

CITY FILE NO.
PA 22-035

PROJECT
NEW AUTO DEALERSHIP
KENDALL SUBARU
SMOKEY POINT BLVD.
MARYSVILLE, WASHINGTON 98223

REVISIONS
Site Design Review Clarification 11-21-2022

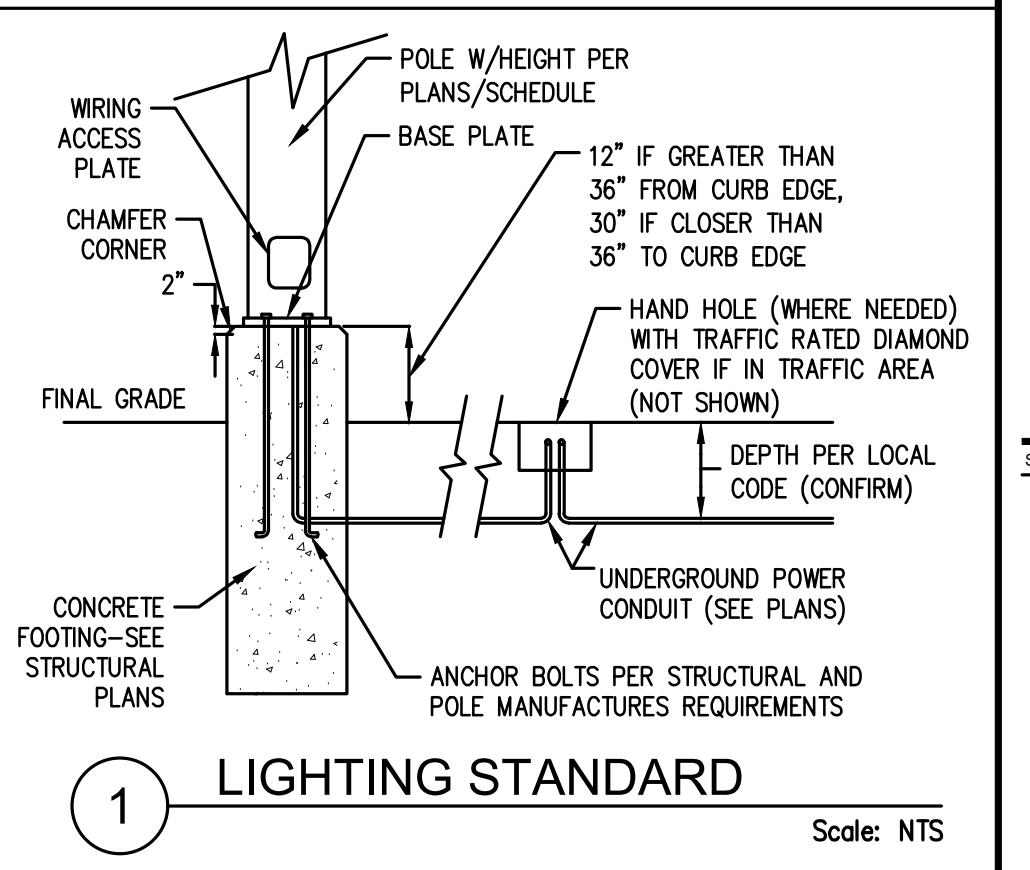
DATE
08/25/2022
SHEET TITLE
ELECTRICAL SITE FOOTCANDLE PLAN

DRAWN BY: Yumi Roth
DESIGNER: Jeff Hudson
CHECKED BY: Tim Carr
SHEET

E1.10

GENERAL NOTES

- A. CALCULATIONS ASSUME A 0.90 LIGHTING LOSS FACTOR.
- B. ARCHITECT TO DEFINE ALL COLORS & FINISHES.
- C. ELECTRICAL CONTRACTOR SHALL DESIGN CONTROLS TO COMPLY WITH 2018 WSEC, SEE LIGHTING CONTROL SCHEDULE ON THIS SHEET FOR CONTROL FUNCTIONS.
- D. COORD. WI GC FOR LIGHT STANDARD FOOTING, ELEVATE FOOTING ABOVE GRADE WHERE POSSIBILITY OF BEING HIT BY A CAR. VERIFY HEIGHT.
- E. ALL SITE LIGHTS TO BE DARK SKY COMPLIANT FIXTURES.
- F. ELECTRICAL POWER DESIGN, CIRCUITING, DISTRIBUTION, METERING, ETC. SHALL BE DESIGNED BY OTHERS. THIS PLAN SHOW LIGHTING PERFORMANCE AND CONTROLS ONLY.



LIGHTING STANDARD

Scale: NTS

LIGHT FIXTURES AT EXIT DISCHARGE DOORS ARE NOT SHOWN ON SITE PLAN.

