

# The Rush Funplex

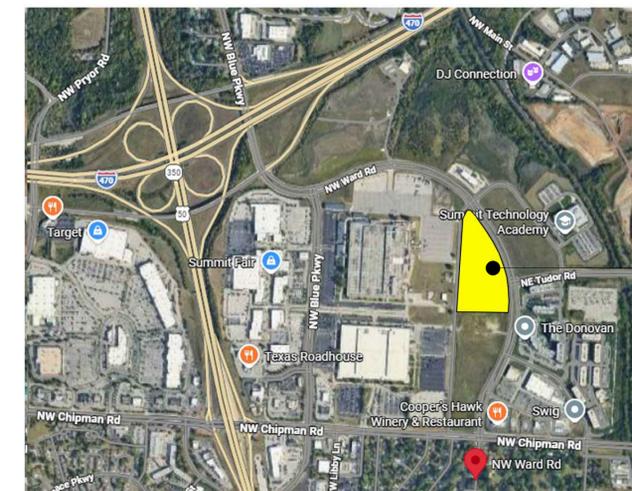
Lot 10 A - Summit Orchards West  
Lee's Summit, Jackson County, MO



New Entertainment Center and Flex/Commercial Space

## Preliminary Development Plans

13 March 2026



**PROPOSED SITE**

**VICINITY MAP**

### GENERAL NOTES:

1. PROPOSED ZONING/BUILDING USES ARE AS FOLLOWS:  
ENTERTAINMENT, RETAIL, COMMERCIAL, OFFICE, FLEX-COMMERCIAL.
2. A COMMON PROPERTY MAINTENANCE AND CROSS EASEMENT PLAN TO BE INCLUDED IN FUTURE RESUBMITTAL. PLAN TO BE IN ACCORDANCE WITH ARTICLE 5 DIVISION V.



### APPLICANT

**RUSH FUNPLEX**  
2940 N. CHURCH STREET, SUITE 202  
LAYTON, UT 84040  
PHONE: (760) 644-5119

### OWNER

**TOWNSEND SUMMIT, LLC.**  
230 SHILLING CIRCLE, SUITE 120  
HUNT VALLEY, MD 21031  
PHONE: (303) 947-2044

### ARCHITECT

**SLAGGIE ARCHITECTS, INC.**  
4600 MADISON AVENUE, SUITE 350  
KANSAS CITY, MO 64112  
PHONE: (816) 756-1958

### CIVIL ENGINEER

**SK DESIGN GROUP, INC.**  
4600 COLLEGE BLVD., STE. 100  
OVERLAND PARK, KS 66211  
PHONE: (913) 451-1818

### LANDSCAPE ARCHITECT

**LORAX DESIGN GROUP**  
8021 SANTA FE DRIVE, SUITE 200  
OVERLAND PARK, KS 66204  
PHONE: (913) 972-7244

### DRAWING INDEX

#### COVER

#### CIVIL

C100	EXISTING CONDITIONS
C200	SITE LAYOUT PLAN
C300	SITE GRADING PLAN
C400	SITE UTILITY PLAN
C500	DRAINAGE AREA MAP
C501	DRAINAGE CALCULATIONS

#### LANDSCAPE

L-100	LANDSCAPE SCHEDULES
L-101	LANDSCAPE PLAN
L-102	LANDSCAPE PLAN
L-103	LANDSCAPE PLAN
L-104	LANDSCAPE PLAN

#### ARCHITECTURAL

A-001	LOT 1 EXTERIOR RENDERINGS
A-002	LOTS 2 & 3 EXTERIOR RENDERINGS
A-101	LOT 1 FLOORPLAN
A-102	LOTS 2 & 3 FLOORPLANS
A-103	TRASH ENCLOSURE AND MONUMENT SIGN
A-201	LOT 1 EXTERIOR ELEVATIONS
A-202	LOT 2 EXTERIOR ELEVATIONS
A-203	LOT 3 EXTERIOR ELEVATIONS
	PRELIMINARY EXTERIOR MATERIALS PALETTE
	PROPOSED EXTERIOR LIGHT FIXTURES

NOT FOR CONSTRUCTION



NOTE: REFER TO LANDSCAPE PLAN FOR EXACT LANDSCAPE SPECIFICATIONS. LANDSCAPE SHOWN IN THESE RENDERINGS IS FOR ILLUSTRATION ONLY.

**The Rush Funplex**  
 New Entertainment Center  
 Lot 10A - Summit Orchards West  
 Lee's Summit, MO

# Revisions:

Project #: 251203-C

Preliminary Development Plan

13 March 2026

Lot 1  
 Exterior Renderings



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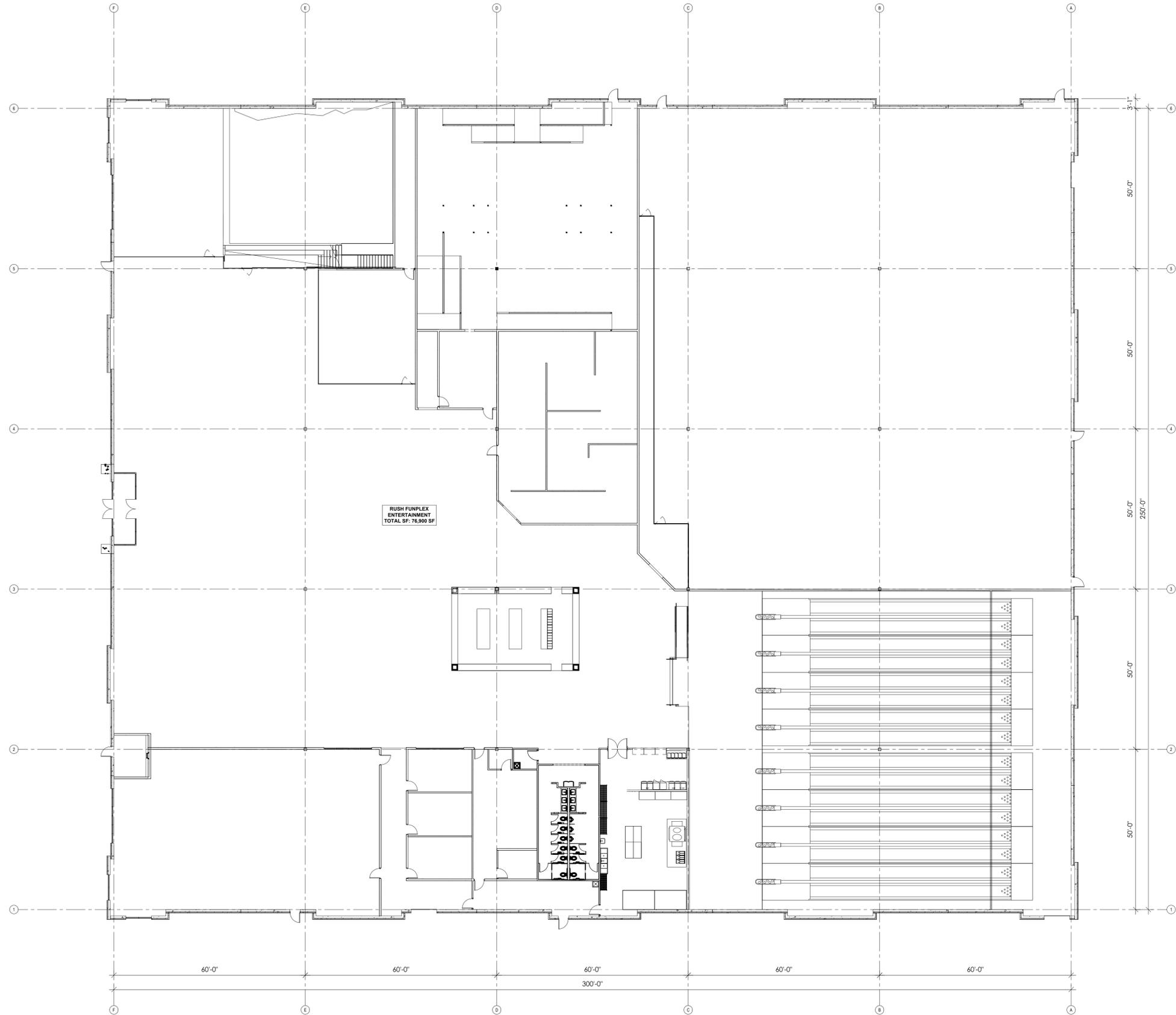
Preliminary Development Plan

