

- EXTERIOR GLAZING



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

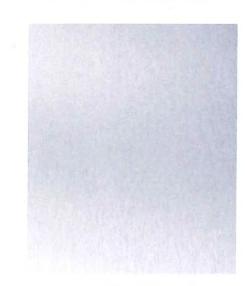


FROSTED GLASS - FOG GRAY (V1087)



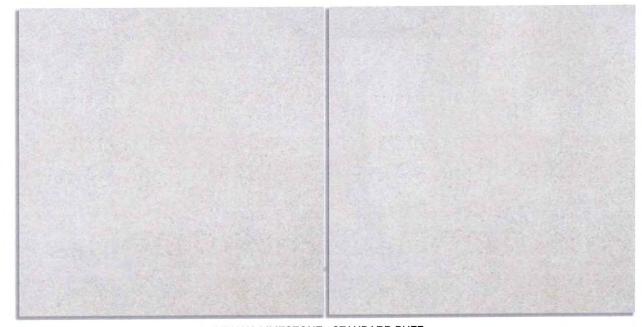
SILKSCREEN GLASS - SUBDUED GRAY 60% COVERAGE (V903)

- ALUMINUM TRIM



BRUSHED ALUMINUM

- STONE SCREEN WALL SYSTEM



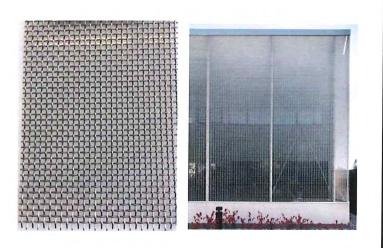
INDIANA LIMESTONE - STANDARD BUFF

- WINDOW CURB / SILL



BLACK GRANITE

- ALUMINUM SCREEN WALL

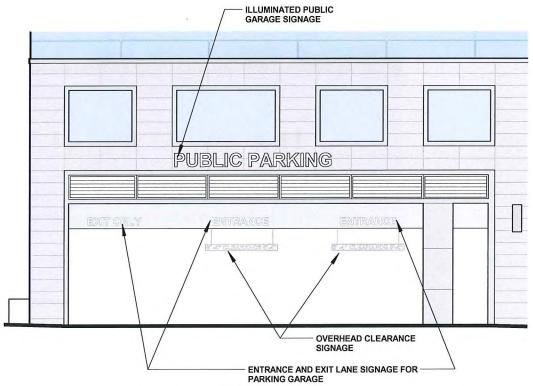


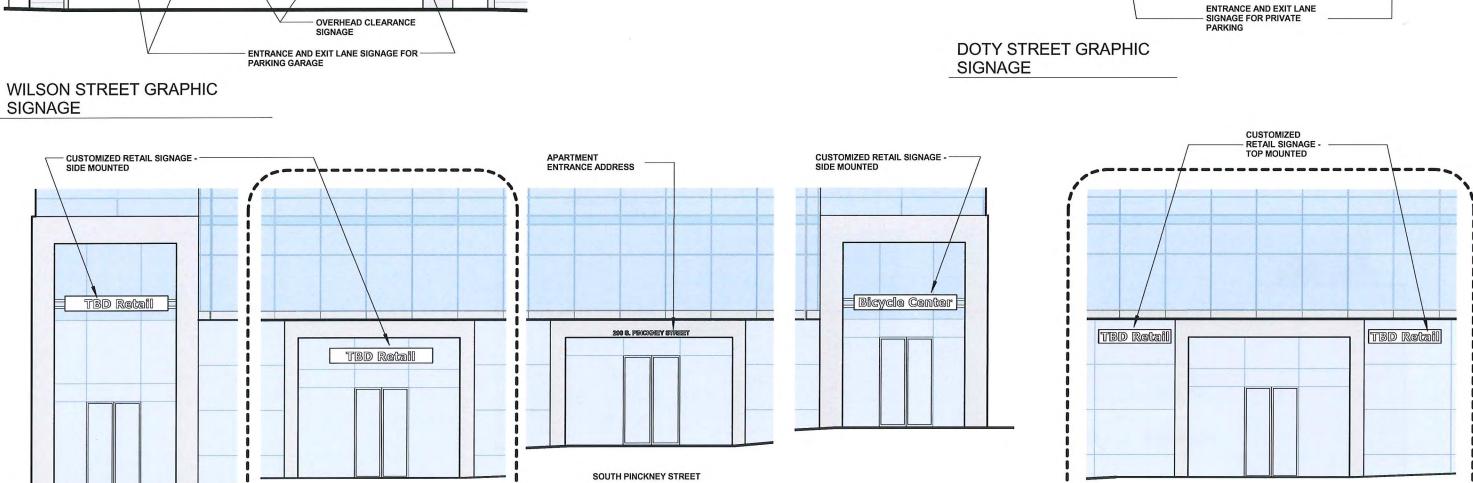
MECHANICAL SCREEN WALL @ ROOF

V) \ FOR CITY OF MADISON AND BEITLER REAL ESTATE

MATERIALS BOARD

4-01





ILLUMINATED PUBLIC GARAGE SIGNAGE

PINCKNEY STREET GRAPHIC SIGNAGE

FOR CITY OF MADISON AND BEITLER REAL ESTATE

OPTION A

GRAPHIC SIGNAGE - BLOCK 88

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

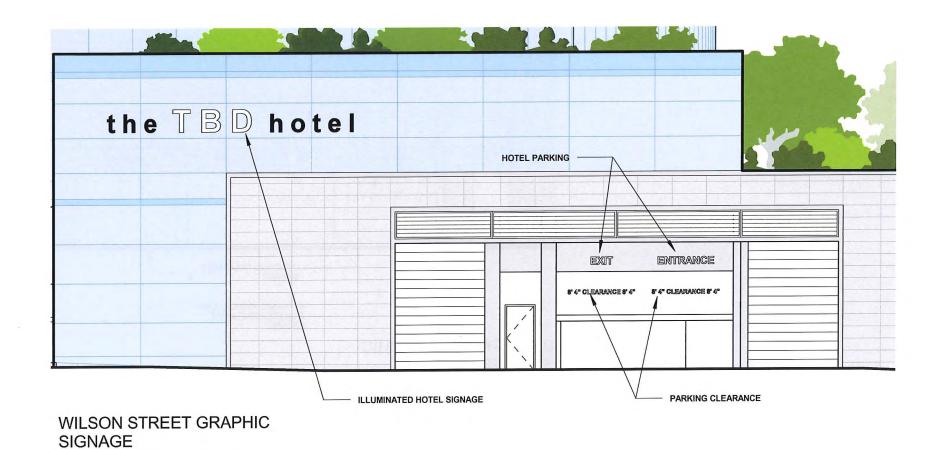
OPTION B

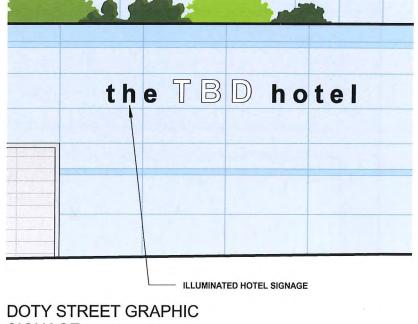
PROGRAMMABLE PIXEL LIT SIGNAGE

PUBLIC/PARKING

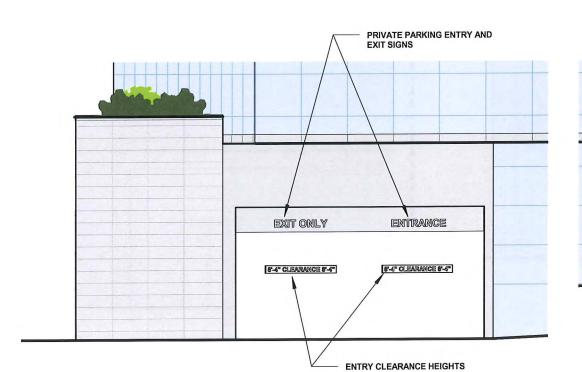
■ ENTRANCE ■

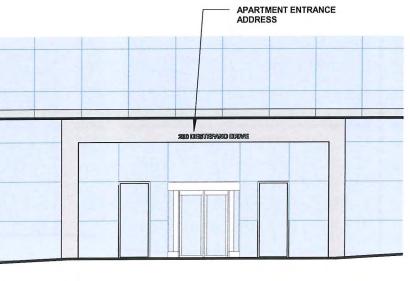
OVERHEAD CLEARANCE SIGNAGE





SIGNAGE



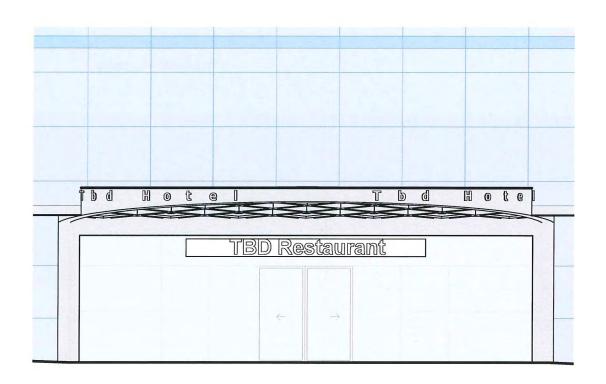


NEW ENTRY GRAPHIC SIGNAGE

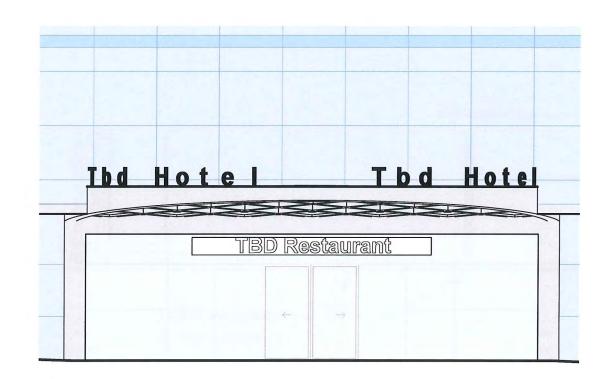
FOR BEITLER REAL ESTATE

GRAPHIC SIGNAGE - BLOCK 105

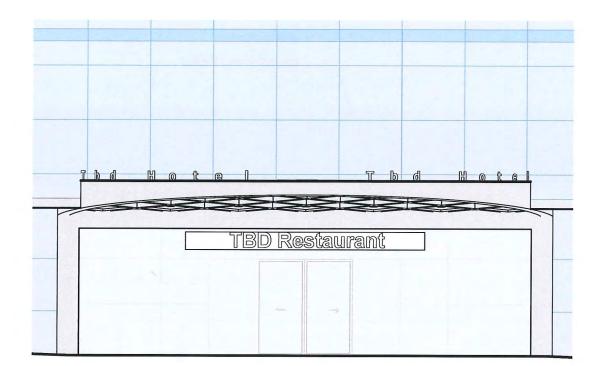
SCALE: 3/32" = 1'-0"



