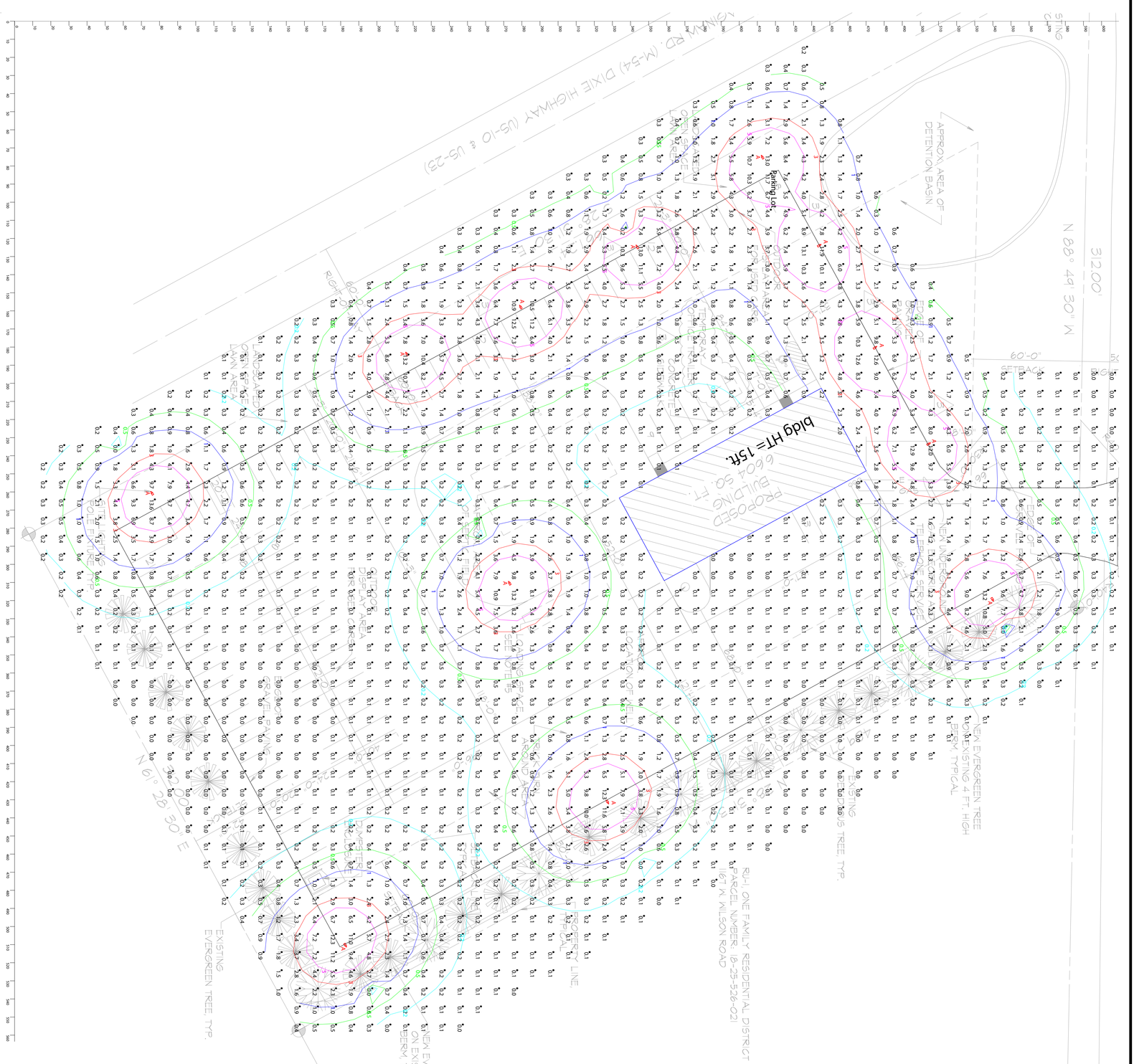
Scale: 1 inch= 30 Ft.



