

# El Paso County Sheriff's Department Falcon - Sheriff Substation

12062

12072 Royal County Down Rd. Falcon, Colorado 80831

## SITE DEVELOPMENT PLAN

### OWNER

El Paso County

Contact:  
Tom Seslar  
Project Manager

12072 Royal County Down Rd.  
Falcon, Colorado 80831

p: 719.520.6560  
e: TomSeslar@elpasoco.com

### ARCHITECT

D2C ARCHITECTS, INC

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Hamid Khellaf  
Project Manager

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Suite 1110  
Denver, Colorado 80203

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e: bduggan@d2carchitects.com

### LANDSCAPE

NORRIS DESIGN

Contact:  
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Project Manager

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Denver, Colorado 80204

p: 303.892.1166  
e: sweaks@norrisdesign.com

### CIVIL ENGINEER

DREXEL, BARRELL & CO

Contact:  
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Civil

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Colorado Springs, CO 80905

p: 719.491.5170  
e: tmcconnell@drexelbarrell.com

### MEP ENGINEER

BRANCH PATTERN

Contact:  
Omar Tlamcani  
Project Manager

3511 Ringsby Court  
Suite 105  
Denver, CO 80216

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e: tu.i@branchpattern.com

12062 ROYAL  
COUNTY DOWN

### SITE DATA

#### ZONING

PLANNED URBAN DEVELOPMENT (PUD)

#### BUILDING USE

EL PASO COUNTY SHERIFF SUBSTATION

#### CONSTRUCTION SCHEDULE

START: JUNE '23  
FINISH: MAY '24  
(≈ 9MONTHS)

#### TAX SCHEDULE NUMBER

4231201055

#### PROPERTY ADDRESS

ROYAL COUNTY DOWN RD.  
FALCON, COLORADO 80831

#### COVERAGE DATA

TOTAL SITE AREA: 115,753 SF.

BUILDING COVERAGE: 10,730 SF. = 09%

PAVEMENT(PARKING/WALK): 58,263 SF. = 50%

LANDSCAPING: 46,760 SF. = 41%

#### DEVELOPMENT NOTES

1. WATER SERVICE PROVIDED BY WIDEFIELD WATER DISTRICT
2. SEWER SERVICE PROVIDED BY WIDEFIELD SANITATION DISTRICT
3. NATURAL GAS SERVICE PROVIDED BY BLACK HILLS ENERGY DISTRICT.
4. ELECTRIC SERVICE PROVIDED BY MOUNTAIN VIEW ELECTRIC ASSOCIATION DISTRICT.
5. FIRE SERVICE PROVIDED BY SECURITY FIRE PROTECTION DISTRICT.

Correct providers

#### PARKING SCHEDULE

REQUIRED: 1 SPACE PER 200 SF.  
B OCCUPANCY: 9,340 SF / 200 SF = 46  
I-3 OCCUPANCY: 1 PER 750 SF = 2  
S-1 OCCUPANCY: 0 / SF  
TOTAL REQUIRED: 48 PARKING SPACES

PROVIDED:  
NORMAL: 52  
VAN ACCESSIBLE SPACES / ADA SPACES: 2

TOTAL SPACES PROVIDED: 54

ADDITIONAL PARKING PROVIDED ON FIRE  
STATION NORTH PARKING LOT: 7

BIKE STORAGE:  
REQUIRED: 5% OF PARKING SPACES  
(54 x 0.05 = 2.7 BIKE RACKS)