13 March 2026

Lots 2 & 3  
 Exterior Renderings

NOT FOR CONSTRUCTION

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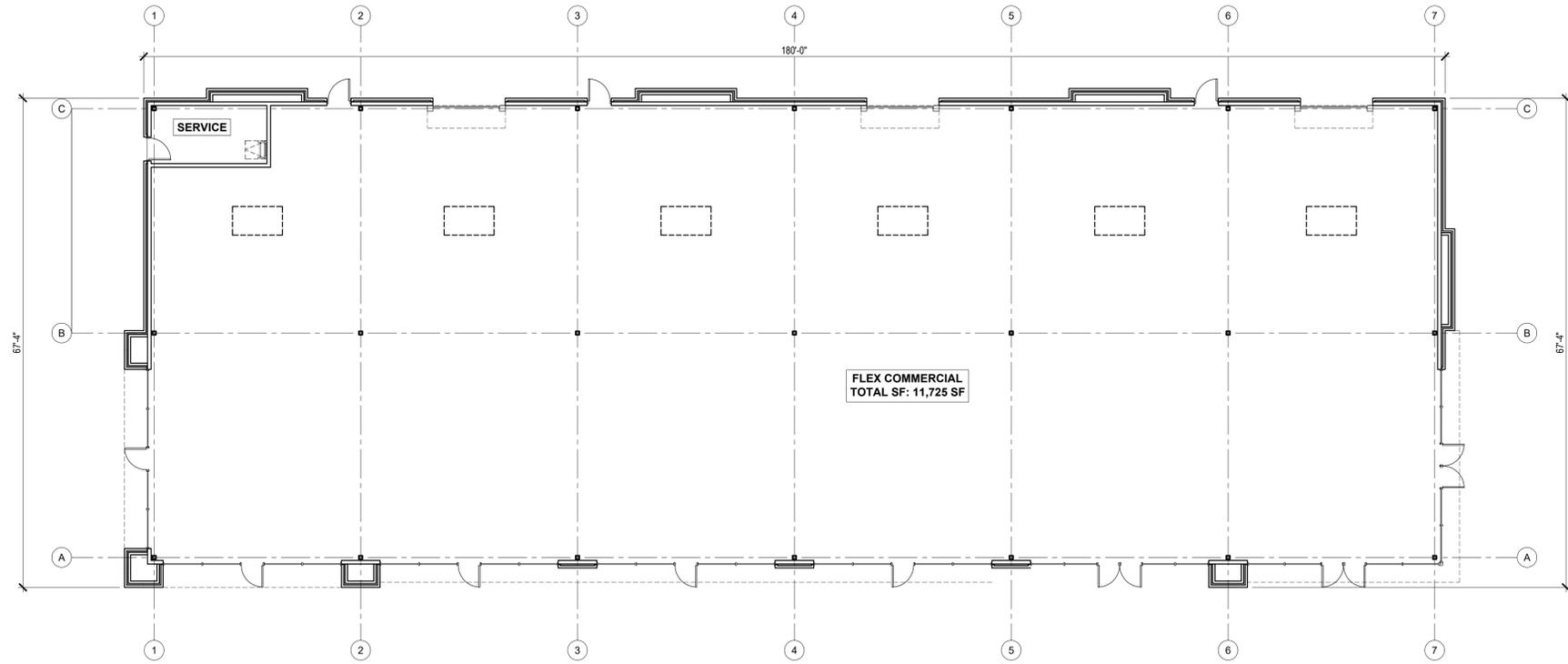

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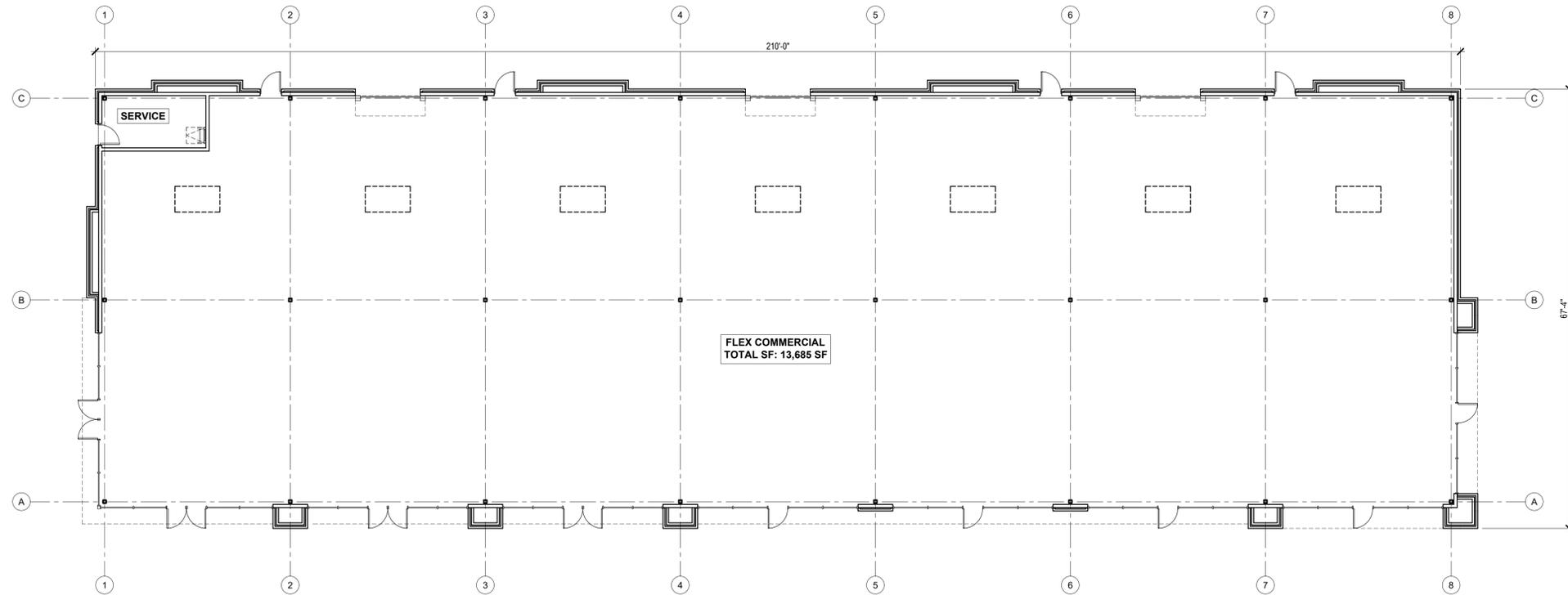
13 March 2026

Lot 1 Floorplan

NOT FOR CONSTRUCTION



Lot 3 Floorplan 2  
 3/32" = 1'-0"



Lot 2 Floorplan 1  
 3/32" = 1'-0"

