

TO: Honorable Mayor and City Council

FROM: City Administrator Ron Johnson

SUBJECT: Conditional Use Permit (CUP) for Spartan Nash (Family Fare/Econofoods)

DATE: February 17, 2017

BACKGROUND

Spartan Nash (Family Fare- formerly Econofoods) applied for a Conditional Use Permit (“CUP”) to allow an accessory use drive-through pharmacy in the B-1 (Central Business District) at 425 Main St West as regulated by Section 152.628 (A) of the Zoning Ordinance.

The Planning Commission, on November 14, 2016, recommended approval of the CUP. City Council, at its November 15, 2016 regular meeting, tabled the resolution approving the CUP to receive additional information regarding parking, traffic flow and the impact on surrounding business. City staff, including City Engineer Greg Anderson, met to further review the proposed design including a review of parking and traffic flow. Proposed revisions were made regarding on-site signage, parking and defining traffic flow by replacing painted stripes with curb and gutter. Spartan Nash agreed to the modifications and prepared the attached revised design.

They have addressed the 6 conditions spelled out in Section 152.628 (A). They will be providing more information on item 6, Photometrics and that will be forwarded when received. Item 6 refers to City Code Section 152.187 Exterior Lighting. That Section is attached for reference and will be used to determine compliance of item 6.

In addition to the on-site signage needed, Spartan Nash has agreed to be responsible for the purchase and installation of necessary related signage in public right-of-way.

REQUESTED COUNCIL ACTION

Approve a motion adopting the Resolution Approving the Conditional Use Permit for Spartan Nash allowing an accessory use drive-through pharmacy in the B-1 (Central Business District).

Attachment(s): Resolution; Site Plan; List of 6 conditions for CUP and Section 152.187; Letters addressing 6 conditions and traffic information; Overhead photo

**CITY OF CANNON FALLS
GOODHUE COUNTY, MINNESOTA**

RESOLUTION NUMBER

CONDITIONAL USE PERMIT FOR SPARTAN NASH (ECONOFOODS/FAMILY FARE)

WHEREAS, Spartan Nash has made application for a Conditional Use Permit ("CUP") to allow a drive-through accessory use pharmacy in the B-1 (Central Business District) at 425 Main St West as regulated by Section 152.628 (A) of the Zoning Ordinance; and

WHEREAS, the Planning Commission conducted a public hearing on November 14, 2016 to accept testimony relating to the application; and

WHEREAS, the Planning Commission finds that: (a) the proposed drive-through is not expected to adversely impact the general welfare, public health or safety of the neighborhood; (b) the proposed land use is in harmony with the general purpose and intent of the Zoning Code, is consistent with the Comprehensive Plan and will not alter the essential character of the locality or neighborhood; (c) the drive-through will be constructed to comply with applicable performance standards and the Building Code; and

WHEREAS, based upon the aforementioned findings the Cannon Falls Planning Commission recommended to the Cannon Falls City Council that the application for the CUP be approved; and

WHEREAS, the City Council, on November 15, 2016 tabled action on the Resolution approving the Conditional Use Permit to receive additional information regarding parking, traffic flow and impact on surrounding business; and

WHEREAS, Spartan Nash has made revisions to the plan accordingly after discussing stated concerns with city staff;

NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF CANNON FALLS, MINNESOTA that based upon these findings the Conditional Use Permit is approved.

Adopted this 21st day of February, 2017.

BY: _____
Lyman M. Robinson, Mayor

ATTEST: _____
Ronald S. Johnson, City Administrator

February 15, 2017

RE: "Conditional Use Permit"
Econofoods Pharmacy Drive-Thru
Cannon Falls, MN

Mayor Robby Robinson and Members of the City Council
c/o City Administrator Ron Johnson
918 River Road
Cannon Falls, MN 55009

Dear Mayor Robinson and City Council Members:

The intention of this letter is to address the six (6) items required in 152.628(A) for our proposed pharmacy drive-thru at the Econofoods located at 425 Main Street West in Cannon Falls.

- (1) Our plan proposes a single service lane greater than the required 120 feet of segregated automobile stacking. It is approximately 150 feet in length.
- (2) Our plan shows a 4' sidewalk and angled parking for employees that separates the building and the service lane. The service lane will have no negative impact on traffic circulation. There is enough space for four (4) vehicles to be in line without interference with the employee parking stalls.
- (3) Our plan shows that public streets are not being used for stacking of automobiles.
- (4) The location of the drive-thru window is on the north side or front of the building. There will not be any issues of glaring on adjacent premises.
- (5) Not applicable to this project.
- (6) We have completed a photometrics plan in the parking areas affected by the service lane. There will be two light poles in the center of the parking lot. The height of the pole and concrete base combined will not exceed 25' above the parking lot surface.