PROVIDED: 3 BIKE RACKS

#### BUILDING TYPE

BUILDING AREA: 10,730 SF  
TWO STORY - TYPE II-B.  
OCCUPANCY: B/S-1/I-3  
FIRE SPRINKLED / NO FIRE WALLS

#### BUILDING HEIGHT

45 FT. MAX (S-STORY)  
36 FT. ACTUAL BUILDING HEIGHT

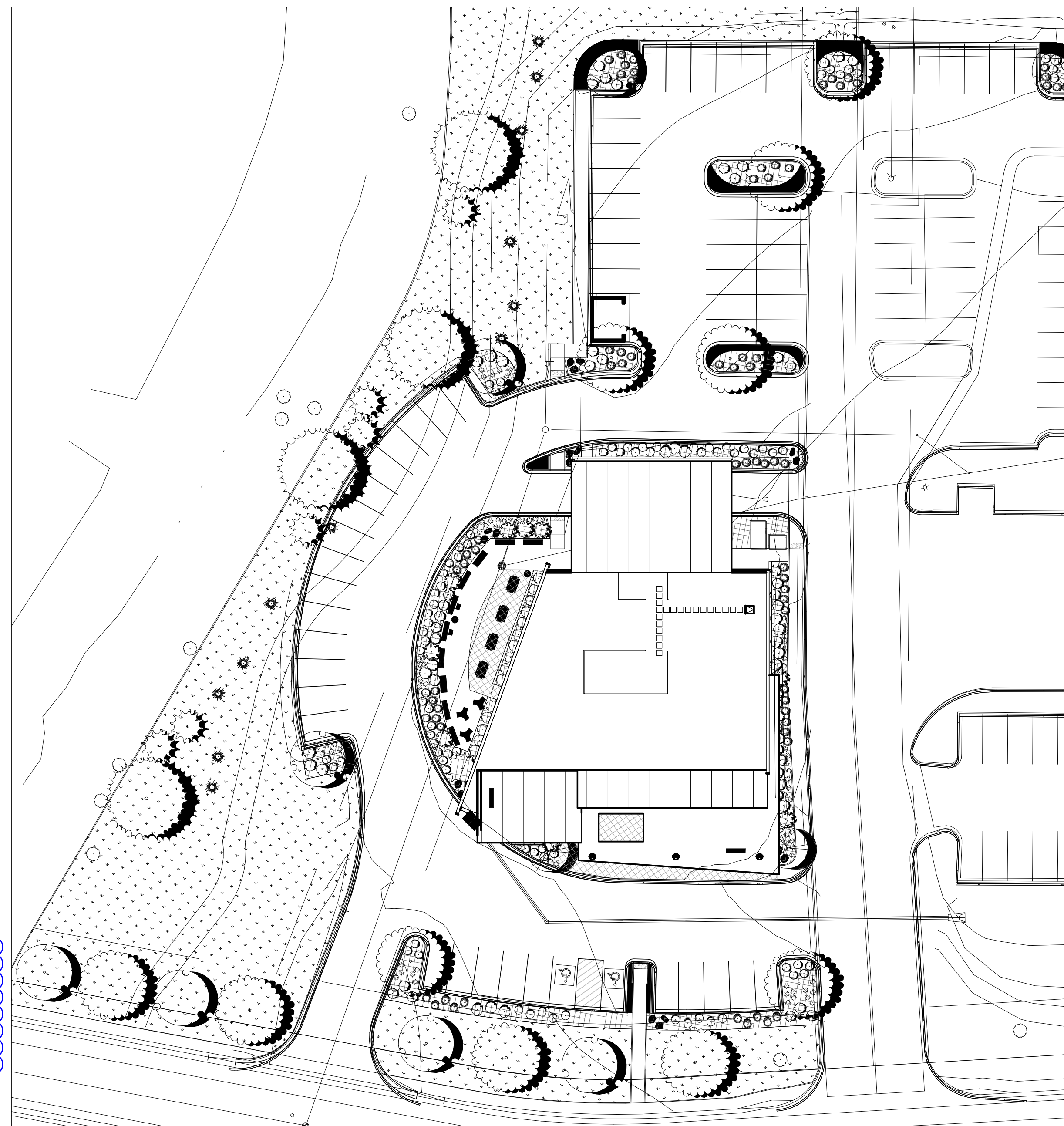
#### SETBACKS

25' FRONT  
25' SIDE  
25' REAR

#### LIGHTING

LIGHTING WILL BE PROVIDED BY WALL  
MOUNTED AND RECESSED LIGHTING  
FIXTURES

Light poles and  
pedestals



### SHEET INDEX - SITE DEVELOPMENT PLAN

SHEET NUMBER	SHEET TITLE
SDP-01	COVER SHEET
SDP-02	SITE PLAN
UTILITY PLAN	
SDP-03	PRELIMINARY UTILITY PLAN
LANDSCAPE PLAN	
SDP-04	LANDSCAPE NOTES
SDP-05	PLANTING SCHEDULE
SDP-06	LANDSCAPE PLAN
SDP-07	LANDSCAPE DETAILS
ARCHITECTURAL FLOOR PLAN / ELEVATIONS	
SDP-08	FLOOR PLAN - FIRST FLOOR
SDP-09	BUILDING ELEVATIONS
SDP-10	BUILDING ELEVATIONS
LIGHTING PLAN	
SDP-11	SITE PHOTOMETRIC
SDP-12	LIGHTING CUT SHEETS
SDP-13	LIGHTING CUT SHEETS

### ADA NOTES

THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY EL PASO COUNTY DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS.

### FLOODPLAN STATEMENT

NO PORTION OF THE SUBJECT PROPERTY IS LOCATED WITHIN FEMA DESIGNATED SPECIAL FLOOD HAZARD AREA (SFJA'S) AS INDICATED ON THE FLOOD INSURANCE RATE MAP (FIRM FOR EL PASO COUNTY, COLORADO AND INCORPORATED AREAS - MAP NUMBER 08041C0551G EFFECTIVE DECEMBER 7, 2018

### LEGAL DESCRIPTION

TRACT B OF TRACT 36. WOODMEN HILLS FILING NO.11

- TRACT B IS ACTUALLY 12062 ROYAL COUNTY DOWN RD. (12072 IS THE FIRE STATION)

- Development Notes:

- Water and Sewer - Woodmen Hills Metropolitan District
- Gas - Colorado Springs Utilities
- Fire - Falcon Fire District
- Floodplain map numbers 08041C0551G & 08041C0553G

D2C  
ARCHITECTS

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MARK	DATE	APPR
1	12/02/2022	

ISSUE DATE:	CONSULTANT'S PROJECT #
AUGUST 28, 2023	

DESIGN BY:	DESIGNED BY:	CHKD BY:	DATE:
BD	BD	HK	8/25/2023

SOLICITATION NO.:	CONTRACT NO.:	FILE NUMBER:

FILE NAME:	SIZE:
	22"x 34"

### SITE DEVELOPMENT PLAN

El Paso County Sheriff's Department  
Falcon - Sheriff Substation  
12072 Royal County Down Rd. Falcon, Colorado 80831  
COVER SHEET