RAB
408 W 14th Street, New York, NY 10014
888 722-1000 • rablighting.com

Prepared For:
McDonough & Associates
8460 Ronda Drive
Canton, MI 48187-2005
Tel: 734-453-1000

Job Name:
Monster Car Lot
Clio, MI

Lighting Layout
Version A

Scale: as noted	Date:10/14/2026
Project # 4581825365	
Filename: Monster Car Lot 4581825365A.AGI	
Drawn By: AJ Zuniga	

Filename: C:\Users\aj.zuniga\Desktop\Projects\Monster Car Lot\Working Files\AGI\Monster Car Lot 4581825365A.AGI

The Lighting Analysis, EZLayout, Energy Analysis and/or Visual Simulation ("Lighting Design") provided by RAB Lighting Inc. ("RAB") represents 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.

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The location of exit signs, emergency lights, and luminaires operating in emergency mode cannot be validated as providing compliance to any code, regulation, or ordinance, including but not limited to NFPA 101 – Life Safety Code, for illumination of the means of egress. It is recommended that a registered Electrical Engineer or Architect for the locale of the project review and confirm compliance.

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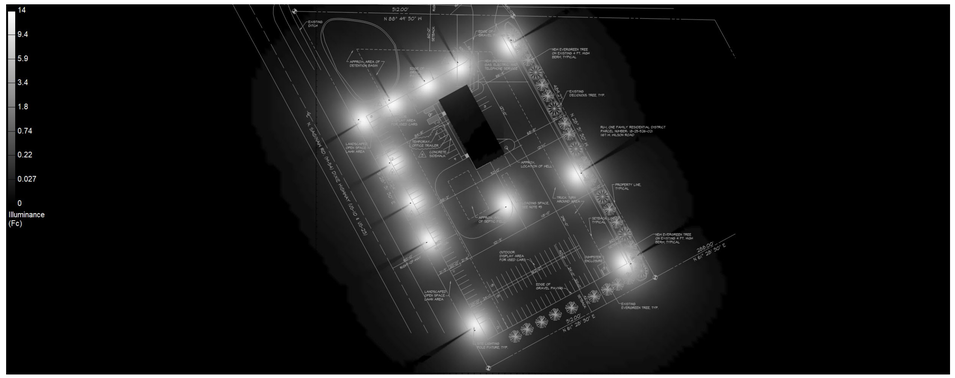
PLOT TO 22"X34"PAGE

PLOT TO 22"X34"PAGE

Calculation Summary												
Label	**CalcType**	**Units**	**Avg**	**Max**	**Min**	**Avg/Min**	**Max/Min**	**Description**	**PtSpcLr**	**PtSpcTb**	**Calc Ht.**	**Meter Type**
Site	Illuminance	Fc	1.32	13.6	0.0	N.A.	N.A.	Readings taken @0'-0" AFG	10	10	0	Horizontal
Parking Lot	Illuminance	Fc	1.31	13.2	0.0	N.A.	N.A.	Statistical Area				

Luminaire Schedule			All quotes/orders generated from this layout must be forwarded to the Local Rep Agency										
Symbol	**Qty**	**Tag**	**Label**	**Arrangement**	**Lum. Lumens**	**Arr. Lum. Lumens**	**LLF**	**Description**	**Lum. Watts**	**Arr. Watts**	**Total Watts**	**BUG Rating**	**Mounting Ht.**
	12	A	A17-4T150 @150W_4K	Single	22634	22634	1.000	Universal Pole Mount	143.918	143.918	1727.016	B4-U0-G4	20

Expanded Luminaire Location Summary						
LumNo	**Tag**	**X**	**Y**	**MTG HT**	**Orient**	**Tilt**
1	A	320.33	540.365	20	210.112	0
2	A	232.891	505.561	20	299.691	0
3	A	179.641	475.922	20	305.176	0
4	A	123.316	445.177	20	300.271	0
5	A	74.124	412.218	20	30.753	0
6	A	123.685	343.103	20	29.055	0
7	A	156.89	278.784	20	29.752	0
8	A	182.839	215.941	20	29.243	0
9	A	259.736	75.262	20	31.855	0
10	A	511.309	183.199	20	210.652	0
11	A	432.24	327.947	20	211.21	0
12	A	309.391	272.641	20	30.116	0
Total Quantity: 12						



NOTES:
* The light loss factor (LLF) is a product of many variables. RAB's standard is to use the initial 1.0 LLF in accordance with most municipal lighting ordinance light trespass requirements, unless otherwise noted.