SITE LIGHTING ANALYSIS

Marysville Municipal Code: 22C.020.250(4)(d) Commercial Ext. Lighting / 22C.130.50(3)(d) Parking Illumination

BASIC	IESNA RECOMMENDED ILLUMINATION LEVEL (IESNA HANDBOOK 10th Edition)	Marysville CODE (IMMC) Requirements	ACTUAL PER PHOTOMETRIC PLAN
Zone	GC (General Commercial)		
Max. Pole Height - Parking Lot	--	25ft Max	25ft Max
Max. Pole Height - Pedestrian Area	--	15ft	14ft
Fixture Type	Shielding provided / Full cut-off / Dark Sky Rated		
Minimum Horizontal Illuminance	.2 fc	0.5 fc min.	.6 fc
Pedestrian Area (walkway, Entry) Min	1 fc	1-2 fc ave. min.	>1 fc
Pedestrian Area (walkway, Entry) Max.	--	4 fc	4 fc
Parking Average Illuminance Range	.5-3 fc ave.	undefined*	3 fc
Parking Uniformity Ratio (AVE:MIN)	2:1	undefined*	2:1
Parking Minimum Illuminance	0.1 fc	undefined*	1 fc
Car Sales Lot Display front Ave.	10 fc	undefined*	9 fc
Maximum Light Trespass @ Business	--	.5fc	< 0.4 fc
Street Light Min. Ave	--	1.4 fc	1.4 fc
Street Light (AVE:MIN)	--	4:1 max	3:1

The parking area lighting is designed to prevent glare to motorists on public street and to residents of adjoining properties and are Dark Sky Friendly approved fixtures. The parking area lighting also meets the level of illumination, uniformity ratios and minimum lumen intensities specified in the illumination guidelines set by the Illumination Engineering Society of North America, current edition and AMC title.

* where code requirements are indicated w/ 'undefined', IESNA values shall be used as basis of design.

ELECTRICAL SITE LIGHTING PLAN

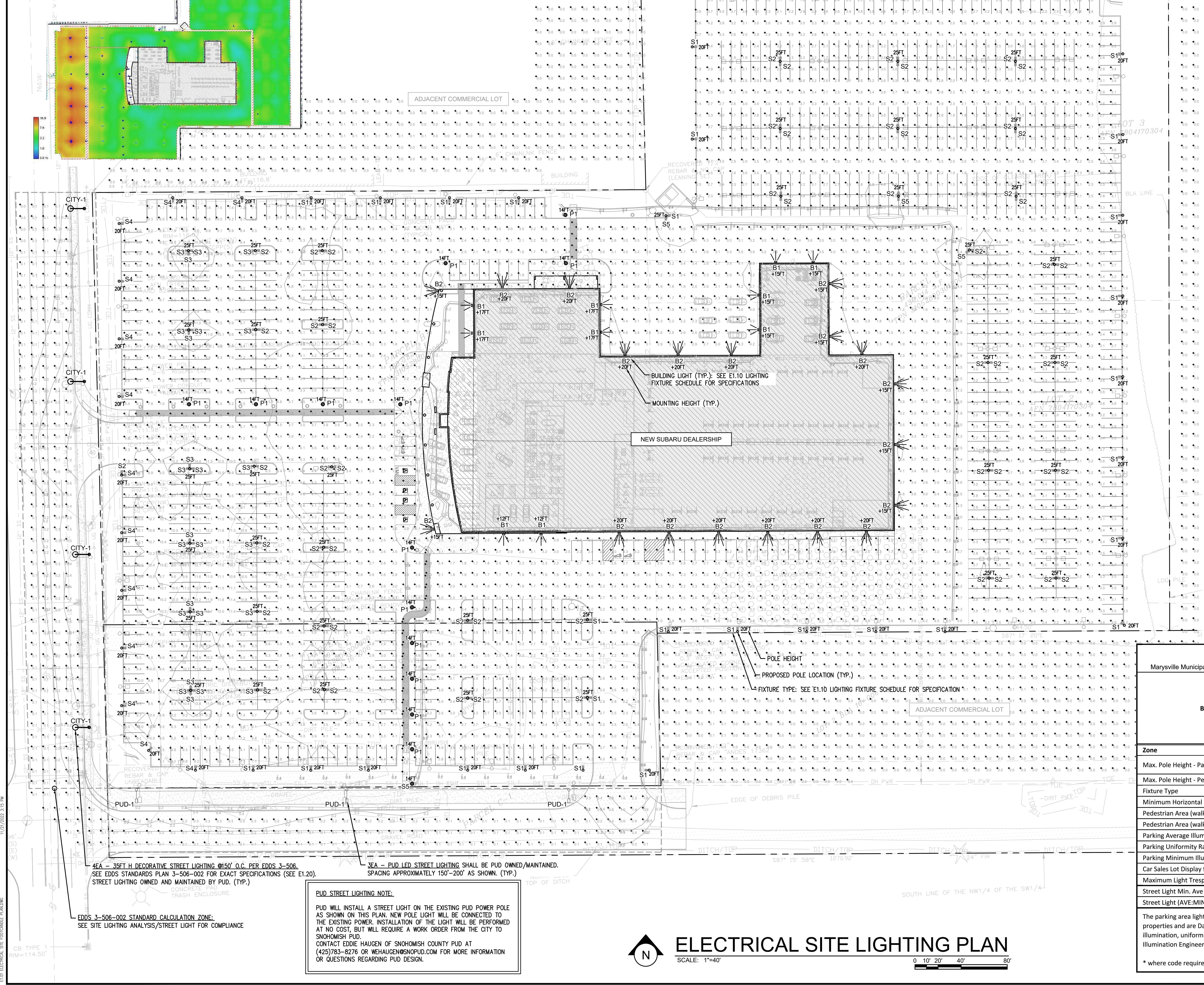
SCALE: 1"=40'

0 10' 20' 40' 80'



PUD STREET LIGHTING NOTE:
PUD WILL INSTALL A STREET LIGHT ON THE EXISTING PUD POWER POLE AS SHOWN ON THIS PLAN. NEW POLE LIGHT WILL BE CONNECTED TO THE EXISTING POWER. INSTALLATION OF THE LIGHT WILL BE PERFORMED AT NO COST, BUT WILL REQUIRE A WORK ORDER FROM THE CITY TO SNOHOMISH PUD.
CONTACT EDDIE HAUGEN OF SNOHOMISH COUNTY PUD AT (425)783-8276 OR WEHAUGEN@SNOPUD.COM FOR MORE INFORMATION OR QUESTIONS REGARDING PUD DESIGN.

