

GENERAL NOTES:
1. ADDITIONAL SITE AND FACADE LIGHTING TO BE PROVIDED AS SITE AND FACADES CONTINUE TO BE DEVELOPED.

SHEET NOTES:
1. <Text>

1 SITE PLAN ELECTRICAL - NEW
1" = 30'-0"

Scale: As indicated		
Revisions:		
No.	Date	Description

Date:
02/29/2024

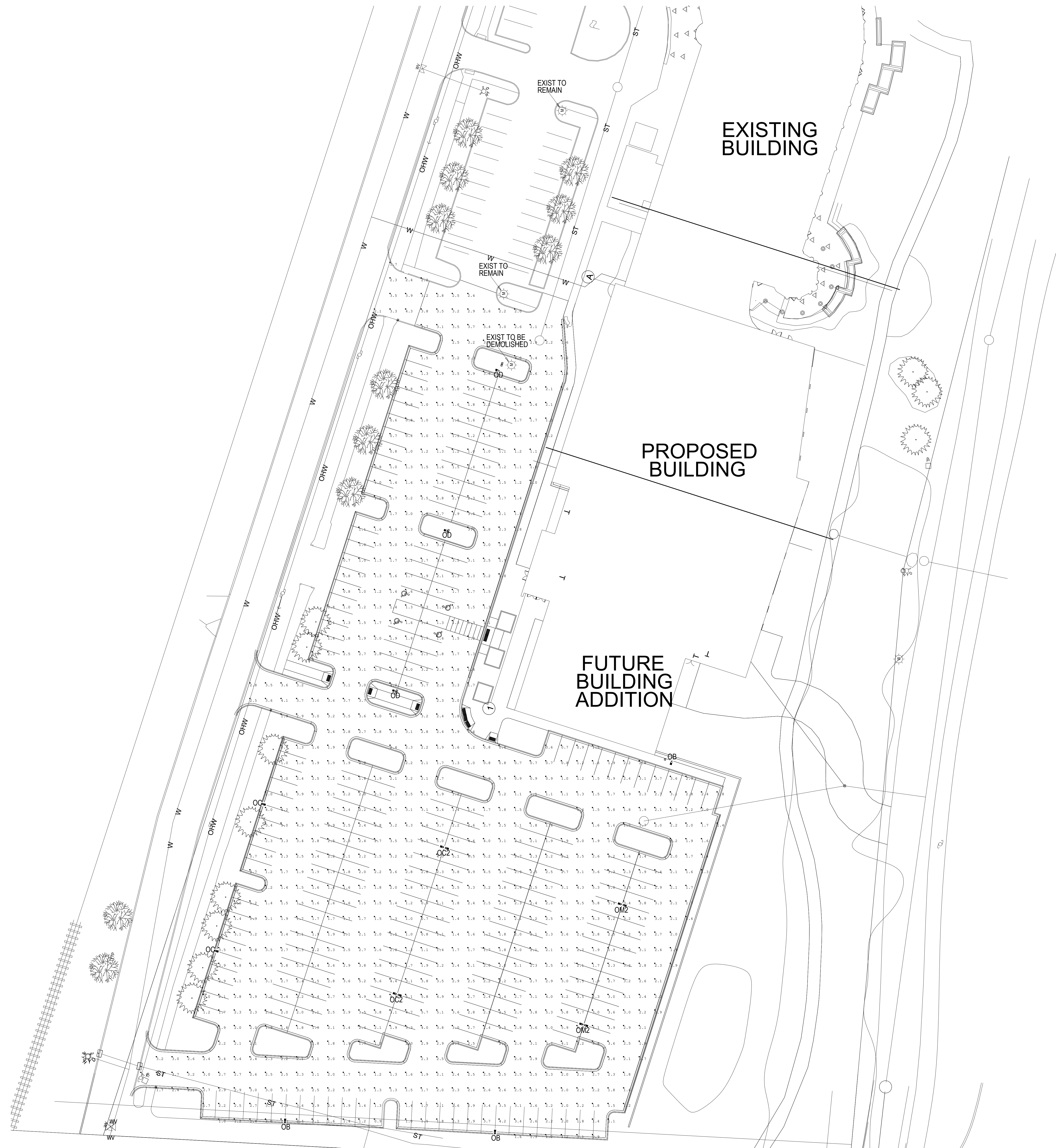
Project No.: 230049.00 (Owner) Project No.: -