SHEET IDENTIFICATION  
SDP-01  
SHEET 1 OF 14

PCD FILE # PPR-22-59



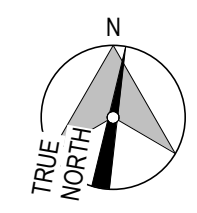
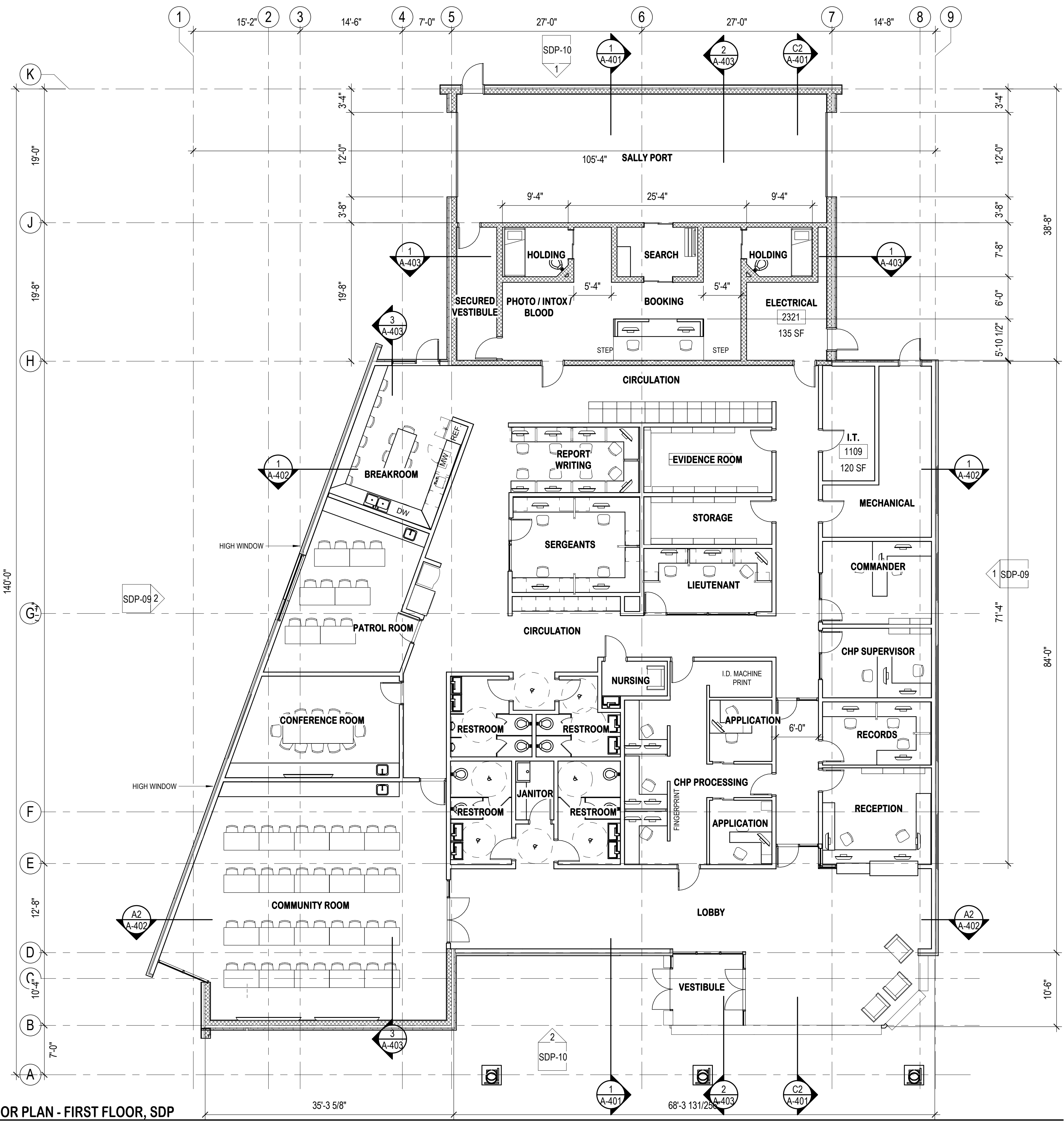






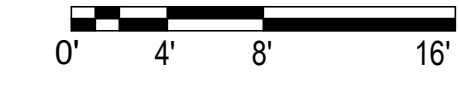






**1 | FLOOR PLAN - FIRST FLOOR, SDP**

SDP-08 | 1/8" = 1'-0"



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MARK	DATE	APPROVAL	DESCRIPTION
1	12/02/2022		SDP - SECOND REVIEW SUBMITTAL

ISSUE DATE:	<b>AUGUST 28, 2023</b>
CONSULTANT'S PROJECT #	
DESIGN BY:	BD
D2C PROJECT NUMBER	202207
DRAWN BY:	HK
CHECKED BY:	HK
PLANNED BY:	BD
PLANNED DATE:	8/24/2023
PLANNED TIME:	2:54:20 PM
PLANNED SCALE:	1/8" = 1'-0"
PLANNED SIZE:	22' x 34'
FILE NAME:	
ISSUE DATE:	
CONSULTANT'S PROJECT #	
SOLICITATION NO.:	
CONTRACT NO.:	
FILE NUMBER:	

**SITE DEVELOPMENT PLAN**

El Paso County Sheriff's Department  
**Falcon - Sheriff Substation**  
12072 Royal County Down Rd, Falcon, Colorado 80831  
**FLOOR PLAN - FIRST FLOOR**



