

URBAN DESIGN COMMISSION APPLICATION

UDC

City of Madison
Planning Division
Madison Municipal Building, Suite 017
215 Martin Luther King, Jr. Blvd.
P.O. Box 2985
Madison, WI 53701-2985
(608) 266-4635



FOR OFFICE USE ONLY:

Paid _____ Receipt # _____

Date received _____

Received by _____

Aldermanic District _____

Zoning District _____

Urban Design District _____

Submission reviewed by _____

Legistar # _____

Complete all sections of this application, including the desired meeting date and the action requested.

If you need an interpreter, translator, materials in alternate formats or other accommodations to access these forms, please call the phone number above immediately.

1. Project Information

Address: _____

Title: _____

2. Application Type (check all that apply) and Requested Date

UDC meeting date requested _____

- New development Alteration to an existing or previously-approved development
 Informational Initial approval Final approval

3. Project Type

- Project in an Urban Design District
 Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
 Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
 Planned Development (PD)
 General Development Plan (GDP)
 Specific Implementation Plan (SIP)
 Planned Multi-Use Site or Residential Building Complex

Signage

- Comprehensive Design Review (CDR)
 Signage Variance (i.e. modification of signage height, area, and setback)

Other

- Please specify _____

4. Applicant, Agent, and Property Owner Information

Applicant name _____ Company _____

Street address _____ City/State/Zip _____

Telephone _____ Email _____

Project contact person _____ Company _____

Street address _____ City/State/Zip _____

Telephone _____ Email _____

Property owner (if not applicant) _____

Street address _____ City/State/Zip _____

Telephone _____ Email _____

5. Required Submittal Materials

- Application Form**
- Letter of Intent**
 - If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required
 - For signage applications, a summary of how the proposed signage is consistent with the applicable CDR or Signage Variance review criteria is required.
- Development plans** (Refer to checklist on Page 4 for plan details)
- Filing fee** **NONE REQUIRED**
- Electronic Submittal***

Each submittal must include fourteen (14) 11" x 17" **collated** paper copies. Landscape and Lighting plans (if required) must be **full-sized and legible**. Please refrain from using plastic covers or spiral binding.

Both the paper copies and electronic copies must be submitted prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. A completed application form is required for each UDC appearance.

For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (initial or final approval) from the UDC. All plans must be legible when reduced.

**Electronic copies of all items submitted in hard copy are required. Individual PDF files of each item submitted should be compiled on a CD or flash drive, or submitted via email to udcapplications@cityofmadison.com. The email must include the project address, project name, and applicant name. Electronic submittals via file hosting services (such as Dropbox.com) are not allowed. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.*

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with _____ on _____.
2. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of applicant _____ Relationship to property _____

Authorizing signature of property owner  Date _____

7. Application Filing Fees

Fees are required to be paid with the first application for either initial or final approval of a project, unless the project is part of the combined application process involving the Urban Design Commission in conjunction with Plan Commission and/or Common Council consideration. Make checks payable to City Treasurer. Credit cards may be used for application fees of less than \$1,000. **NONE REQUIRED**

Please consult the schedule below for the appropriate fee for your request:

- Urban Design Districts: \$350 (per §35.24(6) MGO).
- Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : \$150 (per §33.24(6)(b) MGO)
- Comprehensive Design Review: \$500 (per §31.041(3)(d)(1)(a) MGO)
- Minor Alteration to a Comprehensive Sign Plan: \$100 (per §31.041(3)(d)(1)(c) MGO)
- All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for signage variances (i.e. modifications of signage height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)

A filing fee is not required for the following project applications if part of the combined application process involving both Urban Design Commission and Plan Commission:

- Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
- Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
- Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Residential Building Complex

Introduction

The City of Madison's Urban Design Commission (UDC) has been created to:

- Encourage and promote high quality in the design of new buildings, developments, remodeling, and additions so as to maintain and improve the established standards of property values within the City.
- Foster civic pride in the beauty and nobler assets of the City, and in all other ways possible assure a functionally efficient and visually attractive City in the future.

Types of Approvals

There are three types of requests considered by the UDC:

- Informational Presentation. Applicants may, at their discretion, request to make an Informational Presentation to the UDC prior to seeking any approvals to obtain early feedback and direction before undertaking detailed design. Applicants should provide details on the context of the site, design concept, site and building plans, and other relevant information to help the UDC understand the proposal and provide feedback. (Does not apply to CDR's or Signage Variance requests)
- Initial Approval. Applicants may, at their discretion, request initial approval of a proposal by presenting preliminary design information. As part of their review, the Commission will provide feedback on the design information that should be addressed at Final Approval stage.
- Final Approval. Applicants may request Final Approval of a proposal by presenting all final project details. Recommendations or concerns expressed by the UDC in the initial approval must be addressed at this time.

Presentations to the Commission

Primarily, the UDC is interested in the appearance and design quality of projects. Emphasis should be given to the site plan, landscape plan, lighting plan, building elevations, exterior building materials, color scheme, and graphics.

When presenting projects to the UDC, applicants must fill out a registration slip provided in the meeting room and present it to the Secretary. Presentations should generally be limited to 5 minutes or as extended by motion by consent of the Commission. The Commission will withhold questions until the end of the presentation.

Applicants are encouraged to consider the use of various graphic presentation material including a locator map, photographs, renderings/model, scale drawings of the proposal in context with adjacent buildings/uses/signs, etc., as may be deemed appropriate to describe the project and its surroundings. Graphics should be mounted on rigid boards so that they may be easily displayed. **Applicants/presenters are responsible for all presentation materials, AV equipment and easels.**

URBAN DESIGN DEVELOPMENT PLANS CHECKLIST

The items listed below are minimal application requirements for the type of approval indicated. Please note that the UDC and/or staff may require additional information in order to have a complete understanding of the project.

1. Informational Presentation

- Locator Map
- Letter of Intent (If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- Site Plan
- Two-dimensional (2D) images of proposed buildings or structures.

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

Requirements for All Plan Sheets

1. Title block
2. Sheet number
3. North arrow
4. Scale, both written and graphic
5. Date
6. Fully dimensioned plans, scaled at 1"= 40' or larger

*** All plans must be legible, including the full-sized landscape and lighting plans (if required)*

2. Initial Approval

- Locator Map
- Letter of Intent (If the project is within a Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- Site Plan showing location of existing and proposed buildings, walks, drives, bike lanes, bike parking, and existing trees over 18" diameter
- Landscape Plan and Plant List (*must be legible*)
- Building Elevations in both black & white and color for all building sides (include material callouts)
- PD text and Letter of Intent (if applicable)

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

3. Final Approval

All the requirements of the Initial Approval (see above), **plus:**

- Grading Plan
- Proposed Signage (if applicable)
- Lighting Plan, including fixture cut sheets and photometrics plan (*must be legible*)
- Utility/HVAC equipment location and screening details (with a rooftop plan if roof-mounted)
- PD text and Letter of Intent (if applicable)
- Samples of the exterior building materials (presented at the UDC meeting)

4. Comprehensive Design Review (CDR) and Variance Requests (*Signage applications only*)

- Locator Map
- Letter of Intent (a summary of how the proposed signage is consistent with the CDR or Signage Variance criteria is required)
- Contextual site information, including photographs of existing signage both on site and within proximity to the project site
- Site Plan showing the location of existing signage and proposed signage, dimensioned signage setbacks, sidewalks, driveways, and right-of-ways
- Proposed signage graphics (fully dimensioned, scaled drawings, including materials and colors, and night view)
- Perspective renderings (emphasis on pedestrian/automobile scale viewsheds)
- Illustration of the proposed signage that meets Ch. 31, MGO compared to what is being requested.
- Graphic of the proposed signage as it relates to what the Ch. 31, MGO would permit

February 4, 2020

Plan Commission
City of Madison
Planning Division
215 Martin Luther King Jr. Blvd.
Madison WI 53714

RE: Woodman's Madison East
Gas, Lube & Car Wash Redevelopment
3817 Milwaukee Street
Madison WI 53714

Land Use Application - Letter of Intent

Dear Members of the Plan Commission:

On behalf of Woodman's Food Markets Inc., we have prepared the following description of the proposed redevelopment at the Woodman's property on the East side of Madison.

Project Background

Woodman's has operated their Food Market on Milwaukee Street since coming to Madison in 1979 when they opened their first 90,000 sf "super store". In 1992, this Milwaukee Street location was the first Woodman's gas station to offer oil changes and car washes to their customers. Over the years Woodman's has continually upgraded their equipment and services to provide the highest quality services for the lowest prices. Today's technology for servicing their customer's vehicles has changed to the point that the existing buildings, including the convenience store/lube center, fuel canopy, and car wash, no longer allow them to maintain the level of service their customers desire.

Recently, Woodman's had the opportunity to purchase the restaurant outlot located in front of the Food Market at 3737 Milwaukee Street. The acquisition of this property now affords enough contiguous property to allow Woodman's to redevelop their gas, lube, & car wash operations at this site without losing a considerable number of essential customer parking spaces for their Food Market customers. The new development will allow Woodman's to better serve their customers with a modern facility.

Site Considerations

The new facility requires a larger site footprint than the current configuration. In demolishing the existing restaurant and redeveloping the gas, lube & car wash more than 10% of the property will be disturbed. This requires the entire property be brought up to the city's current standards for landscaping. As a result, landscape islands will be cut into the existing north and west parking lots in addition to the landscaping that is required for the redeveloped gas, lube & car wash site.

Woodman's is in a long-term lease arrangement with an outdoor advertising company for the billboard that is currently on the gas lube site. Woodman's has indicated that the advertising company is not willing to reach an arrangement to end the current lease early. As a result, the billboard has been incorporated into the redeveloped site in such a way that it can be removed at the end of the current lease agreement.

5972 Executive Drive
Suite 100
Madison, WI 53719
608.276.4400

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City of Madison Staff Input

Woodman's, FoxArneson, and raSmith (civil consultant) met with the Development Assistance Team (DAT) on Thursday, December 12 to review the project and request staff input. From that meeting staff comments have been incorporated into the overall site layout. A striped pedestrian connection between the public bus stop along Dempsey Road and the easternmost Food Market entrance has been added. The C-Store and Lube Center have been reoriented so that the C-Store addresses the street.

Project Phasing

The three structures required for the redeveloped facility (convenience store/lube center, fuel canopy, and car wash) have been arranged on the site to allow the removal of the existing car wash and fuel canopy while leaving the existing convenience store and lube facility to continue serving customers while the new convenience store and lube center is constructed. Once the new C-store and lube center are operational, the remainder of the existing facilities can be removed to make room for the new fuel canopy and car wash.

The restaurant will be removed, and that portion of the project site will be redeveloped as parking lot with underground stormwater detention. This will be part of the first phase of construction. Additionally, landscape islands will be cut into the existing north and west parking lots to meet the current landscape requirements of the ordinance. Additional bicycle parking areas at the Food Market will also be provided. This work can be performed at any time during construction but will be scheduled to provide the least amount of disruption to the flow of customer traffic as is practicable.

Project Schedule

We anticipate that construction will commence in early May 2020 or as soon as we can after municipal approval. The anticipated construction timeframe is approximately six months.

Building Form and Material Choices

The forms for the three structures are based on a prototype that Woodman's has developed over the last several years and is adapted to the requirements of each site and municipality. The convenience store/lube center has been adjusted to address the zoning requirements for entrance orientation and façade articulation.

Principal building materials include clay brick masonry, aluminum composite panels, and storefront glazing. The materials are consistent between the three structures.

Building Areas

Convenience Store - 1,496 gsf

Lube Center - 1,984 gsf + 1,718 gsf Lube Pit

Fueling Canopy - 4,116 gsf

Car Wash - 2,174 gsf

Hours of Operation

Gas Station

7:15 am – 6:45 pm Attended Daily
6:45 pm – 7:15 am Unattended Daily (Fuel Dispensers)

Lube Center

8:00 am – 6:15 pm Monday-Friday
7:30 am – 5 pm Saturday
8:00 am – 4:30 pm Sunday

Car Wash

7:15 am – 6:45 pm Attended Daily

Pedestrian and Bicycle Access

FoxArneson met with Alder Grant Foster at the site to walk through the proposed project and gather any feedback that he might offer. Alder Foster expressed his interest in seeing improved pedestrian and bicycle access to both the Food Market and the proposed redeveloped Gas Lube & Car Wash. As a result of his input, our current proposed design shows additional paved access points from the existing public multi-purpose path that serves the site at the south and west. Additionally, three pedestrian routes connect the food market and gas lube with the existing sidewalk along the south side of Milwaukee Street.

Number of Employees

Woodman's anticipates that they will staff the Convenience Store and Lube Center with 1 employee in the Convenience Store and 5 employees in the Lube Center for a total of 5 employees. The Car Wash is operated unattended.

Project Team

Design/Builder

FoxArneson, Inc.
5972 Executive Drive, Suite 100
Madison, WI 53719
Contact: James Arneson 608 663-6233

Architect

FoxArneson Design, Inc.
5972 Executive Drive, Suite 100
Madison, WI 53719
Contact: Philip Weightman 608 663-6235

Civil Engineer, Landscape Architect, and Surveyor

raSmith, Inc.
16745 Bluemound Road
Brookfield, WI 53005
Contact: Paul McIlheran 262 317-3245



build : better

Regards,

A handwritten signature in black ink, appearing to read "Philip Weightman".

Philip Weightman, AIA, ALA, CCS
Vice President
FoxArneson, Inc.



WOODMAN'S MARKETS

EMPLOYEE OWNED

GAS & LUBE

3817 MILWAUKEE STREET
MADISON, WI 53714

SHEET INDEX



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A112	CAR WASH ROOF PLAN
A121	CAR & LUBE PIT PLAN
A201	GAS & LUBE ELEVATIONS
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A901	EL POBLANO EXTERIOR PHOTOS
A902	EL POBLANO INTERIOR PHOTOS
A903	EXISTING GAS & LUBE EXTERIOR PHOTOS

THESE RENDERINGS ARE AN ARTIST'S CONCEPTION AND ARE NOT INTENDED FOR USE AS CONSTRUCTION DOCUMENTS

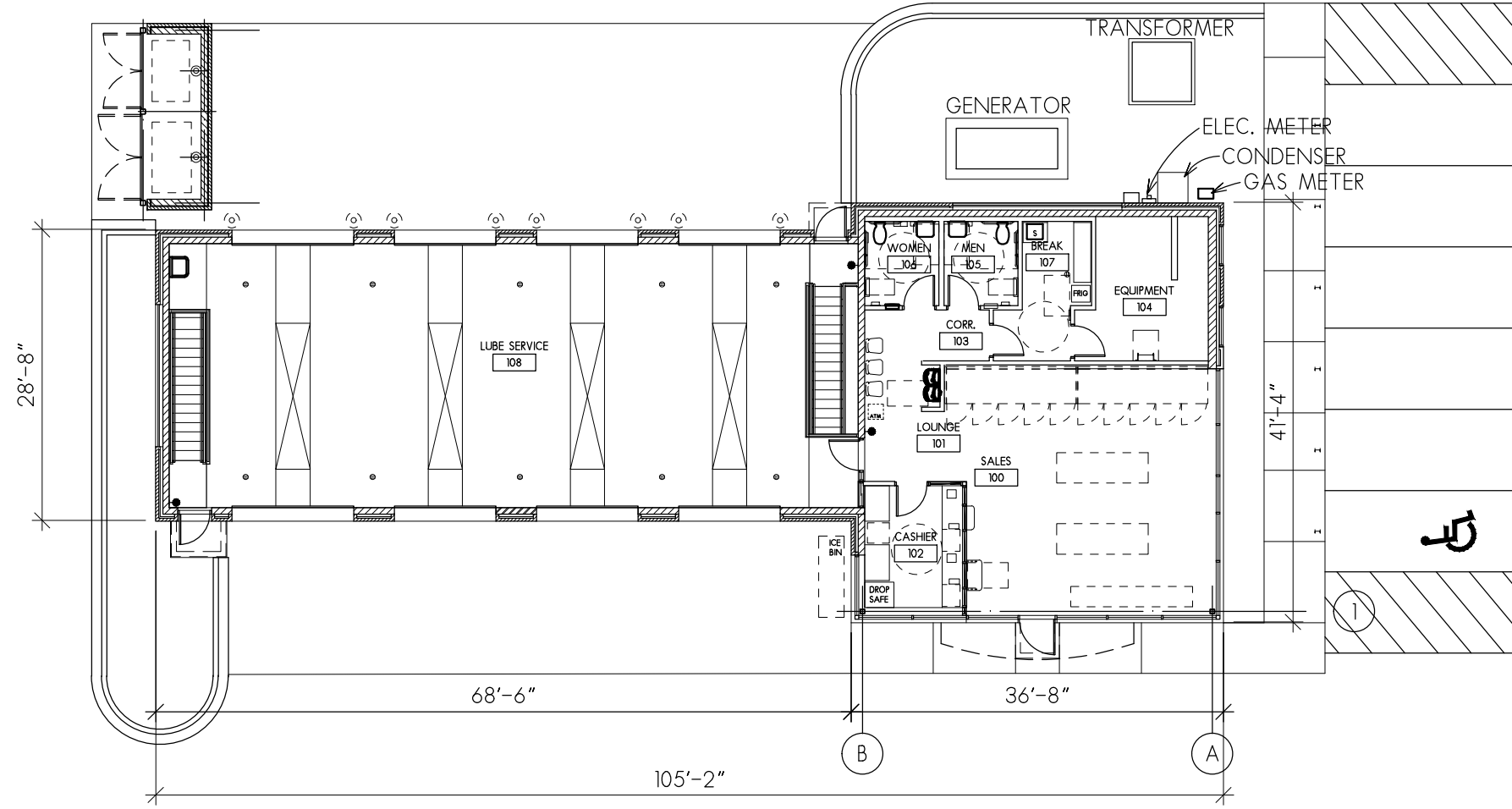


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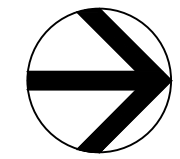
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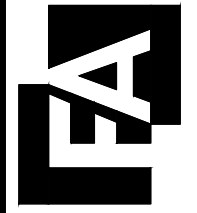
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1 GAS & LUBE PLAN
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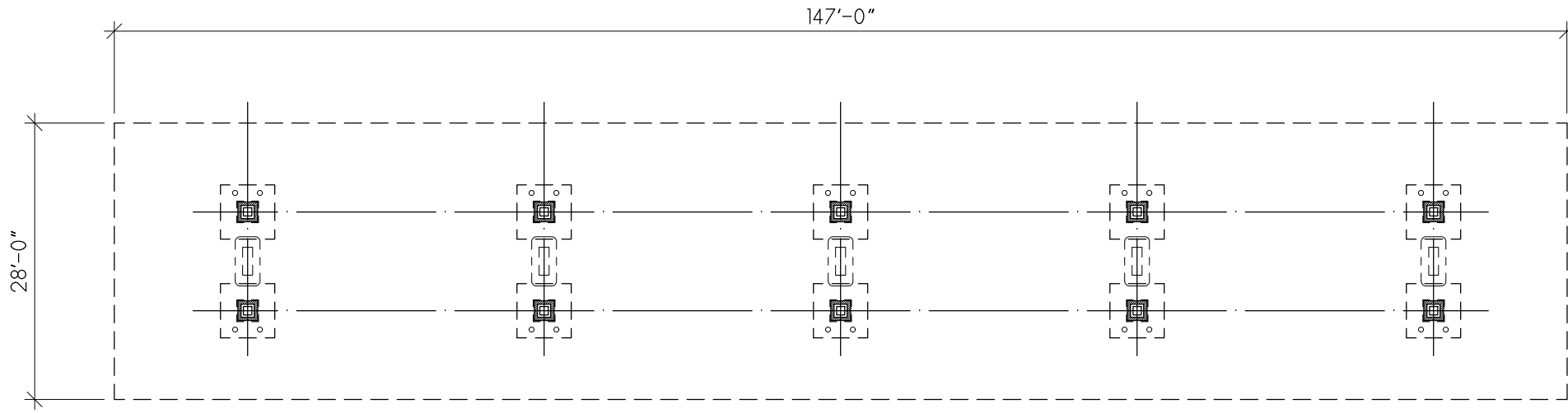
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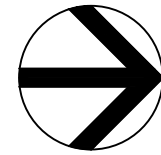
GAS LUBE & CAR WASH
WOODMAN'S
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JTR	PAW

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DRAWING NO.:	19-041
SHEET NO.:	A101