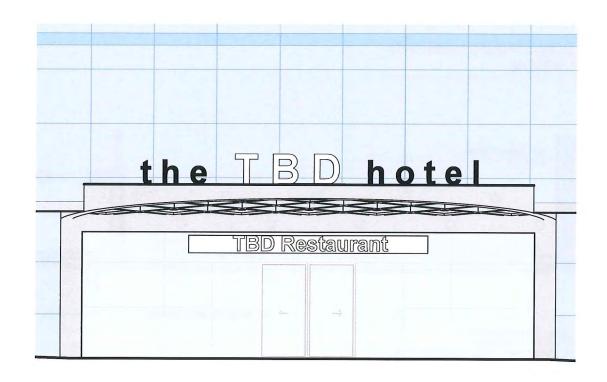
PINCKNEY STREET CANOPY SIGNAGE OPT A



PINCKNEY STREET CANOPY SIGNAGE OPT C



PINCKNEY STREET CANOPY SIGNAGE OPT B

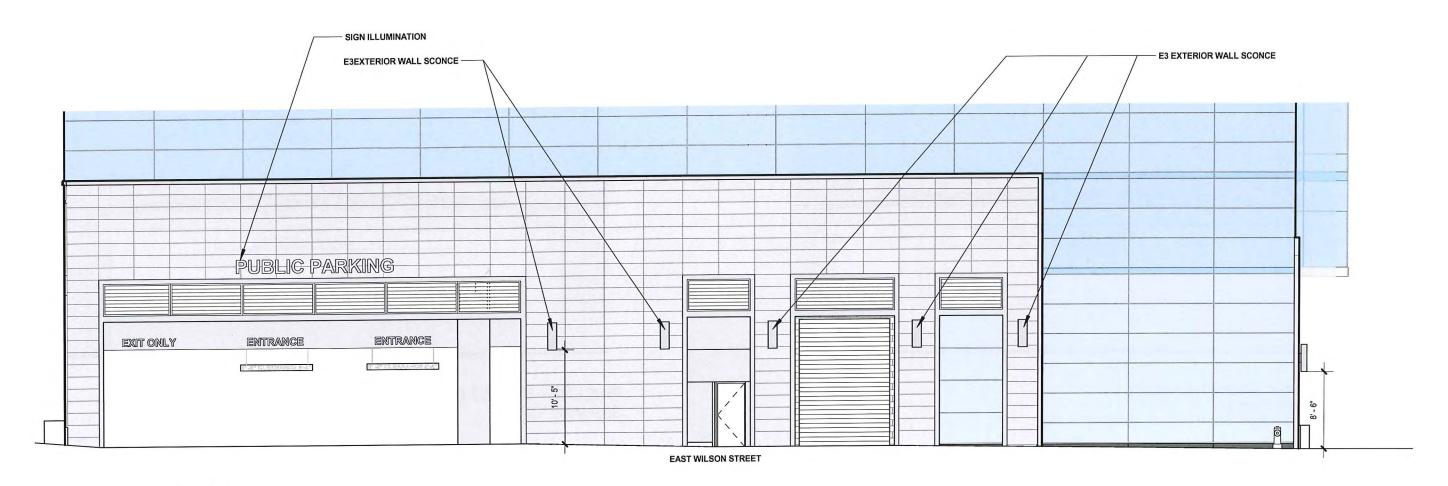


PINCKNEY STREET CANOPY SIGNAGE OPT D

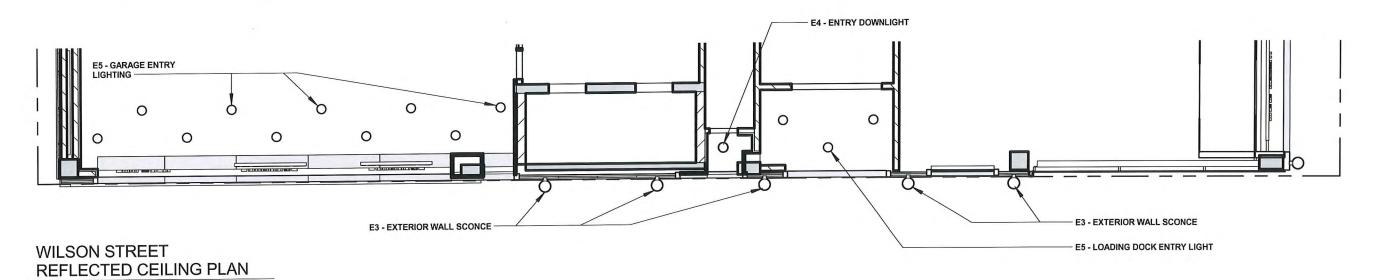
LV) \(\Lambda\) FOR BEITLER REAL ESTATE

GRAPHIC SIGNAGE - BLOCK 105