EDDS 3-506-002 STANDARD CALCULATION ZONE:
SEE SITE LIGHTING ANALYSIS/STREET LIGHT FOR COMPLIANCE





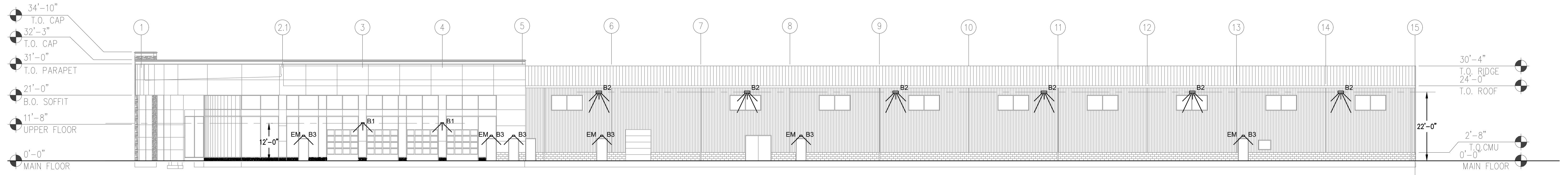
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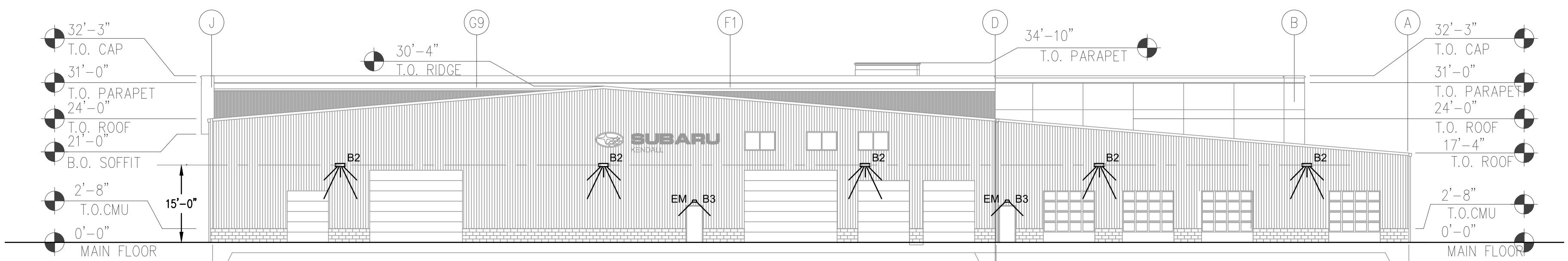
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SHEET TITLE
ELECTRICAL
LIGHTING
ELEVATIONS

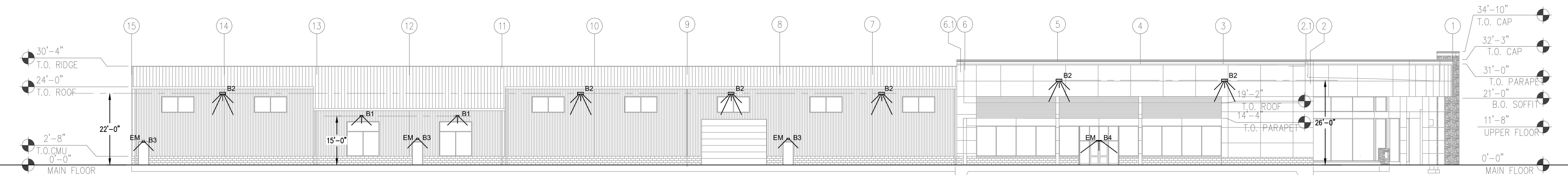
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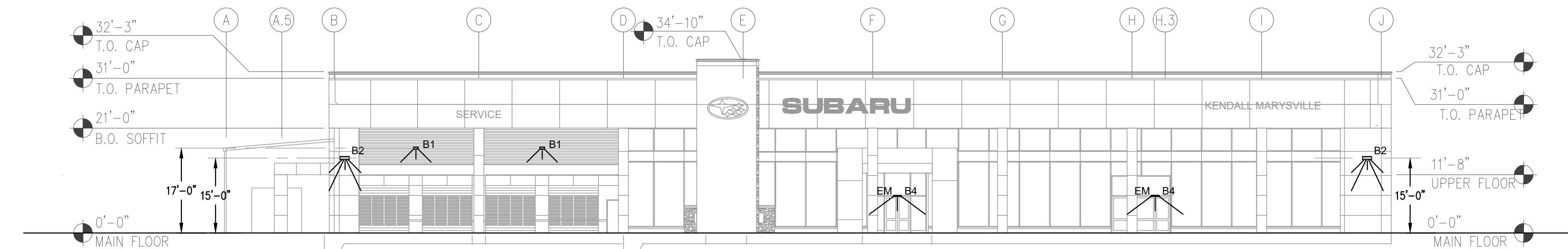
SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION



