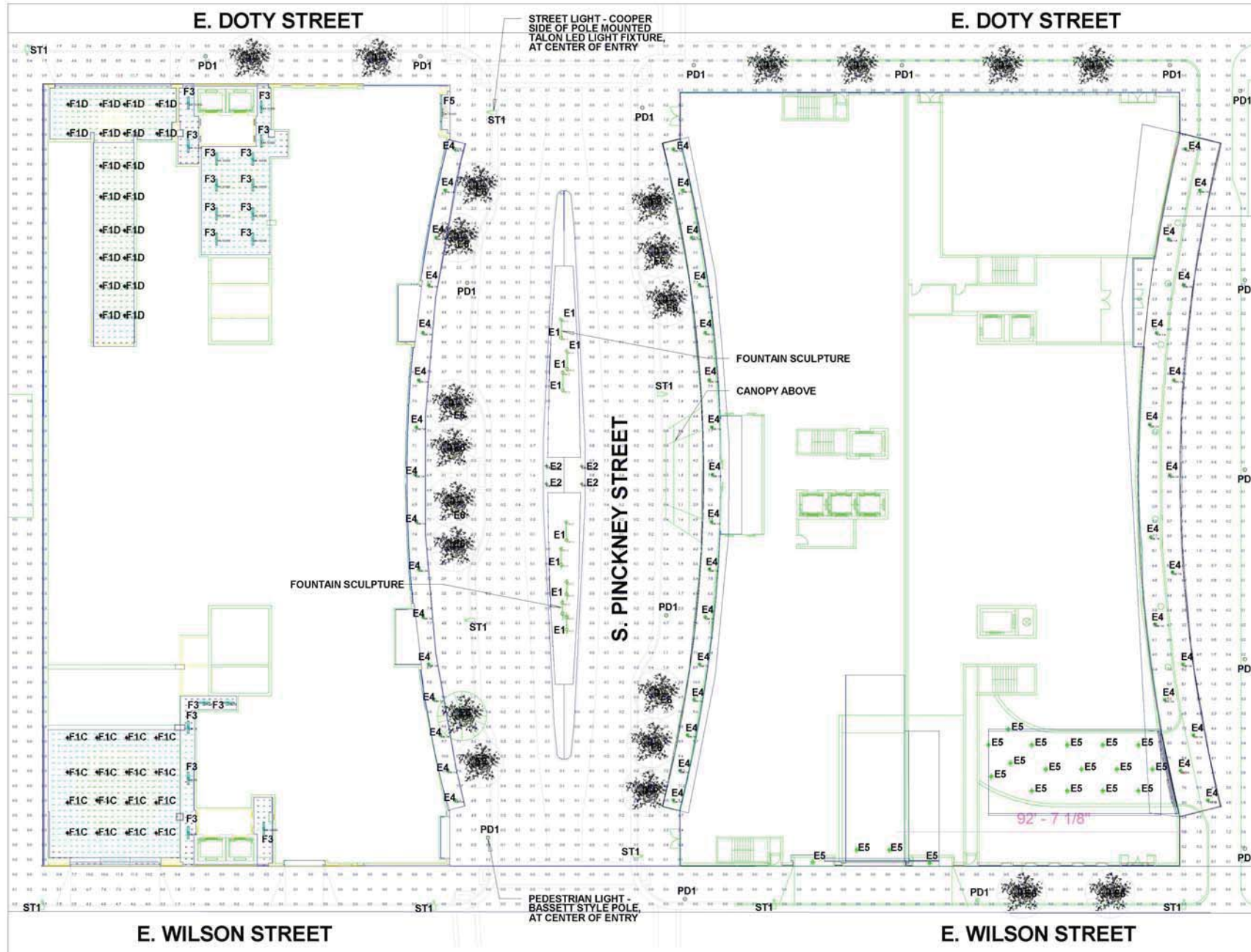




Symbol	Qty	Label	Arrangement	Arr. Lum. Lumens	LLF	Mfr	Description
⊙	4	E2	SINGLE	408	0.900	FC/SSL Lighting	FCB460-120V-4K-500-SS-LD
⊙	48	E4	SINGLE	2127	0.900	Intense Lighting	SS6G3DRL5358_IC632C-CR
⊙	35	E6	SINGLE	1499	0.900	KIM LIGHTING	LTV81FF-NF-24RGBWUV
⊙	16	F1C	SINGLE	7120	0.855	SPECGRADELED	LBF-50-NW-120-110/277V-XX-X (from CW/5000k file)
⊙	20	F1D	SINGLE	7120	0.855	SPECGRADELED	LBF-50-NW-120-110/277V-XX-X (from CW/5000k file)
⊙	18	F3	SINGLE	4062	0.900	Lumax Industries Inc	VRLEDN38L4K48-9PD
⊙	1	F5	SINGLE	2030	0.724	Luminaire LED, Inc., Edison, New Jersey,	AEL24-20W 4000K

Room Summary		
Label	Wall Ht.	Description
E Doty St Elevator Lobby	10.833	Reflectances 80/50/20
E Doty St Elevator Lobby	10.833	Reflectances 80/50/20
E Doty St Retail Entry	14	Reflectances 40/40/20
E Wilson St Elevator Lob	10.833	Reflectances 80/50/20
E Wilson St Garage Entr	18.333	Reflectances 15/15/15
