



**JUSTIN PARKS & RECREATION ADVISORY BOARD &
KEEP JUSTIN BEAUTIFUL COMMITTEE**

TUESDAY, JUNE 21, 2022 at 6:00 PM

415 NORTH COLLEGE ST
JUSTIN, TEXAS 76247

COMMITTEE MEMBERS:

Andrea Pasnewski
Jacqueline Steinbacher – Vice Chair
Alyssa Linenkugel
Juli Cuthbertson
Katie Fry
Robert Gonzales

STAFF / COUNCIL LIAISON:

Kira Sedivy – Public Works
John Mounce – City Council
James Clark – City Council

CALL TO ORDER

Invocation and Pledge of Allegiance

CONSENT ITEMS: None

PUBLIC COMMENT: To expedite the flow of business and to provide all the citizens the opportunity to speak, the Parks and Recreation Committee Chair may impose a three-minute limitation on any person addressing the board.

STAFF UPDATE: None

DISCUSSION / ACTION ITEMS

1. Discuss, consider and take appropriate action regarding the Veterans Memorial

FUTURE AGENDA ITEMS

ADJOURN

NEXT MEETING: TUESDAY JULY 5, 2022

I, the undersigned authority, do hereby certify that the above notice of the meeting of the Justin Parks and Recreation Committee is a true and correct copy of the said notice that I posted on the official bulletin board at Justin City Hall, 415 North College Street, Justin, Texas, a place of convenience and readily accessible to the general public at all times, and said notice posted this **17th day of June, 2022 by 5:00 p.m.**, at least 72 hours preceding the scheduled meeting time.

Kira Sedivy

Public Works Administrative Coordinator

Parks and Recreation Advisory Board

June 21, 2022

Justin City Hall, 415 North College Street

Cover Sheet

Agenda Item: #1

Title: Discussion regarding a Veterans Memorial

Department: Administration

Contact: Public Works Administrative Coordinator, Kira Sedivy

Recommendation: Staff would recommend the board review material, quotes and gather the information they want to create a presentation to present to City Council during their July 26th meeting.

Background: The Lions Club donated \$15,000 towards the memorial. It must begin construction within the next 2 years from when the agreement was signed which was March 2022. There is the potential to seek additional funding from other sources; City Council, EDC/CDC and Rotary. It would be ideal to create a visual presentation when requesting/seeking funds.

