

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



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.

FOR OFFICE USE ONLY:

Paid _____ Receipt # _____

Date received _____

Received by _____

Aldermanic District _____

Zoning District _____

Urban Design District _____

Submittal reviewed by _____

Legistar # _____

RECEIVED

6/3/2020

11:10 a.m.

1. Project Information

Address: _____

Title: _____

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

UDC meeting date requested _____

- | | |
|--|---|
| <input type="checkbox"/> New development | <input type="checkbox"/> Alteration to an existing or previously-approved development |
| <input type="checkbox"/> Informational | <input type="checkbox"/> Initial approval <input type="checkbox"/> 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**
- ☐ **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.

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

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



VANDEWALLE & ASSOCIATES INC.

June 3rd, 2020

Heather Stouder
Department of Planning & Development
City of Madison
215 Martin Luther King, Jr. Blvd.
Madison, WI 53710-2985

RE: 6003 Gemini Drive
Grandview Commons Town Center – B Block

Dear Heather,

The following document and illustrative graphics outline the proposed zoning, building plan, & site plan for the development of the B Block Addition to the Grandview Commons Town Center. This submittal builds upon and extends the existing mixed residential neighborhood town center and adds further diversity of housing that connects with the surrounding neighborhood fabric.

This project is consistent with the Sprecher Neighborhood Plan and the Comprehensive Plan guidelines for diverse, interconnected neighborhoods.

We look forward to working with the City on the review and implementation of the B Block addition.

Sincerely,

Brian Munson
Principal

Amended PUD: GDP/ SIP: Neighborhood Center Mixed Use District

Project Overview

This proposed GDP/SIP will amend the unbuilt portion of the B Block.

The new concept includes a mixed used building that will fit in with the built B-5 building and parking lot and complete the final pieces of this town center block. This project maintains the character of the area and will blend in seamlessly with the rest of the town center. Once complete, this will help enhance the goal of the full town center to create a walkable mixed-use district for residents, in keeping with the adopted Grandview Commons PUD:GDP, which calls for “an integrated mixture of neighborhood scale commercial, office, and walkable retail components that will supply the day-to-day goods and services for neighborhood residents”.

The following section outlines the rezoning application for the Grandview Commons Town Center B Block and requests amendment Planned Unit Development: General Development Plan, per the City of Madison Zoning Ordinance.

Project Name:

Grandview Commons Town Center: B Block

Project Owner/Applicant:

Dan Brinkman
DSI Real Estate Inc.
Greyrock at Grandview LLC
100 River Place
Madison, WI 53716
Phone: 608.226.3061
pdanlb@dsirealestate.com

Design Team:

Architecture
JLA Architects
800 W. Broadway, Suite 200
Monona, WI 53713
Phone: 608.241.9500
Adam Fredendall
afredendall@jla-ap.com

Planning
Vandewalle & Associates
120 East Lakeside Street
Madison, WI 53715
Phone: 608.255.3988
Brian Munson
bmunson@vandewalle.com

Engineering/Landscape Architecture
D'Onofrio Kottke
7530 Westward Way
Madison, WI 53717
Phone: 608.833.7530
Dan Day
dday@donofrio.cc

Project Information:

Address/PIN:

| | |
|-------------------|--------------|
| 6051 Gemini Drive | 071011225086 |
| 6035 Gemini Drive | 071011225044 |
| 6019 Gemini Drive | 071011225052 |
| 6003 Gemini Drive | 071011225060 |

Information:

| | |
|----------------------------------|---|
| Aldermanic District: | District 3: Alder Lindsay Lemmer |
| Neighborhood Association: | Northstar Neighborhood |
| Alder/Neighborhood Notification: | April 8, 2020 |
| Neighborhood Meeting: | May 14, 2020 |
| Legal Description: | See Exhibit A |
| Lot Area: | 2.0 Acres |
| Existing Land Use: | Undeveloped Land |
| Existing Zoning: | Planned Unit Development: General Development Plan Neighborhood Center Mixed Use 1 & 3 |
| Comprehensive Plan Designation: | Neighborhood Mixed Use (NMU) |
| Neighborhood Plan Designation: | Sprecher Neighborhood Plan |
| Surrounding Uses: | |
| North: | Mixed Residential (Grandview Commons) |
| East: | Commercial (Grandview Commons) |
| South: | Cottage Grove Road Single Family Residential (Richmond Hill) Schoenstatt Sisters of Mary Property |
| West: | Mixed Use (Grandview Commons) |
| Development Schedule: | 2020 Construction Commencement |

Amended PUD:GDP Neighborhood Center Mixed Use

The town center redesign will include the unbuilt portions of the B-Block to complete the existing Neighborhood Center Mixed-Use District within Grandview Commons. This revised district will allow for additional commercial and residential spaces to continue the integration of residential uses while implementing the walkable mixed-use town center.

Development Descriptions:

Overall Development Concept

The Grandview Commons Town Center is proposed as a mixed-use district featuring pedestrian-oriented walkable retail and neighborhood serving commercial uses while balancing vehicular access, scale, and character. The B Block is set along the retail street network of the North Star Drive/Sharpsburg Drive Village Green frontages and the Gemini Drive extension. It will offer first floor retail/commercial uses and upper story residential uses with a vibrant neighborhood scaled urban setting. The redevelopment of the B Block will enhance the existing structure of the Neighborhood Center and offer additional diverse housing and commercial opportunities.



Zoning Text

| | |
|--|--|
| <u>Permitted Uses:</u> | 153 residential units 5,800 square feet of retail/service Outdoor seating for retail uses |
| <u>Total Net Lot Area:</u> | 2.00 acres |
| <u>Yard & Building Requirements:</u> | As Shown on adopted SIP Plans |
| <u>Useable Open Space:</u> | As shown on adopted SIP plans. |
| <u>Off-Street Parking & Loading:</u> | 198 Underground stalls 90 Surface Stalls TBD Bike Parking stalls |
| <u>Definition of Family:</u> | The definition of family is the definition outlined in Section 28.03(2) Madison General Ordinances for the TR-U1 district of the Zoning Code. |
| <u>Alterations and Revisions:</u> | No alterations or revisions of this planned unit development shall be permitted unless approved by the City Plan Commission; however, the Zoning Administrator may issue permits for minor alterations or additions which are approved by the Director of Planning and Development and the alderperson of the district and are compatible with the concept approved by the City Plan Commission. |

Exhibit A: Legal Descriptions

Lots 1009, 1010, 1011 and 1013, Grandview Commons Replat No. 3, recorded in Volume 60-057A of Plats on pages 298-299 as Document Number 5245235, in the Dane County Register of Deeds Office, located in the SE1/4 of the NW1/4 of Section 11, T7N, R10E, City of Madison, Dane County, Wisconsin.
Containing 87,060 square feet.



JLA
ARCHITECTS

JLA ARCHITECTS + PLANNERS

800 W. Broadway - Suite 200

Madison, Wisconsin 53713

www.jla-ap.com

PROJECT NARRATIVE INFORMATION SHEET

COMPLETED BY: DJZ 05/20/2020

PROJECT: GRAND VIEW COMMONS TOWN CENTER

OWNER: Richard Hanzel Real-Estate Services
Mr. Dick Hanzel

LOCATION: River Place Professional Center One
730 Aztalan Drive
Madison, WI 53718

TIMELINE: Construction is expected to begin in the Spring/ summer of 2021 with completion in Fall 2022

SIZE: Building site is approximately 2.75 acres in size.
There will be (1) 6-story building @ 166,108 GSF.
There will be 153 units (+/-) with 2 retail spaces.
The two retail spaces will total approximately 5,800 sf.
There will be a leasing space, a fitness center and a clubroom.

TYPE OF BUILDING / OCCUPANCY: TYPE 3- six stories:
The development will be a mixed use, multi-family project with 2 retail spaces with leasing office, fitness center and clubroom support spaces.

CHALLENGES : Challenges will involve the removal of bedrock in order to provide (198) covered parking stalls for residents.

OPPORTUNITIES: The project provides an opportunity to create a unique, high quality development with an urban feel that provides a feeling of community for its occupants. There will also be connections to adjacent neighborhood retail establishments and a common green space. In addition, it provides good access to mass transit as well as conventional means of transportation.

ANYTHING UNIQUE: There is a generous variety of outdoor seating areas (both covered and uncovered) that are well-defined by landscape, art and water features. In addition, an existing 100 year+ tree is being maintained and integrated into a multiuse plaza/amphitheater space.
(Features, Amenities, Materials, Technologies, etc.)

PROJECT NARRATIVE

The residential building will have 2 levels of underground parking beneath, and wood frame construction above that is set on a precast concrete diaphragm. Flat roof construction will be used that incorporates a roofing membrane system. The exterior of the buildings will be a mixture of masonry, fieldstone, composite siding and composite panel products. Exterior windows and doors for the units will be of composite material with low-e glass. Retail spaces and common entries will have aluminum store front glazing. Building masses are broken up horizontally and vertically with projecting and recessed planes and building elements (balconies, signage walls, etc.). The variety in materials and massing achieves an overall unified look with a strong horizontal feel. The main design features include a fieldstone 'base' and 'book-ends', areas of brick with a simulated-wood panel wrap defining a 'middle' and a projecting roof 'top'.

Fully finished units including washer and dryers, appliances, and window treatments.

HVAC for the units will be provided with through-wall magic packs. Common areas will be using a traditional furnace and compressor for air conditioning. All compressors will be mounted on the roof and screened as needed.

Curbs and gutters are throughout the site in order to help with storm water management and site appearance.

Trash and recycle areas will be inside the covered parking area at the first lower level of building. There will also be an enclosed trash/recycle space for the retail stores that is integrated into the adjacent raised plaza.

The asphalt parking lot is fully lined- including pedestrian crossings and accessible parking stalls. Paved pedestrian crossings are defined around the periphery of the site.

A strong landscaped pathway (with seating) extends the full length of the site from east to west in order to connect the development with surrounding neighborhood.

Site will include extensive landscaping that defines both outdoor spaces and parking/bike stalls.

Below is additional information as required by the DDC for the Use and Development Application.

1. There are small groups of existing trees on the site. In order to provide proper storm water drainage to the site it will be necessary to remove these trees. The landscaping plan will provide for their replacement in accordance with DDC and City of Madison requirements.
2. This is primarily a residential development, so the number of employees on site would be minimal. There would be two sources. The apartments could have anywhere from 3-5 employees between leasing and maintenance. There are two small retail areas that could have from 4-8 total employees each, with approximately 4 on site at anyone time for each retail space.
3. Operating characteristics are fairly straight forward being primarily a residential development. Residents going to and from their residents both auto and bike as well as from the bus stop across the street. The retail spaces are intended to have occupants that will either focus on the needs of the tenants or become a destination type of business.
4. As this development will make use of the remaining property- there are no plans for future expansion.
5. The proposed development results in an impervious rate of 78.5%.
6. The Floor Area Ratio (FAR) for the proposed development is 0.25.
7. The percentage of finishes for the building will approximately 55% masonry, with the remaining 45% consisting of composite siding/panel materials and window/door openings.



CITY OF MADISON
LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Project Location / Address 6035 Gemini Drive

Name of Project Grandview Commons - Town Center - B Block

Owner / Contact DSI (Developer) / Matt Saltzberry, PLA - D'Onofrio Kottke (Landscape Architect)

Contact Phone 608-833-7530 Contact Email msaltzberry@donofrio.cc

**** Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size
MUST be prepared by a registered landscape architect. ****

Applicability

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless **all** of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

- (a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.
- (b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.
- (c) No demolition of a principal building is involved.
- (d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

Landscape Calculations and Distribution

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot. There are three methods for calculating landscape points depending on the size of the lot and Zoning District.

- (a) For all lots except those described in (b) and (c) below, five (5) landscape points shall be provided for each three hundred (300) square feet of developed area.

Total square footage of developed area 401,248 SF

Total landscape points required 1,080 Points

- (b) **For lots larger than five (5) acres**, points shall be provided at five (5) points per three hundred (300) square feet for the first five (5) developed acres, and one (1) point per one hundred (100) square feet for all additional acres.

Total square footage of developed area _____

Five (5) acres = 217,800 square feet

First five (5) developed acres = 3,630 points

Remainder of developed area _____

Total landscape points required _____

- (c) **For the Industrial – Limited (IL) and Industrial – General (IG) districts**, one (1) point shall be provided per one hundred (100) square feet of developed area.

Total square footage of developed area _____

Total landscape points required _____

Tabulation of Points and Credits

Use the table to indicate the quantity and points for all existing and proposed landscape elements.

| Plant Type/ Element | Minimum Size at Installation | Points | Credits/ Existing Landscaping | | New/ Proposed Landscaping | |
|---|--|---|-------------------------------|-----------------|---------------------------|-----------------|
| | | | Quantity | Points Achieved | Quantity | Points Achieved |
| Overstory deciduous tree | 2½ inch caliper measured diameter at breast height (dbh) | 35 | 3 | 105 | 30 | 1,050 |
| Tall evergreen tree (i.e. pine, spruce) | 5-6 feet tall | 35 | | | | |
| Ornamental tree | 1 1/2 inch caliper | 15 | 14 | 210 | 12 | 180 |
| Upright evergreen shrub (i.e. arborvitae) | 3-4 feet tall | 10 | | | | |
| Shrub, deciduous | #3 gallon container size, Min. 12”-24” | 3 | 35 | 105 | 177 | 531 |
| Shrub, evergreen | #3 gallon container size, Min. 12”-24” | 4 | 17 | 68 | 125 | 500 |
| Ornamental grasses/ perennials | #1 gallon container size, Min. 8”-18” | 2 | 64 | 128 | 419 | 838 |
| Ornamental/ decorative fencing or wall | n/a | 4 per 10 lineal ft. | | | | |
| Existing significant specimen tree | Minimum size: 2 ½ inch caliper dbh. *Trees must be within developed area and cannot comprise more than 30% of total required points. | 14 per caliper inch dbh. Maximum points per tree: 200 | | | | |
| Landscape furniture for public seating and/or transit connections | * Furniture must be within developed area, publically accessible, and cannot comprise more than 5% of total required points. | 5 points per “seat” | | | | |
| Sub Totals | | | | 616 | | 3,099 |

Total Number of Points Provided 3,715

* As determined by ANSI, ANLA- American standards for nursery stock. For each size, minimum plant sizes shall conform to the specifications as stated in the current American Standard for Nursery Stock.

GVC TOWN CENTER: B BLOCK

LOCATION MAP



Madison
Wisconsin



GVC TOWN CENTER: B BLOCK

CONTEXT MAP



Madison
Wisconsin



GVC TOWN CENTER: B BLOCK

CONTEXT MAP



Madison
Wisconsin

1) B Block Site (Unbuilt)



2) B-5 Building



Created: 5.13.20
VANDEWALLE & ASSOCIATES INC.
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GVC TOWN CENTER: B BLOCK

CONTEXT MAP



Madison
Wisconsin

3) The Great Dane



4) 5 Story Residential Building



GVC TOWN CENTER: B BLOCK

CONTEXT MAP



Madison
Wisconsin

5) Village Green



6) Gemini Commercial Buildings



6003, 6019, 6035, 6015 GEMINI DRIVE GRAND VIEW COMMONS BLOCK B

MADISON, WI 53718



LAND USE APPLICATION SUBMITTAL

JUNE 3, 2020



JLA
ARCHITECTS

JLA PROJECT NUMBER: 20-0302

| | | | | | | | | | |
|--------------|---------------------------------------|--------------|----------------------------|----------------|--------------------------------|---------------|-----------------------------------|------------------|--|
| A | air condition | D | demolition | G | galvanized | N | north | T | time & materials |
| AC | Architectural | DEM | department | GAU | grab bar | NA | not applicable | TEM | temperature |
| ACT | aerodynamic ceiling tile | DF | during fountain | GB | garage | NIC | not in contract | TERR | terrazzo |
| ADD | additional | DFA | Dry and Frame Schedule | GC | general contractor | NO | number | TERB | terrace base |
| ADDD | addendum | DFS | double hung | GLS | glass | NSC | non-schedule | TF | top of finish floor |
| AF | above finished corner | DI | diameter | GLU/LAM | glue laminated wood | NTS | no scale | TK BD | tackboard |
| AFS | above finished floor | DR | door | GR | grading | | | TO | top of |
| AFS | above finished grade | DR FR | door frame | GR G | grade, grading | | | TOB | top of beam |
| AFS | above finished slab | DTL | detail | GRAN | granite | | | TOT | top of concrete |
| ALT | alternates | DLT | drawings | GT | grout | O | on center | TOT | top of joist |
| ALUM | aluminum | DWG | drawing | GWT | gypsum wall board | OD | outside diameter | TOP | topography |
| APRO | approved | | | GYP BD | glazed wall | OFI | owner furnished, owner installed | TOS | top of slab |
| ASC | ascent | | | | | OFV | owner furnished, vendor installed | TV | television |
| AS | above suspended ceiling | EFS | exterior insulation | H | hollow core | OH DC | opposite hand (coiling) door | typical | |
| | | | | H | hollow core | OPNG | opening | UO | unless noted otherwise |
| B | baseboard | EEL | elevation | HC | handicapped | | | UNO | unless otherwise note |
| BB | bullpen building | EW | electric, electrical | HJ | hollow metal | | | | |
| BLDG | building (welding) | ELEV | elevator | HORZ | horizontal | | | | |
| BW | borrowed light | EP | epoxy base | HSKFC | housekeeping | | | | |
| BLT | below | EPS | expanded polystyrene board | HVT | height, ventilating | PLYWD | plywood | | |
| BL | base plate | EQU | equal existing | HVC | air conditioned | PREFAB | prefabricated | VCT | vinyl composition tile |
| BO | bottom of | EXIST | existing | HW | hot water | PFT | pounds per square inch | VFI | vendor furnished, contractor installed |
| BOS | bottom of steel | EXP | expand, expansion | HWF | hardwood floor | PTI | paint, painted | VFOI | vendor furnished, owner installed |
| | | EXT | exterior | IW | iron | PSN | psi | VFINI | vendor furnished, vendor installed |
| C | catch basin | F | female | J | inside diameter | Q | quarry tile | VINR | veneer |
| CB | conductor bulletin | F | filler | INSUL | insulation | QB | quarry tile base | VNC | varnity in field |
| CF | contractor installed | F AL | fire alarm | | | R | | VNR | very dry wall covering |
| CFI | contractor furnished, | FAB | facilitate | | | RB | resilient base | | |
| CFVI | contractor installed, owner installed | FC | fire cabinet | J | janitor sink | RD | reinforcing steel bars | W | west |
| | owner installed | FD | fire drain | L | laminar | REBAR | reinforcing steel | WC | without |
| CG | corner guard | FE | fire extinguishing cabinet | LAV | lavatory | RFS | room finish schedule | WO | wood coverst |
| CH BD | chalkboard | FHC | fire hose cabinet | LAV | lavatory | RS | rough opening | WOOD | wood |
| CP | cast-in-place | FG | fire grille | M | maximum | SAN | south | WDV | wood veneer |
| CL | control joint | FL | floor | MFR | mechanical modular carpet tile | SC | solid core | WH | water heater |
| CJ | control joint | FM | factory mutual | MECI | mechanical | SF | square foot | WP | wall protection |
| CL | centerline | FR | fireproof | MIN | minimum | SH | shading | workpoint | |
| CLG | ceiling | FRP | fired reinforced panel | MISC | miscellaneous | SIM | similar | | |
| CM | construction management | FRT | fireproof | MOC | modular carpet tile | SIM | similar | XPS | extruded polystyrene board (insul) |
| CMU | concrete masonry unit | FRP | fired reinforced panel | MR | marble | ST | stone | | |
| C | cleanout | FRT | fireproof | MRB | marble base | STN | stone | | |
| COL | column | FWG | fire wrapped panel | MTL | metal | STRUSV | stone base structure vinyl | | |
| CON | concrete | | | | | | | | |
| CORNT | continuous | | | | | | | | |
| CPT | carpet | | | | | | | | |
| CSW | casing | | | | | | | | |
| CSWK | casing work | | | | | | | | |
| CT | cement tile | | | | | | | | |
| CTB | ceramic tile base | | | | | | | | |

VIEW NUMBER
 19
 TITLE
 1/2" = 1' - 0" VIEW SCALE
 VIEW NAME

WALL TAG
 0
 XXXX

DOOR TAG
 000

CASEWORK TAG (PLAN OR ELEVATION)
 000
 W' x H' x D"

DETAIL CALLOUT
 00
 A000

SECTION CALLOUT
 00
 A000

ELEVATION CALLOUT
 2
 A000
 1 3 4

ELEVATION DATUM
 Level
 0' - 0"

NORTH ARROW

EXISTING CONSTRUCTION
DEMOLITION
NEW CONSTRUCTION

REVISION TAG
 0

FURNITURE TAG
 000

EQUIPMENT TAG
 000

ROOM TAG
 NAME
 0000

CEILING TAG
 TYPE
 HEIGHT

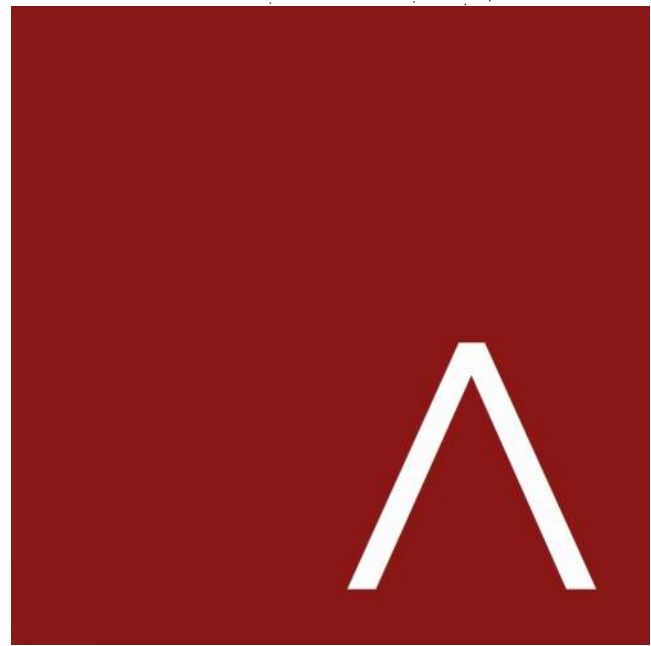
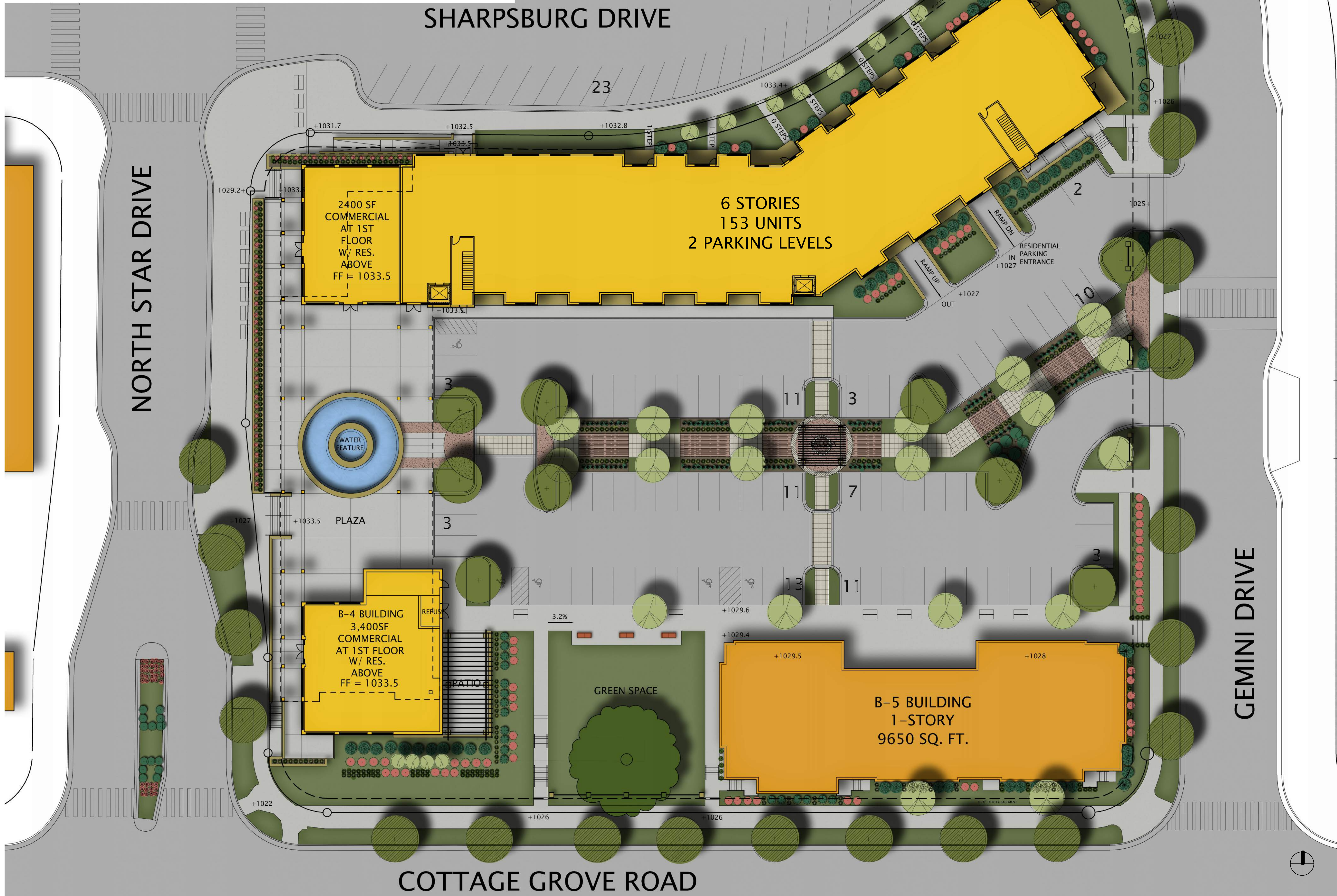
FINISH PLAN TAG
 FLOOR
 BASE
 WALL
 REMARKS

NEW GRID AND IDENTIFICATION
 A
 1
 2

EXISTING GRID AND IDENTIFICATION
 A
 B
 1
 2

G001

| PARK PARK | BUILDING DATA | | | | | | | | | | PARKING PROVIDED | | | | | |
|-----------|---------------|--------|-----|------|-----|-----|-------|-------------|-----------|---------|------------------|------------|---------|---------|----------|-----------------|
| | FLOOR | UNITS | | | | | | LEASABLE SF | COMMON SF | GSF | EFF | COMMERCIAL | COVERED | SURFACE | RATIOS | AREA |
| | | STUDIO | 1BR | 1BR+ | 2BR | 3BR | TOTAL | | | | | | | | | |
| | 6 | 0 | 5 | 1 | 14 | 1 | 21 | 37 | 23,650 | 5,829 | 29,479 | 80.2% | | | | |
| | 5 | 0 | 5 | 1 | 14 | 1 | 21 | 37 | 23,650 | 5,829 | 29,479 | 80.2% | | | | |
| | 4 | 4 | 21 | 0 | 6 | 0 | 31 | 37 | 24,866 | 4,613 | 29,479 | 84.4% | | | | |
| | 3 | 4 | 21 | 0 | 6 | 0 | 31 | 37 | 24,866 | 4,613 | 29,479 | 84.4% | | | | |
| | 2 | 4 | 21 | 0 | 6 | 0 | 31 | 37 | 23,703 | 5,776 | 29,479 | 80.4% | | | | |
| | 1 | 2 | 14 | 0 | 2 | 0 | 18 | 20 | 13,543 | 5,170 | 18,713 | 72.4% | 5,800 | | 83 | 14.31 CARS / 1K |
| | LL1 | | | | | | | | | | | | | 96 | 7 | |
| 117 | | | | | | | | | | | | | 102 | | | 25.5 |
| T. | 14 | 87 | 2 | 48 | 2 | 153 | 205 | 134,278 | 31,830 | 166,108 | 80.3% | | 198 | 90 | 1.34 / U | 71.0 |
| | 11% | 57% | 1% | 30% | 1% | | | | | | | | | | | 1.00 / BR |



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

DATE OF ISSUANCE JUNE 3, 2020

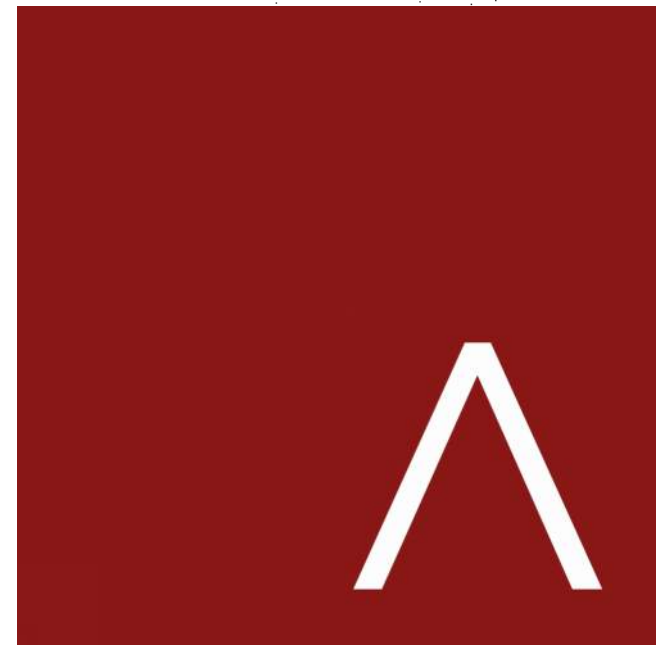
| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |

SHEET TITLE

ARCHITECTURAL SITE
LAYOUT PLAN

SHEET NUMBER

AS100



MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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| | |
|------------------|--------------|
| DATE OF ISSUANCE | JUNE 3, 2020 |
|------------------|--------------|

REVISION SCHEDULE

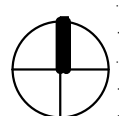
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|------|-------------|------|
|------|-------------|------|

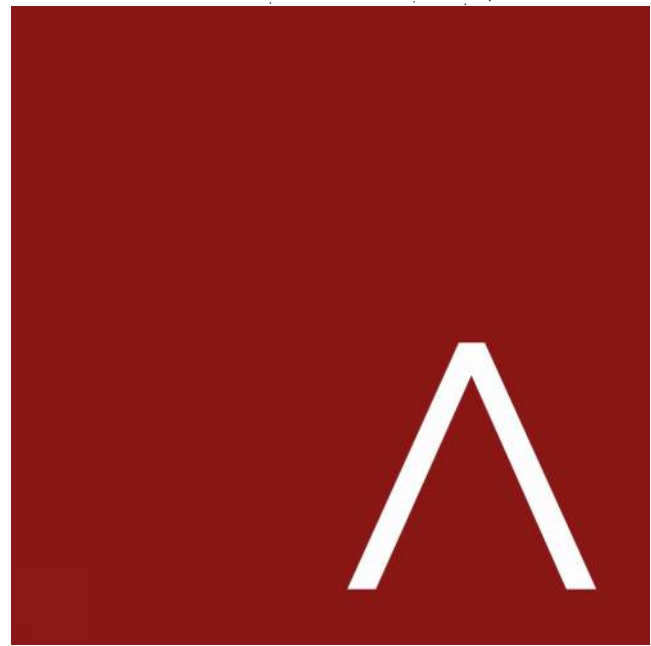
SHEET TITLE _____

LOWER LEVEL 2 PLAN

SHEET NUMBER _____

A099





JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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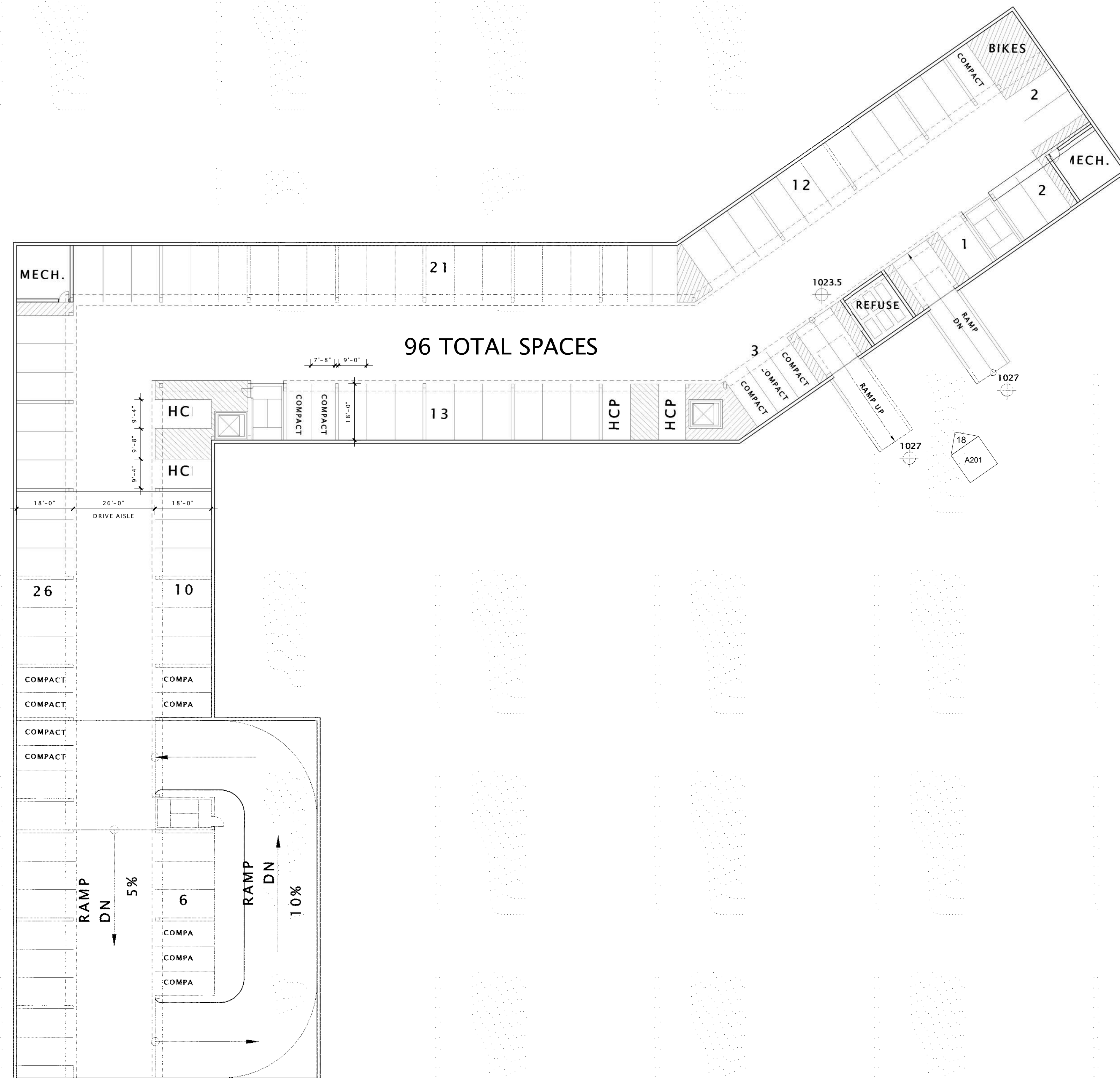
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|-------------------|-------------|------|
| Mark | Description | Date |