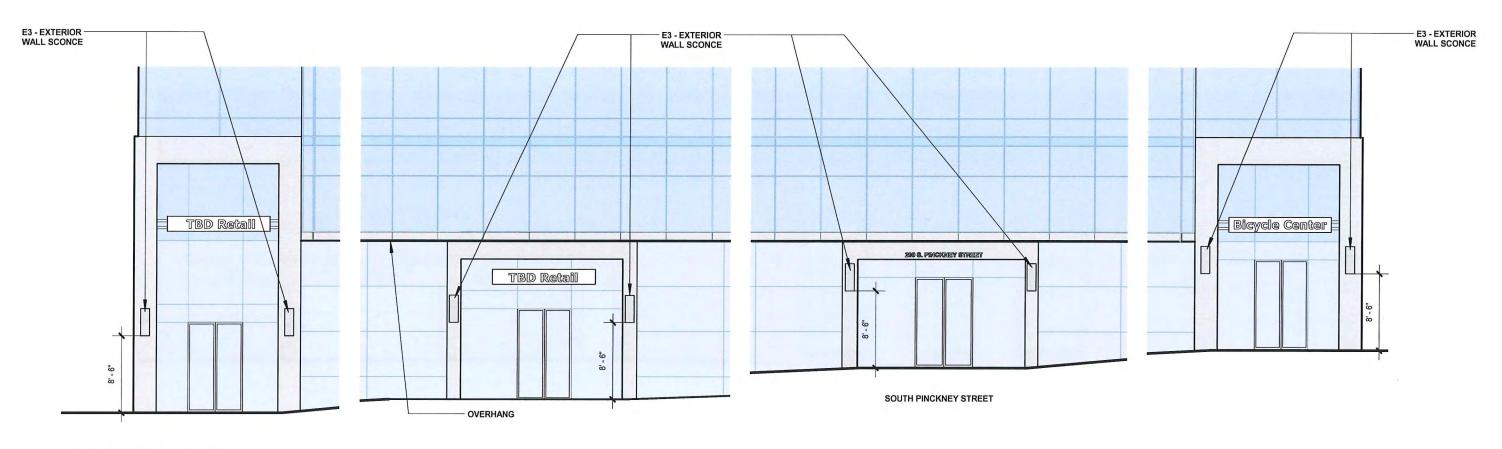
SCALE: 1/8" = 1'-0" 4-03A



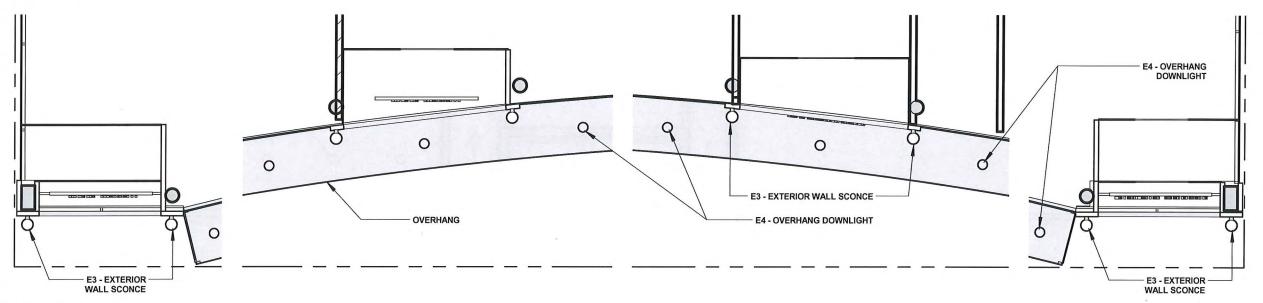
WILSON STREET LIGHTING ELEVATION





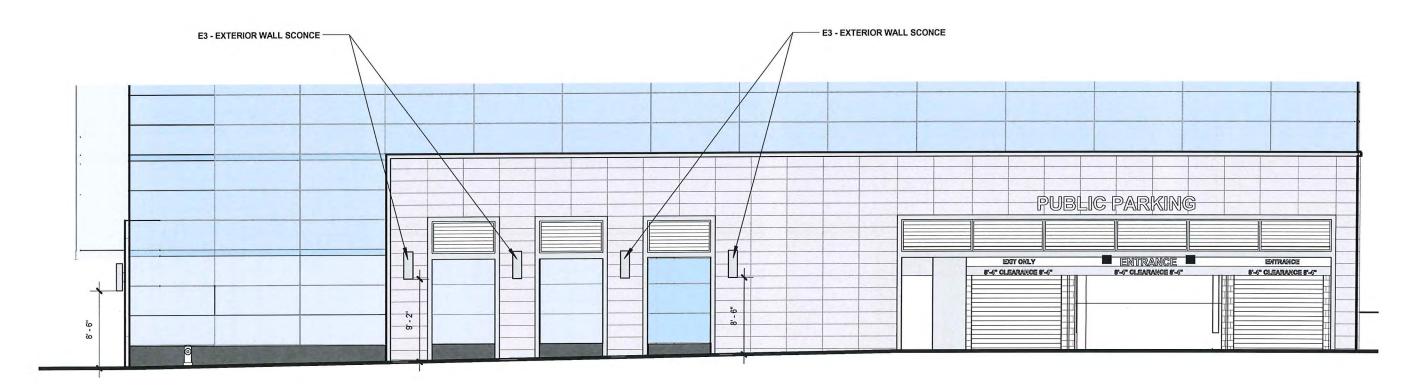


PINCKNEY STREET LIGHTING ELEVATION

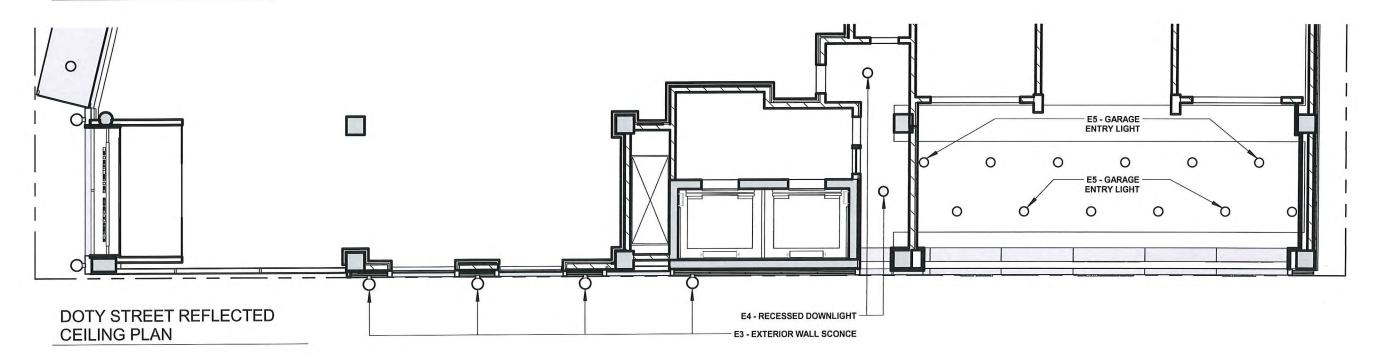


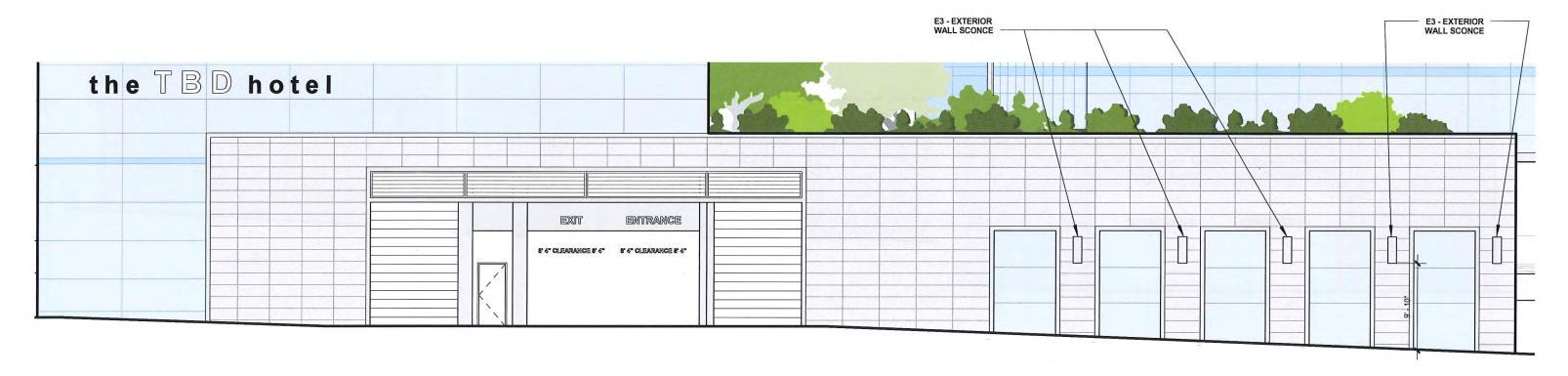
PINCKNEY STREET
REFLECTED CEILING PLAN