City Attorney Review: N/A

Bishop Park Memorial location





Park Entrance Sign location



Flag Pole location



Memorial Location



Memorial Location

Option #1



Option #2



Option #3



Option #4



MEMORIAL MONUMENTS

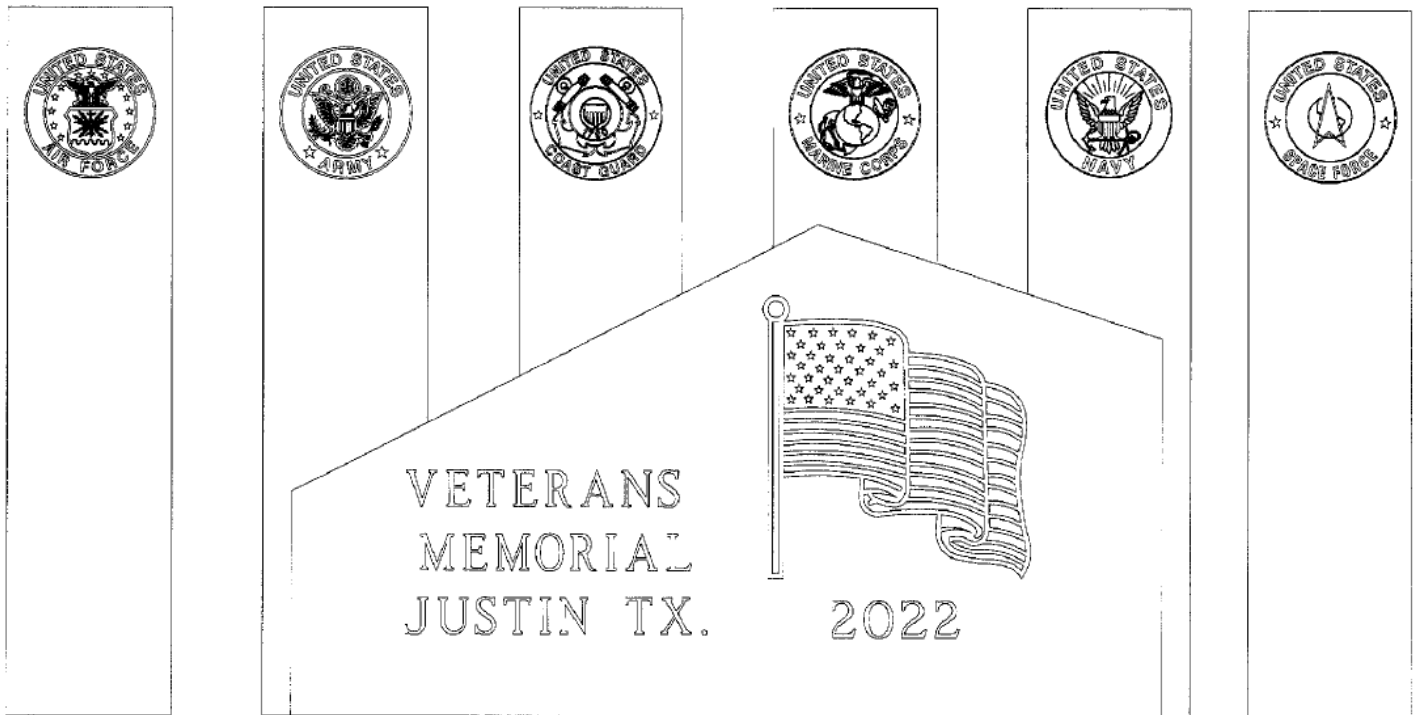
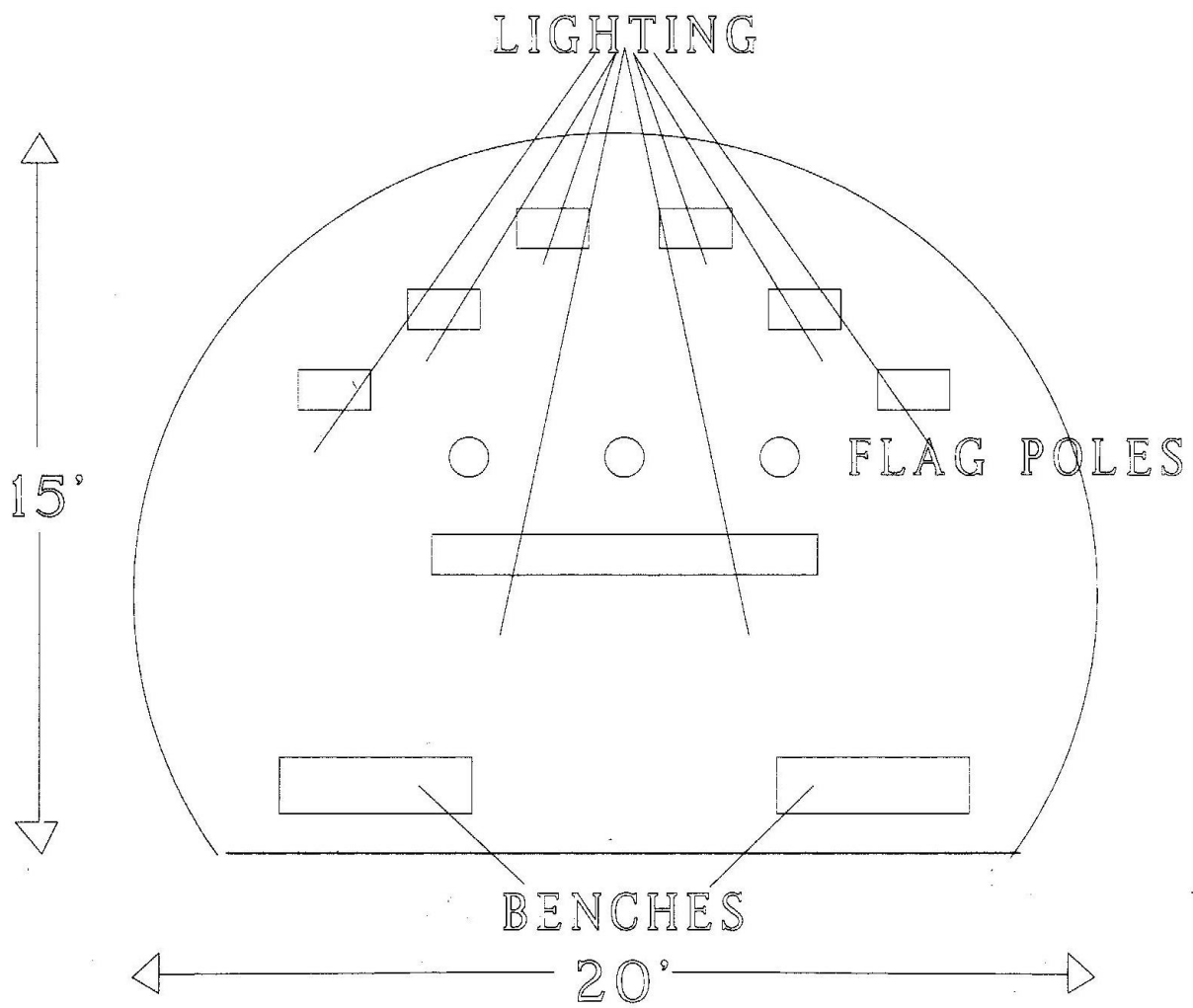
8006 JACKSBORO HWY
FORT WORTH, TEXAS 76135
817-237-2800
Sam Masner

memorialmonuments@gmail.com

June 1, 2022

PROPOSAL: Justin Veterans Memorial

Item Description	Amount
(6) COLUMNS 1' 6" x 10" x 6' 6" all polished	
GRAY GRANITE	\$15,494.00
(1) DIE 8' X 8" X 4' 6" all polished	
GRAY GRANITE	\$9,700.00
(6) 12X12 BRONZE MEDALLIONS	
ARMY NAVY AIR FORCE MARINES COAST GUARD SPACE FORCE	\$6,270.00
GRAY GRANITE TOTAL: \$31,464	
TIME FRAME WILL BE MINIMUM 6-9 MONTHS BASED ON AVAILABILITY OF GRANITE BLOCKS	
INSTALLATION EQUIPMENT, SUPPLIES AND LABOR ON CUSTOMER'S PREPARED FOUNDATION IS INCLUDED	





May 27, 2022

Josh Little
City of Justin
217 E. 4th St.
Justin, Texas 76247

Reference: Justin Bishop Park – Monument & Flag Pole Lighting - revised

Please see the scope and pricing for the above referenced project at the Bishop Park location.