Sincerely,

A handwritten signature in cursive script that reads "Mick Ankeny".

Mick Ankeny
Ankeny Builders, Inc.



February 15, 2017

Mr. Ron Johnson
City Administrator
City of Cannon Falls
918 River Road
Cannon Falls, MN 55009

Re: Econofoods # 3348
Pharmacy Drive Through
Conditional Use Permit

Dear Ron:

Pursuant to your request to identify the anticipated daily traffic at the proposed pharmacy drive through, SpartanNash is supplying the following:

SpartanNash anticipates within 1 year of opening, the pharmacy drive through will serve, on average, 30 vehicles per day between Monday and Saturday.

SpartanNash anticipates within 2 years of opening, the pharmacy drive through will serve, on average, 35 vehicles per day between Monday and Saturday.

The 16% increase in vehicles by the end of year 2 represents a 3% increase in the number of prescriptions filled and a 13% increase in the number of customers who choose to use the drive through versus going to the in store counter.

The net impact to vehicle traffic at the site resulting from the addition of the pharmacy drive through will be an average of 1.05 vehicles per day between Monday and Saturday by the end of the second year of operation.

We hope this information is sufficient for your analysis.

We look forward to continuing to serve the Cannon Falls community with the convenience of a drive up pharmacy counter.

Very truly yours,

A handwritten signature in black ink, appearing to read "James Saboe".

James Saboe
Project Manager

Minneapolis Office:
7600 France Avenue South
PO Box 355
Minneapolis, MN 55435
(952) 832-0534
SpartanNash.com

(E) Signs as regulated by §§ 152.350 through 152.359 of this chapter.
(Prior Code, § 11-60-3) (Ord. 258, passed 5-4-2006)

§ 152.628 CONDITIONAL USES.

Subject to applicable provisions of this chapter, the following are conditional uses in the B-1 District and require a conditional use permit based upon procedures set forth in and regulated by §§ 152.070 through 152.074 of this chapter:

(A) Accessory drive-through facilities provided that:

(1) Not less than 120 feet of segregated automobile stacking shall be provided for the single service lane. Where multiple service lanes are provided, the minimum automobile stacking may be reduced to 60 feet per lane;

(2) The stacking lane and its access shall be designated to control traffic in a manner to protect the buildings and will not interfere with on-site traffic circulation or access to the required parking space;

(3) No part of the public street or boulevard may be used for stacking of automobiles;

(4) The stacking lane, order board telecom and window placement shall be designed and located in a manner as to minimize glare to adjacent premises, particularly residential premises and to maximize maneuverability of vehicles on the site;

(5) The drive-through window and its stacking lanes shall be screened from view of adjoining residential zoning districts and public street rights-of-way; and

(6) A lighting and photometric plan will be required that illustrates the drive-through service lane lighting and shall comply with § 152.187 of this chapter.

(B) Essential service involving transmission pipelines and transmission or substation lines in excess of 35kV and up to 100kV, as regulated by §§ 152.385 through 152.389 of this chapter;

(C) Residential and nonresidential uses within one structure, provided that:

(1) Residential and nonresidential uses shall not be contained on the same floor and no residential use shall be located on the first floor; and

(2) Residential and nonresidential uses shall have separate entrances and exits.

(D) Accessory outdoor dining facilities with more than 16 seats provided that:

(1) The applicant submit a site plan and other pertinent information demonstrating the location and type of tables, refuse receptacles and wait stations;

three feet, measured from where both street or driveway centerlines intersect within the triangle described as beginning at the intersection of the projected curb line of two intersecting streets or drives, thence 30 feet along one curb line, thence diagonally to a point 30 feet from the point of beginning along the other curb line. The exception to this requirement shall be where there is a tree, planting or landscape arrangement within the area that will not create a total obstruction wider than three feet. These requirements shall not apply to conditions of this chapter that legally exist prior to the effective date of this chapter, unless the City Council determines that the conditions constitute a safety hazard. (Prior Code, § 11-16-7) (Ord. 258, passed 5-4-2006)

§ 152.187 EXTERIOR LIGHTING.

(A) *Purpose.* It is the purpose of this section to encourage the use of lighting systems that will reduce light pollution and promote energy conservation while increasing night-time safety, utility, security and productivity.