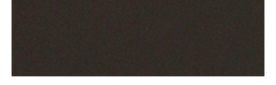







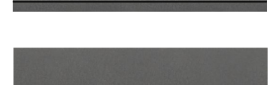


**SHEET IDENTIFICATION**  
**SDP-08**  
SHEET 8 OF 14

PCD FILE # PPR-22-59





**MATERIAL LEGEND - SITE DEVELOPMENT PLAN**

LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE	LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE
	MP-01 METAL PANEL CLADDING W/ ARCHITECTURAL RAINSCREEN	FUNDERMAX	LOFT	CONCRETE	4,349 SF	39%		STN-01 STONE VENEER W/ ARCHITECTURAL RAINSCREEN	RIO GRANDE	NATURAL STONE	DRY STACKED	1,947 SF	17%
	MP-02 METAL PANEL - FASCIA	METAL SALES	DARK BRONZE	SMOOTH				STC-01 STUCCO FINISH	LOCAL CONTRACTOR	LIGHT TAN	STUCCO	1,110 SF	10%
	MP-03 METAL WALL PANEL W/ ARCHITECTURAL RAINSCREEN	METAL SALES	DARK GREY	SMOOTH	1,924 SF	17%		AL-01 EXTERIOR ALUMINUM LETTERING	AVALANCHE	ALUMINUM	SMOOTH		
	MP-04 METAL PANEL - FASCIA / PARPET CAP	METAL SALES	DARK GREY	SMOOTH				SF-01 ALUMINUM STOREFRONT	KAWNEER	DARK BRONZE	SMOOTH	1,852 SF	17%
	MP-05 METAL PANEL - COLUMN WRAP	METAL SALES	NAVY BLUE	SMOOTH				SSMR-01 STANDING SEAM METAL ROOF	METAL SALES	DARK GREY	RIBBED		
	MP-06 MECHANICAL SCREEN WALL	METAL SALES	DARK GREY	PERFERRATED PANEL				GL-01 STOREFRONT GLAZING	VITRO	LIGHT BLUE	SMOOTH		
	PT-01 EXTERIOR PAINT	SHERWIN WILLIAMS	DARK GREY	MATTE FINISH									



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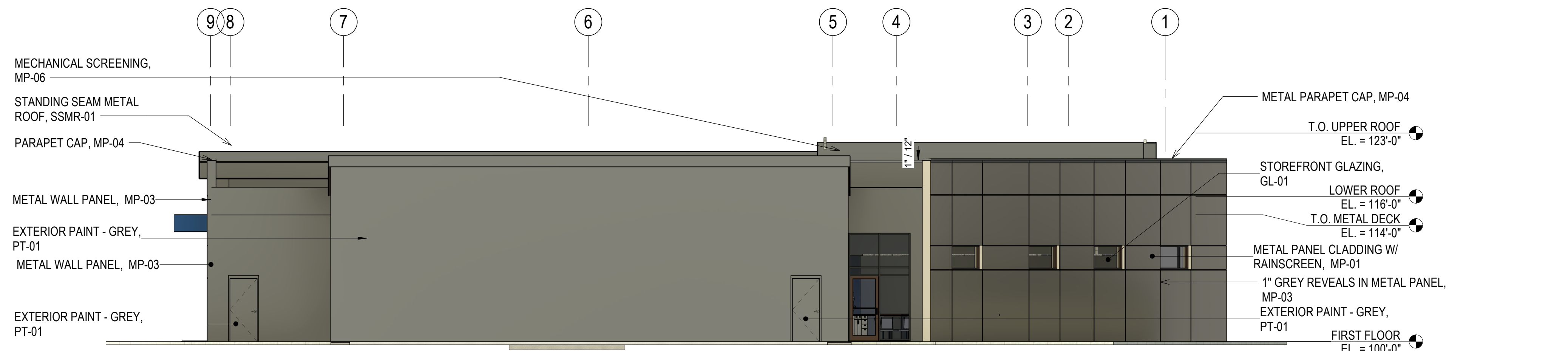
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ISSUE DATE: <b>AUGUST 28, 2023</b>	CONSULTANT'S PROJECT #
DESIGN BY: BD	D2C PROJECT NUMBER 202207
DRAWN BY: HK	CHK BY: HK
DATE: 8/24/2023	FILE NUMBER:
SCALE: 1/8" = 1'-0"	FILE NAME:
SIZE: 22" x 34"	

**SITE DEVELOPMENT PLAN**

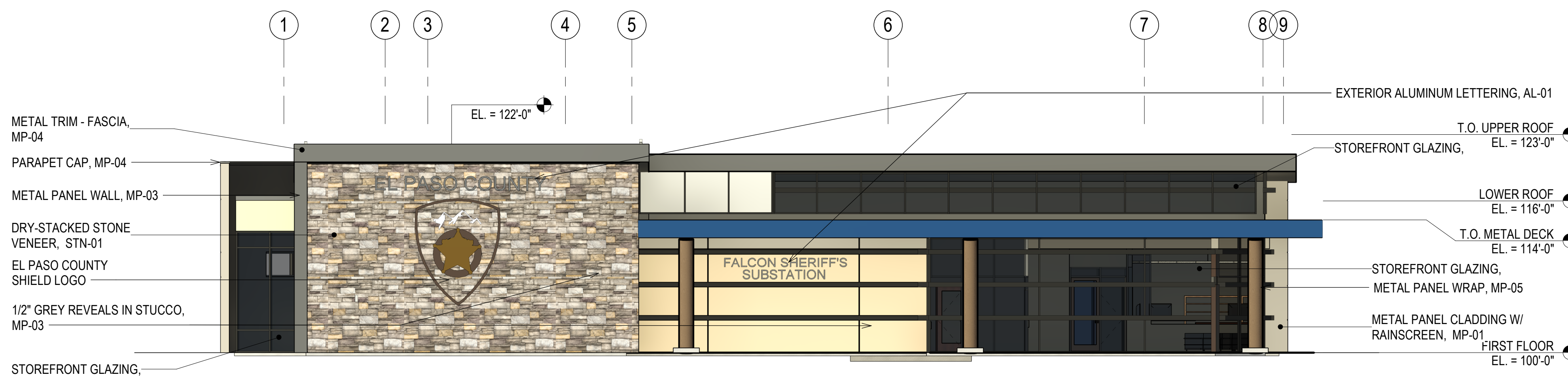
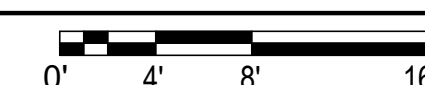
El Paso County Sheriff's Department  
**Falcon - Sheriff Substation**  
12072 Royal County Down Rd, Falcon, Colorado 80831  
**BUILDING ELEVATIONS**