WEST ELEVATION

Type	Description	Manufacturer	Model #	Color Temp	Lamp	Shield	Voltage	Watts	Lumen	BUG	Notes
Exterior Site Lighting Equipment											
S-1	LED single Head Parking Pole Light w/ Pole. Tot Ht: 20ft; Type 4 dist & Backlight control	Lithonia	DSX1 LED P2 30K T4M BLC MVOLT PIRH1FC3V	3000k	Integrated LED	YES	UNIV	70	6,770	2 0 2	total pole height: 20ft Provide PE Cell & Motion Sensor
S-2	LED single Head Parking Pole Light w/ Pole. Tot Ht: 25ft; Type 4 dist	Lithonia	DSX1 LED P3 30K T4M MVOLT PIRH1FC3V	3000k	Integrated LED	NO	UNIV	102	11,426	2 0 3	total pole height: 25ft Provide PE Cell & Motion Sensor
S-3	LED single Head Parking Pole Light w/ Pole. Tot Ht: 25ft; Type 4 dist	Lithonia	DSX2 LED P2 30K T4M MVOLT PIRH1FC3V	3000k	Integrated LED	NO	UNV	185	21,857	3 0 4	total pole height: 25ft Provide PE Cell & Motion Sensor
S-4	LED single Head Parking Pole Light w/ Pole. Tot Ht: 20ft; Type 4 dist & Backlight control	Lithonia	DSX1 LED P3 30K BLC MVOLT PIRH1FC3V	3000k	Integrated LED	YES	UNV	102	9570	1 0 2	total pole height: 20ft Provide PE Cell & Motion Sensor
S-5	LED Head ONLY. Type 4 dist	Lithonia	DSX2 LED P4 30K T4M MVOLT PIRH1FC3V	3000k	Integrated LED	YES	UNV	273	34,123	3 0 5	total pole height: 25ft Provide PE Cell & Motion Sensor
P1	LED Pedestrian Pole-top Light w/ Pole. Tot Ht: 14ft; SYM dist	Lithonia	RADPT LED P2 30K SYM 120V PIR/PE/FAO	3000k	Integrated LED	NO	120	38	4931	3 2 1	total pole height: 14ft Provide PE Cell & Motion Sensor
B-1	LED Building Light	Lithonia	DSXW1 LED 10C 1000 30K T4M MVOLT	3000k	Integrated LED	NO	UNV	39	3534	1 0 2	Control via Timelock and Building Mounted PE Cell
B-2	LED Building Light	Lithonia	DSXW2 LED 10C 1000 30K T4M MVOLT	3000k	Integrated LED	NO	UNV	73	7076	1 0 2	Control via Timelock and Building Mounted PE Cell
B-3	LED Building Light @ Doors (1,163 LM)	Lithonia	WDGE1LED P1 30K 90CR1 VW MVOLT E4WH	3000k	Integrated LED	NO	UNV	10	1163	0 0 0	with Emergency Backup
B-4	LED Mullion Storefront Door Light	Signtex	MUE BB 20 W DG SD	3000k	Integrated LED	NO	UNV	20			Normally ON
CITY-1	LED Decorative Street Light Type 3 dist. per EDDS 3-506-002 (See below)	Cyclone	Majesta #CO12P1A	4000k	Integrated LED	--	UNV	120	10458	2 3 3	See Standard Plan 3-506-002 below for more details.
PUD-1	PUD LED Street Light - Collector Arterial	---	per PUD requirements	--	Integrated LED	--	--	--	--	--	Contact Eddie Haugen of Snohomish PUD for more info.