SHEET TITLE

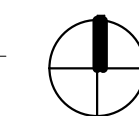
LOWER LEVEL 1 PLAN

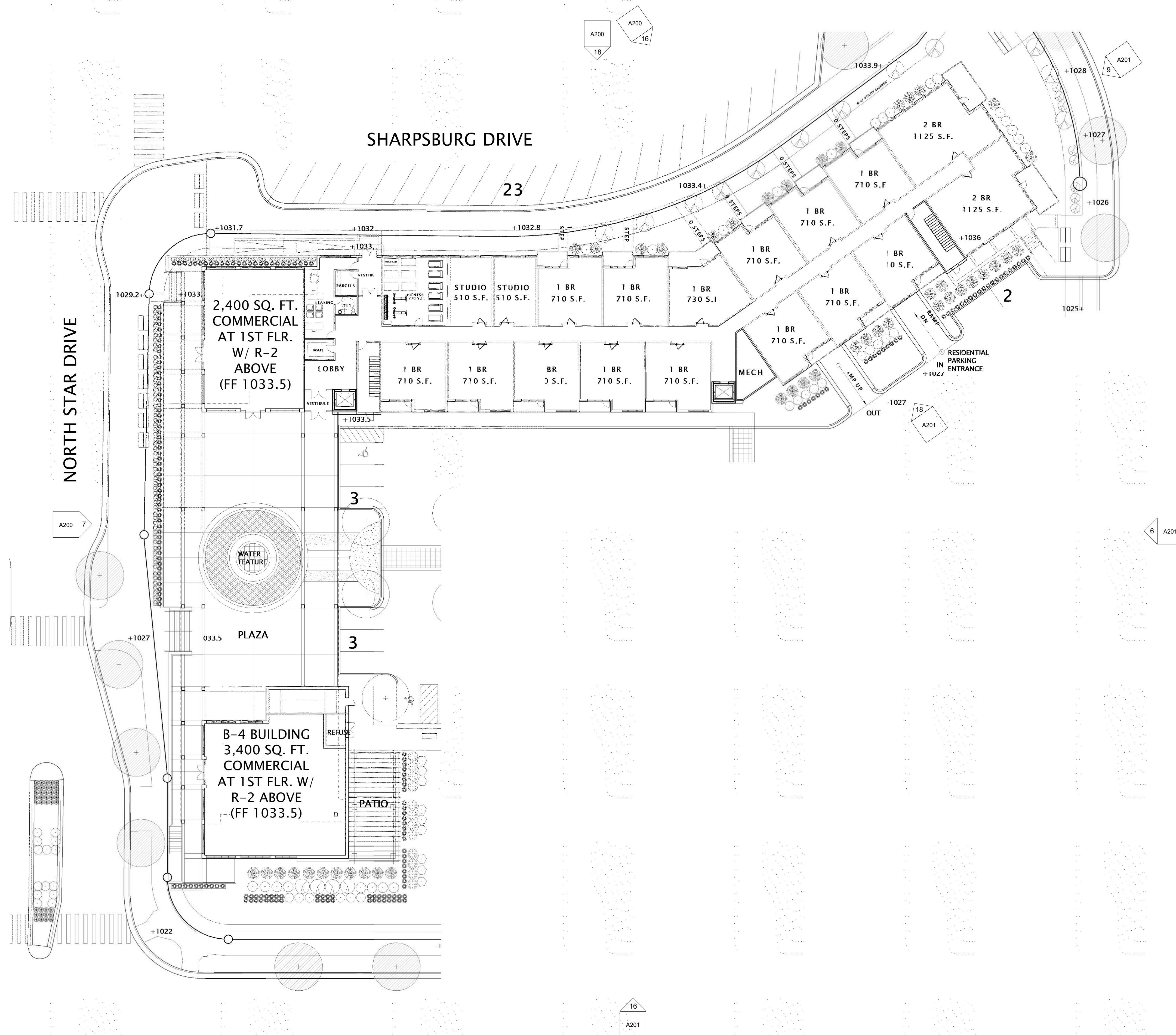
SHEET NUMBER

A100



17 LOWER LEVEL 1 PLAN
3/84" = 1'-0"





17 FIRST FLOOR AND PLAZA PLAN
3/64" = 1'-0"



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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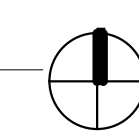
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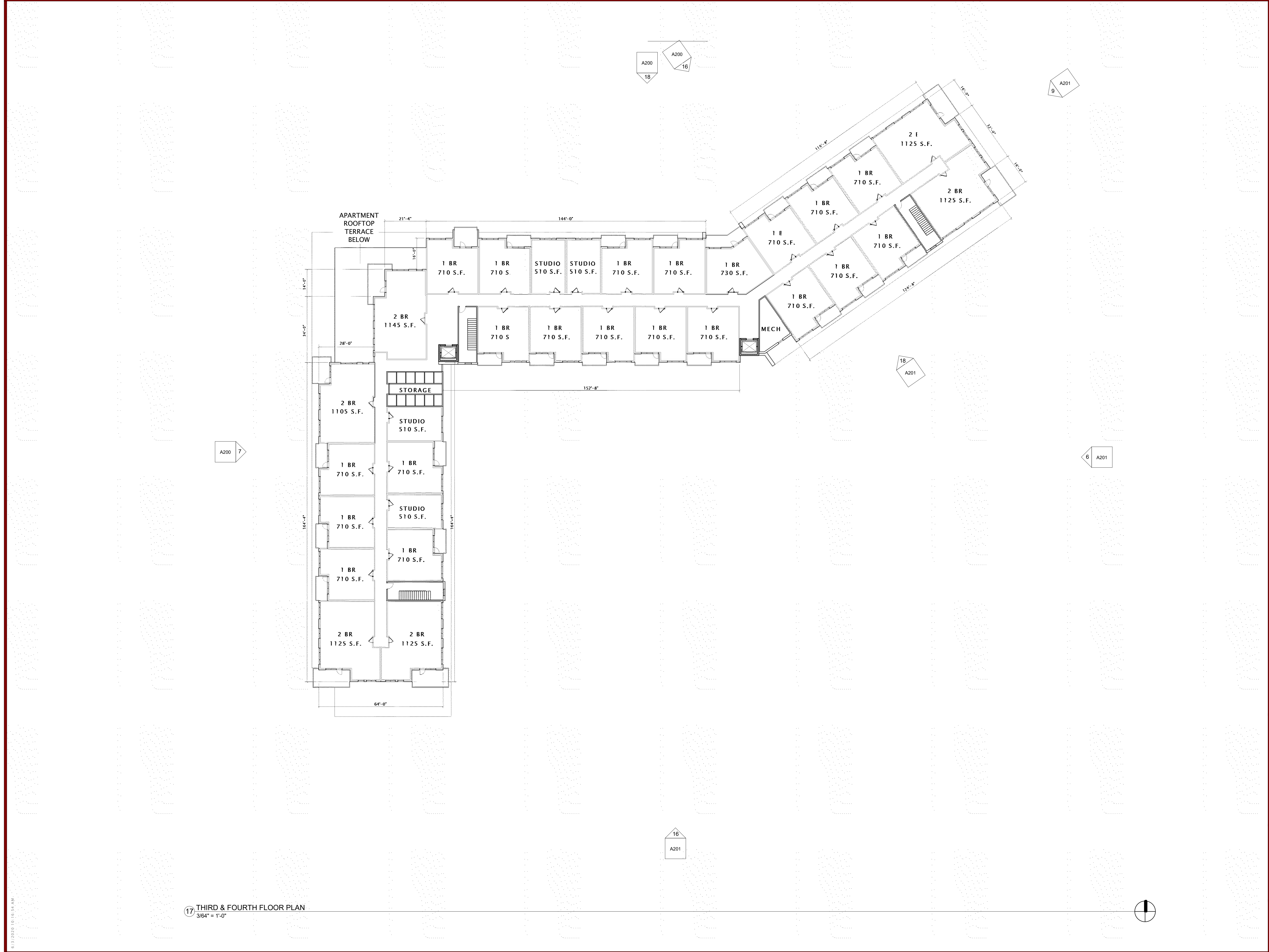
SHEET TITLE

FIRST FLOOR PLAN

SHEET NUMBER

A101





JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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DATE OF ISSUANCE JUNE 3, 2020

| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |

SHEET TITLE

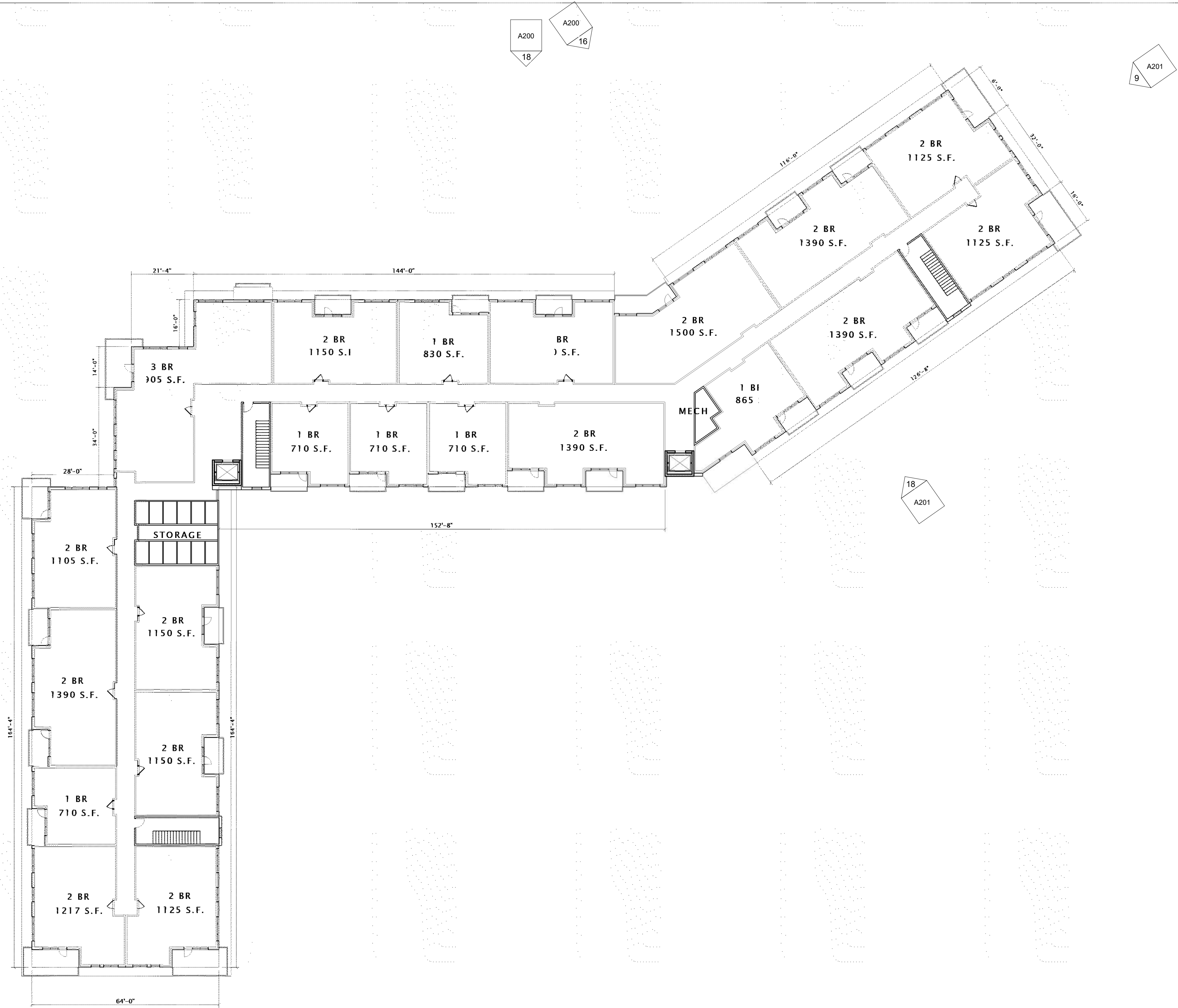
THIRD & FOURTH
FLOOR PLAN

SHEET NUMBER

A103

17 THIRD & FOURTH FLOOR PLAN
3/64" = 1'-0"

6/3/2020 10:16:34 AM



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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DATE OF ISSUANCE JUNE 3, 2020

| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |

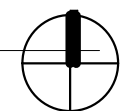
SHEET TITLE

FIFTH & SIXTH FLOOR
PLAN

SHEET NUMBER

A105

17 FIFTH & SIXTH FLOOR PLAN
3/84" = 1'-0"





JLA PROJECT NUMBER: 20-0302

LAND USE APPLICATION SUBMITTAL

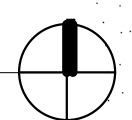
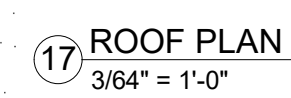
These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

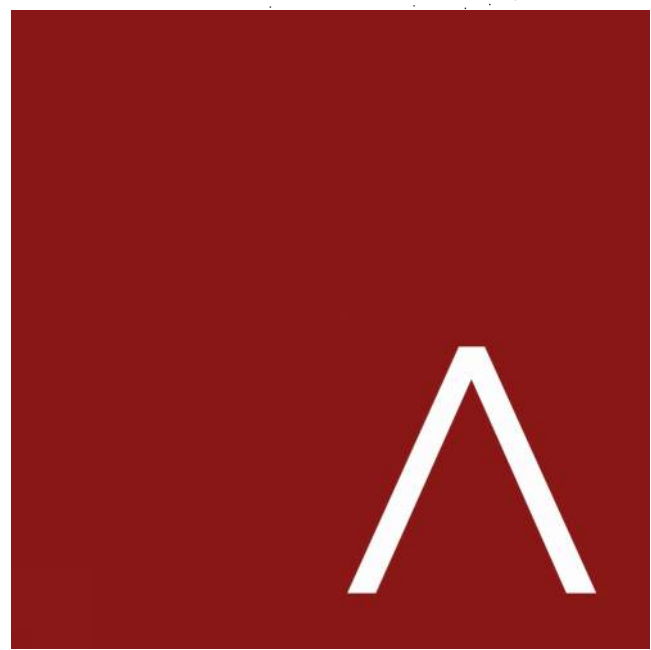
REVISION SCHEDULE

| Mark | Description | Date |
|------|-------------|------|
|------|-------------|------|

ROOF PLAN

A110





JLA
ARCHITECTS

MADISON : MILWAUKEE
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JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

PROGRESS DOCUMENTS

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DATE OF ISSUANCE JUNE 3, 2020

| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |

SHEET TITLE

EXTERIOR
ELEVATIONS

SHEET NUMBER

A200

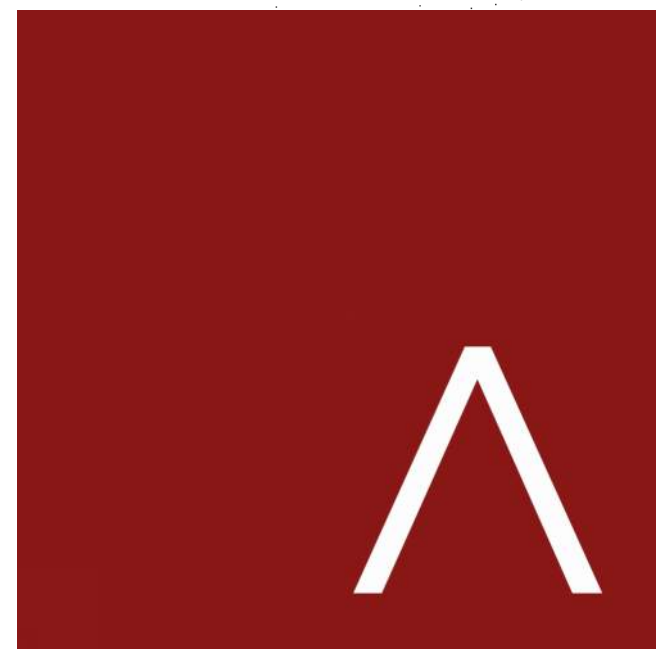


7 WEST ELEVATION
1/16" = 1'-0"



16 NORTHWEST ELEVATION
1/16" = 1'-0"

18 NORTH ELEVATION
1/16" = 1'-0"



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

PROGRESS DOCUMENTS

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DATE OF ISSUANCE JUNE 3, 2020

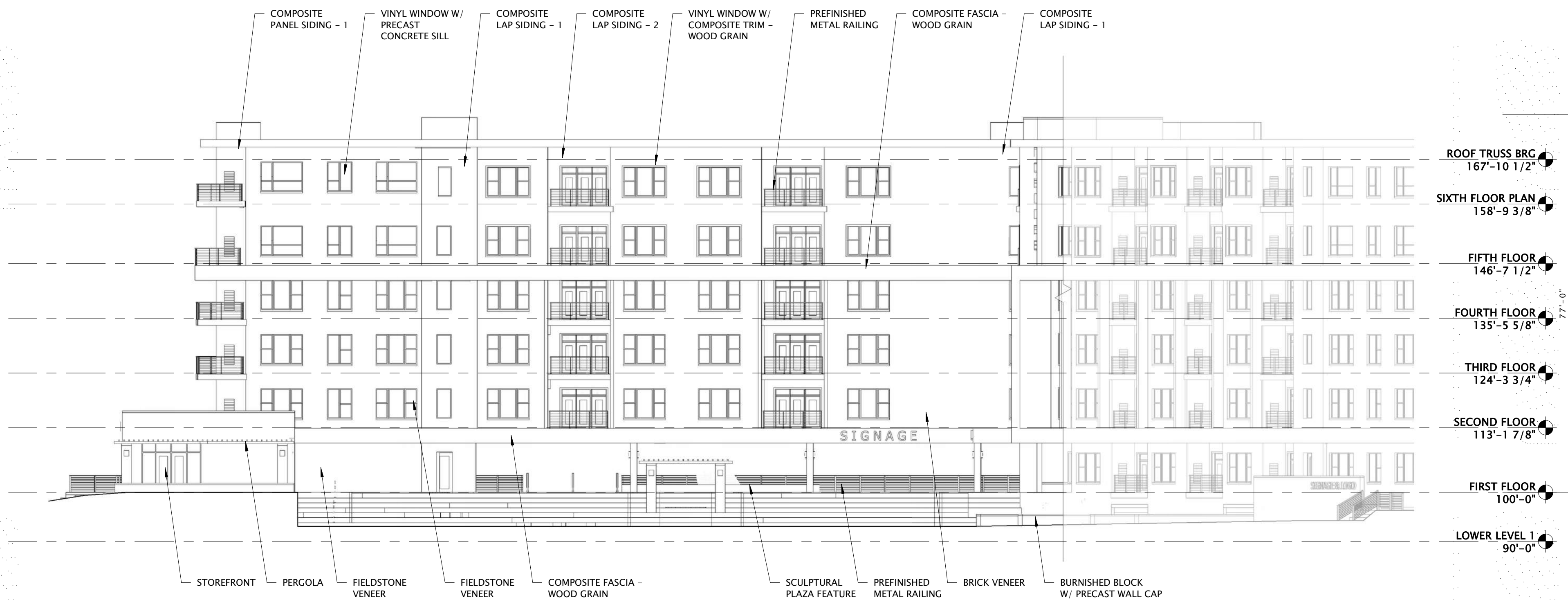
| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |

SHEET TITLE

EXTERIOR
ELEVATIONS

SHEET NUMBER

A201



6 EAST ELEVATION
1/16" = 1'-0"



9 NORTHEAST ELEVATION
1/16" = 1'-0"



16 SOUTH ELEVATION
1/16" = 1'-0"



18 SOUTHEAST ELEVATION
1/16" = 1'-0"



⑦ WEST ELEVATION
1/16" = 1'-0"



⑬ NORTHWEST ELEVATION
1/16" = 1'-0"

⑭ NORTH ELEVATION
1/16" = 1'-0"



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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REVISION SCHEDULE

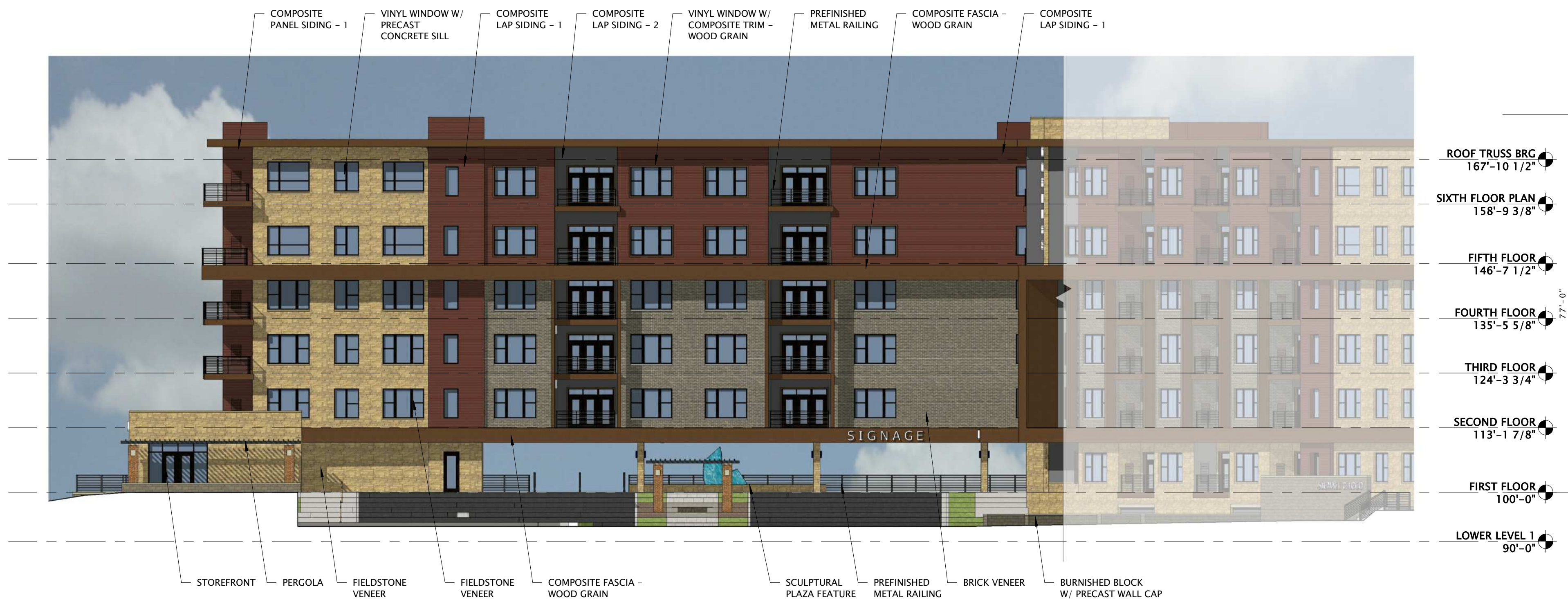
| Mark | Description | Date |
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SHEET TITLE

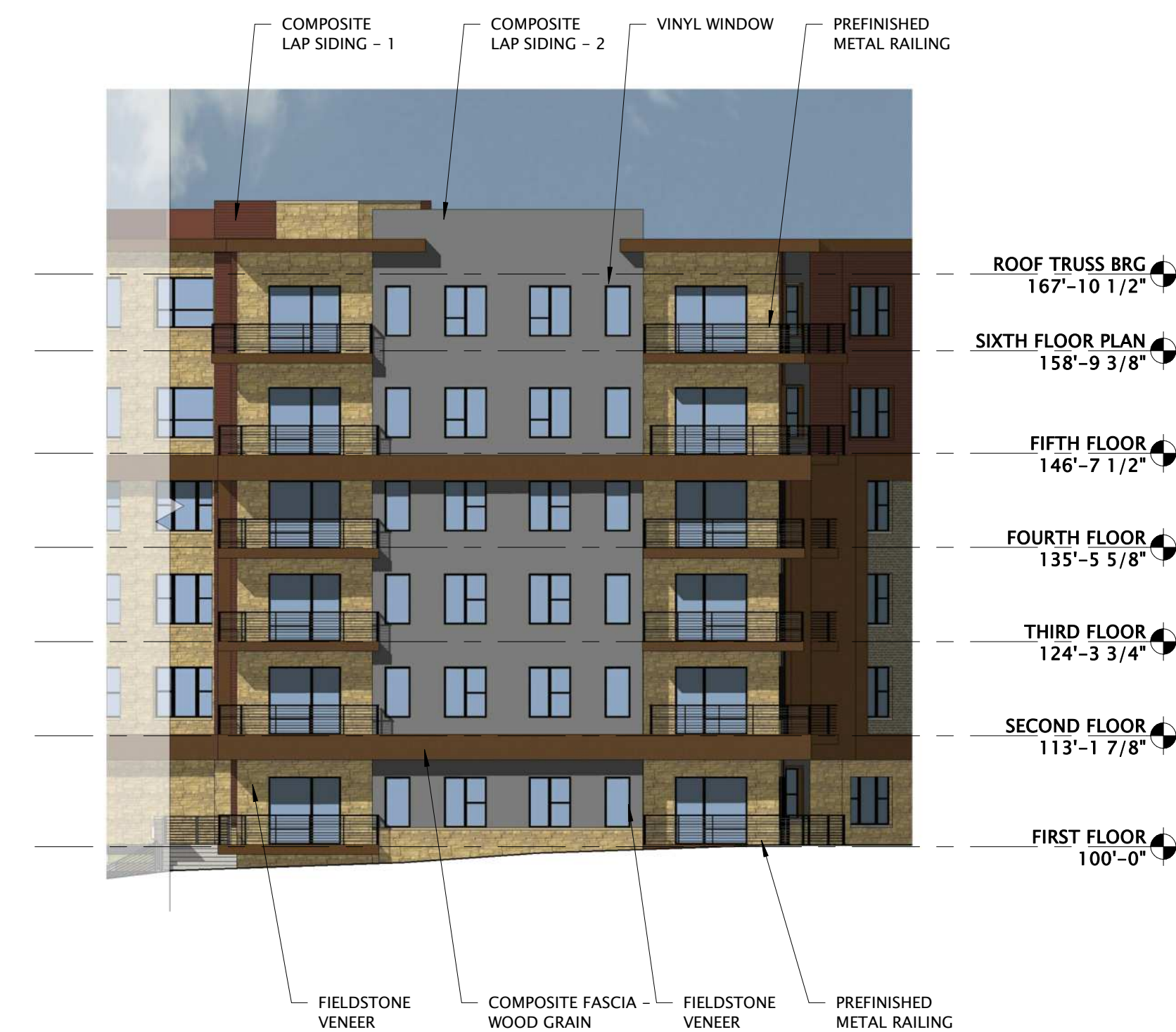
EXTERIOR
ELEVATIONS

SHEET NUMBER

A200



6 EAST ELEVATION
1/16" = 1'-0"



9 NORTHEAST ELEVATION
1/16" = 1'-0"



16 SOUTH ELEVATION
1/16" = 1'-0"



18 SOUTHEAST ELEVATION
1/16" = 1'-0"



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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| Mark | Description | Date |
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| | | |

SHEET TITLE

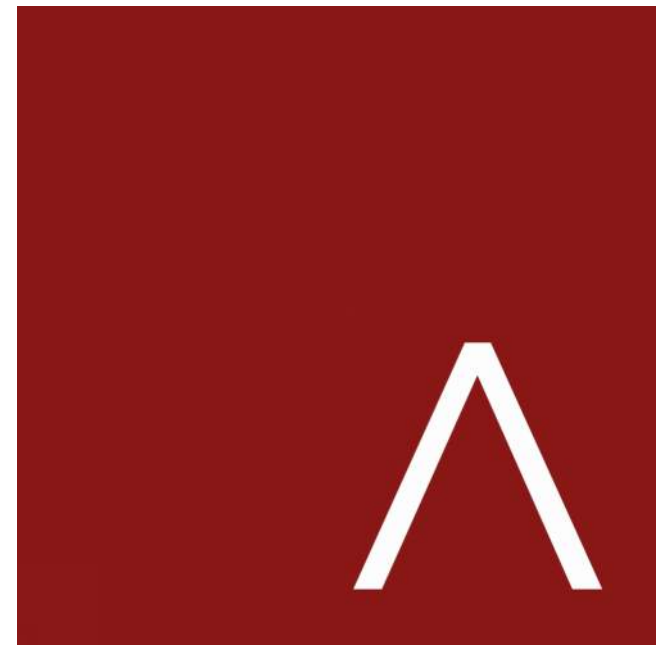
EXTERIOR
ELEVATIONS

SHEET NUMBER

A201



VIEW FROM NORTH STAR DRIVE & SHARPSBURG DRIVE



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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SHEET TITLE

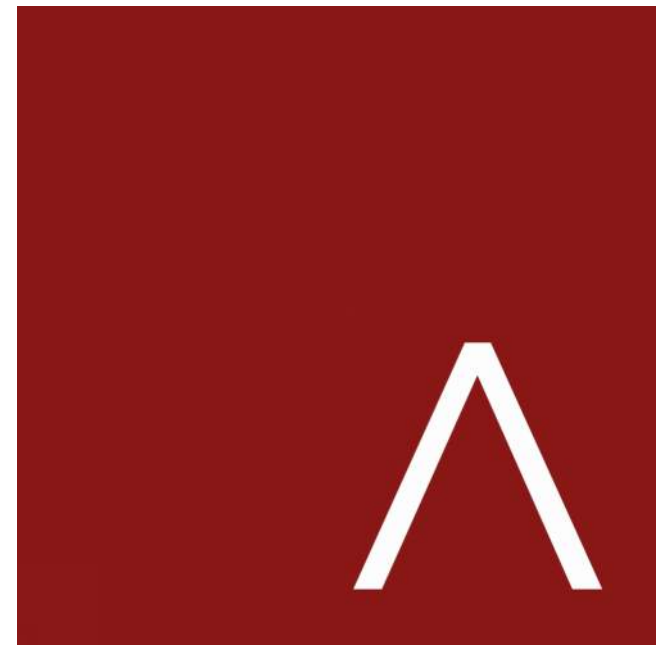
EXTERIOR IMAGES

SHEET NUMBER

A220



VIEW FROM NORTH STAR DRIVE & COTTAGE GROVE ROAD



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

PROGRESS DOCUMENTS

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DATE OF ISSUANCE JUNE 3, 2020

| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |

SHEET TITLE

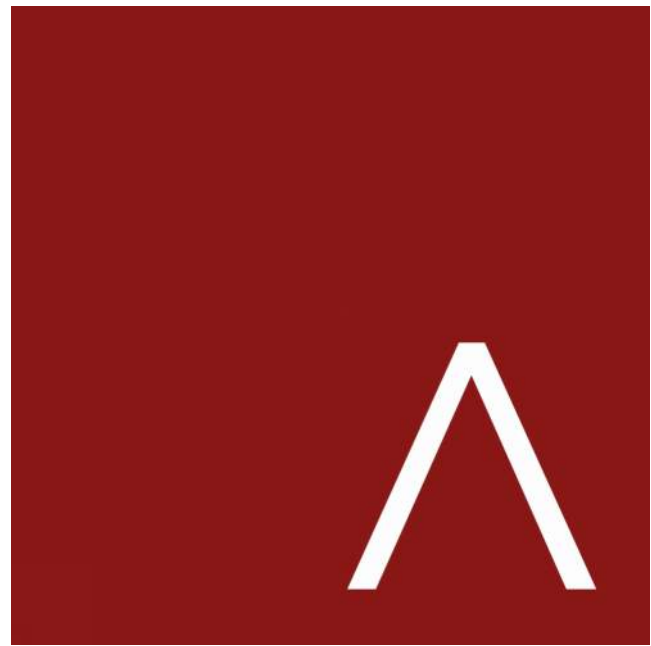
EXTERIOR IMAGES

SHEET NUMBER

A221



VIEW FROM COTTAGE GROVE ROAD & GEMINI DRIVE



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

PROGRESS DOCUMENTS

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DATE OF ISSUANCE JUNE 3, 2020

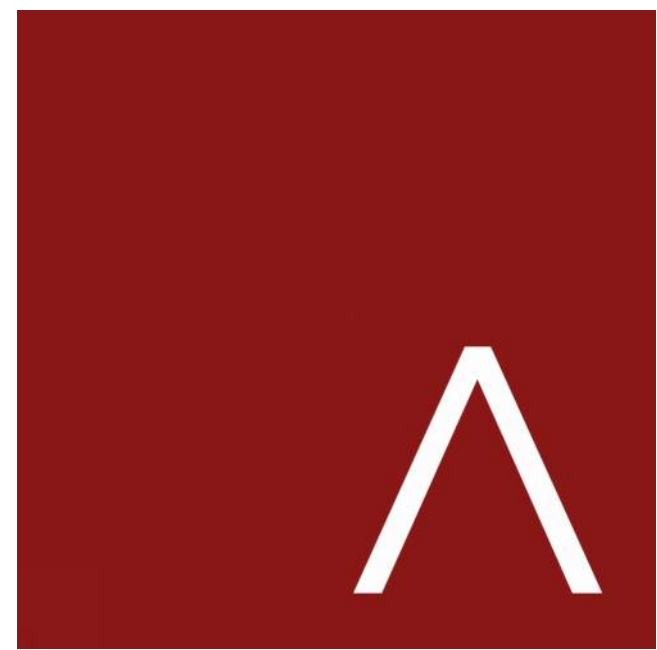
| REVISION SCHEDULE | | |
|-------------------|-------------|------|
| Mark | Description | Date |

SHEET TITLE

EXTERIOR IMAGES

SHEET NUMBER

A222



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302



VIEW FROM GEMINI DRIVE

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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|-------------------|-------------|------|
| Mark | Description | Date |

SHEET TITLE

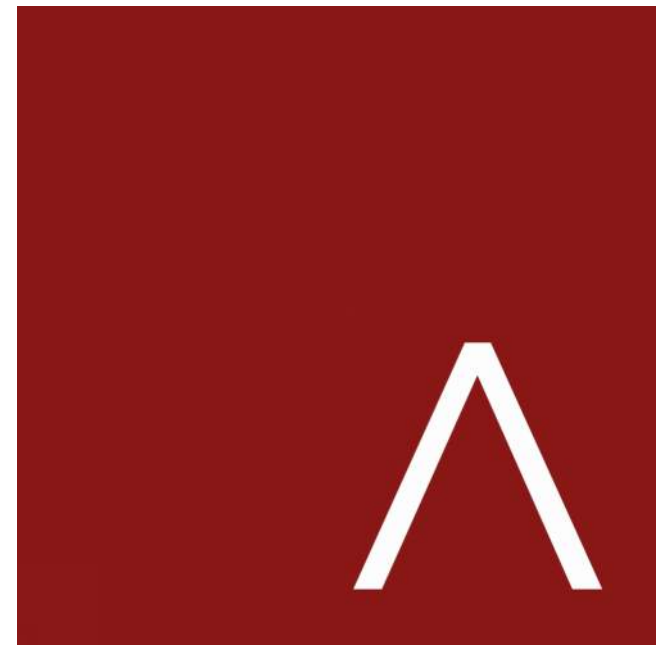
EXTERIOR IMAGES

SHEET NUMBER

A223



VIEW FROM GEMINI DRIVE & SHARPSBURG DRIVE



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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| Mark | Description | Date |

SHEET TITLE

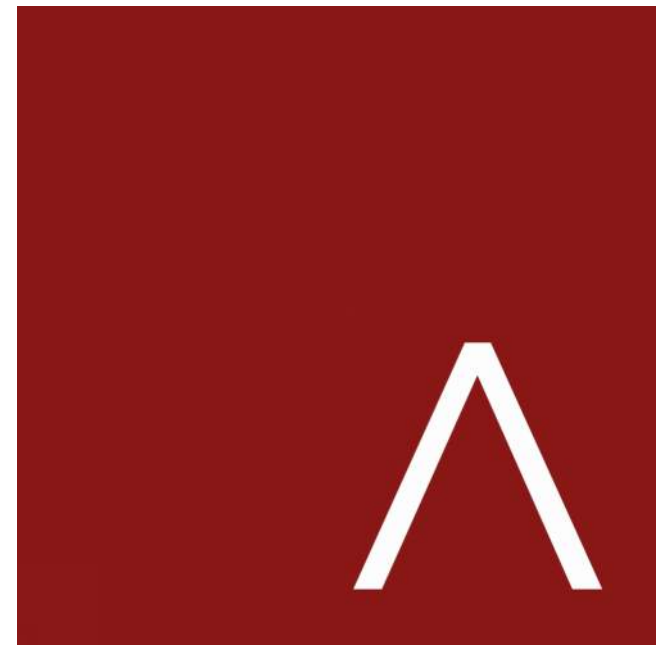
EXTERIOR IMAGES

SHEET NUMBER

A224



VIEW FROM NORTH STAR DRIVE THROUGH COVERED PLAZA – DAY VIEW



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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|-------------------|-------------|------|
| Mark | Description | Date |

SHEET TITLE

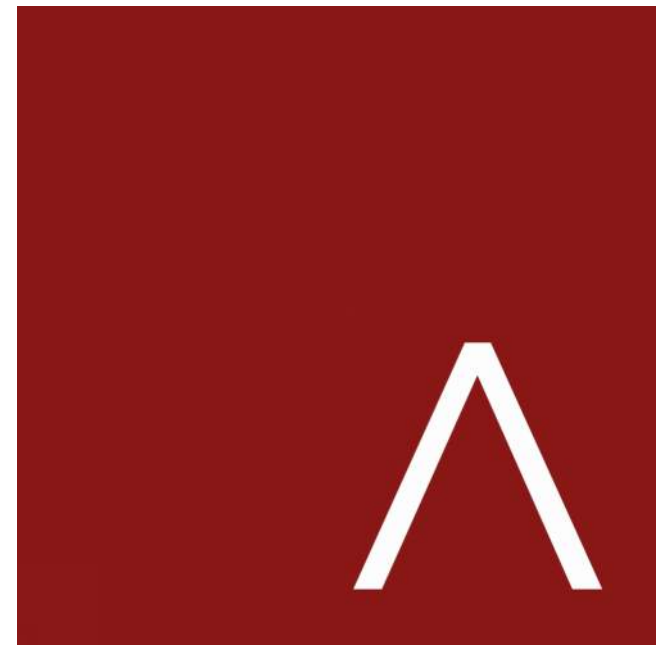
EXTERIOR IMAGES

SHEET NUMBER

A225



VIEW FROM NORTH STAR DRIVE THROUGH COVERED PLAZA – NIGHT VIEW



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

PROGRESS DOCUMENTS

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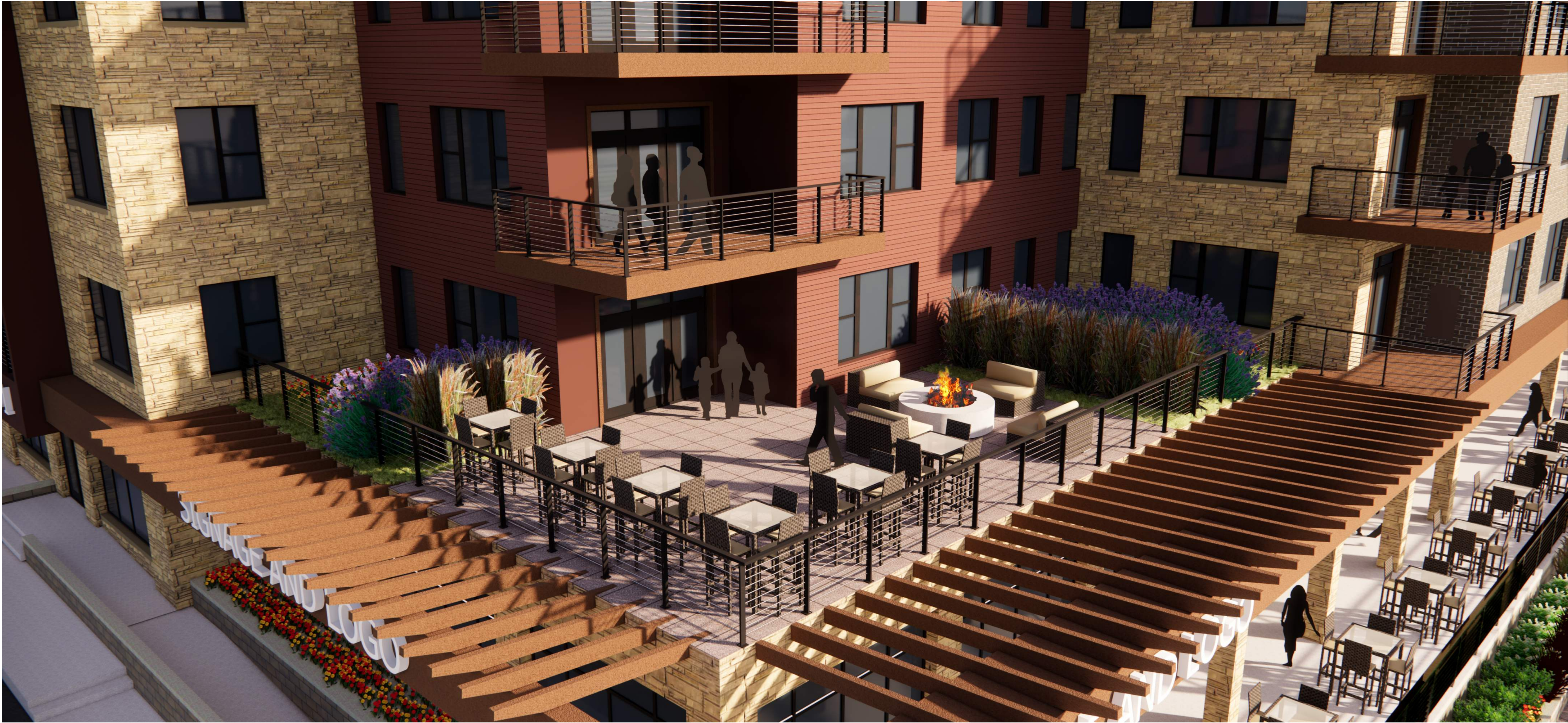
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SHEET TITLE