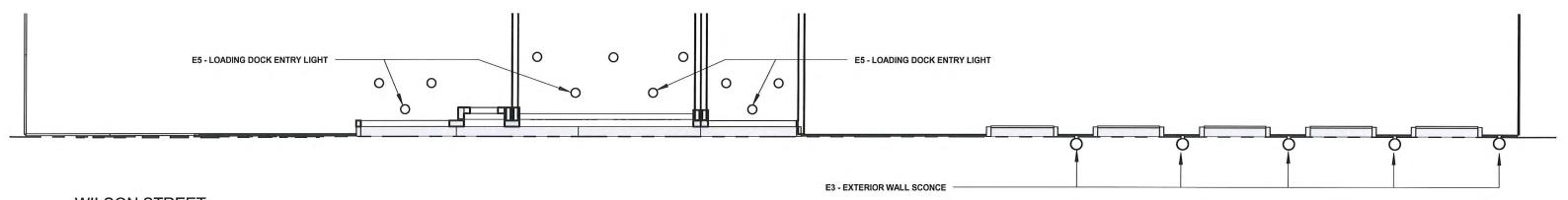


DOTY STREET LIGHTING ELEVATION





WILSON STREET LIGHTING **ELEVATION**

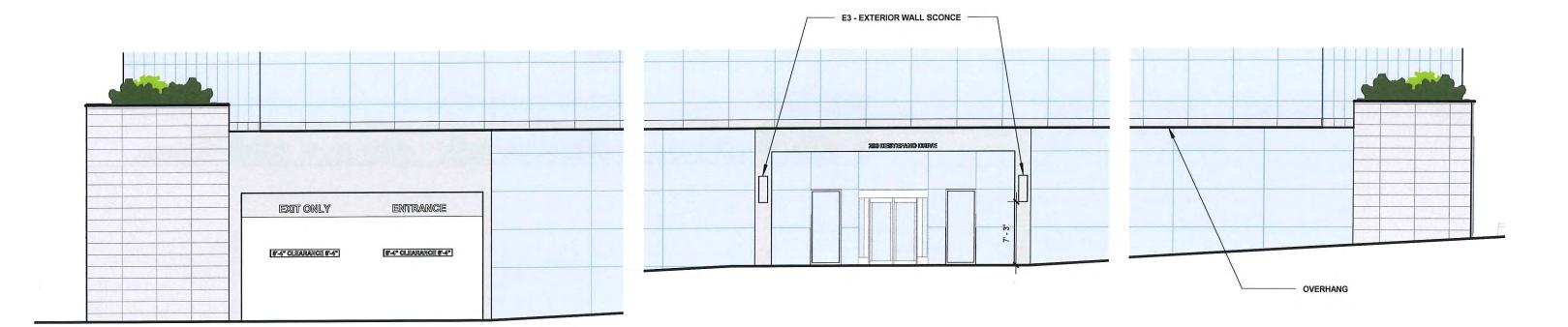


WILSON STREET REFLECTED CEILING PLAN

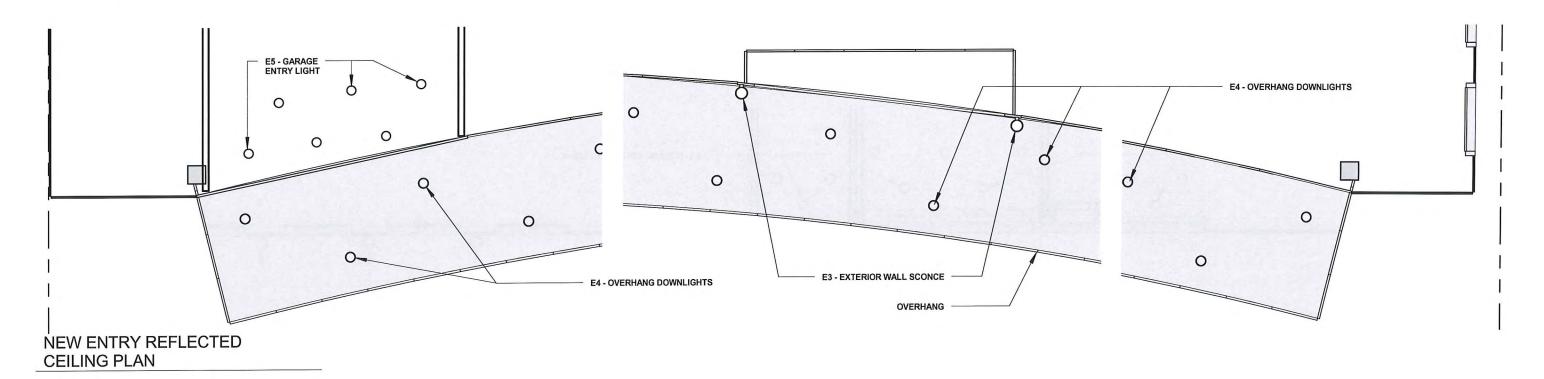
LV) \(\) FOR BEITLER REAL ESTATE



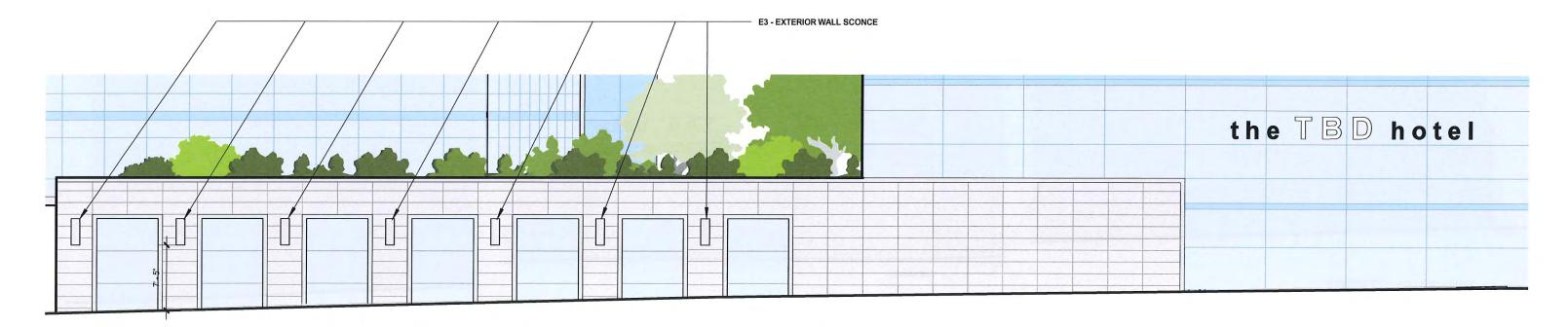
SCALE: 3/32" = 1'-0"