1 FUEL CANOPY PLAN
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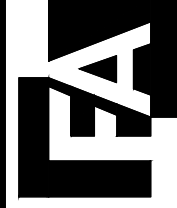
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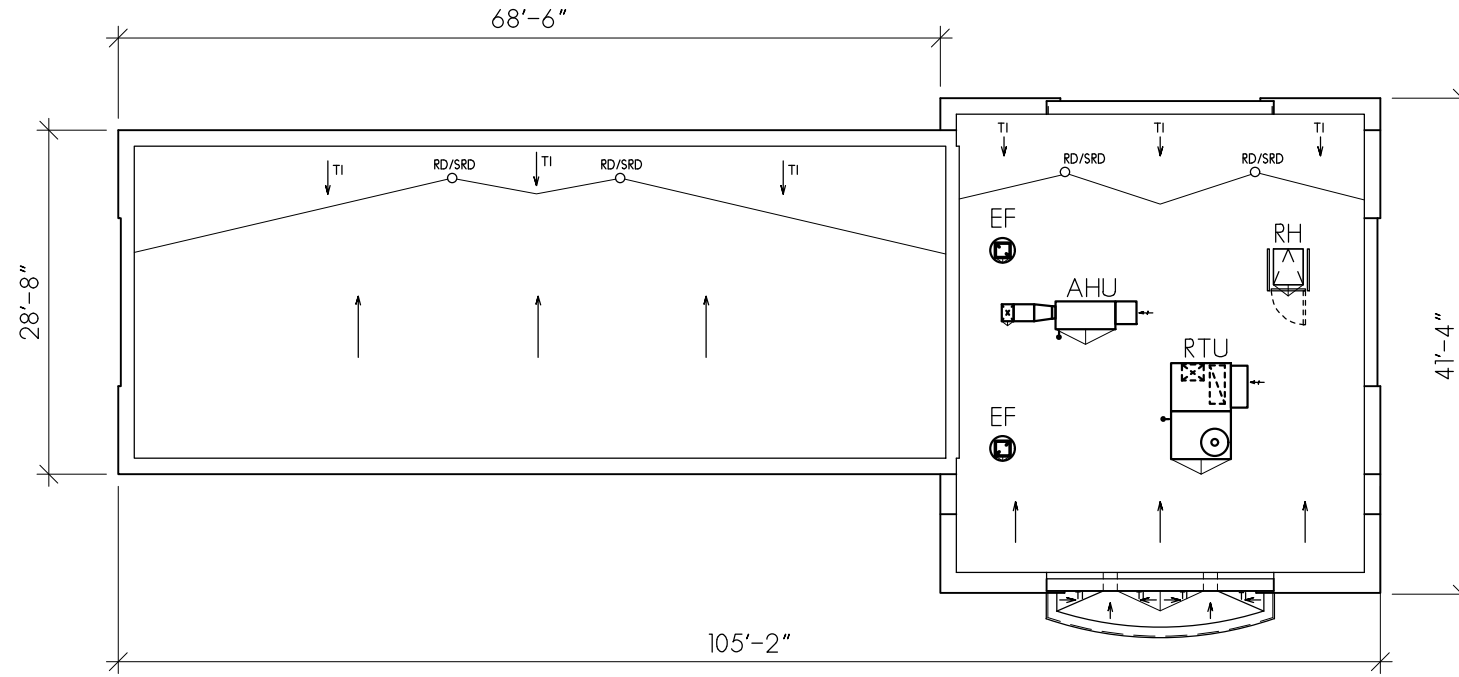
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GAS LUBE & CAR WASH
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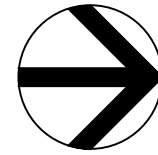
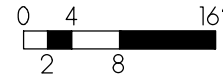
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1

GAS & LUBE ROOF PLAN

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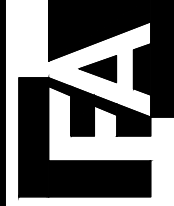
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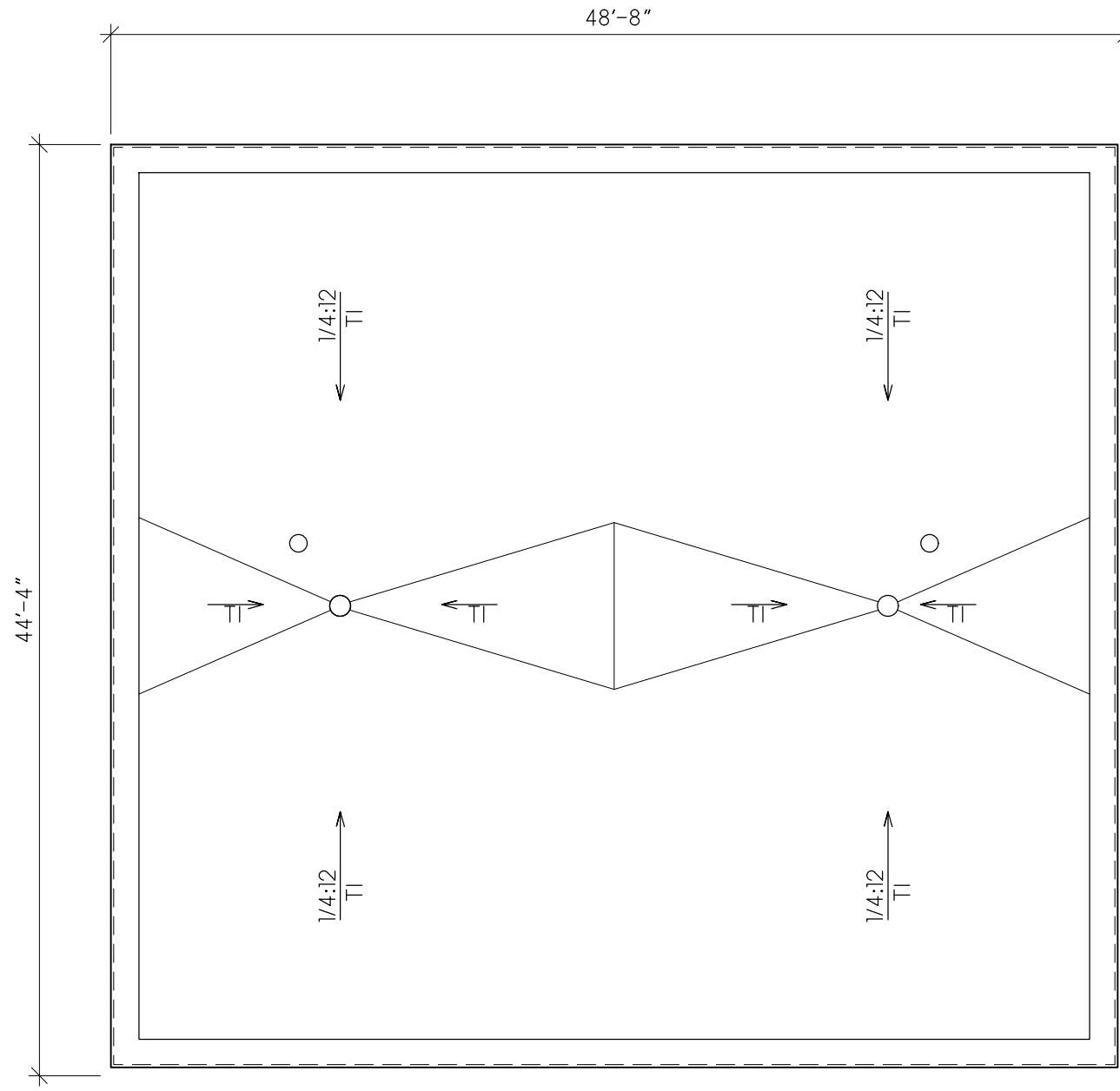
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WOODMAN'S
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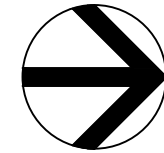
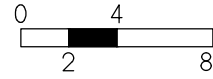
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1 CAR WASH ROOF PLAN
 1/8" = 1'-0"



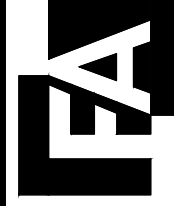
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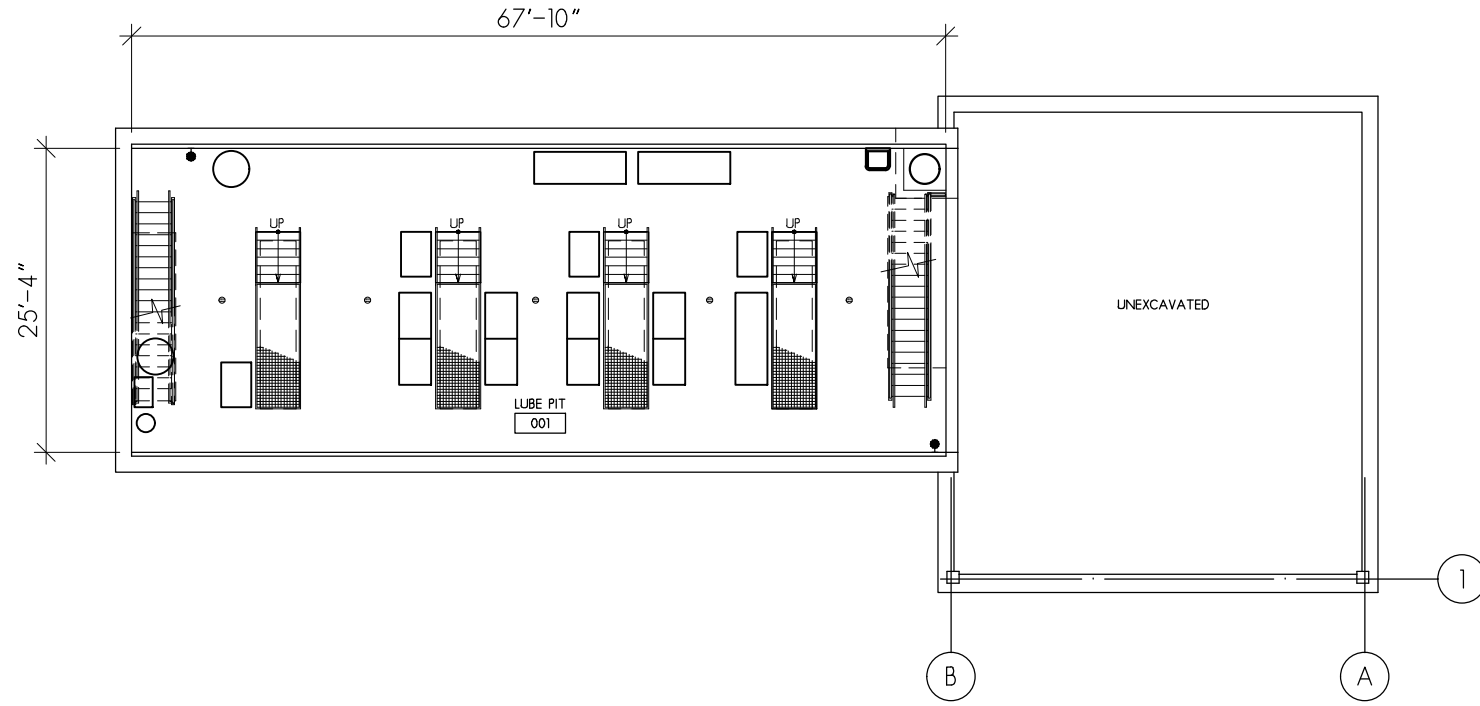
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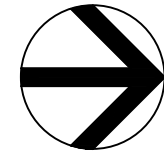
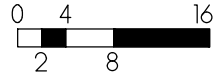
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1 GAS & LUBE PIT PLAN
 1/16" = 1'-0"



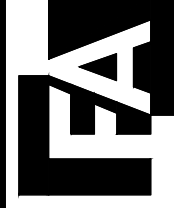
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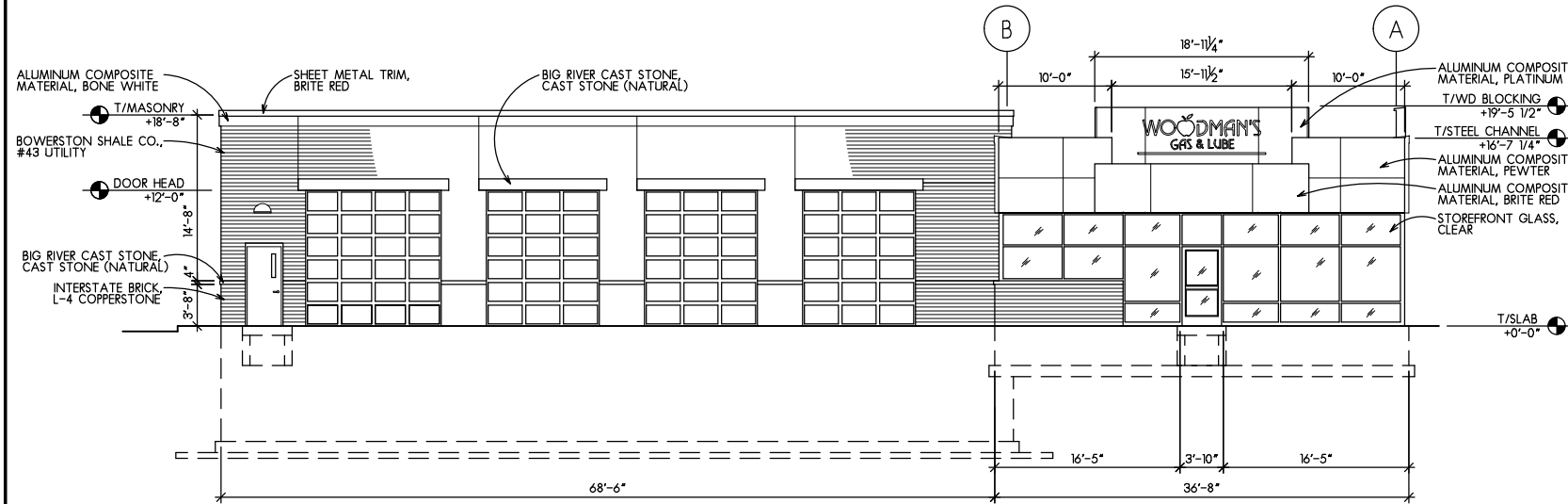
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GAS LUBE & CAR WASH
WOODMAN'S
 3817 MILWAUKEE STREET MADISON, WI 53714

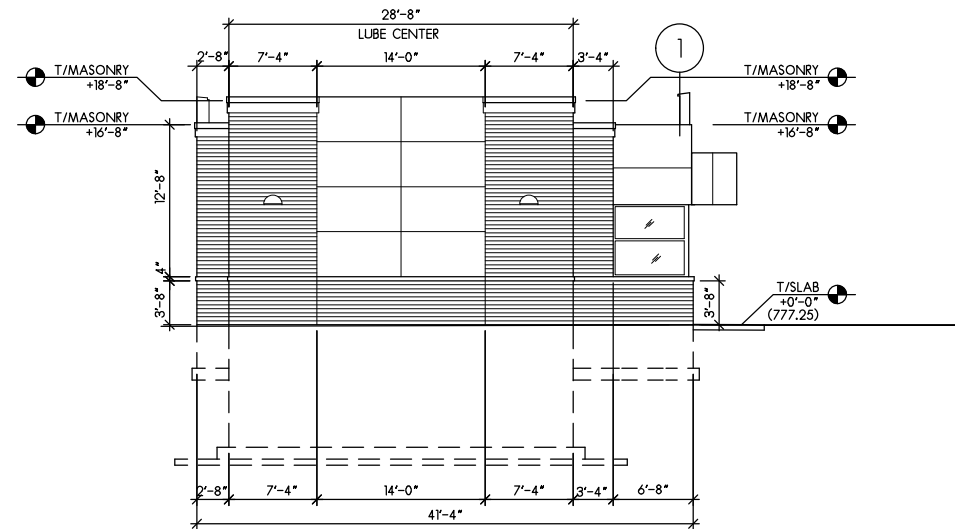
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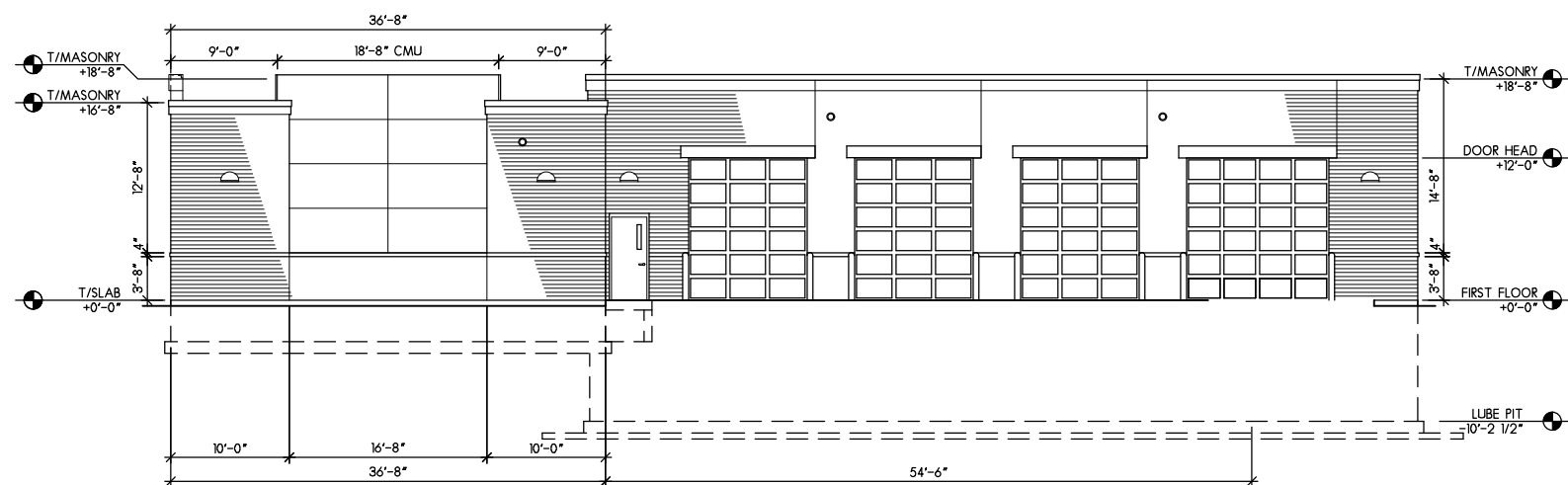
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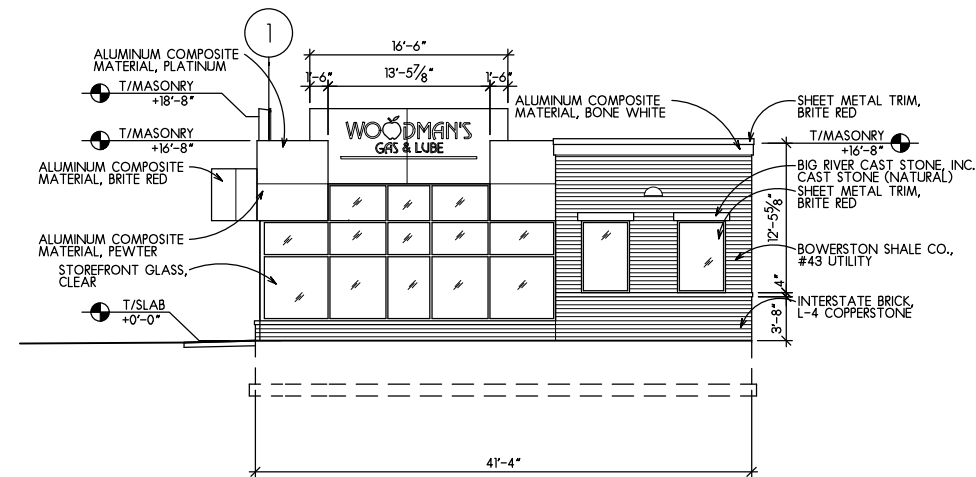
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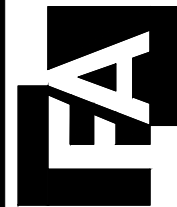
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3 GAS & LUBE WEST ELEVATION
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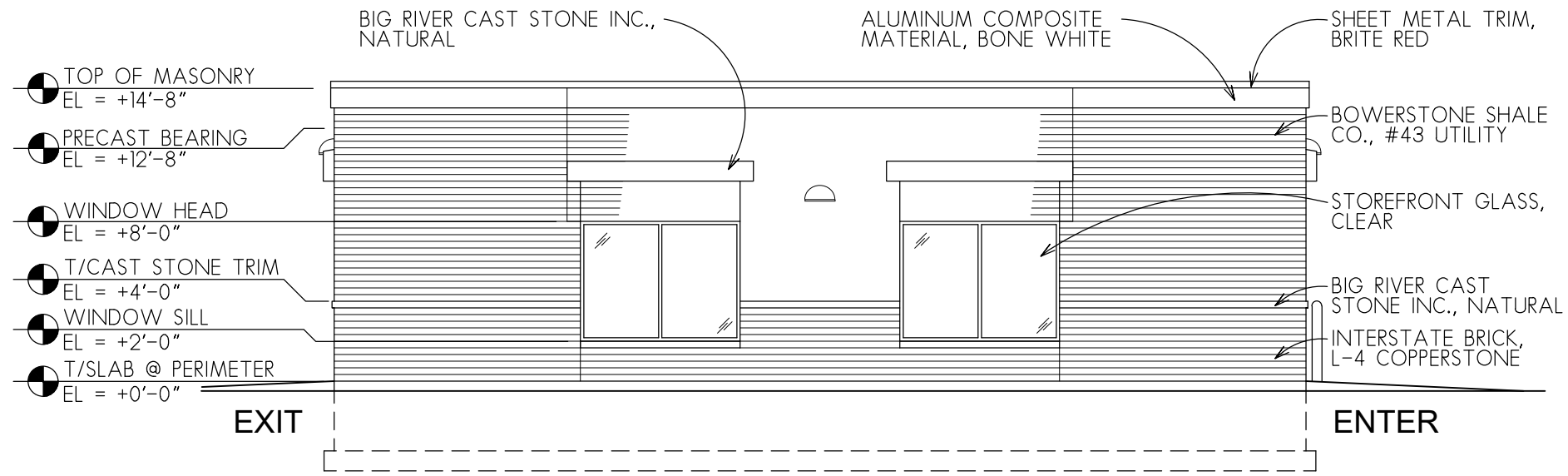