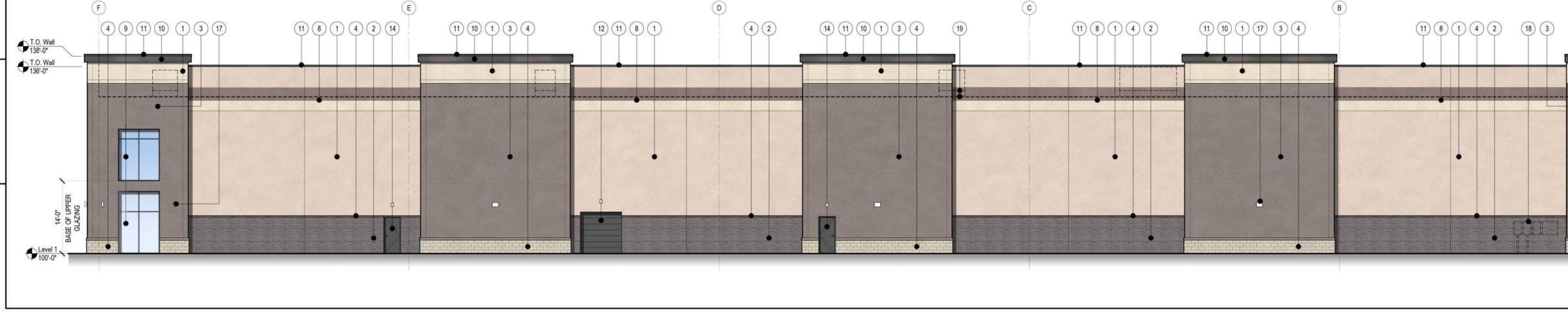
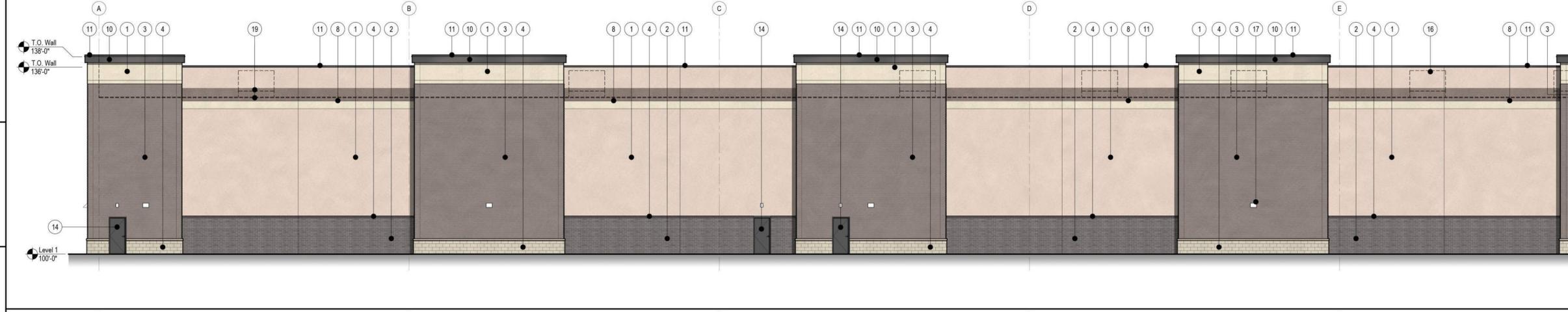
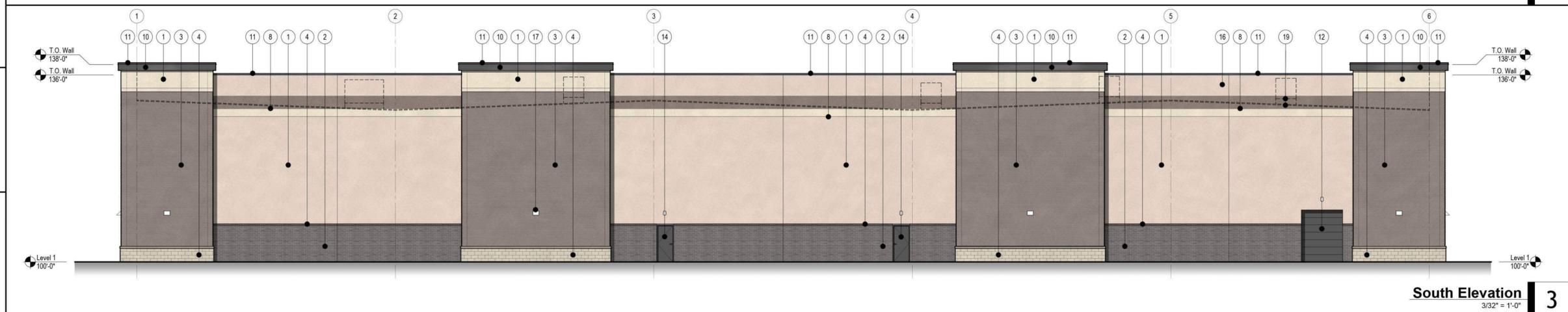
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# Revisions:


Project #: 251203-C  
 Preliminary Development Plan  
 13 March 2026

Lots 2 & 3  
 Floorplans





**MATERIALS LEGEND**

- 1 INSULATED TILT-UP/PRECAST CONCRETE WALL PANEL WITH DIRECT-APPLIED TEXTURED ACRYLIC COATING SYSTEM
- 2 INSULATED TILT-UP/PRECAST CONCRETE WALL PANEL WITH THIN BRICK INSET
- 3 INSULATED TILT-UP/PRECAST CONCRETE WALL PANEL WITH SURFACE FORMLINER (3/4" DEEP RIB AT 4" O.C.) WITH DIRECT-APPLIED TEXTURED ACRYLIC COATING SYSTEM
- 4 ARCHITECTURAL MASONRY UNIT
- 5 FACE BRICK
- 6 ALUMINUM COMPOSITE METAL PANEL SYSTEM
- 7 EXTERIOR INSULATION FINISH SYSTEM
- 8 CONCRETE WALL REVEAL - TYPICAL
- 9 ALUMINUM STOREFRONT SYSTEM WITH CLEAR INSULATED LOW-E GLAZING
- 10 PREFABRICATED CORNICE - ALUMINUM COMPOSITE METAL PANEL OR EQUAL
- 11 PREFINISHED METAL COPING / SHEET METAL FLASHING
- 12 INSULATED PRE-FINISHED STEEL PANEL OVERHEAD SECTIONAL DOOR
- 13 ALUMINUM/GLASS STOREFRONT DOOR(S)
- 14 FLUSH HOLLOW CORE STEEL DOOR WITH HIGH-PERFORMANCE COATING
- 15 PREFINISHED METAL CANOPY SYSTEM
- 16 INTERNALLY ILLUMINATED BUILDING MOUNTED SIGNAGE - ALL SIGNAGE TO CONFORM TO CITY SIGNAGE REQUIREMENTS AND SUBMITTED FOR REVIEW UNDER A SEPARATE APPLICATION
- 17 WALL-MOUNTED EXTERIOR LIGHTING
- 18 WALL-MOUNTED ELECTRICAL EQUIPMENT - CONFIRM EXACT SIZE AND LOCATION WITH TENANT - EQUIPMENT TO BE SCREENED WITH LANDSCAPING
- 19 LINE OF ROOF AND RTUS BEYOND. CONFIRM EXACT SIZES OF RTUS PER DESIGN DEVELOPMENT

NOTE:  
1. NOTATION 0'-0" TO CORRESPOND WITH A SPECIFIC CIVIL ELEVATION.