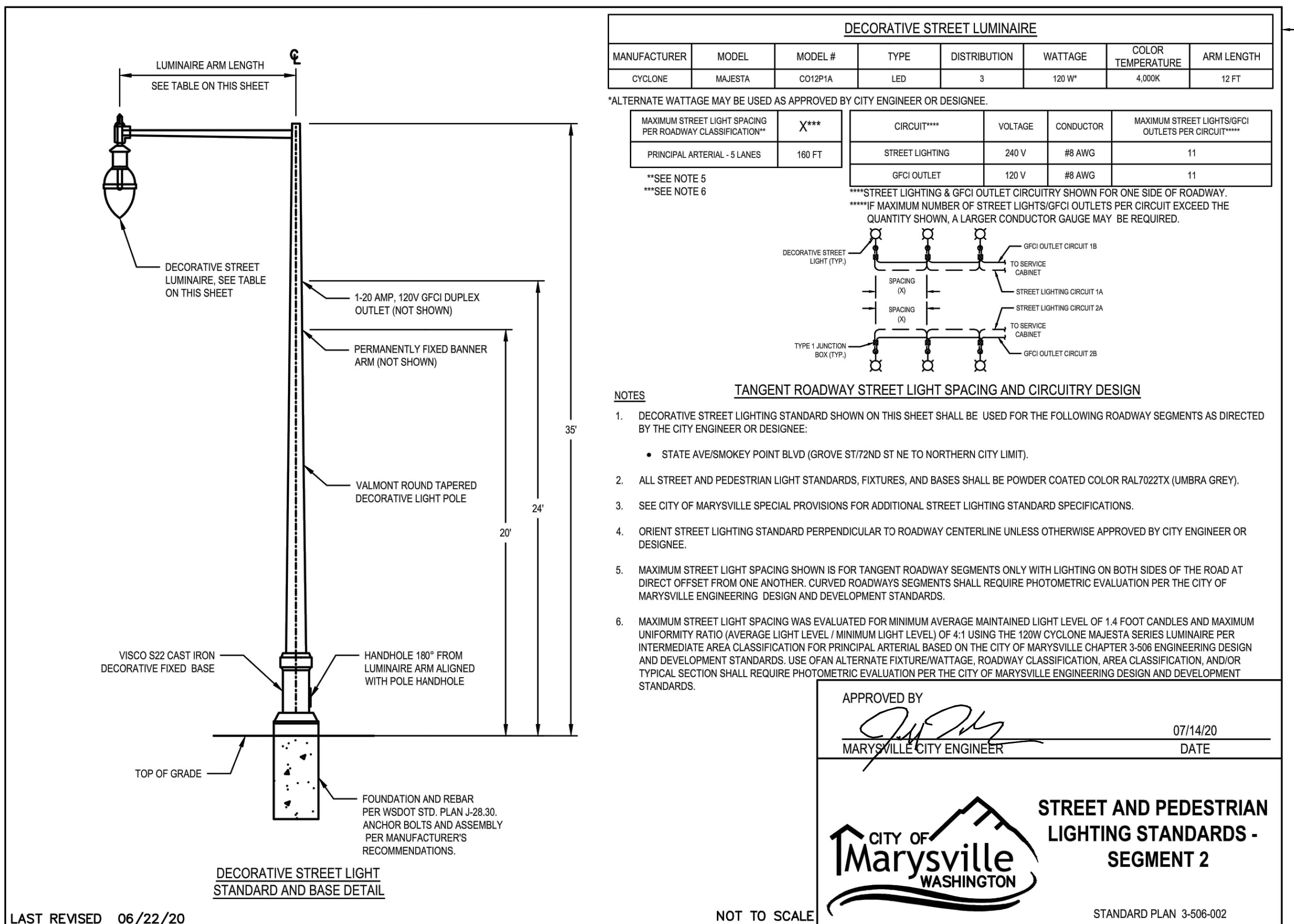
GENERAL NOTES

- ALL FINISH/COLOR BY OTHERS
- CONFIRM ALL FIXTURE TYPES WITH ARCHITECT AND ENSURE FIXTURES INSTALLED DO NOT EXCEED INPUT WATTS INDICATED.
- EC SHALL BE RESPONSIBLE TO INSTALL ALL CONTROL COMPONENTS AND WIRING PER MANUF'S REQUIREMENTS. SEE LIGHTING CONTROL REQUIREMENT.
- PROVIDE CONNECTIONS AND ACCESSORIES AS NEEDED.
- PROVIDE MATCHING POLE AND MOUNTING HARDWARE. POLE STYLE SHALL BE APPROVED BY OWNER.

EXTERIOR LIGHTING CONTROL			
CODE 2018 WSEC C405.2.6			
section	Title	How achieved (1)	Control Function Required
C405.2.6.1	Daylight Shutoff	via Pole Mounted Motion/Ambient Sensor (PIRH1FC3V)	configured to automatically turn OFF when daylight is present and satisfies the lighting needs.
C405.2.6.3	Lighting Setback	Via Pole Mounted Motion/Ambient Sensor (PIRH1FC3V)	Wattage to automatically reduce by no less than 30% during any period when no activity has been detected for 15 minutes or more.

GENERAL NOTES

- SEE LIGHTING FIXTURE SCHEDULE
- EC SHALL BE RESPONSIBLE TO INSTALL ALL CONTROL COMPONENTS AND WIRING PER MANUF'S REQUIREMENTS. SEE LIGHTING CONTROL REQUIREMENT.



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E1.20

WDGE1 LED
Architectural Wall Sconce

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

Introduction

The WDGE1 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 true site-wide solution.

WDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

WDGE LED Family Overview

Luminaire	Standard EM, C	Cold EM, -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WDGE1 LED	4W	—	—	1,200	2,000	—	—	—	—
WDGE1 LED	10W	18W	Standalone / Night	1,200	2,000	3,000	4,500	6,000	—
WDGE1 LED	15W	18W	Standalone / Night	7,500	8,500	10,000	12,000	—	—
WDGE1 LED	—	—	Standalone / Night	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE1 LED	P1	27K 2700K	80CRI	VF	Visual comfort forward throw	347°
	P2	80K 3000K	90CRI	VW	Visual comfort wide	
		35K 3500K				
		40K 4000K				
		50K 5000K				

Options

EMB: Emerging battery backup, Certified in CA Title 20 MAEBRS (4W, 0°C min)
PC: Photocell, Button type
DS: Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)
DMG: 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)
DCE: Bottom conduit entry for back box (PBBW). Total of 4 entry points.
BAA: Buy America(®) Act Compliant

Accessories

Accessories (Order separately)

WDGSH1000D WDGE1 3-Bolt Architectural Wall Saver (specify finish)
WDGE1PBBW D900 U WDGE1 surface mounted back box (specify finish)

WDGE1 LED
COMMERCIAL OUTDOOR
One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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D-Series Size 1
LED Wall Luminaire

