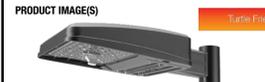


<b>VIPER S</b> STRIKE SMALL VIPER LUMINAIRE	Cat.#	Type	Approvals
	Job		

**SPECIFICATIONS**

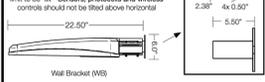
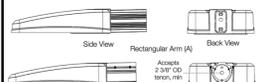
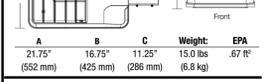
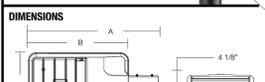
**Intended Use:**  
The Beacon Viper luminaire is available with a wide choice of different LED Wattage configurations and optical distributions designed to replace HID lighting up to 400W MH or HPS.

**Construction:**  
• Manufactured with die cast aluminum.  
• Coated with a polyester finish that meets ASTM B117 corrosion test requirements and ASTM D522 cracking and loss of adhesion test requirements.  
• External hardware is corrosion resistant.  
• One piece optical carriage system consisting of an LED engine, LED lenses, optics, gasket and stainless steel boat.  
• Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system.  
• Two-piece silicone and micro-cellular polyurethane foam gasket ensures a weather-proof seal around each individual LED.  
**Electrical:**  
• 100V through 277V, 50 Hz to 60 Hz (L/NV), or 347V or 480V input.  
• Power factor is >0.9 at full load  
• Dimming drivers are standard, but CD must be selected in options to obtain external wiring leads for dimming controls  
• Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher.  
• Plug disconnects are certified by UL for use at 600 VAC, 15A or higher. 15A rating applies to primary (AC) side only.  
• Fixture electrical compartment shall contain all LED driver components  
• Surge protection - 20kA  
• Optional 7-pin ANSI C136.41-2013 twist-lock photo control receptacle available. Compatible with ANSI C136.41 external wireless control devices.  
• Lenseshield™ Circuit - protects luminaire from excessive temperatures. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "fail off", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).



**PRODUCT IMAGE(S)**

Tubule Friendly



**CERTIFICATIONS/LISTINGS**

UL, ETL, IESNA, etc.

**ORDERING INFORMATION**

ORDERING EXAMPLE: VPS/24L-45/AM/4W/UNV/A/DBT/BC

SERIES	LED ENGINE	CCT	ROTATION	VOLTAGE	COLOR	OPTIONS
VPS Viper	24L-45 45W LED array	AM Amber	Leave blank for no rotation	UNV 120-277V	BLT Black Matte Textured	CD Continuous Dimming
	36L-65 65W LED array		L <sup>1</sup> Optic rotation left	120 120V	BLS Black Gloss Smooth	F Fixing
	48L-85 80W LED array		R <sup>1</sup> Optic rotation right	208 208V	DBT Dark Bronze Matte Textured	BSP Bird Spikes
	60L-105 105W LED array			240 240V	DBS Dark Bronze Gloss Smooth	BC Backshield (available for FR, 2, 3, 4, 4W Optics)
				277 277V	GTT Graphite Matte Textured	TB Terminal Block
				347 347V	LGS Light Grey Gloss Smooth	
				480 480V	PSS Platinum Silver Smooth	
					WHT White Matte Textured	
					WHS White Gloss Smooth	
					VGT Verde Green Textured	
					COLOR OPTION	
					CC Custom Color	

**HOUSE SIDE SHIELD ACCESSORIES**

HSS/VPS-90-FB/XXX 90° shield front or back  
HSS/VPS-90-LR/XXX 90° shield left or right  
HSS/VPS-270-FB/XXX 270° shield front or back  
HSS/VPS-270-LR/XXX 270° shield left or right  
HSS/VPS-360/XXX Full shield

**MOUNTING ACCESSORIES**

VPL-AD-RP43 2.4"-4.1" Round Pole Adapter for AD arm  
VPL-AD-RP44 4.2"-5.3" Round Pole Adapter for AD arm  
VPL-AD-RP45 5.5"-5.9" Round Pole Adapter for AD arm  
VPL-AD-RP46 6.0"-6.5" Round Pole Adapter for AD arm

**MOUNTING**

A Rectangular Arm (formerly RA) for square or round pole  
MAF Mast Arm Fitter (formerly SF2) for 2-3/8" OD horizontal arm  
K Knuckle (formerly PK2) limit to 45° tilt or 2-3/8" OD horizontal arm or vertical tenon  
WB Wall Bracket