Garage Entry	14	Reflectances 15/15/15

Calculation Summary									
Label	CalcType	Units	Avg	Max	Min	Max/Min	Description		
E Doty Garage Floor_Top	Illuminance	Fc	32.22	49.8	14.7	3.39	Readings @ ground		
E Doty Garage Ramp_Side_3	Illuminance	Fc	36.49	45.0	11.2	4.02	Readings @ Ground		
E Doty St Elevator Lobby_1_Workp	Illuminance	Fc	16.28	23.2	8.2	2.83	Readings @ 2.5' AFF		
E Doty St Elevator Lobby_2_Workp	Illuminance	Fc	25.74	34.5	4.8	7.19	Readings @ 2.5' AFF		
E Doty St Retail Entry_Floor	Illuminance	Fc	3.72	5.0	2.2	2.27	Readings @ Ground		
E Wilson St Elev Lobby Floor_Pla	Illuminance	Fc	14.84	23.8	0.1	238.00	Readings @ 2.5' AFF		
E Wilson St Elevator Lobby_1_Wor	Illuminance	Fc	10.61	21.6	1.9	11.37	Readings @ 2.5' AFF		
E Wilson St Garage Floor_Planar	Illuminance	Fc	26.98	37.6	0.3	125.33	Readings @ Ground		
Site_2_Planar	Illuminance	Fc	2.57	8.5	0.1	85.00	Readings @ Ground		
Site_Planar	Illuminance	Fc	1.29	12.5	0.0	N.A.	Readings @ Ground		