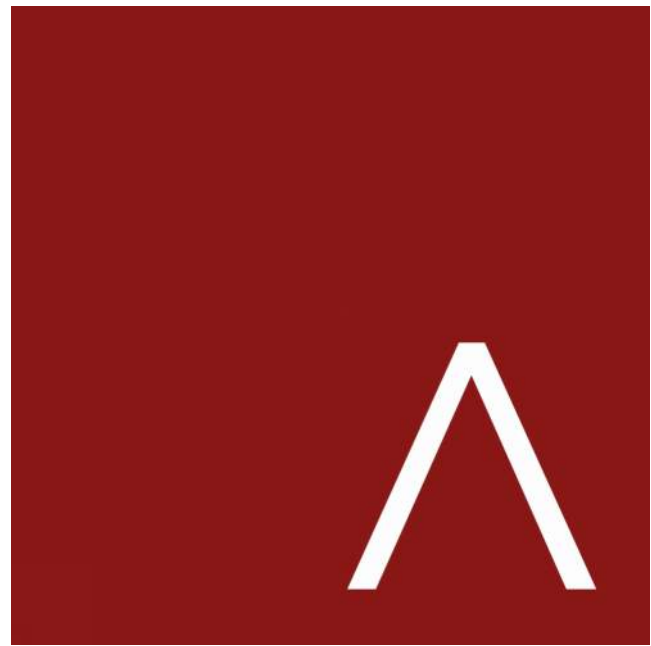
EXTERIOR IMAGES

SHEET NUMBER

A226



VIEW OF ROOFTOP TERRACE AT CLUB ROOM



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

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|-------------------|-------------|------|
| Mark | Description | Date |

SHEET TITLE

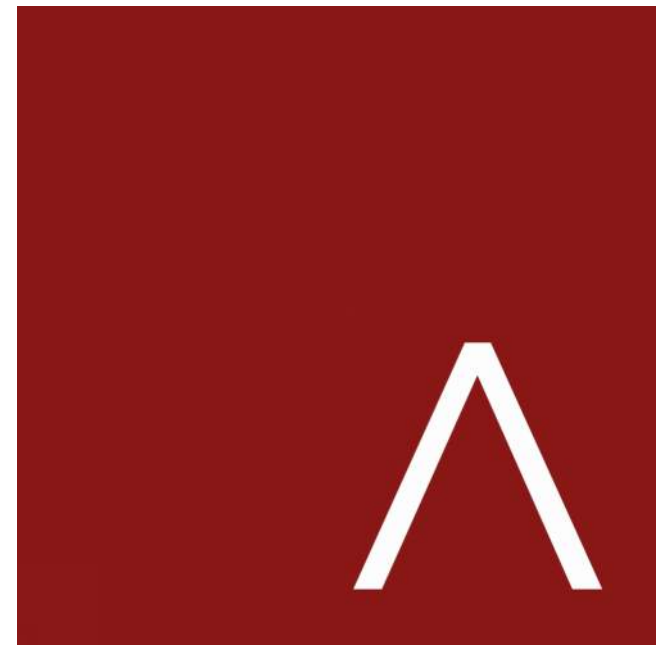
EXTERIOR IMAGES

SHEET NUMBER

A227



VIEW FROM LANDSCAPED LINK TOWARDS COVERED PLAZA



JLA
ARCHITECTS

MADISON : MILWAUKEE
jla-ap.com

JLA PROJECT NUMBER: 20-0302

6003, 6019, 6035,
6015 GEMINI DRIVE
GRAND VIEW
COMMONS BLOCK B

LAND USE APPLICATION SUBMITTAL

PROGRESS DOCUMENTS

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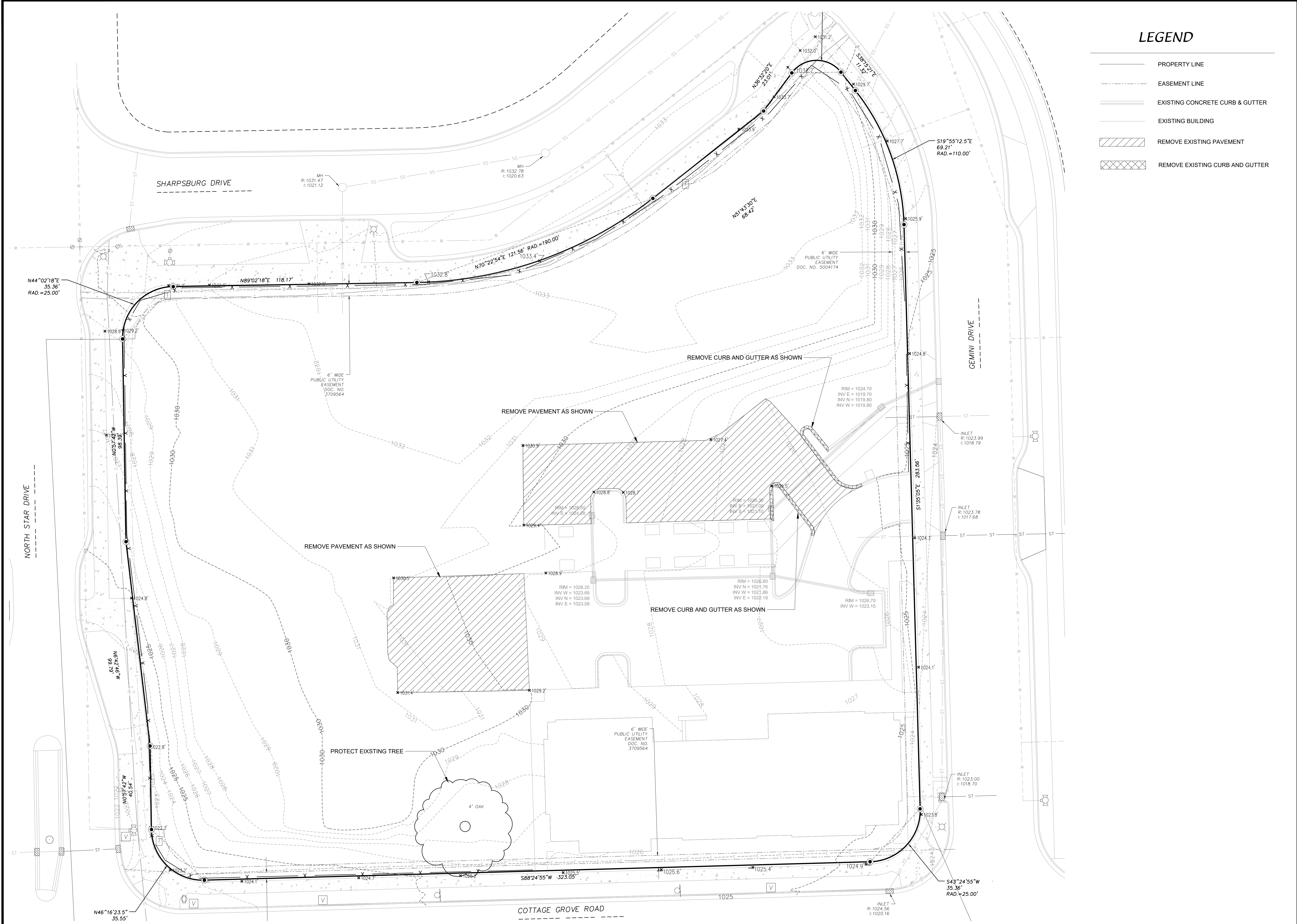
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SHEET TITLE

EXTERIOR IMAGES

SHEET NUMBER

A228



LEGEND

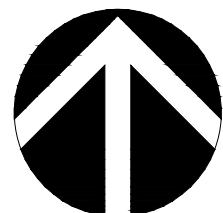
- PROPERTY LINE
- EASEMENT LINE
- EXISTING CONCRETE CURB & GUTTER
- EXISTING BUILDING
- REMOVE EXISTING PAVEMENT
- REMOVE EXISTING CURB AND GUTTER

EXISTING CONDITIONS MAP & DEMOLITION PLAN

GRANDVIEW COMMONS B-BLOCK

CITY OF MADISON, WI

D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
7530 Westward Way, Madison, WI 53717
Phone: 608.833.7530 • Fax: 608.833.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT



SCALE: 1" = 20'
(PAGE SIZE: 24x36)

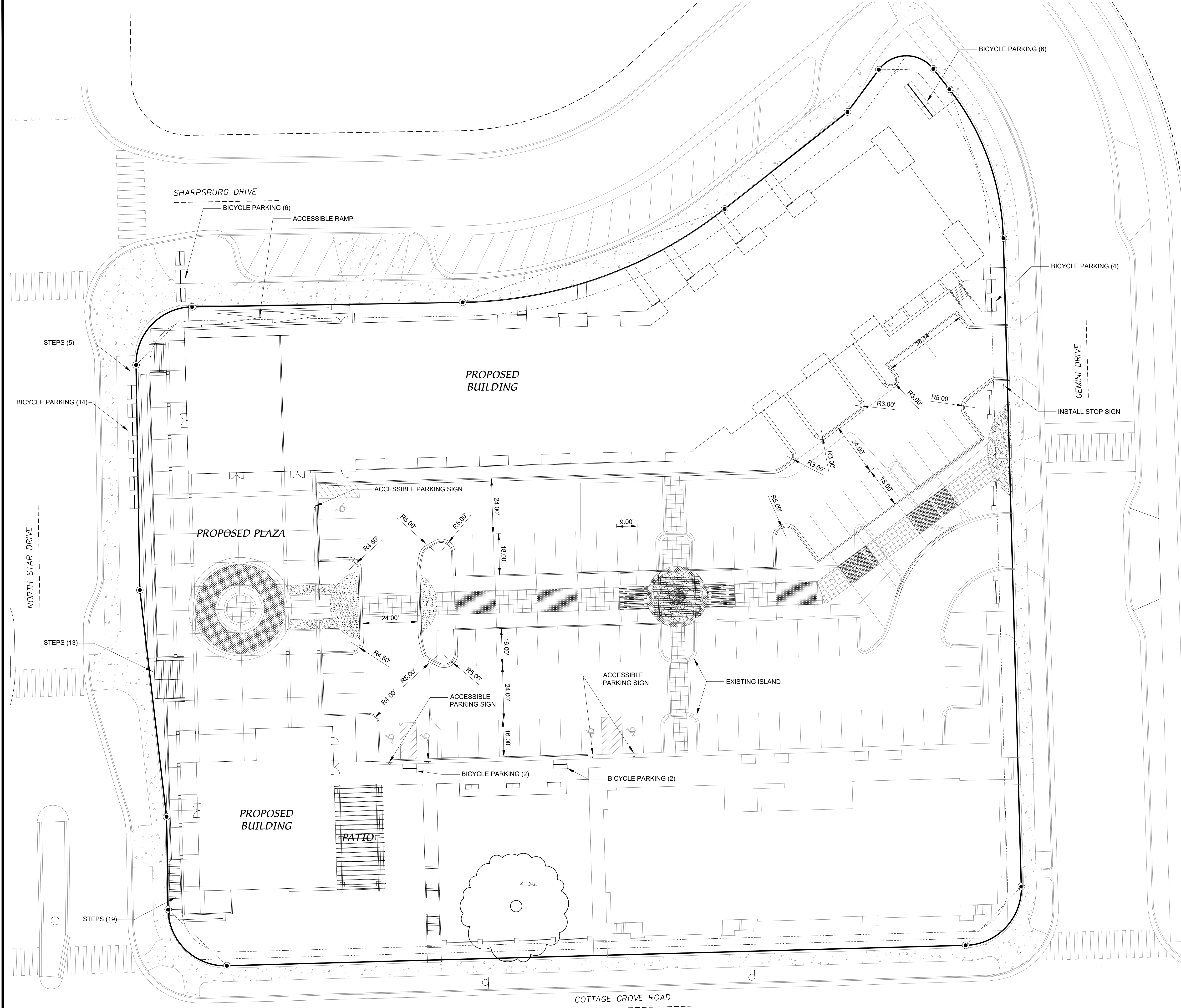
DATE: 06/03/20
REVISED:

DRAWN BY: KWB

FN: 20-05-122

Sheet Number:

C100



LEGEND

- PROPERTY LINE
- EASEMENT LINE
- 18" CONCRETE CURB & GUTTER
- PROPOSED BUILDING

GENERAL NOTES

- ALL SITE WORK SHALL BE PER THE CITY OF MADISON STANDARD SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED.
- BUILDING CORNERS ARE APPROXIMATE AND FOR GENERAL BUILDING FOOTPRINT ONLY
- IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS AWAY FROM BUILDING FOUNDATIONS DURING FINAL RESTORATION
- ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED
- CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER WHICH ABUTS THE PROPERTY WHICH IS DAMAGED BY THE CONSTRUCTION OR ANY SIDEWALK AND CURB AND GUTTER WHICH THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION

| SITE PLAN INFORMATION BLOCK | |
|---|-----------|
| PROJECT AREA | 84,200 SF |
| PROPOSED BUILDING AREA | 34,900 SF |
| PROPOSED TOTAL IMPERVIOUS | 66,500 SF |
| NUMBER OF PROPOSED SURFACE PARKING STALLS | 54 |
| NUMBER OF ACCESSIBLE STALLS | 5 |
| TOTAL OF SURFACE BICYCLE STALLS | 34 |

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SITE PLAN

GRANDVIEW COMMONS B-BLOCK

CITY OF MADISON, WI

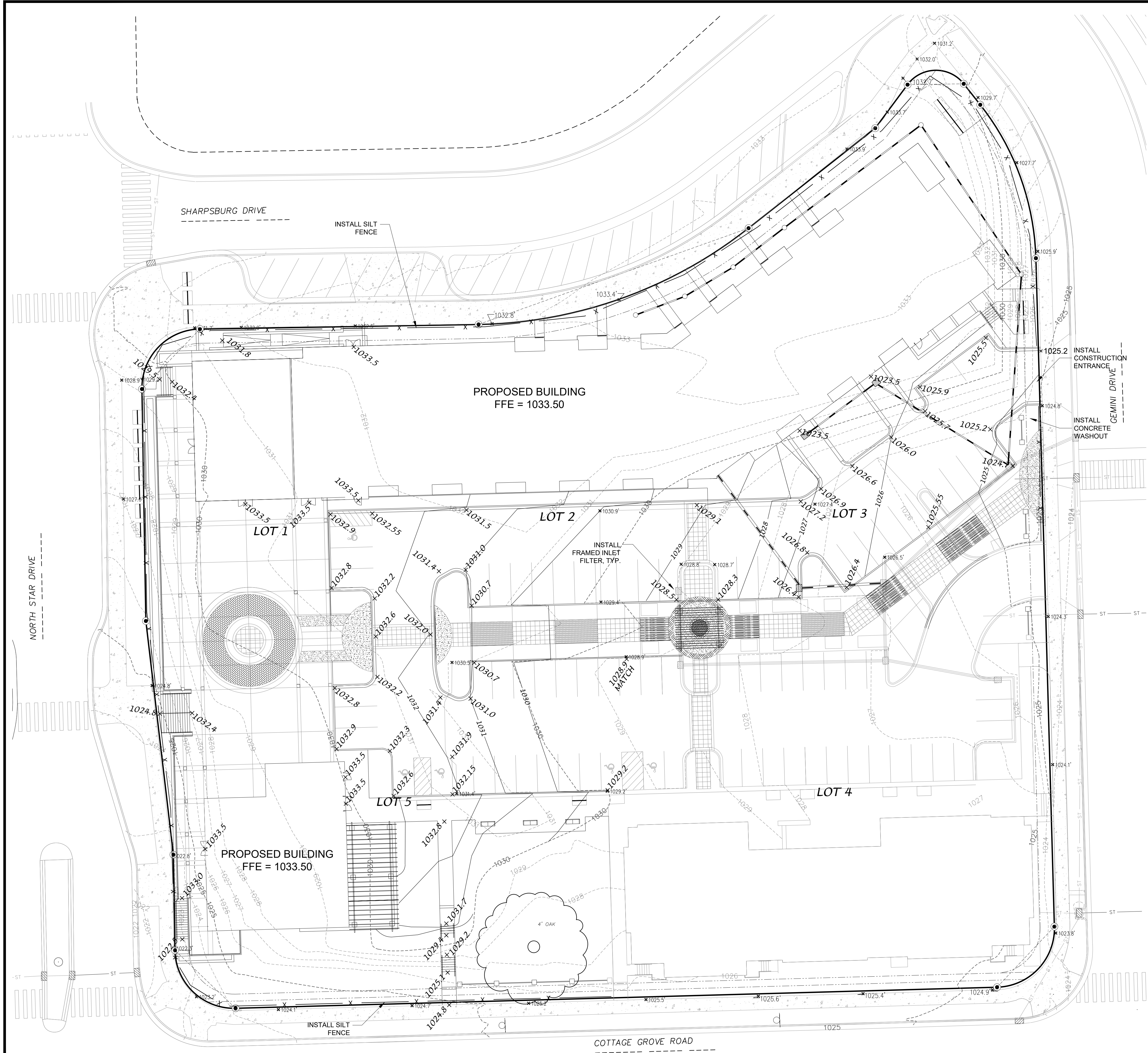
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DATE: 06/03/20
REVISED:

DRAWN BY: KWB

FN: 20-05-122

Sheet Number:
C101



LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- SPOT ELEVATION
- SILT FENCE/SILT SOCK

- GENERAL NOTES:
- ALL SITE WORK SHALL BE IN CONFORMANCE WITH THE CITY OF MADISON STANDARDS.
 - CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED.
 - BUILDING CORNERS ARE APPROXIMATE AND FOR GENERAL BUILDING FOOTPRINT ONLY.
 - IF ANY ERRORS, DISCREPANCIES OR DIMENSIONS WITH PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS AWAY FROM BUILDING FOUNDATION AND OFFSITE DURING FINAL RESTORATION.

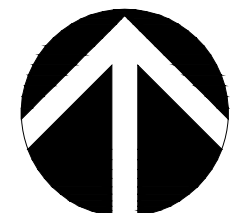
- SITE GRADING AND EROSION CONTROL NOTES:
- ALL SITE GRADING AND EROSION CONTROL SHALL CONFORM WITH THE CITY OF MADISON EROSION CONTROL ORDINANCE, WISCONSIN DNR TECHNICAL STANDARDS AND ANY ADDENDUMS ISSUED PRIOR TO THE CONTRACT BID DATE.
 - STONE TRACKING PADS AND SILT FENCE SHALL BE INSTALLED AT THE START OF SITE GRADING AND MAINTAINED UNTIL THE SITE HAS BEEN STABILIZED.
 - DISTURBED AREAS WITHIN THE CITY ROW SHALL BE RESTORED WITH SEED, FERTILIZER AND MULCH IN ACCORDANCE WITH THE CITY SPECIFICATIONS. ALL DISTURBED AREAS ON SITE SHALL BE RESTORED IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN. ANY DISTURBED SLOPES 4:1 OR STEEPER SHALL BE RESTORED WITH CLASS I URBAN, TYPE B EROSION MATTING WITHIN 48 HRS OF FINAL TOPSOIL PLACEMENT ON THE BANKS.
 - SEED: MADISON PARKS MIX APPLIED AT A RATE OF 6 POUNDS PER 1000 SF
 - FERTILIZER: FERTILIZER COMPOSITION SHALL BE DETERMINED BY A SOILS TEST AND APPLIED AT A RATE OF 0.5 NITROGEN POUNDS PER 1000 SF.
 - EROSION CONTROL SHALL BE THE RESPONSIBILITY OF THE EARTHWORK CONTRACTOR UNTIL THE SITE HAS BEEN STABILIZED. EROSION MEASURES AS LISTED SHALL BE THE MINIMUM MEASURES THAT WILL BE ACCEPTABLE.
 - THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION MEASURES AS REQUESTED IN WRITING BY THE PROJECT INSPECTOR OR THE CITY OF MADISON WITHIN 24 HOURS OF NOTIFICATION.
 - ONCE THE SITE HAS UNDERGONE FINAL RESTORATION AND VEGETATION HAS ESTABLISHED, THE SILT FENCE SHALL BE REMOVED AND IF NECESSARY RESTORED WITH FERTILIZER, SEED AND MULCH. ALTERNATIVELY, IF VEGETATION HAS NOT ESTABLISHED, EROSION MATTING MUST BE PLACED ON ALL DISTURBED AREAS THAT MAY DRAIN TOWARD THE SILT FENCE.
 - SITE INSPECTIONS SHALL BE COMPLETED ON A WEEKLY BASIS OR AFTER EVERY RAINFALL OF AT LEAST 0.5 INCHES. ALL NECESSARY REPAIRS MUST BE COMPLETED WITHIN 24 HOURS OF NOTIFICATION.
 - ALL INCIDENTAL MUD TRACKING OFF-SITE ONTO ADJACENT PUBLIC THOROUGHFARES SHALL BE CLEANED UP AND REMOVED BY THE END OF EACH WORKING DAY USING PROPER DISPOSAL METHODS.
 - PREVENT EXCESSIVE DUST FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
 - INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES
 - DEWATERING, IF APPLICABLE SHALL BE CONDUCTED PER WDNR STORM WATER MANAGEMENT TECHNICAL STANDARD 1061.
 - DURING CONSTRUCTION ALL CURB INLETS SHALL RECEIVE FLEXSTORM CATCH IT OR EQUIVALENT AND INSTALLED IMMEDIATEY AFTER INSTALLATION OF THE STRUCTURE.
 - ALL CURB INLETS SHALL RECEIVE PERMANENT FLEXSTORM PURE OR EQUIVALENT INLET FILTER BAGS WITH HR PILLOWS FOR OIL AND GREASE PROTECTION. HR PILLOW SHALL BE INSTALLED AFTER THE PARKING LOT HAS BEEN PAVED AND THE SITE STABILIZED.
 - DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING FOR COMMERCIAL DRIVEWAYS.

- CONSTRUCTION SCHEDULE
- 10-1-18 INSTALL EROSION CONTROL & BEGIN GRADING ACTIVITIES
 - 10-15-18 BEGIN UTILITY INSTALLATION
 - 10-1-18 - 6-1-19 BUILDING FOUNDATION CONSTRUCTION
 - 7-1-19 PLACE STONE ON PARKING LOT AREAS, SEED/MULCH GRASS AREAS
 - 8-1-19 PAVE PARKING LOTS
 - 10-1-19 FINAL SITE RESTORATION

GRADING & EROSION CONTROL PLAN

GRANDVIEW COMMONS B-BLOCK

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(PAGE SIZE: 24x36)