**SHEET IDENTIFICATION**  
**SDP-10**  
SHEET 11 OF 14



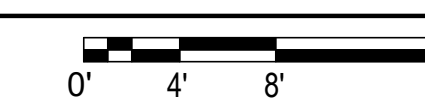
**1 | BUILDING ELEVATION - NORTH ELEVATION, SDP**

SDP-10 | 1/8" = 1'-0"



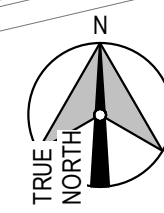
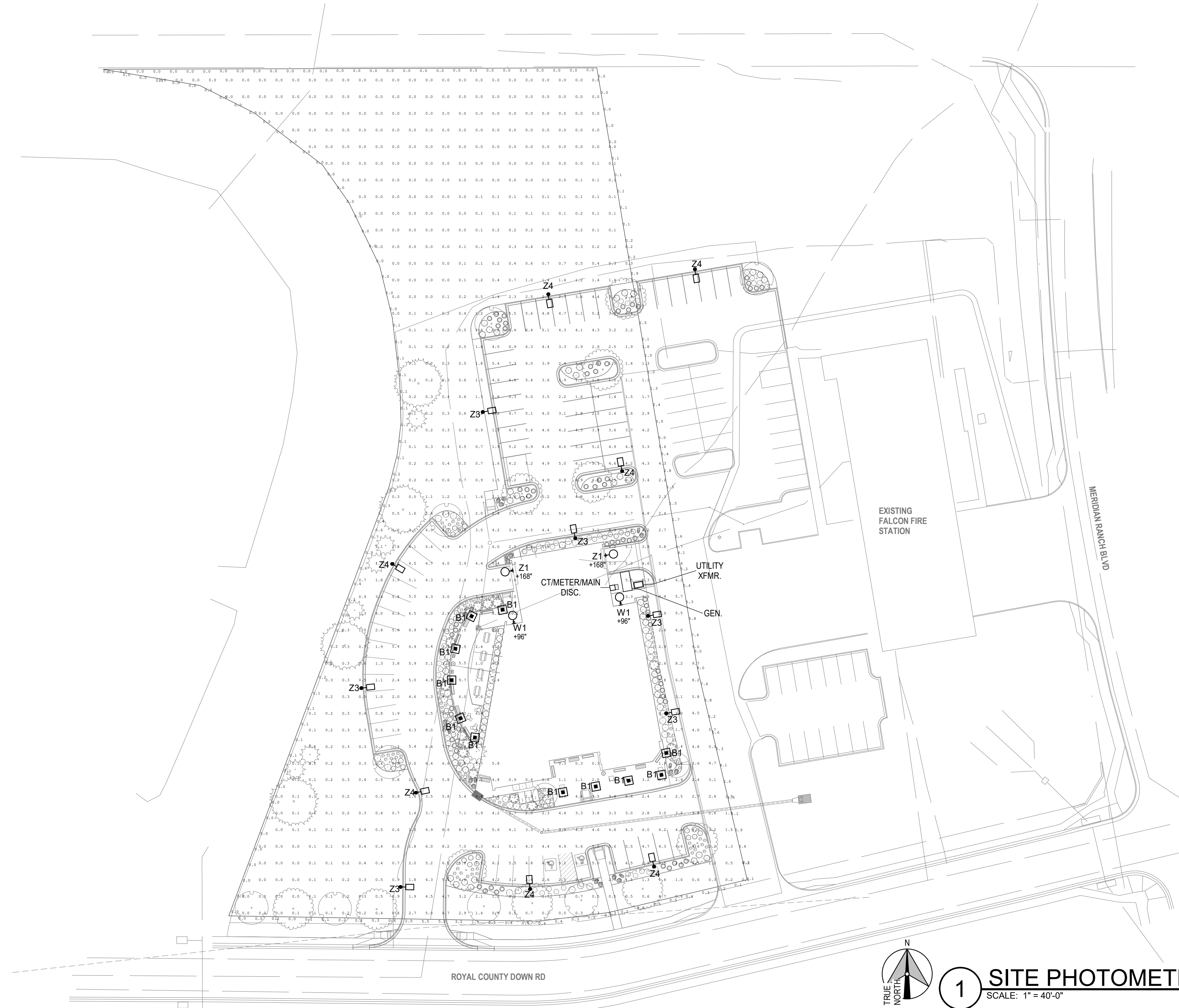
**2 | BUILDING ELEVATION - SOUTH ELEVATION, SDP**

SDP-10 | 1/8" = 1'-0"

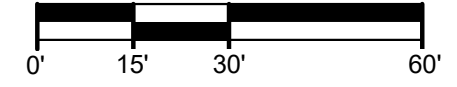


PCD FILE # PPR-22-59

D  
 C  
 B  
 A



**1** SITE PHOTOMETRIC  
 SCALE: 1" = 40'-0"



MARK	DESCRIPTION	DATE	APP'D
1	SDP - Second Review Submittal	12.12.2023	

DESIGN BY: Designer	ISSUE DATE: <b>AUGUST 28, 2023</b>
D2C PROJECT NUMBER 202207	CONSULTANT'S PROJECT #
DRAWN BY: Aubrey	CKD BY: Checker
SEAL BY: Approver	PILOT DATE: 8/23/2023
PILOT SCALE: 1" = 40'-0"	FILE NUMBER:
SIZE: 22" x 34"	FILE NAME:

**SITE DEVELOPMENT PLAN**

NOT FOR CONSTRUCTION

El Paso County Sheriff's Department  
**Falcon - Sheriff Substation**  
 12072 Royal County Down Rd, Falcon, Colorado 80831  
**SITE PHOTOMETRIC**