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Project #: 251203-C  
Preliminary Development Plan  
13 March 2026  
Lot 1  
Exterior Elevations



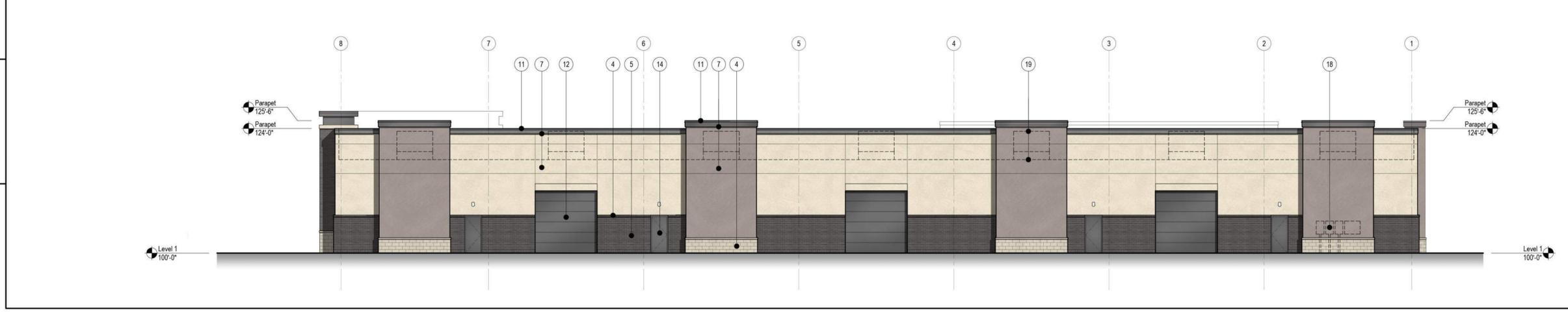
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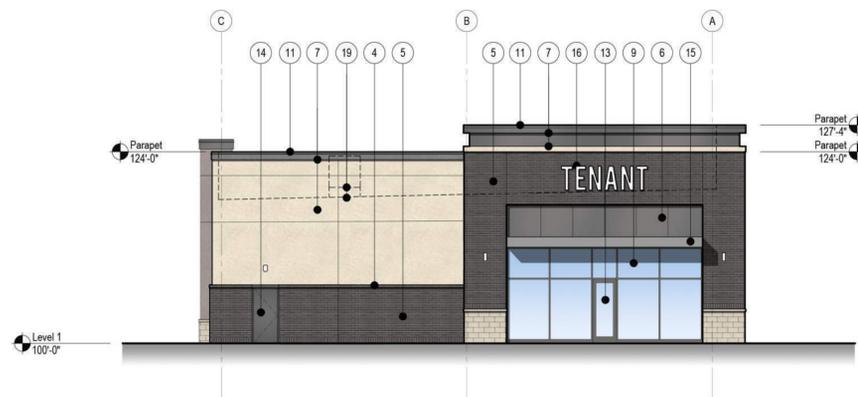
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Project #: 251203-C  
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13 March 2026  
Lot 2  
Exterior Elevations

**A-202**



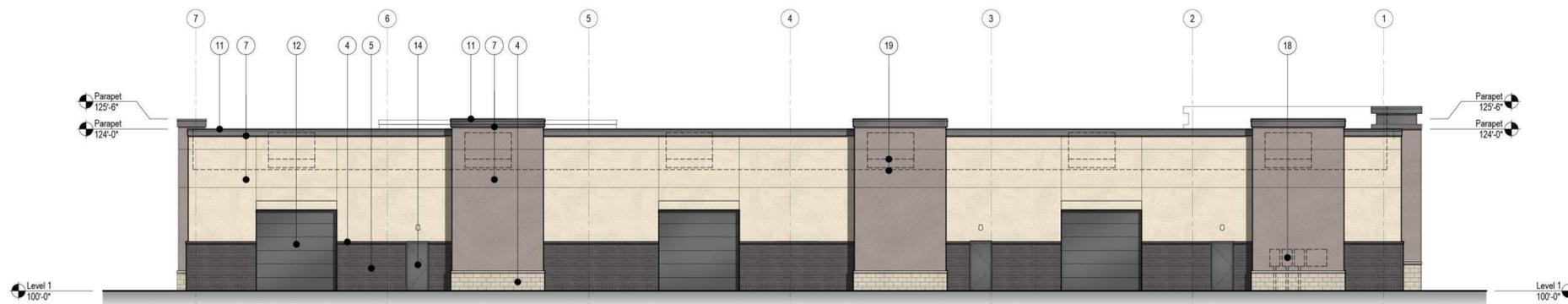
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Revisions:


Project #: 251203-C  
 Preliminary Development Plan  
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 Lot 3  
 Exterior Elevations

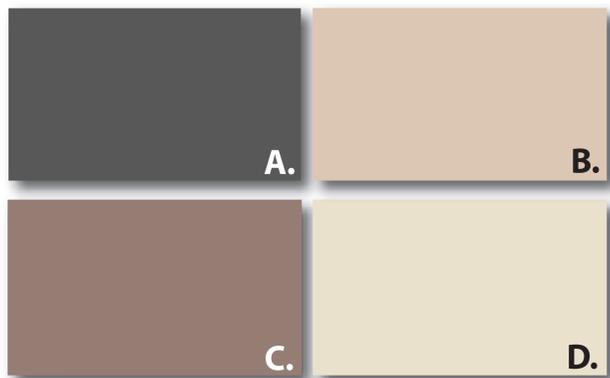
**A-203**

**PROPOSED EXTERIOR MATERIALS PALETTE:**

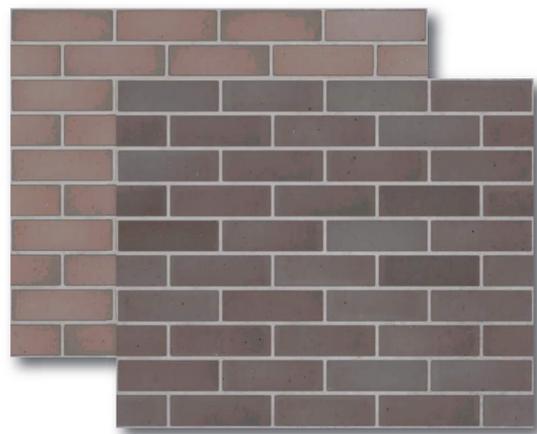
- 1. **Insulated Tilt-up/Precast Concrete Wall Panel with Direct-Applied Textured Acrylic Coating System**  
Colors: A. To Match SW 7674: Peppercorn  
B. To Match SW 2859: Beige  
C. To Match SW 6074: Spalding Gray  
D. To Match SW 2829: Classical White
- 2. **Insulated Tilt-up/Precast Concrete Wall Panel with Thin-Brick Inset**  
Manufacturer: Endicott Thin Brick  
Color: Mix of Gray Blend Velour (80%) and Light Gray Blend Velour (20%)
- 3. **Insulated Tilt-up/Precast Concrete Wall Panel with Surface Formliner with Direct-Applied Textured Acrylic Coating System**  
Manufacturer: Customrock Formliner #4010  
Color: SW 6074 Spalding Gray
- 4. **Architectural Masonry Unit**  
Manufacturer: Reading Rock Rockcast  
Color: Buffstone  
Pattern: Running Bond
- 5. **Face Brick**  
Manufacturer: Endicott Brick Modular  
Color: Mix of Gray Blend Velour (80%) and Light Gray Blend Velour (20%)
- 6. **Aluminum Composite Metal Wall Panel**  
Manufacturer: Alpolic  
Color: Mica MFS Grey
- 7. **Exterior Insulated Finish System - Wall**  
Manufacturer: Sto Corporation  
Model: Stotherm CI Lotusan  
Colors: To Match SW 7674: Peppercorn  
To Match SW 6074: Spalding Gray  
To Match SW 2829: Classical White  
Finish: Fine
- 8. **Concrete Wall Reveal - Typical**
- 9. **Aluminum Storefront System with Clear Insulated Low-E Glazing**  
Manufacturer: Kawneer  
Model: Tri-Fab Versaglaze 451-7  
Color: Black Anodized