4 GAS & LUBE NORTH ELEVATION
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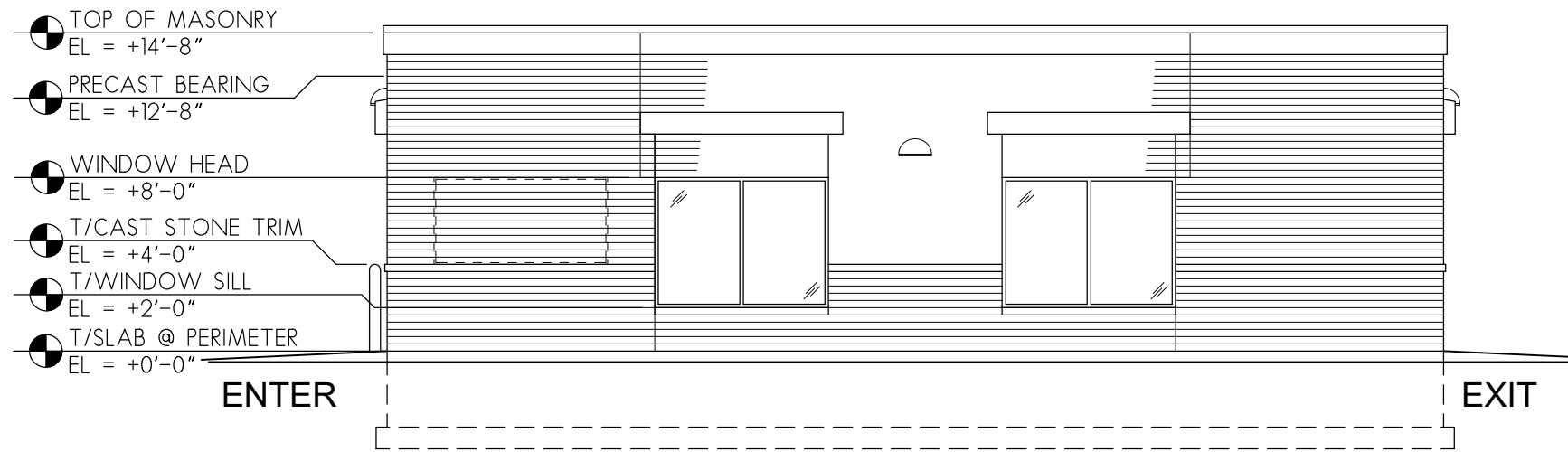


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JTR	PAW

DATE:	2-5-20
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1 CAR WASH EAST ELEVATION
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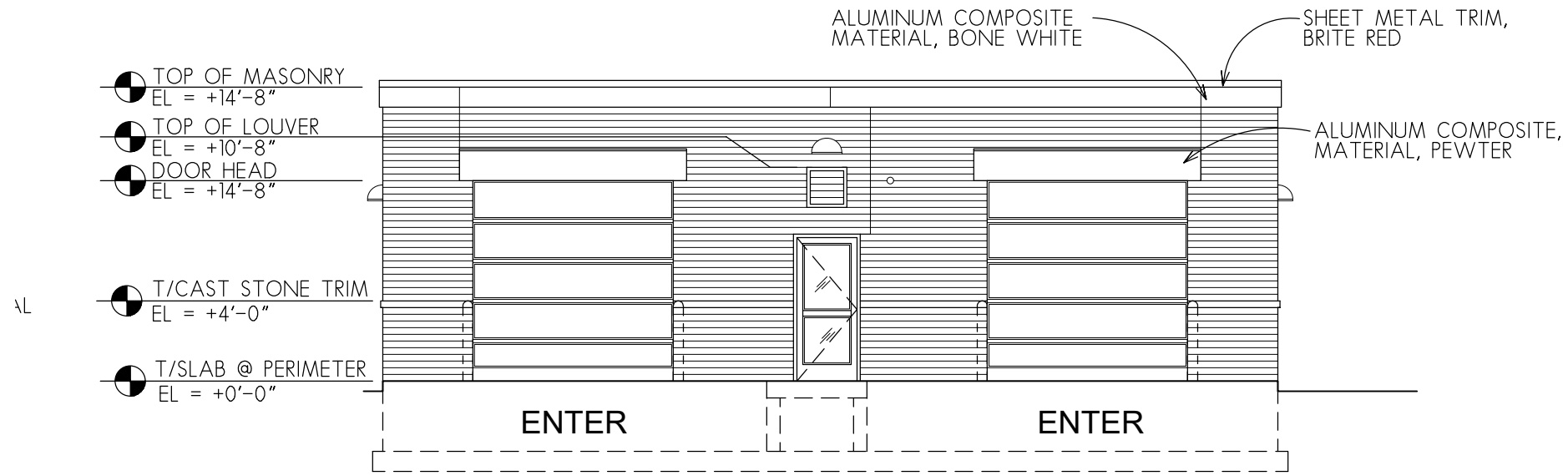


2 CAR WASH WEST ELEVATION
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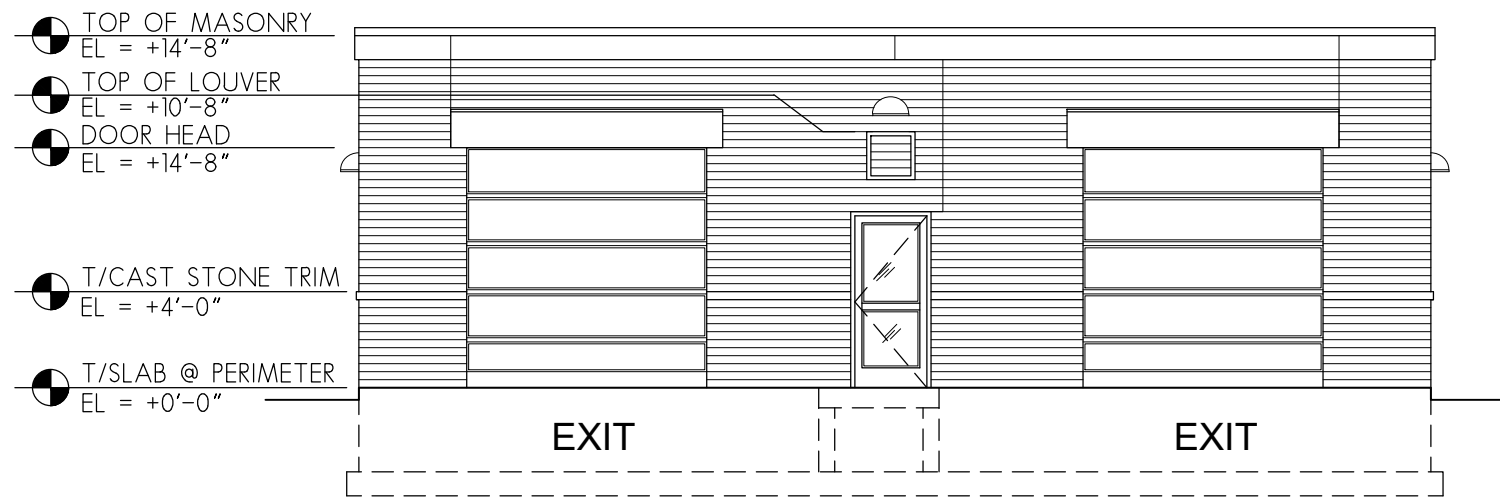


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DRAWN	APPROVED
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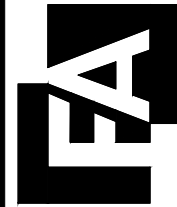
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1 CAR WASH NORTH ELEVATION
1/8" = 1'-0"

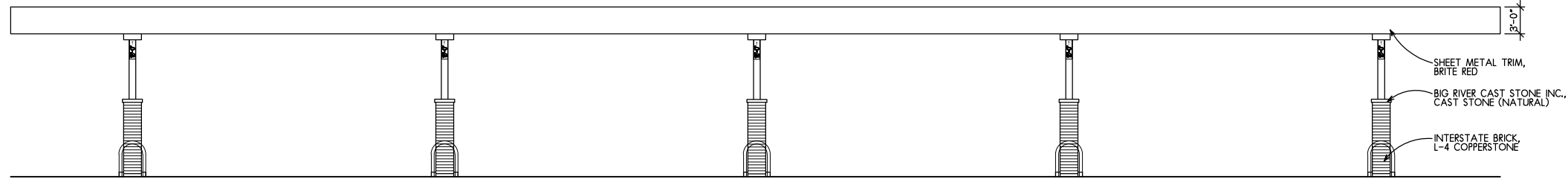


2 CAR WASH SOUTH ELEVATION
1/8" = 1'-0"

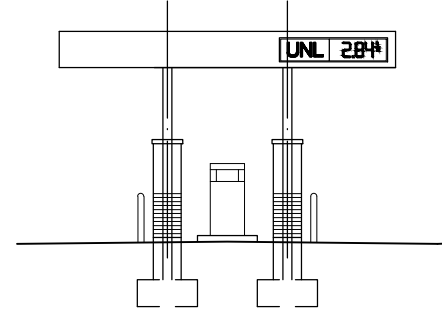


ISSUED FOR:	
DRAWN	APPROVED
JTR	PAW

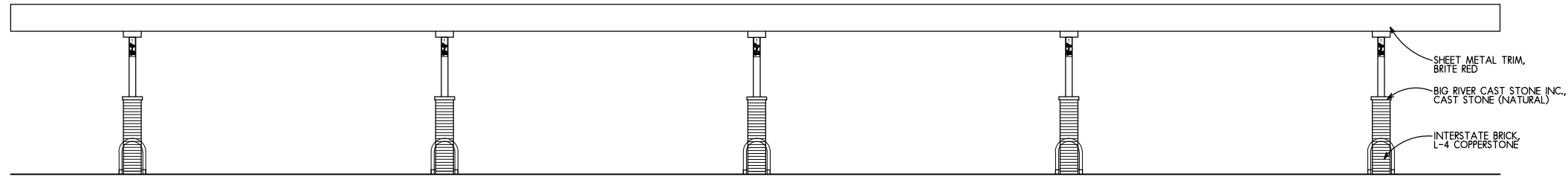
DATE:	2-5-20
DRAWING NO.:	19-041
SHEET NO.:	A203



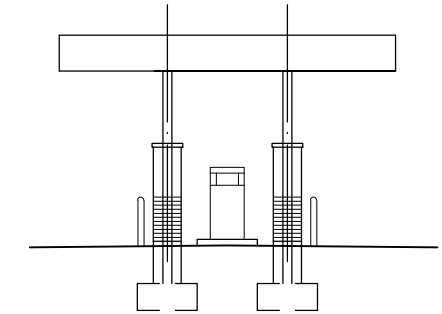
1 FUEL CANOPY EAST ELEVATION
 1/16" = 1'-0"
 0 4 16'
 2 8



2 FUEL CANOPY NORTH ELEVATION
 1/16" = 1'-0"
 0 4 16'
 2 8



3 FUEL CANOPY WEST ELEVATION
 1/16" = 1'-0"
 0 4 16'
 2 8



4 FUEL CANOPY SOUTH ELEVATION
 1/16" = 1'-0"
 0 4 16'
 2 8



ISSUED FOR:	
DRAWN	JTR
APPROVED	PAW

DATE:	2-5-20
DRAWING NO.:	19-041
SHEET NO.:	A204



1



2



3

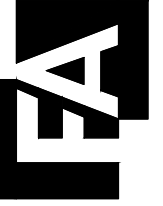


4



5

1 EXTERIOR PHOTOS
NTS



ISSUED FOR:	
DRAWN	JTR
APPROVED	PAW

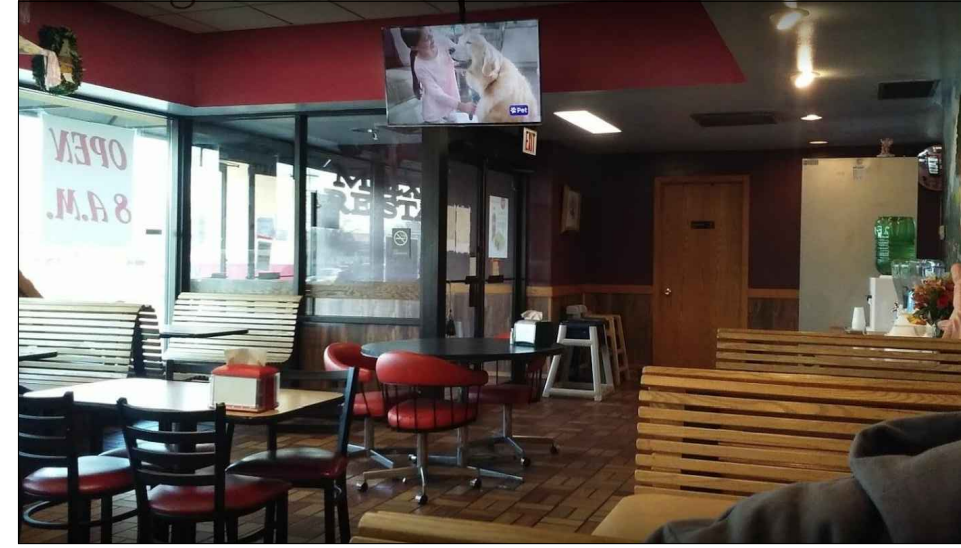
DATE:	2-5-20
DRAWING NO.:	19-041
SHEET NO.:	A901



1



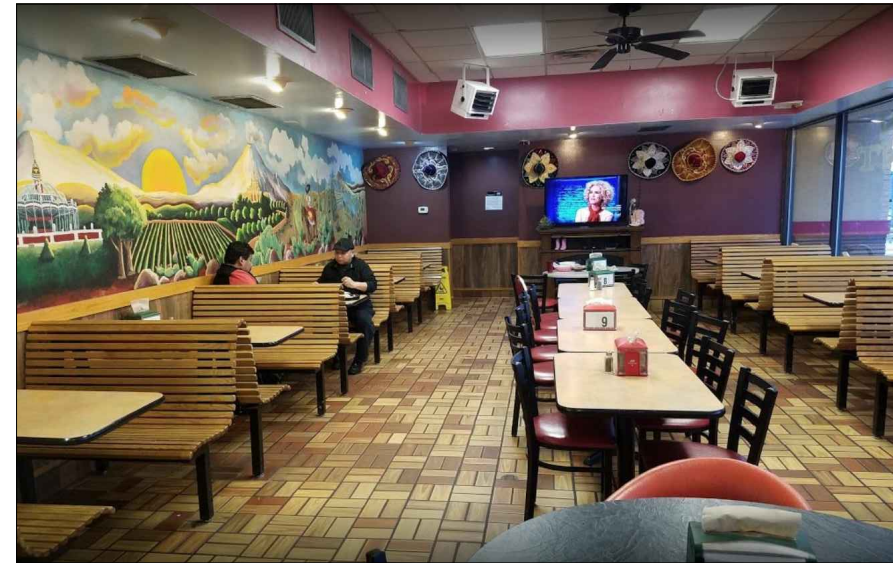
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3



4



5

1 INTERIOR PHOTOS
NTS



ISSUED FOR:	
DRAWN	JTR
APPROVED	PAW

DATE:	2-5-20
DRAWING NO.:	19-041
SHEET NO.:	A902



1



2



3



4



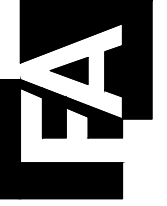
5



6

1 EXTERIOR PHOTOS
NTS

FoxArneson
5972 Executive Drive
Suite 100
Madison, WI 53719
608.276.4400
FOXARNESON.COM

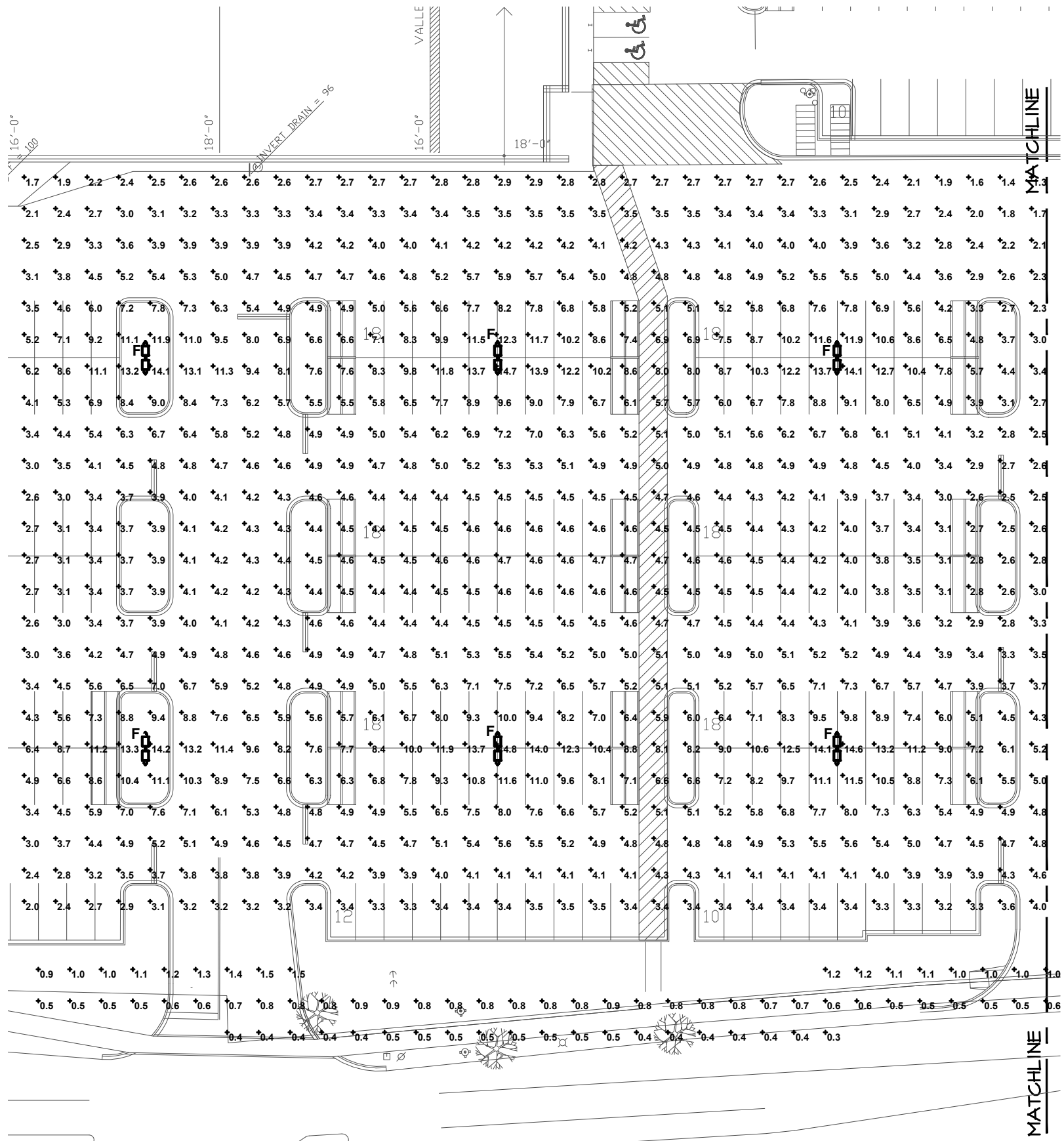


GAS LUBE & CAR WASH
WOODMAN'S
3817 MILWAUKEE STREET MADISON, WI 53714

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FOXARNESON DESIGN, INC

ISSUED FOR:	
DRAWN	APPROVED
JTR	PAW

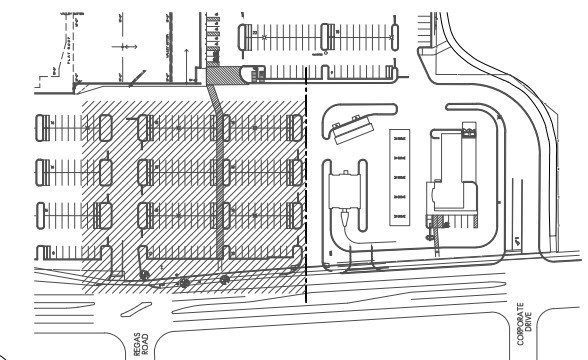
DATE:	2-5-20
DRAWING NO.:	19-041
SHEET NO.:	A903



1 PARTIAL PHOTOMETRIC PLAN
SCALE: 1"=40'-0"

STATISTICS					
Description	Symbol	Avg	Max	Min	Avg/Min
Lot Line	+	0.5 fc	2.0 fc	0.0 fc	N / A
Canopy	+	22.4 fc	50.8 fc	4.5 fc	5.0:1
Parking Lot	+	5.3 fc	28.4 fc	1.3 fc	5.2:1

LUMINAIRE SCHEDULE									
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
○	A	1	LDN6 40/30 LO6AR LD	6IN LDN, 4000K, 3000LM, CLEAR, MATTE DIFFUSE REFLECTOR, CRI80		LDN6_40_30_L O6AR_LD.ies	Absolute	0.95	34.75
□	B	14	WSQ LED P4 SR4 50K MVOLT	WSQ LED WITH P4-PERFORMANCE PACKAGE, 5000K, AND SR4 OPTIC TYPE	LED	WSQ_LED_P4_SR4_50K_MV OLT.ies	Absolute	0.95	60.68
□	C	20	CRUS_SM-SC-LED-SS-50			CRUS_SM-SC-LED-SS-50.ies	Absolute	0.95	114
□	D	6	OSQ-HO-A-xx-3ME-65L-50K-UL w_OSQ-HO-BLSF	CONFIGURED FROM Cree OSQ Series Area High Output Luminaire with Back Light Shield, Type III Medium Distribution, 40L Lumen Package, 4000K	CONFIGURED FROM MDA LEDs in 2 sections with 13 per section in 2 rows of 4 and 1 row of 5 in center, 26 total LEDs	OSQ-HO-A-xx-3ME-65L-50K-UL w_OSQ-HO-BLSF_CONFIGURED.ies	Absolute	0.95	550
□	F	6	OSQ-HO-A-xx-3ME-65L-50K-UL w_OSQ-HO-BLSF	CONFIGURED FROM Cree OSQ Series Area High Output Luminaire with Back Light Shield, Type III Medium Distribution, 40L Lumen Package, 4000K	CONFIGURED FROM MDA LEDs in 2 sections with 13 per section in 2 rows of 4 and 1 row of 5 in center, 26 total LEDs	OSQ-HO-A-xx-3ME-65L-50K-UL w_OSQ-HO-BLSF_CONFIGURED.ies	Absolute	0.95	1100



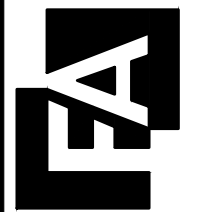
2 KEY PLAN
SCALE: NOT TO SCALE

WT GROUP
Structural Mechanical/Electrical/Plumbing
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Engineering with Precision, Pace & Passion.
2075 Twain Avenue | Tomahawk, WI 54687
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wtgroup.com

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Engineering • Design • Consulting

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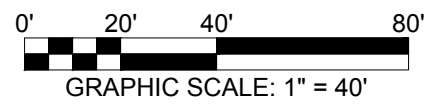
FoxAmeeson
5972 Executive Drive
Suite 100
Madison, WI 53719
608.276.4400
FOXARNESON.CO



GAS LUBE & CAR WASH
WOODMAN'S
3817 MILWAUKEE STREET MADISON, WI 53714

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ISSUED FOR:	
DATE:	2-5-20
DRAWING NO.	19-041
SHEET NO.	EP1.1
DRAWN	JTR
APPROVED	PAW



FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.
CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step SDCM; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 60,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated. ENERGY STAR® certified product.