Work Scope: Furnish and Install the following

- 100 amp 120/240v single phase service with N3R panel (see attached service design)
- Five (5) LED light fixtures for the Monument location (see attached lighting layout design)
- Three (3) LED light fixtures for the one flag pole location (3 per flag pole) (see attached lighting layout design)
- 1 – 20a 120 volt circuit for each location (total of two locations)
- Photocell controlled contactor for the lighting circuit control
- Conduit, wiring, termination and labor
- Permit if required for city inspections
- Exclusions:
 - o Sales Tax
 - o Excavation and backfill of underground installation

Quote Amount:

\$ 14,646.00

Please feel free to contact me if you need additional information or if you have any questions.

Regulated by the Texas Department of Licensing & Regulations
PO Box 12157
Austin, TX 78711
1.800.803.9202
www.license.state.tx.us

Leo Wise
817-944-5468 mobile



Bullet shape die cast aluminum flood with spotlighting for over 40 feet away.

Color: Bronze

Weight: 3.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.12A
208V	0.07A
240V	0.06A
277V	0.06A
Input Watts	13.5W

LED Info

Watts	13W
Color Temp	5100K (Cool)
Color Accuracy	71 CRI
L70 Lifespan	100,000 Hours
Lumens	1,640
Efficacy	121.5 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations. Suitable for ground mounting.

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.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: PSEHVPID

Performance

Lifespan:

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

Optical

Spotlight Distribution:

Beam Angle of 11° and Field Angle of 24° enables the HSLED to produce a very narrow spot distribution

NEMA Type:

NEMA Beam Spread of 3H x 3V

LED Characteristics

LEDs:

13 Watt high output, long-life LED

Lumen Maintenance:

100,000 hours Life Based on LM-80 Tests

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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 (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:

Constant Current, 120-277V with 4kV surge protection, 120V: 0.12A, 208V: 0.07A, 240V: 0.06A, 277V: 0.06A

THD:

10.11% at 120V, 10.95% at 277V

Power Factor:

99% at 120V, 91.7% at 277V

Technical Specifications (continued)

Electrical

Surge Protection:

4kV

Construction

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:

Cast aluminum Thermal Management system for optimal heat sinking. The HSLED is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

Housing:

Precision die-cast aluminum housing, hood and mounting arm

Gaskets:

High-temperature Silicone

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

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.

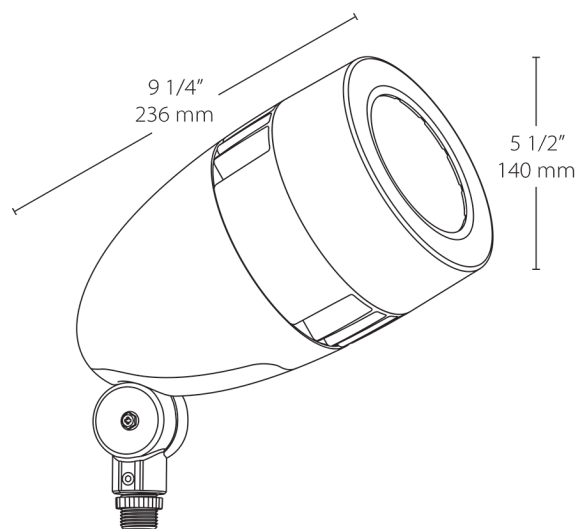
Patents:

The design of the HSLED is protected by Taiwan Patent 01510965 and patents pending in US, Canada, China, and Mexico

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.

Dimensions



Features

Spot lighting for over 40 feet away

Perfect for flag lighting

NEMA type - 4H x 4V

Available in four colors

100,000-hour life based on LM-80 results and TM-21 calculations

5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver Options	Other Options
HSLED	13		A		
	26 = 26W 13 = 13W 18 = 18W	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Bronze W = White B = Black VG = Verde Green A = Bronze	Blank = No Option /D10 = 0-10V Dimming /480 = 480V (Only available for 26W)	USA = BAA Compliant Blank = Standard



Color: Bronze

Weight: 4.3 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.12A
208V	0.07A
240V	0.06A
277V	0.06A
Input Watts	13.5W

LED Info

Watts	13W
Color Temp	5000K (Cool)
Color Accuracy	71 CRI
L70 Lifespan	100,000 Hours
Lumens	1,980
Efficacy	146.7 lm/W

Technical Specifications**Compliance****UL Listed:**

Suitable for wet locations. Suitable for ground mounting.

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.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: PV5TSVJA

Performance**Lifespan:**

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

Construction**Swivels:**

Fully adjustable with sure-grip locks. 1/2" NPS threaded arm with serrated locking swivel fits all standard mounting covers. Color matched EZ Grip lock nuts. Stainless steel screw.

Housing:

Precision die-cast aluminum housing

Gaskets:

High-temperature Silicone

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

LFLOOD 13W:

LED Floodlight that reduces energy consumption by 85% compared to 100W PAR38. Spot and Flood beam patterns. Recommended for Residential and Commercial applications.

Other**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.

Equivalency:

250W BR40

Technical Specifications (continued)

Other

Patents:

LFLOOD thermal Management technology is protected under utility patents pending in the U.S., Canada and China.

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.