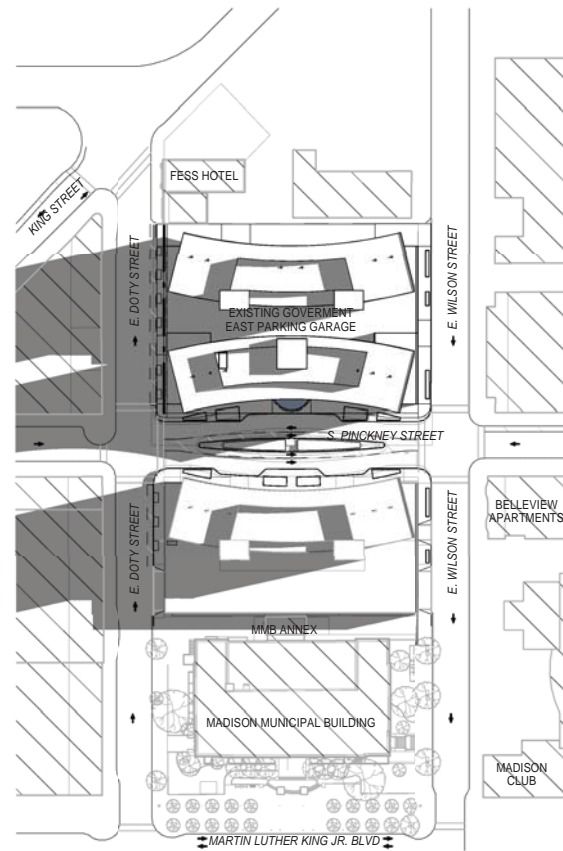
#	Date	Comments

Drawn By: Chris Collins  
Date: 04/04/18  
Scale: N/A

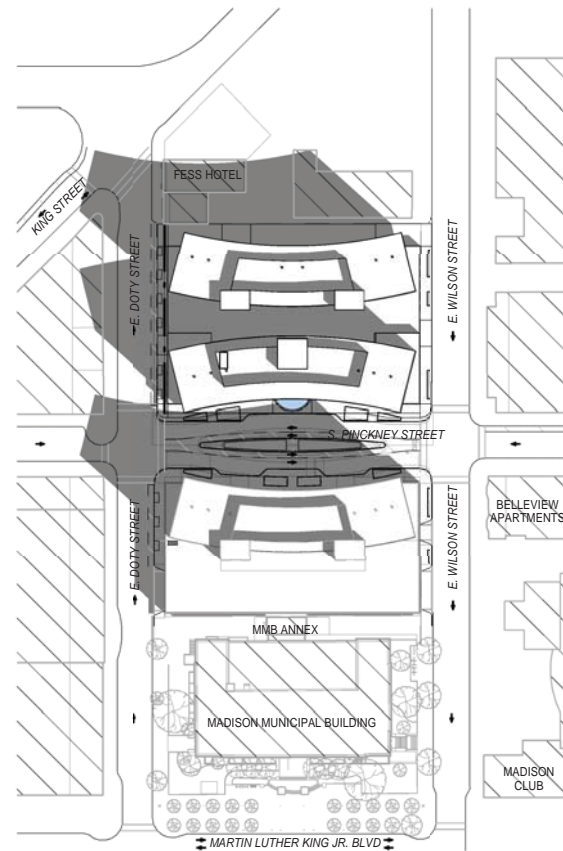
Project:  
**Judge Doyle Square**  
Project Address:  
Madison, WI

PG-Enlighten is neither licensed nor insured to determine code compliance. Code compliance review by others.