- 10. **Prefabricated Cornice**  
Aluminum Composite Metal Panel or Equal  
Manufacturer: Alpolic  
Color: Mica MFS Grey
- 11. **Pre-Finished Metal Coping Assembly/Sheet Metal Flashing**  
Manufacturer: Berridge  
Color: Lead-Cote
- 12. **Insulated Prefinished Steel Panel Overhead Sectional Door**
- 13. **Aluminum/Glass Storefront Door(s)**
- 14. **Flush Hollow-Core Steel Door with High-Performance Coating**
- 15. **Prefinished Metal Canopy System**
- 16. **Internally Illuminated Building Mounted Signage - All Signage to Conform to City Signage Requirements and Submitted for Review Under a Separate Application**
- 17. **Wall-Mounted Exterior Lighting**
- 18. **Wall-Mounted Electrical Equipment - Confirm Exact Size and Location with Tenant. Equipment to be Screened with Landscaping**
- 19. **Line of Roof and RTUs Beyond. Confirm Exact Sizes of RTUs per Design Development**

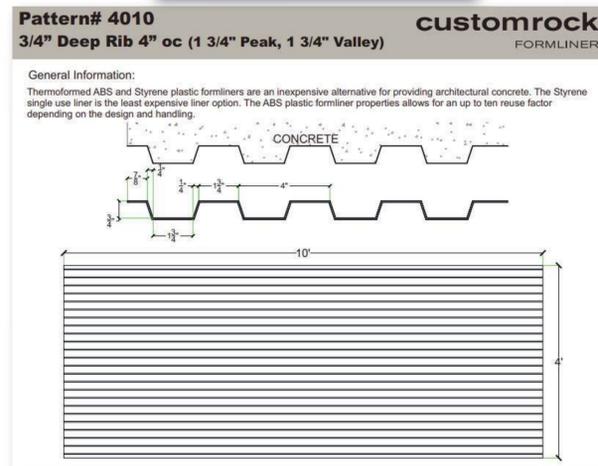
**NOTE:** All Materials Subject to Approved Equal or Substitutions as Development Progresses.



1.



2. / 5.



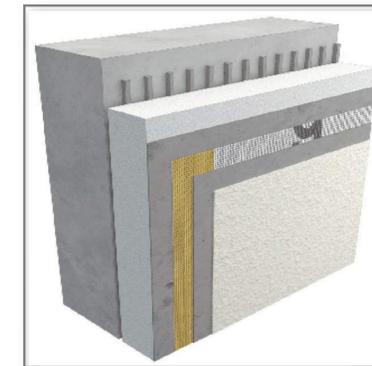
3.



6. / 10.



4.



7.



11.



9.

## Area Series (Small)

The OLA1 Small Series is a stylish aerodynamic area luminaire that fits within today's accepted design form factors. Excellent optical performance is achieved with Nichia brand LED's and engineered discrete optics. LED life is assured through efficient thermal coupling and dissipation via a durable, pressure die cast, low-copper alloy, aluminum housing. Engineered to last, all gaskets are anti-UV, anti-aging with no harmful out-gassing. All models come standard with a universal pole mount bracket or an optional wall surface box. Luminaries are available with a number of options including alternate CCT choices, finishes, photocells and occupancy sensors.

### FEATURES

- LED Brand: Nichia
- Color Temperatures: 4000K & 5000K (Other CCT's are available upon request)
- CRI: 70
- Lumen Maintenance: L70 = 50,000 hours
- Full Cutoff (meets IDA criteria)
- Operating Temperature: -40°C (-40°F) to 40°C (104°F)
- Durable All Aluminum Pressure Die Cast Housing
- Powder Coat Finish
- Salt Fog Tested to 2500 hours / per ASTM B117
- IP65 Rated (wet listed / NEMA IEC 60529)
- Mounting: Universal Round or Square Pole, Wall Surface Box

### ELECTRICAL SPECIFICATIONS

- Power Input: 120-277V (347-480V Optional)
- Power Factor: > 0.95
- THD: < 15%
- Surge Protection: 20 kV
- Control Options: 0-10V Dimming standard (Photocell and Occupancy Sensors Optional)

### TESTS & CERTIFICATIONS

- ETL (UL 1598, UL 8750, NEMA C82.77)
- CSA (C22.2 No.250.0)
- RoHS Compliant
- Design Lights Consortium (Premium)
- 3G Vibration tested (ANSI C136.31)



### WARRANTY

- 10-Year Warranty (parts or replacement)

### PERFORMANCE SPECIFICATIONS

Distribution	Model / Wattage	Lumens		Bug Rating		
		4000K	5000K	B	U	G
Type 2	OLA1-080	10,801	10,960	3 *	0	1
	OLA1-120	15,840	16,200	3 *	0	2
	OLA1-150	19,800	20,250	3 *	0	2
Type 3	OLA1-080	11,600	11,760	2 *	0	2
	OLA1-120	16,561	16,920	3 *	0	2
	OLA1-150	20,549	21,000	3 *	0	2
Type 3L	OLA1-080	10,799	10,960	3 *	0	3
	OLA1-120	15,960	16,199	3 *	0	3
	OLA1-150	19,800	20,249	4 *	0	3
Type 3R	OLA1-080	10,799	10,960	3 *	0	3
	OLA1-120	15,960	16,198	3 *	0	3
	OLA1-150	19,800	20,250	4 *	0	3
Type 4	OLA1-080	10,596	10,794	2 *	0	2
	OLA1-120	15,472	15,712	2 *	0	2
	OLA1-150	19,046	19,349	3 *	0	2
Type 4L	OLA1-080	10,800	10,960	3 *	0	3
	OLA1-120	16,080	16,320	3 *	0	3
	OLA1-150	19,800	20,250	4 *	0	4
Type 4R	OLA1-080	10,800	10,960	3 *	0	3
	OLA1-120	16,080	16,320	3 *	0	3
	OLA1-150	19,781	20,250	4 *	0	4
Type 5	OLA1-080	10,032	10,185	4	0	3
	OLA1-120	15,049	15,278	4	0	3
	OLA1-150	18,811	19,097	5	0	4

\* Backlight = 1 when BC (Backlight Control System) is applied.

Voltage (V)	Current (A)		
	80W	120W	150W
120	0.67	1.00	1.25
208	0.38	0.58	0.72
240	0.33	0.50	0.63
277	0.29	0.43	0.54
347	0.23	0.35	0.43
480	0.17	0.25	0.31



# Area Series (Small)

## ORDERING INFORMATION

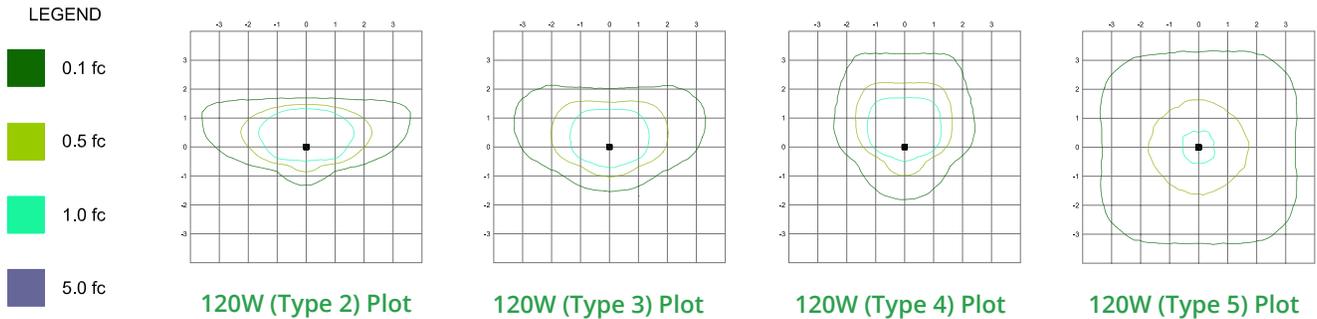
**EXAMPLE:** OLA1-120-UNVL-50-4-SQ-BZ-PR-TL12