LED Characteristics

Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 100,000 hours of operation

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warranted 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.

Optical

Reflectors:

NEMA 5x5 floodlight reflector. Photometrics show flood configuration.

Electrical

Driver:

Constant Current, 120-277V with 4kV surge protection, 120V: 0.12A, 208V: 0.07A, 240V: 0.06A, 277V: 0.06A

THD:

10.08% at 120V, 10.94% at 277V

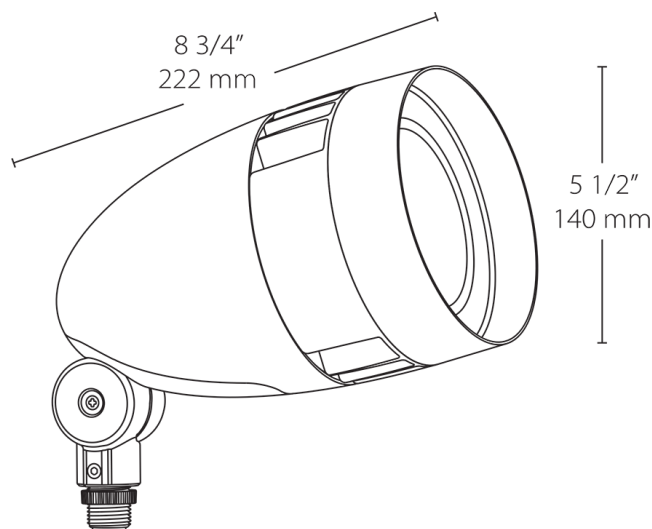
Power Factor:

99% at 120V, 91.7% at 277V

Surge Protection:

4kV

Dimensions

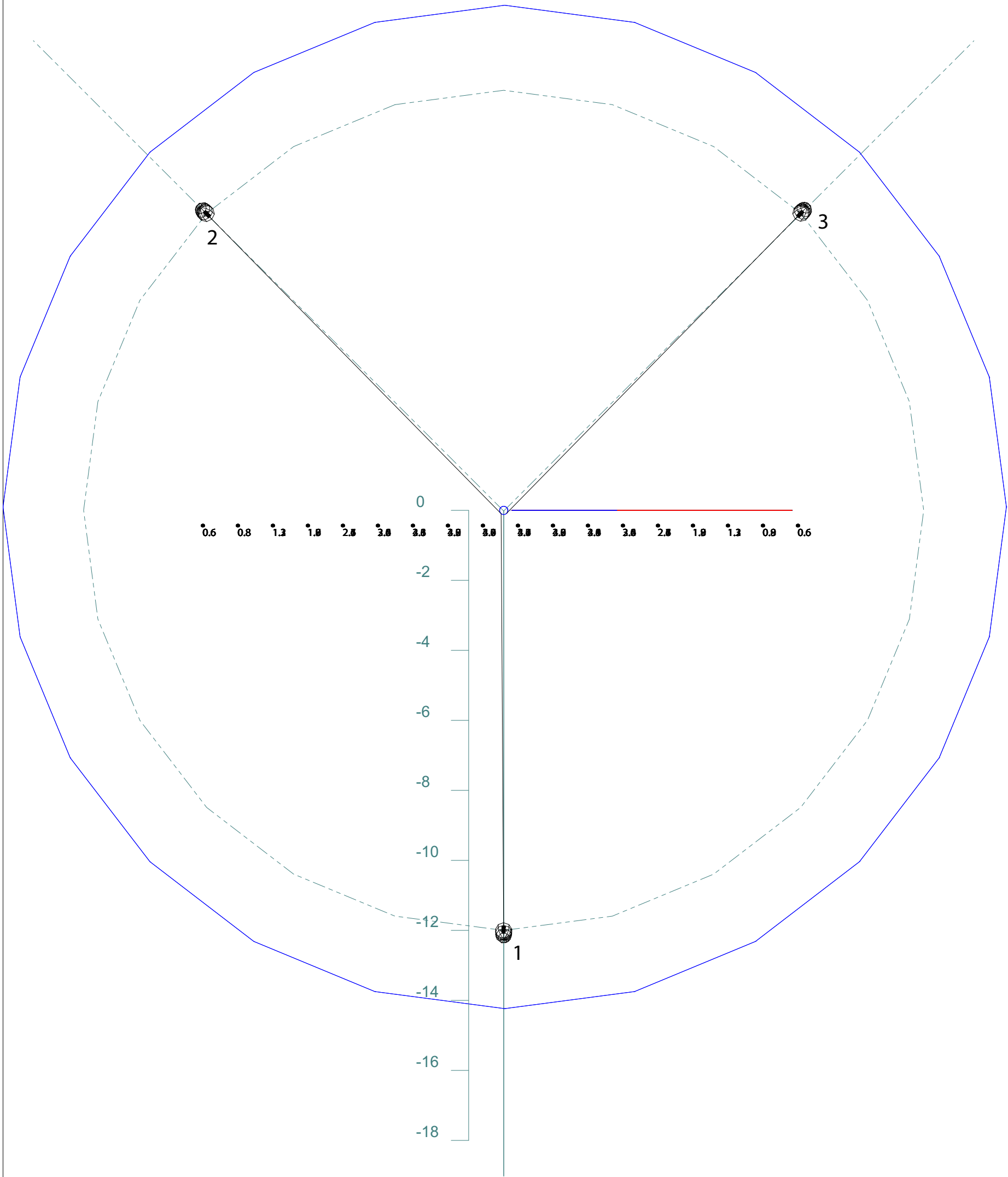


Features

- 80% energy savings vs. PAR floods
- Mount on junction box or on RAB Mighty Post
- Patent-pending "Air-Flow" technology
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver Options
HBLED	13		A	
	18 = 18W 26 = 26W	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	A = Bronze W = White B = Black VG = Verde Green	Blank = No Option /D10 = 0-10V Dimming /480 = 480V - Only available for 26W