(B) *Exemptions.* The provisions of this section shall not apply to the following:

- (1) Temporary outdoor lighting used during customary holiday seasons;
- (2) Temporary outdoor lighting used for civic celebrations and promotions;
- (3) Lighting required by a government agency for the safe operation of airplanes or security lighting required on government buildings or structures;
- (4) Emergency lighting by police, fire and rescue authorities;
- (5) Architectural/historical light fixtures and street lights that feature globes that are not shielded. In no case shall the light affect adjacent property in excess of the maximum intensity defined in division (C)(1) below of this chapter; and
- (6) All outdoor lighting fixtures existing and legally installed prior to the effective date of this chapter are exempt from regulations of this section but shall comply with the following standards:

(a) *Glare.* Any lighting used to illuminate an off-street parking area, sign or other structure, shall be arranged as to deflect light away from any adjoining residential zone or from the public streets. Direct or sky-reflected glare, where from flood lights or from high temperature processes such as combustion or welding shall not be directed into any adjoining property. The source of lights shall be hooded or controlled in some manner so as not to light adjacent property. Bare incandescent light bulbs shall not be permitted in view of adjacent property or public right-of-way. Any light or combination of lights which cast light on a public street shall not exceed one foot candle (meter reading) as measured from the centerline of the street. Any light or combination of lights which cast light on residential property shall not exceed four-tenths foot candles (meter reading) as measured from the property.

(b) *Replacement.* Whenever a light fixture that was existing on the effective date of this chapter is replaced by a new outdoor light fixture, the provisions of this section shall be complied with.

(C) *Performance standards.*

(1) *Limitation.* No light source or combination thereof which cast light on a public street shall exceed one foot candle meter reading as measured from the centerline of the street nor shall any light source or combination thereof which cast light on adjacent property exceed four-tenths foot candles as measured at the property line.

(2) *Measurement.* The foot candle level of a light source shall be taken after dark with the light meter held six inches above the ground with the meter facing the light source. A reading shall be taken with the light source on, then with the light source off. The difference between the two readings will be identified as the light intensity.

(3) *Residential district standards.* In all residential districts, any lighting used to illuminate an off-street parking area, structure or area shall be arranged as to deflect light away from any adjoining residential property or from any public right-of-way in accordance with the following provisions.

(a) The light source shall be hooded or controlled so as not to light adjacent property in excess of the maximum intensity defined in division (C)(1) above of this chapter.

(b) Bare light bulbs shall not be permitted in view of adjacent property or public right-of-way, unless part of a permanent fixture.

(4) *Commercial, industrial and institutional districts.* Any lighting used to illuminate an off-street parking area, structure or area shall be arranged so as to deflect light away from any adjoining property or from any public right-of-way in accordance with the following provisions.

(a) *Shielding.* The light fixture shall contain a cutoff which directs the light at an angle of 90 degrees or less. Exposure of the light source shall not be permitted in view of adjacent property or public right-of-way.

(b) *Lighting of entire facades or architectural features.* Lighting of entire facades or architectural features of a building shall be approved by the City Council. Building facades or architectural features may not be internally illuminated and shall only utilize illuminating devices mounted on top and facing downward onto the structure. In no case shall the light affect adjacent property in excess of the maximum intensity defined in division (C)(1) above of this chapter.

(c) *Intensity.* Light sources shall not be permitted so as to light adjacent property in excess of the maximum intensity defined in division (C)(1) above of this chapter.

(5) *Height.* The maximum height above the ground grade permitted for poles, fixtures and light sources mounted on a pole is 25 feet. A light source mounted on a building shall not exceed the

height of the building. Exceptions to the height limits for light sources may be approved by conditional use permit provided that all other requirements of this section are complied with.

(6) *Location.*

(a) All non-public outdoor light fixtures shall be set back a minimum of ten feet from a street right-of-way and five feet from an interior side or rear lot line.

(b) No light sources shall be located on the roof unless the light enhances the architectural features of the building and is approved by the City Council.

(7) *Glare.* Direct or reflected glare from high temperature processes such as combustion or welding shall not be visible from any adjoining property.

(8) *Outdoor recreation.* Outdoor recreational uses such as, but not limited to, baseball fields, football fields and tennis courts have special requirements for night-time lighting. Due to these unique circumstances, a conditional use permit shall be required for outdoor lighting systems for those uses that do not comply with regulations of this section, provided that:

(a) No public or private outdoor recreation facility shall be illuminated after 11:00 p.m., except for required security lighting;

(b) Off-street parking areas for outdoor recreation uses that are illuminated shall meet the requirements for commercial, industrial and institutional applications as found in division (C)(4) above of this chapter; and

(c) The provisions of § 152.072 of this chapter are considered and satisfactorily met.