WARRANTY — 5-year limited warranty. Complete warranty terms located at:

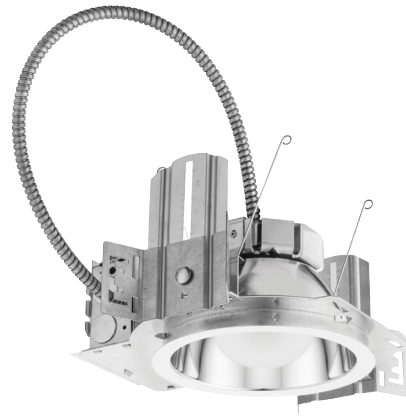
www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number	FIXTURE 'A'
Notes	
Type	



LDN6

**6" OPEN and WALLWASH LED
Non-IC
New Construction Downlight**



A+ Capable options indicated by this color background.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN6 35/15 L06AR LSS MVOLT EZ10

LDN6		Color temperature		Lumens ¹		Aperture/Trim Color		Finish		Voltage	
Series	LDN6 6" round	27/ 2700K	30/ 3000K	05 500 lumens	25 2500 lumens	L06 Downlight	AR Clear	LSS Semi-specular	MVOLT Multi-volt		
		35/ 3500K	40/ 4000K	10 1000 lumens	30 3000 lumens	LW6 Wallwash	WR ² White	LD Matte diffuse	120 120V		
		50/ 5000K		15 1500 lumens	40 4000 lumens		BR ² Black	LS Specular	277 277V		
				20 2000 lumens	50 5000 lumens				347 ³ 347V		

Driver	Options
GZ10 0-10V driver dims to 10%	SF ⁴ Single fuse
GZ1 0-10V driver dims to 1%	TRW ⁵ White painted flange
EZ10 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 10%	TRBL ⁵ Black painted flange
EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1%	EL ⁶ Emergency battery pack with integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	ELR ⁶ Emergency battery pack with remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	ELSD ⁶ Emergency battery pack with self-diagnostics, integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	ELRSD ⁶ Emergency battery pack with self-diagnostics, remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	E10WCP ⁶ Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB
	E10WCPR ⁶ Emergency battery pack, 10W Constant Power with remote test switch. Certified in CA Title 20 MAEDB
	NPP16D ⁷ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1).
	NPP16DER ⁷ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.
	N80 ⁸ nLight™ Lumen Compensation
	NPS80EZ ⁷ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1).
	NPS80EZER ⁷ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.
	HAO ¹¹ High ambient option
	CP ¹² Chicago Plenum
	RRL___ RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC12S.
	NLTAIR2 ^{9,10} nLight® Air enabled
	NLTAIRER2 ^{9,10} nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options
	USPOM US point of manufacture
	90CRI High CRI (90+)

Accessories: Order as separate catalog number.	
PS1055CP	FMC Power Sentry battery pack, T20 compliant, field installable, 10w constant power
EAC ISSM 375	Compact interruptible emergency AC power system
EAC ISSM 125	Compact interruptible emergency AC power system
GRA68 JZ	Oversized trim ring with 8" outside diameter ¹
SCA6	Sloped ceiling adapter. Refer to TECH-SCA for more options.

Notes

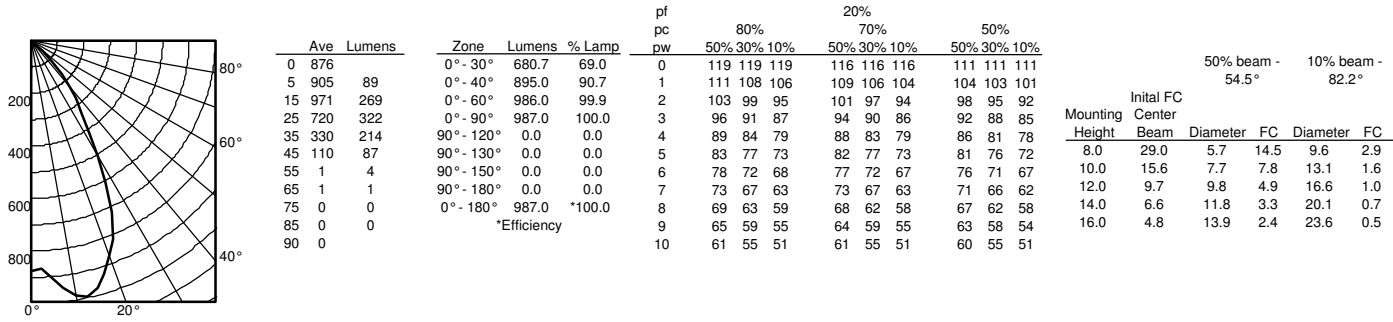
- Overall height varies based on lumen package; refer to dimensional chart on page 3.
- Not available with finishes.
- Not available with emergency options.
- Must specify voltage 120V or 277V.
- Available with clear (AR) reflector only.
- 12.5" of plenum depth or top access required for battery pack maintenance.
- Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZ ER. Only available with EZ10 and EZ1 drivers.
- Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options.
- NLTAIR2 and NLTAIRER2 not recommended for metal ceiling installations.
- Fixture height is 6.5" for all lumen packages with HAO.
- Must specify voltage for 3000lm. 5000lm with marked spacing 24 L x 24 W x 14 H. Not available with emergency battery pack option.

LDN6

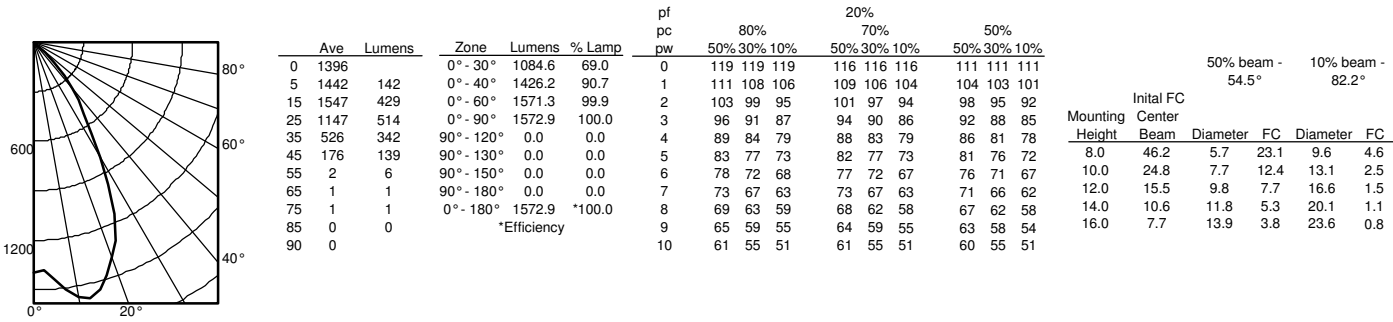
PHOTOMETRY

Distribution Curve Distribution Data Output Data Coefficient of Utilization Illuminance Data at 30" Above Floor for a Single Luminaire

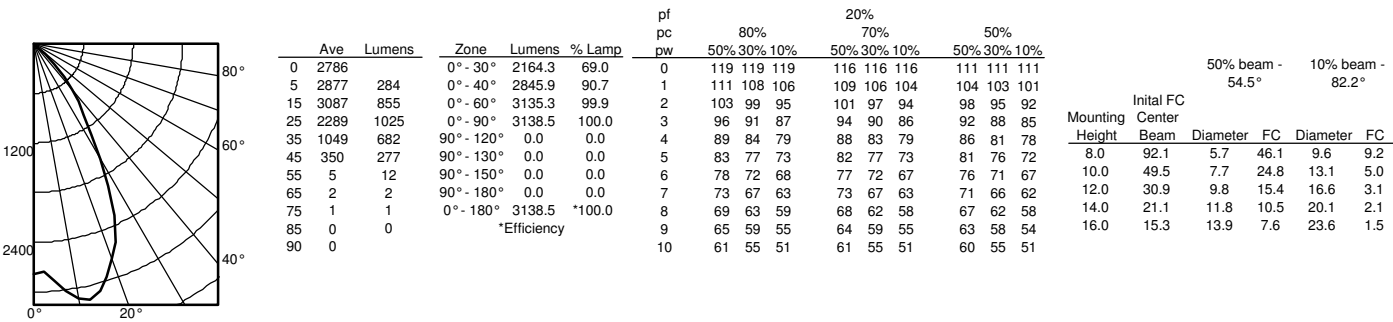
LDN6 35/10 L06AR, input watts: 10.44, delivered lumens: 987.10, LM/W = 94.54, spacing criterion at 0= 1.02, test no. ISF 30716P262.



LDN6 35/15 L06AR, input watts: 17.52, delivered lumens: 1572.9, LM/W = 89.77, spacing criterion at 0= 1.02, test no. ISF 30716P265.



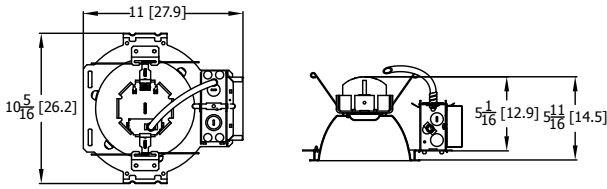
LDN6 35/30 L06AR, input watts: 34.75, delivered lumens: 3138.5, LM/W = 90.31, spacing criterion at 0= 1.02, test no. ISF 30716P274.



LDN6

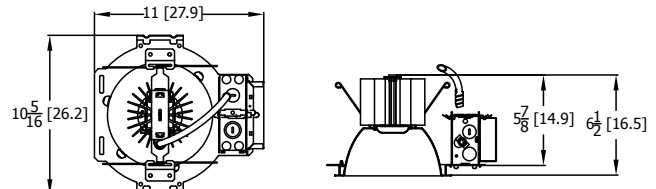
* All dimensions are inches (centimeters) unless otherwise noted.

LDN6 500-1500 LUMEN



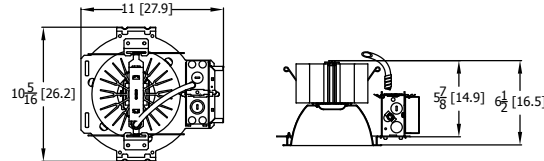
Aperture: 6-1/4 (15.9)
 Ceiling Opening: 7-1/8 (18.1)
 Overlap trim: 7-1/2 (19.1)

LDN6 2000-3000 LUMEN



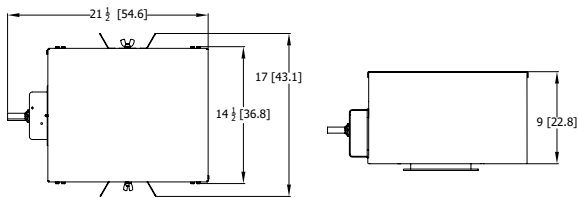
Aperture: 6-1/4 (15.9)
 Ceiling Opening: 7-1/8 (18.1)
 Overlap trim: 7-1/2 (19.1)

LDN6 4000-5000 LUMEN



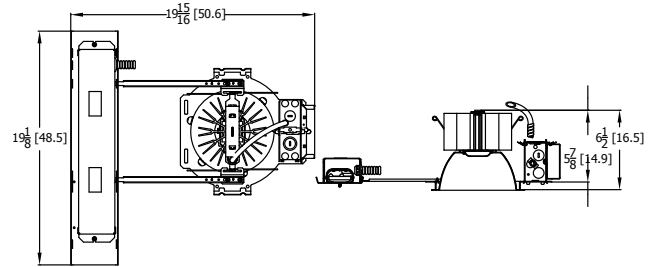
Marked Spacing: 24 x 24 x 10
 Aperture: 6-1/4 (15.9)
 Ceiling Opening: 7-1/8 (18.1)
 Overlap trim: 7-1/2 (19.1)

LDN6 CP



Aperture: 6-1/4" (15.9)
 Ceiling Opening: 7-1/8" (18.1)
 Overlap trim: 7-1/2" (19.1)

LDN6 EL-ELR



Marked Spacing above 3000 lumen: 24 x 24 x 10
 Aperture: 6-1/4 (15.9)
 Ceiling Opening: 7-1/8 (18.1)
 Overlap trim: 7-1/2 (19.1)

LDN6			
Nominal Lumens	Lumens	Wattage	Lm/W
500	527.9	5.8	90.5
750	758.1	8.9	85.1
1000	950.1	10.4	91.0
1500	1514	17.5	86.4
2000	2006	22.5	89.1
2500	2504	28.3	88.6
3000	3021	34.8	86.9
4000	4008	44.3	90.6
5000	4975	57.7	86.3

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at Designlight Consortium.

	LUMEN OUTPUT MULTIPLIERS - FINISH		
	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
Semi-specular (LSS)	0.950	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

	LUMEN OUTPUT MULTIPLIERS - CCT				
	2700K	3000K	3500K	4000K	5000K
80CRI	0.950	0.966	1.000	1.025	1.101

Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

ADDITIONAL DATA

COMPATIBLE 0-10V WALL-MOUNT DIMMERS		
MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DDTV	
	Diva® DVSTCTV	
	Nova T® NTFTV	
	Nova® NFTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis 0A2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Preset slide: PS-010-IV and PS-010-WH	
	Preset slide: PS-010-3W-IV and PS-010-3W-WH	
	Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALInet Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a **shaded background***
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a **shaded background***

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

LDN6

EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

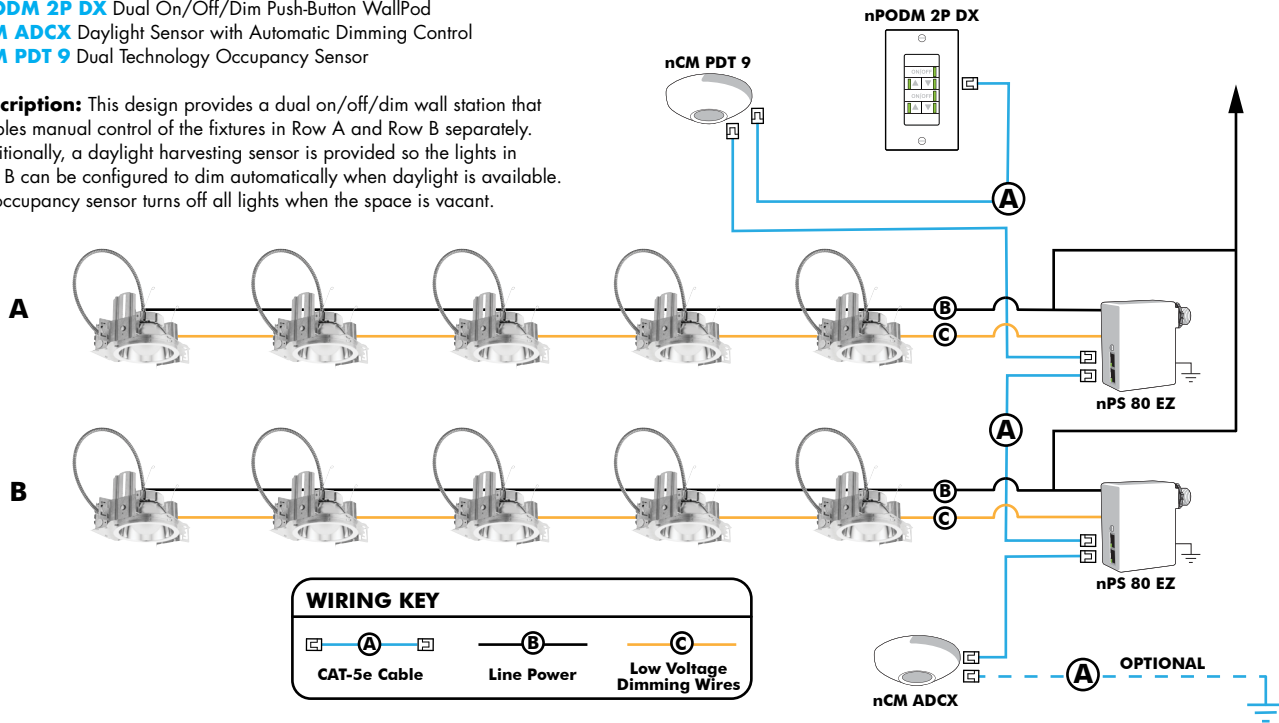
nPS 80 EZ Dimming/Control Pack (qty: 2 required)

nPODM 2P DX Dual On/Off/Dim Push-Button WallPod

nCM ADCX Daylight Sensor with Automatic Dimming Control

nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.



Choose Wall Controls

nLight offers multiple styles of wall controls - each with varying features and user experience.



Push-Button Wallpod

Traditional tactile buttons and LED user feedback



Graphic Wallpod

Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.

WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CATS 10FT J1
		15, CAT5 15FT	CATS 15FT J1

nLight® AIR Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches

	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH ¹

Notes

1 Can only be ordered with the RES7Z zone control sensor version.

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome





WSQ LED

Architectural Wall Sconce



Inverted available with WLU option only.

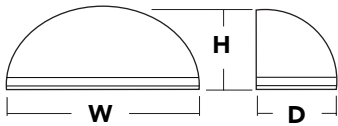
Specifications Luminaire

Height: 9-3/8"
(23.8 cm)

Width: 18"
(45.7 cm)

Depth: 9"
(22.8 cm)

Weight: 17 lbs
(7.7 kg)

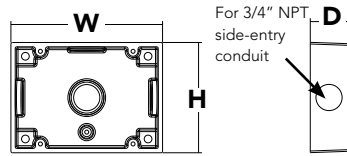


Optional Back Box (BBW)

Height: 4"
(10.2 cm)

Width: 5-1/2"
(14.0 cm)

Depth: 1-1/2"
(3.8 cm)



Catalog Number	FIXTURE 'B'
Notes	
Type	

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

Classic Architectural Wall Sconce with the LED technology. Long-life, maintenance-free product with typical energy savings of 80% compared to metal halide versions. The integral battery backup option provides emergency egress lighting, without the use of a back-box or remote gear, so installations maintain their aesthetic integrity. The WSQ LED is ideal for replacing existing 50 – 250W metal halide wall-mounted products. The expected service life is 20+ years of nighttime use.

Ordering Information

EXAMPLE: WSQ LED P2 40K SR3 MVOLT DDBTXD

WSQ LED	Performance Package	Color Temperature	Distribution	Voltage	Mounting	Options	Finish (required)
WSQ LED	P1 P2 P3 P4	30K 40K 50K	SR2 Type II SR3 Type III SR4 Type IV	MVOLT ¹ 120 208 240 277 347 480	Shipped included (blank) Surface mount Shipped separately ² BBW Surface-mounted back box	Shipped installed PE Photoelectric cell, button type ^{2,3} SF Single fuse (120, 277, 347V) ⁴ DF Double fuse (208, 240, 480V) ⁴ DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) E20WC Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C) ⁵ E10WH Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C) ⁵ WLU Wet location door for up orientation ⁶ PIR Motion/ambient light sensor ⁷ DS Dual switching ⁸ SPD Separate Surge Protection ⁹ Shipped separately VG Vandal guard WG Wire guard	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

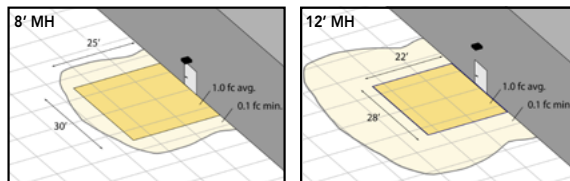
Emergency Battery Operation

The emergency battery backup (E20WC & E10WH options) is integral to the luminaire - no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All E20WC & E10WH configurations include an independent secondary driver with an integral relay to immediately detect AC power loss.

The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per [International Building Code Section 1006](#) and [NFPA 101 Life Safety Code Section 7.9](#), provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples below show illuminance of 1 fc average and 0.1 fc minimum of the P1 power package Type IV product in emergency mode.

WSR P1 LED 40K SR4 MVOLT E20WC
10' x 10' Gridlines
8' and 12' Mounting Height



NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Not available with 480V option.
- PE option is voltage specific.
- Single fuse (SF) requires 120V, 277V or 347V options. Double fuse (DF) requires 208V, 240V or 480V options.
- Not available with 347V or 480V. Not available with WLU.
- WLU not available with PIR, E20WC or E10WH.
- See PIR Table for default settings.
- Only available with P3 & P4 packages. Provides 50/50 luminaire operation via two independent drivers and light engines on two separate circuits. Not available with E20WC, E10WH, WLU, SF, or DF. When ordered with photocell (PE) or motion sensor (PIR), only the primary power source leads will be controlled.
- See electrical section on page 2 for more details.



Commercial Outdoor

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-7378 • www.lithonia.com
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WSQ-LED
Rev. 04/22/19

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts.