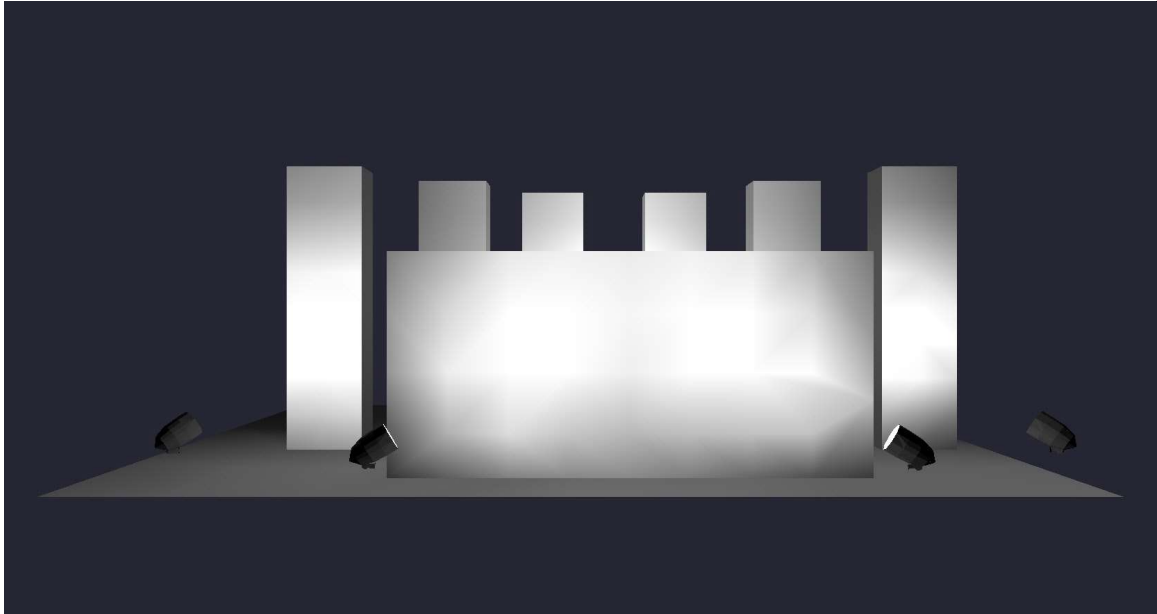


Plan view of Point by Point
Scale: 1 inch= 3 Ft.

The Lighting Analysis, ezLayout, Energy Analysis and/or Visual Simulation ("Lighting Design") provided by the RAB Lighting Inc. ("RAB") represent an anticipated prediction of lighting system performance based upon design parameters and information supplied by others. These design parameters and information provided by others have not been field verified by RAB and therefore actual measured results may vary from the actual field conditions. RAB recommends that design parameters and other information be field verified to reduce variation.

RAB neither warranties, either implied or stated with regard to actual measured light levels or energy consumption levels as compared to those illustrated by the Lighting Design. RAB neither warranties, either implied or stated, nor represents the appropriateness, completeness or suitability of the Lighting Design intent as compliant with any applicable regulatory code requirements with the exception of those specifically stated on drawings created and submitted by RAB. The Lighting design is issued, in whole or in part, as advisory documents for informational purposes and is not intended for construction nor as being part of a project's construction documentation package.

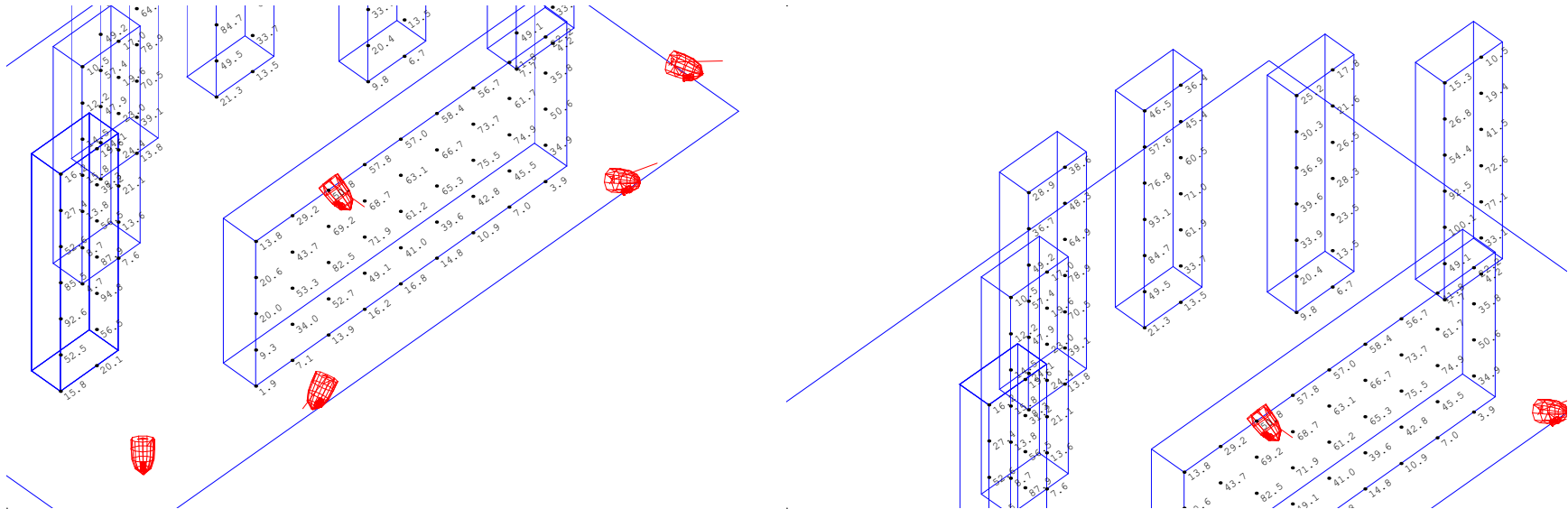
	RAB LIGHTING 170 LUDLOW AVE. NORTHVALE, NJ 07647 888-722-1000 WWW.RABWEB.COM	PREPARED FOR:	JOB NAME: 30' Flag Pole Fixture: HSLED13 3 @ 120°	SCALE: as noted
				DATE: 10/04/16
				FILE:
				DR. BY: EL/DGA