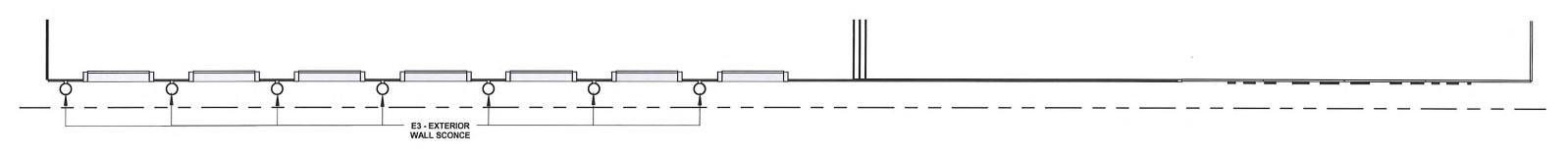
NEW ENTRY LIGHTING ELEVATION





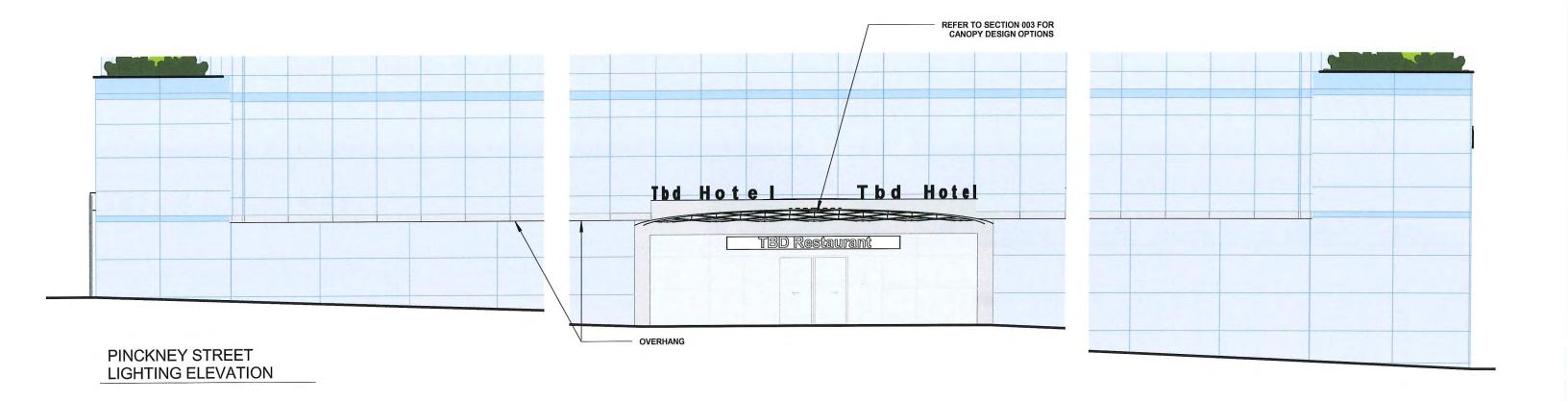


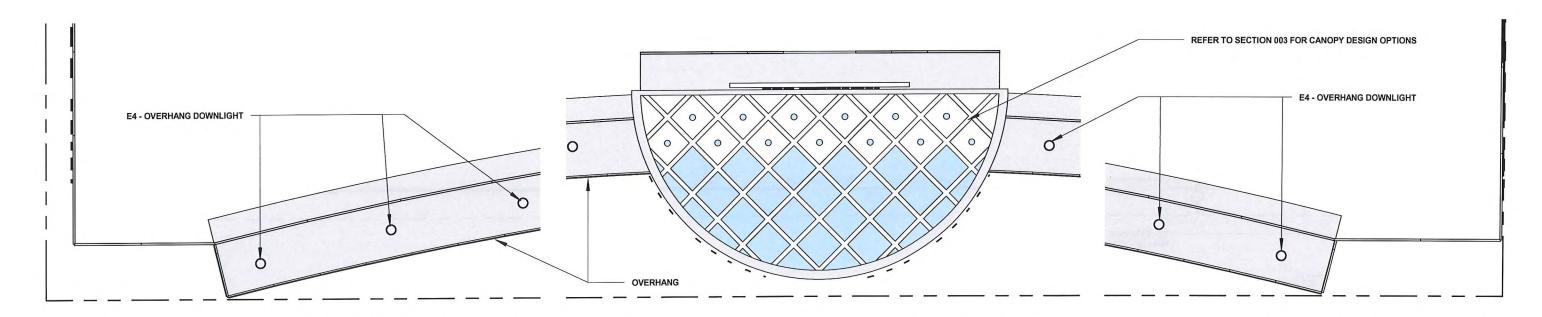
DOTY STREET LIGHTING ELEVATION



DOTY STREET REFLECTED CEILING PLAN







PINCKNEY STREET REFLECTED CEILING PLAN

SCALE: 3/32" = 1'-0" **4-05-C**

E1 - FOUNTAIN LIGHTING

KIM LIGHTING		LTV8 Lightvault® 8 Stainless St kl_ltv8ss_spec
JOB -	TYPE	
NOTES	APPROVALS	
FEATURES		Certifications
Sealed IP68 LED light engine	 Easy to install and pair devices 	Certifications
Bluetooth connectivity for remote control aiming and dimming	 Advanced thermal management provides long life in excess of 100,000+ hours 	0 0
Free Mobile App for Android and IOS	Runs cool to the touch - less than 40°C	USTED For LIV82/83
PECIFICATIONS	Pour Box rough-ii	I n housing ships separately and as a quick-ship if requeste
	LTV81SS	
	13' DIA - (332 mm)	(102 mm) 2' (61 m
		10' (254 mm)
		(26 mm) (26 mm)
		3 NPT Pipe Plugo
	TOP	
V82SS	LTV83SS	
34° DIA — 263 mm)	(102 mm) Z' 77% 'DIA (202 mm)	(51 mm) 1 + 1*
100 100		(25 mm
(26 mm) 97/4* (250 mm)		(26 mm) 8½4 (210 mm)
	3 NPT Pice Plugs	2 NPT Pipe Flugs
TOP SIDE	BOTTOM TOP	SIDE BOTTOM
EBRIS SHIELDS	LIGHT DISTRI	
NOW LINETING	LTV81SS, LTV82	55, LIV8355
2000		
	W	
LTV81 LTV82	LTV63	
21101	Spot (SP) Na	rrow Flood (NF) Wall Wash (WW)
RDERING CODE		
LTV8x55		
Fixture Size Distribution* Source		Lens Options¹ Rebar Cage Anchor
TV81SS 13" Dia. SP, NF, WW 36L 36LE	2V 2000V 10V 200 2770	SR Slip-Resistant RCA81 for LTV81 Lens RCA82 (c. 1709)
TV82SS 10-3/8" Dia. SP, NF 18L 18 LEI	4K 4000K	PL Prismatic Lens RCA82 for LTV82 RCA83 for LTV83
TV825S 10-3/8" Dra. WW 16L 16 LEI TV83SS 7-15/16" Dra. SP, NF, WW 12L 12 LEI	2K 2000K	*All lens options are integral parts of
P = Spot, NF = Narrow Flood, WW = Wall Wash		component module and must be installed
	ons without notice	at factory.

E2 - BOLLARDS



Date:	Approved:
Туре:	
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△		100W MH		PE Photo Eye
		LED 3	(500 Lumens (35W)		
△contact factory		3	5K		
		4	C		

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/jthbwvx

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 EC Lighting's terms and conditions.

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AK Rev. 716

F 626 968 5666 | F 626 369 2695 | www.kmlighting.com | Rev. Aug. 6, 2016

E3 - EXTERIOR WALL SCONCE



Date:	Approved:
Туре:	
Fixture:	
Project:	

FCC820

8" Round Wall Mounted Die-Cast Aluminum Cylinder, Up / Down Light



GO SPEE	D			25 pcs o	Less /s	ships in 2 weeks				EX	AMPLE: (CC820-120V-3K-1200-BH
SERIES	VOLTAGE	SOUF	CE/TE	EMPERATURE/LAMP	FINIS	SH	LED	OPTIC DIREC	TION		ACCE	SSORIES
FCC820	120V	PL		2/26T 2/32T 2/42T	BK	Black	U	P	DOW	/N	D	Dimming (0-10V)
	277V	INC		2/150W PAR38	BZ	Bronze	USP	Spot	DSP	Spot	LD	LED Dimming (0-10V)
	347V△	HID		2/70W MH G12	SL	Silver	UNFL	Narrow Flood	DNFL	Narrow Flood	EMR	Emergency Backup, Remote
				2/70W MH PAR30L	WH	White	UFL	Flood	DFL	Hood		
		LED	3K	1200 Lumens (15W)*	CC	Custom Color	UWFL	Wide Flood	DWFL	Wide Flood		
△ contact factory			4K	2000 Lumens (24w)*			UNO	None	DNO	None		

SPECIFICATION

MOUNTING

Mounts directly to standard recessed junction box. Additional mounting holes allow unit to be attached directly to mounting surface.

CONSTRUCTION

- · Marine grade, corrosion resistant, heavy walled, high pressure die-cast aluminum with die-cast back mounting plate.
- Lens is 3/8" thick clear tempered glass. Precision formed semi-specular aluminum for maximum reflectance.
- Silicone gasket to provide maximum protection against contaminants. Hidden fasteners allow for cover removal to facilitate installation and services.

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. Consult factory for non-white static LED colors;

FINISH

- Six stage chemical pre-treatment process that includes iron phosphate, to prepare the substrate for a UV stable, super durable standard polyester powder coat
- Optional e-coat process is added to the standard finish including zinc phosphate for a 5 year limited warranty.