**SHEET IDENTIFICATION**  
**SDP-11**  
 SHEET 11 OF 13

KIMLIGHTING

PA7R BOLLARD

FEATURES

- IDA Dark Sky Compliant, No Up-light configuration
Elegant form factor blended with Performance Optics
Integral NEMA 3R Enclosure
Dual receptacle power panel
PA System capability
Bluetooth\* enabled RGBW accent



CONTROL TECHNOLOGY



LIGHTING CONTROLS

SPECIFICATIONS

CONSTRUCTION

HOUSING:

- Castings are low copper aluminum alloy die-cast
Gaskets are molded silicone to prevent harmful ingress to the lamp and driver compartments
IP65 rated

SHAFT:

- Aluminum shaft(s) is 1/2" thick extruded aluminum 6061 alloy
Concrete shaft(s) conforms to current specifications for "Portland Cement" ASTM C150, Type I or II
Aggregates shall meet current requirements of "Specifications for Concrete Aggregates," ASTM C33. Water shall be clean and free from deleterious amounts of salt, oil, acids, alkalis or organic materials.

OPTICS:

- LEDs mount to a metal printed circuit board assembly (MCPCB)
Optical lenses are clear injection molded PMMA acrylic
U/O configurations have an optically clear flat tempered glass lens, all other configurations have either an optically clear or high transmission diffused acrylic lens

INSTALLATION:

- Aluminum shaft configurations will have four 3/8" x 10" x 2" zinc plated L-hook anchor bolts
Concrete shaft(s) is medium sand-blasted with anti-graffiti sealer and material color shall be integral to the concrete mix
Concrete shaft(s) is cured to allow for completion of the hydration process, and result in a 28-day compressive strength of not less than 4,500 psi
Concrete shaft(s) is cast from fiberglass molds used to insure uniform parts

DATE: LOCATION:
TYPE: B1 PROJECT: El Paso Substation
CATALOG #: PA7R-FT-NU4-12L-020-3K7-BLT-UNV

Pavilion™



RELATED PRODUCTS
Pavilion Square Pavilion Round Impact Rated

(Specifications continued on page 3)

Table with 2 columns: Key Data, Value. Includes Lumen Range (397-2350), Wattage Range (14-22), Efficacy Range (LPW) (29-108), Reported Life (Hours) (L70/60,000)

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DATE: LOCATION:
TYPE: W1 PROJECT: El Paso Substation
CATALOG #: AAL-CY1-25-3K7-1-2-T

ORDERING GUIDE

Example: CY2-35-3K7-1-2D-UNV-BLS-F-RGBW-FPP-PCU-SF

CATALOG #

Table with columns: Series-Output (Base), CCT-CRI, Model (Light Engine), Main Distribution (Down), Secondary Distribution (Up, Side), Voltage. Lists various lighting configurations and their specifications.

Table with columns: Base Housing Finish, Fascia Form, Luminous Front, Fascia Panel, Control Options, Options. Lists various material and finish options for the lighting fixture.

Notes:
1. Consult factory for custom distributions. See Distribution Matrix on page 4-revisions.
2. PB distribution is available for 90/10 and 70/30/10 models only. Not all combinations are recommended. See Distribution Matrix on page 2 for restrictions.
3. Consult factory for custom color, marine and corrosion finish.
4. RGBW and LFSW luminous fronts are only available with open, four square and perforated fascia panels.
5. Flat and Radius Fascia forms only. Painted panels by default match base housing finish/color. Consult factory for custom panel finishes.
6. Occupancy sensors not available with CB, L or C fascia forms.
7. Luminous front is required to select the Open Panel and 4-Square Panel fascia panels.
8. Consult factory for information on specific configurations with different fascia forms.
9. Custom Building Material Mount (Short Fascia) option allows the Cypher to be sized separately into the building and fixture by matching the finish of the architectural hardware. See page 5 for dimensions and contact factory for additional information.

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KIMLIGHTING

PA7R BOLLARD

ORDERING GUIDE

CATALOG #

Example: PA7R-FT-NU-112L-010-5K7-24A-BLS-UNV-EM

HOUSING

Table with columns: Model, Top, Optics, Distribution, Light Engine. Lists various lighting configurations and their specifications.

Table with columns: Body, Fixture Finish, Control Options, Voltage, Options. Lists various lighting configurations and their specifications.

For Impact Rated 44" OAH Round Pavilion
1. Adds .8" / 5mm to OAH (over all heights)
2. CB and C configurations shall be 804
3. Only available with 1 Type I or 5 Type V distributions only
4. For SP/10SB impact ratings to 120kcal only
5. 240 typical coverage area, not available with CH
6. Dedicated input voltage required for MW Motors sensing
7. 0°C min starting temperature, 50° max start up time, output equivalent to 120-010-4K7
8. Adds .5" width and 1" / 25.4mm to overall height
9. 10" SP for 120-277 and 347 input voltage, DF for 208-240 and 480 input voltage
10. Turtle friendly
11. Consult factory for custom color marine and corrosion finish options
12. 5-Snap MacRex Edge Braving Standard. Consult factory for 3-Snap MacRex Edge Braving

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EXO OUTDOOR LIGHTING

SLING Micro Strike

AREA/SITE/ROAD LIGHTER

FEATURES

- Compact sleek design with multiple LED configurations and simple installation
The SLING includes a universal mounting block for easy pole installation or mast arm option for 2-3/8" OD roadway brackets
Capable of replacing up to 1000w HID luminaires
Micro Strike optical distributions of Type 2, 3, 4W or SOW
Tool-less entry option for easy installation and maintenance
Micro Strike optical distributions of Type 2, 3, 4W or SOW
15G rated for high vibration applications including bridges and overpasses



CONTROL TECHNOLOGY

WISCAPE™

SPECIFICATIONS

- CONSTRUCTION: Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface. Corrosion resistant, die-cast aluminum housing with powder coat paint finish.
OPTICS: Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance.
CONTROLS: Photo control, occupancy sensor and Zigbee wireless available for complete on/off and dimming control.
WARRANTY: 5 Year warranty