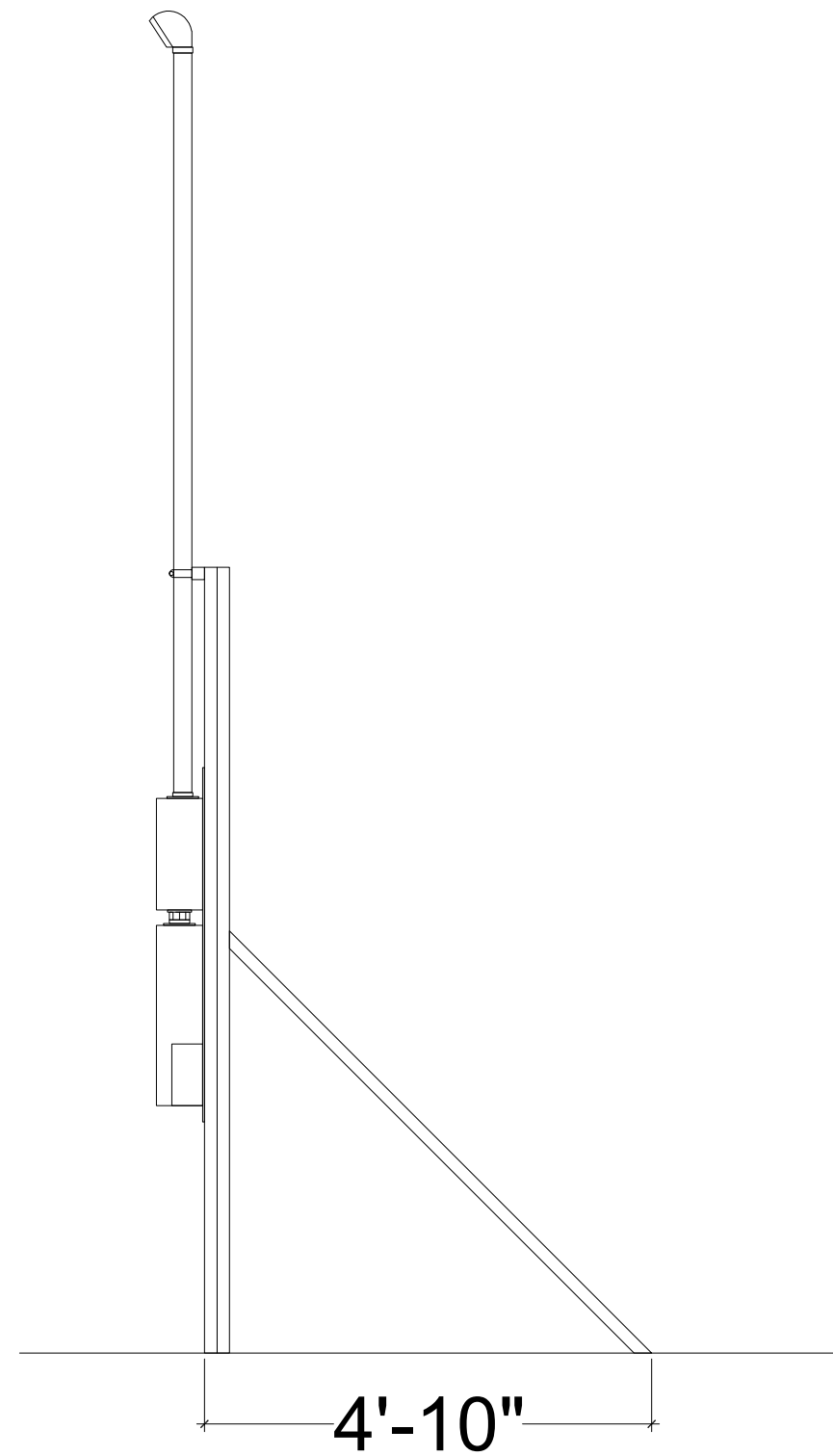
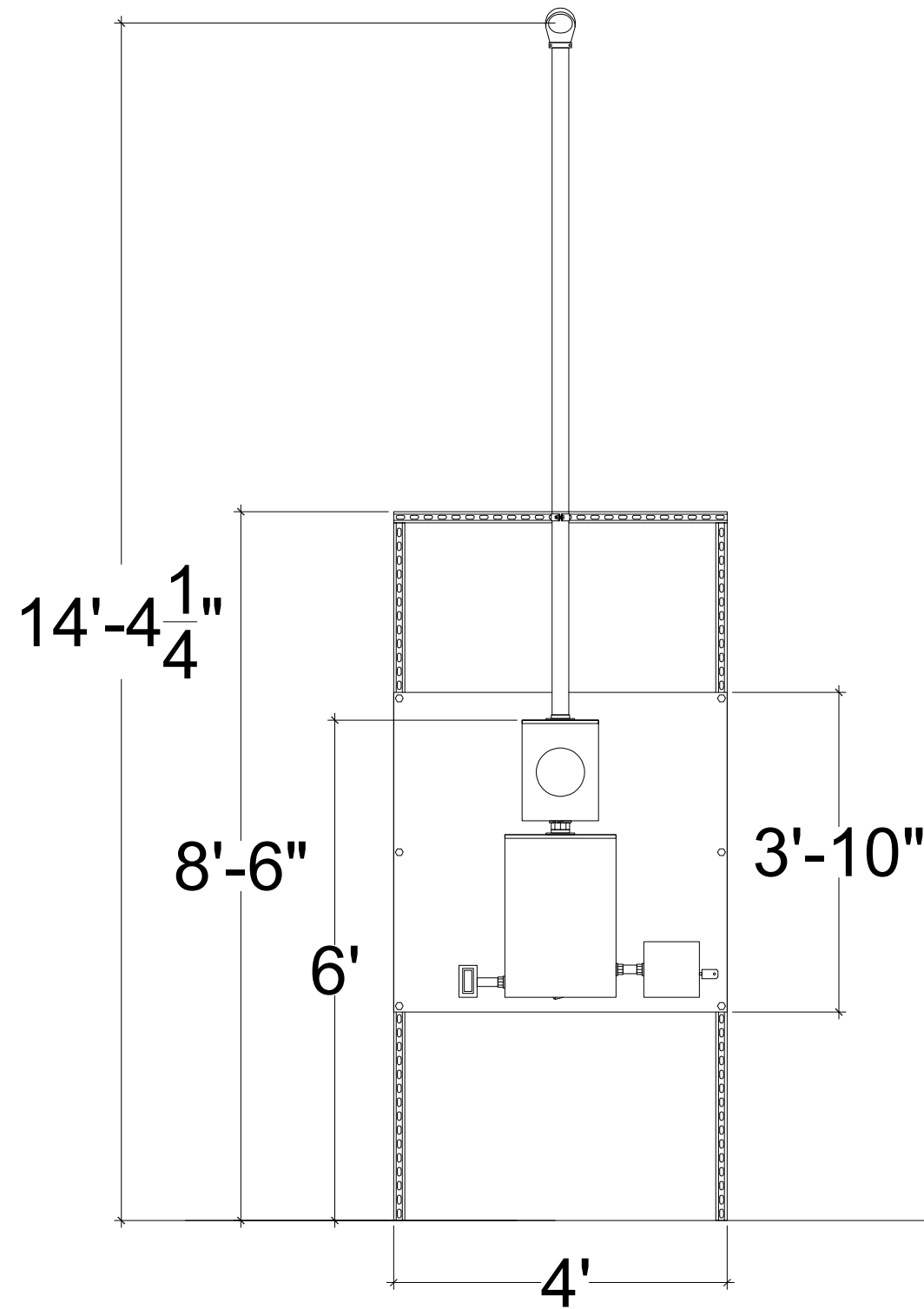
Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
	5	HBLED13	SINGLE	N.A.	1.000	