(9) *Outdoor signs.*

(a) Outdoor signs constructed of translucent materials and wholly illuminated from within do not require shielding.

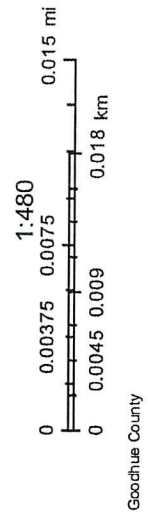
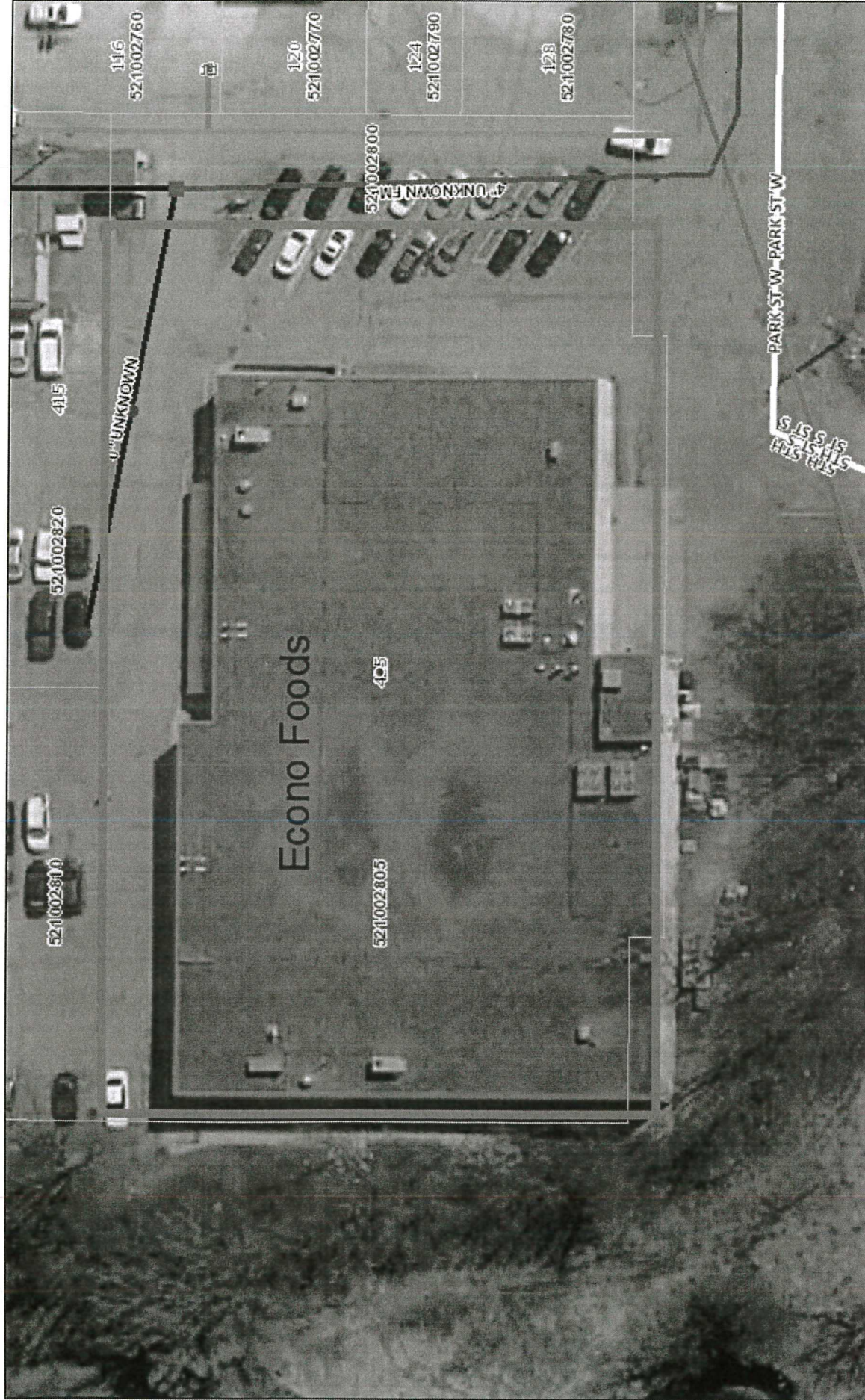
(b) All shall comply with all other provisions of this chapter.
(Prior Code, § 11-16-8) (Ord. 258, passed 5-4-2006)

§ 152.188 SMOKE.