SERIES	WATTAGE	VOLTAGE	COLOR TEMP	DISTRIBUTION	MOUNTING	FINISH	CONTROLS / OPTIONS
OLA1 = Optec LED Area Light	080 = 80W 120 = 120W 150 = 150W	UNVL = 120-277V UNVH = 347-480V	30 = 3000K 40 = 4000K 50 = 5000K	2 = Type 2 3 = Type 3 3L = Type 3 Left 3R = Type 3 Right 4 = Type 4 4L = Type 4 Left 4R = Type 4 Right 5 = Type 5	SQ = Square Pole <sup>1</sup> RD = Round Pole <sup>1</sup> WM = Wall Mount <sup>1,2</sup> TA = Tenon Adapter <sup>1</sup> LK = Leveling Kit <sup>3</sup>	WH = White BZ = Dark Bronze BL = Black NA = Natural Aluminum GM = Graphic Metallic CF = Custom Finish	OSWS = Occupancy Sensor (WattStopper) PR3 = Photocell Receptacle 3-pin PR5 = Photocell Receptacle 5-pin PR7 = Photocell Receptacle 7-pin WCS = Wireless Control (Synapse) <sup>5</sup> BCS = Backlight Control System SF = Single Fuse (120V, 277V, 347V) DF = Double Fuse (220V, 240V, 480V) TLSC = Twist Lock Shorting Cap 924 = UL924 Relay TL12 = Twist Lock Photocell 120V <sup>6</sup> TL24 = Twist Lock Photocell 240V <sup>6</sup> TL27 = Twist Lock Photocell 277V <sup>6</sup> TL28 = Twist Lock Photocell 208V <sup>6</sup> TL34 = Twist Lock Photocell 347V <sup>6</sup> TL48 = Twist Lock Photocell 480V <sup>6</sup>

1 - For details, reference accessory data sheet.  
 2 - WM option requires SQ pole mount bracket (ordering example: SQ-WM)  
 3 - Leveling kit adjusts up by 5 degrees or down by 5 degrees  
 4 - OSWS = For Wattstopper PIR sensor information and options contact factory  
 5 - WCS = for Synapse wireless controls information and options contact factory for details  
 6 - Photocell default = Fail in "ON" mode (unless otherwise specified)

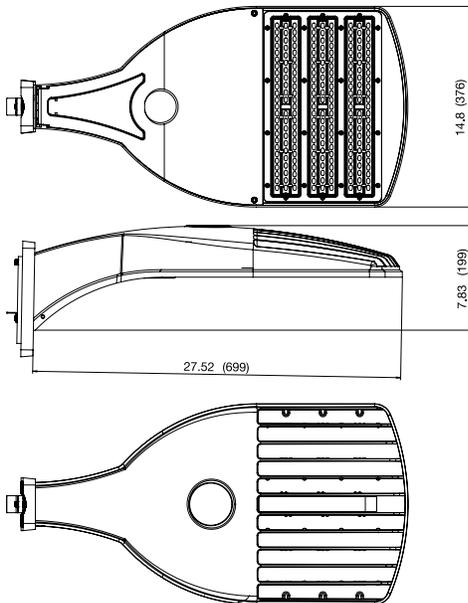
## PHOTOMETRIC PERFORMANCE

Isofootcandle plots = OLA1 120W model in 5000K CCT @ 30' mounting height. Distances are in units of mounting height.



Published luminaire photometric testing performed to IESNA-79-08 standards

## DIMENSIONS, WEIGHTS & EPA



Wattage	80W	120W	150W
Length (inches / mm)	27.52 / 699	27.52 / 699	27.52 / 699
Width (inches / mm)	14.8 / 376	14.8 / 376	14.8 / 376
Height (inches / mm)	7.83 / 199	7.83 / 199	7.83 / 199
Weight (lbs / kg)	19.4 / 8.8	19.4 / 8.9	20 / 9.1

Wattage	Effective Projected Area (EPA) in ft <sup>2</sup>				
80	0.96	1.92	1.81	2.77	3.63
120	0.96	1.92	1.81	2.77	3.63
150	0.96	1.92	1.81	2.77	3.63



CCT selectable full-cut off LED Wall Mount

PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_



KEY FEATURES
100,000-Hour LED lifespan
1-10V dimming standard on all models
Selected models 3000K/4000K/5000K field-selectable
Optional photocell and motion control
Emergency backup option provided



\*available on selected models

## TECHNICAL SPECIFICATIONS

### COMPLIANCE

**UL Listed**

Suitable for wet locations

**IESNA LM79 & LM-80 Testing**

PacLights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**DLC Qualification**

Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.design-lights.org/qpl](http://www.design-lights.org/qpl)

### LED CHARACTERISTICS

**LEDS**

Long-life, high-efficacy, surface-mount LEDs

**Lifespan**

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

**Color Rendering Index**

>80

**Beam Angel & BUG**

100° beam; B2-U0-G1

**Field-selectable Color Temperature**

On selected models (3CCT), 3000K/4000K/5000K, selectable by a dip switch

**Color Uniformity**

PacLights' range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

### ELECTRICAL

**Drivers**

1-10V Dimmable  
 Input Voltage: 120-277V, 50-60 Hz  
 Power Factor > 0.9; THD <20%  
 Surge Protection 6kA

### CONSTRUCTION

**IP Rating**

IP 65 Rated

**Ambient Temperature**

Suitable for up to 50° C (122° F) ambient temperature

**Cold Weather Starting**

The minimum starting temperature is -40 F°/-40° C

**Housing**

Die-cast aluminum housing

**Gaskets**

Silicon Gaskets

**Finish**

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

**Mounting Methods**

Surface mount

**Green Technology**

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

**Lens**

Polycarbonate

### OTHER

**5-Year Limited Warranty\*\***

The PacLights 5-year, limited warranty covers light output, driver performance and paint finish.

\*\*PacLights's warranty is subject to all terms and conditions found at [paclights.com/warranty](http://paclights.com/warranty)

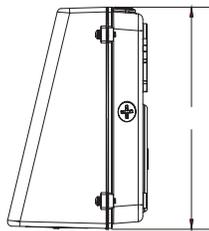
TECHNICAL SPECIFICATIONS Continued

FWPC-040/060/080

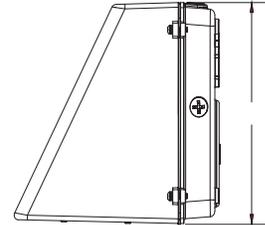
Weight 7.5 lbs

FWPC-100/120/150

Weight 11.3 lbs



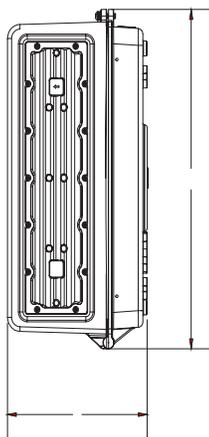
236 mm  
9-5/16 in



236 mm  
9-5/16 in

FINISHES

all models Dark Bronze

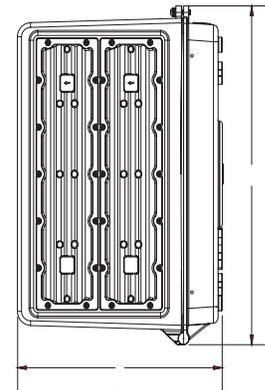


360 mm  
14-3/16 in

166 mm  
6-9/16 in

LIGHT MODULES

FWPC-040/060/080	1
FWPC-100/120/150	2

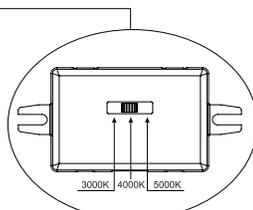
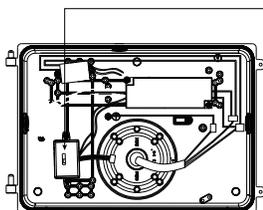


360 mm  
14-3/16 in

245 mm  
9-5/8 in



CCT SELECTABLE on selected models



CCT SELECTABLE ON FIXTURE

**Selected models (3CCT)** are equipped with color temperature settings ranging from: 3000K (Warm White), 4000K (Neutral White) and 5000K (Daylight). Simply use the switch directly on the fixture to select the desired color temperature and then install. Selectable color temperature technology removes the guesswork of choosing the correct color temperature for your space. Select 3000K in applications requiring warm and inviting light, select 4000K for a slightly cooler light appearance, select 5000K in areas requiring bright, crisp light.