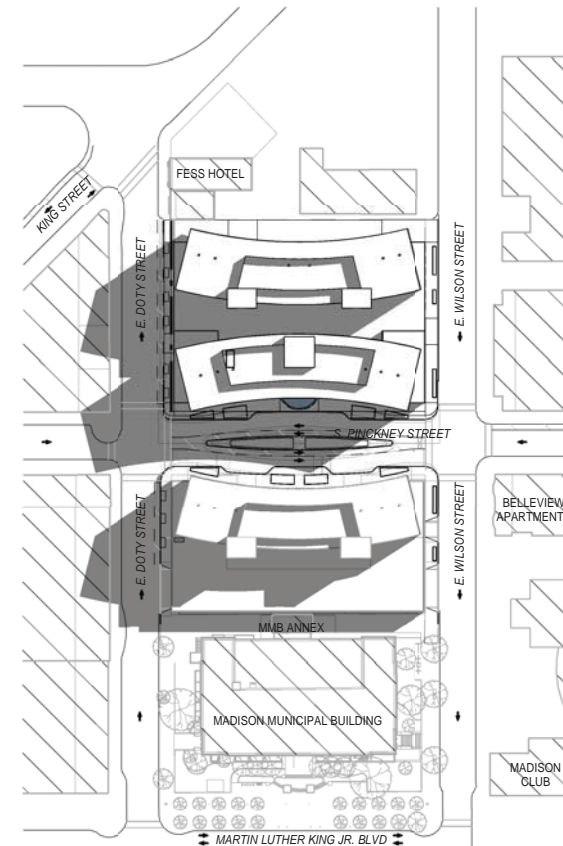
9 AM, MARCH 21



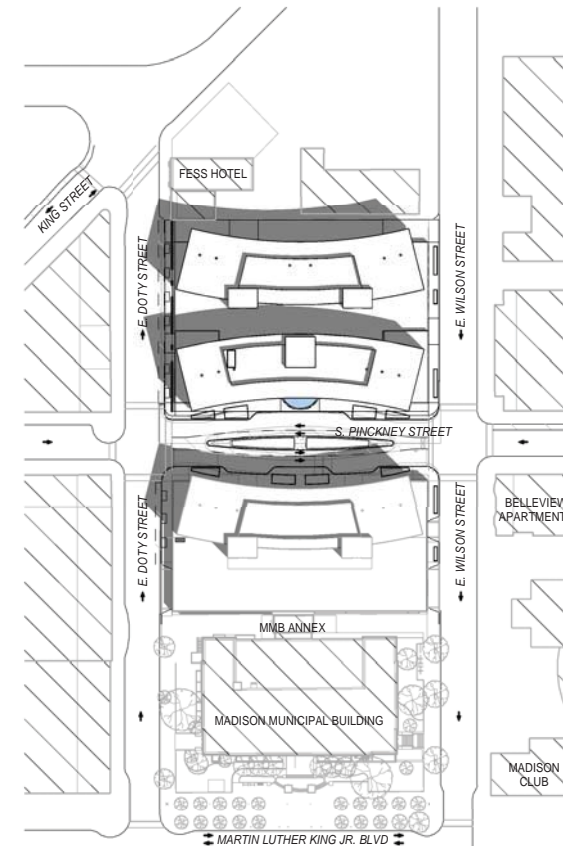
NOON, MARCH 21



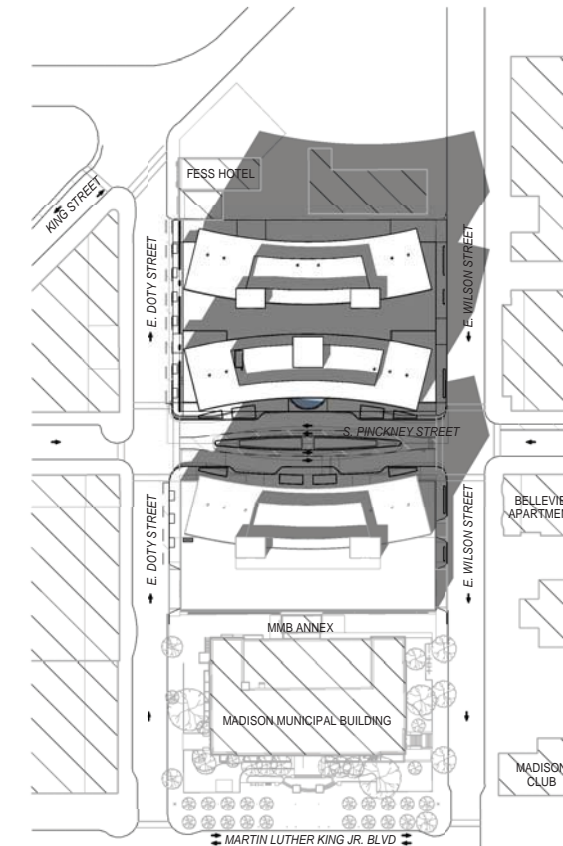
3 PM, MARCH 21



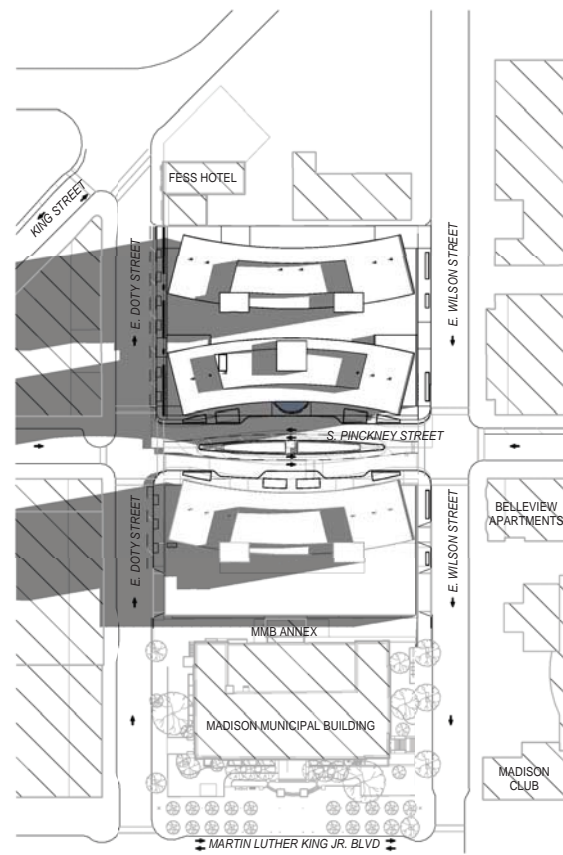