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Object 4 2 1 Side 3	Illuminance	Fc	14.75	24.4	4.7	3.14	5.19
Object 4 2 2 Side 3	Illuminance	Fc	43.33	78.9	8.3	5.22	9.51
Object 4 2 3 Side 3	Illuminance	Fc	53.71	93.1	13.5	3.98	6.90
Object 4 2 4 Side 3	Illuminance	Fc	23.86	39.6	6.7	3.56	5.91
Object 4 2 5 Side 3	Illuminance	Fc	43.16	100.1	4.2	10.28	23.83
Object 4 2 Side 3	Illuminance	Fc	50.66	94.8	15.8	3.21	6.00
Object 4 Side 3	Illuminance	Fc	41.94	82.5	1.9	22.07	43.42

Expanded Luminaire Location Summary										
LumNo	Label	X	Y	Z	Orient	Tilt	X-Aimpt	Y-Aimpt	Z-Aimpt	TCF
1	HBLED13	13.446	-0.299	1	162.504	120	11.794	0.222	2	1
2	HBLED13	5.656	-0.206	1	17.103	120	7.311	0.303	2	1
3	HBLED13	1.894	1.12	1	46.042	120	3.096	2.367	2	1
4	HBLED13	16.572	1.185	1	136.736	120	15.311	2.372	2	1
5	HBLED13	9.5	3.6	1	90	120	9.5	5.332	2	1