## ACCESSORIES Optional

### EMERGENCY BATTERY BACKUP

**Emergency Battery Backup** generates a bright illumination even in emergency environments, such as power outages, blackouts, and fires, thanks to its UL924 approved battery for backup lighting. In addition, with intelligent emergency detection function automatically, it can provide 90 minutes ~ 180 minutes continuously work time under power-off mode.

### SECONDARY SURGE PROTECTOR

**Secondary surge protector** can act as the second line of defense, in addition to the LED driver's integrated lightning arrester.

### CONTROLS

**Photocell Control** allows ON/OFF switching the luminaries, to be determined by the amount of daylight present. Specified low light levels at dusk will turn lights ON. When sufficient daylight returns at dawn, the lights automatically turn OFF. Automatic lighting controls save energy.

**Bi-level Motion Control** uses passive infrared sensing strategies option (up to 18ft) to provide the ability of sensing occupancy or vacancy on luminaries, to bi-level dimming and automatically turn ON and OFF the lighting fixture. Or, select microwave sensing strategies option to provide extended range of sensing (up to 60ft).

## PERFORMANCE

### FWPC™ 040

40W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	4,880	5,680	5,040
LM/W	122	142	126

### FWPC™ 060

60W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	7,320	8,640	7,620
LM/W	122	144	127

### FWPC™ 080

80W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	9,680	11,360	10,080
LM/W	121	142	126

### FWPC™ 100

100W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	12,600	14,600	13,000
LM/W	126	146	130

### FWPC™ 120

120W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	14,520	16,800	15,240
LM/W	121	140	127

### FWPC™ 150

150W	3000K Warm white	4000K Neutral	5000K Daylight
LUMENS	18,000	21,300	18,900
LM/W	120	142	126

## ORDERING INFORMATION

### FWPC™

Family	Model	Color Temp	Options
FWPC	040	30	SP
	060	40	PC
	080	50	MC
	100	3CCT	MW
	120		EM
	150		

# WCED-4S(U)D-LCT

4" Wall Mount Square Cylinder Down and Up/Down Light  
120/277V, 3 Power/Lumens & 5 CCT Selectable



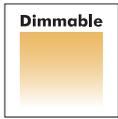
Catalog #		Type
Project		Date
Prepared by		

## 4" Square LED Cylinder



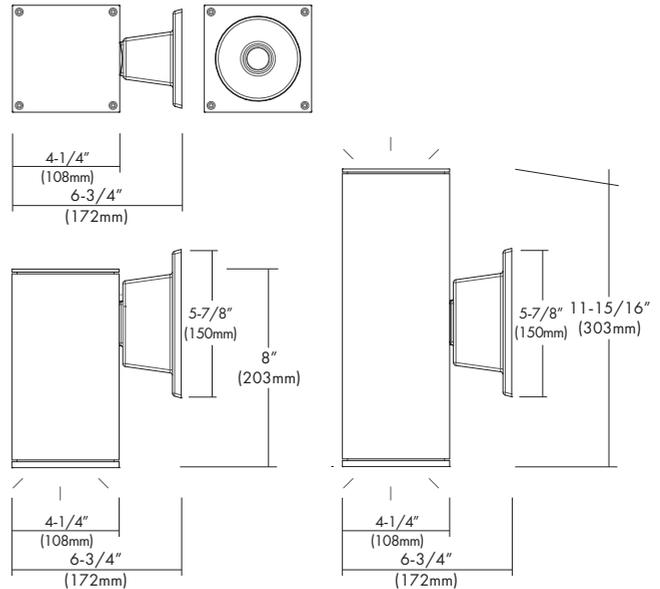
[ WCED-4SD-LCT : DOWN TYPE ]

[ WCED-4SUD-LCT : UP/DOWN TYPE ]



## DESCRIPTION

The WCED-4S(U)D-LCT 4" Square Cylinders are Wet Location and IP65 rated for outdoor use. These wall mount cylinders come in two versions : down light and up & down light. The fixtures are offered in 15W, 20W and 30W LED, DoB modules with a customized IC, highbred circuit on board with dimming down to 5% with most of Triac and ELV dimmers or 0-10V dimming. Non-Isolated DOB, Direct AC technology has low heat, great reliability and has been designed for these fixtures to operate environments between -22° F to 104° F (-30°C to 40°C). Optional Photo Cell is available for Dusk to Dawn operation and EM drivers for emergency lighting.



[ WCED-4SD-LCT : DOWN TYPE ]

[ WCED-4SUD-LCT : UP/DOWN TYPE ]

## DESIGN FEATURES

### Features

- Weatherproof aluminum powder coated white & black finish for outdoor & indoor applications.
- 15W, 20W & 30W Selectable power.
- 2700K, 3000K, 3500K, 4000K & 5000K Selectable CCT.
- 90 CRI Standard.
- Universal 120-277V 50/60 Hz Input.
- Triac, ELV & 0-10V dimming.

### Mounting

- Mount completely assembled fixture directly onto wall surface using appropriate anchor bolts or screws (supplied by others).

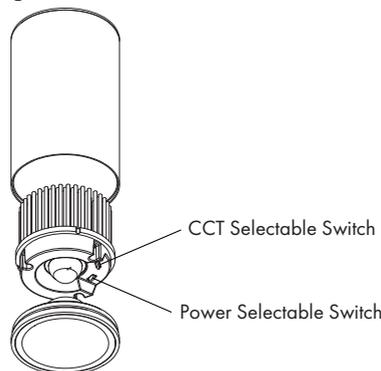
### Limited Warranty

- LED Module & Product: 3 years

### Listing

- ETL cETL Listed
- State of California Title 24
- Wet location (IP65 Rated)

### Drawing



SPECIFICATION			
Input Voltage	120/277V		
Wattage	15W	20W	30W
Lumen	1,050	1,400	2,100
Efficacy (LPW)	70 lm/W	70 lm/W	70 lm/W
Beam Angle	48°		
CRI (Standard)	90		
CCT (Color +/-5%)	2700K, 3000K, 3500K, 4000K, 5000K		
Dimming	Triac, ELV & 0-10V Dimming*		
LED Module	3 years		
Environment	Wet location		

\*Double wattage for Up/Down Type

\*Contact factory for custom beam angles

### ○ 120V Approved Dimmers

- \* Lutron: Skylark S-600  
: MRF2-6DN-120  
: MACL-153M  
: DVLV-600P  
: SELV-300P  
: CTCL-153P  
: DVELV-303P  
: DVCL-153P
- \* Leviton: D600R, Acenli: Ate06, Trimatron #705W
- \* Cooper Devine incandescent dimmer 600W
- \* Pass&seymour harmony incandescent 600W
- For 0-10V Driver\*\***
- \* Lutron: Nova 0-10V : NTFTV  
: Diva 0-10V : DVTV
- \* Leviton: Decora 0-10V : IP710DL

\* Consult tech. service or factory for additional dimmers

\*\* Consult with factory if you are not using the approved dimmers

**OPTIONS**



- PCELL = Photocell for Dusk to Dawn operation. Outdoor use ONLY.