**CONTROL OPTIONS**

7PR 7-Pin Receptacle only (shorting cap, photo control, or wireless control provided by others)  
7PR-SC 7-Pin Receptacle w/Shorting Cap  
7PR-TL 7-Pin Receptacle w/Twist Lock photo control

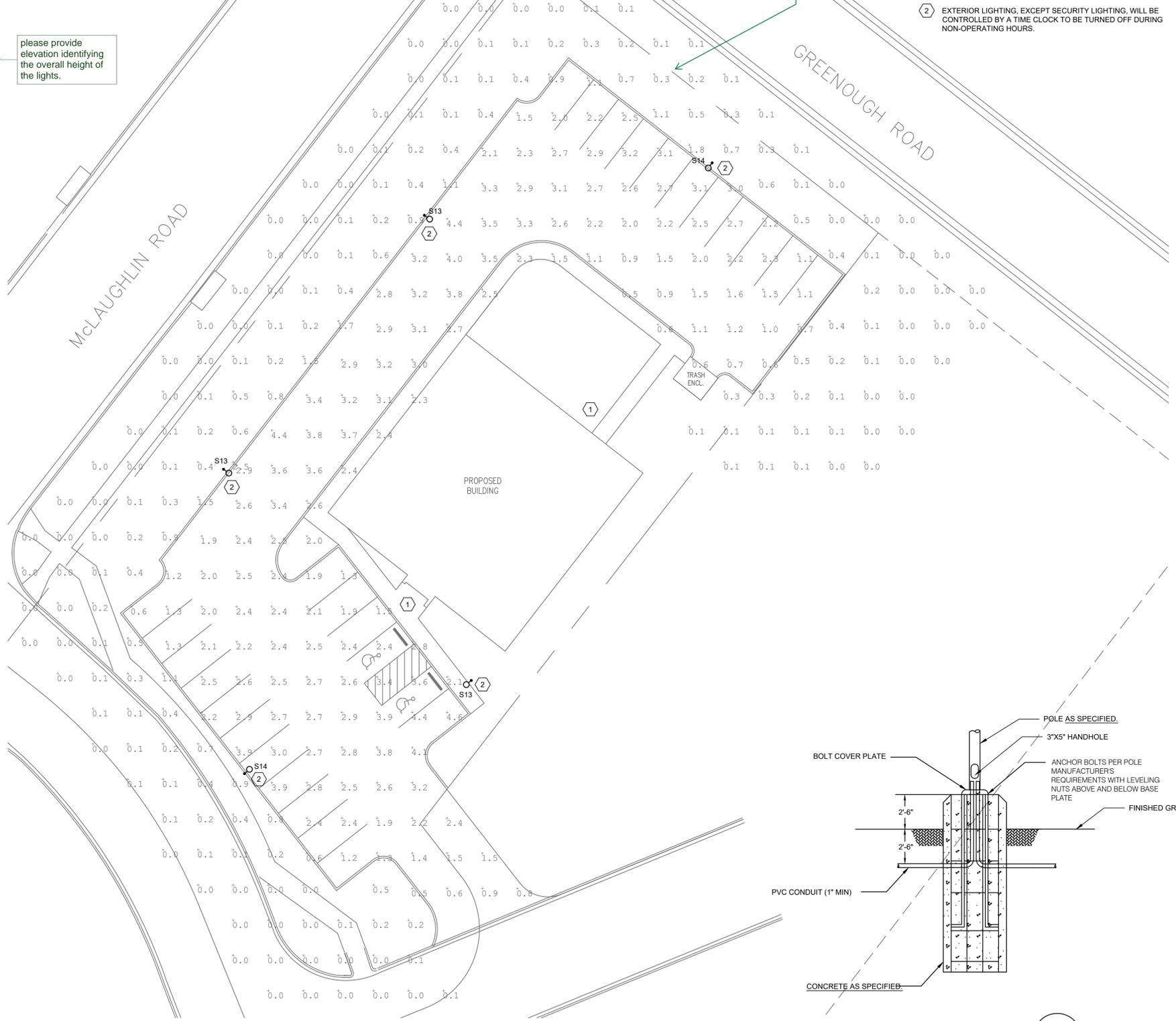
**RECOMMENDED SITING/ORDERING INFORMATION:** When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group information, and Operating schedules. For more detailed information please visit [www.hubbell.com/illumination](http://www.hubbell.com/illumination) or contact Hubbell Lighting tech support at 864-678-1000.