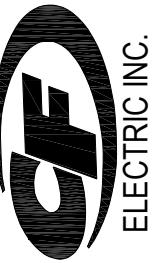
- NOTES:
- * The light loss factor (LLF) is a product of many variables, only lamp lumen depreciation (LLD) has been applied to the calculated results unless otherwise noted. The LLD is the result (quotient) of mean lumens / initial lumens per lamp manufacturers' specifications.
 - * Illumination values shown (in footcandles) are the predicted results for planes of calculation either horizontal, vertical or inclined as designated in the calculation summary. Meter orientation is normal to the plane of calculation.
 - * The calculated results of this lighting simulation represent an anticipated prediction of system performance. Actual measured results may vary from the anticipated performance and are subject to means and methods which are beyond the control of Burrus and Matthews, Inc.
 - * Mounting height determination is job site specific, our lighting simulations assume a mounting height (insertion point of the luminaire symbol) to be taken at the top of the symbol for ceiling mounted luminaires and at the bottom of the symbol for all other luminaire mounting configurations.
 - * It is the Owner's responsibility to confirm the suitability of the existing or proposed poles and bases to support the proposed fixtures, based on the weight and EPA of the proposed fixtures and the owner's site soil conditions and wind zone. It is recommended that a professional engineer licensed to practice in the state the site is located be engaged to assist in this determination.
 - * The landscape material shown hereon is conceptual, and is not intended to be an accurate representation of any particular plant, shrub, bush, or tree, as these materials are living objects, and subject to constant change. The conceptual objects shown are for illustrative purposes only. The actual illumination values measured in the field will vary.
 - * Photometric model elements such as buildings, rooms, plants, furnishings or any architectural details which impact the dispersion of light must be detailed by the customer documents for inclusion in the Burrus and Matthews, Inc. lighting design model. Burrus and Matthews, Inc. is not responsible for any inaccuracies caused by incomplete information on the part of the customer, and reserves the right to use best judgement when translating customer requests into photometric studies.
 - * RAB Lighting Inc. luminaire and product designs are protected under U.S. and International intellectual property laws. Patents issued or pending apply.



NOTES:

1. LEGS TO EXTEND 18" BELOW GROUND AND ENCASED IN CONCRETE
 2. RACK TO BE 316 STAINLESS STEEL
 3. BACK PLATE TO BE $\frac{1}{4}$ " ALUMINUM PLATE
 4. 2" CONDUIT RISER TO BE ALUMINUM
- (NONFERRUS MATERIALS USED TO PREVENT CORROSION)

DWG:	--	CITY OF JUSTIN BISHOP PARK	DRAWN BY: BT	REV.	DATE
	--				
	--				
	--				
OF:	--	MONUMENT LIGHTING PANEL RACK	DATE: 5/18/2022	REV.	DATE
	--				
	--				
	--				
REF:	--	MONUMENT LIGHTING PANEL RACK	JOB NO: --	REV.	DATE
	--				
	--				
	--				



Flag Systems
 13830 N Stemmons Frwy Ste. B
 Dallas, TX 75234
 972-607-0958
 www.TheDallasFlagStore.com

Estimate

Date	Estimate #
5/24/2022	8954

BILL TO				
Bishop Park Kira Sedivy Justin, TX 76247				
		Project		
Item	Description	Qty	Rate	Total
Continental 25x5x125 SAT	25' Exposed Height Satin Finish 27.5' Overall Length 5" Base Diameter .125" Wall Thickness 136 MPH Un-flagged Wind-speed 102 MPH Flagged Wind-speed External Rope Halyard System Standard Fittings: Gold Spun Aluminum Ball, Cast Aluminum Single Sheave Revolving Truck Assembly, Braided Nylon Halyard, Brass Flag Snaps, Cast Aluminum Cleat, Spun Aluminum Collar (Decorative Base Plate), and Corrugated Ground Sleeve Assembly.	1	2,053.26	2,053.26T
Flagpole Installation 25'	1 Year Warranty Flag Systems PRO 25' Flagpole Installation Includes: Materials, Equipment, Labor, Pole Transport, 1 Year Warranty	1	952.40	952.40
quote valid for 30 days.		Subtotal \$3,005.66		
		Sales Tax (8.25%) N/A		
		Total \$3,005.66		

Flag Systems
 13830 N Stemmons Frwy Ste. B
 Dallas, TX 75234
 972-607-0958
 www.TheDallasFlagStore.com

Estimate

Date	Estimate #
5/24/2022	8955

BILL TO		Project		
Bishop Park Kira Sedivy Justin, TX 76247				
Item	Description	Qty	Rate	Total
Continental 30x5x125 SAT	30' Exposed Height Satin Finish 33' Overall Length 5" Base Diameter .125" Wall Thickness 96 MPH Un-flagged Wind-speed 80 MPH Flagged Wind-speed External Rope Halyard System Standard Fittings: Gold Spun Aluminum Ball, Cast Aluminum Single Sheave Revolving Truck Assembly, Braided Nylon Halyard, Brass Flag Snaps, Cast Aluminum Cleat, Spun Aluminum Collar (Decorative Base Plate), and Corrugated Ground Sleeve Assembly.	1	2,427.82	2,427.82T
Flagpole Installation 30'	1 Year Warranty Flag Systems PRO 30' Flagpole Installation Includes: Materials, Equipment, Labor, Pole Transport, 1 Year Warranty	1	1,124.25	1,124.25
quote valid for 30 days.		Subtotal \$3,552.07		
		Sales Tax (8.25%) N/A		
		Total \$3,552.07		