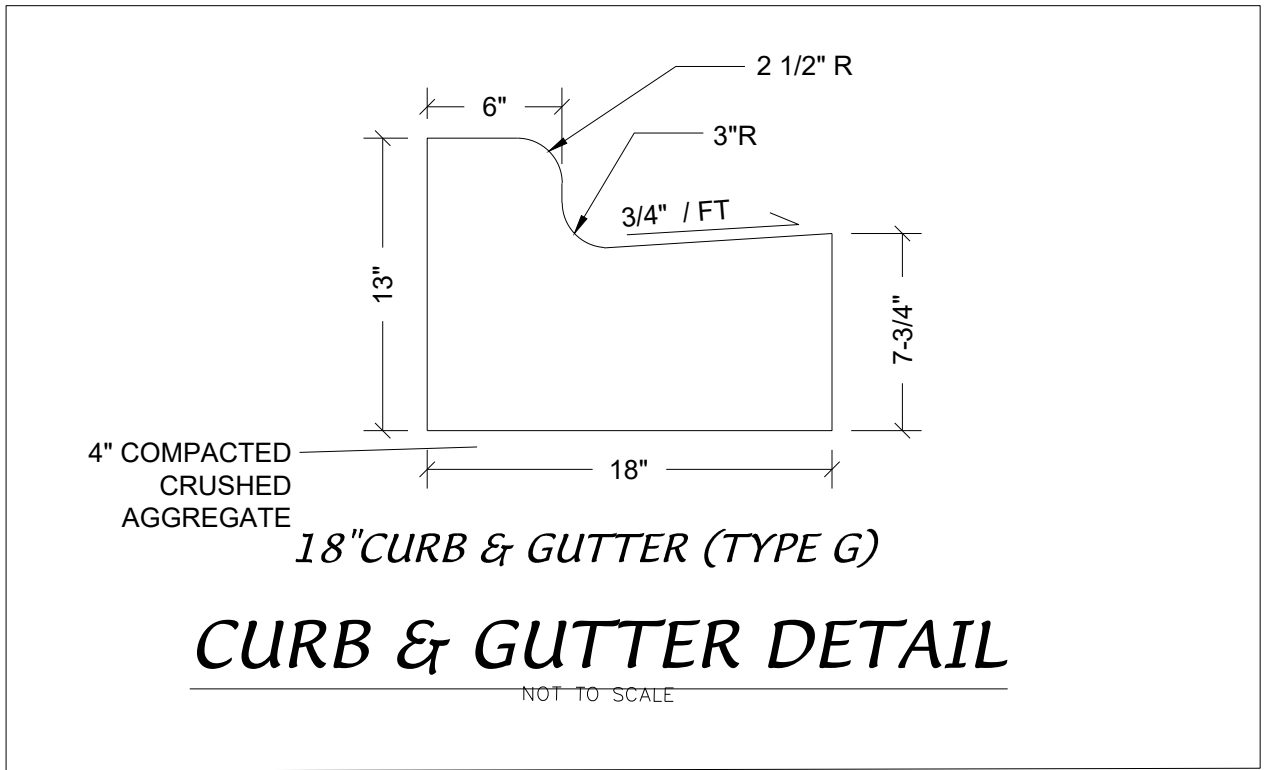
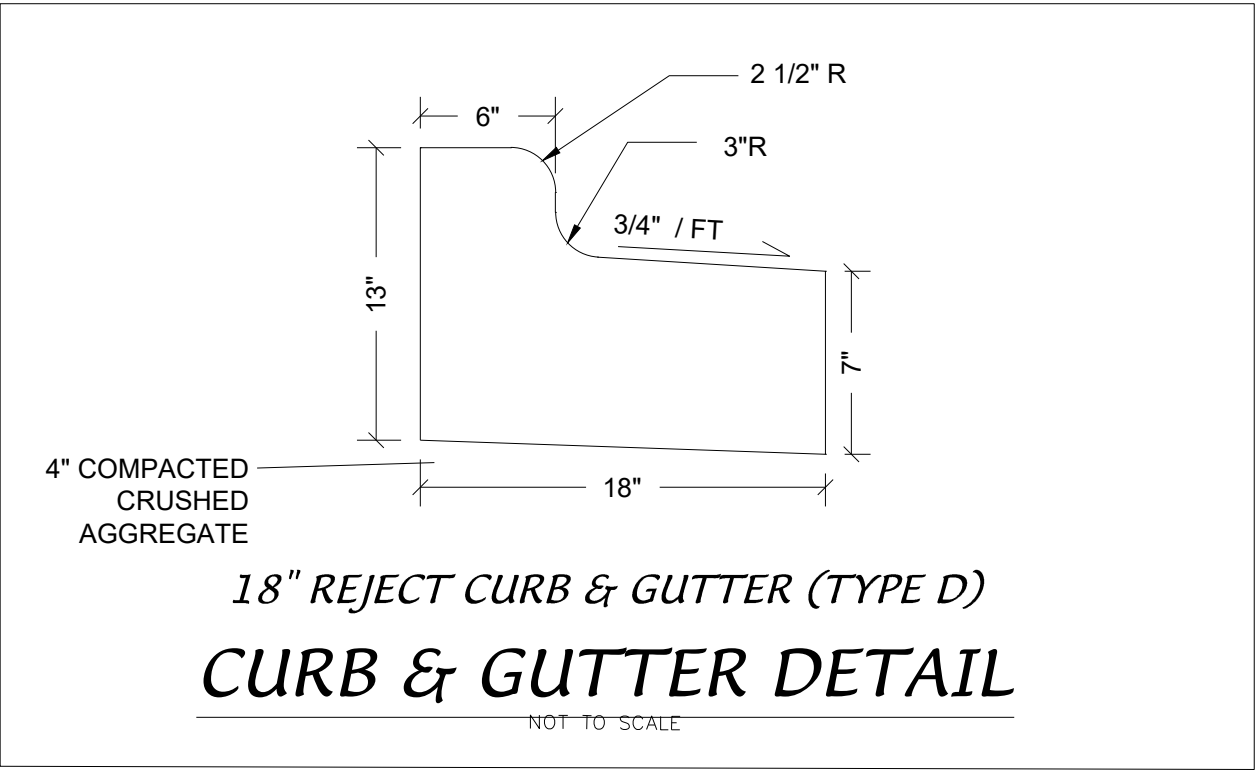
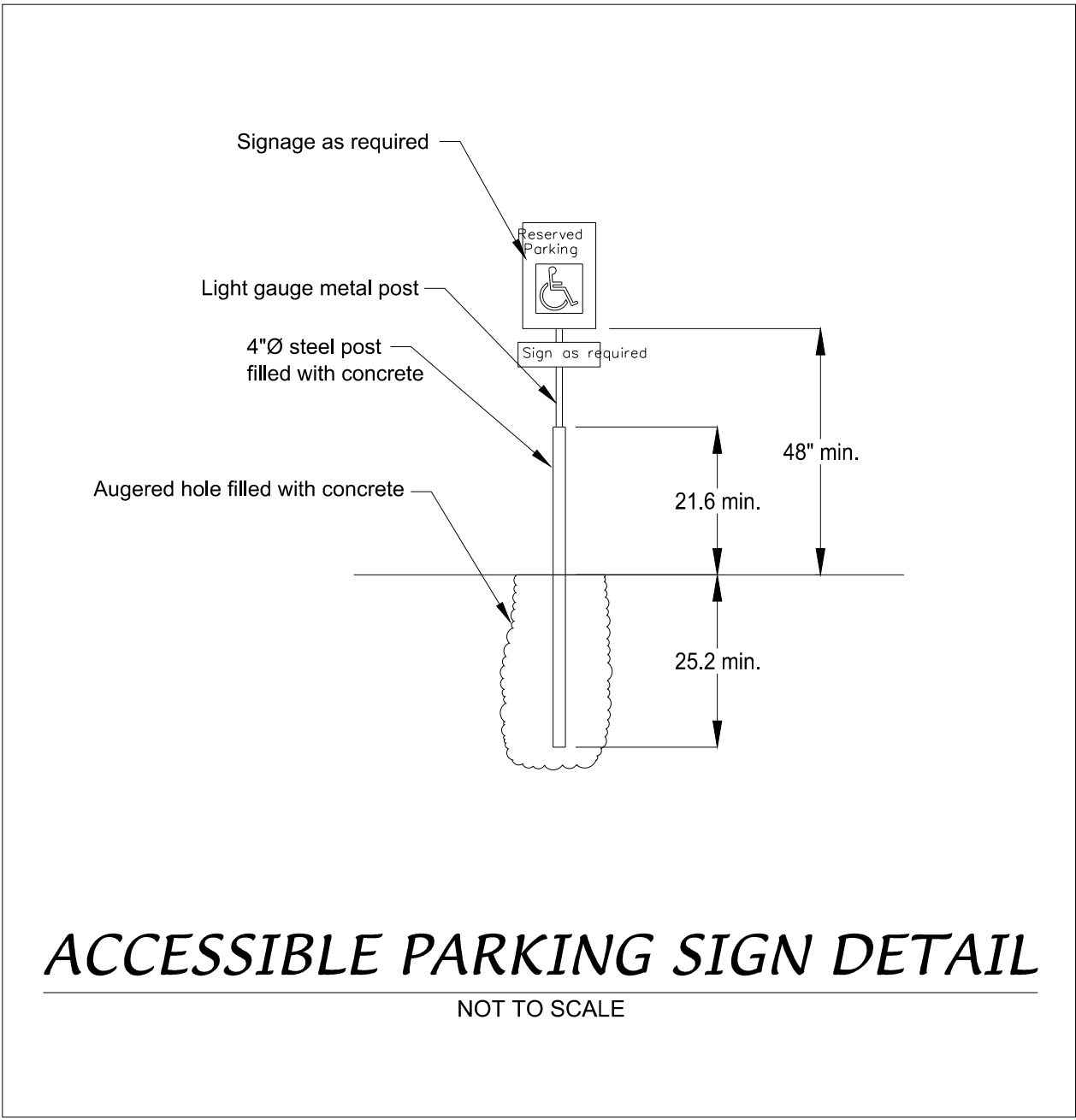
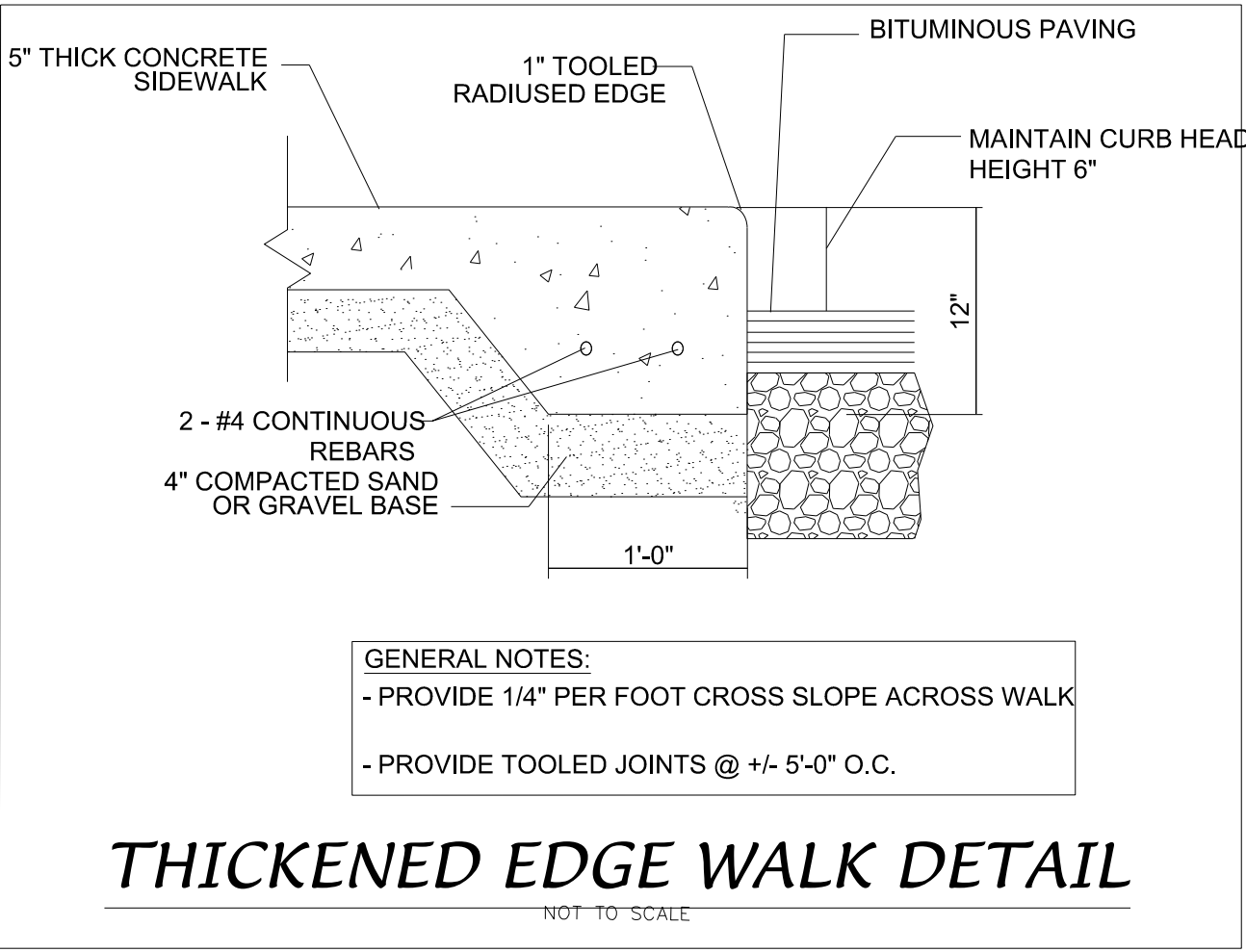
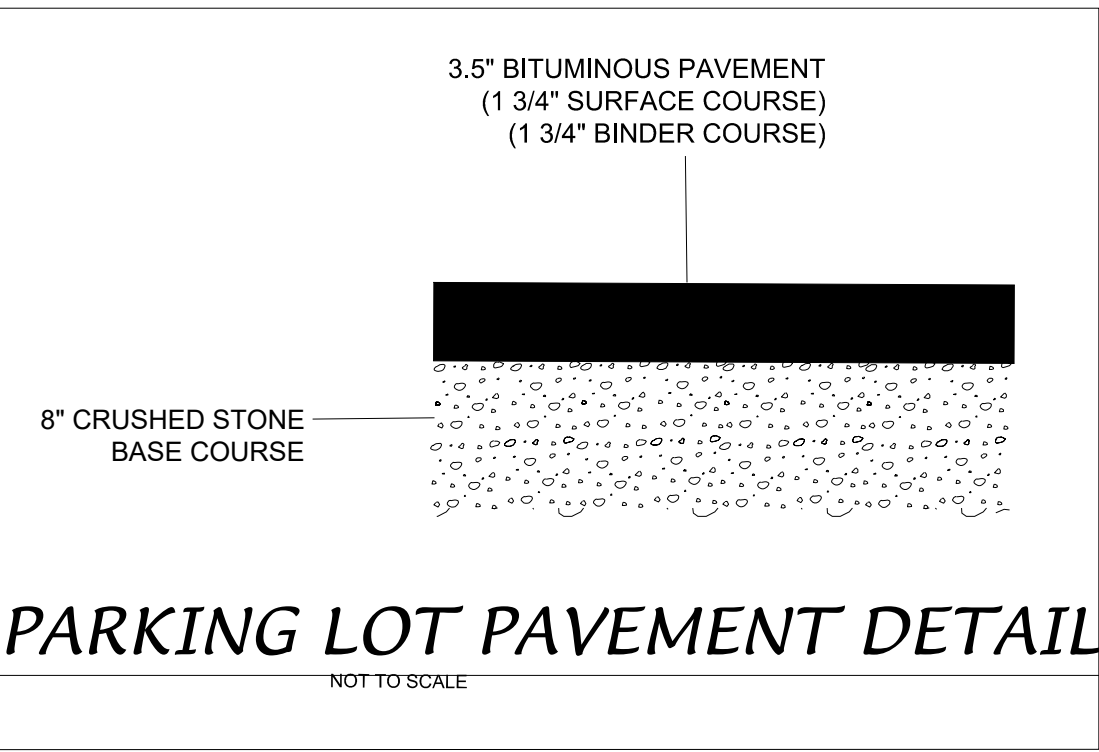
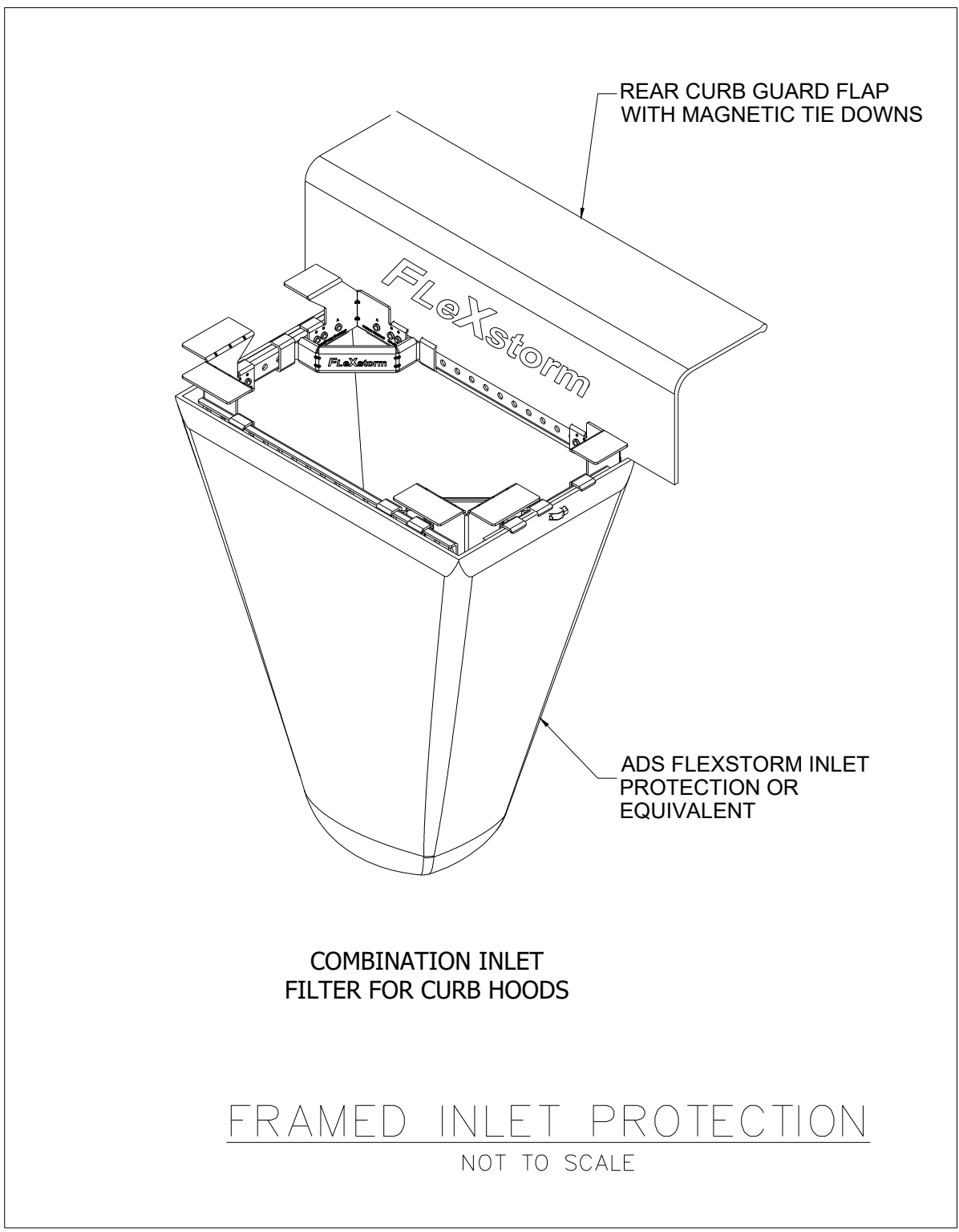
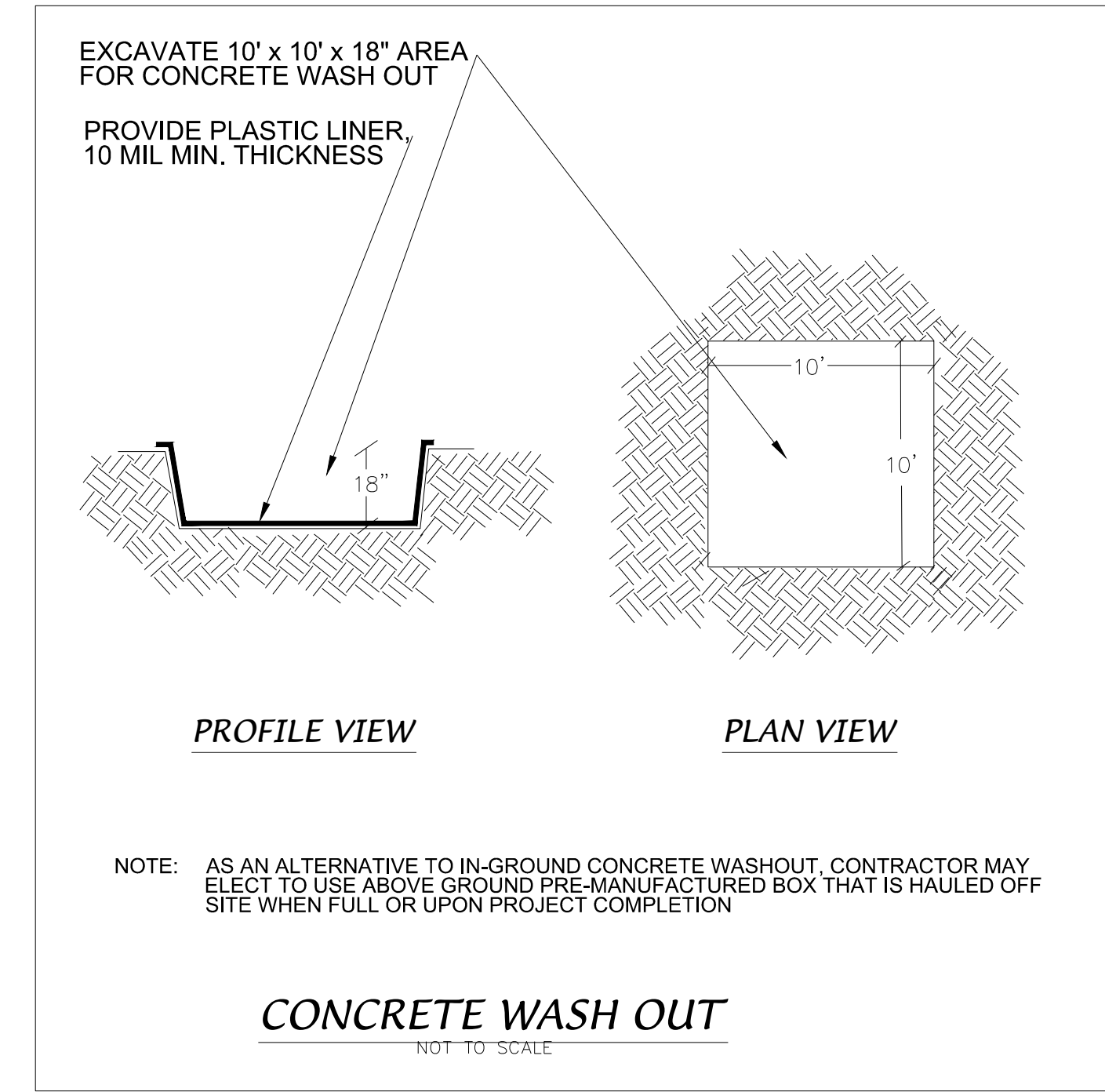
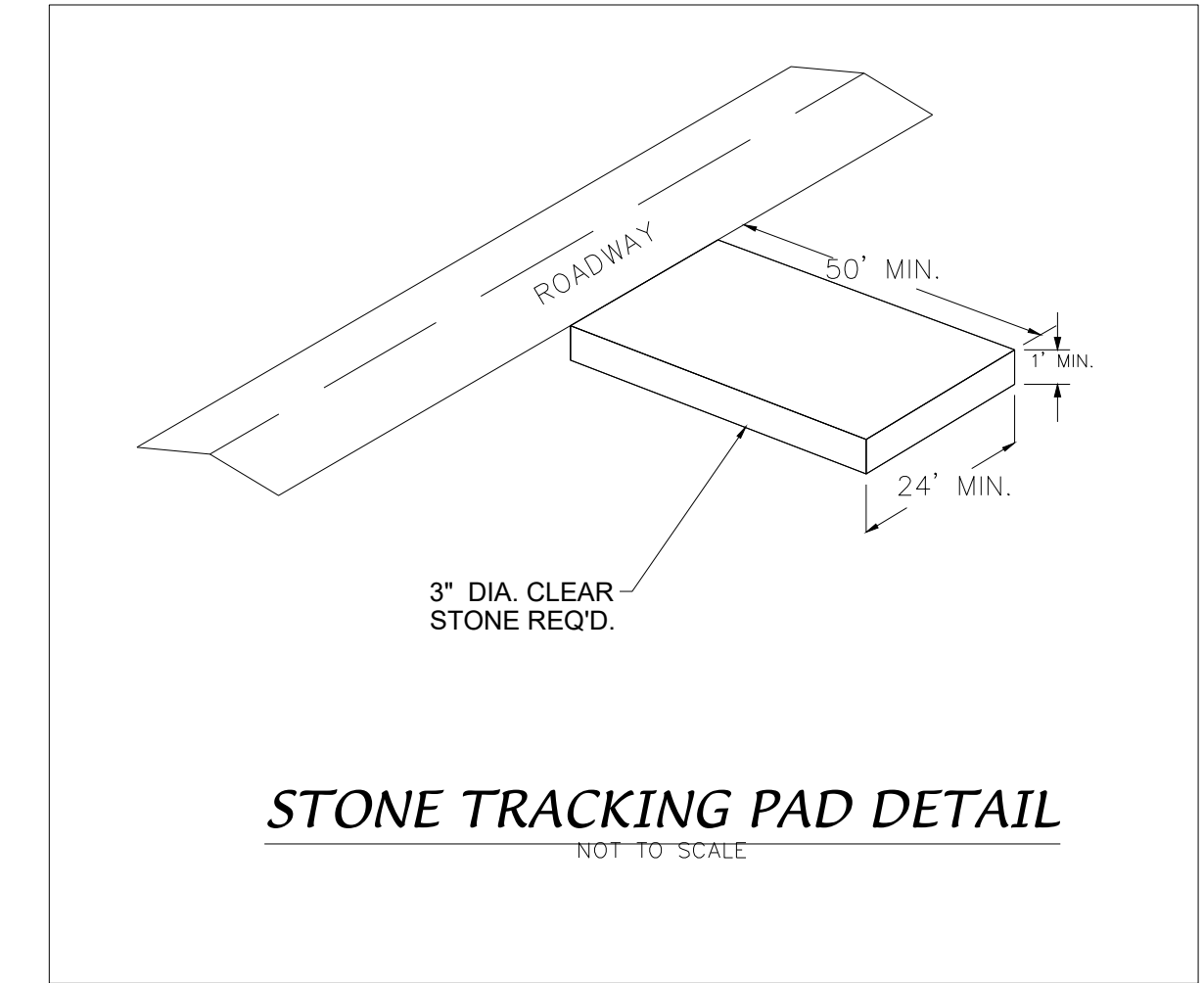
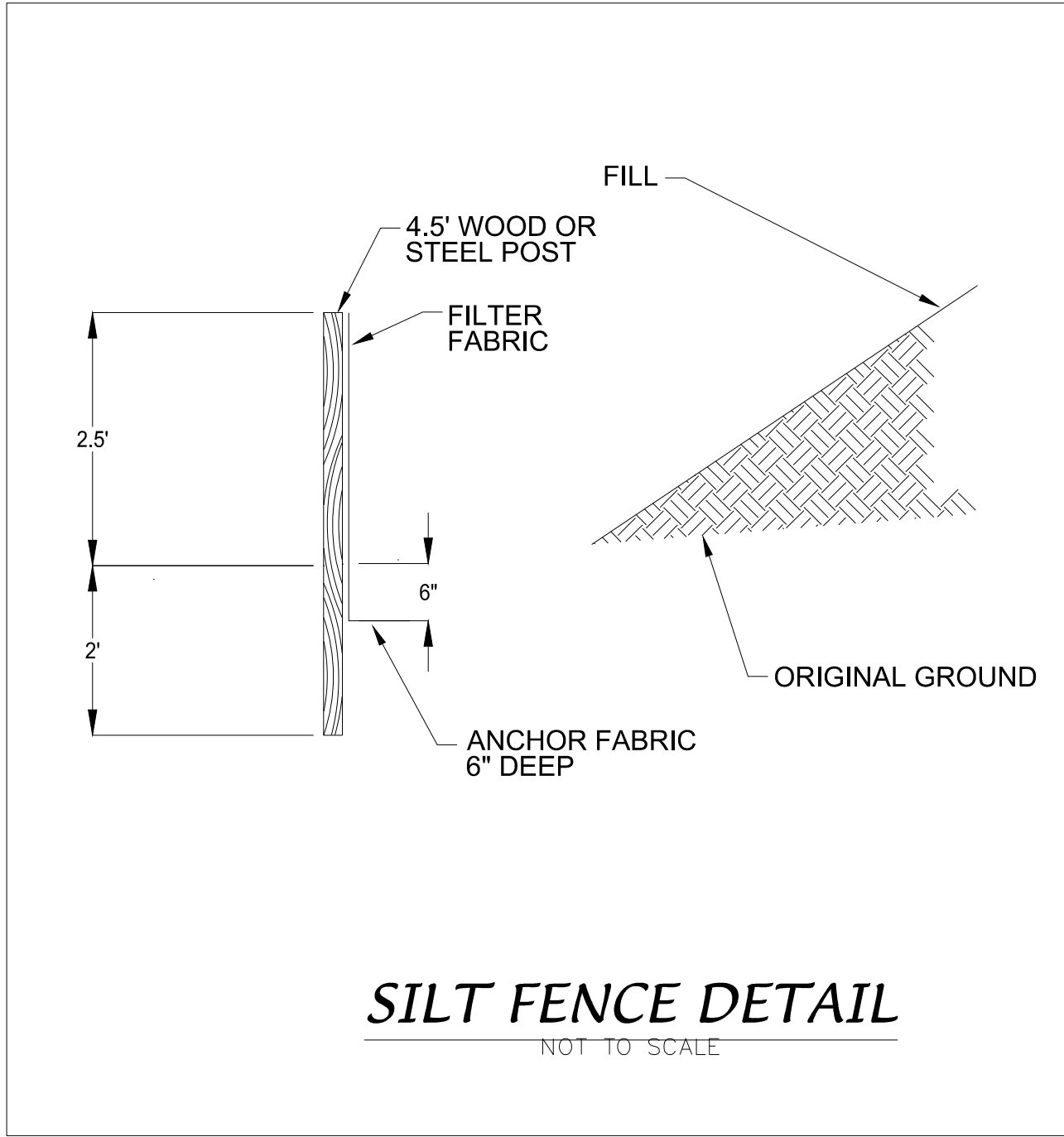
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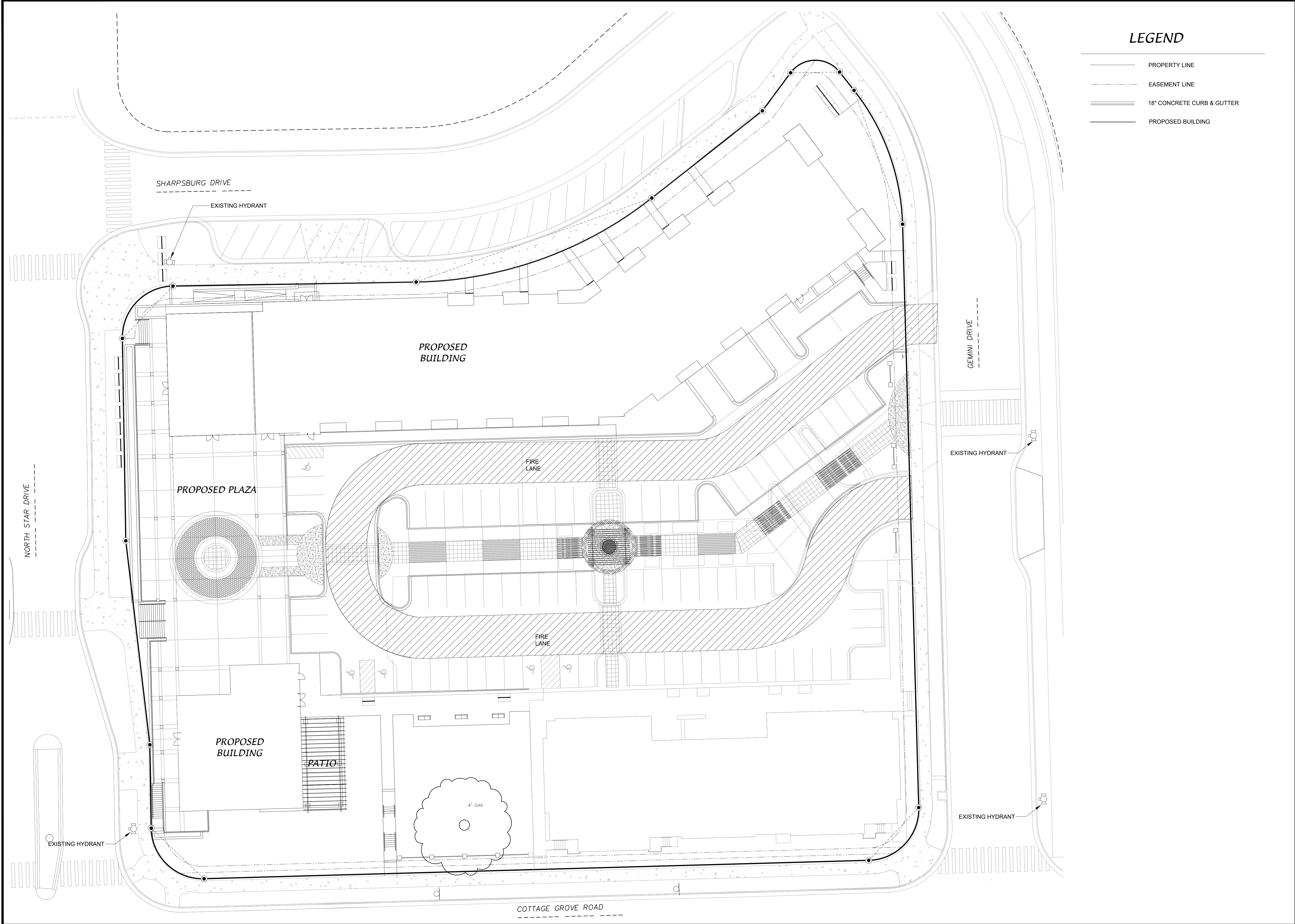
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FN: 20-05-122

Sheet Number:

C102





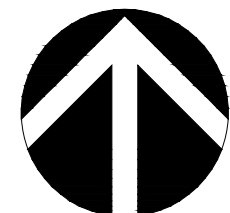
LEGEND

- PROPERTY LINE
- EASEMENT LINE
- 18" CONCRETE CURB & GUTTER
- PROPOSED BUILDING

FIRE ACCESS PLAN

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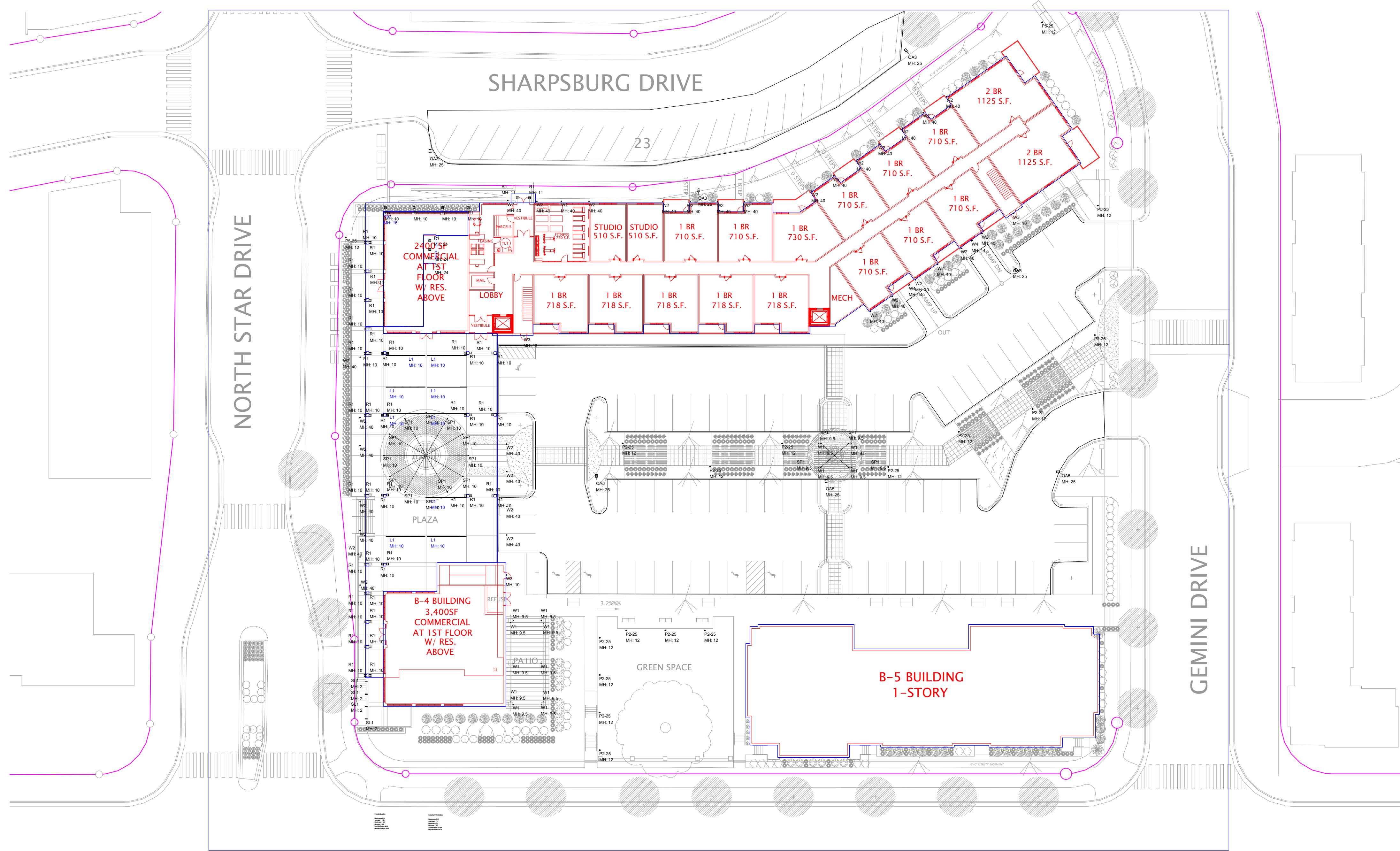
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Sheet Number:

C105





| Luminaire Schedule | | | | | | |
|--------------------|-------|-------------|-------|--------------------|--------------------------------|------------|
| Qty | Label | Arrangement | LF/F | MFR | Description | Lum. Watts |
| 9 | L1 | GROUP | 0.950 | MARK ARCHITECTURAL | SL2L 18" T FLIP BOCR w/ 200LMF | N.A. |
| 3 | CA3 | SINGLE | 0.950 | LITHONIA | RSX1 LED P2 w/ R3 | 72.95 |
| 4 | CA5 | SINGLE | 0.950 | LITHONIA | RSX1 LED P4 w/ R3 (25FT MH) | 133.14 |
| 14 | P2-25 | SINGLE | 0.950 | LUMINIS | LO841-L1L35-R2 LQ9893 | 24.5 |
| 3 | P2-25 | SINGLE | 0.950 | LUMINIS | LO841-L1L35-R2 LQ9893 | 24.5 |
| 23 | R1 | SINGLE | 0.950 | LITELINE | RA2+7F-00WH - 30 | 6.87 |
| 4 | SL1 | SINGLE | 0.950 | FC LIGHTING | FSBL203-120V-4K-BK ETL FIXTURE | 15.697 |
| 16 | SP1 | SINGLE | 0.950 | DESIGNPLAN | 10140P-w/4K-35 | 11 |
| 1 | T37 | GROUP | 0.940 | REBORNLYTE | 4W WET LOCATION TAPE LIGHT 8FT | N.A. |
| 14 | W1 | SINGLE | 0.950 | GOYTHAM | IC020WC 30W MR LED 2500 | 5.6 |
| 32 | W2 | SINGLE | 0.950 | GOYTHAM | IC040WC 30.20 AR LED 150 | 21.45 |
| 3 | W3 | SINGLE | 0.950 | LITHONIA | WDOE1 LED P4 w/ R3 BCRF VF | 10.0002 |
| 2 | W4 | SINGLE | 0.950 | LITHONIA | WDOE2 LED P4 w/ R3 BCRF VF | 34.96 |

| Calculation Summary | | | | | | |
|---------------------|-------------|-------|------|-------|------|---------|
| Label | CalcType | Units | Avg | Max | Min | Max/Min |
| LOFT | Illuminance | Fc | 5.34 | 20.7 | 0.2 | 26.70 |
| DATE | Illuminance | Fc | 1.63 | 28.10 | 0.00 | N.A. |
| PARKING AREA | Illuminance | Fc | 1.43 | 12.9 | 0.5 | 2.86 |
| ROADWAY PARKING | Illuminance | Fc | 1.32 | 3.0 | 0.7 | 1.89 |

GRANDVIEW COMMONS
TOWN CENTER

MADISON, WISCONSIN

LIGHTING LAYOUT

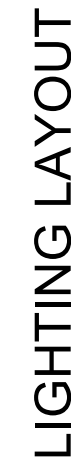
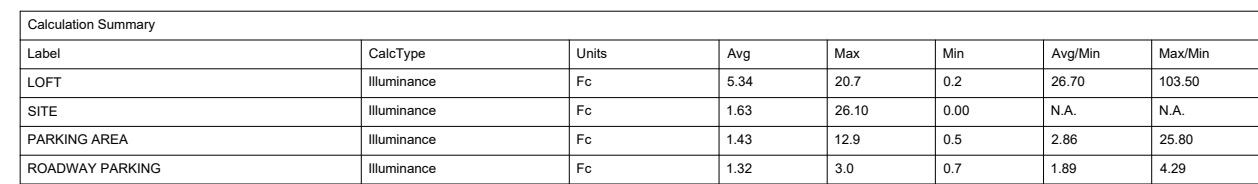
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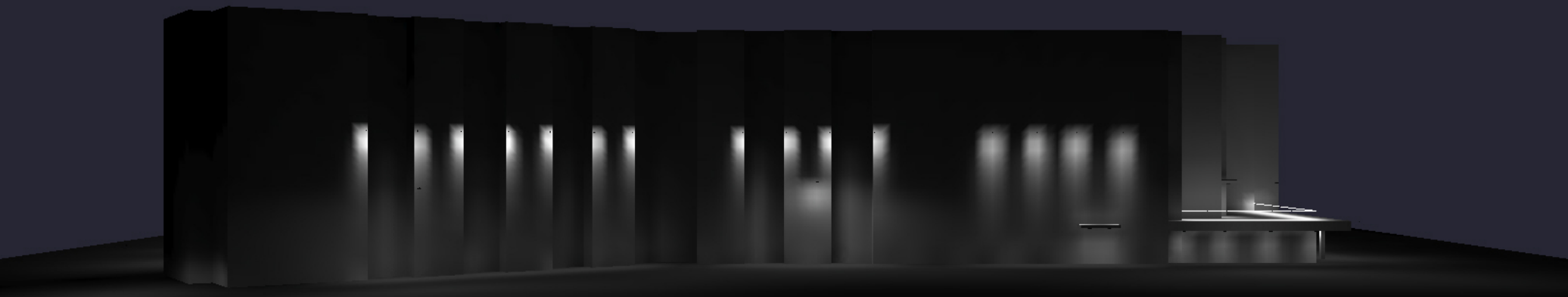
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ENTERPRISE
Lighting & Control

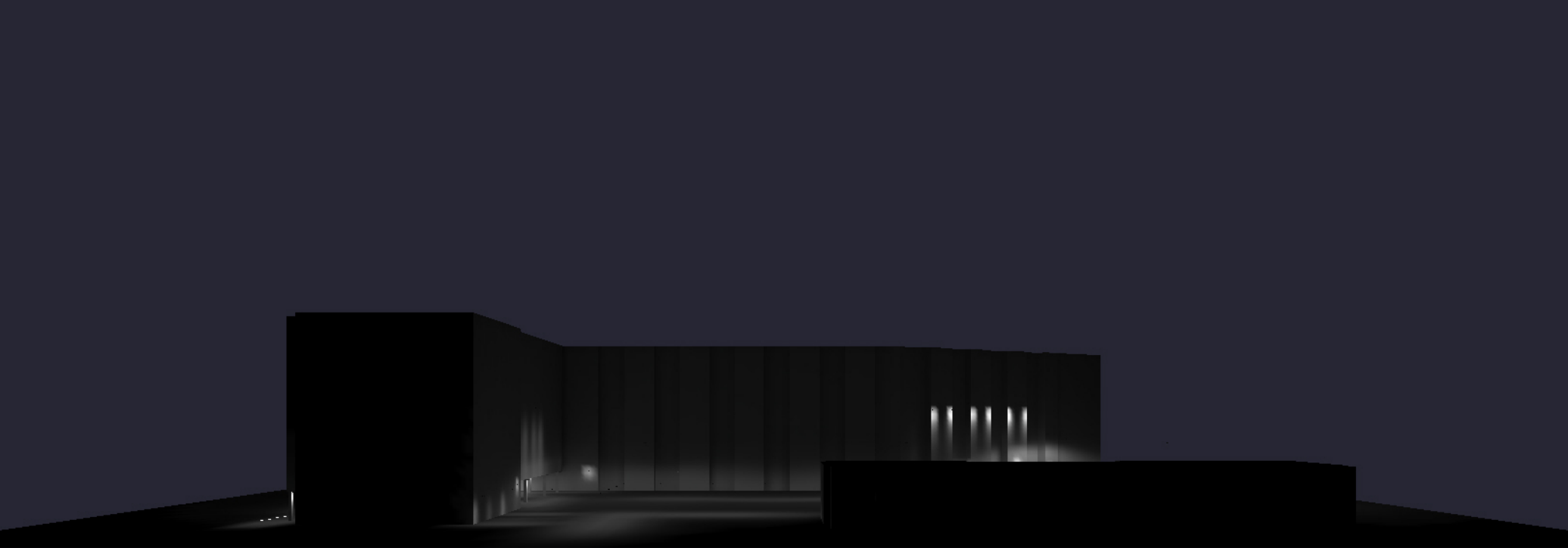




AREAL VIEW



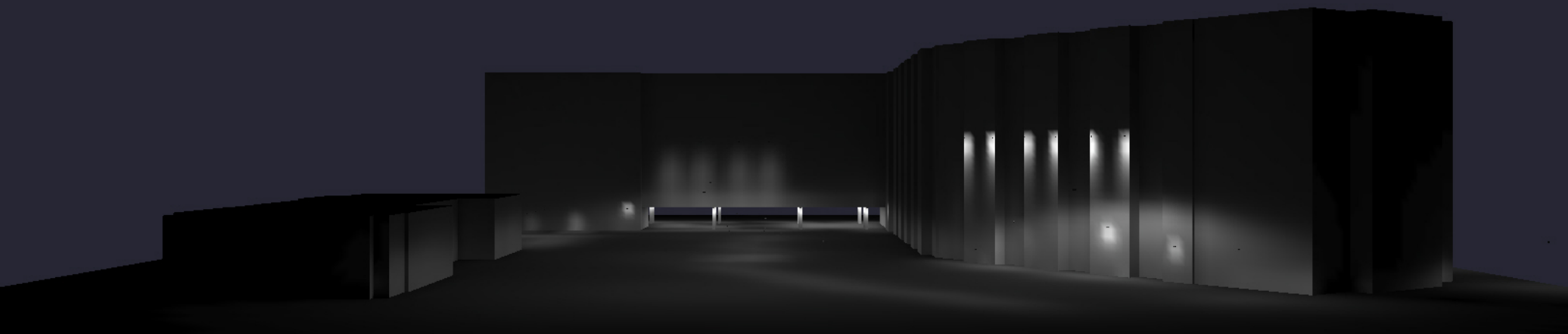
VIEW FROM SHARPSBURG DRIVE



VIEW FROM COTTAGE GROVE ROAD



VIEW FROM NORTHSTARD DRIVE



VIEW FROM GEMINI DRIVE



RSX1 LED Area Luminaire

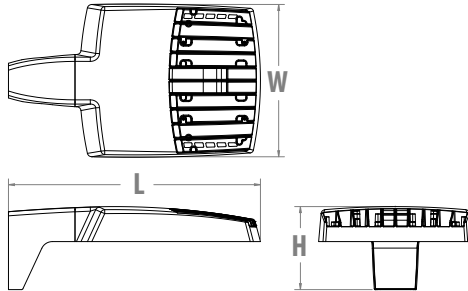


| |
|----------------|
| Catalog Number |
| Notes |
| Type |

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

Specifications

| | |
|---------------|---|
| EPA (ft²@0°): | 0.57 ft² (0.05 m²) |
| Length: | 21.8" (55.4 cm) (SPA mount) |
| Width: | 13.3" (33.8 cm) |
| Height: | 3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm |
| Weight (max): | 31.0 lbs (14.1 kg) |



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

| RSX1 LED | | | | | |
|----------|---------------------|-------------------|---|---|--|
| Series | Performance Package | Color Temperature | Distribution | Voltage | Mounting |
| RSX1 LED | P1 | 30K 3000K | R2 Type 2 Wide | MVOLT (120V-277V) ² | SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) |
| | P2 | 40K 4000K | R3 Type 3 Wide | HVOLT (347V-480V) ³ | RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) |
| | P3 | 50K 5000K | R3S Type 3 Short | (use specific voltage for options as noted) | MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) |
| | P4 | | R4 Type 4 Wide | | IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁵ |
| | | | R4S Type 4 Short | | WBA Wall bracket ¹ |
| | | | R5 Type 5 Wide ¹ | | WBASC Wall bracket with surface conduit box |
| | | | R5S Type 5 Short ¹ | 120 ³ 277 ⁴ | AASP Adjustable tilt arm square pole mounting ⁵ |
| | | | AFR Automotive Front Row | 208 ³ 347 ⁴ | AARP Adjustable tilt arm round pole mounting ⁵ |
| | | | AFRR90 Automotive Front Row Right Rotated | 240 ³ 480 ⁴ | AAWB Adjustable tilt arm with wall bracket ⁵ |
| | | | AFRL90 Automotive Front Row Left Rotated | | AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁵ |

| Options | | | Finish | |
|---|--|--|---|---------------------------|
| Shipped Installed HS House-side shield ⁶ PE Photocontrol, button style ^{7,8} PEX Photocontrol external threaded, adjustable ^{8,9} PER7 Seven-wire twist-lock receptacle only (no controls) ^{8,10,11,12} CE34 Conduit entry 3/4" NPT (Qty 2) SF Single fuse (120, 277, 347) ⁴ DF Double fuse (208, 240, 480) ⁴ SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output ^{8,12} DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ^{8,12} | | | Shipped Installed *Standalone and Networked Sensors/Controls (factory default settings, see table page 9) NLTAIR2 nLight AIR generation 2 ^{12,13,14} PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) ^{12,14,15} *Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted. Shipped Separately (requires some field assembly) EGS External glare shield ⁶ EGFV External glare full visor (360° around light aperture) ⁶ BS Bird spikes ¹⁶ | |
| | | | DDBXD | Dark Bronze |
| | | | DBLXD | Black |
| | | | DNAXD | Natural Aluminum |
| | | | DWHXD | White |
| | | | DDBTXD | Textured Dark Bronze |
| | | | DBLBXD | Textured Black |
| | | | DNATXD | Textured Natural Aluminum |
| | | | DWHGXD | Textured White |



COMMERCIAL OUTDOOR

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Lithonia RSX1 Area LED
Rev. 02/17/20
Page 1 of 9

Ordering Information

Accessories

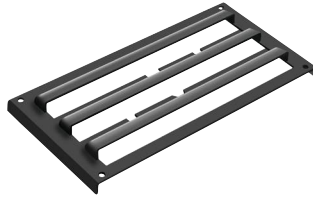
Ordered and shipped separately.

| | |
|---------------------|--|
| RSX1HS | RSX1 House side shield (includes 1 shield) |
| RSX1HSAFRR U | RSX1 House side shield for AFR rotated optics (includes 1 shield) |
| RSX1EGS (FINISH) U | External glare shield (specify finish) |
| RSX1EGFV (FINISH) U | External glare full visor (specify finish) |
| RSXRPA (FINISH) U | RSX Universal round pole adaptor plate (specify finish) |
| RSXWBA (FINISH) U | RSX WBA wall bracket (specify finish) ¹ |
| RSXSCB (FINISH) U | RSX Surface conduit box (specify finish, for use with WBA, WBA not included) |
| DLL127F 1.5 JU | Photocell -SSL twist-lock (120-277V) ¹⁷ |
| DLL347F 1.5 CUL JU | Photocell -SSL twist-lock (347V) ¹⁷ |
| DLL480F 1.5 CUL JU | Photocell -SSL twist-lock (480V) ¹⁷ |
| DSHORT SBK U | Shorting cap ¹⁷ |

NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN).
- Requires 120V, 208V, 240V, 277V or 347V.
- Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
- Must be ordered with PIRHN.
- Requires MVOLT or HVOLT.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield



External Glare Shield

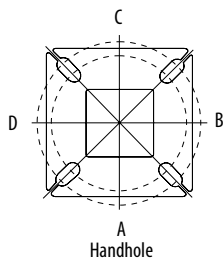


External 360 Full Visor

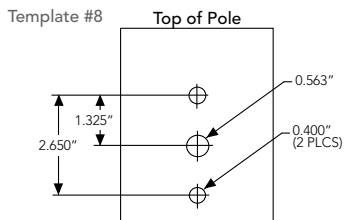
Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