Performance Package	System Watts (MVOLT)	Dist. Type	30K (3000K, 70CRI)		40K (4000K, 70CRI)		50K (5000K, 70CRI)	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
P1	20W	SR2	2,111	108	2,251	115	2,305	118
		SR3	2,104	108	2,244	115	2,298	117
		SR4	2,053	105	2,189	112	2,242	115
P2	29W	SR2	2,943	101	3,139	108	3,214	110
		SR3	2,934	101	3,129	107	3,204	110
		SR4	2,863	98	3,053	105	3,126	107
P3	40W	SR2	4,500	114	4,799	122	4,913	125
		SR3	4,486	114	4,784	122	4,898	125
		SR4	4,377	111	4,667	119	4,779	122
P4	61W	SR2	6,159	102	6,567	108	6,724	111
		SR3	6,139	101	6,547	108	6,703	110
		SR4	5,991	99	6,388	105	6,541	108

Motion/Ambient Sensor Default Settings

	Dimmed State	High Level (when triggered)	Photocell Operation	Ramp-up Time	Dwell Time	Ramp-down Time
*PIR	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	3 sec	5 min	5 min

*PIR USES SFOD 7

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Normalized Lumen Multiplier
0°C	32°F	1.05
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **MRW LED P4** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25000	50000	100000	L90
Lumen Maintenance Factor	1	0.96	0.95	0.92	>60000

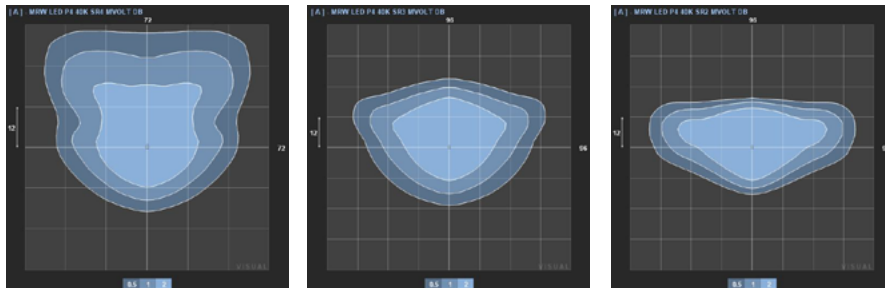
Electrical Load

Power Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	20W	0.17	0.10	0.09	0.08	0.06	0.05
P2	29W	0.26	0.15	0.13	0.12	0.09	0.07
P3	40W	0.37	0.21	0.18	0.16	0.13	0.09
P4	61W	0.59	0.33	0.18	0.25	0.19	0.14

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [WSQ LED homepage](#).

Isfootcandle plots for the WSQ LED P4 40K SR2, SR3, and SR4. Distances are in units of mounting height (12').



FEATURES & SPECIFICATIONS

INTENDED USE

The classic architectural shape of the WSQ LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long life LEDs and driver make this luminaire nearly maintenance-free.

CONSTRUCTION

The die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Precision-molded acrylic lenses are engineered for superior distribution, uniformity, and spacing in wall-mount applications. Light engines are 4000K (70 CRI). The WSQ LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) consist of 8 high-efficacy LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation and promote long life (100,000 hrs at 25°C, L77). Class 2 electronic driver has a power factor >90%, THD <20%, and a minimum 6 KV surge protection. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated and suitable for wet locations when mounted with the lenses down. WLU option offers wet location listing in "up" orientation. Rated for -30°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

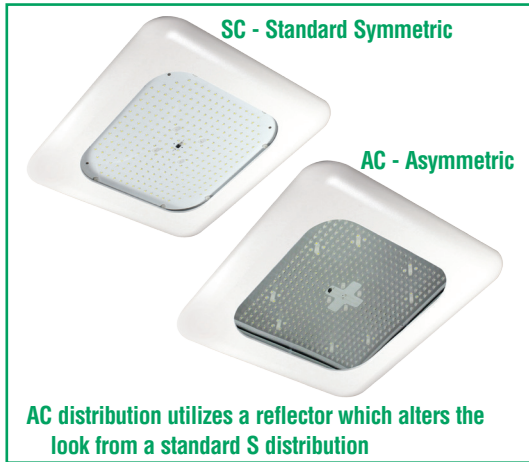


Commercial Outdoor

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WSQ-LED
Rev. 04/22/19

LED CANOPY LIGHT - LEGACY™ (CRUS)



DOE LIGHTING FACTS

Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit www.lightingfacts.com for specific catalog strings.

FIXTURE 'C'

US & Int'l. patents pending.

HOUSING - Low profile, durable die-cast, aluminum construction, providing a reliable weather-tight seal.

LEDS - Features an array of select, mid-power, high brightness, high efficiency LED chips; 5000K color temperature, 70 CRI (nominal).

DRIVE CURRENT - Choice of Very Low Wattage (VLW), Low Wattage (LW), Super Saver (SS), High Output (HO) or Very High Output (VHO).

OPTICS / DISTRIBUTION - Choice of Symmetrical or Asymmetrical, which directs light through a clear tempered glass lens, to provide a uniform distribution of light to vertical and horizontal surfaces.

OPTICAL UNIT - Features an ultra-slim 7/8" profile die-cast housing, with a flat glass lens. Unit is water-resistant, sealed to an IP67 rating. Integral designed heat sink does not trap dirt and grime, ensuring cool running performance over the life of the fixture.

PRESSURE STABILIZING VENT - Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.

HAZARDOUS LOCATION - Designed for lighter than air fuel applications. Product is suitable for Class 1 Division 2 only when properly installed per LSI installation instructions (consult factory).

DRIVER - State-of-the-art driver technology superior energy efficiency and optimum light output. Driver components are fully encased in potting for moisture resistance. Complies with IEC and FCC standards. 0-10 V dimming supplied standard with all drive currents.

DRIVER HOUSING - Die-cast aluminum, wet location rated driver/electrical enclosure is elevated above canopy deck to prevent water entry, provide easy "knock-out" connection of primary wiring and contributes to attaining the lowest operating temperatures available. Seals to optical housing via one-piece molded silicone gasket.

OPERATING TEMPERATURE - -40°C to 50°C (-40°F to +122°F)

ELECTRICAL - Universal voltage power supply, 120-277 VAC, 50/60 HZ input. Drivers feature two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Scenario 1, Location Category C.

FINISH - Standard color is white and is finished with LSI's DuraGrip® polyester powder coat process. DuraGrip withstands extreme weather changes without cracking or peeling.

INSTALLATION - One person installation. No additional sealant required. Installs in a 12" or 16" deck pan. Deck penetration consists of a 4" hole, simplifying installation and water sealing. Unit is designed to quickly retrofit into existing Scottsdale (4") hole as well as openings for Encore and Encore Top Access and to reconnect wiring for the SC/ECTA without having to relocate the conduit. Retro panels are available for existing Encores (see back page) as well as kits for recessed and 2x2 installations (see separate spec sheets). Support brackets are provided standard, to prevent sagging of deck.

SHIPPING WEIGHT - 27 pounds (single pack), 48 pounds (double pack).

EXPECTED LIFE - Minimum 60,000 to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

WARRANTY - Limited 5-year warranty.

LISTING - UL and ETL listed to UL 1598, UL 8750 and other U.S. and International safety standards. Suitable for wet locations.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

Consult Factory

Class 1, Division 2 – Available on LW and SS

T5 Temperature Classification – The surface temperature of this product will not rise above 100°C., within a 40°C ambient.

Gas Groups A,B,C, and D – Group A: Acetylene / Group B: Hydrogen / Group C: Propane and Ethylene / Group D: Benzene, Butane, Methane & Propane.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



IP67



Project Name _____ Fixture Type _____
Catalog # _____

08/28/17

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LSI INDUSTRIES INC.

LED CANOPY LIGHT - LEGACY™ (CRUS)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **CRUS SC LED HO 50 UE WHT**

Prefix	Distribution ¹	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Options
CRUS	SC - Standard Symmetric AC - Asymmetric	LED	VLW - Very Low Watt LW - Low Watt SS - Super Saver HO - High Output VHO - Very High Output	50 - 5000K	UE - Universal Voltage (120-277V) 347 - 480V	WHT - White BRZ - Bronze BLK - Black	HL - Hazardous location available on LW and SS

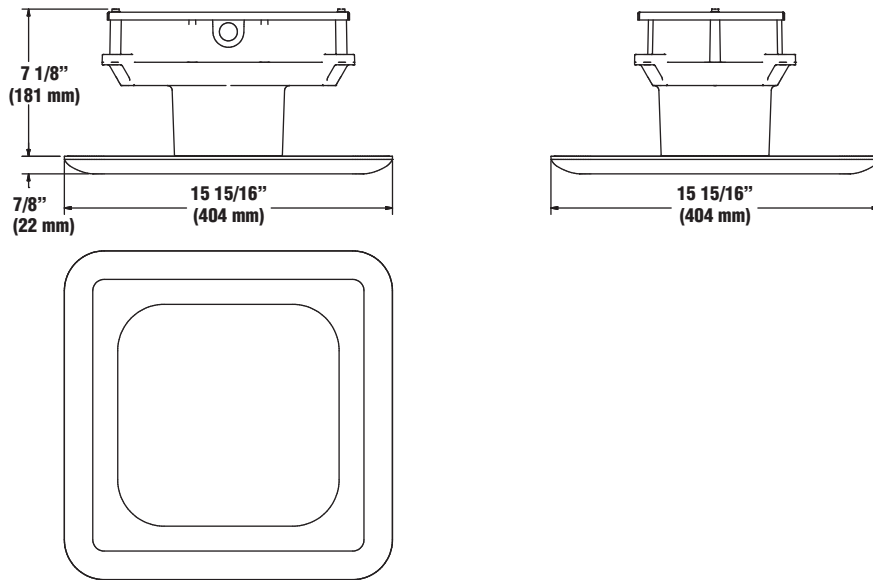
FOOTNOTES:

1- AC distribution utilizes a reflector which alters the look from a standard S distribution.

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number	Description	Order Number
Retrofit Panels - EC / ECTA / SCF to CRU, for 16" Deck Panel	525946	Kit - Hole Plugs and Silicone (enough for 25 retrofits) ¹	1320540
Retrofit Panels - ECTA / SCF to CRU, for 12" Deck Panel	530281	1- Consists of (25) 7/8" hole plugs and (1) 10.3 oz tube of RTV	
Retrofit 2x2 Cover Panel Blank (no holes)	357282		
Retrofit RIC Cover Panel Blank (no holes)	354702		

DIMENSIONS



LIGHT OUTPUT - CRUS

		Lumens		Watts	LPW	
		SC	AC	SC/AC	SC	AC
Cool White	VLW - Very Low Watt	9055	7632	61	148	125
	LW - Low Watt	10525	8884	74	142	120
	SS - Super Saver	13674	11595	98	140	118
	HO - High Output	18633	15145	132	141	115
	VHO - Very High Output	22418	17262	159	141	109



Project Name _____ Fixture Type _____
Catalog # _____

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OSQ Series

OSQ™ LED Area/Flood Luminaire – Large

Product Description

The OSQ™ Area/Flood luminaire blends extreme optical control, advanced thermal management and modern, clean aesthetics. Built to last, the housing is rugged cast aluminum with an integral, weathertight LED driver compartment. Versatile mounting configurations offer simple installation. Its slim, low-profile design minimizes wind load requirements and blends seamlessly into the site providing even, quality illumination. 'S' Input power designator is a suitable upgrade for HID applications up to 750 Watts.

Applications: Parking lots, walkways, campuses, auto dealerships, office complexes, and internal roadways

Performance Summary

NanoOptic® Precision Delivery Grid™ optic

Made in the U.S.A. of U.S. and imported parts

CRI: Minimum 70 CRI (4000K & 5700K); 80 CRI (3000K)

CCT: 3000K (+/- 300K), 4000K (+/- 300K), 5700K (+/- 500K)

Limited Warranty*: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

*See www.cree.com/lighting/products/warranty for warranty terms

Accessories

Field-Installed	
Backlight Shield OSQ-BLSLF – Front facing optics	OSQ-BLSLR – Rotated optics

Ordering Information

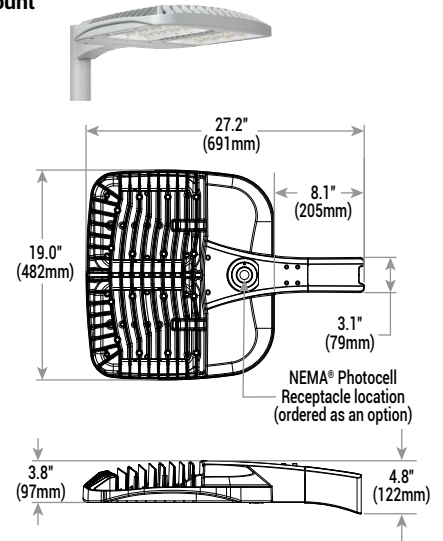
Fully assembled luminaire is composed of two components that must be ordered separately:
Example: **Mount:** OSQ-AA-SV + **Luminaire:** OSQ-A-NM-2ME-S-40K-UL-SV

Mount (Luminaire must be ordered separately)	
OSQ-	
OSQ-AA Adjustable Arm	Color Options: SV Silver, BK Black, BZ Bronze, WH White
OSQ-DA Direct Arm	

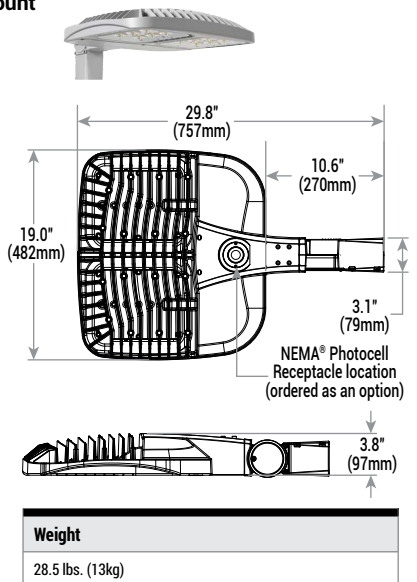
Luminaire (Mount must be ordered separately)									
OSQ	A	NM	Optic		S	CCT	Voltage	Color Options	Options
OSQ	A	NM No Mount	2ME* Type II Medium	WSN Wide Sign	S 223W	30K 3000K 40K 4000K 57K 5700K	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver WH White	DIM 0-10V Dimming - Control by others - Refer to Dimming spec sheet for details - Can't exceed wattage of specified input power designator F Fuse - When code dictates fusing, use time delay fuse ML Multi-Level - Refer to ML spec sheet for details - High: 100%, Low: 30% - Intended for downlight applications at 0° tilt PML Programmable Multi-Level, 20-40' Mounting Height - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt PML2 Programmable Multi-Level, 10-30' Mounting Height - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt Q9 Field Adjustable Output - Refer to Field Adjustable Output spec sheet for details R NEMA® Photocell Receptacle - Intended for downlight applications with maximum 45° tilt - Photocell by others RL Rotate Left - LED and optic are rotated to the left RR Rotate Right - LED and optic are rotated to the right

* Available with Backlight Shield when ordered with field-installed accessory (see table above)

DA Mount



AA Mount



Weight
28.5 lbs. (13kg)



Rev. Date: V7 11/19/2015



US: www.cree.com/lighting

T (800) 236-6800 F (262) 504-5415

Canada: www.cree.com/canada

T (800) 473-1234 F (800) 890-7507

Product Specifications

CONSTRUCTION & MATERIALS

- Slim, low profile design minimizes wind load requirements
- Luminaire housing is rugged die cast aluminum with an integral, weathertight LED driver compartment and high performance heat sink
- Convenient interlocking mounting method on direct arm mount. Mounting adaptor is rugged die cast aluminum and mounts to 3-6" (76-152mm) square or round pole, secured by two 5/16-18 UNC bolts spaced on 2" (51mm) centers
- Mounting for the adjustable arm mount adaptor is rugged die cast aluminum and mounts to 2" (51mm) IP, 2.375" (60mm) O.D. tenon
- Adjustable arm mount can be adjusted 180° in 2.5° increments
- Designed for uplight and downlight applications
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Silver, bronze, black, and white are available
- **Weight:** 28.5 lbs. (13kg)

ELECTRICAL SYSTEM

- **Input Voltage:** 120-277V or 347-480V, 50/60Hz, Class 1 drivers
- **Power Factor:** > 0.9 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Integral 10kV surge suppression protection standard
- To address inrush current, slow blow fuse or type C/D breaker should be used
- **10V Source Current:** 0.15mA

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for wet locations
- Enclosure rated IP66 per IEC 60529 when ordered without R option
- Consult factory for CE Certified products
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15 standards for conducted and radiated emissions
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- Meets Buy American requirements within ARRA
- DLC qualified when ordered with 30K (5ME, 5SH optics), or 40K and 57K (2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D optics). Please refer to www.designlights.org/QPL for most current information
- Dark Sky Friendly, IDA approved. Please refer to www.darksky.org/ for most current information
- RoHS compliant. Consult factory for additional details

Electrical Data*							
Input Power Designator	System Watts 120-480V	Total Current					
		120V	208V	240V	277V	347V	480V
S	223	1.94	1.13	0.99	0.85	0.65	0.47

* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-480V +/-10%

Recommended OSQ Series Lumen Maintenance Factors (LMF) ¹						
Ambient	Optic	Initial LMF	25K hr Projected ² LMF	50K hr Projected ² LMF	75K hr Projected/ Calculated ^{2,3} LMF	100K hr Calculated ³ LMF
5°C (41°F)	2ME, 3ME, 4ME	1.04	0.99	0.93	0.89	0.84
	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	1.05	0.94	0.86	0.80	0.74
10°C (50°F)	2ME, 3ME, 4ME	1.03	0.98	0.93	0.88	0.83
	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	1.04	0.93	0.86	0.79	0.73
15°C (59°F)	2ME, 3ME, 4ME	1.02	0.97	0.92	0.87	0.82
	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	1.03	0.92	0.85	0.78	0.72
20°C (68°F)	2ME, 3ME, 4ME	1.01	0.96	0.91	0.86	0.82
	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	1.01	0.90	0.83	0.77	0.71
25°C (77°F)	2ME, 3ME, 4ME	1.00	0.95	0.90	0.85	0.81
	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	1.00	0.89	0.82	0.76	0.70

¹ Lumen maintenance values at 25°C (77°F) are calculated per TM-21 based on LM-80 data and in-situ luminaire testing

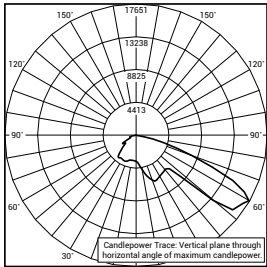
² In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip)

³ In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip)

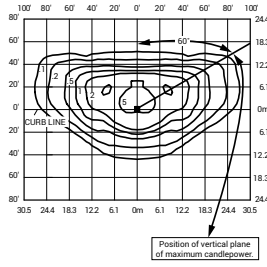
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: www.cree.com/Lighting/Products/Outdoor/Area/OSQ-Series

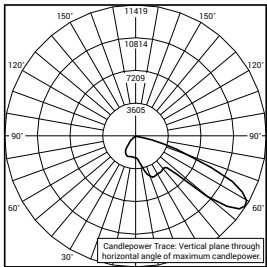
2ME



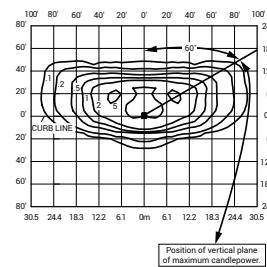
RESTL Test Report #: PL03403-001
OSQ-A-**-2ME-S-40K-UL
Initial Delivered Lumens: 21,329



OSQ-A-**-2ME-S-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 21,696
Initial FC at grade



RESTL Test Report #: PL03642-003
OSQ-A-**-2ME-J-40K-UL w/OSQ-BLSMF
Initial Delivered Lumens: 14,643



OSQ-A-**-2ME-S-40K-UL w/OSQ-BLSLF
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 18,597
Initial FC at grade

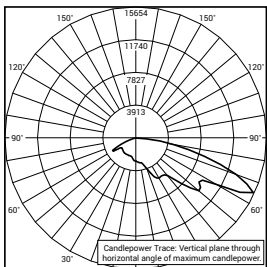
Type II Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
S	18,182	B3 U0 G2	21,696	B3 U0 G3	23,179	B3 U0 G3

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

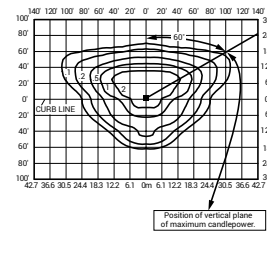
Type II Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
S	15,584	B2 U0 G2	18,597	B3 U0 G2	19,867	B3 U0 G2

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

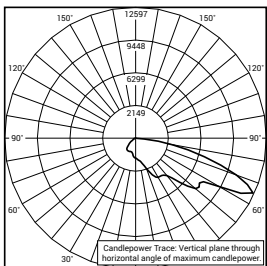
3ME



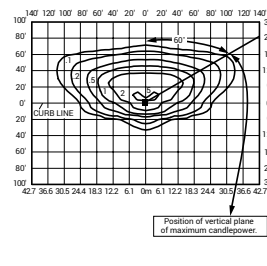
RESTL Test Report #: PL03439-001
OSQ-A-**-3ME-S-40K-UL
Initial Delivered Lumens: 21,013



OSQ-A-**-3ME-S-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 21,475
Initial FC at grade



RESTL Test Report #: PL03642-001
OSQ-A-**-3ME-J-40K-UL w/OSQ-BLSMF
Initial Delivered Lumens: 14,229



OSQ-A-**-3ME-S-40K-UL w/OSQ-BLSLF
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 18,375
Initial FC at grade

Type III Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
S	17,996	B3 U0 G3	21,475	B3 U0 G3	22,942	B3 U0 G3

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

Type III Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
S	15,399	B2 U0 G3	18,375	B2 U0 G3	19,631	B2 U0 G3

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

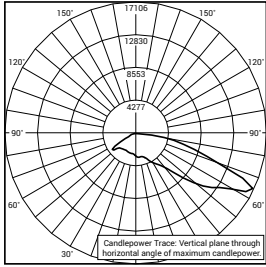


OSQ™ LED Area/Flood Luminaire – Large

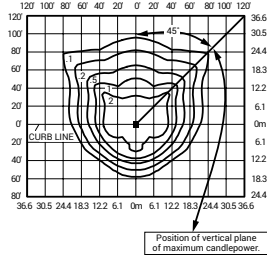
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: www.cree.com/Lighting/Products/Outdoor/Area/OSQ-Series

4ME



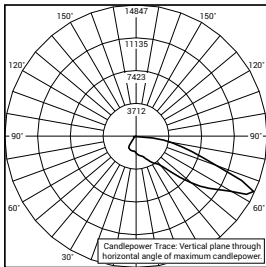
RESTL Test Report #: PL03402-001
OSQ-A-4ME-S-40K-UL**
Initial Delivered Lumens: 20,830