Model	-Housing Finish*	-Options
WCED-4SD-LCT = 4" Wall Square Cylinder Down Light	-WH = White	-PCELL = Photocell for Outdoor use ONLY
WCED-4SUD-LCT = 4" Wall Square Cylinder Up/Down Light	-BK = Black	-EM = Emergency Driver

Example : WCED-4SUD-LCT-WH

\* Consult factory for other Color Temperatures and Finishes

## Camray™ LED Series

Die-cast aluminum LED emergency lighting – interior or exterior



### Housing

- Indoor/outdoor suitable for wet location
- Die-cast aluminum housing
- UV-resistant (3" x 1.5") polycarbonate lens

### Mounting

- Wall mount
- 1/2" rigid conduit top entry
- Universal J-box mounting pattern

### Lamp Type

- Patent-pending light engine: four power LEDs with redundant connections
- 400-640 lumens
- Color temperature: 4000K
- Optional forward-throw light distribution, for applications of outdoor egress
- Optional high-lumen output

- Optional dual-mode operation: normal and emergency LED lighting with separate AC inputs
- Pulse plus charger
- Low voltage disconnect
- Automatic brownout protection
- Battery lock-out
- Fused output circuit
- Standard Improved Diagnostics
- 120/277 60Hz

### Approval

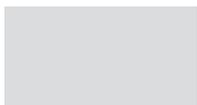
- UL 924 listed
- Nema-3R rated for indoor/outdoor cold-weather wet and damp locations: -4°F to 104°F (-20°C to 40°C)

**Warranty** (subject to proper installation and maintenance)

Unit: five-year full warranty

Detailed warranty terms located on [page 197](#) or online at: [www.lightalarms.com](http://www.lightalarms.com)

### Unit color



Platinum gray



Black



White



Dark bronze  
(painted)

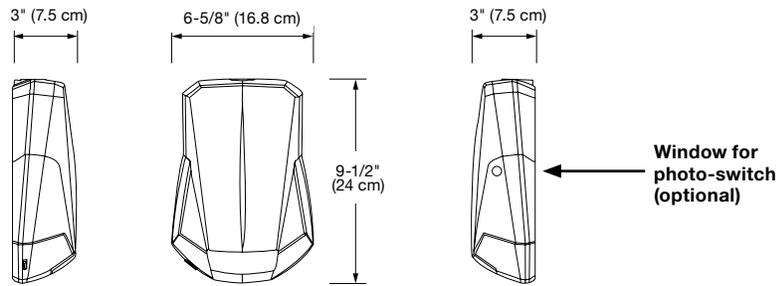
**NEMA-3R**

### Power consumption chart

Model	AC Specs				DC Specs
	Normal lighting		Emergency lighting		6-12V <sup>1</sup>
	Current (maximum)	Power (maximum)	Current (maximum)	Power (maximum)	Power (maximum)
AC, 2AC, ACDC, DC	0.12/0.08A	12W	0.11/0.08A	12W	8W
All above, -H	0.18/0.11A	18W	0.18/0.11A	18W	14W (VDC only)
ACSD, SD, SD-H	0.12/0.06A	12W	0.05/0.02A	5W	
SD-CW	–	–	0.15/0.07A	16W	N/A <sup>1</sup>
ACSD-CW-P, -FT		N/A <sup>1</sup>	0.22/0.10A	24W	

<sup>1</sup> Only unswitched AC input; normal lighting with photo-switch or remote control

**Dimensions** (Dimensions are approximate and subject to change)



**Photometric performance**

**Table A – Spacing for NFPA101 (average = 1FC) – Average of 1 foot-candle**

Model type	Mounting height	Lumen	Color temperature	Width X length (ft)	
				Single unit	Center-to-center
Standard	9'	400	4000K	6' X 50'	6' X 50'
With option -H	11'	550		6' X 60'	6' X 60'
With option -FT	12'	460			3' X 70'
With option -FTH	15'	640		6' X 40'	–
				6' X 50'	–

**Table B – Spacing for minimum illumination = 1FC – Minimum of 1 foot-candle**

Model type	Mounting height	Lumen	Color temperature	Width X length (ft)	
				Single unit	Center-to-center
Standard	9'	400	4000K	4' X 28'	6' X 32'
With option -H	11'	550		4' X 32'	6' X 40'
With option -FH	12'	460		4' X 22'	–
With option -FTH	15'	640		4' X 27'	–

**Indoor reflectance: 80/50/20 and 10-ft wide corridor. Outdoor reflectance: 0/30/10**

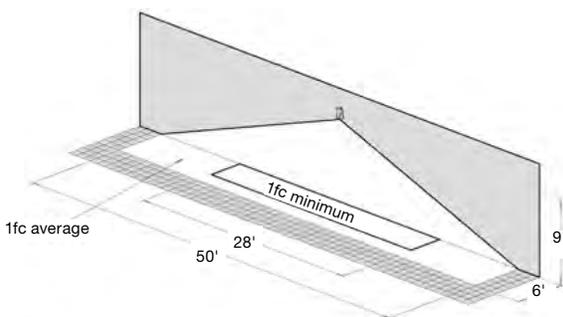
Note: The illumination level meets ALL the requirements of the Life Safety Code (NFPA 101):

- 1) Average of 1 foot-candle or more
- 2) Minimum at any point of 0.1 foot-candle or more
- 3) Maximum-to-minimum illumination uniformity ratio of 40:1 or less

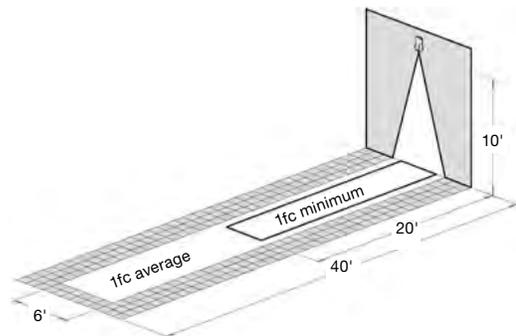
**Photometry performance**

Whether installed indoors or outdoors, with spacing measurements for a single unit or between two units center-to-center, the Camray® Series LED delivers a stable and consistent illumination making it easy to specify in a wide range of applications. The outstanding spacing of illumination ranges from 50 to 70 feet for standard units (wide beam) and from 40 to 50 feet with the forward-throw beam option.

**Photometry performance – Wide beam**



**Photometry performance – Forward throw**



**Ordering format – Battery unit**

Series	Model	Color	Options
<b>CAM=</b> Camray LED battery unit	<b>Nickel-Metal Hydride Battery Units (standard with Self-Diagnostics)</b>  <b>SD=</b> Self-Powered & Self-Diagnostic (-4°F + 122°F)(-20°C + 50°C) <b>ACSD=</b> Dual-Mode AC/Self-Powered & Diagnostics (-4°F + 104°F)(-20°C + 40°C)	<b>B=</b> Black <b>DB=</b> Dark bronze <b>OW=</b> Off white <b>PG=</b> Platinum gray	<b>-CW=</b> Cold weather (-40°F - 86°F)(-40°C - 30°C); not available with option -H <b>-FT=</b> Forward throw lighting <b>-H=</b> High lumen output (32... 86°F / 0... 30°C; model SD only)
			<b>-P=</b> Photo-switch, (model models ACSD only) <b>-T3=</b> Time delay: 15 minutes (models ACSD, SD only) <b>-RC=</b> Remote control - infrared <sup>1</sup>

**Example: CAMSDOW-RC**

<sup>1</sup> For ACSD Model only, with -RC option, order the remote control keypad (TB-RC1-L) separately