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

d'series

Specifications

Luminaire

Width: 13-3/4" (34.9 cm) Weight: 12 lbs (5.4 kg)

Depth: 10" (25.4 cm)

Height: 6-3/8" (16.2 cm)

Back Box (BBW, E20WC)

Width: 13-3/4" (34.9 cm) Weight: 5 lbs (2.3 kg)

Depth: 4" (10.2 cm) Weight: 10 lbs (4.5 kg)

Height: 6-3/8" (16.2 cm)

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED		Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	100	10 LEDs (one engine)	350 mA	T25	Type II Short (black)	MVOLT	Shipped included	PE (Photocell, button type) 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR motion/ambient light sensor, <15 mgft ² /h ^{1/2}	Shipped installed (black) Surface mounting bracket
	20C	20 LEDs (two engines)	700 mA	50K 5000K	T25 Type II Medium (AMPC)	E20WC	120°	T2M Type II Medium (AMPC)	DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR motion/ambient light sensor, 15-30 mgft ² /h ^{1/2}
			1000 mA (1A)	T35	Type III Short (AMPC)	208°	T3M Type III Medium (AMPC)	PIR PIR1FCIV Motion/ambient sensor, 8-15° mounting height, ambient sensor enabled at 1ft ²	
				T4M	Type IV Medium (TFTM)	277°	TFTM Forward Throw Medium (480°)	PIR1FCIV Motion/ambient sensor, 15-30° mounting height, ambient sensor enabled at 1ft ²	
				TFTM	Forward Throw Medium (480°)	347°		PIR1FCIV Motion/ambient sensor, 15-30° mounting height, ambient sensor enabled at 1ft ²	
						347°		PIR1FCIV Motion/ambient sensor, 15-30° mounting height, ambient sensor enabled at 1ft ²	
							E20WC	Emergency battery backup (Includes external component enclosure), CA Title 20 compliant ¹⁴	

Other Options

Shipped installed
SF Single fuse (120, 277 or 347V)¹⁵
DF Double fuse (208, 240 or 480V)¹⁶
HS House-side shield¹⁷
SPD Separate surge protection¹⁸

Accessories

Accessories (Order separately)

NOTES
1 30K not available in 90CRI. 4 PE not available with DS.
2 347V not available with E4W, DS or PE.
3 E4W not available with PE or DS.
4 Not available with 347V.
5 Not qualified for DLC. Not available with E4W.
6 Only available with 20C, 240V.
7 Box box ship included fixture. Cannot be field installed. Cannot be ordered as an accessory.
8 Reference Model table on page 10.
9 See note as per CW. Color temperature not met. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com.

DSXW1 LED
COMMERCIAL OUTDOOR
One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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D-Series Size 2
LED Wall Luminaire

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

d'series

Specifications

Luminaire

Width: 18-1/2" (47.0 cm) Weight: 21 lbs (9.5 kg)

Depth: 10" (25.4 cm)

Height: 7-5/8" (19.4 cm)

Back Box (BBW)

Width: 5-1/2" (14.0 cm) Weight: 1 lbs (0.5 kg)

Depth: 1-1/2" (3.8 cm) Weight: 1 lbs (0.5 kg)

Height: 4" (10.2 cm)

Ordering Information

EXAMPLE: DSXW2 LED 30C 700 40K T3M MVOLT DDBTXD

DSXW2 LED		Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW2 LED	20C	20 LEDs (two engines)	350 mA	80K 8000K	T25	MVOLT	Shipped included	PE (Photocell, button type) 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR motion/ambient light sensor, <15 mgft ² /h ^{1/2}	Shipped installed (black) Surface mounting bracket
	30C	30 LEDs (three engines)	700 mA	40K 4000K	T2M	120°	T2M Type II Medium (AMPC)	PER (NEA) twist-lock receptacle only (control ordered separately) Five-wire receptacle only (control ordered separately) PIR motion/ambient light sensor, 15-30 mgft ² /h ^{1/2}	
			1000 mA (1A)	50K 5000K	T35	208°	T3M Type III Medium (AMPC)	PER7 Seven-wire receptacle only (control ordered separately)	
				60K 6000K	T4M	277°	TFTM Forward Throw Medium (480°)	DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	
					TFTM	347°		PIR1FCIV Motion/ambient sensor, 15-30° mounting height, ambient sensor enabled at 1ft ²	
						347°		PIR1FCIV Motion/ambient sensor, 15-30° mounting height, ambient sensor enabled at 1ft ²	
							E20WC	Emergency battery backup (Includes external component enclosure), CA Title 20 compliant ¹⁴	

Other Options

Shipped installed
SF Single fuse (120, 277 or 347V)¹⁵
DF Double fuse (208, 240 or 480V)¹⁶
HS House-side shield¹⁷
SPD Separate surge protection¹⁸

Accessories

Accessories (Order separately)

NOTES
1 20C 1000 is not available with PIR, PIR1FCIV or PIR1FCV.
2 MVOLT driver operates on any line voltage from 120-277 (50/60 Hz).