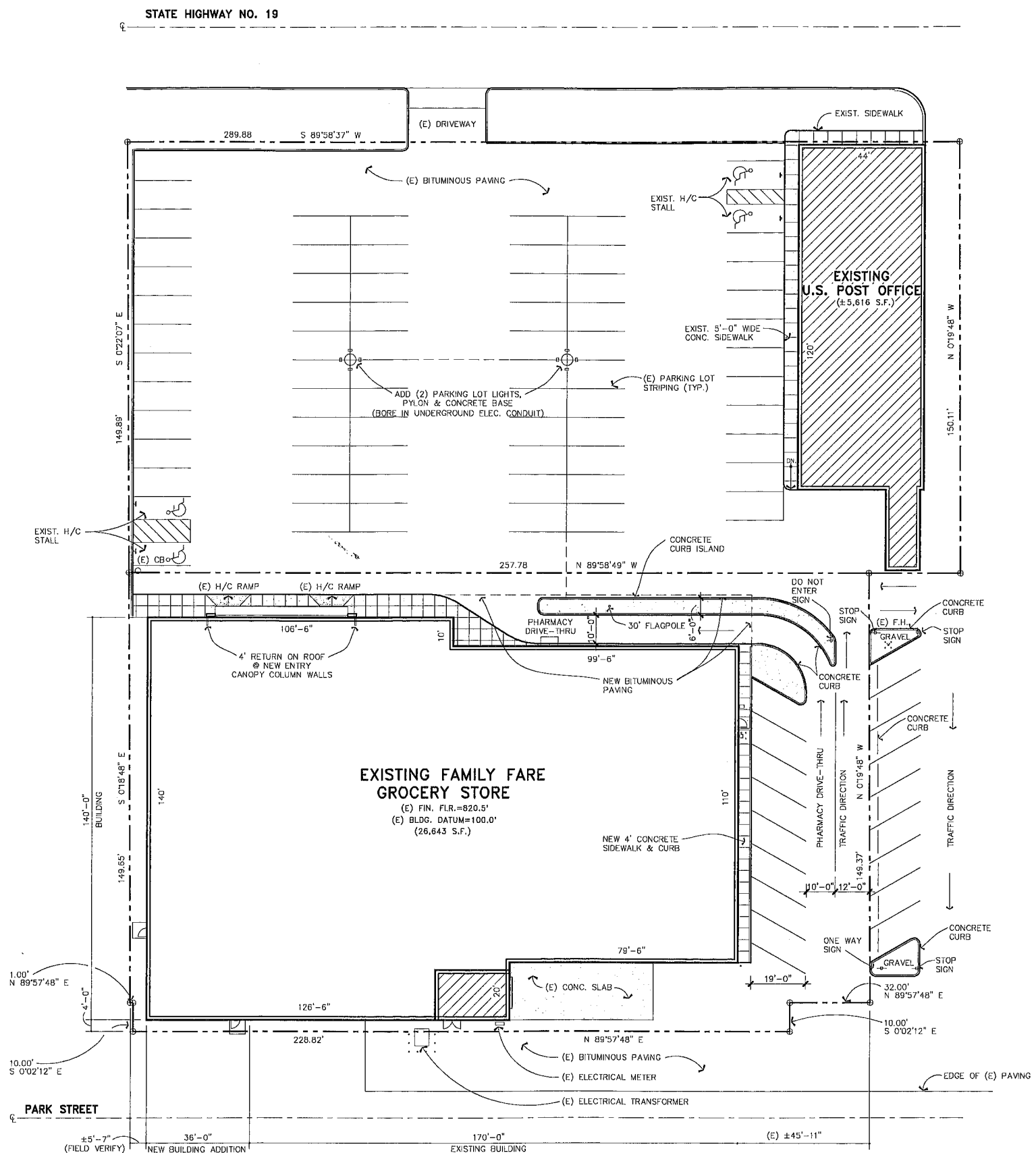
The emission of smoke by any use shall be in compliance with and regulated by the State Pollution Control Standards, Minn. Regulations APC 7017 and similar regulations as may be amended from time to time.