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Table with 2 columns: Key Data, Value. Includes Lumen Range (3,200-36,000), Wattage Range (25-255), Efficacy Range (LPW) (118-148), Weight lbs. (kg) (14.5-175 (6.6-8.0))

SLING MicroStrike V2\_R01

architectural lighting

CY2 ACCENT SCALE

FEATURES

- Integral Battery Backup Option
360° Light Distribution
RGBW or Static White Luminous Front Option
Multiple Fascia Options and Finishes
4G Vibration Tested



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Main housing shroud is made of fabricated 5052-H32 aluminum alloy
Housing mounting interface has a stamped silicone gasket
Luminaire housing is free of any visible heat fins, hardware or fasteners
Bracketry and hardware is stainless steel
Luminaire finish consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish
Luminaire finish meets the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance

LED/OPTICS

- LEDs are mounted to a metal printed circuit board assembly (MCPCB) with a uniform conformal coating over the panel surface and electrical features
Optical lenses is clear injection molded PMMA acrylic
Optical array is recessed in order to shield each LED optic across the length of the aperture
Optical array is sealed for IP66 rating
Secondary lens is impact resistant 5/32" tempered glass

INSTALLATION

- JUNCTION BOX: Standard with zinc-plated, quick-mount junction box plate that mounts directly to 4" J-Box
Mounting plate features a one-piece EPDM gasket on back side of plate to firmly seal fixture to wall surface, forbidding entry of moisture and particulates

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EXO OUTDOOR LIGHTING

SLING Micro Strike

AREA/SITE/ROAD LIGHTER

ORDERING GUIDE

Example: ASL1-80L-50-3K7-2-UNV-ASOJ-BLT-7PRM-40F

CATALOG #

ORDERING INFORMATION

Table with columns: Series, # LEDs, CCT/CRI, Distribution, Rotation/Orientation, Voltage, Mounting. Lists various lighting configurations and their specifications.

Table with columns: Control Options Network, Stand Alone Sensors, Control Options, Color. Lists various control and color options for the lighting fixture.

- Notes:
1. Not compatible with RB configurations
2. Not compatible with 48V configurations
3. Must specify voltage
4. Not available with a combination of 347-480 and 120V
5. Must specify voltage, 120V or 277V only
6. Order at least one SPC-REMOTE per project location to program and control the occupancy sensor
7. Replace "x" with "H" for up to 14 mounting height, "40F" for 40' mounting height
8. Replace "x" with "H" for up to 14 mounting height

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Table with 2 columns: Key Data, Value. Includes Lumen Range (3,200-36,000), Wattage Range (25-255), Efficacy Range (LPW) (118-148), Weight lbs. (kg) (14.5-175 (6.6-8.0))

SLING MicroStrike V2\_R01

BranchPattern

www.branchpattern.com
PROJECT NUMBER: 597009
BETTER BUILT ENVIRONMENTS

D2C ARCHITECTS

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Table with columns: DESIGN BY, DDC PROJECT NUMBER, ISSUE DATE, CONSULTANT'S PROJECT #, SOLICITATION NO., CONTRACT NO., FILE NUMBER, FILE NAME, SIZE, SHEET NO. Includes revision table with columns: NO., DESCRIPTION, DATE.

SITE DEVELOPMENT PLAN

NOT FOR CONSTRUCTION

El Paso County Sheriff's Department
Falcon - Sheriff Substation
12072 Royal County Down Rd., Falcon, Colorado 80831
LIGHTING CUT SHEETS

SHEET IDENTIFICATION
SDP-12
SHEET 12 OF 13

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SDP-12

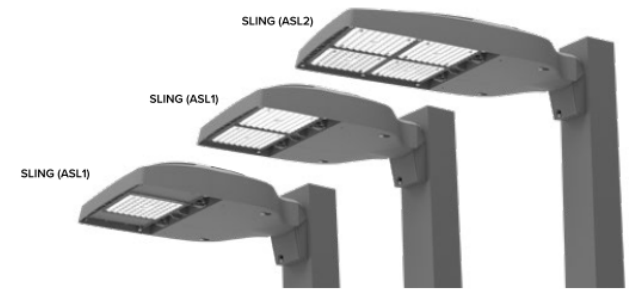
# SLING Micro Strike

AREA/SITE/ROAD LIGHTER

## FEATURES

- Compact sleek design with multiple LED configurations and simple installation
- The SLING includes a universal mounting block for easy pole installation or mast arm option for 2-3/8" R OD roadway brackets
- Capable of replacing up to 1000w HD luminaires
- Micro Strike optical distributions of Type 2, 3, 4W or 5W
- Tool-less entry option for easy installation and maintenance
- 15G rated for high vibration applications including bridges and overpasses

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: Z3, Z4 PROJECT: El Paso Substation  
 CATALOG #: EXO-ASL1-160L-135-3K7-3/4W-U ON A 17" SQUARE POLE



## CONTROL TECHNOLOGY



## SPECIFICATIONS

### CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Separate optical and electrical compartment for improved thermal management and optimum component operation
- TGC thermostat polyester powder paint finish applied at nominal 2.5 mil thickness

### OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- Premium engineered individual acrylic lenses deliver ES Type 2, 3, 4W and SOW distributions
- Lens distributions are field rotatable (in 90° increments) or exchangeable for job site fine-tuning
- 300K, 400K, or 500K (70 CR) CCT
- 80, 160, or 320 midpower LEDs
- 300K, 400K or 500K (70 CR) CCT
- Zero uplight at 0 degrees of tilt
- Field rotatable optics