ELECTRICAL

- Socket PL: Four pin plug-in type compact fluorescent lamp holder (lamp by others). INC (120V only): Medium base porcelain socket. HID: Medium base pulse rated 4KV porcelain socket or G12 base porcelain socket.
- Ballast PL: Fluorescent electronic, UL listed ballast standard. HID: Electronic ballast standard. Ballast has a manufacturer issued 5 year warranty. Please consult factory for other voltage options.

LISTING

. UL & cUL listed for wet location. IP65 Rating.

* Terms & Conditions for our Go Green Speed, quick ship program are located on our website: folighting.com

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

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MT Rev 615

E4 - OVERHANG DOWNLIGHTS

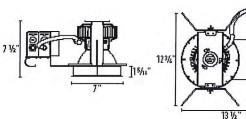
SS6G2 / IC632

6" LED General Illumination / Regressed Lensed Reflector









Cut-out: 6 1/2"

Order Matrix	Example: SS 6G 2200 0308 - 27 - EM
--------------	------------------------------------

Color Temperature / CRI

A	Series	D	űmming	
55862	6" LED Recessed Round	blank	0-10V Dimming 10W	
		-D1 0V1	0-10V Dimming 1%	
В	Module Lumen Output	-ED10V1	ddoLED 0-10V 1% 1	
D	Moone mile roador	-ED10V01	ddoLED 0-10V 0.1% 1	
1100	1100 lumen	-LU T1	Lutron Hi-Lume 1%	
1500	1500 tumen	-LUT	Lutron EcoSystem 1%	
2000	2000 lumen	-LU T5	Lutron EcoSystem 5%	
3000	3000 lumen	-EDALI1	d doLED DALI 1% 1	
	,	-EDALI01	ddoLED DALIO.1% 1	

278	2700K/80 CRI	E	Voltage
308 358 408	3000K/80 CRI	blank -27	120V 207 V
		E	Options
		-EM -1100 -1200 -1400	Emergency Backup C-Channel Bar Hanger Rat Bar Hanger Wood Joist Bar Hanger

otes: . eldoLED c	imming not ava	ilable for 3000(m mo	qqe	
Reflector	Hatrix Examp	le: IC632HZ-SF-SB		
p	-	В	t	D
А	Series		c	Trim
10832	6" Regressed Reflector	Lensed	-SF -SFW	Self Flanged Self Flanged White

Α	Series	¢	Trim
IC832	6" Regressed Lensed Reflector	-SF -SFW	SelfFlanged SelfFlangedWhite
В	Reflector Finish	D	Lens Type
D			
C HZ	Clear Haze	-CR	Clear Tempered Sand Blasted

Catalog Number	System Wattage *	Delivered Lumens*
SS&G21100358/IC&32C-CR	18//	922lm @3500K
SS&G21500358/IC&32C-CR	19W	1242lm @ 3500K
SS&G22000358/IC&32C-CR	25W	1505m @3500K
SS&G23000358/IC&32C-CR	37 W	2229m @ 3500K

- System wattage include driver and LED module consumption.
- Delivered lumen output will vary depending on CCT and lens type (0.7 multiplier for -SB lens).

LED MODULE

- Powered by OSRAM PrevaLED® Cube LED Module
- 50,000 hours a t7 0% lum en maintenance
- Hoheat, mercury or UV
- Available in 1100, 1500, 2000 and 3000lm - CRI = 80 & CCT 2700 K, 3000 K, 3500 K, 4000 K

ELECTRICAL SYSTEM

- Osram Optotronic® standard with 0-10V dimming to 10%

- Power factor >.9,50/60Hz
- Multiple dimming options available

specular, haze or white. Architectural, discrete polished self flange standard. Optional painted white

flangeis available.

Specification Grade Reflector, 12mm thickness, 11/2" regressed lens, Reflector available in clear

Heavy duty galvanized steel frame with a large access junction box. ETLL isted 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. Ci-channel are recommended for Ti-bar ceilings. Maximum ceiling thicknessis 1 1/6".

Remote test switch included. Emergency driver operates LED load of up to 7.0 VM tts 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

Intense Lighting

3340E La Palma Ave, Ansheim, CA 92806 | tel 714630-9877 | fax 714630-9883 ©2018 Intense Lighting, LLC. All rights reserved. Subject to change without notice.





REPLACES UP TO A 120-WATT METAL HALIDE FIXTURE





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

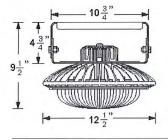
MISC SPECS

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

MATERIALS

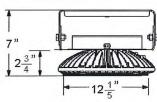
Heat sink housing: Anodized aluminum Finish: Powder coated Dropped lens: Acrylic

50W DIMENSIONS (SURFACE MOUNT)



♠ PHOTOMETRICS

50W 480V CONFIGURATION (SURFACE MOUNT)



OCCUPANCY SENSOR (OS)

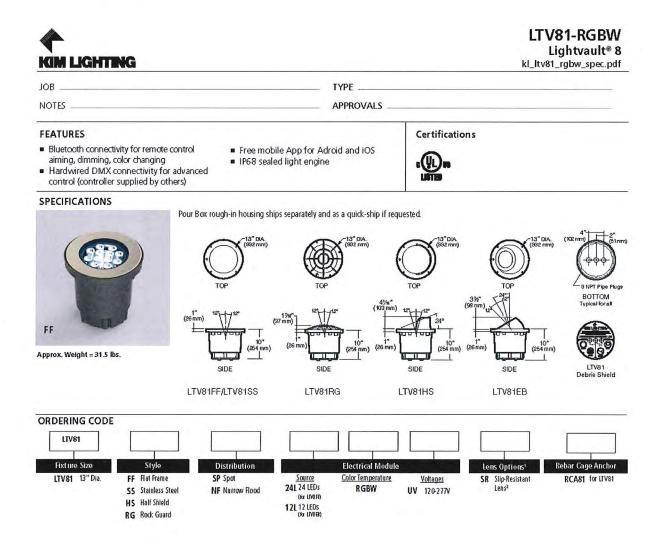


OS: Occupancy sensor for wet location (IP65)



TOLL-FREE: 888-410-5337 | FAX: 614-868-5344 | @ 2017 SpecGradeLED.

E6 - TREE LIGHTING



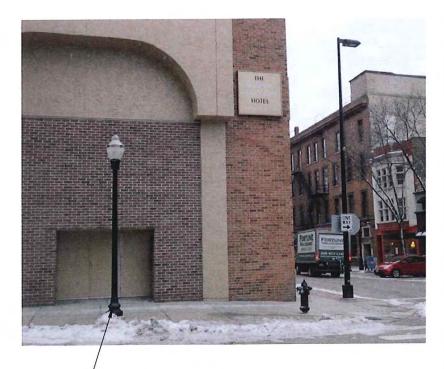
- All lens options are integral parts of component module and must be installed at factory.
 Slip Resistant Lens only available with the Flat Frame and Stainless Steel

Kim Lighting reserves the right to change specifications without notice.