(Prior Code, § 11-16-9) (Ord. 258, passed 5-4-2006)

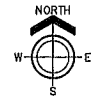
ArcGIS WebMap



October 27, 2016
House Number
PIN
Roads 9.600
Township or Other Roads



1 SITE PLAN
AB 1"=20'-0"



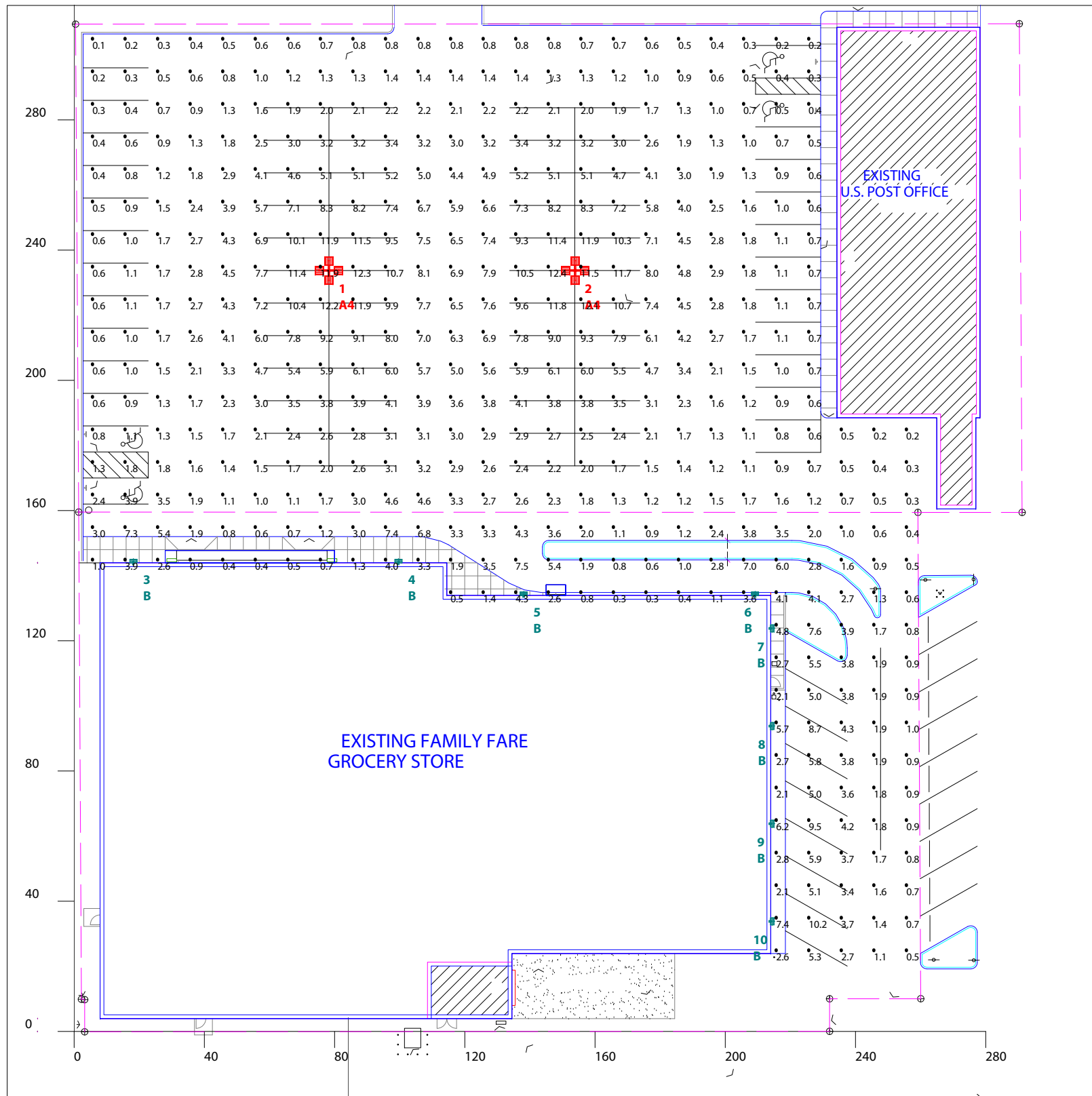
I hereby certify this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of MINNESOTA

RONALD W. ANKENY
Date: 9/28/16 Reg. No: 10811

Orig. Issue Date: 9/28/16
Revisions:

FAMILY FARE
425 MAIN STREET WEST
CANNON FALLS, MN 55009
STORE #3348

SITE PLAN
Project Number: 2060100 Drawn By: JMA Checked By: RWA



Scale: 1 inch= 40 Ft.



Prepared For:
Rouzer Group
2738 Winnetka Ave No
New Hope, MN 55427

Job Name:
Family Fair

Lighting Layout
Version A

Filename: E:\Pre-Game\Family Fair 00080836A.AGI

Scale: as noted

Date: 2/16/2017

CASE # : 00080836



Filename: Family Fair 00080836A.AGI

Drawn By: MChavarria

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.