* 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 RAB Lighting 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.

* RAB disclaims all responsibility for the suitability of existing or proposed poles and bases to support proposed fixtures. This is the owner's, installer's and/or end-user's responsibility based on the weight and effective projected area ("EPA") of the proposed fixtures and the owner's site and soil conditions, wind zone, and many other factors. A professional engineer licensed to practice in the state the site is located should 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 RAB Lighting Design. The owner/contractor/customer/end-user must provide accurate and complete construction drawings that reflect what will be the final construction RAB is not responsible for any inaccuracies caused by incomplete, inaccurate, or outdated information provided by the owner/contractor/customer/end-user.

* RAB Lighting Inc. luminaire and product designs are protected under U.S. and International intellectual property laws. Patents issued or pending may apply. Please see www.rablighting.com/ip.

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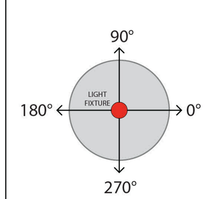
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* Refer to RAB Product Specification Sheets for specific ambient temperature ranges. Verify ambient temperature at project location is within published performance range.

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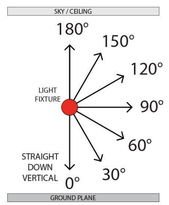
* Immediately prior to any party ordering RAB products used in the Lighting Design, the ordering party must verify that the lumen output of the fixtures being ordered (as shown on RAB's website) match the lumen output shown in the Lighting Design. Occasionally, Lighting Designs previously provided use fixtures that are then updated prior to an order and such updates could change the lumen output of the fixture. This in turn, could impact the installed lighting performance that differs from the Lighting Design.

HOW TO READ THIS DRAWING



Orientation: **PLAN** View

ORIENT = HORIZONTAL AIMING / ROTATION / DIRECTION OF FIXTURE RELATIVE TO THIS PLAN



Vertical Aiming: **SIDE** View

TILT = NUMBER OF DEGREES THE FIXTURE IS AIMED UP-FROM-STRAIGHT-DOWN

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Scale: as noted

Date:10/14/2026

Project # 4581825365

Filename: Monster Car Lot 4581825365A.AGI

Drawn By: AJ Zuniga

Job Name:
Monster Car Lot
Clio, MI

Lighting Layout
Version A

Prepared For:
McDonough & Associates
8460 Ronda Drive
Canton, MI 48187-2005
Tel: 734-453-1000

Filename: C:\Users\ajzuniga\Desktop\Projects\Monster Car Lot\Working Files\AGI\Monster Car Lot 4581825365A.AGI

RAB
408 W 14th Street, New York, NY 10014
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A17-4T150



Color: Bronze

Weight: 8.8 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	1.21A/0.97A/0.81A
208V	0.70A/0.56A/0.47A
240V	0.63A/0.51A/0.42A
277V	0.53A/0.45A/0.38A
Input Watts	98.6-149.4W

LED Info

Watts	150/120/100W
Color Temp	3000/4000/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	100,000 Hours
Lumens	15,460-22,709 lm
Efficacy	141.3-164 lm/W

Technical Specifications

Compliance

UL Listed:
Suitable for wet locations

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.

IP Rating:
Ingress protection rating of IP65 for dust and water

DLC Listed:
This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Driver:
150W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 1.21A, 208V: 0.70A, 240V: 0.63A, 277V: 0.53A
120W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.97A, 208V: 0.56A, 240V: 0.51A, 277V: 0.45A
100W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.81A, 208V: 0.47A, 240V: 0.42A, 277V: 0.38A

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:
3.01% at 120V, 5.56% at 277V

Power Factor:
99.88% at 120V, 95.4% at 277V

Surge Protection:
6 kV

Performance

Lifespan:
100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Optical

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°.

BUG Rating:
B3 U0 G3

LED Characteristics

LEDs:
Long-life, high-efficiency, surface-mount LEDs

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.