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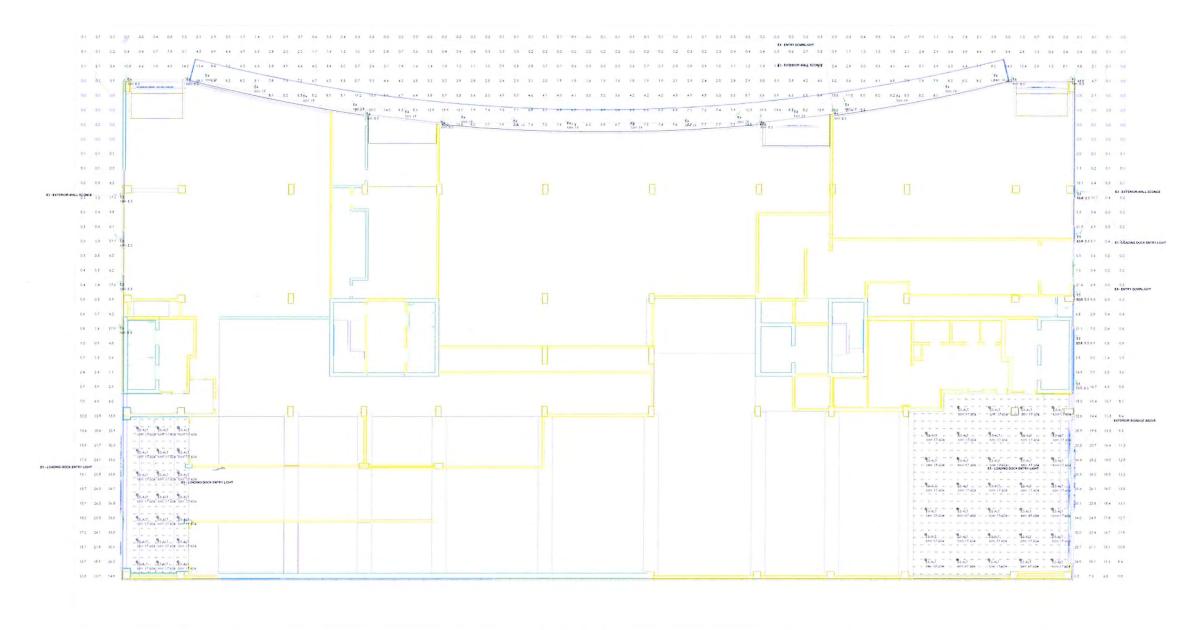
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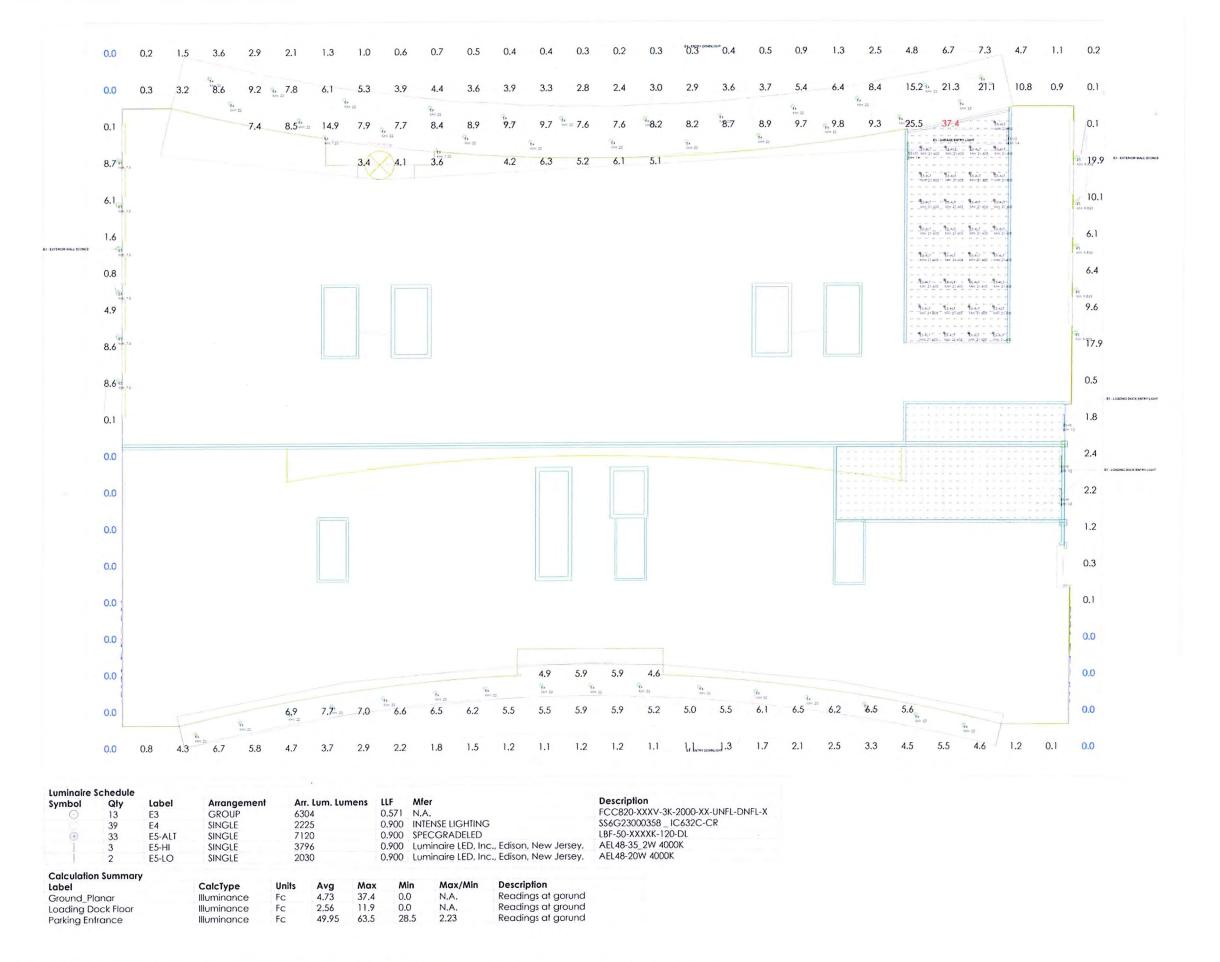
ORNAMENTAL STREET LIGHTS BY CITY OF MADISON -



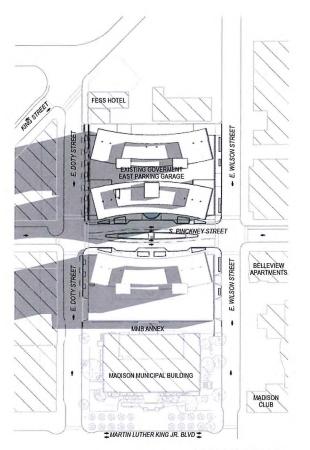


Luminaire S								•				
Symbol	Qty	Label	Arrangement	Arr.	Lum. Lun			fer		Description		
0	17	E3	GROUP	630	14	C	.571 N	.A.		FCC820-XXXV-3K-2000-XX-UNFL	L-DNFL-X	
	16	E4	SINGLE	222	5	C	.900 IN	ITENSE LIGHTING		SS6G23000358 IC632C-CR		
0	55	E5-ALT	SINGLE	712	0	C	.900 SI	PECGRADELED		LBF-50-XXXXK-120-DL		
Room Sum Label	mary	Wall Ht. [Description									
Label			Description									
Label Calculation				Unite	Aul		AAIm	Many /Adia	Decadation			
Label Calculation Label	n Summai		CalcType	Units	Avg	Max	Min	Max/Min	Description			
Label Calculation	n Summai			Fc	Avg 6.79	Max 61.9	0.0	Max/Min N.A.	Description Readings at ground			
Label Calculation Label	n Summa i ar	ry	CalcType					A	Section Control of the Control of th	r		