Calculation Summary											
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description	PtSpclr	PtSpctb	Meter Type
Site	Illuminance	Fc	3.18	12.4	0.1	31.80	124.00	Readings taken at 0'-0" afg	10	10	Horizontal

Luminaire Schedule												
Symbol	Qty	Tag	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Description	Lum. Watts	Arr. Watts	Total Watts	Filename
	2	A4	ALED4T150 X4@90°	4 @ 90 DEGREES	14349	57396	1.000	POLE MOUNT (TYPE IV)	155.7	622.8	1245.6	ALED4T150 - Cool - ITL79629.IES
	8	B	WPLED52	SINGLE	5655	5655	1.000	WALLPACK	54.8	54.8	438.4	WPLED52 - Cool - ITL82655.IES

Expanded Luminaire Location Summary						
LumNo	Tag	X	Y	MTG HT	Orient	Tilt
1	A4	78.238	232.238	25	270	0
1	A4	79.738	233.738	25	360	0
1	A4	78.238	235.238	25	90	0
1	A4	76.738	233.738	25	180	0
2	A4	153.857	232.238	25	270	0
2	A4	155.357	233.738	25	360	0
2	A4	153.857	235.238	25	90	0
2	A4	152.357	233.738	25	180	0
3	B	18.178	144.753	15	90	0
4	B	99.597	144.753	15	90	0
5	B	138.091	134.7	15	90	0
6	B	209.146	134.7	15	90	0
7	B	214.73	123.809	15	0	0
8	B	214.73	93.809	14	0	0
9	B	214.73	63.809	13	0	0
10	B	214.73	33.809	12	0	0
Total Quantity: 16						

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 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 Lighting Inc. luminaire and product designs are protected under U.S. and International intellectual property laws. Patents issued or pending apply.



Prepared For:
Rouzer Group
2738 Winnetka Ave No
New Hope, MN 55427

Job Name:
Family Fair

Lighting Layout
Version A

Filename: E:\Pre-Game\Family Fair 00080836A.AGI

Scale: as noted

Date: 2/16/2017 CASE # : 00080836

Filename: Family Fair 00080836A.AGI

Drawn By: MChavarria

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.



Specification grade area lights available with IES Type IV distribution. Suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. Patent pending management system. 5 Year Warranty.

Color: Bronze

Weight: 32.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 1.31A
 208V: 0.80A
 240V: 0.69A
 277V: 0.60A
 Input Watts: 155W
 Efficiency: 96%

LED Info

Watts: 150W
 Color Temp: 5000K
 Color Accuracy: 65 CRI
 L70 Lifespan: 100000
 Lumens: 14,349
 Efficacy: 92 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have been received the Department of Energy "Lighting Facts" label.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
 DLC Product Code: P0000175F

LED Characteristics

Lifespan:

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

LEDs:

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

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 CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

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°.

Effective Projected Area:

EPA = 0.75

Maximum Ambient Temperature:

Suitable for use in 104°F (40°C) ambient temperatures

Cold Weather Starting:

The minimum starting temperature is -40°C/-40°F

Thermal Management:

Superior thermal management with external Air-Flow fins.

Housing:

Die-cast aluminum housing, lens frame and mounting arm.

Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

IP Rating:

Ingress Protection rating of IP66 for dust and water

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High-temperature silicone gaskets

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Electrical

Drivers:

Two Drivers, Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, Power Factor 99%

THD:

4.7% at 120V, 13.3% at 277V

Surge Protection:

4kV

Other

California Title 24:

See ALED4T150/D10, ALED4T150/BL, ALED4T150/PCS, ALED4T150/PCS2, or ALED4T150/PCT for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

Technical Specifications (continued)

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.

Optical

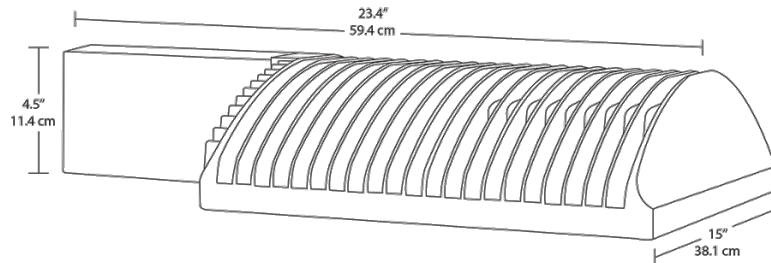
BUG Rating:

B1 U0 G3

Replacement:

Replaces 400W Metal Halide.