DSXW2 LED
COMMERCIAL OUTDOOR
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EX-2 MOONLITE LED®

Mullion Mount Outdoor Emergency Egress Lighting

Series MUE
REV #: MUE.11.20.17

PROJECT: _____

TYPE: _____

CATALOG #: _____

OVERVIEW

Linear LED outdoor egress with both emergency lighting and night lighting function. The MUE series is designed to mount directly on mullion frames in typical glass panel entrance structures, with vertical mounting surface as small as 2". High efficiency LEDs and full 90° cut-off provide uniform emergency and night lighting on the extended egress pathway. All models are outdoor rated, UL wet location, ADA compliant, and exceed requirements of UL Standard 924 and NFPA 101. Designed and manufactured in the USA, complies with ARRA (American Recovery and Reinvestment Act) and Buy American requirements.

SPECIAL FEATURES

- Very low profile extruded aluminum housing and mount bracket blend seamlessly with structural metal frames
- Remote power supply for 10W and 20W BB and AC model single fixtures, or Central Battery System power for 10W model multiple fixtures
- Option for 20 watt models to operate for 2 hours in emergency mode
- Options for mount bracket height, from 2" to 5"
- Standard finishes include Brushed Aluminum, Satin White, Bronze or Black. Custom colors available upon request
- Custom satin finishes for extended outdoor use are available to match any surface
- IP66 housing seals against heavy water spray and fine dust
- Up and side or top mount
- Wide lighting distribution designed for entrance walkways
- 10W and 20W emergency power models
- Optional normal-on switch allows timed control of night lighting
- Self-Test Diagnostics is standard for central battery models and optional for integral battery models.
- Certified IP66 housing withstands multi direction water spray and fine dust ingress
- Wall mount version available (see Series MUE)
- Standard CRI 5000K, with optional color corrections filters for 2900K, 3200K and 3800K.
- Code compliant emergency lighting layouts provided

Fixture Ordering Information Example: MUEBB10AW-DG

MUE	Model Series	Operation	Power	Housing Color	Mount	Options
MUE	RE	Central Battery	10 Watts emergency and normal on power	W Satin White	T Top	DG Self-test diagnostics (BB models only)
	BB	Battery backup (includes RPS)	20 Watts emergency and normal on power	A Aluminum	W Wall	SD Night Lighting Control Switch (120/277VAC)
	AC	No battery (includes RPS)		B Dark Bronze	X Custom	SB120 Night Lighting Control Switch for standard BB models (120VAC)
						SB277 Night Lighting Control Switch for standard BB models (277VAC)
						REC 20W RPS panel recessed mount
						ZEM 2 hrs emergency operation for BB models
						CW1 Color temp. - 3800K
						CW2 Color temp. - 3200K
						CW3 Color temp. - 2900K
						DAC Dual AC input
						ZHT 2" Mount Bracket height
						SHT 5" Mount Bracket height

Signtex Inc
INTELLIGENT EMERGENCY LIGHTING SYSTEMS

Radean Post Top
LED Area Luminaire

Buy American

Specifications

EPA:	1.02 ft ² (0.105 m ²)
Length:	24"
Width:	24"
H1 Luminaire Height:	4" (10.16cm)
H2 Luminaire Height:	26" (64.04cm)
Weight:	38lbs (17.24kg)

Introduction

The architecturally-inspired shape of the RADEAN™ post top area luminaire embodies the grace and strength of the RADEAN family. The twin copper-core cast aluminum arms support the slender superstructure, creating a beautiful sculpture by day transforming into a beacon of comfort by night. Triangular arms redirect reflection maintaining its visually quiet appearance. With sleek lines and simple silhouettes, these LED luminaires use specialized lighting and visual comfort to transform common areas like courtyards, outdoor retail locations, universities and corporate campuses into pedestrian-friendly nighttime environments.

Ordering Information

EXAMPLE: RADPT LED P3 30K SYM MVOLT PT4 PIR DNAXD					
RADPT LED		Performance package		Color temperature	Distribution
P1	3,000 lumens	27K	2700K	SYM Symmetric type V	MVOLT 277 ¹
P2	5,000 lumens	30K	3000K	ASY Asymmetric type V	P14 ¹ 347
P3	7,000 lumens	35K	3500K	PATH Pathway type II	208 ¹ 480
P4	10,000 lumens	40K	4000K		
P5	15,000 lumens	50K	5000K		

Control options

Shipped installed	Other options	Finish
NLTAR2 Bi-level A1 generation 2 enabled ¹	SF Single Fuse ²	DOB0 Dark bronze
PR Bi-level motion sensor (100% to 30%) ³	DF Double Fuse ²	DBX0 Black
(PE) Button photocell ¹	R90 Rotated optics ⁴	DNAX0 Natural aluminum
(FAO) Field adjustable output ⁵		DWHD0 White

Notes

1. NLTAR2 Bi-level A1 generation 2 enabled¹
2. SF Single Fuse²
3. PR Bi-level motion sensor (100% to 30%)³
4. PE Button photocell¹
5. FAO Field adjustable output⁵

D-Series Size 2
LED Area Luminaire

Buy American

Specifications

EPA:	1.11 ft ² (0.105 m ²)
Length:	40"
Width:	15" (38.1 cm)
Height 1:	7-1/4" (18.4 cm)
Height 2 (max):	3.5"
Weight:	36lbs