Construction

Cold Weather Starting:
The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:
Suitable for use in up to 104°F (40°C)

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Technical Specifications (continued)

Lens:
Polycarbonate lens

Housing:
Die-cast aluminum housing, lens frame and mounting arm

Vibration Rating:
3G vibration rating per ANSI C136.31

Effective Projected Area (EPA) (Without Shield):
1 Fixture: 0.60 ft^2
2 Fixtures at 90°: 0.86 ft^2
2 Fixtures at 180°: 1.21 ft^2
3 Fixtures at 90°: 1.47 ft^2
4 Fixtures at 90°: 1.47 ft^2

Effective Projected Area (EPA) (With Shield):
1 Fixture: 0.64 ft^2
2 Fixtures at 90°: 1.14 ft^2
2 Fixtures at 180°: 1.28 ft^2
3 Fixtures at 90°: 1.8 ft^2
4 Fixtures at 90°: 1.8 ft^2

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Installation

Mounting:
Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole adapter 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.

Other

5-Year Limited Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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Ordering Matrix

Family		Distribution	Wattage/Lumens	Mounting	Color Temp	Finish	Driver	Options
A17	–	4T	150					
		3T = Type III **5T =** Type V **4T =** Type IV	**200 =** 200/180/160W **480 =** 480/400/320W **375 =** 375/300/240W **300 =** 300/240/200W **150 =** 150/120/100W **100 =** 100/80/60W **70 =** 70/60/50W	**SF =** Slipfitter (Factory installed SF available in 150W) [1] **Blank =** Universal Pole Mount	**Blank =** 3000/4000/5000K CCT Adjustable	**Blank =** Bronze	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming	**/LCBS/MVS =** Lightcloud Blue w/MVS Sensor **/LCBS =** Lightcloud Blue w/PIR Sensor **/MVS =** Microwave Motion Sensor **/7PRS =** 7-pin Receptacle and Shorting Cap **/3PRS =** 3-pin Receptacle and Shorting Cap **Blank =** No Option

[1] *1Slipfitter Mount available on 150W only*

Type II distribution available as special order.

Wall mount and roadway arm mount available as optional accessories.

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PS4-11-20D2



Square steel poles drilled for 2 Area Lights at 180°. Designed for ground mounting. Poles are stocked nationwide for quick shipment. Protective packaging ensures poles arrive at the job site good as new.

Color: Bronze

Weight: 136.7 lbs

Project:	Type:
Prepared By:	Date:

Technical Specifications

Compliance

CSA Listed:
Suitable for wet locations

Construction

Shaft:
46,000 p.s.i. minimum yield.

Hand Holes:
Reinforced with grounding lug and removable cover

Base Plates:
Slotted base plates 36,000 p.s.i.

Shipping Protection:
All poles are shipped in individual corrugated cartons to prevent finish damage

Color:
Bronze powder coating

Height:
20 ft

Weight:
137 lbs

Gauge:
11

Wall Thickness:
1/8"

Shaft Size:
4"

Hand Hole Dimensions:
3" x 5"

Bolt Circle:
8 1/2"

Base Dimension:
8"

Anchor Bolt:
Anchor bolt kits are sold separately. Order ABK4-11-BCK-S4 for anchor bolt kits.

Anchor Bolt Templates:
WARNING Template must be printed on 11" x 17" sheet for actual size. CHECK SCALE BEFORE USING. Templates shipped with anchor bolts and available online.

Max EPA's/Max Weights:
70MPH 10.7 ft/360 lb.
80MPH 7.0 ft/350 lb.
90MPH 4.3 ft/350 lb.
100MPH 2.5 ft/350 lb.
110MPH 1.1 ft/350 lb.
120MPH 0.1 ft/340lb

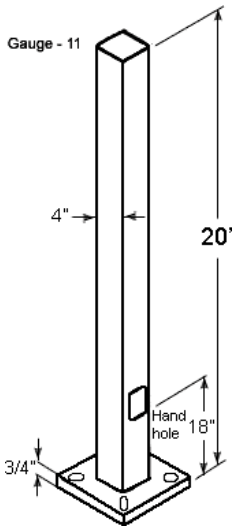
Other

Terms of Sale:
Pole Terms of Sale is available online.

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PS4-11-20D2

Dimensions



Features

- Designed for ground mounting
- Heavy duty TGIC polyester coating
- Reinforced hand holes with grounding lug and removable cover for easy wiring access
- Pole caps, base covers & bolts are sold separately
- Custom manufactured for each application

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