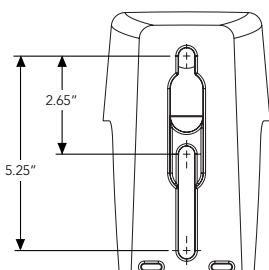
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters










| Tenon O.D. | RSX Mounting | Single | 2 at 180° | 2 at 90° | 3 at 120° | 3 at 90° | 4 at 90° |
|------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2 - 3/8" | RPA, AARP | AS3-5 190 | AS3-5 280 | AS3-5 290 | AS3-5 320 | AS3-5 390 | AS3-5 490 |
| 2 - 7/8" | RPA, AARP | AST25-190 | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
| 4" | RPA, AARP | AST35-190 | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |

Drill/Side Location by Configuration Type

| Drilling Template | Mounting Option | Single | 2 @ 180 | 2 @ 90 | 3 @ 120 | 3 @ 90 | 4 @ 90 |
|-------------------|--------------------|--------|------------|------------|-----------------|---------------|------------------|
| | Head Location | Side B | Side B & D | Side B & C | Round Pole Only | Side B, C & D | Side A, B, C & D |
| #8 | Drill Nomenclature | DM19AS | DM28AS | DM29AS | DM32AS | DM39AS | DM49AS |

RSX1 - Luminaire EPA

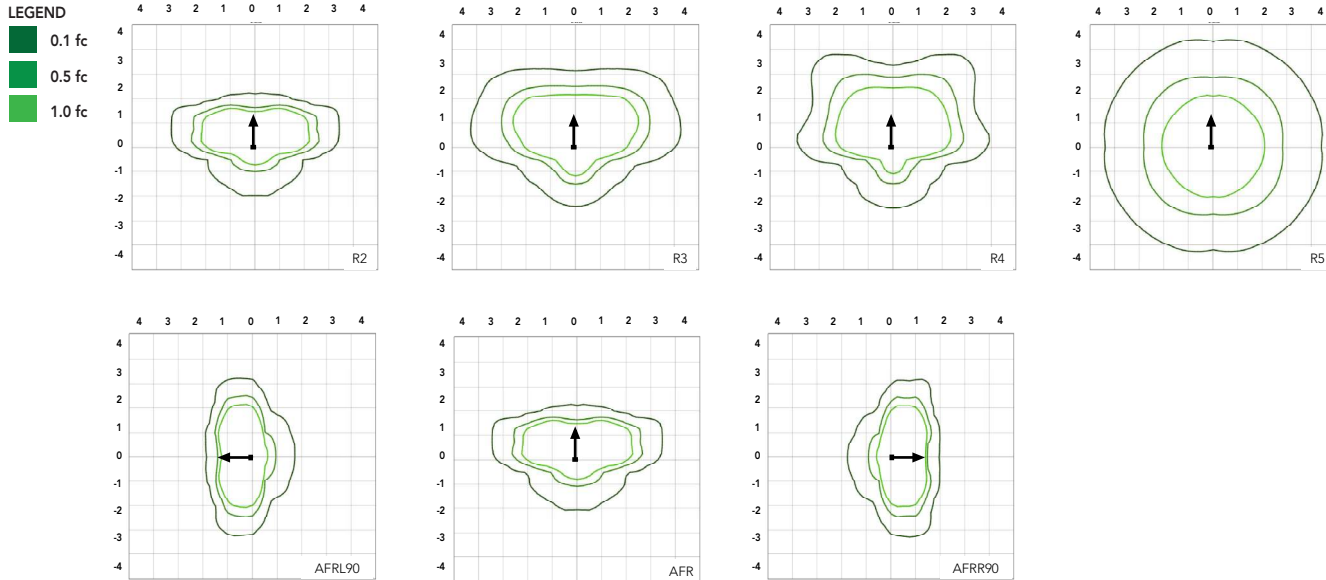
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

| Fixture Quantity & Mounting Configuration | | Single | 2 @ 90 | 2 @ 180 | 3 @ 90 | 3 @ 120 | 4 @ 90 | 2 Side by Side | 3 Side by Side | 4 Side by Side |
|---|------|---|---|---|--|---|---|---|---|---|
| Mounting Type | Tilt |  |  |  |  |  |  |  |  |  |
| SPA - Square Pole Adaptor | 0 ° | 0.57 | 1.03 | 1.05 | 1.52 | 1.36 | 2.03 | 1.31 | 1.7 | 2.26 |
| RPA - Round Pole Adaptor | | 0.62 | 1.08 | 1.15 | 1.62 | 1.46 | 2.13 | 1.36 | 1.8 | 2.36 |
| MA - Mast Arm Adaptor | | 0.49 | 0.95 | 0.89 | 1.36 | 1.2 | 1.87 | 1.23 | 1.54 | 2.1 |
| | | | | | | | | | | |
| IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole | 0 ° | 0.57 | 1.03 | 1.05 | 1.52 | 1.36 | 2.03 | 1.31 | 1.7 | 2.26 |
| | 10° | 0.68 | 1.34 | 1.33 | 2 | 1.74 | 2.64 | 1.35 | 2.03 | 2.71 |
| | 20° | 0.87 | 1.71 | 1.73 | 2.56 | 2.26 | 3.42 | 1.75 | 2.62 | 3.49 |
| | 30° | 1.24 | 2.19 | 2.3 | 3.21 | 2.87 | 4.36 | 2.49 | 3.73 | 4.97 |
| | 40° | 1.81 | 2.68 | 2.98 | 3.85 | 3.68 | 5.30 | 3.62 | 5.43 | 7.24 |
| | 45° | 2.11 | 2.92 | 3.44 | 4.2 | 4.08 | 5.77 | 4.22 | 6.33 | 8.44 |
| | 50° | 2.31 | 3.17 | 3.72 | 4.52 | 4.44 | 6.26 | 4.62 | 6.94 | 9.25 |
| | 60° | 2.71 | 3.66 | 4.38 | 5.21 | 5.15 | 7.24 | 5.43 | 8.14 | 10.86 |
| | 70° | 2.78 | 3.98 | 4.54 | 5.67 | 5.47 | 7.91 | 5.52 | 8.27 | 11.03 |
| | 80° | 2.76 | 4.18 | 4.62 | 5.97 | 5.76 | 8.31 | 5.51 | 8.27 | 11.03 |
| | 90° | 2.73 | 4.25 | 4.64 | 6.11 | 5.91 | 8.47 | 5.45 | 8.18 | 10.97 |

Photometric Diagrams

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

Isofootcandle plots for the RSX1 LED P4 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

| Ambient | Ambient | Lumen Multiplier |
|---------|---------|------------------|
| 0°C | 32°F | 1.05 |
| 5°C | 41°F | 1.04 |
| 10°C | 50°F | 1.03 |
| 15°C | 59°F | 1.02 |
| 20°C | 68°F | 1.01 |
| 25°C | 77°F | 1.00 |
| 30°C | 86°F | 0.99 |
| 35°C | 95°F | 0.98 |
| 40°C | 104°F | 0.97 |
| 45°C | 113°F | 0.96 |
| 50°C | 122°F | 0.95 |

Electrical Load

| Performance Package | System Watts (W) | Current (A) | | | | | |
|---------------------|------------------|-------------|------|------|------|------|------|
| | | 120V | 208V | 240V | 277V | 347V | 480V |
| P1 | 51W | 0.42 | 0.25 | 0.21 | 0.19 | 0.14 | 0.11 |
| P2 | 72W | 0.60 | 0.35 | 0.30 | 0.26 | 0.21 | 0.15 |
| P3 | 109W | 0.91 | 0.52 | 0.45 | 0.39 | 0.31 | 0.23 |
| P4 | 133W | 1.11 | 0.64 | 0.55 | 0.48 | 0.38 | 0.27 |

Projected LED Lumen Maintenance

| Operating Hours | 50,000 | 75,000 | 100,000 |
|--------------------------|--------|--------|---------|
| Lumen Maintenance Factor | >0.97 | >0.95 | >0.92 |

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Performance Data

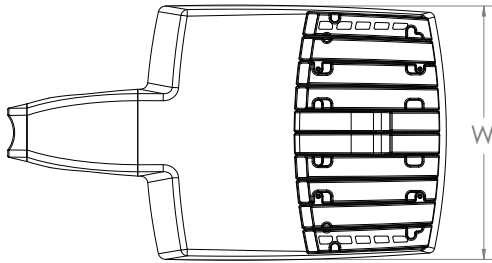
Lumen Output

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. Contact factory for performance data on any configurations not shown here.

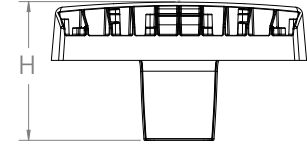
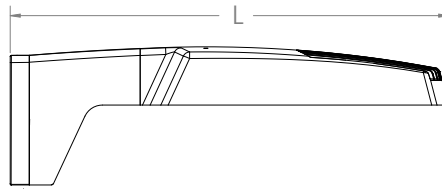
| Performance Package | System Watts | Distribution Type | 30K (3000K, 70 CRI) | | | | | 40K (4000K, 70 CRI) | | | | | 50K (5000K, 70 CRI) | | | | |
|---------------------|--------------|-------------------|---------------------|---|---|---|-----|---------------------|---|---|---|-----|---------------------|---|---|---|-----|
| | | | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW |
| P1 | 51W | R2 | 6,482 | 1 | 0 | 1 | 126 | 7,121 | 1 | 0 | 1 | 139 | 7,121 | 1 | 0 | 1 | 139 |
| | | R3 | 6,459 | 1 | 0 | 2 | 127 | 7,096 | 1 | 0 | 2 | 139 | 7,096 | 1 | 0 | 2 | 139 |
| | | R3S | 6,631 | 1 | 0 | 1 | 129 | 7,286 | 1 | 0 | 2 | 142 | 7,286 | 1 | 0 | 2 | 142 |
| | | R4 | 6,543 | 1 | 0 | 2 | 128 | 7,189 | 1 | 0 | 2 | 141 | 7,189 | 1 | 0 | 2 | 141 |
| | | R4S | 6,313 | 1 | 0 | 1 | 124 | 6,936 | 1 | 0 | 1 | 136 | 6,936 | 1 | 0 | 1 | 136 |
| | | R5 | 6,631 | 3 | 0 | 2 | 130 | 7,286 | 3 | 0 | 2 | 143 | 7,286 | 3 | 0 | 2 | 143 |
| | | R5S | 6,807 | 3 | 0 | 1 | 133 | 7,479 | 3 | 0 | 1 | 147 | 7,479 | 3 | 0 | 1 | 147 |
| | | AFR | 6,473 | 1 | 0 | 1 | 127 | 7,112 | 1 | 0 | 1 | 139 | 7,112 | 1 | 0 | 1 | 139 |
| | | AFRR90 | 6,535 | 2 | 0 | 2 | 127 | 7,179 | 2 | 0 | 2 | 140 | 7,179 | 2 | 0 | 2 | 140 |
| | | AFRL90 | 6,562 | 2 | 0 | 1 | 128 | 7,210 | 2 | 0 | 2 | 140 | 7,210 | 2 | 0 | 2 | 140 |
| P2 | 72W | R2 | 8,991 | 2 | 0 | 1 | 123 | 9,878 | 2 | 0 | 1 | 135 | 9,878 | 2 | 0 | 1 | 135 |
| | | R3 | 8,959 | 2 | 0 | 2 | 124 | 9,843 | 2 | 0 | 2 | 137 | 9,843 | 2 | 0 | 2 | 137 |
| | | R3S | 9,198 | 2 | 0 | 2 | 126 | 10,106 | 2 | 0 | 2 | 139 | 10,106 | 2 | 0 | 2 | 139 |
| | | R4 | 9,077 | 2 | 0 | 2 | 126 | 9,972 | 2 | 0 | 2 | 139 | 9,972 | 2 | 0 | 2 | 139 |
| | | R4S | 8,757 | 1 | 0 | 2 | 122 | 9,622 | 2 | 0 | 2 | 134 | 9,622 | 2 | 0 | 2 | 134 |
| | | R5 | 9,198 | 4 | 0 | 2 | 128 | 10,106 | 4 | 0 | 2 | 140 | 10,106 | 4 | 0 | 2 | 140 |
| | | R5S | 9,443 | 3 | 0 | 1 | 131 | 10,374 | 3 | 0 | 1 | 144 | 10,374 | 3 | 0 | 1 | 144 |
| | | AFR | 8,979 | 2 | 0 | 1 | 125 | 9,865 | 2 | 0 | 1 | 137 | 9,865 | 2 | 0 | 1 | 137 |
| | | AFRR90 | 9,064 | 3 | 0 | 2 | 124 | 9,959 | 3 | 0 | 2 | 137 | 9,959 | 3 | 0 | 2 | 137 |
| | | AFRL90 | 9,102 | 3 | 0 | 2 | 125 | 10,001 | 3 | 0 | 2 | 137 | 10,001 | 3 | 0 | 2 | 137 |
| P3 | 109W | R2 | 12,808 | 2 | 0 | 1 | 117 | 14,072 | 2 | 0 | 2 | 129 | 14,072 | 2 | 0 | 2 | 129 |
| | | R3 | 12,763 | 2 | 0 | 2 | 117 | 14,023 | 2 | 0 | 2 | 129 | 14,023 | 2 | 0 | 2 | 129 |
| | | R3S | 13,104 | 2 | 0 | 2 | 120 | 14,397 | 2 | 0 | 2 | 132 | 14,397 | 2 | 0 | 2 | 132 |
| | | R4 | 12,930 | 2 | 0 | 2 | 119 | 14,206 | 2 | 0 | 2 | 130 | 14,206 | 2 | 0 | 2 | 130 |
| | | R4S | 12,475 | 2 | 0 | 2 | 114 | 13,707 | 2 | 0 | 2 | 126 | 13,707 | 2 | 0 | 2 | 126 |
| | | R5 | 13,104 | 4 | 0 | 2 | 120 | 14,397 | 4 | 0 | 2 | 132 | 14,397 | 4 | 0 | 2 | 132 |
| | | R5S | 13,452 | 3 | 0 | 2 | 123 | 14,779 | 3 | 0 | 2 | 136 | 14,779 | 3 | 0 | 2 | 136 |
| | | AFR | 12,791 | 2 | 0 | 1 | 117 | 14,053 | 2 | 0 | 2 | 129 | 14,053 | 2 | 0 | 2 | 129 |
| | | AFRR90 | 12,913 | 3 | 0 | 3 | 118 | 14,187 | 3 | 0 | 3 | 130 | 14,187 | 3 | 0 | 3 | 130 |
| | | AFRL90 | 12,967 | 3 | 0 | 2 | 118 | 14,247 | 3 | 0 | 3 | 130 | 14,247 | 3 | 0 | 3 | 130 |
| P4 | 133W | R2 | 14,943 | 2 | 0 | 2 | 112 | 16,417 | 2 | 0 | 2 | 123 | 16,417 | 2 | 0 | 2 | 123 |
| | | R3 | 14,890 | 2 | 0 | 3 | 112 | 16,360 | 2 | 0 | 3 | 123 | 16,360 | 2 | 0 | 3 | 123 |
| | | R3S | 15,287 | 2 | 0 | 2 | 115 | 16,796 | 2 | 0 | 2 | 126 | 16,796 | 2 | 0 | 2 | 126 |
| | | R4 | 15,085 | 2 | 0 | 3 | 113 | 16,574 | 2 | 0 | 3 | 125 | 16,574 | 2 | 0 | 3 | 125 |
| | | R4S | 14,554 | 2 | 0 | 2 | 109 | 15,991 | 2 | 0 | 2 | 120 | 15,991 | 2 | 0 | 2 | 120 |
| | | R5 | 15,287 | 4 | 0 | 2 | 115 | 16,796 | 4 | 0 | 2 | 126 | 16,796 | 4 | 0 | 2 | 126 |
| | | R5S | 15,693 | 4 | 0 | 2 | 118 | 17,242 | 4 | 0 | 2 | 130 | 17,242 | 4 | 0 | 2 | 130 |
| | | AFR | 14,923 | 2 | 0 | 2 | 112 | 16,395 | 2 | 0 | 2 | 123 | 16,395 | 2 | 0 | 2 | 123 |
| | | AFRR90 | 15,065 | 3 | 0 | 3 | 113 | 16,551 | 3 | 0 | 3 | 124 | 16,551 | 3 | 0 | 3 | 124 |
| | | AFRL90 | 15,128 | 3 | 0 | 3 | 114 | 16,621 | 3 | 0 | 3 | 125 | 16,621 | 3 | 0 | 3 | 125 |

Dimensions

RSX1 with Round Pole Adapter (RPA)



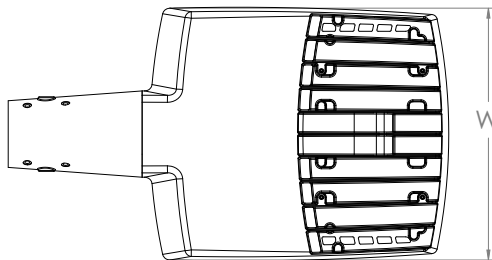
Length: 22.8" (57.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.4 cm) Arm



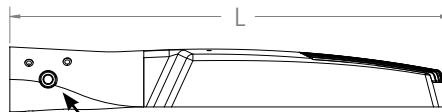
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX1 with Mast Arm Adapter (MA)

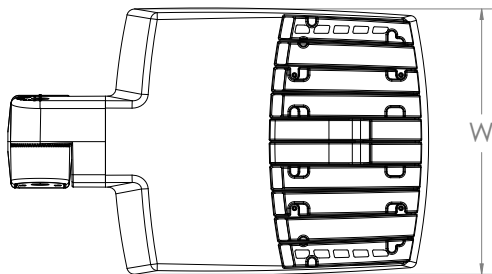


Length: 23.2" (59.1 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.5" (8.9 cm) Arm

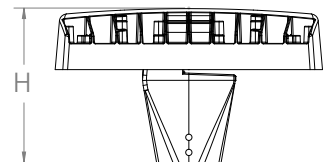
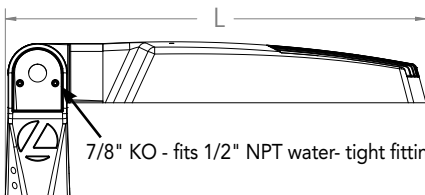


7/16" locking thru bolt/nut provided

RSX1 with Adjustable Slipfitter (IS)



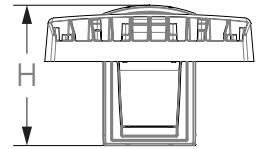
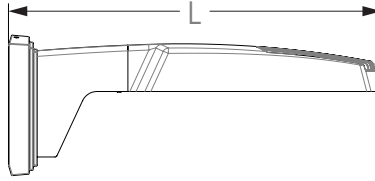
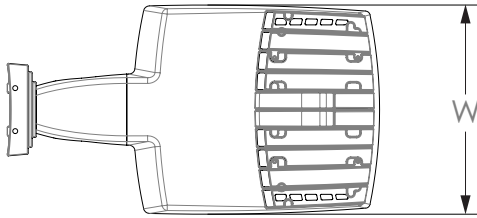
Length: 20.7" (52.7 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm



7/8" KO - fits 1/2" NPT water-tight fitting

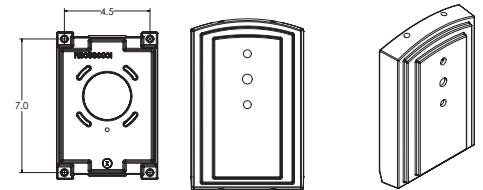
Dimensions

RSX1 with Wall Bracket (WBA)

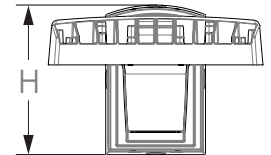
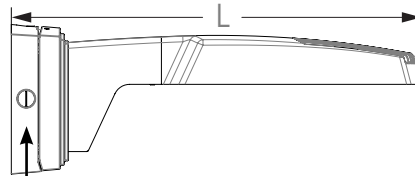
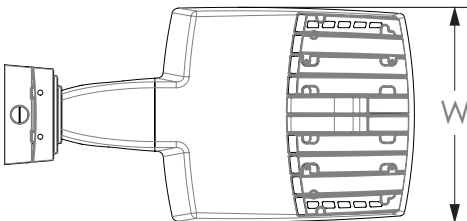


Length: 23.6" (59.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



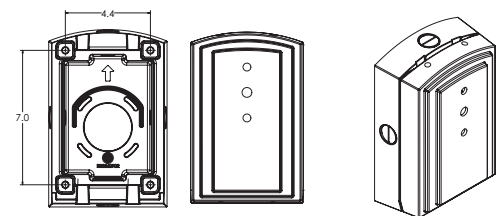
RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



3/4" NPT taps with plugs - Qty (4) provided

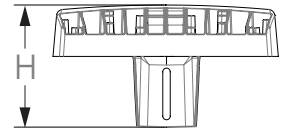
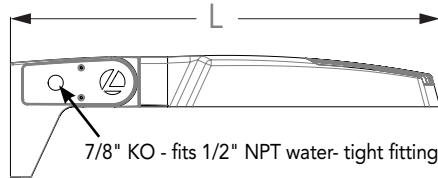
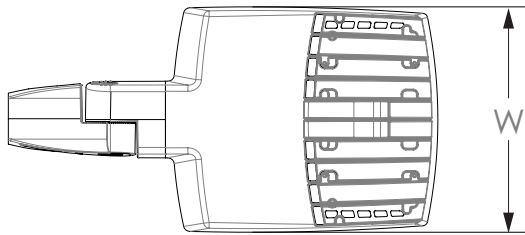
Length: 25.3" (64.3 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

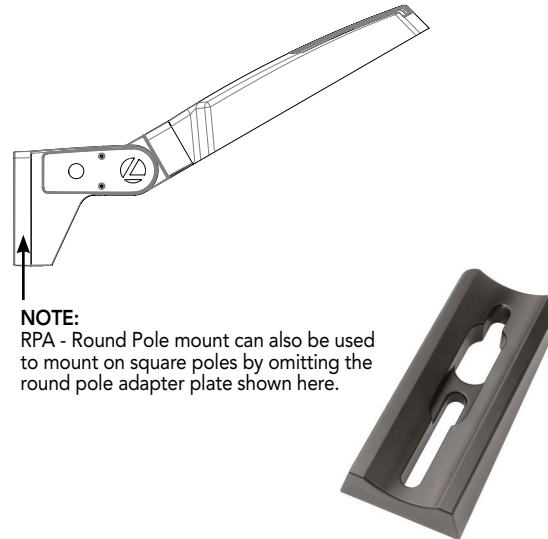


Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



Length: 25.3" (65.3 cm) **AASP**
 26.3" (66.8 cm) **AARP**
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.2 cm) Arm



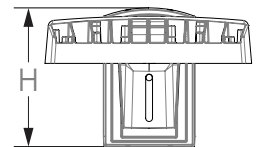
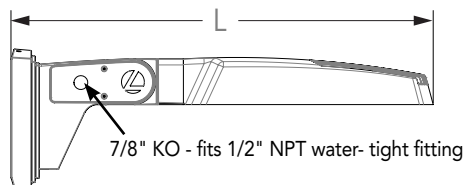
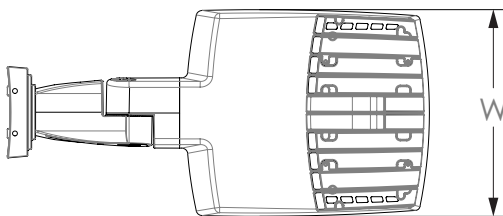
NOTE:
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

Notes

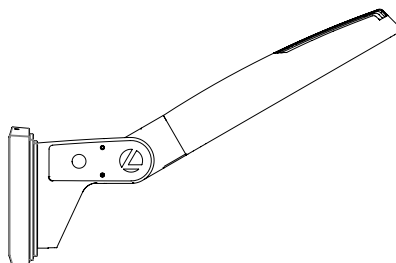
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

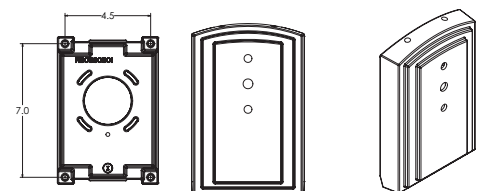
RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



Length: 27.1" (68.8 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

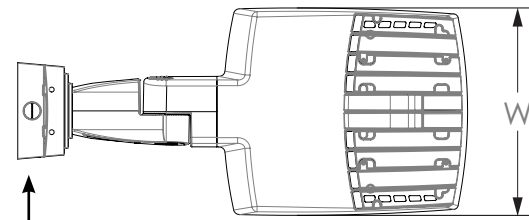


Wall Bracket (WBA) Mounting Detail



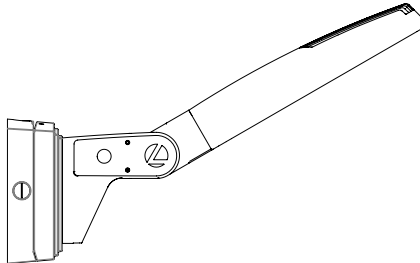
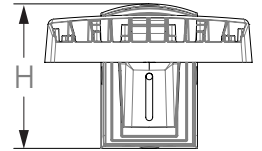
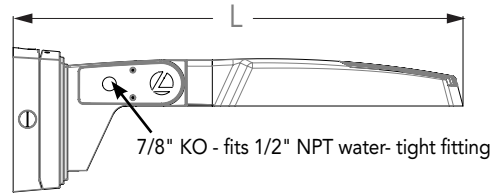
Dimensions

RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)

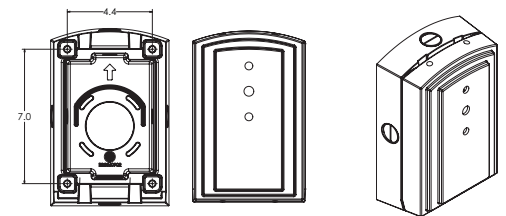


3/4" NPT taps
with plugs - Qty (4)
provided

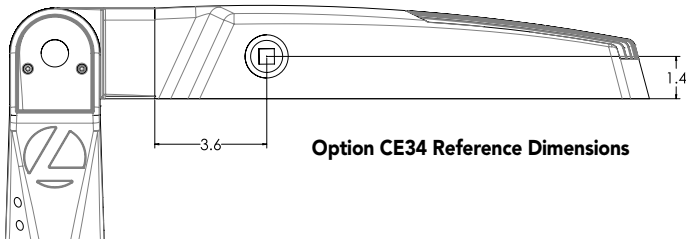
Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm



Surface Conduit Box (SCB) Mounting Detail

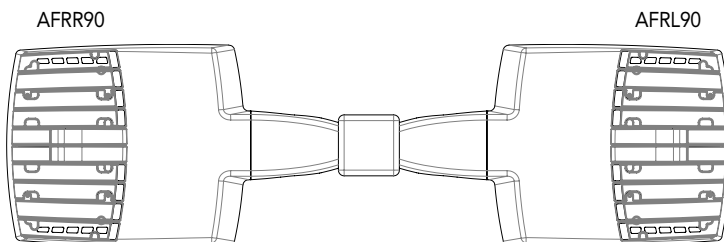


Additional Reference Drawings

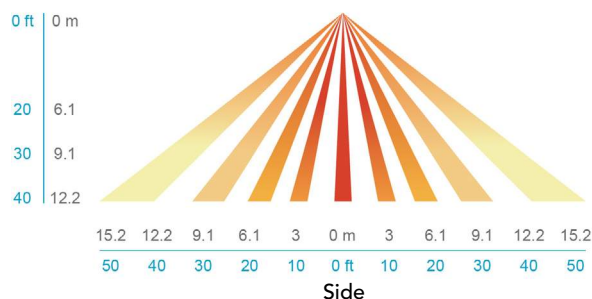
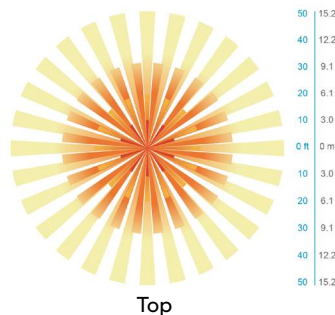
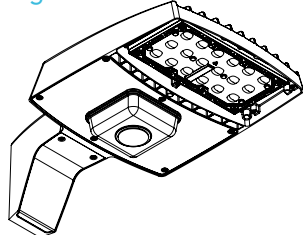


Option CE34 Reference Dimensions

Automotive Front Row - Rotated Optics (AFRL90/R90)



PIRHN nLight Sensor Coverage Pattern



| Motion Sensor Default Settings - Option PIRHN | | | | | | |
|---|---------------------------|----------------------------|---------------------|-----------------------------------|--|--|
| Option | Dimmed State (unoccupied) | High Level (when occupied) | Photocell Operation | Dwell Time (occupancy time delay) | Ramp-up Time (from unoccupied to occupied) | Ramp-down Time (from occupied to unoccupied) |
| PIRHN | Approx. 30% Output | 100% Output | Enabled @ 1.5FC | 7.5 minutes | 3 seconds | 5 minutes |

*Note: PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for a 1.5 G vibration load per ANSI C136.31. WITH Vibration rated per ANSI C136.31: 3G Mountings: SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

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 superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFR90 and ARFL90.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocell functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°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.

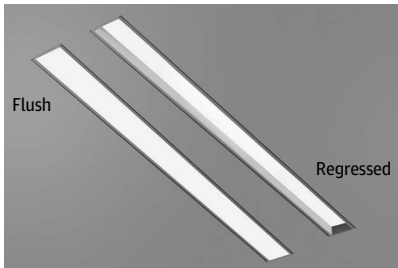
WARRANTY

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

MARK ARCHITECTURAL LIGHTING™

Slot 2 LED Recessed Linear



Slot 2 LED takes both form and function a step further with increased efficacy and integral controls creating a digitally addressable luminaire that is perfect where visually harmonious illumination and energy efficiency are desired.

Slot 2 LED is the ideal choice for spaces that emphasize lines and clean contemporary design. It is a perfect fit for Armstrong TechZone™ ceiling systems. A regressed lens option provides added dimension to the sleek, slender design and the flush lens now has a Wet Label option.

Type:

Project:

Catalog Number:

DO NOT TYPE HERE. Autopopulated field.

Specification Features (continued on page 2)

Housing

Nominal 2" x 2', 3', 4', 5', 6', 7', 8' and continuous rows in 1" increments as standard, upper housing fabricated from cold-rolled steel with extruded aluminum ceiling trim.

Finish

Painted high reflectance matte white powder coat.

Reflector

Precision-formed steel; high reflectance matte white powder coat; 93% reflectivity.

Fixture Performance - SL2L*

| Lumens Output | 400 LMF | | 600 LMF** | | 800LMF** | | 1000LMF | |
|---------------------|---------|-----|-----------|-----|----------|-----|---------|-----|
| Fixture Style | RLP | FLP | RLP | FLP | RLP | FLP | RLP | FLP |
| Delivered Lumens/FT | 234 | 308 | 404 | 533 | 534 | 705 | 654 | 862 |
| Input Watts/FT | 4 | 4 | 6 | 6 | 8 | 8 | 11 | 11 |
| Lumen/Watt | 68 | 89 | 69 | 91 | 67 | 88 | 62 | 82 |

*CCT (35K)

*Consult factory for customized lumen output and wattage

**Based on calculated values



A+ Capable options indicated by this color background.

Shielding

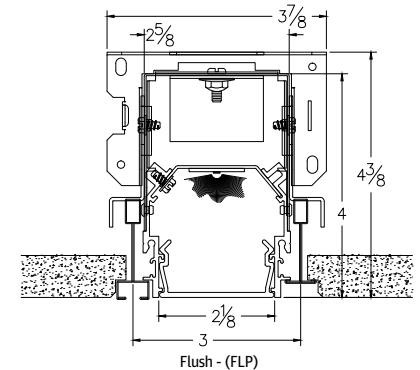
Flush Lens: Snap-in 90% transmissive satin acrylic lens.

Regressed Lens: Lay-in 90% transmissive satin acrylic lens.

Mounting

Recessed. Available for sheetrock, 9/16" slot grid or 15/16" inverted tee ceilings, or 9/16" inverted tee.

Technical Drawing



eldoLED
your product | our drive



Ordering

Example: SL2L LOP 4FT FLP FL 80CRI 30K 600LMF DARK 277 EC NLIGHT WL

| Series | | Linear Length Plan | | | | Total Run Length | | | | Fixture Style | | Ceiling Trim | | Direct Light Source Color Rendering | | | |
|--------------------------|--|--------------------|---|-------------------------|-----------------------|-------------------------|---|---------------------|----------------|---|---|----------------------|--------|-------------------------------------|--------------------------------------|--|--|
| SL2L | Slot 2 LED Linear Recessed | LOP | Linear Optimized Plan | 2FT | 2' | 7FT | 7' | RLP ¹ | Regressed Lens | FL ⁴ | 5/8" Flange(sheetrock) | 80CRI | 80 CRI | | | | |
| | | | | 3FT | 3' | 8FT | 8' | FLP ^{2,3} | Flush Lens | TG | 9/16" or 15/16" Flat or Inverted Tee | 90CRI | 90 CRI | | | | |
| | | | | 4FT | 4' | _FT_ | *Specify continuous linear feet in 1" increments (7FT6 = 7FT 6IN) | | | | GB ⁶ | Trimless (sheetrock) | | | | | |
| | | | | 5FT | 5' | | | | WFL | Perimeter Mount, 5/8" Flange (Sheetrock) | | | | | | | |
| | | | | 6FT | 6' | | | | WTG | 9/16" Flat or Inverted Tee, Perimeter Mount | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Direct LED Color Temp | | | | Direct LED Light Output | | | | Direct Distribution | | Minimum Dimming Level | | Voltage | | Finish | | | |
| 27K* | 2700K | 400LMF | 400 Lumens per FT | (blank) | Standard Distribution | NODIM | Non - Dim | 120 | 120V | (blank) | White | | | | | | |
| 30K | 3000K | 600LMF | 600 Lumens per FT | | | MIN1 | Constant current, dimming to 1% | 277 | 277V | xxx/BLKT | Black, textured | | | | | | |
| 35K | 3500K | 800LMF | 800 Lumens per FT | WW ⁵ | Wall Wash | DARK | Constant current, dimming to 0.1% | 347 ^{7,9} | 347V | xxx/SLVT | Silver, textured | | | | | | |
| 40K | 4000K | 1000LMF | 1000 Lumens per FT | | | MIN5 ⁶ | Constant current, dimming to 5% | | | xxx/RALTB | RAL paint finish | | | | | | |
| 50K* | 5000K | _LMF* ⁹ | ## Lumens per FT (Limited to 300LMF to 1000LMF in 50LMF increments) | | | MIN10 ¹⁵ | Constant current, dimming to 10% | | | | xxx = fill in with the appropriate ceiling trim. Only trims are painted | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Emergency Options | | | | | | Control Input | | | | Primary Sensor ¹² | | | | Options | | | |
| (blank) | No Emergency | | | | | (blank) | Non-dim ¹¹ | | | (blank) | No Sensor | | | CP | Chicago Plenum | | |
| E10WLCP ^{8,17} | 4ft Emergency Section with battery pack | | | | | ZT | 0 10V | | | PDT | Occupancy Sensor- Dual Technology (Passive Infrared & Microphonics) | | | USPOM | US point of assembly | | |
| _E10WLCP ^{8,17} | Number of 4ft Emergency Section(s) with battery pack | | | | | NLIGHT | nLight enabled | | | | | | | WL ^{2,13,17} | Wet Location Listing | | |
| _EC ¹⁰ | # of Emergency Circuits | | | | | ECOD* | Lutron Hi-Lume digital driver | | | ADC | Daylight dimming sensor | | | DPL | Damp Location Listing | | |
| | | | | | | ECOD2* ^{14,16} | Lutron Hi-Lume 2-wire (1% dimming) | | | API | PIR Occupancy Sensor & Photocell | | | | | | |
| | | | | | | ECOD5* ¹⁶ | Lutron 5-series digital driver (5% dimming) | | | APD | PDT Occupancy Sensor & Photocell | | | PWS | 6' pre-wire, 3/8" diameter, 18 gauge | | |

* Requires longer lead time.

See Notes next page.

Specification Features (continued)

LED Components

Linear: Nichia® - 757 Series LED chips (available in 80 or 90 CRI)

LED Life

Rated 65,000 hours (L80) at 25 °C ambient temperature.

Color Consistency

The Acuity Brands circuit boards for the linear LED components use a precise binning algorithm which creates a consistent color temperature from board to board. Color variation is no greater than a 2.5 Step MacAdam (2.5SDCM) along the black body locus from board to board.

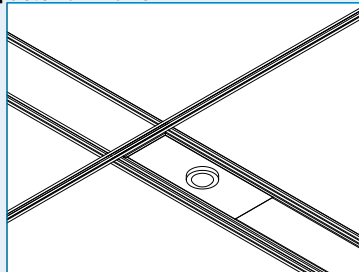
Driver

eldoLED constant current driver options delivers ultra-smooth dimming resolution from 100% to 0.1%, while assuring flicker free, low current inrush, 89% efficiency and low EMI.

Integrated Controls

Optional nLight® embedded controls make luminaire addressable-allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Simply connect all the nLight enabled control devices using standard CAT5 Cabling. (Input option: NLIGHT)

A+ Capable Luminaire



Occupancy Sensor (PDT) and/or Photocell (ADC)

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](http://www.acuitybrands.com/aplus).

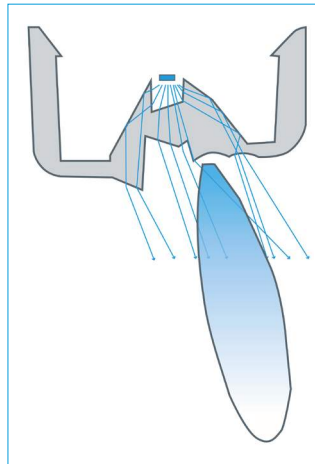
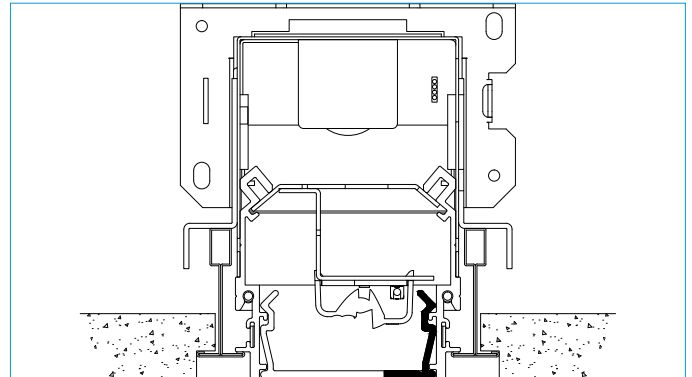
*See ordering tree for details

Notes

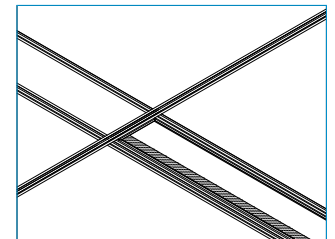
1. Supplied with lift and shift lay-in lens.
2. Supplied with snap-in lens.
3. Wet Location Label available with Flush Lens only.
4. Not intended for post sheetrock installation.
5. Wall wash not available with RLP lens option.
6. Only available with ECOD5 option.
7. Not available with 2ft fixture sections or with E10WLCP, NLIGHT, sensors, or ECO options. Must select MIN1 option.
8. Remote mounted, not available with CP option.
9. Not available with ECOD, ECOD2 and ECOD5.
10. Standard 4' EC section, defaults to end of run. 2ft, 3ft and 5ft powers entire fixture, 6ft powers 3ft EC section.
11. Only available with NODIM option.
12. Sensors not available with WW, NODIM driver, WL or RLP option. Default location for sensor is the left side of the fixture, for runs the first fixture will include the sensor.
13. Cannot be installed in vertical surfaces. Not available with Primary Sensor options or PWS option.
14. Must use 120 volt.
15. MIN10 not available with 347, sensors, NLIGHT or NLTAIR2, requires ZT
16. ECOD and ECOD2 not available with sensors, requires MIN1 dimming.
17. Battery kit is not wet listed. Can be used with WL unit if installed in a dry location.