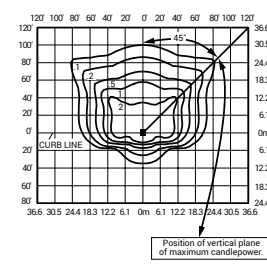
OSQ-A-4ME-S-40K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 21,253
Initial FC at grade

Type IV Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
S	17,811	B3 U0 G3	21,253	B3 U0 G3	22,705	B3 U0 G3

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt



RESTL Test Report #: PL03642-002
OSQ-A-4ME-J-40K-UL w/OSQ-BLSMF**
Initial Delivered Lumens: 13,647

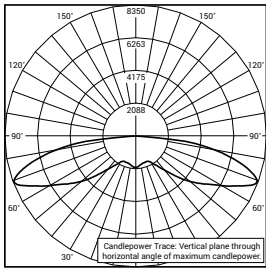


OSQ-A-4ME-S-40K-UL w/OSQ-BLSLF**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 18,154
Initial FC at grade

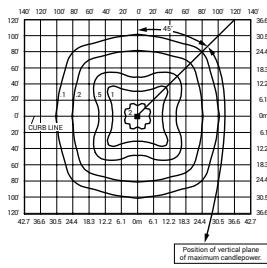
Type IV Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
S	15,213	B2 U0 G3	18,154	B2 U0 G3	19,394	B2 U0 G3

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

5ME



RESTL Test Report #: PL03466-001
OSQ-A-5ME-S-40K-UL**
Initial Delivered Lumens: 20,709

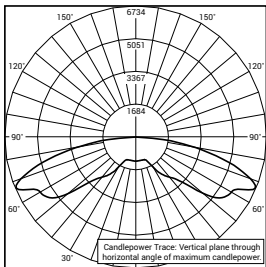


OSQ-A-5ME-S-40K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 20,536
Initial FC at grade

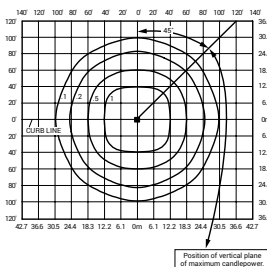
Type V Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
S	17,345	B4 U0 G5	20,536	B5 U0 G5	20,841	B5 U0 G5

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

5SH



RESTL Test Report #: PL03501-001
OSQ-A-5SH-S-40K-UL**
Initial Delivered Lumens: 21,066



OSQ-A-5SH-S-40K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 20,982
Initial FC at grade

Type V Short Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
S	17,722	B4 U0 G4	20,982	B5 U0 G4	21,294	B5 U0 G4

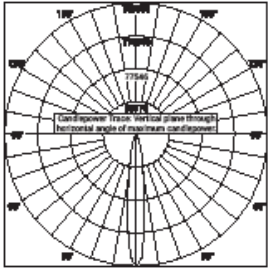
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt



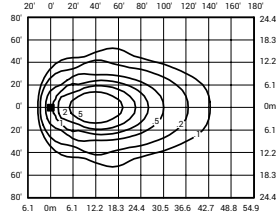
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: www.cree.com/Lighting/Products/Outdoor/Area/OSQ-Series

15D



RESTL Test Report #: PL03903-001
OSQ-A-**-15D-S-40K-UL
Initial Delivered Lumens: 22,600



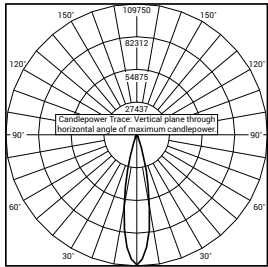
OSQ-A-**-15D-S-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 21,423
Initial FC at grade

15' Flood Distribution

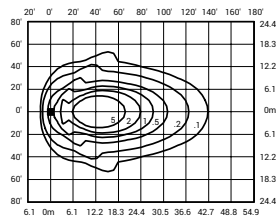
Input Power Designator	3000K	4000K	5700K
	Initial Delivered Lumens*	18,094	21,423

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

25D



RESTL Test Report #: PL03903-002
OSQ-A-**-25D-S-40K-UL
Initial Delivered Lumens: 22,633



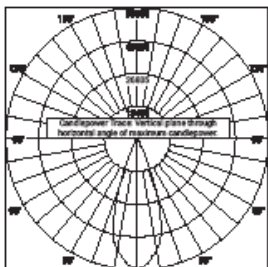
OSQ-A-**-25D-S-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 21,423
Initial FC at grade

25' Flood Distribution

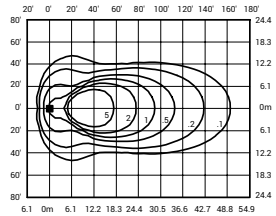
Input Power Designator	3000K	4000K	5700K
	Initial Delivered Lumens*	18,094	21,423

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

40D



RESTL Test Report #: PL03903-003
OSQ-A-**-40D-S-40K-UL
Initial Delivered Lumens: 22,404



OSQ-A-**-40D-S-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 21,200
Initial FC at grade

40' Flood Distribution

Input Power Designator	3000K	4000K	5700K
	Initial Delivered Lumens*	17,906	21,200

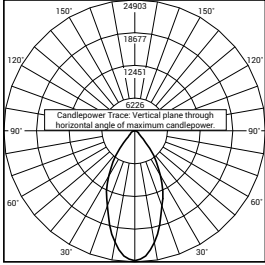
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

OSQ™ LED Area/Flood Luminaire – Large

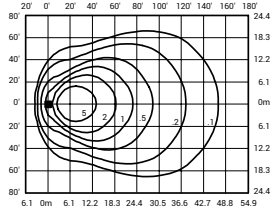
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: www.cree.com/Lighting/Products/Outdoor/Area/OSQ-Series

60D



RESTL Test Report #: PL03903-004
OSQ-A-60D-S-40K-UL
Initial Delivered Lumens: 22,301

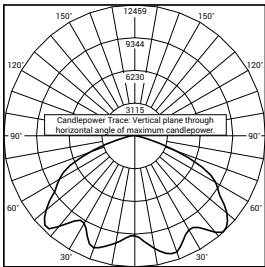


OSQ-A-60D-S-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 21,423
Initial FC at grade

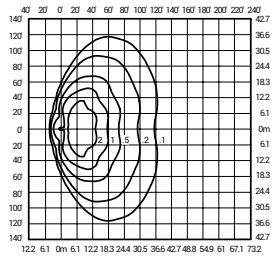
60° Flood Distribution			
Input Power Designator	3000K	4000K	5700K
		Initial Delivered Lumens*	Initial Delivered Lumens*
S	18,094	21,423	21,741

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

WSN



RESTL Test Report #: PL04597-001
OSQ-A-WSN-S-40K-UL
Initial Delivered Lumens: 19,087









OSQ-A-WSN-S-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° tilt
Initial Delivered Lumens: 20,997
Initial FC at grade









Wide Sign Distribution			
Input Power Designator	3000K	4000K	5700K
		Initial Delivered Lumens*	Initial Delivered Lumens*
S	17,734	20,997	21,309

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

OSQ™ LED Area/Flood Luminaire – Large

Luminaire EPA

Fixed Arm Mount – OSQ-DA Weight: 28.5 lbs. (13kg)					
Single	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
					
0.80	1.61	1.26	2.06	1.68	2.52

Adjustable Arm Mount – OSQ-AA Weight: 28.5 lbs. (13kg)							
Single	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	3 @ 180°	4 @ 180°	4 @ 90°
Tenon Configuration (0°-80° Tilt); If used with Cree tenons, please add tenon EPA with Luminaire EPA							
							
PB-1A*; PT-1; PW-1A3**	PB-2A*; PB-2R2.375; PD-2A4(180); PT-2(180); PW-2A3**	PB-2A*; PD-2A4(90); PT-2(90)	PB-3A*; PD-3A4(90); PT-3(90)	PB-3A*; PT-3(120)	PB-3A*; PB-3R2.375	PB-4A*(180)	PB-4A*(90); PB-4R2.375; PD-4A4(90); PT-4(90)
0° Tilt							
0.80	1.61	1.26	2.06	1.68	3.33	4.66	2.52
10° Tilt							
0.81	1.61	1.62	2.42	2.32	4.40	6.08	3.24
20° Tilt							
1.24	1.61	2.04	2.84	3.13	5.68	7.80	4.08
30° Tilt							
1.64	1.64	2.44	3.24	3.97	6.88	9.40	4.88
45° Tilt							
2.20	2.20	3.00	3.80	5.07	8.55	11.64	6.00
60° Tilt							
2.63	2.63	3.43	4.23	5.73	9.84	13.36	6.86
70° Tilt							
2.82	2.82	3.62	4.42	5.73	10.41	14.12	7.24
80° Tilt							
2.93	2.93	3.73	4.53	5.73	10.74	14.56	7.46
Tenon Configuration (90° Tilt); If used with Cree tenons, please add tenon EPA with Luminaire EPA							
PB-1A*; PT-1; PW-1A3**	PB-2A*; PB-2R2.375; PD-2A4(180); PT-2(180); PW-2A3**	PB-2A*	PB-3A*	PB-3A*; PT-3(120)	PB-3A*; PB-3R2.375	PB-4A*(180)	PB-4A*(90); PB-4R2.375
90° Tilt							
2.95	2.95	4.84	6.52	5.73	10.81	14.64	11.19

* Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 4 (4"), 5 (5"), or 6 (6") for quad luminaire orientation
 ** These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6")



Tenon EPA

Part Number	EPA
PB-1A*	None
PB-2A*	0.82
PB-3A*	1.52
PB-4A*(180)	2.22
PB-4A*(90)	1.11
PB-2R2.375	0.92
PB-3R2.375	1.62
PB-4R2.375	2.32
PD Series Tenons	0.09
PT Series Tenons	0.10
PW-1A3**	0.47
PW-2A3**	0.94
WM-2	0.08
WM-4	0.25
WM-DM	None

* Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 4 (4"), 5 (5"), or 6 (6") for quad luminaire orientation
 ** These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6")

Tenons and Brackets [†] (must specify color)	
Square Internal Mount Vertical Tenons (Steel) - Mounts to 3-6" (76-152mm) square aluminum or steel poles PB-1A* – Single PB-4A*(90) – 90° Quad PB-2A* – 180° Twin PB-4A*(180) – 180° Quad PB-3A* – 180° Triple	Round External Mount Vertical Tenons (Steel) - Mounts to 2.375" (60mm) O.D. round aluminum or steel poles or tenons PB-2R2.375 – Twin PB-4R2.375 – Quad PB-3R2.375 – Triple
Square Internal Mount Horizontal Tenons (Aluminum) - Mounts to 4" (102mm) square aluminum or steel poles PD-2A4(90) – 90° Twin PD-3A4(90) – 90° Triple PD-2A4(180) – 180° Twin PD-4A4(90) – 90° Quad	Round External Mount Horizontal Tenons (Aluminum) - Mounts to 2.375" (60mm) O.D. round aluminum or steel poles or tenons - Mounts to square pole with PB-1A* tenon PT-1 – Single (Vertical) PT-3(90) – 90° Triple PT-2(90) – 90° Twin PT-4(90) – 90° Quad PT-2(180) – 180° Twin
Wall Mount Brackets - Mounts to wall or roof WM-2 – Horizontal for OSQ-AA mount WM-4 – L-Shape for OSQ-AA mount WM-DM – Plate for OSQ-DA mount	Mid-Pole Bracket - Mounts to square pole PW-1A3** – Single PW-2A3** – Double

[†] Refer to the [Bracket and Tenons spec sheet](#) for more details

Direct Mount Configurations

Compatibility with OSQ-DA Direct Mount Bracket					
Input Power Designator	2 @ 90°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
3" Square					
S	N/A	✓	N/A	N/A	N/A
3" Round					
S	N/A	✓	N/A	N/A	N/A
4" Square					
S	✓	✓	✓	N/A	✓
4" Round					
S	✓	✓	✓	✓	✓
5" Square					
S	✓	✓	✓	N/A	✓
5" Round					
S	✓	✓	✓	✓	✓
6" Square					
S	✓	✓	✓	N/A	✓
6" Round					
S	✓	✓	✓	✓	✓



Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — These specifications are for USA standards only. Check with factory for Canadian specifications. Round Tapered Aluminum is a general purpose light pole for up to 50-foot mounting heights. This pole provides a lighter and naturally corrosion-resistant option for mounting area light fixtures and floodlights.

CONSTRUCTION — **Pole Shaft:** The pole shaft is of uniform wall thickness and is one-piece extruded 6063 aluminum alloy with T6 temper. The shaft is cone-tapered. Available shaft diameters are 4", 5", 6", 7", 8", and 10".

Pole Top: Options include tenon top, drilled for side mount fixture, tenon with drilling (includes extra handhole) and open top. A cast aluminum top cap is provided for all poles that will receive drilling patterns for side-mount luminaire arm assemblies or when ordered with open top (PT) option. The top cap resists intrusion of moisture and environmental contaminants.

Handhole: 4" - 6" RTA poles have non-reinforced 2" x 4" handhole with overlap cover. 7" - 10" RTA poles have reinforced 4" x 6" handhole with flush surface covers. 4" - 5" RTA poles have handhole located 12" above base. 6" - 10" RTA poles handhole located 18" above base on side A. Poles with non-reinforced handhole have supplemental ground lug with tapped hole for 3/8-16 ground bolt welded inside pole opposite handhole. Poles with reinforced handhole have 5/16-18 tapped hole in handhole reinforcement adjacent to opening. Positioning the handhole lower than standard may not be possible and requires engineering review; consult Tech Support-Outdoor for further information.

Bolt Caps/Base Cover: Pole base plate for RTA poles utilizes cast aluminum A365 bolt caps to cover anchor bolt and nut assembly (included). Spun aluminum covers available as an option.

Anchor Base/Bolts: Anchor base is cast from 356 alloy aluminum and is heat treated to a T6 temper after welding. Anchor bolts are manufactured to ASTM F1554 Standards Grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Upper portion of anchor bolt is galvanized per ASTM A-153; bolts have an "L" bend on bottom end and are galvanized a minimum of 12" on the threaded end. Each hot-dipped galvanized anchor bolt is furnished with two hex nuts and two flat washers.

HARDWARE — All structural and non-structural fasteners are stainless-steel.

FINISH — Extra durable painted finish is coated with polyester powder that meets 5A and 5B classifications of ASTM D3359. Standard powder-coat finishes include Dark Bronze, White, Black, Medium Bronze and Natural Aluminum colors. Classic finishes include Sandstone, Charcoal Gray, Tennis Green, Bright Red and Steel Blue colors. Other finishes include Brushed Aluminum, and Anodized Dark Bronze, Anodized Natural Aluminum and Anodized Black. Architectural Colors and Special Finishes are available by quote and include, but are not limited to RAL Colors, Custom Colors and Extended Warranty Finishes. Factory-applied primer paint finish is available for customer field-paint applications.

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Anchor Base Poles

RTA

ROUND TAPERED ALUMINUM



RTA Round Tapered Aluminum Poles

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: RTA 25 6E DM19 BA

RTA Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness ¹	Mounting ¹	Options	Finish ¹⁰
RTA	8'-50' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.) See technical information table for complete ordering information.)	4C 4" (.125")	Tenon mounting	Shipped installed	Standard colors
		5C 5" (.125")	PT Open top	L/AB Less anchor bolts (Include when anchor bolts are not needed)	DDBXD Dark bronze
		5E 5" (.156")	T20 2-3/8" O.D. (2" NPS)	VD Vibration damper	DWH White
		5G 5" (.188")	T25 2-7/8" O.D. (2-1/2" NPS)	TP Tamper resistant handhole cover fasteners	DBLXD Black
		6E 6" (.156")	T30 3-1/2" O.D. (3" NPS) ²	HAxy Horizontal arm bracket (1 fixture) ^{5,6}	DMB Medium bronze
		6G 6" (.188")	T35 4" O.D. (3-1/2" NPS) ²	FDLxy Festoon outlet less electrical ⁵	DNA Natural aluminum
		7E 7" (.156")	<u>KAC/KAD/KSE/KSF/KVR/KVF Drill mounting³</u>	CPL12/xy 1/2" coupling ⁵	BA Brushed aluminum
		8E 8" (.156")	DM19 1 at 90°	CPL34/xy 3/4" coupling ⁵	Classic colors
		8G 8" (.188")	DM28 2 at 180°	CPL1/xy 1" coupling ⁵	DSS Sandstone
		8J 8" (.250")	DM28PL 2 at 180° with one side plugged	NPL12/xy 1/2" threaded nipple ⁵	DGC Charcoal gray
		9E 9" (.156")	DM29 2 at 90°	NPL34/xy 3/4" threaded nipple ⁵	DTG Tennis green
		9G 9" (.188")	DM32 3 at 120°	NPL1/xy 1" threaded nipple ⁵	DBR Bright red
		10G 10" (.188")	DM39 3 at 90°	EHHxy Extra handhole ^{5,7}	DSB Steel blue
		10J 10" (.250")	DM49 4 at 90°	MAEX Match existing ⁸	Class 1 architectural anodized
				USPOM United States point of manufacture ⁹	ABL Black
				UL UL listed with label (Includes NEC compliant cover)	ADB Dark bronze
				NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled)	ANA Natural
				<u>Shipped separately (replacement kit available)</u>	Architectural Colors and Special Finishes ¹⁰
				(blank) BLTC Bolt caps	Duranodic Anodize, Paint over Duranodic Anodize, RAL Colors, Custom Colors and Extended Warranty Finishes available.
				FBC Full base cover (spun aluminum)	
				(blank) TC Top cap (with drill-mount poles)	
				(blank) HHC Handhole cover	
				<u>RAD drill mounting³</u>	
				DM19RAD 1 at 90°	
				DM28RAD 2 at 180°	
		DM29RAD 2 at 90°			
		DM32RAD 3 at 120°			
		DM39RAD 3 at 90°			
		DM49RAD 4 at 90°			
		<u>AERIS™ Suspend drill mounting^{3,4}</u>			
		DM19AST_ 1 at 90°			
		DM28AST_ 2 at 180°			
		DM29AST_ 2 at 90°			
		DM39AST_ 3 at 90°			
		DM49AST_ 4 at 90°			
		<u>OMERO™ Suspend drill mounting^{3,4}</u>			
		DM19MRT_ 1 at 90°			
		DM28MRT_ 2 at 180°			
		DM29MRT_ 2 at 90°			
		DM39MRT_ 3 at 90°			
		DM49MRT_ 4 at 90°			

NOTES:

- Wall thickness will be signified with a "C", "E", "G" or a "J" in nomenclature. "C" - 0.125 | "E" - 0.156 | "G" - 0.188 | "J" - 0.250.
- PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
- Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
- Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
- Specify location and orientation when ordering option.
For "x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".
Example: 5ft = 5 and 20ft 3in = 20-3
For "y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.
Example: 1/2" coupling at 5' 8", orientation C = CPL12/5-8C
- Horizontal arm is 18" x 2-3/8" O.D. tenon standard with radius curve providing 12' rise. If ordering two horizontal arm at the same height, specify with HAxy. Example: HA20BD
- Combination of tenon-top and drill mount includes extra handhole.
- Must add original order number of existing pole(s).
- Use when mill certifications are required.
- Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Available by formal quote only, consult factory for details.

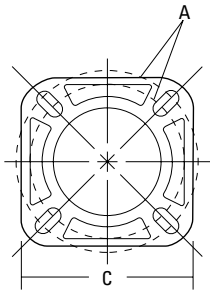
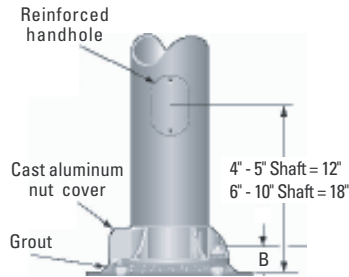
RTA Round Tapered Aluminum Poles

TECHNICAL INFORMATION — EPA (ft ²) with 1.3 gust									
Catalog number	Nominal mount ht. (ft) *	Pole shaft size (in x ft)	Wall thick (in)	80 mph	90 mph	100 mph	Max. weight	Bolt size (in. x in. x in.)	Approximate ship (lbs.)
RTA 20 5C	20	5 x 3 x 19.66	0.125	3.9	2.5	1.6	100	.75 x 18 x 3	62
RTA 20 5G	20	5 x 3 x 19.66	0.188	7.4	5.2	3.8	100	.75 x 18 x 3	72
RTA 20 6G	20	6 x 4 x 19.66	0.188	12.2	9.2	7.2	214	.75 x 30 x 3	107
RTA 20 7E	20	7 x 4 x 19.66	0.156	15.0	11.4	9.0	256	1 x 36 x 4	103
RTA 25 6E	25	6 x 4 x 24.66	0.156	5.3	3.6	2.6	114	.75 x 30 x 3	106
RTA 25 7E	25	7 x 4 x 24.66	0.156	9.5	7.0	5.4	162	1 x 36 x 4	120
RTA 25 8E	25	8 x 4.5 x 24.66	0.156	14.2	10.9	8.5	220	1 x 36 x 4	130
RTA 25 8G	25	8 x 4.5 x 24.66	0.188	18.0	13.8	10.9	261	1 x 36 x 4	153
RTA 30 7E	30	7 x 4 x 29.66	0.156	5.5	3.8	2.7	111	1 x 36 x 4	135
RTA 30 8E	30	8 x 4.5 x 29.66	0.156	9.4	7.0	5.3	151	1 x 36 x 4	150
RTA 30 8G	30	8 x 4.5 x 29.66	0.188	12.4	9.4	7.3	179	1 x 36 x 4	175
RTA 30 10G	30	10 x 6 x 29.66	0.188	23.8	18.3	14.3	377	1 x 40 x 4	235
RTA 35 8E	35	8 x 4.5 x 34.66	0.156	5.8	4.1	2.9	119	1 x 36 x 4	185
RTA 35 8G	35	8 x 4.5 x 34.66	0.188	8.3	6.0	4.5	141	1 x 36 x 4	220
RTA 35 8J	35	8 x 4.5 x 34.66	0.250	12.9	9.7	7.5	183	1 x 36 x 4	251
RTA 35 10G	35	10 x 6 x 34.66	0.188	17.9	13.6	10.4	295	1 x 40 x 4	268
RTA 39 8G	39	8 x 4.5 x 38.66	0.188	5.6	3.9	2.7	122	1 x 36 x 4	250
RTA 39 8J	39	8 x 4.5 x 38.66	0.250	9.7	7.1	5.4	158	1 x 36 x 4	280
RTA 39 10G	39	10 x 6 x 38.66	0.188	14.2	10.5	7.8	253	1 x 40 x 4	295
RTA 39 10J	39	10 x 6 x 38.66	0.250	20.4	15.5	11.9	300	1.25 x 48 x 5	373
RTA 50 10J	50	10 x 6 x 49.66	0.250	12.5	9.1	6.5	300	1.25 x 48 x 5	447

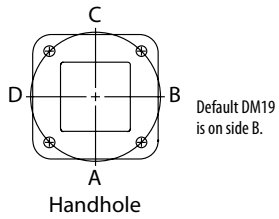
*EPA values are based ASCE 7-93 wind map. For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

RTA Round Tapered Aluminum Poles

BASE DETAIL



HANDHOLE ORIENTATION



POLE DATA							
4-Bolt Base	Shaft base size	Bolt circle A	Bolt projection B	Base square	Base plate thickness	Template description	Anchor bolt description
	5"	7.75" - 8"	3.25"	9.61"	0.630"	ABTEMPLATE PJ50032	AB18-0
	6"	9" - 10"	3.50"	10.32"	0.630"	ABTEMPLATE PJ50033	AB30-0
	7"	10.13" - 11"	4.13"	11.26"	0.750"	ABTEMPLATE PJ50034	AB36-0
	8"	11.26" - 12"	4.13"	12.05"	0.750"	ABTEMPLATE PJ50035	AB36-0
	9"	12.50" - 14"	4.13"	12.48"	1.250"	Manufacturer Provided	AB36-0
	10"G	14" - 15"	4.75"	14"	1.250"	ABTEMPLATE PJ50036	AB40-0
	10"J	14" - 15"	5.25"	14"	1.250"	ABTEMPLATE PJ50063	AB48-0

IMPORTANT INSTALLATION NOTES:

- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use factory template.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.