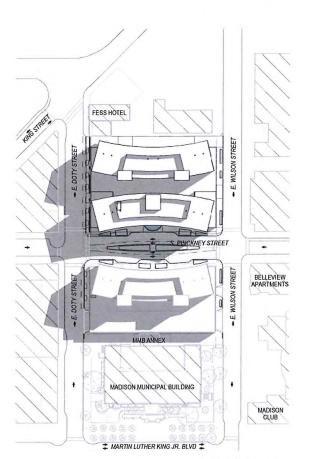
4-06-



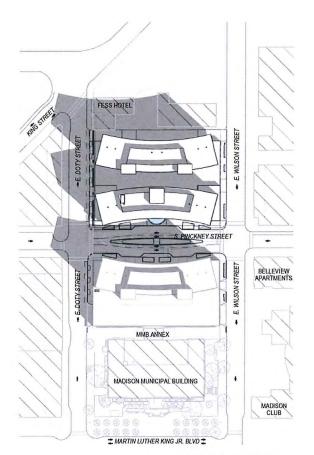




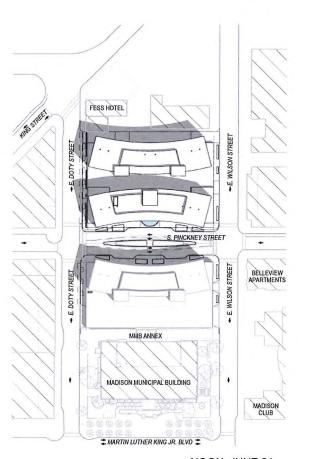
9 AM, MARCH 21



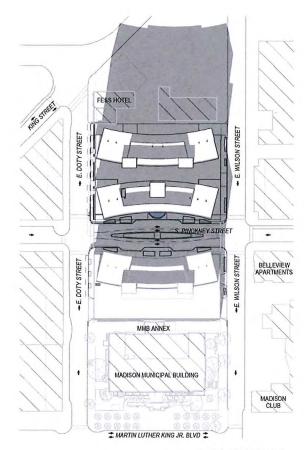
9 AM, JUNE 21



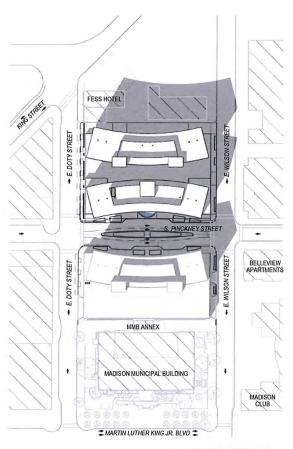
NOON, MARCH 21



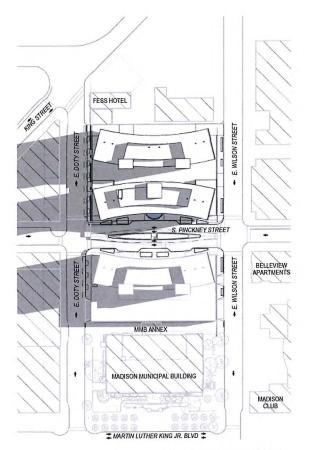
NOON, JUNE 21



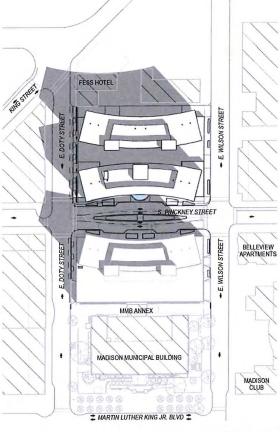
3 PM, MARCH 21



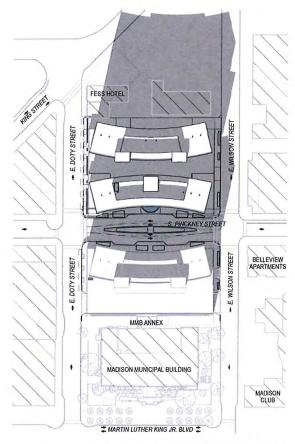
3 PM, JUNE 21



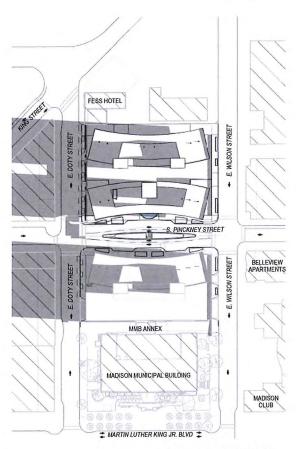
9 AM, SEPTEMBER 21



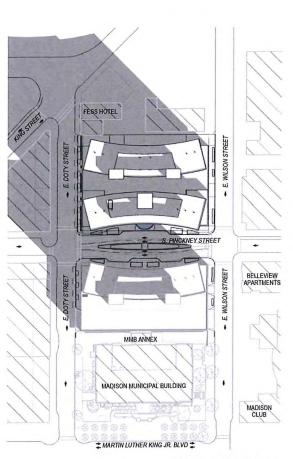
NOON, SEPTEMBER 21



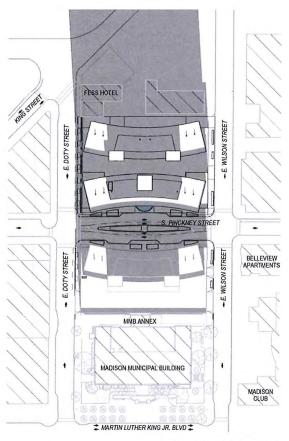
3 PM, SEPTEMBER 21



9 AM, DECEMBER 21



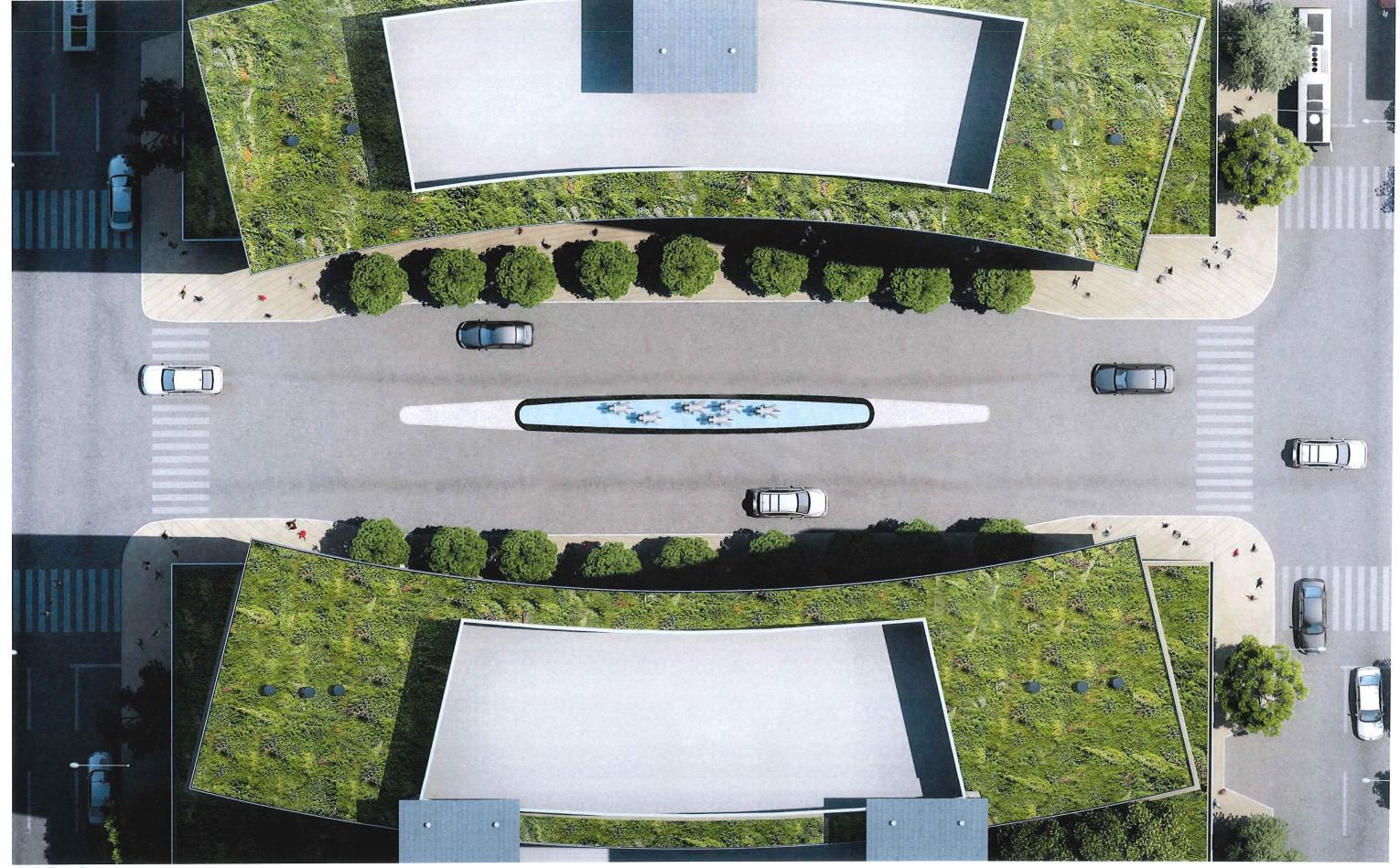
NOON, DECEMBER 21



3 PM, DECEMBER 21



RENDER - OVERALL SITE PLAN



RENDER - PINCKNEY ST. SITE PLAN

4-09



DOTY STREET



RENDER - STREET WALLS

WILSON STREET



FOR CITY OF MADISON AND BEITLER REAL ESTATE RENDER - PINCKEY STREET PERSPECTIVE



RENDER - PINCKNEY STREET AERIAL



FOR CITY OF MADISON AND BEITLER REAL ESTATE RENDER - 105 APARTMENT ENTRY DRIVE

4-13



RENDER - 88 APARTMENT ROOF DECK