Optics

Slot LED's patent-pending, precision lumen DIRECTIR optics condition and refract light to deliver accurately controlled, striation-free, and uniform white light. All lumen DIRECTIR optics are injection-molded, optical grade, UV-resistant acrylic with selective finishing/polishing treatment.



Optional Wall Wash (WW)



Certification

CSA tested to UL 1598 standards. Optional Damp or Wet location listings available, see ordering tree.

Warranty

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

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

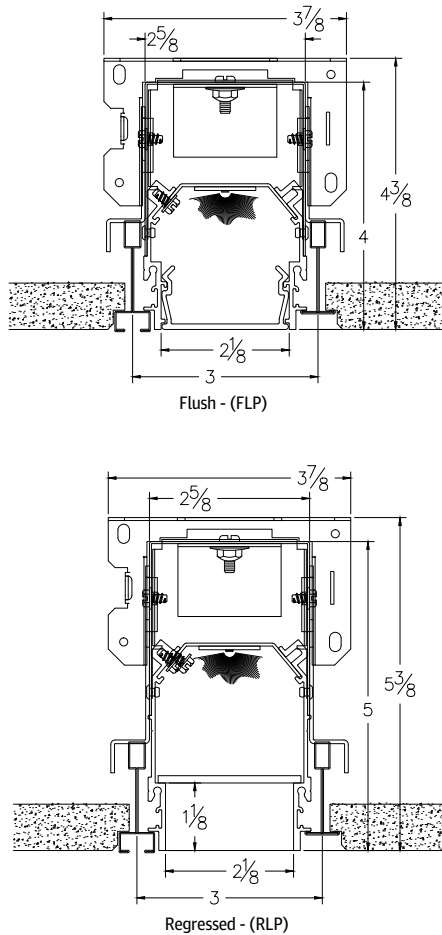
All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

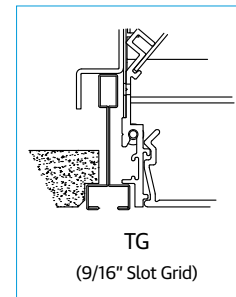
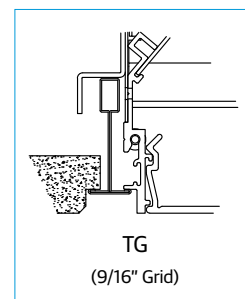
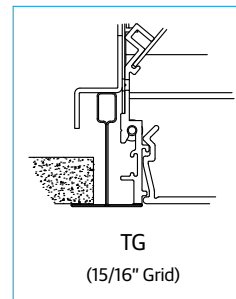
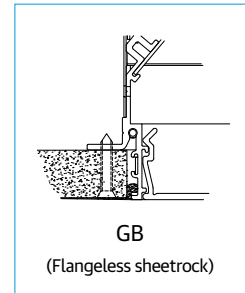
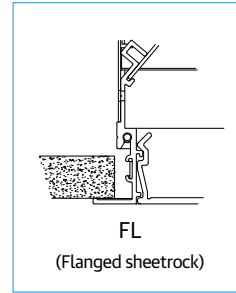
Photometry

For photometric information refer to www.marklighting.com.

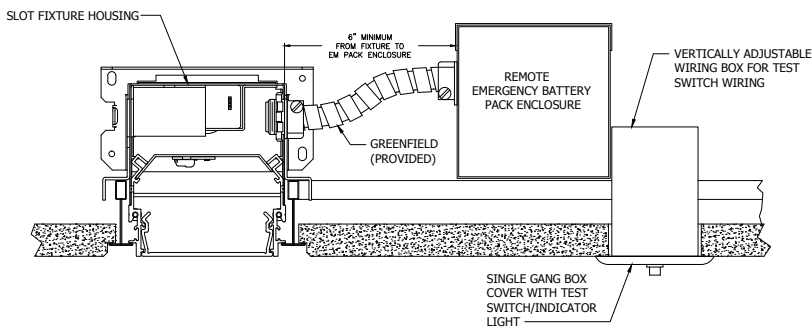
Technical Drawing



Ceiling Trim



Remote Emergency Battery Mounting



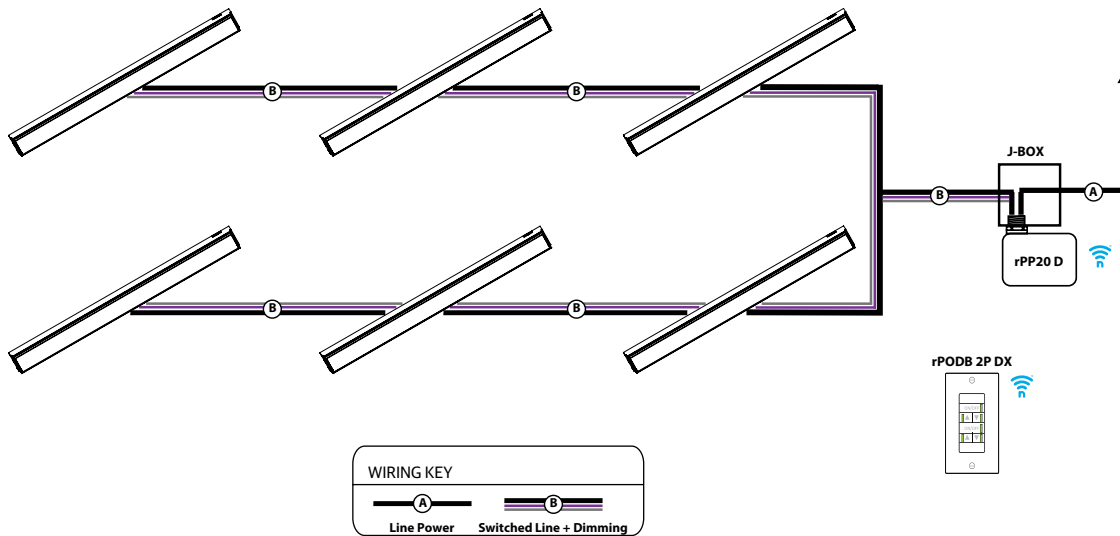
Notes

- Delivers 700 lumens per 4FT length. Default location is the right side of fixture and end of run.
- Provided with 4FT of flexible conduit. Maximum of 25FT remote distance if extended. Extension provided by others.

nLight Air Wireless

To Make fixture NLTAIR2 compatible the following components are required:

- 1) rpp20 D
- 2) rPODB 2P DX

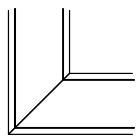


Continuous Runs

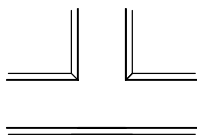
Slot 2 LED continuous rows can be configured in 1" increments.

Run Patterns, Corners and Junction

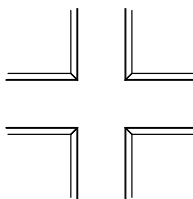
Slot 2 LED patterns be configured in 1' increments with illuminated 90° inside and outside corners, T junctions, and X junctions with standard 2' corner and junction lengths. For custom angles, corner or junction lengths, consult factory.



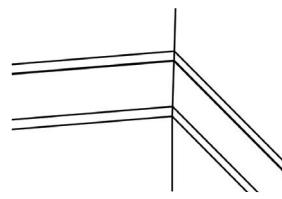
90° Corner



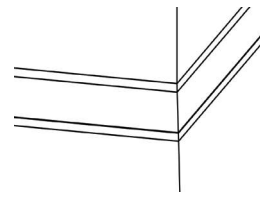
T Junction



X Junction



Inside Corner



Outside Corner

Layout Sketch

Please draw and configure your linear run below.

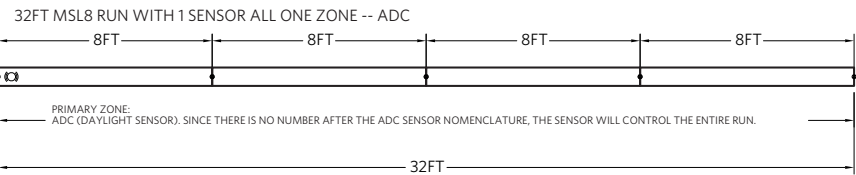
MARK

ARCHITECTURAL
LIGHTING™

Slot 2 LED

Recessed Linear

INTEGRATED SENSOR LAYOUT



- Notes:
- Only one sensor per zone

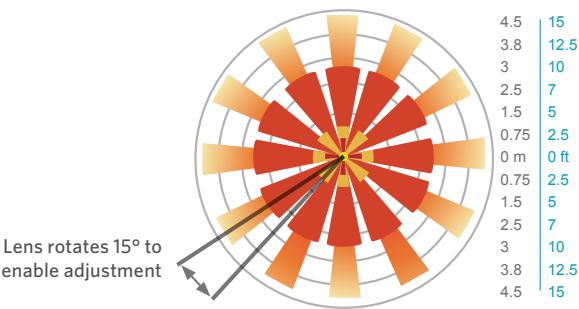
OCCUPANCY DETECTION COVERAGE

At the 7.5 ft (2.9 m) hanging height of a typical pendant mount fixture the sensor provides 10 ft (3.05 m) radial detection of small motion. At a 9 ft (2.74 m) hanging height the radius is 12 ft (3.66 m) for small motion.

Adequate for walking motion detection from mounting heights between 7.5 ft (2.29 m) and 20 ft (6.10 m).

Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor.

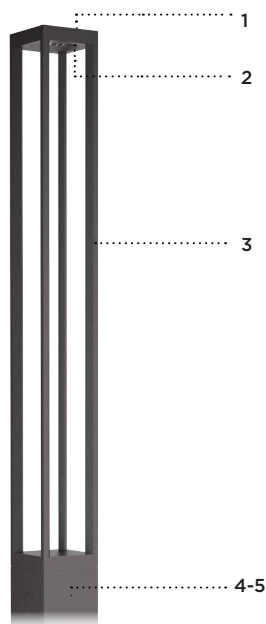
Initial detection of walking motion into long coverage segment will occur at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20 ft (6.10 m). Lens assembly rotates 15° to enable adjustment in order to line up long segments.



TYPE: _____ QUANTITY: _____ PROJECT: _____

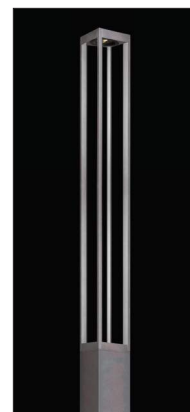
CATALOG NUMBER:

FIXTURE SUFFIX VOLTAGE FINISH OPTION OPTION OPTION OPTION



- 1- Cast aluminum top cover.
- 2- Optical system assembly.
- 3- 4x extruded aluminum struts.
- 4- Cast aluminum driver housing.
- 5- 6" (152) x 6" (152) extruded aluminum square body.

LQ641



MATERIALS

Lumiquad column is made of 6061-T6 extruded aluminum alloy. All other parts are made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperatures of -40°C/-40°F to 55°C/131°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery.

LED Standard 4000K CCT/80 CRI. Optional 2700K, 3000K and 3500K.

LIFE

60,000hrs $L_{70}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).
Up to 70,000hrs $L_{70}B_{50}$ (calculated projection from LM-80 data).

FINISH

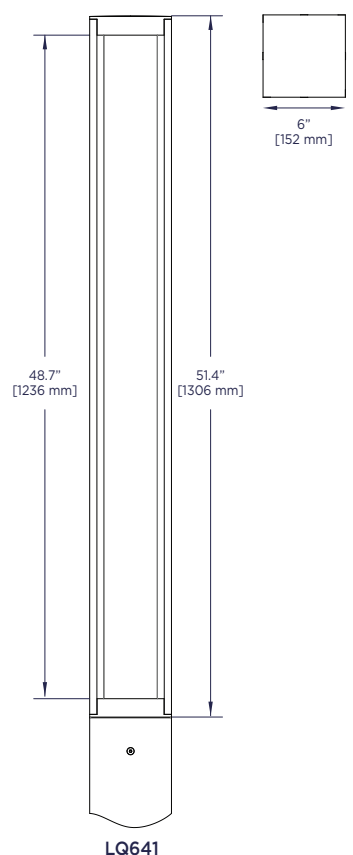
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.
Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Lumen depreciation in accordance with IESNA LM80 standards. CE certification on request.
Rated IP65.

MOUNTING

Lumiquad column is designed for ease of access and installation.
For overall heights of 96" (8FT) to 168" (14FT): The cast aluminum base plate is secured with a set of (4) 1/2"-13 x 18" LG galvanized anchor bolts.
For overall heights above 168" (14FT): The cast aluminum base plate is secured with a set of (4) 3/4"-10 x 18" LG galvanized anchor bolts.
Accessibility is done through a flush mount 2"x4" (100X178) hand hole cover plate.

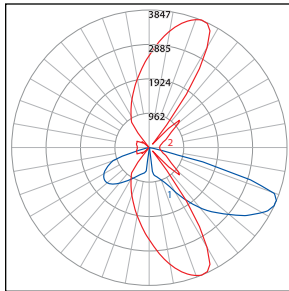


LQ641

LQ641 SERIES

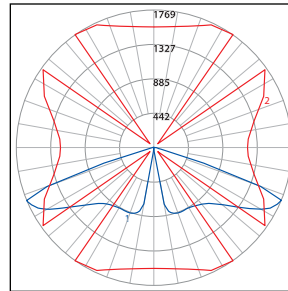
Lumiquad - LED

TYPICAL PHOTOMETRY SUMMARY



Descriptive Information

LQ641-L1L50-R2
Total Lms: 5137 Lumens
Total Input Watts: 55,3 W
Efficacy: 92,9 Lumens/Watt
BUG: B2-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 3803 @ 55°H/42.5°V




Descriptive Information

LQ641-L1L50-R5
Total Lms: 5144 Lumens
Total Input Watts: 69,1 W
Efficacy: 74,4 Lumens/Watt
BUG: B3-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 1738 @ 55°H/47.5°V

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

| MODEL# | LED LIGHT SELECTION (4000K/80CRI) | OAH COLUMN SELECTION | VOLTAGE ¹ | FINISH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------|----------------------|------------------|------------------|---------|-----------------------------------|-----|------|-----------------------------------|-----|------|-----------------------------------|-----|------|--------|-----------------------------------|-----|------|-----------------------------------|-----|------|-----------------------------------|-----|------|--|----------|-------|---------------------------------|------|---------------------------------|------|----------------------------------|------|----------------------------------|------|----------------------------------|------|---|---|
|  <input type="checkbox"/> LQ641 | <table><thead><tr><th></th><th>SUFFIX</th><th>INPUT WATTS</th><th>DELIVERED LUMENS</th></tr></thead><tbody><tr><td rowspan="3">Type II</td><td><input type="checkbox"/> L1L15-R2</td><td>14W</td><td>1626</td></tr><tr><td><input type="checkbox"/> L1L25-R2</td><td>25W</td><td>2666</td></tr><tr><td><input type="checkbox"/> L1L50-R2</td><td>56W</td><td>5137</td></tr><tr><td rowspan="3">Type V</td><td><input type="checkbox"/> L1L15-R5</td><td>17W</td><td>1614</td></tr><tr><td><input type="checkbox"/> L1L25-R5</td><td>29W</td><td>2627</td></tr><tr><td><input type="checkbox"/> L1L50-R5</td><td>69W</td><td>5144</td></tr></tbody></table> | | SUFFIX | INPUT WATTS | DELIVERED LUMENS | Type II | <input type="checkbox"/> L1L15-R2 | 14W | 1626 | <input type="checkbox"/> L1L25-R2 | 25W | 2666 | <input type="checkbox"/> L1L50-R2 | 56W | 5137 | Type V | <input type="checkbox"/> L1L15-R5 | 17W | 1614 | <input type="checkbox"/> L1L25-R5 | 29W | 2627 | <input type="checkbox"/> L1L50-R5 | 69W | 5144 | <table><thead><tr><th>POLE FOR</th><th>LQ641</th></tr></thead><tbody><tr><td><input type="checkbox"/> LQP669</td><td>120"</td></tr><tr><td><input type="checkbox"/> LQP693</td><td>144"</td></tr><tr><td><input type="checkbox"/> LQP6117</td><td>168"</td></tr><tr><td><input type="checkbox"/> LQP6141</td><td>192"</td></tr><tr><td><input type="checkbox"/> LQP6165</td><td>216"</td></tr></tbody></table> | POLE FOR | LQ641 | <input type="checkbox"/> LQP669 | 120" | <input type="checkbox"/> LQP693 | 144" | <input type="checkbox"/> LQP6117 | 168" | <input type="checkbox"/> LQP6141 | 192" | <input type="checkbox"/> LQP6165 | 216" | <div><input type="checkbox"/> 120V</div> <div><input type="checkbox"/> 277V</div> <div>Optional</div> <div><input type="checkbox"/> 347V</div> <div><input type="checkbox"/> 480V</div> | <div>STANDARD COLORS</div> <div><input type="checkbox"/> WHT Snow white</div> <div><input type="checkbox"/> BKT Jet black</div> <div><input type="checkbox"/> BZT Bronze</div> <div><input type="checkbox"/> MST Matte silver</div> <div><input type="checkbox"/> GRT Titanium gray</div> <div><input type="checkbox"/> DGT Gun metal</div> <div><input type="checkbox"/> CHT Champagne</div> <div>OPTIONAL COLORS</div> <div><input type="checkbox"/> CS Custom color</div> <div><input type="checkbox"/> RAL RAL# color</div> <div>(Refer to color chart)</div> |
| | | SUFFIX | INPUT WATTS | DELIVERED LUMENS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type II | <input type="checkbox"/> L1L15-R2 | 14W | 1626 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input type="checkbox"/> L1L25-R2 | 25W | 2666 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input type="checkbox"/> L1L50-R2 | 56W | 5137 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type V | <input type="checkbox"/> L1L15-R5 | 17W | 1614 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input type="checkbox"/> L1L25-R5 | 29W | 2627 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <input type="checkbox"/> L1L50-R5 | 69W | 5144 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| POLE FOR | LQ641 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> LQP669 | 120" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> LQP693 | 144" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> LQP6117 | 168" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> LQP6141 | 192" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> LQP6165 | 216" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

OPTIONS

ELECTRICAL

- ☐ FS Fuse
- ☐ SP Surge protector 10KV
- ☐ PH Photocell

ACCESSORIES

- ☐ GFI Ground fault circuit interruption flush receptacle²
- ☐ CGF Ground fault circuit interruption with clear in-use cover²
- ☐ BLC1 Blockout shield (one side)³
- ☐ BLC2 Blockout shield (two sides, installed at 90°)⁴
- ☐ BLC3 Blockout shield (three sides)⁴
- ☐ LVR Glare control louvers provided with a 90° lens
- ☐ MSD Motion sensor device (high/low 25%).
255° coverage.
Installed at 180° from hand hole.
120/277VAC, 50/60Hz (or 230VAC, 50Hz).

LIGHT

- Alternate CCT °K LED (LCF: Lumen conversion factor)
- ☐ K27 2700K CCT 80 CRI (LCF: 0.91)
 - ☐ K3 3000K CCT 80 CRI (LCF: 0.94)
 - ☐ K35 3500K CCT 80 CRI (LCF: 0.98)

NOTE: Other CCT & higher CRI available, please consult factory.

NOTES

- 1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
- 2- GFI and CGF options are installed 18" above grade unless otherwise specified. CGF cover protrudes by 3.62" (92). 120V required for GFI or CGF.
- 3- BLC1 installed on back side when distribution Type II is selected.
- 4- BLC2 and BLC3 not available with distribution type II.

LUMINIS®

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

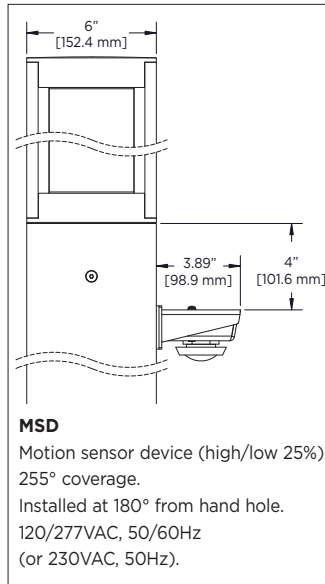
Luminaires may be altered for design improvement or discontinued without prior notice.

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May 2019 Rev.0

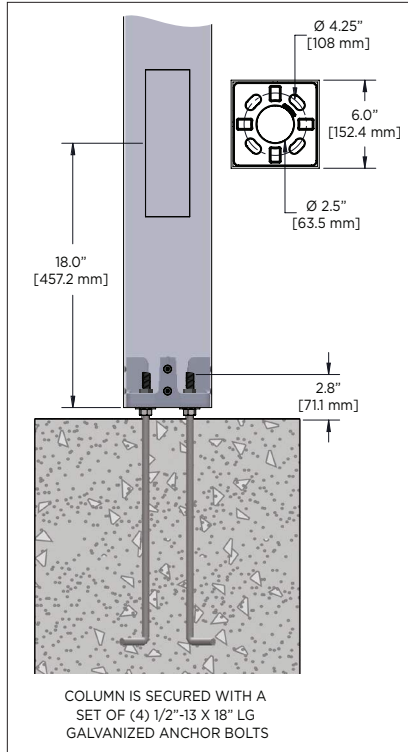
OPTIONS

ACCESSORIES

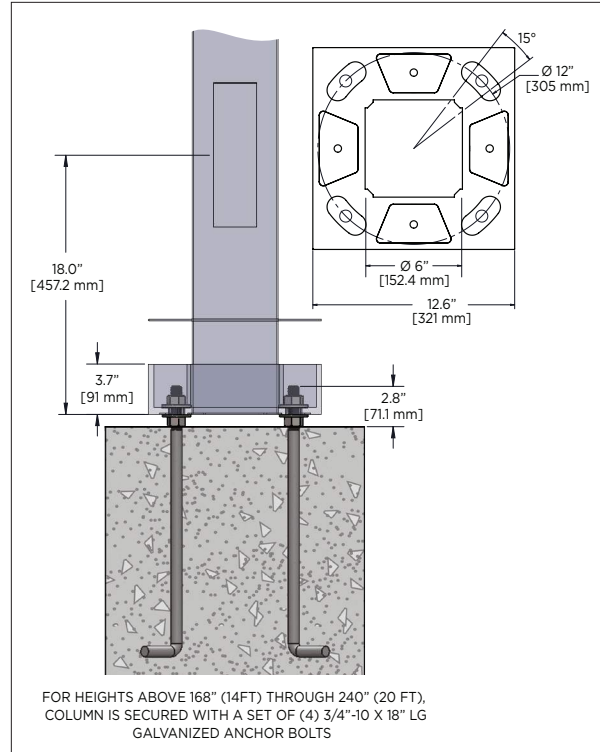


MOUNTING INFORMATION

OVERALL HEIGHTS FROM 96" (8FT) TO 168" (14FT)



OVERALL HEIGHTS ABOVE 168" (14FT)



LUMINIS

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

Luminaires may be altered for design improvement or discontinued without prior notice.

LUMINIS.COM

May 2019 Rev.0

RA2S-7F LUNA™ LED

2" LUNA™ LED Square Fixed Color Selectable
Recessed Fixture
Recess Lighting

| Job Information | | |
|-----------------|--|------|
| Project Name | | Type |
| Location | | |
| Quantity | | Date |
| Contact/Phone | | |
| Notes | | |

Features

Body

Durable airtight aluminum body with anodized blue heat sink to provide maximum airflow for the LED light source.

LED Characteristics

This general application light fixture features a 7 watt LED module that maintains uniform intensity producing up to 560 lumens; with a typical CRI of 90. On-fixture color selectable switch allows switching between 2700 K, 3000 K, 3500 K, 4000 K and 5000 K colour temperatures.

Dimming

100%-10% dimming capability. This fixture is compatible with industry standard forward-phase / reverse-phase dimmers (contact factory for list of compatible dimmers).

Beam Spread

The fixture lens provides 40° beam spread.

Mounting

Includes two spring loaded clips to attached to any ceiling material.

LED Driver

Extruded aluminum hardwire box with 170mA dimmable class II electronic LED driver with 100-135V AC input. Includes an 18" FT6 rated cable with DC 2.1 connector between driver and fixture approved for use in plenums and suspended ceilings.

Quick Connect push-in terminals

Three "Quick connect" push-in terminals for fast and easy wiring.

Operating Temperature

-20°C~40°C (-4°F~104°F)

Environment

- Suitable for wet locations.
- Approved for direct contact with insulation.
- Airtight

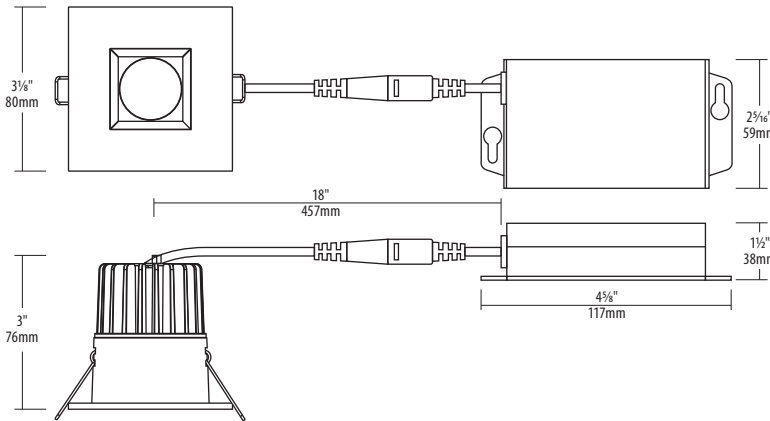
SPECIFICATION

| | |
|------------------------|--|
| Application | Ceiling Recess Mount |
| Approved Location | Wet / Insulated Ceilings |
| Beam Angle | 40° |
| CCT (color selectable) | 2700 K / 3000 K / 3500 K / 4000 K / 5000 K |
| Certification | cETLus |
| Class II | Yes |
| Colour | BK / BN / WH |
| CRI | 90 |
| Dimming | Yes |
| Dimming Tech | Forward/reverse-phase |
| Energy Star | Yes |
| Hole Cut | 2½" 2½" (64mm x 64mm) |
| Input | 100-135V AC, 60Hz |
| Lumens | Up to 560 |
| Lumens per Watt | Up to 79 |
| Power Factor | 0.9 |
| Projected Life | 70% @ 36,000 hrs |
| Warranty | Lifetime |
| Wattage | 7W |



Description

The RA2S-7F is a 7 watt 2" square fixed recessed light fixture for retrofit application. It is a high-performance, easy to install downlight solution that offers good light output, energy-efficiency and streamlined design. Suitable for wet locations.



Notes: Accessories are sold separately. For additional options please consult your Liteline representative.
Due to our continued efforts to improve our products, product specifications are subject to change without notice.

Ordering Guide

| | |
|---------------------|--|
| Trim Finish | |
| RA2S-7F - 90 | |
| BK : Black | |
| BN : Brushed Nickel | |
| WH : White | |

Accessories



SLM-60-FC
60" Flexible connector, for use with SlimLED fixtures.



P-2510
2½" Round pre-mounting plate with driver attachment clip, for 2" LUNA LED fixtures.



P-NCMK-1
New construction mounting kit. Includes hanger bars, brackets and screws.



VBE-1
Vapour barrier extender. For use in new construction applications.



VBE-2
Vapour barrier extender. For use in remodel applications.



VBE-3
Vapour barrier extender. For use in remodel applications.



VBE-4
Vapour barrier extender. For use in remodel applications.



VBE-5
Vapour barrier extender. For use in new construction applications.



FCSL203



Date:

Type:

Fixture:

Project:

Approved:

FCSL203 IP65 rated exterior die-cast mid-sized step light with louvered faceplate for masonry applications. Corrosion resistant, die-cast aluminum construction, this fixture provides illumination for damp, dry or wet areas.

SPECIFICATIONS

PHYSICAL

| | |
|--------------------|---|
| lengths/dimensions | fixture: 11.9" W x 4.4" H x 3.4" D |
| weight | 3 lbs |
| housing | marine grade, corrosion resistant, heavy guage aluminum faceplate |
| lens | clear, tempered, glass lens with precision formed semi-specular aluminum reflector. |
| mounting | mounts directly to standard junction box; concrete pour, masonry applications |
| ingress protection | IP65 : dry, damp or wet locations with extruded silicone gasket to seal out contaminants |
| finish | six stage chemical iron phosphate substrate pre-treatment process for a UV stable, super durable standard polyester powder coat |

PERFORMANCE

| | | | | | |
|----------------------|--|-------|-------|-------|--|
| color temperature | 2700K | 3000K | 3500K | 4000K | |
| lumen output | 340 lm | | | | |
| lifetime | > 70,000 hours / L70 or better | | | | |
| color consistency | Step 3 McAdams Ellipse / standard: CRI ≥ 85 | | | | |
| temperature | operating: -13°F to 104°F (-25°C to 40°C) start up: -13°F to 104°F (-25°C to 40°C) storage: -40°F to 176°F (-40°C to 80°C) | | | | |
| junction temperature | 73°C @ T ^a 25°C | | | | |
| warranty | 5 year limited warranty (refer to website for details) | | | | |

ELECTRICAL

| | |
|-------------------|---|
| input voltage | Universal 120–277V AC |
| power supply | integral Class II, electronic high-power factor > 94% @120V |
| certifications | ETL / cETL Listed, CEC Title 24 JA8 compliant |
| standards | UL 1598 / CSA C22.2 No. 250.0 - Class I / IES LM-79 / LM-80 |
| power consumption | 16W @ 120V - 277V |
| dimming interface | standard: 0-10V (10%) |



Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting terms and conditions.

US Commercial Lighting Manufacturer Since 1982

Specification Sheet

© FC Lighting, Inc. 3609 swenson ave • st. charles il • 60174 | fcighting.com | 800.900.1730

KW Rev. 091819



Ordering Information

PART NUMBER

| FCSL203 | | | | 340 | | | | | |
|---------|---------|-----------|---------|------------------|-------|--------|----|--------------|---|
| SERIES | VOLTAGE | | CCT | LUMENS | CRI | FINISH | | OPTIONS | |
| FCSL203 | 120V | 120V | LED 27K | 340 lumens (16W) | CRI85 | 85 CRI | BK | Black | HB Hanger Bracket |
| | 277V | 277V | 3K | | CRI90 | 90 CRI | BZ | Bronze | BBU Battery Backup, Remote (indoor use) |
| | UNV | 120V-277V | 35K | | | | SL | Silver | |
| | | | 4K | | | | WH | White | |
| | | | | | | | CC | Custom Color | |

Consult Factory for other options and configurations.

To ensure you receive proper configurations for your lighting specifications, contact us directly about any unique application requirements. This may include but not be limited to lumen output, mounting needs, or electrical requirements.

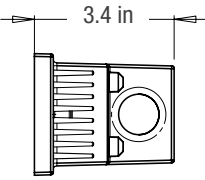
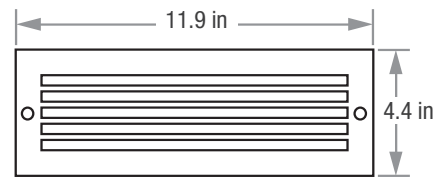


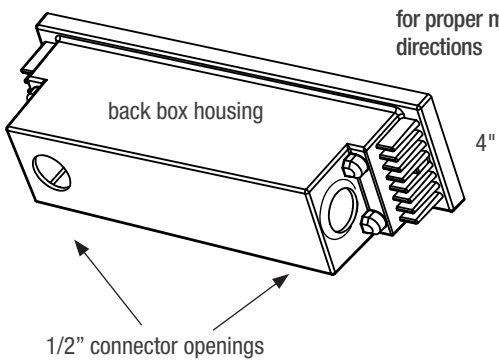
Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting terms and conditions.



Dimensions

| PRODUCT DIMENSIONS - STANDARD PRODUCT | | MOUNTING - <i>j-box sold by others</i> | |
|---------------------------------------|---------|--|----------|
| width | 11.9" W | back box width | 11.65" W |
| height | 4.4" H | back box height | 4" H |
| depth | 3.4" D | back box depth | 3.4" D |





back box housing

4"

1/2" connector openings

back box mounts inside brick masonry: faceplate flush to surface or in front of surface - see installation instructions for proper mounting directions

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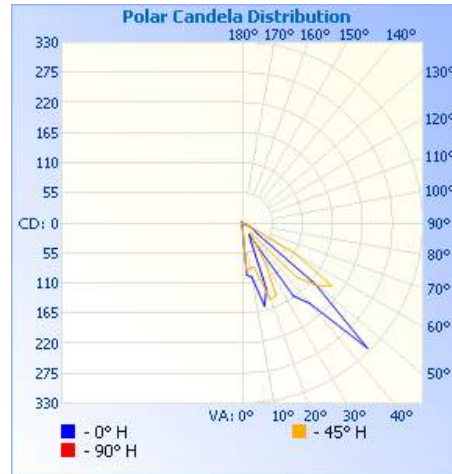
Photometry

OPTICAL DISTRIBUTION

| | |
|--------------------------|----------------|
| lumen output | 344 lm @ 4000K |
| power consumption | 16W |

| Illuminance at a Distance | | | |
|---------------------------|----------------|------------|--------|
| | Center Beam fc | Beam Width | |
| 1.7ft | 1.94 fc | 0.5 ft | 1.4 ft |
| 3.3ft | 0.52 fc | 0.9 ft | 2.7 ft |
| 5.0ft | 0.22 fc | 1.4 ft | 4.1 ft |
| 6.7ft | 0.12 fc | 1.8 ft | 5.5 ft |
| 8.3ft | 0.08 fc | 2.3 ft | 6.9 ft |
| 10.0ft | 0.06 fc | 2.7 ft | 8.3 ft |

■ Vert. Spread: 15.5°
 ■ Horiz. Spread: 44.9°



iti illuminations testing lab : Report #2296

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The Ring Mini is an outdoor floodlight suitable for installation on a façade or wall, with 355° swivel base and horizontal adjustment of +90° / -40°. It comes in 3 standard finishes and 3 optics options.

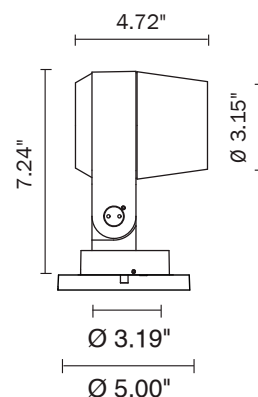


Base Plate Included with Fixture

TECHNICAL DATA

| | |
|---------------------------|--|
| Wattage / Input | 10W (120VAC) |
| Power Supply | Integral |
| Construction | Body: Die-Cast Copper-Free Aluminum Screws: Stainless Steel Lens: Tempered, Safety Glass |
| CCT | 3000K, 4000K |
| CRI | >80 |
| Delivered Lumens | 1060 lm (3000K, 35°) |
| Efficacy | 106 lm/W (3000K, 35°) |
| Optics | 3 Standard (see below) |
| Finishes | 3 Standard, Custom RAL (see below) |
| Fixture Dimensions | Ø3.15" x 4.72" w x 7.24" h |
| Fixture Weight | 3.31 lbs |
| LED Source | 1 COB CREE "CXB 1310" LED |
| IP Rating | IP66 |
| Impact Rating | IK08 |

Fixture Dimensions



ORDERING INFORMATION

Example: 101401P-30K-35-TG. Accessories / Power Supplies ordered separately.

| | | | | | | |
|-----------|----------------------------|--|----------------------------------|--|---|--|
| 101401P | - | | - | | - | |
| Model No. | CCT | | Optics | | Finish | |
| 101401P | 30K - 3000K 40K - 4000K | | 14 - 14° 35 - 35° 55 - 55° | | TG - Textured Grey (RAL 9006) AG - Anthracite Grey (RAL 7016) MB - Matte Black (on request) | |

Job Name/Date:

Fixture Type Designation:

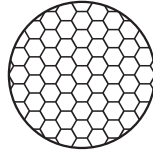
ACCESSORIES

Installation



AC044
Ground Spike

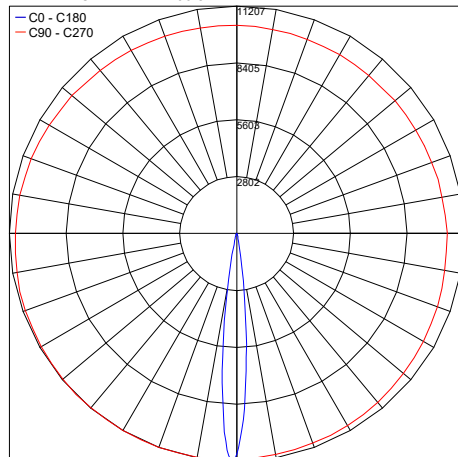
Anti-Glare



AC048
Honeycomb Louver

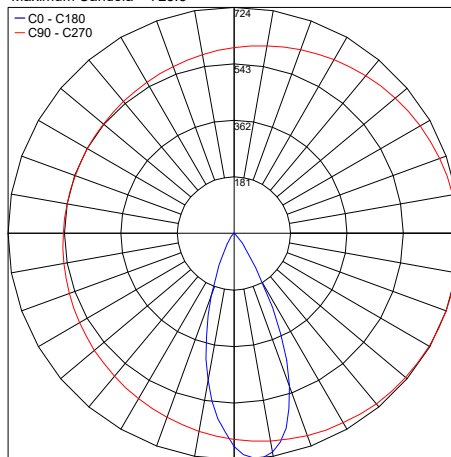
PHOTOMETRIC DATA

Maximum Candela = 11206.8



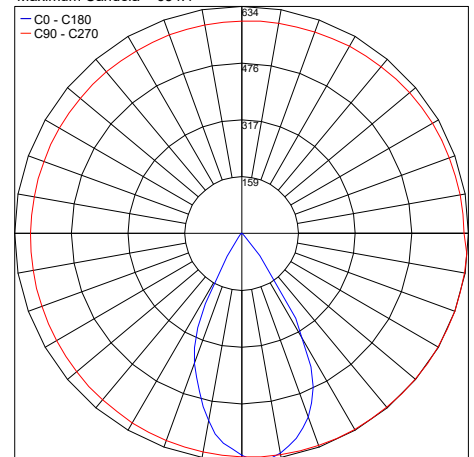
14°

Maximum Candela = 723.8



35°

Maximum Candela = 634.1



55°

ACCESSORIES ORDERING

Installation Accessories

Anti-Glare Accessories

Job Name/Date:

Fixture Type Designation:

120 V STATIC WHITE DIRECT AC RIBBONLYTE

GENLED Acolyte® Static White Direct AC RibbonLyte extends up to 164 ft on a single run with no drivers - perfect for long coves and other large spaces. It is factory cuttable every 4 inches, compared to many competitors which are only cuttable every 1.5 feet.