WOODMAN'S MARKETS

EMPLOYEE OWNED

GAS & LUBE

3817 MILWAUKEE STREET
MADISON, WI 53714

SHEET INDEX

- X EXTERIOR FINISH KEYS
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- 2 GAS & LUBE ELEVATIONS AND SIGNAGE
- 3 GAS & LUBE PERSPECTIVES
- 4 FUEL CANOPY ELEVATIONS AND SIGNAGE
- 5 FUEL CANOPY PERSPECTIVE
- 6 CAR WASH ELEVATIONS AND SIGNAGE
- 7 CAR WASH PERSPECTIVES
- 8 MONUMENT SIGN ELEVATIONS AND PERSPECTIVES
- 9 ENLARGED SIGNAGE
- 10 ENLARGED SIGNAGE
- 11 EXISTING BILLBOARD PERSPECTIVES
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- 13 DUMPSTER ENCLOSURE AND EQUIPMENT



THESE RENDERINGS ARE AN ARTIST'S CONCEPTION AND ARE NOT INTENDED FOR USE AS CONSTRUCTION DOCUMENTS



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








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5972 Executive Drive
Suite 100
Madison, WI 53719
608.276.4400








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EXTERIOR FINISH KEY





GAS & LUBE

-  (A) Face Brick #1 (Light)
Bowerston Shale Co., #43 Utility
-  (B) Face Brick & Inset #2 (Dark)
Interstate Brick, L-4 Copperstone
-  (C) Cast Stone (Natural)
Big River Cast Stone Inc., #8-19
-  (D) Sheet Metal Trim
Brite Red
-  (E) Aluminum Composite Material
Brite Red
-  (F) Aluminum Composite Material
Platinum
-  (G) Aluminum Composite Material
Pewter
-  (H) Aluminum Composite Material
Bone White
-  (J) Storefront Glass
Clear
-  (K) Storefront Glass
Spandrel

CAR WASH

-  (A) Face Brick #1 (Light)
Bowerston Shale Co., #43 Utility
-  (B) Face Brick & Inset #2 (Dark)
Interstate Brick, L-4 Copperstone
-  (C) Cast Stone (Natural)
Big River Cast Stone Inc., #8-19
-  (D) Sheet Metal Trim
Brite Red
-  (G) Aluminum Composite Material
Pewter
-  (H) Aluminum Composite Material
Bone White
-  (J) Storefront Glass
Clear

FUEL CANOPY

-  (B) Face Brick & Inset #2 (Dark)
Interstate Brick, L-4 Copperstone
-  (C) Cast Stone (Natural)
Big River Cast Stone Inc., #8-19
-  (D) Sheet Metal Trim
Brite Red
-  (H) Aluminum Composite Material
Bone White



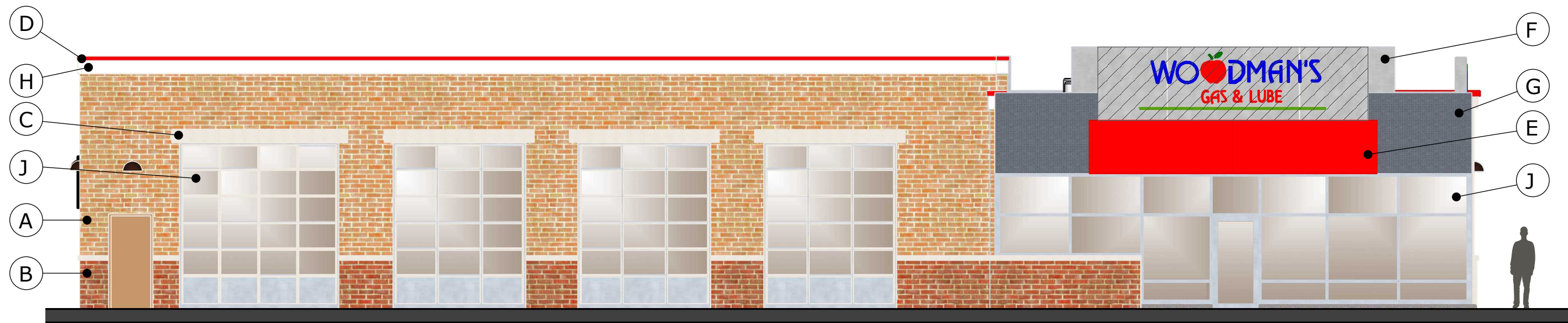
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MADISON EAST GAS & LUBE

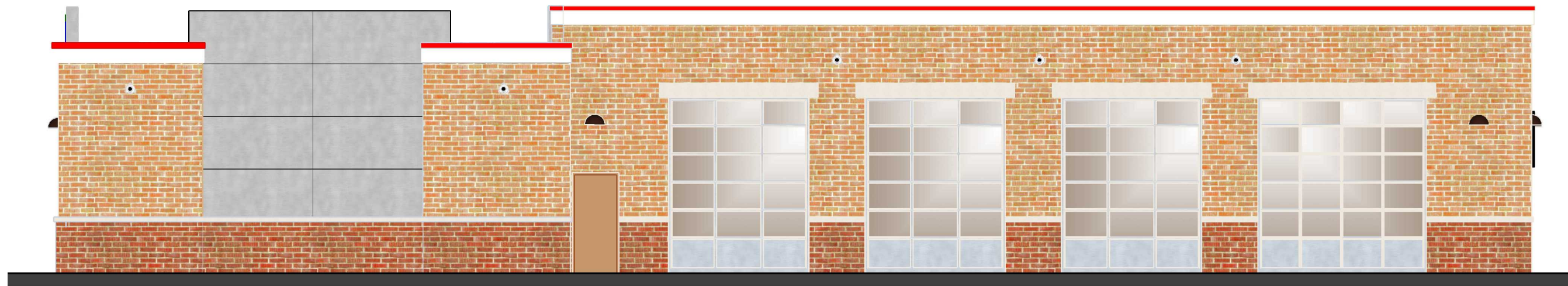


Date: 2-5-20



GAS & LUBE EAST ELEVATION 1/8" = 1'-0"

210 sf	SIGNABLE AREA	
35 sf	"WOODMAN'S"	
10 sf	"GAS & LUBE"	
2 sf	STRIPE	
47 sf	TOTAL SIGN AREA	
22%	OF TOTAL SIGNABLE AREA	



GAS & LUBE WEST ELEVATION 1/8" = 1'-0"



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MADISON EAST GAS & LUBE



Date: 12-18-19
Revised: 2-5-20



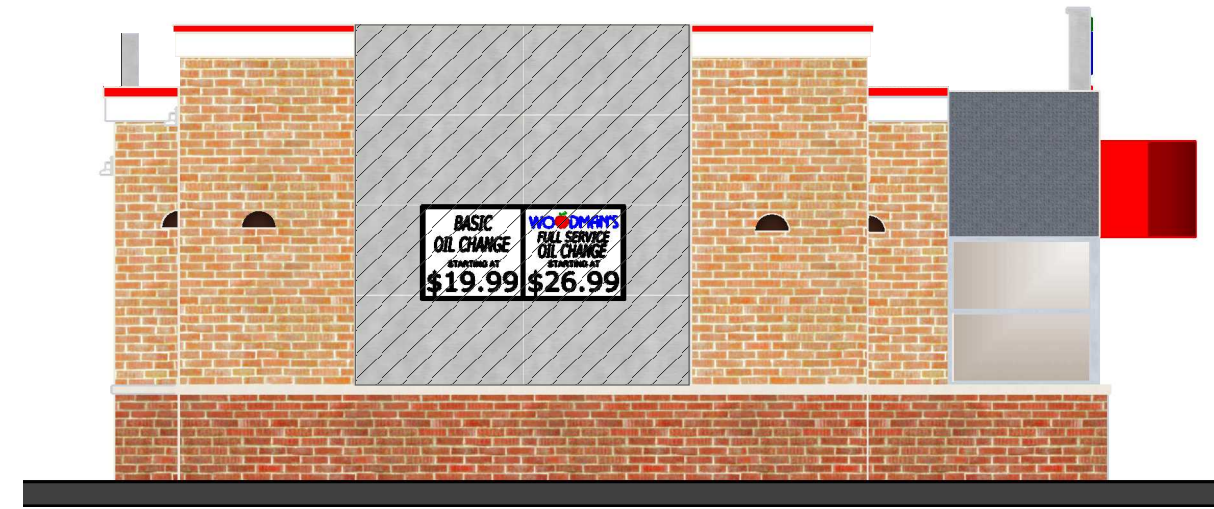
GAS & LUBE NORTH ELEVATION 1/8" = 1'-0"

88 sf **SIGNABLE AREA** 
 28 sf "WOODMAN'S"
 7 sf "GAS & LUBE"
 2 sf **STRIPE**
 37 sf **TOTAL SIGN AREA**
 42% **OF TOTAL SIGNABLE AREA**



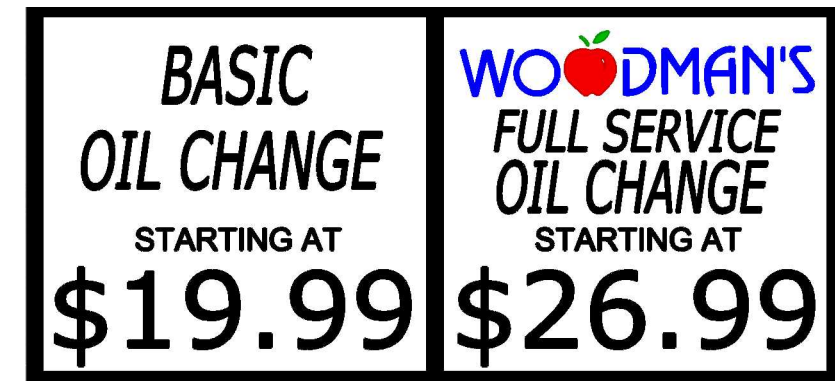
BLACKLIT LED

WOODMAN'S GAS AND LUBE BUILDING SIGN 3/8" = 1'-0"



GAS & LUBE SOUTH ELEVATION 1/8" = 1'-0"

210 sf **SIGNABLE AREA** 
 34 sf **OIL CHANGE SIGN**
 34 sf **TOTAL SIGN AREA**
 16% **OF TOTAL SIGNABLE AREA**



INTERNALLY ILLUMINATED

WOODMAN'S OIL CHANGE SIGN 1/2" = 1'-0"



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MADISON EAST GAS & LUBE



Date: 12-18-19
 Revised: 2-5-20



GAS & LUBE NORTH PERSPECTIVE



GAS & LUBE NORTHWEST PERSPECTIVE



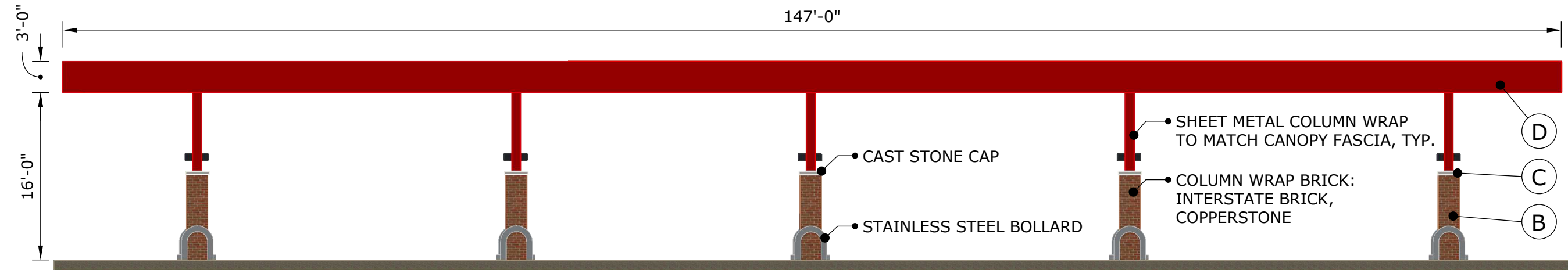
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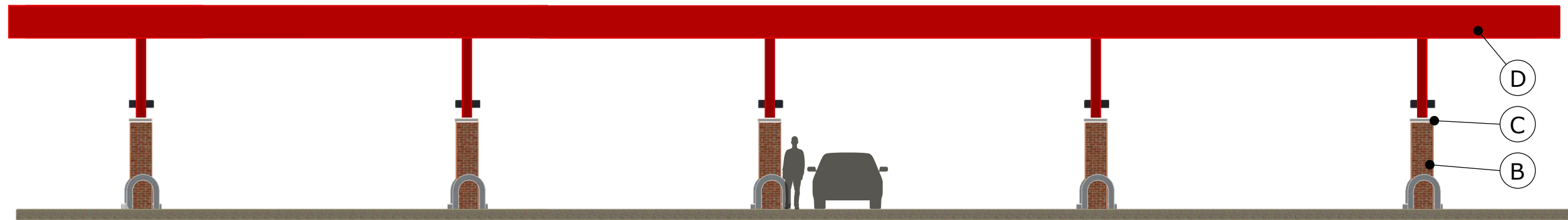
MADISON EAST GAS & LUBE

3

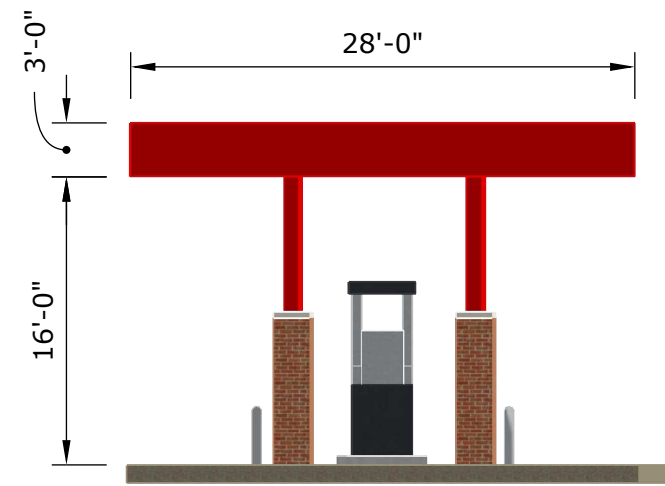
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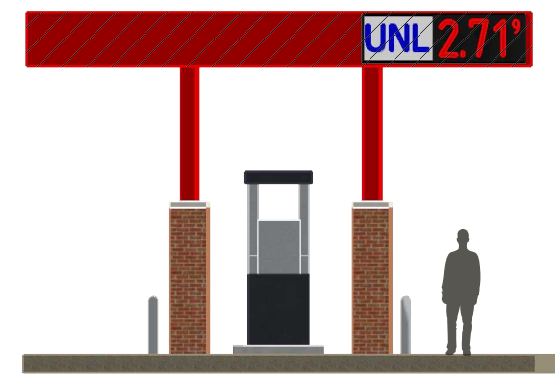
FUEL CANOPY WEST ELEVATION 3/32" = 1'-0"



FUEL CANOPY EAST ELEVATION 3/32" = 1'-0"

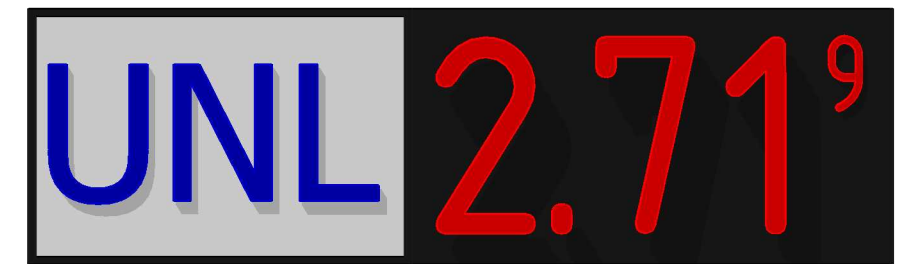


FUEL CANOPY NORTH ELEVATION 3/32" = 1'-0"



FUEL CANOPY NORTH ELEVATION 3/32" = 1'-0"

75 sf **SIGNABLE AREA**
 24 sf **PRICER SIGN**
 24 sf **TOTAL SIGN AREA**
 34% **OF TOTAL SIGNABLE AREA**



NOTE: SIGN IS INTERALLY ILLUMINATED

PRICER SIGN 1/2" = 1'-0"





FUEL CANOPY PERSPECTIVE



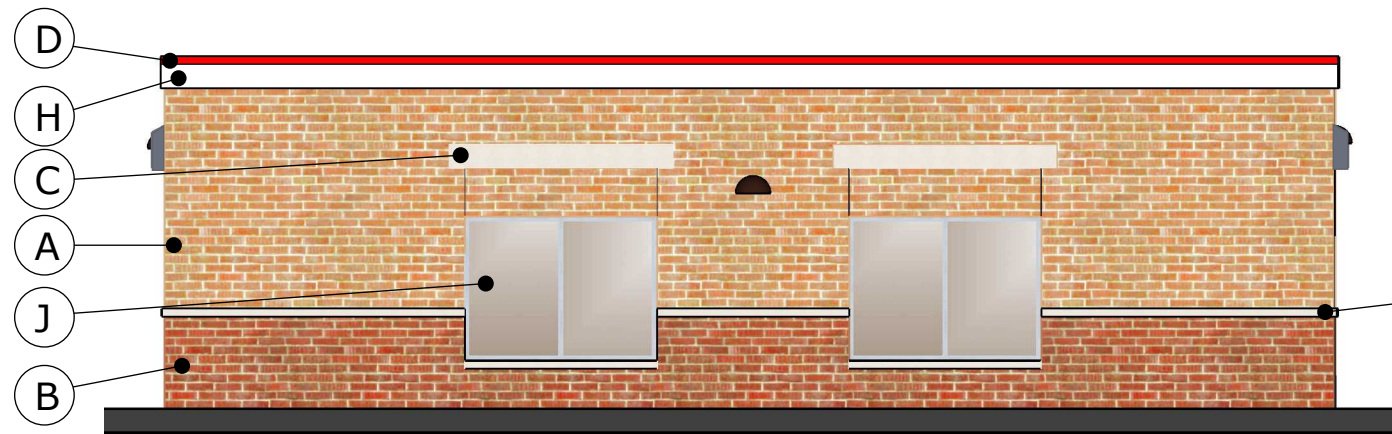
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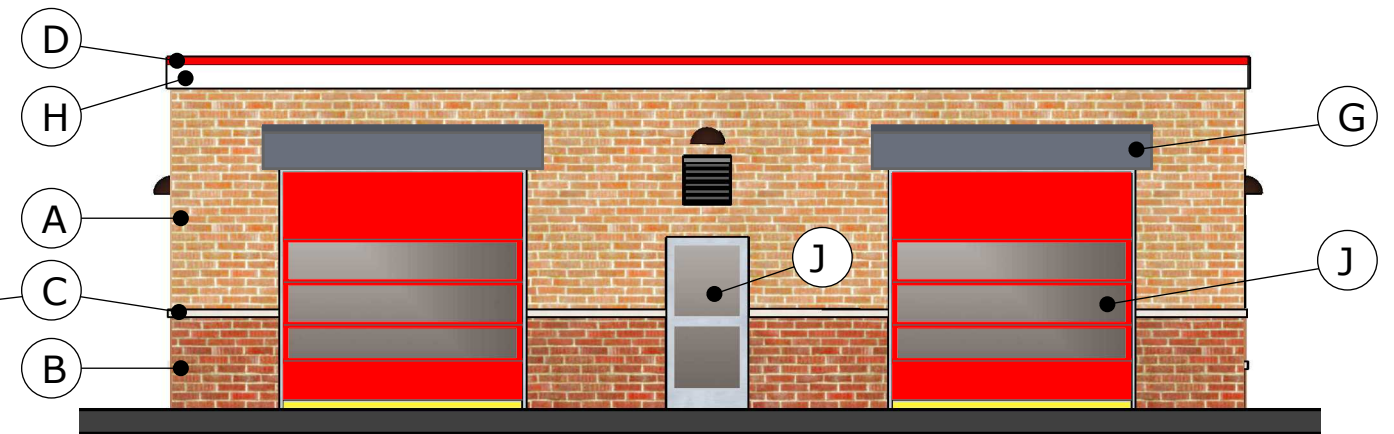
MADISON EAST GAS & LUBE