Dimensions



Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- Type IV distribution
- 5-year warranty

Ordering Matrix

Family	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Photocell	Dimming	Bi-Level
ALED									
	2T = Type II	360 =	Blank =	Blank = 5000K	Blank =	Blank = 120-277V	Blank = No Photocell	Blank = No	Blank = No Bi-
	3T = Type III	360W	Arm	(Cool)	Bronze	/480 = 480V (Only 360W &	/PC = 120V Button	Dimming	Level
	4T = Type IV	260 =	SF =	Y = 3000K	W = White	260W)	/PC2 = 277V Button	/D10 = Dimmable	/BL = Bi-Level
		260W	Slipfitter	(Warm)	RG = Gray		/PCS = 120V Swivel		
		150 =		N = 4000K			/PCS2 = 277V Swivel		
		150W		(Neutral)			/PCT = 120-277V		
		125 =					Twistlock		
		125W					/PCS4 = 480V Swivel		
		105 =					/PCT4 = 480V		
		105W					Twistlock		
		78 = 78W							



LED 52W Wallpacks. 3 cutoff options. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

Color: Bronze

Weight: 17.6 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	52W
120V:	0.51A	Color Temp:	5000K
208V:	0.33A	Color Accuracy:	65 CRI
240V:	0.29A	L70 Lifespan:	100000
277V:	0.24A	Lumens:	5,896
Input Watts:	61W	Efficacy:	97 LPW
Efficiency:	86%		

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: P0000173W

Optical

Lifespan:

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

BUG Rating:

B0 U2 G3

Replacement:

Replaces 250W HID.

LED Characteristics

LEDs:

Two (2) multi-chip, high-output, long-life LEDs.

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 CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

Electrical

Drivers:

Two drivers, constant current, 720mA, Class 2, 100 - 277V, 50 - 60 Hz, 100 - 277VAC .8 Amps.

THD:

8.3% at 120V, 11% at 277V

Surge Protection:

6kV

Construction

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Cold Weather Starting:

The minimum starting temperature is -40°C/-40°F

Thermal Management:

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

Housing:

Precision die cast aluminum housing, lens frame.

Mounting:

Die-cast aluminum wall bracket with (5) 1/2" conduit openings with plugs. Two-piece bracket with tether for ease of installation and wiring.

Arm:

Die-cast aluminum with wiring access plate.

Cutoff:

Standard (15°)

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High temperature silicone.

Lens:

Tempered glass

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Other

California Title 24:

See WPLED52/BL for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

Technical Specifications (continued)

Other

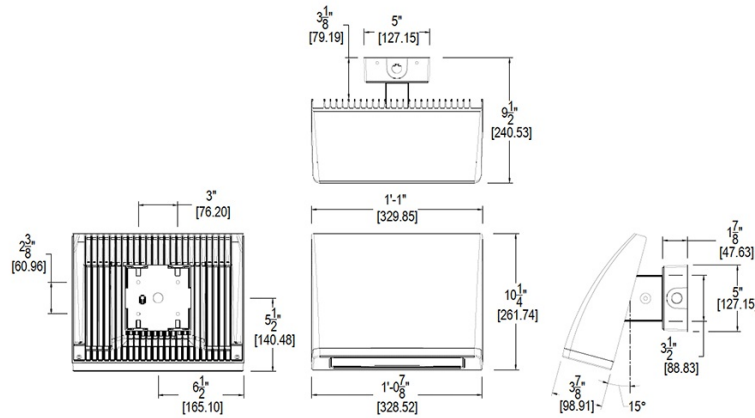
Warranty:

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.

Patents:

The WPLED design is protected by patents in the U.S. Pat D653,377, Canada Pat. 142252, China Pat. ZL201130356930.8, and Mexico Pat. 36921 and pending patent in TW.

Dimensions



Features

- High performance LED light engine
- Maintains 70% of initial lumens at 100,000 hours
- Weatherproof high temperature silicone gaskets
- Superior heat sinking with die cast aluminum housing and external fins
- Replaces 250W MH
- Traditional wallpack look from the front
- 3 cutoff options
- 5-year warranty

Ordering Matrix

Family	Cutoff	Watts	Color Temp	Finish	Voltage	Photocell	Bi-Level	Dimming
WPLED								
	Blank = Standard (15°) C = Cutoff (7.5°) FC = Full Cutoff (0°)	52 = 52W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Bronze W = White	Blank = 120-277V /480 = 480V	Blank = Photocell /PCS = 120V Swivel /PCS2 = 277V Swivel /PCS4 = 480V Swivel	Blank = No Bi-Level /BL = Bi-Level (Only 120-277V)	Blank = No Dimming /D10 = Dimmable (Only 120-277V)