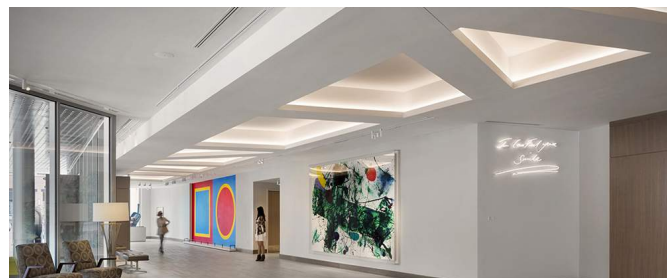
- Directly input 120 Volts AC
- Max run length: 164 ft (50 m)
- 2400K, 2700K, 3000K, 3500K, 4000K, 5000K and 6000K. Other color temperatures may be available. Consult Factory.
- Factory cuttable every 4" (101.6 mm)
- 90+ CRI
- IP65
- Dimmable with Lutron Phase - Adaptive Power Module PHPM - WBX paired with Lutron 3-wire or Lutron 2-wire 0-10V dimmer
- Sold with AC plug or bare wire input (see page 3)
- Mounting clips included

Applications:

Commercial
Entertainment
Healthcare

Hospitality
Museums
Public Spaces

Residential
Retail



RoHS

IP65

ORDERING GUIDE

| Category | CRI | Ribbon Type & IP Rating | Wattage + Color | |
|-----------------|---------------------------|-------------------------------|-------------------|-------------------|
| RB | 90 | AC12065 | | |
| RB - RibbonLyte | 90 - 90+ CRI Static White | AC12065 - Direct AC 120V IP65 | 4.024 - 4.0 2400K | 4.040 - 4.0 4000K |
| | | | 4.027 - 4.0 2700K | 4.050 - 4.0 5000K |
| | | | 4.030 - 4.0 3000K | 4.060 - 4.0 6000K |
| | | | 4.035 - 4.0 3500K | |

Connection Options:

RBAC2MI - 2 meter cable to bare wire

RBAC2MM6MI - 2 meter cable to male connector + 6 meter cable to bare wire

RBAC2MMI - 2 meter cable to male connector (for daisy-chain use with 2MO output cable)

RBAC15CMI - 15cm cable to male connector (for daisy-chain use with 15CO output cable)

RBAC2MAC - 2 meter cable to AC Plug

RBAC6CJ - 6 cm jumper cable

Included Accessories:

Mounting Clip (1 clip per linear foot)

Optional Accessories:

Waterproof Cable Connector

(Part No.: COUPW683WH) See page 4 for instruction

MAESTRO 3-wire Dimmer (Part No.: RBACDIMMAES)

Diva 3-wire Dimmer (Part No.: RBACDIMDIVA)

NOVAT 3-wire Dimmer (Part No.: RBACDIMNOVAT)

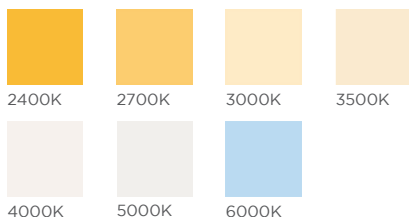
Phase Adaptive power Module (Part No.: RBACPHPM1203W)

0-10V Adapter (Part No.: RBACDIM010ADPT)

Diva 0-10V Dimmer (Part No.: RBACDIMDIVA010)



Nova T 0-10V Dimmer (Part No.: LVDIMNOVA)

AVAILABLE COLOR TEMPERATURES

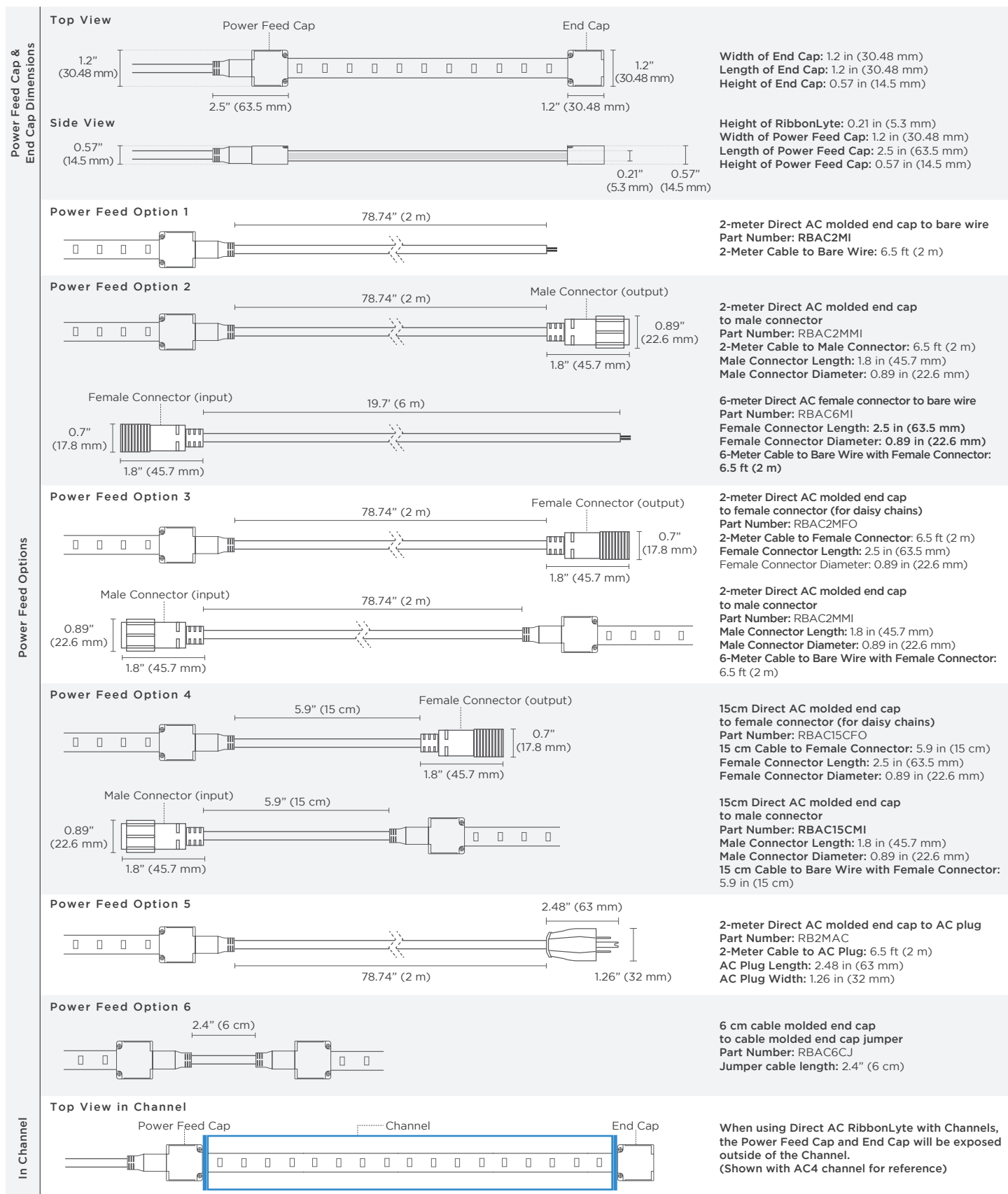




SPECIFICATIONS / DIMENSIONS / CHANNEL COMPATIBILITY

| SPECIFICATIONS | | 120 V STATIC WHITE DIRECT AC RIBBONLYTE | | | | | | |
|---|---|---|-----------------------------|------------------------------|---|------------------------------|------------------------------|--|
| Operating Voltage | 120 VAC | | | | | | | |
| Power Consumption | 4 W/ft (13.1 W/m) | | | | | | | |
| Current (mA) - 24V | 33 mA/ft (108.2 mA/m) | | | | | | | |
| LED Pitch | 18 LEDs/ft (60 LEDs/m) | | | | | | | |
| Protection Rating | IP65 | | | | | | | |
| Dimming | Dimmable with Lutron Phase - Adaptive Power Module PHPM - WBX paired with Lutron 3-wire or Lutron 2-wire 0-10V dimmer. Use with 0-10V dimmer requires 0-10V adapter shown on pages 6 and 8 | | | | | | | |
| Ambient Temperature | -4°F -113°F (-20°C - 45°C) | | | | | | | |
| Color Temperatures | 2400K | 2700K | 3000K | 3500K | 4000K | 5000K | 6000K | |
| Lumens | 265.1 lm/ft (869.8 lm/m) | 274.5 lm/ft (900.5 lm/m) | 291.4 lm/ft (956.0 lm/m) | 311.1 lm/ft (1020.8 lm/m) | 308.4 lm/ft (1012.0 lm/m) | 307.1 lm/ft (1007.7 lm/m) | 314.2 lm/ft (1031.0 lm/m) | |
| MacAdam's Ellipses (SDCM) | 2-Step Binning | | | | | | | |
| LED Beam Angle | 120° | | | | | | | |
| Cutable Length | Every 4 in (101.6 mm) | | | | | | | |
| CRI - All Color Temp | 90+ CRI | | | | | | | |
| Lumens/Watt | 65.2 lm/W | 67.6 lm/W | 71.2 lm/W | 76.6 lm/W | 75.6 lm/W | 75.2 lm/W | 76.2 lm/W | |
| Cable Length | 2 meter Cable to Bare Wire: 6.5 ft (2 m); 2 meter Cable to Male Connector: 6.5 ft (2 m); 6 meter Cable to Bare Wire with Female Connector: 6.5 ft (2 m); 2 meter Cable to Female Connector: 6.5 ft (2 m); 6 meter Cable to Bare Wire with Female Connector: 6.5 ft (2 m); 15 cm Cable to Female Connector: 5.9 in (15 cm); 15 cm Cable to Bare Wire with Female Connector: 5.9 in (15 cm); 2 meter Cable to AC Plug: 6.5 ft (2 m) 6 cm cable molded end cap to molded end cap jumper (2.4") | | | | | | | |
| Certifications | ETL Listed | | | | | | | |
| TM-21 Projection - L70 (10K) LED Lifetime | > 60,000 hours at 85° C | | | | | | | |
| Dimensions | DIRECT AC RIBBONLYTE | | | | MOUNTING CLIP (including 1 clip per foot) | | | |
| |  | | | |  | | | |
| Width | 0.62 in / 16 mm (end cap and cable grip width: 0.75 in / 20 mm) | | | | 0.8 in / 20.32 mm | | | |
| Length | 164 ft (50 m) - max length. Factory cuttable every 4 in (101.6 mm) | | | | 0.43 in / 10.92 mm | | | |
| Height | 0.21 in (5.3 mm) | | | | 0.48 in / 12.19 mm | | | |

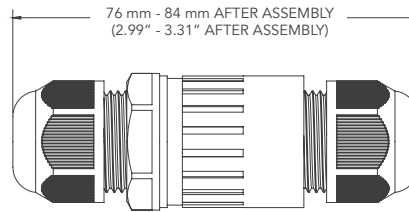
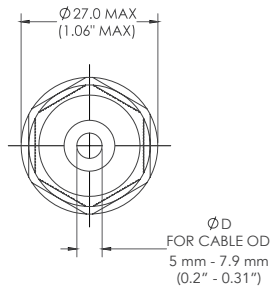
DIAGRAMS



SPECIFICATIONS

We provide 2m and 8m power feed solutions. If additional length is needed, use the cable coupler.
Part No. : COUPW683WH

Dimensions (Part Number: COUPW683WH)

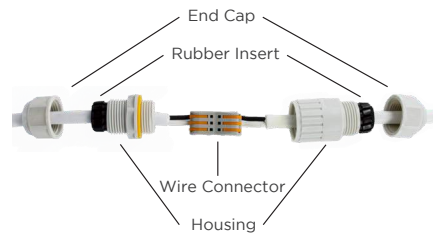


The Connector



Length: 2.99" - 3.31" After Assembly)
Diameter: 1.06" MAX

Exploded View of the Connector



Step 1



Assemble cable from one end of the connector as shown above.

Step 2



Assemble cable from other end of the connector as shown above. Make sure the wires go to their corresponding terminals (e.g. wire color matches to each other).

Step 3



Tighten two housings together and insert the rubber parts at the housing ends.

Step 4



Tighten two end caps.

RIBBONLYTE CHANNEL COMPATIBILITY

| CHANNELS | IP65 |
|----------|------|
| AC1 | |
| AC2 | |
| AC3 | |
| AC4 | ✓ |
| AC5 | ✓ |
| AP1 | |
| AR1 | |
| AR2 | |
| AR3 | |
| AS1 | |
| AS2 | |
| AS3 | |
| AS6 | ✓ |
| AS20G | |
| AT4 | |
| AT5 | |
| AT11 | |
| AW35 | |
| B1 | |
| C22 | |
| GL1 | |
| GL2 | |
| ROUND | |
| W31 | ✓ |
| WH35 | ✓ |

SURFACE MOUNTED CHANNELS

LENS OPTIONS: C - Clear F - Frosted M - Milky



AC4
C, F, M



AC5
C, F, M



AS6
C, F, M



WH35
C, F, M

RECESSED CHANNELS

LENS OPTIONS: C - Clear F - Frosted M - Milky



W31
C, F, M

USAGE GUIDELINES:

- When installing this product take into account the surface temperature of the material this product is mounted to. Many building surfaces exceed the 45° C / 113° F maximum that our product is rated for. High-risk locations like this should be avoided. Avoid direct sunlight.
- This product is not intended to be submerged in pools and fountains and does not carry UL676 certification to do so.
- Please refer to the RibbonLyte Proper Use Guide in our *Application Guide* for more information. Available for download at www.GENLEDBrands.com/Acolyte
- Compatible with a wide variety of control products including the entire line of Lutron dimming systems.
- For use with **GENLED Acolyte®** drivers, 0-10V dimming modules and interface controllers (DMXINF models).
- Use with non-**GENLED Acolyte®** supplied Triac, MLV or ELV drivers is not supported or warranted.
- Due to the nature of the product, RibbonLyte cuttable lengths are generally longer or shorter than the customer requested length. Unless specified, RibbonLyte is factory cut at the shorter cuttable point.
- We reserve the right to make changes to product lineup, specifications, design and finishes at any time without notice.

AVAILABLE CONTROLLERS

LUTRON DIVA 3-WIRE DIMMER



Part No.: RBACDIMDIVA

Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Use with Lutron Phase - Adaptive Power Module
- Large paddle switch with a captive linear-slide dimmer
- Available in white finish

* Requires Lutron Adaptive Power Module (Shown Below)

LUTRON NOVA-T 3-WIRE DIMMER



Part No.: RBACDIMNOVAT

Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Slide adjusts brightness and On/Off control
- Available in white finish

* Requires Lutron Adaptive Power Module (Shown Below)

LUTRON MAESTRO 3-WIRE DIMMER



Part No.: RBACDMIMMAES

Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Use with Lutron Phase Adaptive Power Module
- Large paddle switch with a captive linear-slide dimmer
- Available in white finish

* Requires Lutron Adaptive Power Module (Shown Below)

LUTRON DIVA 0-10V DIMMER



Part No.: RBACDIMDIVA010

Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Large paddle switch with a captive linear-slide dimmer
- Available in white finish

* Requires Lutron Adaptive Power Module and 0-10V Adapter (Both Shown Below)

LUTRON NOVA-T 0-10V DIMMER



Part No.: LVDIMNOVA

Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V dimming module
- Slide adjusts brightness and on/off control
- Available in white finish

* Requires Lutron Adaptive Power Module and 0-10V Adapter (Both Shown Below)

LUTRON ADAPTIVE POWER MODULE



Part No.: RBACPHPM1203W

Width: 6.30 in (160 mm)
Length: 5.10 in (130 mm)
Depth: 2.60 in (62 mm)

- Use for 3-wire fluorescent dimmers
- Load current capacity up to 16A
- Available in White finish

0-10V ADAPTER



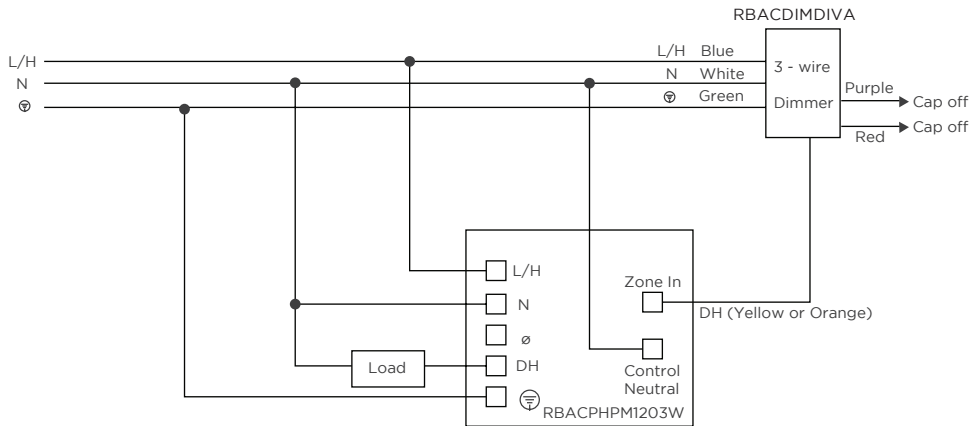
Part No.: RBACDIM010ADPT

Width: 9.51 in (241 mm)
Length: 2.38 in (60 mm)
Height: 1.50 in (38 mm)

- Capable of interfacing 0-10 V controllers to Lutron 3-wire dimmable ballasts, drivers, or interfaces
- Controls up to 16A of Lutron 3-wire dimmable ballasts, drivers, or interfaces
- Must be used in conjunction with Lutron Adaptive Power Module shown at left and with one of the two 0-10V dimmers shown above

DIMMING SYSTEM WIRING DIAGRAM

ADAPTIVE POWER MODULE (RBACPHPM1203W) WITH 3-WIRE DIVA DIMMER (RBACDIMDIVA)



LEGEND

L/H - Line/Hot

N - Neutral

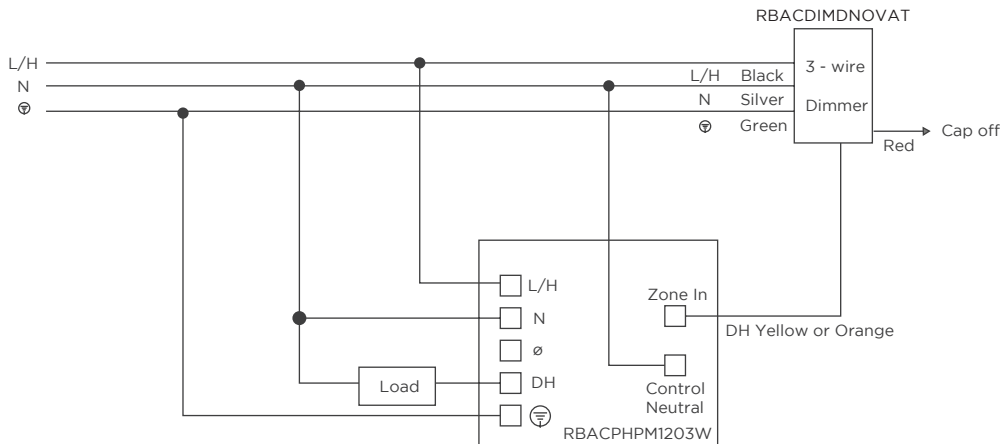
∅ - Not Used

DH - Dimmed Hot

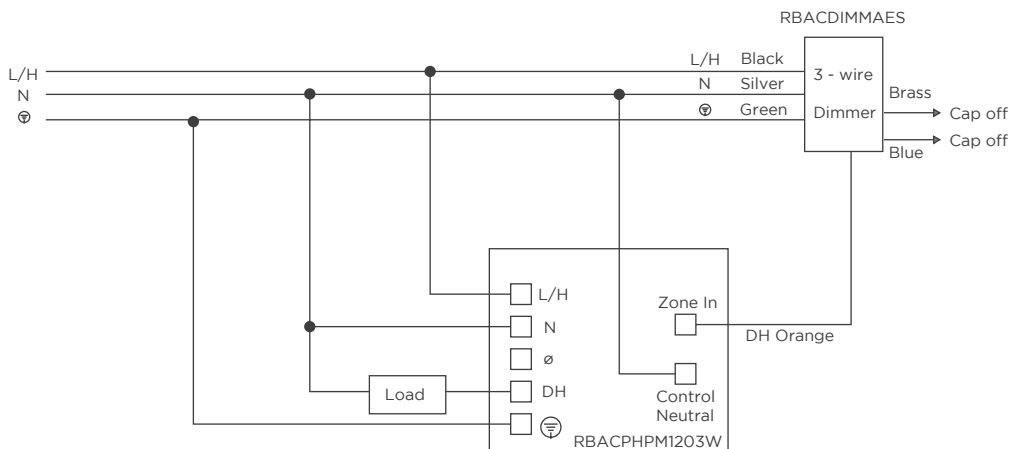
SH - Switched Hot

⊕ - Ground

ADAPTIVE POWER MODULE (RBACPHPM1203W) WITH 3-WIRE NOVA T DIMMER (RBACDIMNOVAT)



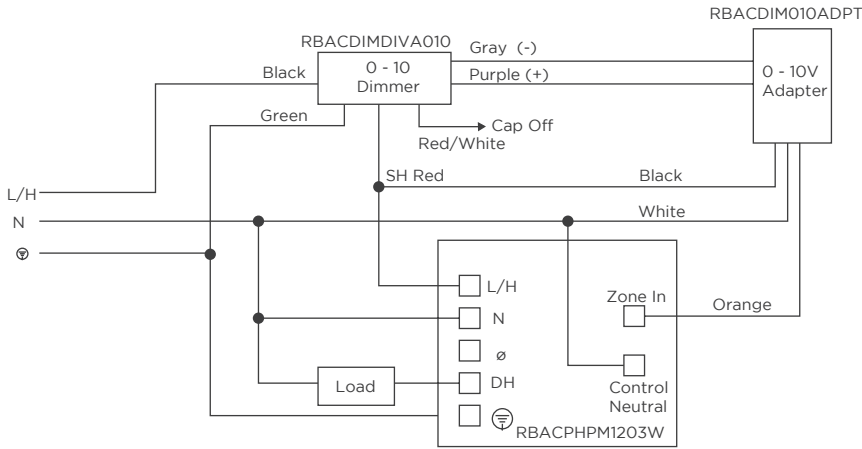
ADAPTIVE POWER MODULE (RBACPHPM1203W) WITH 3-WIRE MAESTRO DIMMER (RBACDIMMAES)



• Please reference Page 6 for more controller details.

DIMMING SYSTEM WIRING DIAGRAM

ADAPTIVE POWER MODULE (RBACPHPM1203W) CONTROL FROM 0-10 DIMMER (RBACDIMDIVA010) THROUGH A 0-10V ADAPTER (RBACDIM010ADPT)



LEGEND

L/H - Line/Hot

N - Neutral

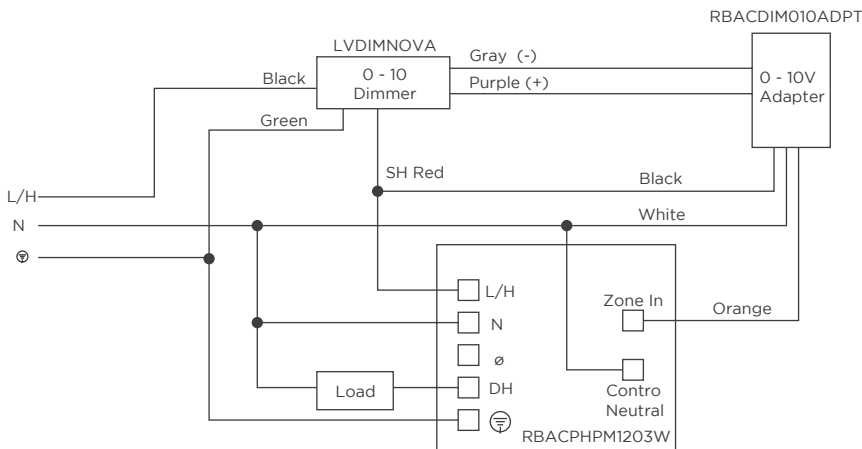
Ø - Not Used

DH - Dimmed Hot

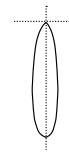
SH - Switched Hot

⊕ - Ground

ADAPTIVE POWER MODULE (RBACPHPM1203W) CONTROL FROM 0-10V DIMMER (LVDIMNOVA) THROUGH A 0-10V ADAPTER (RBACDIM010ADPT)



• Please reference Page 6 for more controller details.



High Center Beam Wall Mount Cylinder

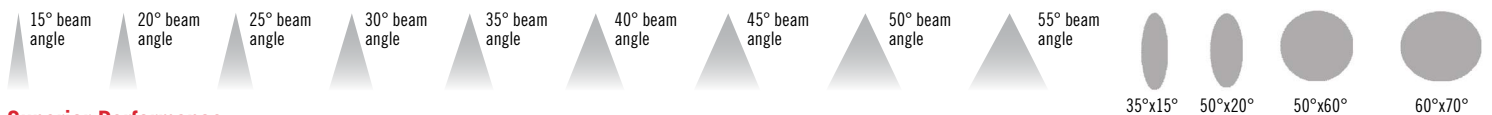
2"

Feature Set

- Thirteen optimized distribution patterns allow designers to achieve tailored objectives
- Bounding Ray™ optical design
- 50° Cutoff to source and source image
- Field interchangeable optic
- Driver and LED light engine fully serviceable from below ceiling
- 70% lumen maintenance at 60,000 hours
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional
- Fixtures are wet location, covered ceiling (WL option)
- ENERGY STAR® Certified product
- 20 standard colors in textured and gloss finish; custom or RAL colors also available



Distribution



Superior Performance

| Nominal lumens | 250 | 500 | 750 | 1000 | 1500 | 2000 |
|----------------|-----|-----|-----|------|------|------|
| Delivered | 263 | 560 | 859 | 1177 | 1764 | 2227 |
| Wattage | 3.1 | 5.6 | 8.7 | 12.0 | 19.8 | 28.6 |
| Efficacy | 85 | 100 | 99 | 98 | 89 | 78 |

*Based on 3500K 80CRI 15D AR LSS

Coordinated Apertures | Multiple Layers of Light



General Illumination Layer | EVO



High Center Beam Layer | Incito



EVO + Incito — Multiple Layers of Light

Core



Downlight



Adjustable



Open Wallwash



Lensed Wallwash



Cylinder



Pinhole



Bevel



Hyperbolic

Healthcare



MRI



Surgical Suite



Patient Room

Special Applications



Dynamic



Food Service



Vandal/Tamper



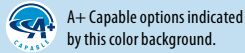
Clean Room



Shower



Steam Room



Design2Ship Quick Ship Program: Options in green text qualify for Design2Ship — 5 business days from order entry to ship. Refer to Design2Ship Brochure for complete program details. **Maximum Order Quantity: 50 units.**

Luminaire Type:

Catalog Number:

EXAMPLE: IC02WC 35/10 AR LSS 20D MVOLT UGZ RGH DWHG

| Series | Color Temperature | Lumens | Reflector Color | Reflector Finish | Beam |
|--|-------------------|----------------|--------------------------------------|-------------------|---------------------------------------|
| IC02WC Incito 2in Round Wall Mount Cylinder Open Downlight | 27/ 2700 K | 02 250 lumens | AR Clear | LSS Semi-specular | 15D 15° beam angle |
| | 30/ 3000 K | 05 500 lumens | PR Pewter | LD Matte diffuse | 20D 20° beam angle |
| | 35/ 3500 K | 07 750 lumens | WTR Wheat | | 25D 25° beam angle |
| | 40/ 4000 K | 10 1000 lumens | GR Gold | | 30D 30° beam angle |
| | 50/1 5000 K | 15 1500 lumens | WR ² White painted | | 35D 35° beam angle |
| | | 20 2000 lumens | BR ² Black | | 40D 40° beam angle |
| | | | BZR ² Dark Bronze painted | | 45D 45° beam angle |
| | | | | | 50D 50° beam angle |
| | | | | | 55D 55° beam angle |
| | | | | | 3515D Elliptical 35° x 15° beam angle |
| | | | | | 5020D Elliptical 50° x 20° beam angle |
| | | | | | 5060D Elliptical 50° x 60° beam angle |
| | | | | | 6070D Elliptical 60° x 70° beam angle |

| Voltage | Driver | Mounting | Control Interface ⁵ |
|-------------------|---|--|---|
| MVOLT 120V - 277V | UGZ ³ Universal dimming to 1% (0-10V, 120V TRIAC or ELV) | RGH ⁴ Recessed Gear Housing | (blank) |
| 120 120V | | SGB Surface Gear Box | NLT nLight® dimming pack. |
| 277 277V | | | NLTER ⁶ nLight® dimming pack for fixtures on emergency circuit |
| | | | NLTAIR2 nLight® AIR dimming pack. |
| | | | NLTAIRER2 ⁶ nLight® AIR dimming pack for fixtures on emergency circuit |
| | | | NLTAIREM2 nLight® AIR dimming pack for fixtures on emergency circuit |

| Options | Architectural Colors - Powder Paint ⁹ |
|--|--|
| 90CRI ¹ High CRI (90+) | DDB Gloss Dark Bronze |
| N80 ⁷ nLight Lumen Compensation | DBL Gloss Black |
| WL ⁸ Wet Location | DWH Gloss White |
| | DMB Gloss Medium Bronze |
| | DNA Gloss Natural Aluminum |
| | DSS Gloss Sandstone |
| | DGC Gloss Charcoal Grey |
| | DTG Gloss Tennis Green |
| | DBR Gloss Bright Red |
| | DSB Gloss Steel Blue |
| | DDBT Textured Dark Bronze |
| | DBLB Matte Black |
| | DWHG Textured White |
| | DBNH Textured Bronze |
| | DNAT Textured Natural Aluminum |
| | DSST Textured Sandstone |
| | DSPD Textured Dark Grey |
| | DSPE Textured Green |
| | DSPH Textured Light Red |
| | DWHAMF Gloss White with Anti-microbial finish |

ACCESSORIES — order as separate catalog numbers (shipped separately)

| | |
|------------------|--|
| IC020PTC XXD | Additional optics for field installation. Replace "XX" with beam angle. |
| IC020PTC KIT | Kit including a field interchangeable optic for each of the 13 preset beam distribution patterns |
| HS234FL | Hole saw for RGH option |
| SDT 347/120 75VA | 347V/120V, 75VA step down transformer. Must be remote mounted. |

ORDERING NOTES

- 5000K CCT not available with 90CRI.
- Not available with Reflector Finish.
- Refer to [Tech 240](#) for compatible dimmers.
- RGH with 2000LM option requires 120 or 277 (non-IC).
- Field installed. Access required to location of remote mounted device.
- ER for use with generator supply power. Will require an emergency hot feed and normal hot feed.
- Requires NLT or NLTER.
- Must be mounted in down orientation in wet location applications.
- For details on RAL and Custom colors please see [Architectural colors](#).

Optical and Trim Assembly

Fully serviceable and upgradeable lensed LED light engine suitable for field maintenance or service from below the ceiling.

Optical design is a Bounding Ray™ design with 50° cutoff to source and source image. Top down flash characteristic for superior glare control.

Superior 100% Virgin-silicone refractive optic, enables maximum dimensional stability and optical transmission with no discoloration over life. Field interchangeable optics.

Electrical

The luminaire shall operate from a 50 or 60 Hz ± 3 Hz AC line over a voltage ranging from 120 VAC to 277 VAC. Support 347V via remote-mounted stepdown transformer. The fluctuations of line voltage shall have no visible effect on the luminous output.

The luminaire shall have a power factor of 90% or greater at all standard operating voltages and full luminaire output.

Sound Rated A+. Driver shall be >80% efficient at full load across all input voltages. THD @ Full Load is >20%. Inrush current meets NEMA-410 requirements. Surge Protection +/- 1kV DM, +/- 2kV CM.

Controls

Luminaire shall be equipped with interface for nLight wired or nLight AIR networks with integral power supply as per specification.

Dimming

The luminaire shall be capable of continuous dimming without perceivable stroboscopic flicker as measured by flicker index (ANSI/IES RP-16-10) over a range of 100 – 1.0% of rated lumen output with a smooth shut off function to step to 0%.

Driver is inaudible in 24dB environment, and stable when input voltage conditions fluctuate over what is typically experienced in a commercial environment.

Construction

Surface Gear Box (SGB) for direct installation to 4" recessed or surface octagonal (by others).

Recessed Gear Housing (RGH) ships with driver box for recessed or surface installation.

Die cast with flangeless reflector allows flow-through passive thermal management.

Accommodates between 3/8" to 3"-thick ceilings.

Listings

Fixtures are UL Certified to meet US and Canadian Standards: All fixtures manufactured in strict accordance with the appropriate and current requirements of the "Standards for Safety" to UL, wet location covered ceiling. ENERGY STAR® Certified product.

RGH option is IC rated up to 1500LM

Luminaire configurations are Energy Star certified through testing in EPA-recognized laboratories, with the results reviewed by an independent, accredited certification organization. Visit www.energystar.gov for specific configurations listed

Photometrics

LEDs tested to LM-80 standards. Measured by IESNA Standard LM-79-08 in an accredited lab. Lumen output shall not decrease by more than 30% over the minimum operational life of 60,000 hours.

Color appearance from luminaire to luminaire of the same type and in all configurations, shall be consistent both initially and at 6,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by the center of the quadrangles defined in ANSI C78.377-2015.

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.

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

| Lumen Output Multiplier | | |
|-------------------------|-------|------------|
| CRI | CCT | Multiplier |
| 80 | 2700K | 0.910 |
| | 3000K | 0.946 |
| | 3500K | 1.000 |
| | 4000K | 1.027 |
| | 5000K | 1.054 |
| 90 | 2700K | 0.784 |
| | 3000K | 0.847 |
| | 3500K | 0.874 |
| | 4000K | 0.946 |

| Reflector Finish Multiplier | |
|-----------------------------|------------|
| Reflector Finish | Multiplier |
| LSS - Semi Specular | 1.00 |
| LD - Matte Diffuse | 0.98 |
| Reflector Color | Multiplier |
| WR - White | 0.98 |
| BR - Black | 0.92 |
| BZR - Bronze | 0.91 |
| AR - Clear | 1.00 |
| GR - Gold | 0.99 |
| PR - Pewter | 0.99 |
| WTR - Wheat | 0.98 |

| Driver | | Control Provided | | | | |
|--------------|-------------------------|------------------|----------------|----------------|-------------------|-------------------|
| Nomenclature | Description | NLT | NLTER | NLTAIR2 | NLTAIREM2 | NLTAIRER2 |
| UGZ | 0-10V driver dims to 1% | nPP16 D EFP | nPP16 D ER EFP | RPP20 D 24V G2 | RPP20 D 24V EM G2 | RPP20 D 24V ER G2 |

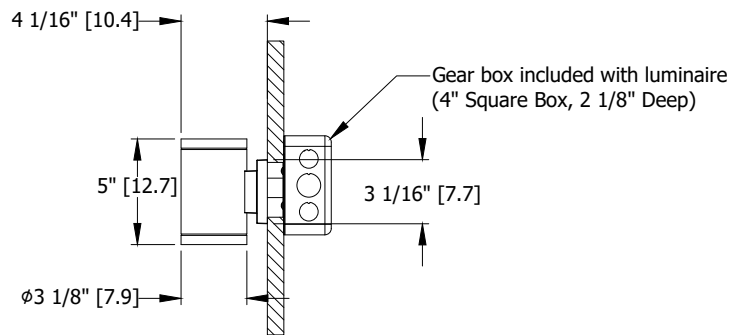
| J-box Compatibility Matrix | | Cylinder Configurations | |
|-------------------------------|--|-------------------------|-----|
| | | SGB | RGH |
| Recommended J-box (by others) | 4" Octagonal 4x4x1.5 deep (by others) | ✓ | ✗ |
| | 4" Octagonal 4x4x2.125 deep (by others) | ✓ | ✗ |
| | Factory Provided Gear Box (4" Square 4x4x1.5 deep) | ✗ | ✓ |

Standard Architectural Color Options for Cylinder Bodies

| | | | | | | | |
|---|--|---|---|---|--|--|--|
|  DSS LITHONIA P12 Sandstone |  DSST TEXTURED P90 Sandstone |  DBR LITHONIA P34 Bright Red |  DSPH TEXTURED P80 Light Red |  DMB LITHONIA P11 Medium Bronze |  DBNH TEXTURED P74 Bronze |  DTG LITHONIA P33 Tennis Green |  DSPE TEXTURED P78 Green |
|  DSB LITHONIA P49 Steel Blue |  DNA LITHONIA P07 Natural Aluminum |  DNAT TEXTURED P89 Natural Aluminum |  DGC LITHONIA P32 Charcoal Gray |  DSPD TEXTURED P77 Dark Grey |  DDB LITHONIA P50 Dark Bronze |  DDBT TEXTURED P88 Dark Bronze |  DBL LITHONIA P13 Black |
|  DBLB TEXTURED P75 Black |  DWH LITHONIA P21 White |  DWHG TEXTURED P86 White | | | | | |

NOTE: These colors were carefully reproduced to give as true a depiction as possible of finished product color. Some colors, however, may vary slightly from actual appearance due to display/printing variations and limitations. Please always contact a Gotham representative for an accurate paint chip sample.