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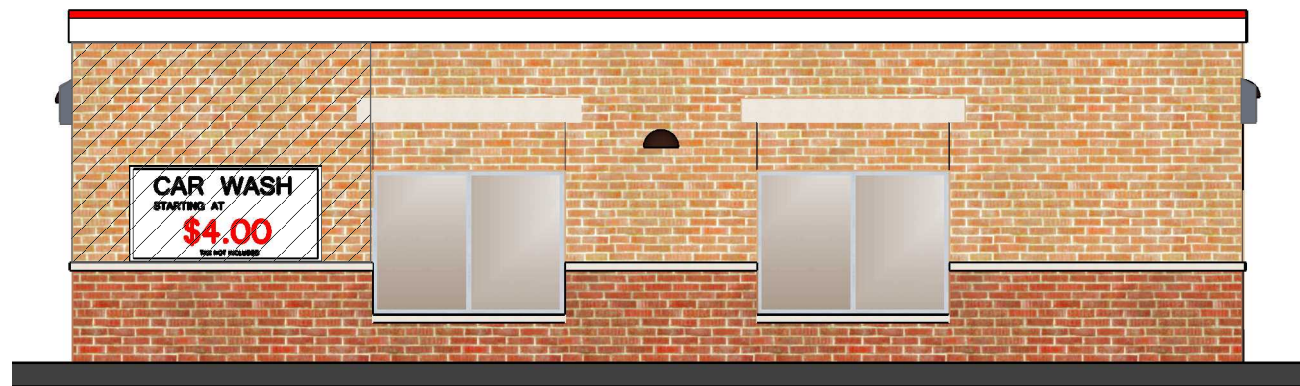
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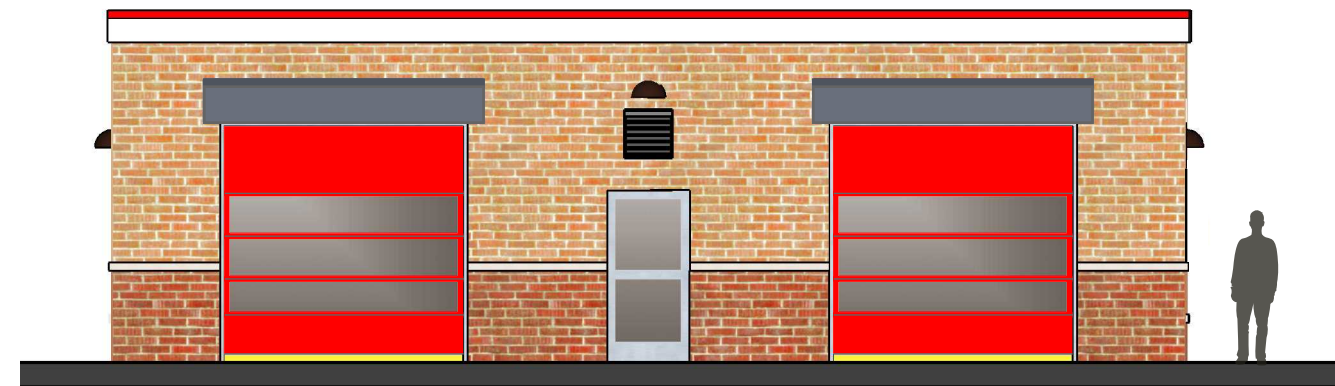
CAR WASH EAST ELEVATION 1/8" = 1'-0"



CAR WASH SOUTH ELEVATION 1/8" = 1'-0"



CAR WASH WEST ELEVATION 1/8" = 1'-0"



CAR WASH NORTH ELEVATION 1/8" = 1'-0"



INTERNALLY ILLUMINATED
CAR WASH SIGN 3/8" = 1'-0"

108 sf **SIGNABLE AREA** 
32 sf **CAR WASH SIGN**
32 sf **TOTAL SIGN AREA**
29% **OF TOTAL SIGNABLE AREA**



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MADISON EAST GAS & LUBE



Date: 12-18-19
Revised: 2-5-20



CAR WASH PERSPECTIVE



CAR WASH PERSPECTIVE



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MADISON EAST GAS & LUBE

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Date: 12-18-19
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VIEW OF GROUND SIGN LOOKING WEST

1/4" = 1'-0"



VIEW OF GROUND SIGN LOOKING EAST

1/4" = 1'-0"



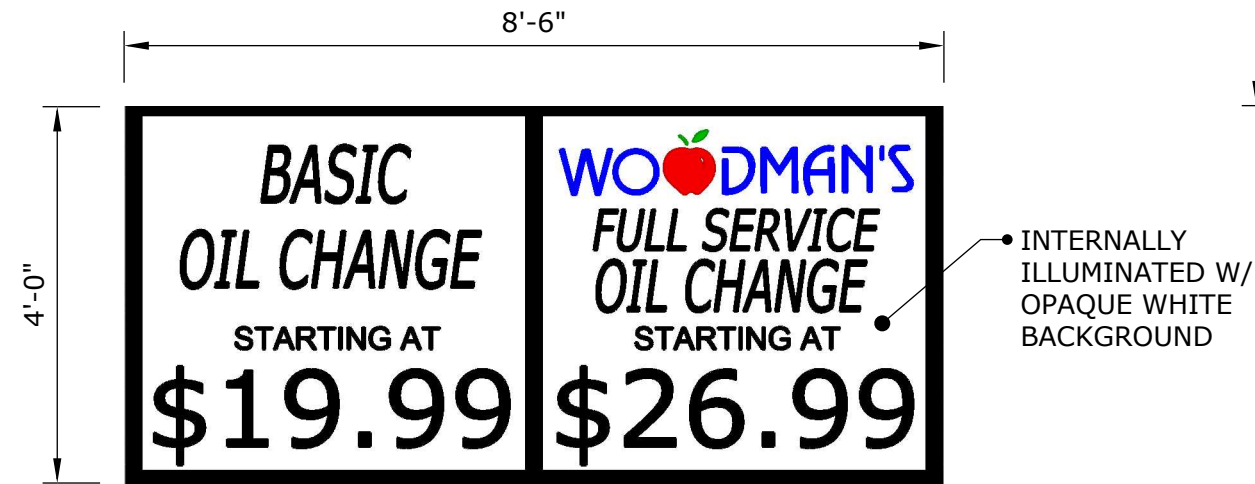
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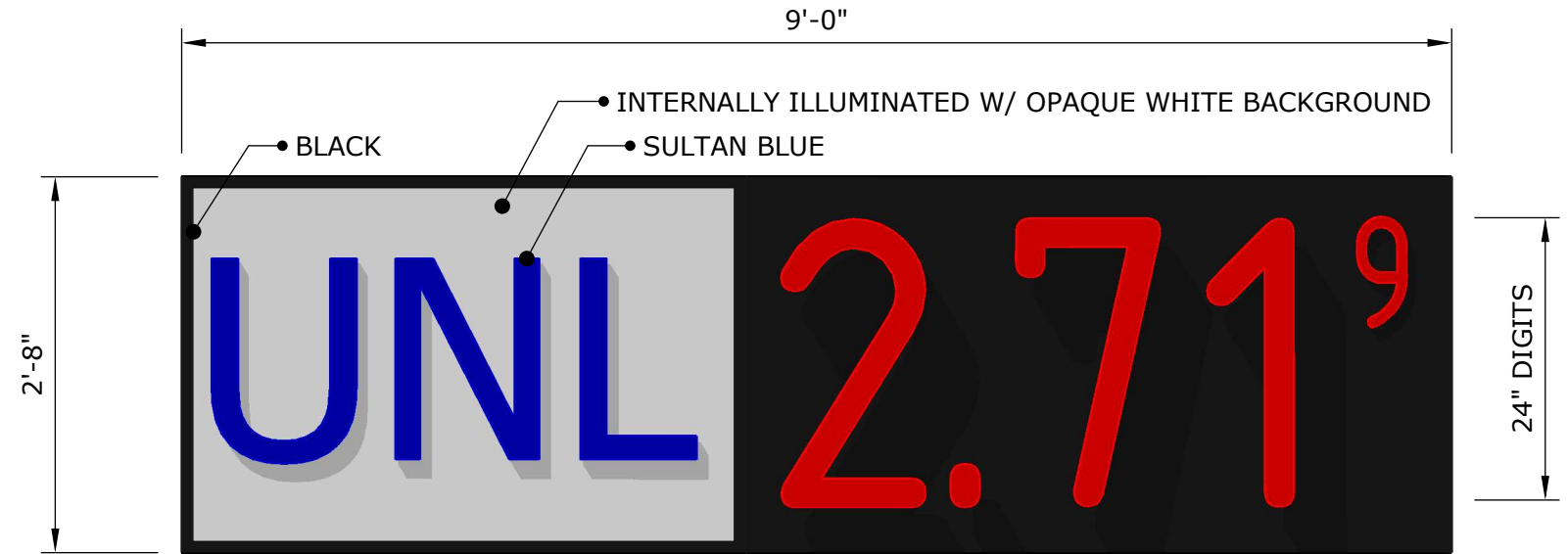
MADISON EAST GAS & LUBE



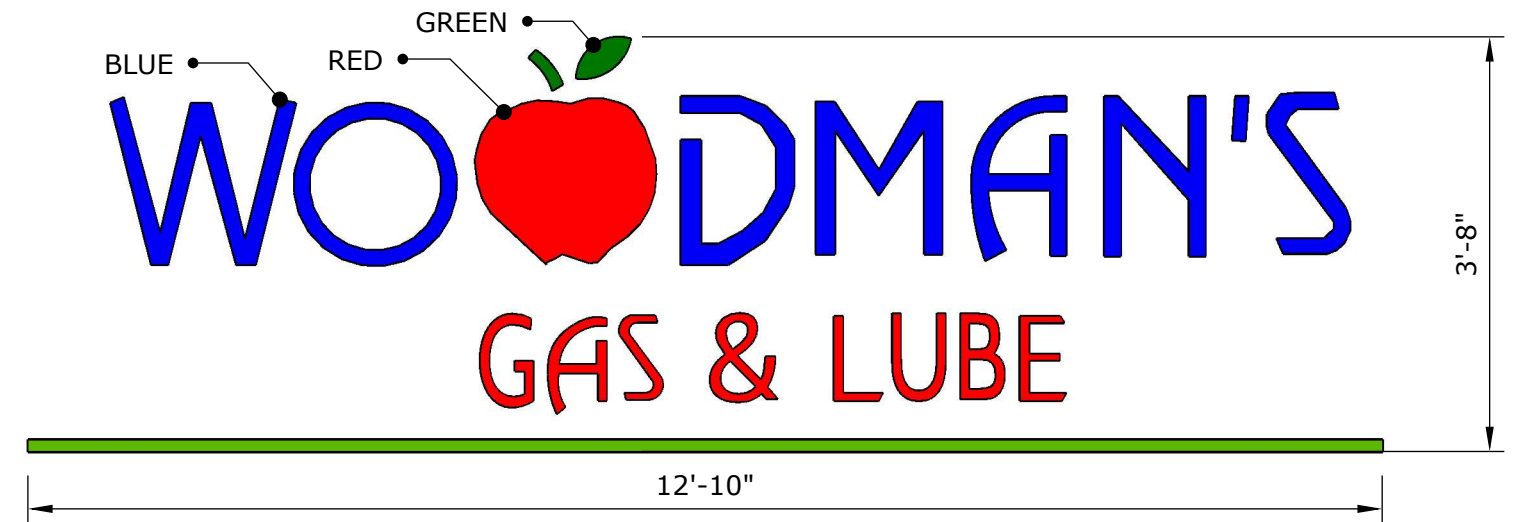
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INTERNALLY ILLUMINATED
OIL CHANGE SIGN 1/2" = 1'-0" AREA: 34 ft. sq.



INTERNALLY ILLUMINATED
PRICER SIGN 3/4" = 1'-0" AREA: 24 ft. sq.



BACKLIT LED
WOODMAN'S GAS & LUBE BUILDING SIGN 1/2" = 1'-0" AREA: 47 ft. sq.



MADISON EAST GAS & LUBE



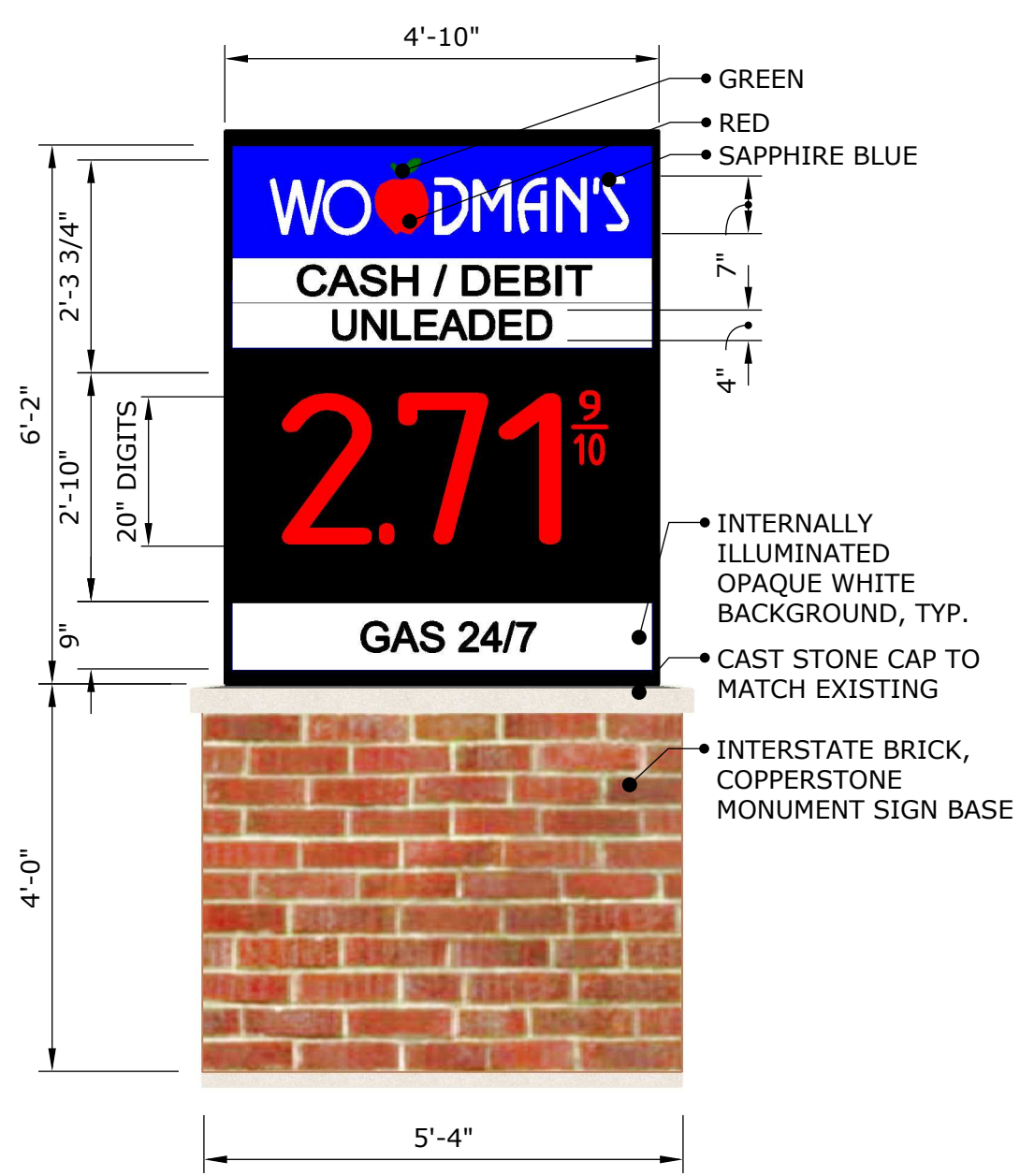
Date: 12-18-19
Revised: 2-5-20



INTERNALLY ILLUMINATED

CAR WASH SIGN 1/2" = 1'-0"

AREA: 32 ft. sq.



NOTE: SIGN IS INTERALLY ILLUMINATED

WOODMAN'S DOUBLE-SIDED GROUND SIGN 1/2" = 1'-0" AREA: 30 ft. sq.



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Date: 12-18-19
Revised: 2-5-20



VIEW OF EXISTING BILLBOARD LOOKING EAST



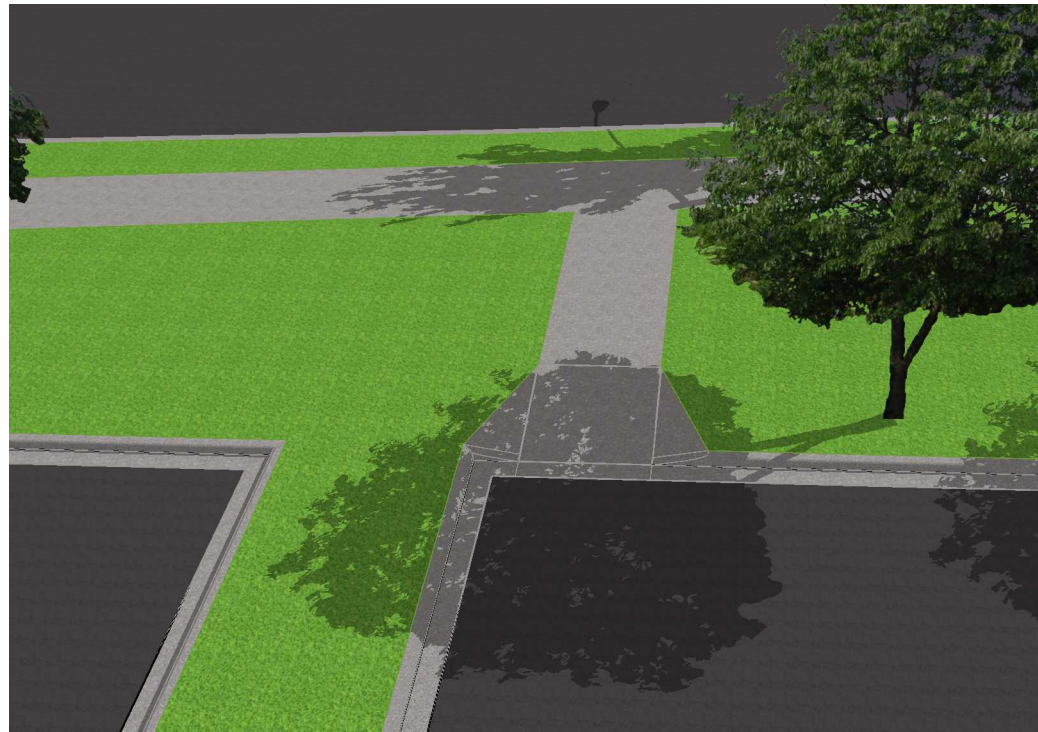
VIEW OF EXISTING BILLBOARD LOOKING WEST



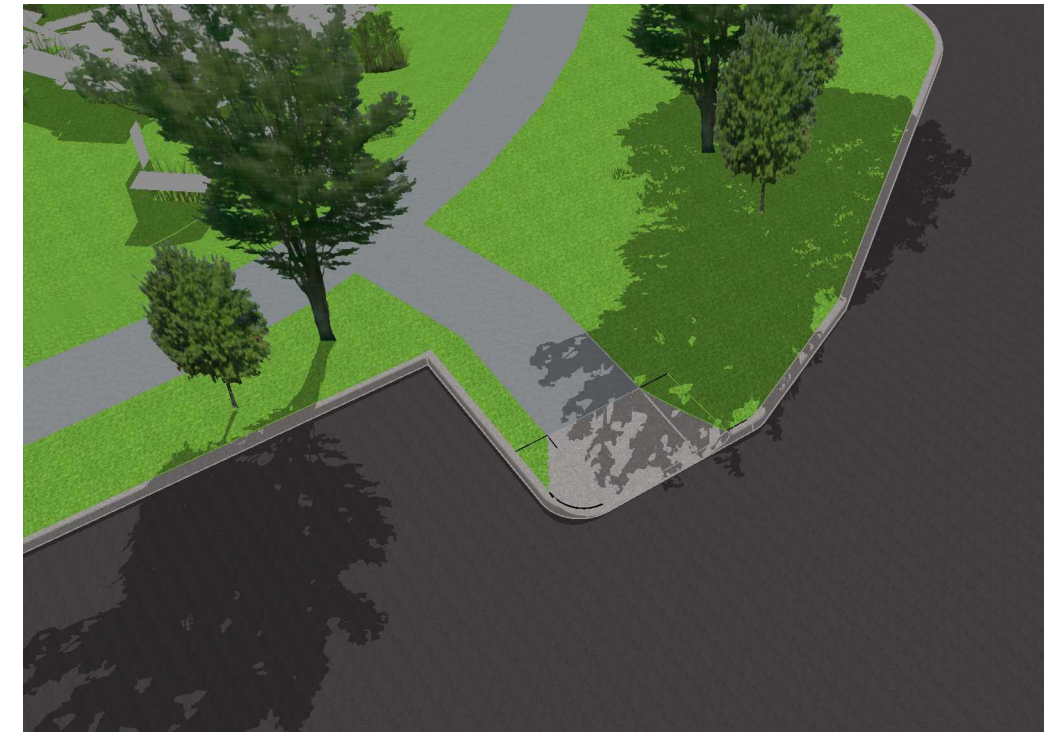
VIEW OF SOUTH-EAST ACCESS



VIEW OF GAS & LUBE ACCESS



VIEW OF NORTH LOT ACCESS



VIEW OF WEST LOT ACCESS



FoxArneson



MADISON EAST GAS & LUBE

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Date: 12-18-19
Revised: 2-5-20



DUMPSTER ENCLOSURE



LUBE BUILDING EQUIPMENT