9 AM, JUNE 21



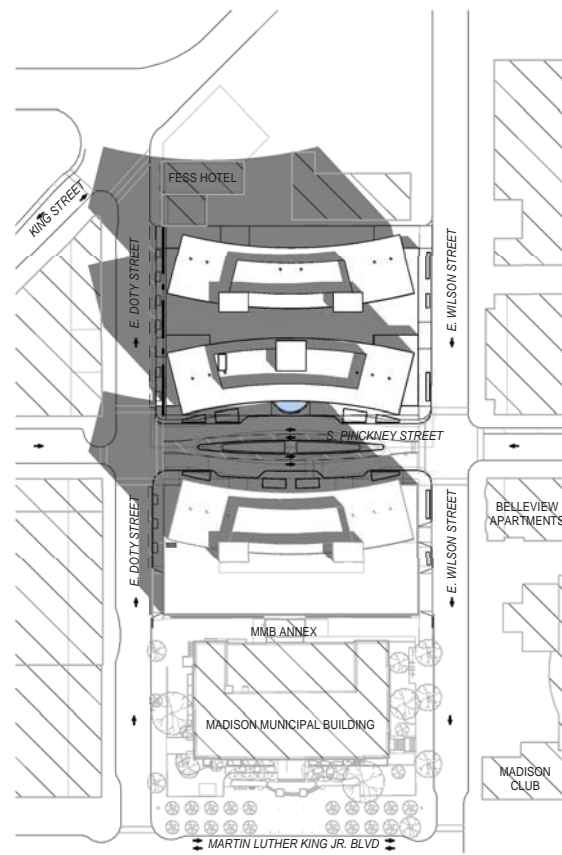
NOON, JUNE 21



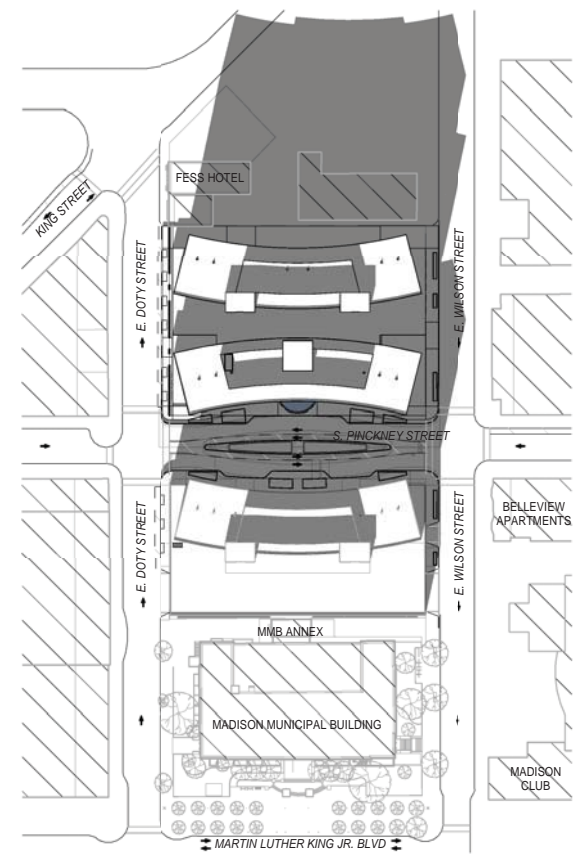
3 PM, JUNE 21



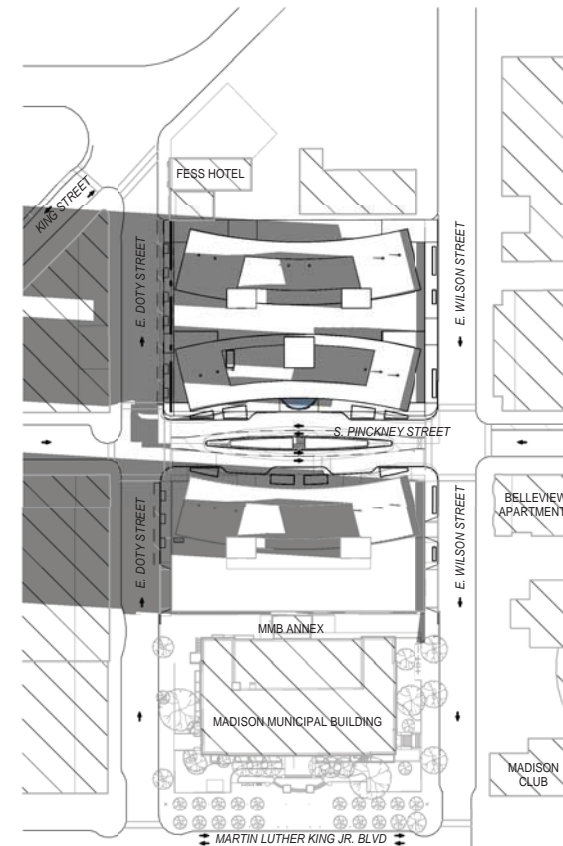