Sheet No.:

FOOTCANDLE CALCULATION

STATISTICS:

- AVG: 2.36fc
- MAX: 6.50fc
- MIN: 0.60fc
- MAX:MIN: 10.83:1



ALED4T125K



OB: Single luminaire w/ Type III dist., 25'H pole/3'H AFG conc. base
OB2: Double luminaire w/ Type III dist., 25'H pole/3'H AFG conc. base
OC: Single luminaire w/ Type IV dist., 25'H pole/3'H AFG conc. base
OC2: Double luminaire w/ Type IV dist., 25'H pole/3'H AFG conc. base
OM2: Double luminaire w/ Type III & IV dist., 25'H pole/3'H AFG conc. base



Color: Black

Weight: 32.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	1.12A
208V	0.70A
240V	0.61A
277V	0.52A
Input Watts	134.8W

LED Info

Watts	125W
Color Temp	5000K (Cool)
Color Accuracy	70 CRI
L70 Lifespan	100,000 Hours
Lumens	16,328 lm
Efficacy	121.1 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP66 for dust and water

IESNA LM-79 & LM-80 Testing:

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

Performance

Lifespan:

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

Wattage Equivalency:

Equivalent to 350W Metal Halide

Construction

IES Classification:

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Thermal Management:

Superior thermal management with external "Air-Flow" fins

Lens:

Tempered glass lens

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation.

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High-temperature silicone gaskets

EPA:

- 1 Fixture: 0.75
- 2 Fixtures at 90°: 1.2
- 2 Fixtures at 180°: 2.4
- 3 Fixtures at 90°: 2.4
- 4 Fixtures at 90°: 1.8

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics

LEDs:

Multi-chip, high-output, long-life LEDs

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's 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.

Technical Specifications (continued)**Electrical****Driver:**

One Driver, Constant Current, Class 2, 1800mA
100-277V, 50-60Hz, Power Factor 99%

THD:

5.3% at 120V, 15.4% at 277V

Power Factor:

99.4% at 120V, 92.1% at 277V

Surge Protection:

4kV

Other**Compatibility:**

Compatible with Round Poles with a diameter of 2.5"
to 6"

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

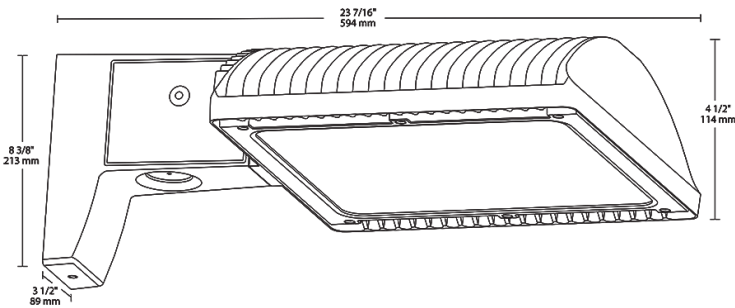
Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Optical**BUG Rating:**

B1 U0 G2

Dimensions



Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

5-Year, No-Compromise Warranty

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Options	Other Options
ALED	3T/4T	125			K			
	4T = Type IV 3T = Type III 2T = Type II	50 = 50W 78 = 78W 105 = 105W 125 = 125W 150 = 150W	Blank = Pole mount SF = Slipfitter	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Bronze RG = Roadway Gray W = White K = Black	Blank = 120-277V /480 = 480V /BL = Bi-Level /D10 = 0-10V Dimming /480/D10 = 480V, 0-10V Dimming	Blank = No Option /LC = Lightcloud Controller /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCT = 120-277V Twistlock Photocell /PCS4 = 480V Swivel Photocell /PCT4 = 480V Twistlock Photocell /WS2 = Multi-Level Motion Sensor 20 ft /WS4 = Multi-Level Motion Sensor 40 ft	Blank = Standard USA = BAA Compliant