Introduction

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. The Size 2 is ideal for replacing 400-1000W metal halide in area lighting applications with energy savings of up to 80% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX2 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD					
DSX2 LED		LEDs	Color temperature	Distribution	Voltage
DSX2 LED	Forward optics	SYK 3000K	T15 Type I Short (Automotive)	TOV Type V Very Short	480V
	P1 P2	40K 4000K	T55 Type V Short ¹	XVOLT SPA Square pole mounting	
	P3 P4 ¹	50K 5000K	T25 Type V Medium ¹	RPA Round pole mounting ²	
	Rotated optics		T2M Type II Medium ¹	WBA Wall bracket ¹	
	P5 P6 ¹		T5W Type V Wide ¹		
	P7 P8 ¹		208 ¹ SPUMBA Square pole universal mounting adaptor ¹		
	P9 P10 ¹		T3M Type III Medium ¹	RPUMBA Round pole universal mounting adaptor ¹	
	P11 P12 ^{1,2}		T4M Type IV Medium ¹	LCC0 Left corner cutoff ¹	
			TFTM Forward Throw Medium	RCC0 Right corner cutoff ¹	
				KMAS DOB0 U Mast arm mounting bracket adaptor (specify finish) ^{1,3}	

Control options

Shipped installed	Other options	Finish
NLTAR2 Bi-level A1 generation 2 enabled ¹	PIR Bi-level motion/ambient sensor ⁴	DOB0 Dark bronze
PER Network, Bi-level motion/ambient sensor ⁵	PRIFC0V High/low motion/ambient sensor, 15-30" mounting height, ambient sensor enabled at 15" ⁶	DBX0 Black
PER5 Five-pin receptacle only (no controls) ^{7,8}	PRIFCV High/low motion/ambient sensor, 15-30" mounting height, ambient sensor enabled at 15" ⁶	DNAX0 Natural aluminum
PER7 Seven-wire receptacle only (no controls) ^{7,8}	FAO Field Adjustable Output ⁹	DWHD0 White
DMG 0-10V dimming ext. out back of housing for external control (no controls) ¹⁰		
DS Dual switching ¹¹		

Notes

1. NLTAR2 Bi-level A1 generation 2 enabled¹
2. PR Bi-level motion sensor (100% to 30%)³
3. PER Network, Bi-level motion/ambient sensor⁵
4. PIR Bi-level motion/ambient sensor⁴
5. PER5 Five-pin receptacle only (no controls)^{7,8}
6. PER7 Seven-wire receptacle only (no controls)^{7,8}
7. DMG 0-10V dimming ext. out back of housing for external control (no controls)¹⁰
8. DS Dual switching¹¹
9. FAO Field adjustable output⁹
10. PER7 Seven-wire receptacle only (no controls)^{7,8}
11. DS Dual switching¹¹

D-Series Size 1
LED Area Luminaire

Buy American

Specifications

EPA:	1.01 ft ² (0.09 m ²)
Length:	33"
Width:	12" (30.5 cm)
Height H1:	7-1/2" (19.0 cm)
Height H2:	3-1/2" (8.9 cm)
Weight (max):	27 lbs (12.7 kg)

Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD					
DSX1 LED		LEDs	Color temperature	Distribution	Voltage
DSX1 LED	Forward optics	SYK 3000K	T15 Type I Short (Automotive)	TOV Type V very short	480V
	P1 P2	40K 4000K	T55 Type V Short ¹	XVOLT SPA Square pole mounting	
	P3 P4 ¹	50K 5000K	T25 Type V Medium ¹	RPA Round pole mounting ²	
	Rotated optics		T2M Type II Medium ¹	WBA Wall bracket ¹	
	P5 P6 ¹		T5W Type V Wide ¹		
	P7 P8 ¹		208 ¹ SPUMBA Square pole universal mounting adaptor ¹		
	P9 P10 ¹		T3M Type III Medium ¹	RPUMBA Round pole universal mounting adaptor ¹	
	P11 P12 ^{1,2}		T4M Type IV Medium ¹	LCC0 Left corner cutoff ¹	
			TFTM Forward throw medium	RCC0 Right corner cutoff ¹	
				KMAS DOB0 U Mast arm mounting bracket adaptor (specify finish) ^{1,3}	

Control options

Shipped installed	Other options	Finish
NLTAR2 Bi-level A1 generation 2 enabled ¹	PIR Bi-level motion/ambient sensor ⁴	DOB0 Dark bronze
PER Network, Bi-level motion/ambient sensor ⁵	PRIFC0V High/low motion/ambient sensor, 15-30" mounting height, ambient sensor enabled at 15" ⁶	DBX0 Black
PER5 Five-pin receptacle only (no controls) ^{7,8}	PRIFCV High/low motion/ambient sensor, 15-30" mounting height, ambient sensor enabled at 15" ⁶	DNAX0 Natural aluminum
PER7 Seven-wire receptacle only (no controls) ^{7,8}	FAO Field Adjustable Output ⁹	DWHD0 White
DMG 0-10V dimming ext. out back of housing for external control (no controls) ¹⁰		
DS Dual switching ¹¹		

Notes

1. NLTAR2 Bi-level A1 generation 2 enabled¹
2. PR Bi-level motion sensor (100% to 30%)³
3. PER Network, Bi-level motion/ambient sensor⁵
4. PIR Bi-level motion/ambient sensor⁴
5. PER5 Five-pin receptacle only (no controls)^{7,8}
6. PER7 Seven-wire receptacle only (no controls)^{7,8}
7. DMG 0-10V dimming ext. out back of housing for external control (no controls)¹⁰
8. DS Dual switching¹¹
9. FAO Field adjustable output⁹
10. PER7 Seven-wire receptacle only (no controls)^{7,8}
11. DS Dual switching¹¹