9 AM, SEPTEMBER 21



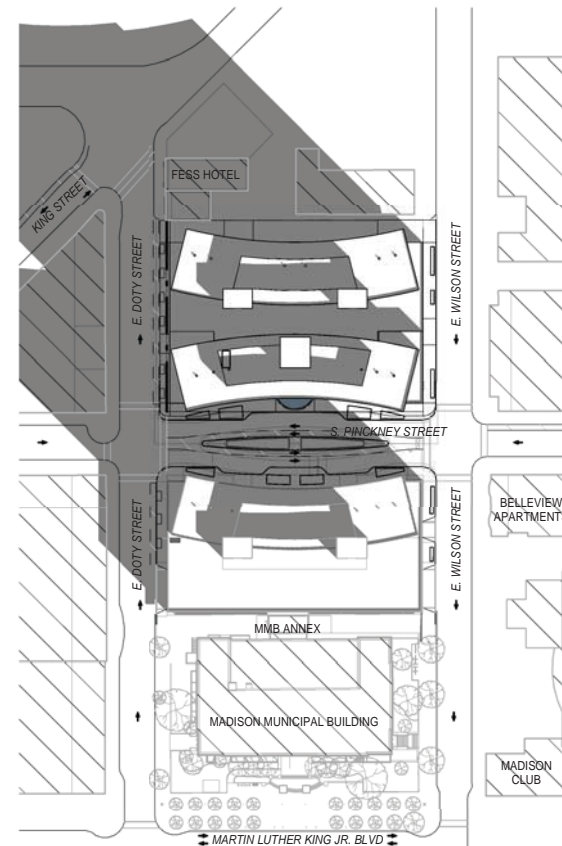
NOON, SEPTEMBER 21



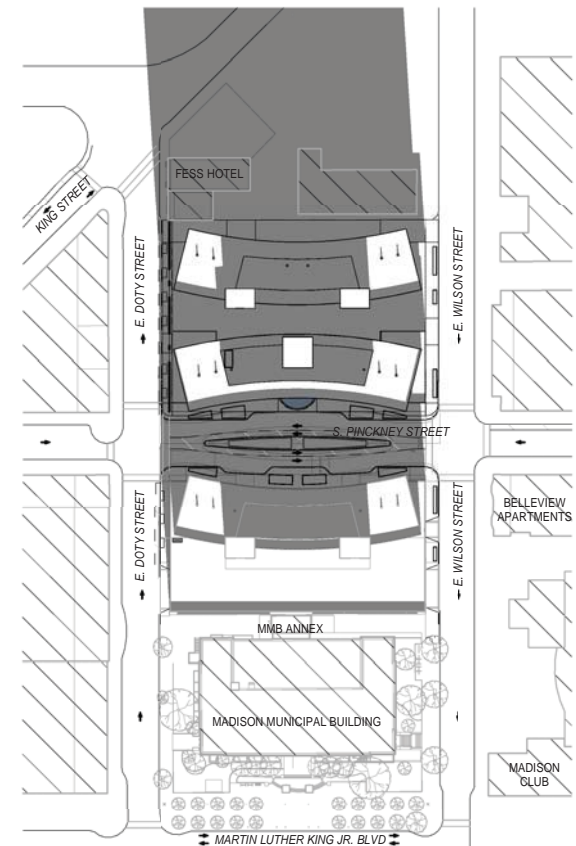
3 PM, SEPTEMBER 21



9 AM, DECEMBER 21



NOON, DECEMBER 21



3 PM, DECEMBER 21