### INSTALLATION

- Tool-less entry to wiring/driver compartment optional
- Universal mounting block works with #2 drill pattern
- Fixture ships with slotted mounting block to accommodate wide range of drill patterns for easy retrofit opportunities
- Mast arm filter accessory or option available for 2-3/8" OD brackets with vertical tilt of +3°, 0° or -3°

### ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40° C to 40° C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20KA and 30KV protection meeting ANSI/IEEE C62.41.2 Category C High and Surge Location Category C3. Automatically takes future off-line for protection when device is consumed

### CONTROLS

- Photo control, occupancy sensor and Zigbee wireless available for complete on/off and dimming control
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- Dimming Drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 6"
- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- wISCAPE® available with in fixture wireless control module, features dimming and occupancy sensor via 7-pin
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application

### CERTIFICATIONS

- Listed to UL 5085 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- DLC (DesignLights Consortium Qualified) with some Premium Qualified configurations. Please refer to the DLC website for specific product qualifications at www.designlights.org
- 15G rated for ANSI C136.31 high vibration applications
- IP65 optical assembly
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020.

### WARRANTY

- 5 Year warranty

KEY DATA	
Lumen Range	3,200-36,000
Wattage Range	25-255
Efficacy Range (LPW)	118-148
Weight lbs. (kg)	14.5-17.5 (6.6-8.0)

# SLING Micro Strike

AREA/SITE/ROAD LIGHTER

## ORDERING GUIDE

Example: ASL1-80L-50-3K7-2-UNV-ASQU-BLT-7PRM0-40F

Series	# LEDs	CCT/CRI	Distribution	Rotation/Orientation	Voltage	Mounting
ASL1 ASL1 MicroStrike Series	80L-25	2,500 lm	2 Type 1	L Optic rotation left	120 120V	ASQ3 Universal Mount
	80L-39	4,500 lm	3 Type 1	R Optic rotation right	208 208V	A3 AS with 3.5-4.13" OD RPA3 & U
	80L-50	6,000 lm	4W Type 4W		240 240V	A4 AS with 4.18-5.25" OD RPA4 & U
	160L-70	9,000 lm			277 277V	A5 AS with 5.54-6.5" OD RPA5 & U
	160L-100	12,000 lm			347 347V	MAF Mast Arm Filter for 2-3/8" OD
160L-155	16,000 lm			480 480V		
ASL2 ASL2 MicroStrike Series	320L-145	21,000 lm				
	320L-170	24,000 lm				
	320L-185	27,000 lm				
	320L-210	30,000 lm				
	320L-235	33,000 lm				
320L-255	35,000 lm					

Control Options Network	Options	Color
NXSPW30P <sup>1</sup> NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30° (use white for WH, black for DB, GT, TT, gray for LG, PS)	F Fusing	BLT Black Matte Textured
NXSP30P <sup>1</sup> NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30° (use white for WH, black for DB, GT, TT, gray for LG, PS)	BC Backlight Control	BLS Black Gloss Smooth
NXW1 <sup>1</sup> NX1 Networked Wireless Radio Module (NWRM) and Bluetooth Programming, without Sensor	TB Terminal Block	DBT Dark Bronze Matte Textured
Standard Sensors	TE Toolless Entry	DBS Dark Bronze Gloss Smooth
SCR-8P1 <sup>1</sup> Remote control programmable line voltage sensor	SSF Stainless Steel Fasteners	GTT Graphite Matte Textured
SCR-40P1 <sup>1</sup> Remote control programmable line voltage sensor		LGS Light Grey Gloss Smooth
Control Options Other		LGT Light Grey Matte Textured
7PR 7 Pin Receptacle		PSS Platinum Silver Smooth
7PR-SC 7 Pin Receptacle with shunting cap		WHT White Matte Textured
7PR-MDBF 7 Pin Receptacle with low voltage sensor at 8' mounting for external control accessory		WHS White Gloss Smooth
7PR-MD40F 7 Pin Receptacle with low voltage sensor at 40' mounting for external control accessory		VGT Verde Green Textured
7PR-RL 7 Pin Receptacle with Photocontrol		CC Custom Color
ADD Auto-Dim timer based dimming		
ADT Auto-Dim time of day dimming		
Sensors		
BTS_F Bluetooth Programmable, PIR Occupancy/Daylight Sensor, 360° lens		
BTSO_F Bluetooth Programmable, PIR Occupancy/Daylight Sensor, 360° lens, up to 12' mounting height <sup>1</sup>		

Notes:  
 1 Not compatible with 80L configurations  
 2 Not compatible with 480V configurations  
 3 Mast specify voltage  
 4 Not available with a combination of 347-480 and fusing  
 5 Mast specify voltage, 120V or 277V only  
 6 Order at least one SP-REMOTE per project location to program and control the occupancy sensor  
 7 Replaces "1" with "TR" for up to 14' mounting height, "40P" for 15-40' mounting height  
 8 Replaces "1" with "TR" for up to 12' mounting height

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NO.	DATE	DESCRIPTION	MARKS
1	12.12.2022	SDP - Second Review Submittal	

DESIGN BY: Designer D2C PROJECT NUMBER 202207	ISSUE DATE: AUGUST 28, 2023	CONSULTANT'S PROJECT #
DRAWN BY: Author GJK BY: Checker	SOLICITATION NO.:	
SEAL BY: Approver	CONTRACT NO.:	
PLOT SCALE: 1:100.59 PM	FILE NUMBER:	
SIZE: 22" x 34"	FILE NAME:	

## SITE DEVELOPMENT PLAN

NOT FOR CONSTRUCTION

El Paso County Sheriff's Department  
**Falcon - Sheriff Substation**  
 12072 Royal County Down Rd, Falcon, Colorado 80831  
**LIGHTING CUT SHEETS**