Beacon Products • 2041 58th Avenue Circle East • Bradenton, FL 34203 • Phone: 864.678.1000  
Due to our continued efforts to improve our products, product specifications are subject to change without notice.  
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TYPE	MANUFACTURER/CATALOG NO.	LAMP TYPE	FINISH	MOUNTING	VOLTAGE	DESCRIPTION
S13	BEACON VP-S-60L-136-4K7-3-BC OR APPROVED EQUAL	(60) LED 4000K 2,000 LUMENS	BLACK	POLE 20' AFF	120-277V	POLE MOUNT AREA LIGHT WITH TYPE 3 HEAD WITH BACK SHIELD
S14	BEACON VP-S-60L-136-4K7-4W-BC OR APPROVED EQUAL	(60) LED 4000K 2,000 LUMENS	BLACK	POLE 20' AFF	120-277V	POLE MOUNT AREA LIGHT WITH TYPE 4 WIDE HEAD WITH BACK SHIELD

CALCULATION SUMMARY							
LABEL	CALC TYPE	ILLUMINANCE	UNITS	AVG	MAX	MIN	AVG/MIN
PROPERTY LINE	ILLUMINANCE	FC	FC	0.2	2.5	0	N/A



1. Please revise to meet limit of 0.1 footcandles at property line adjacent to residential property or public ROWs per LDC Ch. 6 lighting standards.

please provide elevation identifying the overall height of the lights.

**GENERAL NOTES**

A. DRAWINGS ARE BASED ON RECORD DRAWINGS (NOT GUARANTEED TO BE CURRENT AT TIME OF CONSTRUCTION) AND FIELD INVESTIGATION WITH DEMOLITION. EXAMINE PLANS AND VISIT THE SITE TO FIELD VERIFY ACTUAL CONDITIONS AND COORDINATE SAME WITH OTHER TRADES PRIOR TO STARTING WORK.

B. A LICENSED AND BONDED CONTRACTOR SHALL BE USED FOR INSTALLATION. ALL LOCAL CODES SHALL BE FOLLOWED DURING INSTALLATION.

**KEYED NOTES**

1 LIGHTING FOR THE WALKWAYS WILL BE PROVIDED BY WALL-MOUNTED DOWN CASTING FIXTURES LOCATED ON PROPOSED BUILDING.

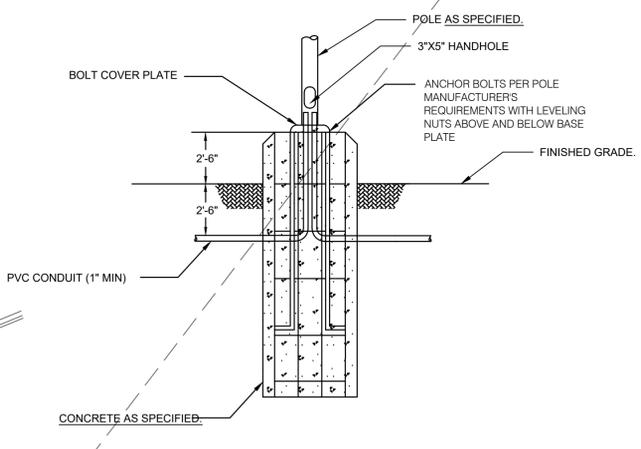
2 EXTERIOR LIGHTING, EXCEPT SECURITY LIGHTING, WILL BE CONTROLLED BY A TIME CLOCK TO BE TURNED OFF DURING NON-OPERATING HOURS.

GREENOUGH ROAD

MCLAUGHLIN ROAD

TRASH ENCL.

PROPOSED BUILDING



POLE BASE DETAIL 1  
SCALE: NTS

SITE PLAN - PHOTOMETRIC  
SCALE: 1/16" = 1'-0"

ENGINEER SEAL:



FALCON FAMILY EYE CARE  
7615 MCLAUGHLIN RD  
PEYTON, CO 80831

NO.	REVISION	DATE
1	DP PLAN SUBMITTAL	12/21/2020

PROJECT NO: 0005  
DRAWN BY: MPC  
CHECKED BY: MPC  
DATE: 12/07/2020

SHEET CONTENTS:  
SITE PLAN - PHOTOMETRIC

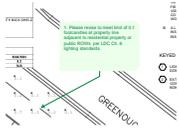
SHEET NUMBER:  
SHEET 12 OF 13  
E100A

# Lighting Plan\_V1.pdf Markup Summary

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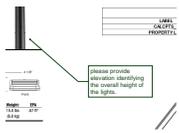
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**Space:**

1. Please revise to meet limit of 0.1 footcandles at property line adjacent to residential property or public ROWs per LDC Ch. 6 lighting standards.

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please provide elevation identifying the overall height of the lights.