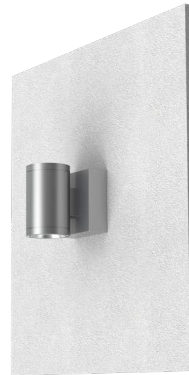
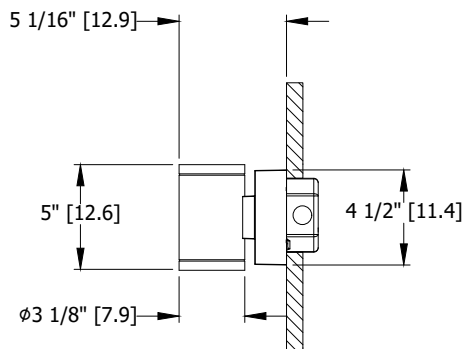
RGH - Recessed Gear Housing



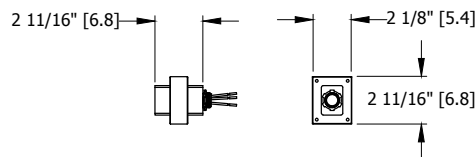
Wall cutout: $\phi 2 3/4"$ [7]
 Wall thickness range: $1/2"$ [1.3] to $3"$ [7.6]
 Luminaire can be mounted as uplight or downlight



SGB - Surface Gear Box



347V Transformer



347 Transformer:
 Install to accessible
 junction box by others

*Dimensions in inches [centimeters]

CONSULT WWW.GOTHAMLIGHTING.COM FOR ADDITIONAL PHOTOMETRY

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

nLight® AIR Control Accessories

Order as separate catalog number. Visit [nLight AIR](#).

Wall Switches

| Model Number | |
|----------------------------------|------------------------|
| On/Off single pole | rPODB (color) G2 |
| On/Off two pole | rPODB 2P (color) G2 |
| On/Off & raise/lower single pole | rPODB DX (color) G2 |
| On/Off & raise/lower two pole | rPODB 2P DX (color) G2 |

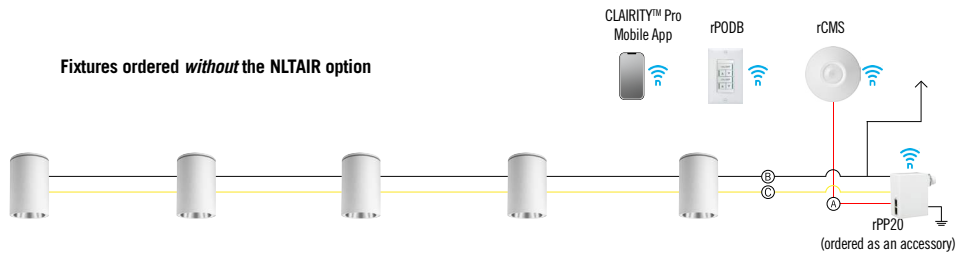
nLight® AIR Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

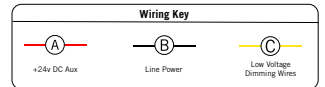
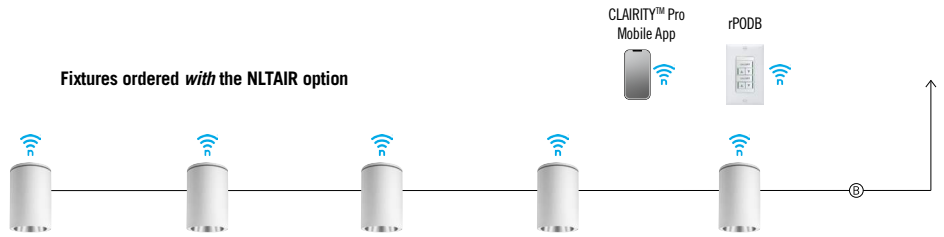
| Model Number | |
|----------------------------|-----------------------|
| Small motion 360°, ceiling | rCMS 9 / rCMS PDT 9 |
| Large motion 360°, ceiling | rCMS 10 / rCMS PDT 10 |

Possibilities for nLight® AIR

Fixtures ordered *without* the NLTAIR option



Fixtures ordered *with* the NLTAIR option



nLight® Wired The nLight® solution is a digital networked lighting control system that provides both energy savings and increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based and manual lighting control schemes.

nLight® Wired Control Accessories

Order as separate catalog number. Visit [nLight](#).

Wall Switches

| Model Number | |
|----------------------------------|------------------|
| On/Off single pole | nPODM (XX) |
| On/Off two pole | nPODM 2P (XX) |
| On/Off & raise/lower single pole | nPOD DX (XX) |
| On/Off & raise/lower two pole | nPODM 2P DX (XX) |
| Graphic touchscreen | nPOD GFX (XX) |

Photocell Controls

| | |
|---------|----------|
| Dimming | nCM ADCX |
|---------|----------|

nLight® Wired Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

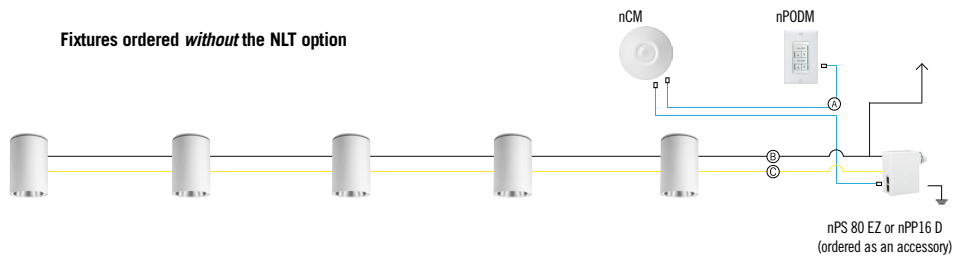
| Model Number | |
|------------------------------|-----------------------------|
| Small motion 360°, ceiling | nCM 9 / nCM PDT 9 |
| Large motion 360°, ceiling | nCM 10 / nCM PDT 10 |
| Wide View | nWV 16 / nWV PDT 16 |
| Wall switch with raise/lower | nWSX LV DX / nWSX PDT LV DX |

Cat-5 Cables (plenum rated)

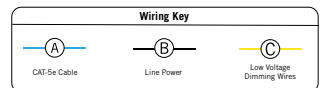
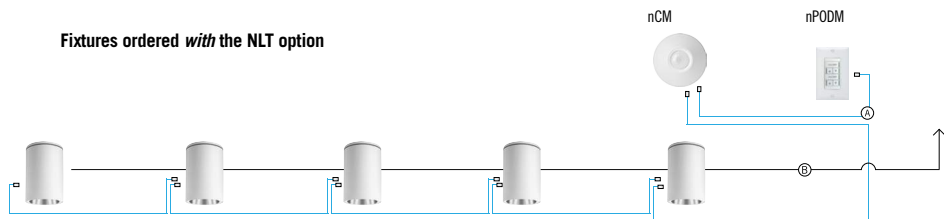
| | |
|-----------|--------------|
| 10', CAT5 | CAT5 10FT J1 |
| 15', CAT5 | CAT5 15FT J1 |

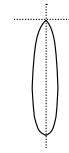
Possibilities for nLight® wired

Fixtures ordered *without* the NLT option



Fixtures ordered *with* the NLT option





High Center Beam Wall Mount Cylinder

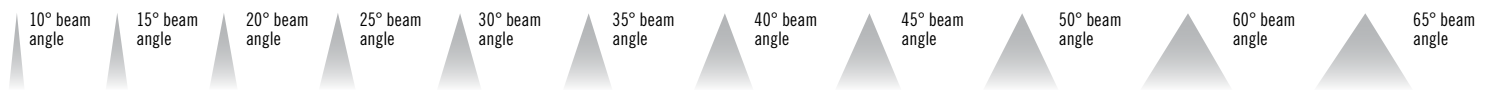
4"



Feature Set

- Eleven optimized distribution patterns allow designers to achieve tailored objectives
- Bounding Ray™ optical design
- 45° cutoff to source and source image
- Fully serviceable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional
- Fixtures are damp location standard; wet location option (WL)
- 20 standard colors in textured and gloss finish; custom or RAL colors also available
- Field configurable surface junction box conduit covers available
- ENERGY STAR® Certified product

Distribution



Superior Performance

| Nominal Lumens | 500 | 750 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 |
|----------------|-----|-----|------|------|------|------|------|------|------|------|------|
| Delivered | 703 | 807 | 1062 | 1545 | 1977 | 2419 | 2920 | 3548 | 3982 | 4419 | 4848 |
| Wattage | 6.7 | 7.5 | 9.8 | 15.1 | 21.5 | 26.5 | 34.1 | 33.8 | 39.5 | 46.2 | 53.2 |
| Efficacy | 104 | 108 | 108 | 102 | 92 | 91 | 86 | 105 | 101 | 96 | 91 |

Coordinated Apertures | Multiple Layers of Light



General Illumination Layer | EVO

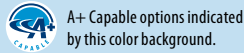


High Center Beam Layer | Incito



EVO + Incito — Multiple Layers of Light

| | | | | | | | | |
|-----------|----------------|-----------------|------------|-----------|------------|-----------------|----------|--|
| Downlight | Open Wallwash | Lensed Wallwash | Cylinder | Downlight | Adjustable | Lensed Wallwash | Cylinder | Core Healthcare Special Applications |
| MRI | Surgical Suite | Patient Room | | | | | | |
| Dynamic | Food Service | Vandal | Clean Room | Shower | | | | |



A+ Capable options indicated by this color background.

Luminaire Type:

Catalog Number:

EXAMPLE: IC04WC 35/15 AR LSS 35D MVOLT EZ1 JBX DN DWHG

| Series | Color Temperature | Lumens | Reflector Color | Reflector Finish | Beam | Voltage |
|--|-------------------|----------------|---|-------------------|---------------------------------|-----------------------|
| IC04WC Incito 4in Wall Mount Round Cylinder Open Downlight | 27/ 2700 K | 02 250 lumens | AR Clear | LSS Semi-specular | 10D ² 10° beam angle | MVOLT 120V - 277V |
| | 30/ 3000 K | 05 500 lumens | PR Pewter | LD Matte diffuse | 15D 15° beam angle | |
| | 35/ 3500 K | 07 750 lumens | WTR Wheat | LS Specular | 20D 20° beam angle | 120 120V |
| | 40/ 4000 K | 10 1000 lumens | GR Gold | | 25D 25° beam angle | 277 277V |
| | 50/ 5000 K | 15 1500 lumens | WR ¹ White painted | | 30D 30° beam angle | 347 ³ 347V |
| | | 20 2000 lumens | BR ¹ Black | | 35D 35° beam angle | |
| | | 25 2500 lumens | WRAMF ¹ White anti-microbial | | 40D 40° beam angle | |
| | | 30 3000 lumens | BZR ¹ Dark Bronze painted | | 45D 45° beam angle | |
| | | 35 3500 lumens | | | 50D 50° beam angle | |
| | | 40 4000 lumens | | | 60D 60° beam angle | |
| | | 45 4500 lumens | | | 65D 65° beam angle | |
| | | 50 5000 lumens | | | | |

| Driver ⁴ | Mounting | Fixture Orientation |
|--|--|---|
| GZ10 0-10V driver dims to 10% | JBX Integral driver, Recessed or Surface J-box | DN Mounted with reflector pointing down UP ⁷ Mounted with reflector pointing up |
| GZ1 0-10V driver dims to 1% | | |
| EZ10 eldoLED 0-10V EC0drive. Linear dimming to 10% min. | | |
| EZ1 eldoLED 0-10V EC0drive. Linear dimming to 1% min. | | |
| EZB eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%. | | |
| EDAB ⁶ eldoLED SOLOdrive DALI. Logarithmic dimming to <1%. | | |
| EDXB ^{5,6} eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Min: 1000LM; Max: 4000LM. | | |
| ECOS2 ⁶ Lutron® Hi-Lume® 2-wire forward-phase driver. 120V Only. Minimum dimming level 1%. Min: 1000LM; Max: 2000LM. | | |
| ECOD ⁶ Lutron® EcoSystem® digital Hi-Lume 1% soft-on, fade to black. Min: 500LM; Max: 750LM. | | |

| Control Interface ⁸ | Options | Architectural Colors - Powder Paint ¹² |
|---|--|---|
| (blank) No controls | SF Single fuse. Specify 120V or 277V. | DDB Gloss Dark Bronze |
| NLT nLight® dimming pack. | 90CRI High CRI (90+) | DBL Gloss Black |
| NLTER ⁹ nLight® dimming pack for fixtures on emergency circuit | N80 nLight Lumen Compensation | DWH Gloss White |
| NLTAIR2 nLight® AIR dimming pack. | HAO ¹⁰ HAO High Ambient Option (40°C) | DMB Gloss Medium Bronze |
| NLTAIRER2 ⁹ nLight® AIR dimming pack for fixtures on emergency circuit | WL ¹¹ Wet Location | DNA Gloss Natural Aluminum |
| | | DSS Gloss Sandstone |
| | | DGC Gloss Charcoal Grey |
| | | DTG Gloss Tennis Green |
| | | DBR Gloss Bright Red |
| | | DSB Gloss Steel Blue |
| | | DDBT Textured Dark Bronze |
| | | DBLB Matte Black |
| | | DWHG Textured White |
| | | DBNH Textured Bronze |
| | | DNAT Textured Natural Aluminum |
| | | DSST Textured Sandstone |
| | | DSPD Textured Dark Grey |
| | | DSPE Textured Green |
| | | DSPH Textured Light Red |
| | | DWHAMF Gloss White with Anti-microbial finish |

ACCESSORIES — order as separate catalog numbers (shipped separately)

OPTC4 XXD Additional optics for field installation. Replace "XX" with beam angle.

ORDERING NOTES

- Not Available with Finishes.
- Only available 1500lm and below.
- Factory supplied step down transformer must be remote mounted. Access required to location of remote mounted device.
- Refer to [Tech 240](#) for compatible dimmers.
- Includes terminator resistor.
- Not Available with Control Interfaces.
- For indoor, damp location use only.
- Field installed. Access required to location of remote mounted device.
- For use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- Only available up to 2500 lumens; not available with WL or ECOS2.
- Not available with UP. Max: 2500LM.
- For details on RAL and Custom colors please see [Architectural colors](#)

Optical Assembly

Fully serviceable and upgradeable lensed LED light engine suitable for field maintenance or service from below the ceiling. Optical design is a Bounding Ray™ design with 45° cutoff to source and source image. Top down flash characteristic for superior glare control.

Electrical

The luminaire shall operate from a 50 or 60 Hz ± 3 Hz AC line over a voltage ranging from 120 VAC to 277 VAC. Support 347V via remote-mounted stepdown transformer. The fluctuations of line voltage shall have no visible effect on the luminous output.

The luminaire shall have a power factor of 90% or greater at all standard operating voltages and full luminaire output.

Sound Rated A+. Driver shall be >80% efficient at full load across all input voltages.

Input wires shall be 18AWG, 300V minimum solid copper.

Controls

Luminaire shall be equipped with interface for nLight wired or nLight AIR networks with integral power supply as per specification.

Emergency

Luminaires supplied with a battery pack comply with NFPA 101 (Life Safety code) and deliver constant light output throughout the 90 minutes of code required emergency operation period when there is a normal AC power loss.

Luminaires equipped with a generator transfer device work in conjunction with an auxiliary generator or a central inverter system to power fixtures for safe egress lighting.

Dimming

The luminaire shall be capable of continuous dimming without perceivable stroboscopic flicker as measured by flicker index (ANSI/IES RP-16-10) over a range of 100 – 10%, 100 – 1.0% or 100 – 0.1% of rated lumen output with a smooth shut off function to step to 0%.

LED drivers shall conform to IEEE P1789 standards. Alternatively, manufacturers must demonstrate conformance with product literature and testing which demonstrates this performance. Systems that do not meet IEEE P1789 will not be considered.

Driver is inaudible in 24dB environment, and stable when input voltage conditions fluctuate over what is typically experienced in a commercial environment.

Construction

Heavy-gauge aluminum construction.

Extruded body with flangeless reflector allows flow-through passive thermal management.

Surface ceiling mount for direct installation to 4" recessed or surface octagonal junction box.

Optional field configurable conduit covers available. Conduit covers match cylinder in finish and diameter.

Wall mount can be oriented in up or down position. For wet location, specify WLL for lens.

Listings

Fixtures are CSA Certified to meet US and Canadian Standards: All fixtures manufactured in strict accordance with the appropriate and current requirements of the "Standards for Safety" to UL, damp location standard; wet location options available open under covered ceiling (WL) or lensed (WLL).

Luminaire configurations are Energy Star certified through testing in EPA-recognized laboratories, with the results reviewed by an independent, accredited certification organization. Visit www.energystar.gov for specific configurations listed.

Photometrics

LEDs tested to LM-80 standards. Measured by IESNA Standard LM-79-08 in an accredited lab. Lumen output shall not decrease by more than 30% over the minimum operational life of 60,000 hours.

Color appearance from luminaire to luminaire of the same type and in all configurations, shall be consistent both initially and at 6,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by the center of the quadrangles defined in ANSI C78.377-2015.

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.

CSA+ 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

| ICO - eldoLED Driver Default Dimming Curve | | | |
|--|-------------|------------------|--------------------|
| Nomenclature | Min Dimming | Driver Dim Curve | Control Dim Curve |
| EZ10 | 10% | Linear | Linear/Logarithmic |
| EZ1 | 1% | Linear | Linear/Logarithmic |
| EZB | <1% | Logarithmic | Linear |
| EDAB | <1% | Logarithmic* | Linear |
| EDXB | <1% | Square | Linear |

*Changable through DALI controller

| Lumen Output Multiplier | | |
|-------------------------|-------|------------|
| CRI | CCT | Multiplier |
| 80 | 2700K | 0.916 |
| | 3000K | 0.948 |
| | 3500K | 1 |
| | 4000K | 1.032 |
| | 5000K | 1.1 |
| 90 | 2700K | 0.748 |
| | 3000K | 0.8 |
| | 3500K | 0.838 |
| | 4000K | 0.845 |
| | 5000K | 0.945 |

| Reflector Finish Multiplier | |
|-----------------------------|------------|
| Reflector Finish | Multiplier |
| LS - Specular | 1 |
| LSS - Semi Specular | 0.956 |
| WR - White | 0.87 |
| LD - Matte Diffuse | 0.85 |
| BR - Black | 0.73 |
| BZR - Bronze | 0.73 |

| Control Provided (note: 347V/UVOLT versions provided with 347 option selected) | | | | | |
|---|--------------------------|-------------|----------------|----------------|-------------------|
| Nomenclature | Description | NLT | NLTER | NLTAIR2 | NLTAIRER2 |
| GZ10 | 0-10V driver dims to 10% | nPP16 D EFP | nPP16 D ER EFP | RPP20 D 24V G2 | RPP20 D 24V ER G2 |
| GZ1 | 0-10V driver dims to 1% | nPP16 D EFP | nPP16 D ER EFP | RPP20 D 24V G2 | RPP20 D 24V ER G2 |
| EZ10 | eldoLED 0-10V ECOdrive | nPS 80 EZ | nPS 80 EZ ER | RPP20 D 24V G2 | RPP20 D 24V ER G2 |
| EZ1 | eldoLED 0-10V ECOdrive | nPS 80 EZ | nPS 80 EZ ER | RPP20 D 24V G2 | RPP20 D 24V ER G2 |
| EZB | eldoLED 0-10V SOLOdrive | nPS 80 EZ | nPS 80 EZ ER | RPP20 D 24V G2 | RPP20 D 24V ER G2 |

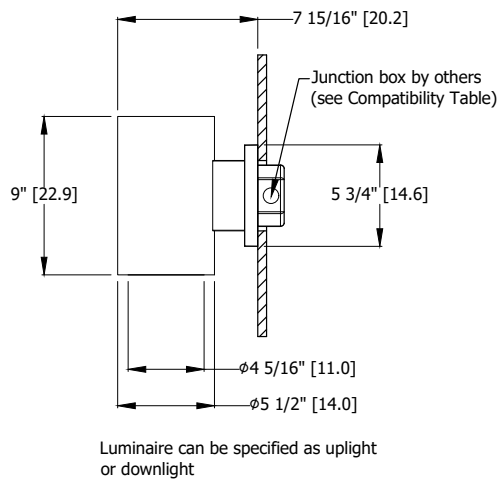
| J-box Compatibility Matrix | | Cylinder Configurations | |
|-------------------------------|-----------------------------|-------------------------|-------------------|
| | | JBX | JBX w/EDXB Driver |
| Recommended J-box (by others) | 4" Octagonal 4x4x1.5 deep" | ✓ | ✗ |
| | 4" Octagonal 4x4x2.125 deep | ✓ | ✓ |
| | 4" Square 4x4x1.5 deep | ✓ | ✗ |

Standard Architectural Color Options for Cylinder Bodies

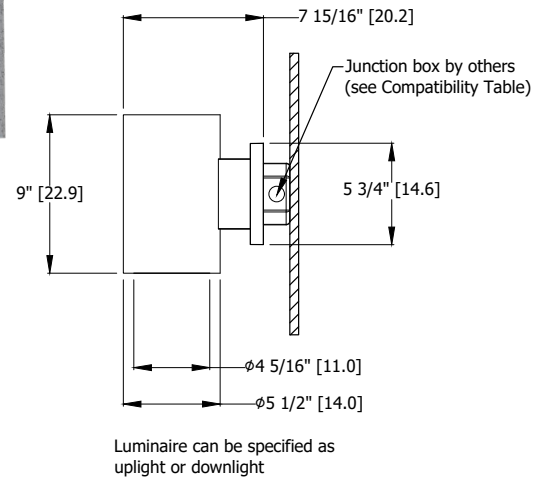
| | | | | | | | |
|---|--|---|---|---|--|--|--|
|  DSS LITHONIA P12 Sandstone |  DSST TEXTURED P90 Sandstone |  DBR LITHONIA P34 Bright Red |  DSPH TEXTURED P80 Light Red |  DMB LITHONIA P11 Medium Bronze |  DBNH TEXTURED P74 Bronze |  DTG LITHONIA P33 Tennis Green |  DSPE TEXTURED P78 Green |
|  DSB LITHONIA P49 Steel Blue |  DNA LITHONIA P07 Natural Aluminum |  DNAT TEXTURED P89 Natural Aluminum |  DGC LITHONIA P32 Charcoal Gray |  DSPD TEXTURED P77 Dark Grey |  DDB LITHONIA P50 Dark Bronze |  DDBT TEXTURED P88 Dark Bronze |  DBL LITHONIA P13 Black |
|  DBLB TEXTURED P75 Black |  DWH LITHONIA P21 White |  DWHG TEXTURED P86 White | | | | | |

NOTE: These colors were carefully reproduced to give as true a depiction as possible of finished product color. Some colors, however, may vary slightly from actual appearance due to display/printing variations and limitations. Please always contact a Gotham representative for an accurate paint chip sample.

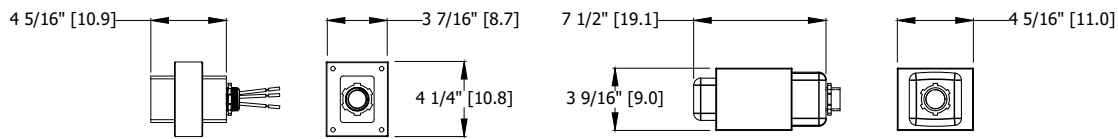
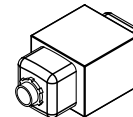
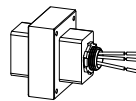
JBX Recessed J-Box



JBX Surface J-Box



347V Stepdown Transformer

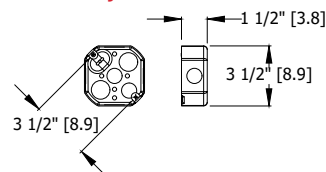


347 Transformer:
Up to 6000LM
Install to accessible
junction box by others

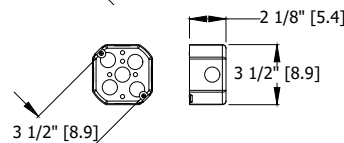
347 Transformer:
8000LM and up
Install to accessible
junction box by others

Junction Box Dimensions (by others)

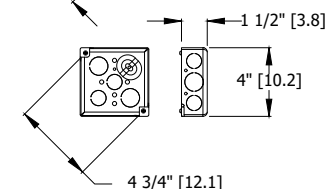
4" Octagonal J-Box, 1 1/2" Deep



4" Octagonal J-Box, 2 1/8" Deep



4" Square J-Box, 1 1/2" Deep



*Dimensions in inches [centimeters]

Consult product webpage at WWW.GOTHAMLIGHTING.COM or WWW.ACUITYBRANDS.COM

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

nLight® AIR Control Accessories

Order as separate catalog number. Visit [nLight AIR](#).

Wall Switches

| Model Number | |
|----------------------------------|------------------------|
| On/Off single pole | rPODB (color) G2 |
| On/Off two pole | rPODB 2P (color) G2 |
| On/Off & raise/lower single pole | rPODB DX (color) G2 |
| On/Off & raise/lower two pole | rPODB 2P DX (color) G2 |

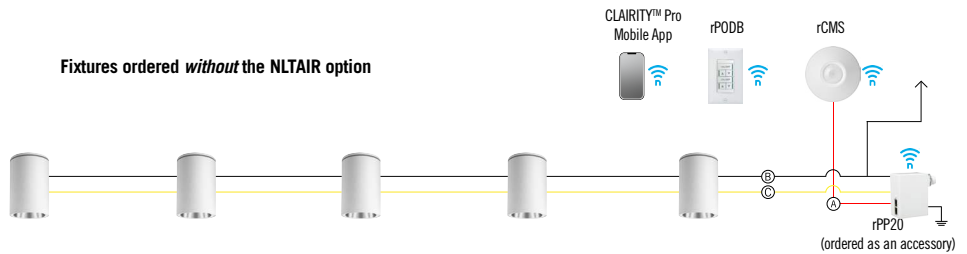
nLight® AIR Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

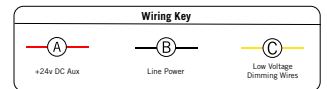
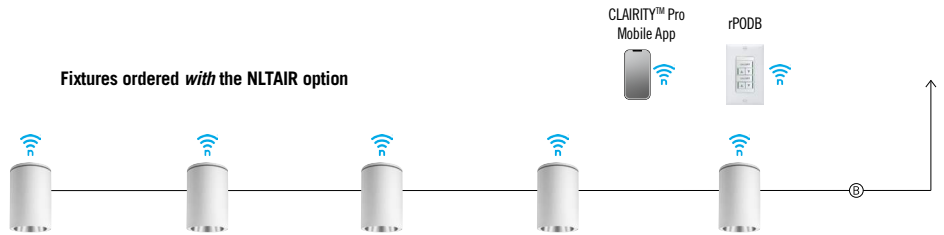
| Model Number | |
|----------------------------|-----------------------|
| Small motion 360°, ceiling | rCMS 9 / rCMS PDT 9 |
| Large motion 360°, ceiling | rCMS 10 / rCMS PDT 10 |

Possibilities for nLight® AIR

Fixtures ordered *without* the NLTAIR option



Fixtures ordered *with* the NLTAIR option



nLight® Wired The nLight® solution is a digital networked lighting control system that provides both energy savings and increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based and manual lighting control schemes.

nLight® Wired Control Accessories

Order as separate catalog number. Visit [nLight](#).

Wall Switches

| Model Number | |
|----------------------------------|------------------|
| On/Off single pole | nPODM (XX) |
| On/Off two pole | nPODM 2P (XX) |
| On/Off & raise/lower single pole | nPOD DX (XX) |
| On/Off & raise/lower two pole | nPODM 2P DX (XX) |
| Graphic touchscreen | nPOD GFX (XX) |

Photocell Controls

| | |
|---------|----------|
| Dimming | nCM ADCX |
|---------|----------|

nLight® Wired Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

| Model Number | |
|------------------------------|-----------------------------|
| Small motion 360°, ceiling | nCM 9 / nCM PDT 9 |
| Large motion 360°, ceiling | nCM 10 / nCM PDT 10 |
| Wide View | nWV 16 / nWV PDT 16 |
| Wall switch with raise/lower | nWSX LV DX / nWSX PDT LV DX |

Cat-5 Cables (plenum rated)

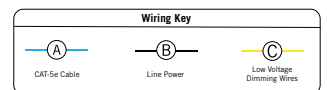
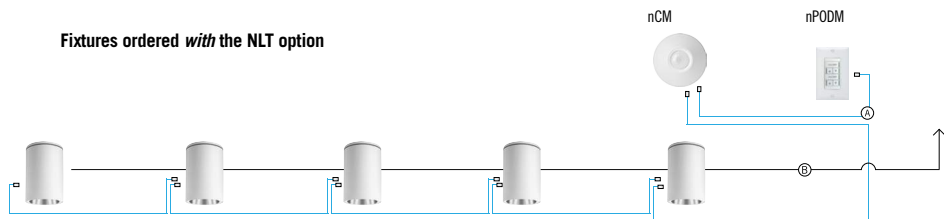
| | |
|-----------|--------------|
| 10', CAT5 | CAT5 10FT J1 |
| 15', CAT5 | CAT5 15FT J1 |

Possibilities for nLight® wired

Fixtures ordered *without* the NLT option



Fixtures ordered *with* the NLT option





WDGE1 LED

Architectural Wall Sconce



Catalog
Number

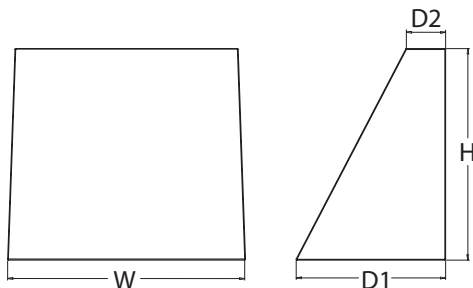
Notes

Type

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

Specifications

Depth (D1): 5.5"
Depth (D2): 1.5"
Height: 8"
Width: 9"
Weight: 9 lbs
 (without options)



Introduction

The WDGE1 LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

WDGE LED Family Overview

| Luminaire | Standard EM, 0°C | Cold EM, -20°C | Sensor | Lumens (4000K) | | | | | |
|-----------|------------------|----------------|---------------------|----------------|--------|--------|--------|--------|--------|
| | | | | P1 | P2 | P3 | P4 | P5 | P6 |
| WDGE1 LED | 4W | -- | -- | 1,200 | 2,000 | -- | -- | -- | -- |
| WDGE2 LED | 10W | 18W | Standalone / nLight | 1,200 | 2,000 | 3,000 | 4,500 | 6,000 | -- |
| WDGE3 LED | 15W | 18W | Standalone / nLight | 7,500 | 8,500 | 10,000 | 12,000 | -- | -- |
| WDGE4 LED | -- | -- | Standalone / nLight | 12,000 | 16,000 | 18,000 | 20,000 | 22,000 | 25,000 |

Ordering Information

EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

| Series | Package | Color Temperature | CRI | Distribution | Voltage | Mounting |
|-----------|---------|------------------------|-------|---------------------------------|------------------------|--|
| WDGE1 LED | P1 | 27K 2700K | 80CRI | VF Visual comfort forward throw | MVOLT 347 ² | Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁵ Shipped separately AWS 3/8inch Architectural wall spacer BBW Surface-mounted back box PBBW Premium surface-mounted back box (top, left, right conduit entry) |
| | P2 | 30K 3000K | 90CRI | VW Visual comfort wide | | |
| | | 35K 3500K | | | | |
| | | 40K 4000K | | | | |
| | | 50K ¹ 5000K | | | | |

| Options | Finish |
|---|----------------------------------|
| E4WH ³ Emergency battery backup, CEC compliant (4W, 0°C min) | DDBXD Dark bronze |
| PE ⁴ Photocell, Button Type | DBLXD Black |
| DS Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details) | DNAXD Natural aluminum |
| DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) | DWHXD White |
| BCE Bottom conduit entry for premium back box (PBBW). Total of 4 entry points. | DSSXD Sandstone |
| | DDBTXD Textured dark bronze |
| | DBLTXD Textured black |
| | DNATXD Textured natural aluminum |
| | DWHGXD Textured white |
| | DSSTXD Textured sandstone |

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U WDGE 3/8inch Architectural Wall Spacer (specify finish)
 WDGE1PBBW DDBXD U WDGE1 Premium surface-mounted back box (specify finish)
 WSBW DDBXD U Surface - mounted back box (specify finish)

NOTES

- 50K not available in 90CRI.
- 347V not available with E4WH, DS or PE.
- E4WH not available with PE or DS.
- PE not available with DS.
- Not qualified for DLC. Not available with E4WH.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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WDGE1 LED
 Rev. 04/15/20

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. Contact factory for performance data on any configurations not shown here.

| Performance Package | System Watts | Dist. Type | 27K (2700K, 80 CRI) | | | | | 30K (3000K, 80 CRI) | | | | | 35K (3500K, 80 CRI) | | | | | 40K (4000K, 80 CRI) | | | | | 50K (5000K, 80 CRI) | | | | |
|---------------------|--------------|------------|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|
| | | | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G |
| P1 | 10W | VF | 1,120 | 112 | 0 | 0 | 0 | 1,161 | 116 | 0 | 0 | 0 | 1,194 | 119 | 0 | 0 | 0 | 1,227 | 123 | 0 | 0 | 0 | 1,235 | 123 | 0 | 0 | 0 |
| | | VW | 1,122 | 112 | 0 | 0 | 0 | 1,163 | 116 | 0 | 0 | 0 | 1,196 | 120 | 0 | 0 | 0 | 1,229 | 123 | 0 | 0 | 0 | 1,237 | 124 | 0 | 0 | 0 |
| P2 | 15W | VF | 1,806 | 120 | 1 | 0 | 0 | 1,872 | 125 | 1 | 0 | 0 | 1,925 | 128 | 1 | 0 | 0 | 1,978 | 132 | 1 | 0 | 0 | 1,992 | 133 | 1 | 0 | 0 |
| | | VW | 1,809 | 120 | 1 | 0 | 0 | 1,876 | 125 | 1 | 0 | 0 | 1,929 | 128 | 1 | 0 | 0 | 1,982 | 132 | 1 | 0 | 0 | 1,996 | 133 | 1 | 0 | 0 |

Electrical Load

| Performance Package | System Watts | Current (A) | | | | |
|---------------------|--------------|-------------|-------|-------|-------|-------|
| | | 120V | 208V | 240V | 277V | 347V |
| P1 | 10W | 0.082 | 0.049 | 0.043 | 0.038 | -- |
| | 13W | -- | -- | -- | -- | 0.046 |
| P2 | 15W | 0.132 | 0.081 | 0.072 | 0.064 | -- |
| | 18W | -- | -- | -- | -- | 0.056 |

Lumen Multiplier for 90CRI

| CCT | Multiplier |
|-----|------------|
| 27K | 0.845 |
| 30K | 0.867 |
| 35K | 0.845 |
| 40K | 0.885 |
| 50K | 0.898 |

Lumen Output in Emergency Mode (4000K, 80 CRI)

| Option | Dist. Type | Lumens |
|--------|------------|--------|
| E4WH | VF | 646 |
| | VW | 647 |

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 | | Lumen Multiplier |
|---------|-------|------------------|
| 0°C | 32°F | 1.03 |
| 10°C | 50°F | 1.02 |
| 20°C | 68°F | 1.01 |
| 25°C | 77°F | 1.00 |
| 30°C | 86°F | 0.99 |
| 40°C | 104°F | 0.98 |

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted 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.

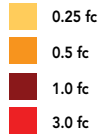
| Operating Hours | 0 | 25,000 | 50,000 | 100,000 |
|--------------------------|-----|--------|--------|---------|
| Lumen Maintenance Factor | 1.0 | >0.96 | >0.95 | >0.91 |



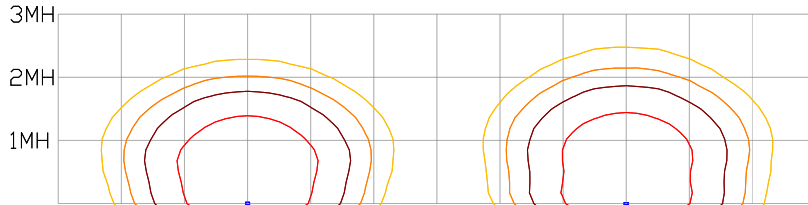
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage.
Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND



MH = 8ft
Grid = 8ft x 8ft



WDGE1 LED P2 40K 80CRI VW

WDGE1 LED P2 40K 80CRI VF

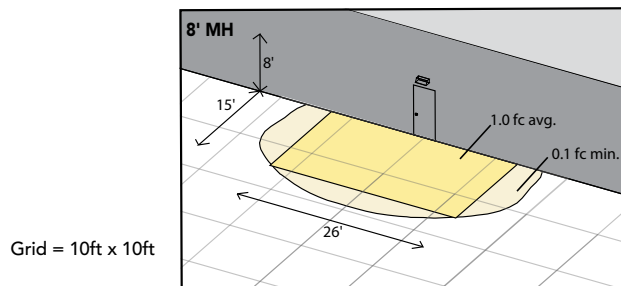
Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.

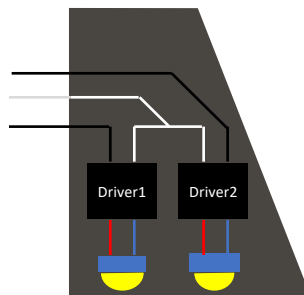


WDGE1 LED xx 40K 80CRI VF MVOLT E4WH

Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9





E4WH – 4W Emergency Battery Backup

D = 5.5"

H = 8"

W = 9"



PBBW – Premium Back Box

D = 1.75"

H = 8"

W = 9"



BBW – Standard Back Box

D = 1.5"

H = 4"

W = 5.5"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece 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 IP66 rating for the luminaire.

FINISH

Exterior painted 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 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

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE 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 consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

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A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

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CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°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. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

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.



WEDGE2 LED

Architectural Wall Sconce



Catalog
Number

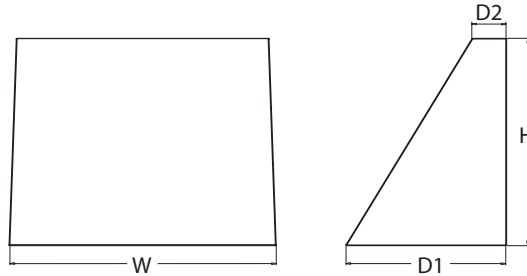
Notes

Type

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

Specifications

Depth (D1): 7"
Depth (D2): 1.5"
Height: 9"
Width: 11.5"
Weight: 13.5 lbs
 (without options)



Introduction

The WEDGE2 LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WEDGE family provides additional energy savings and code compliance.

WEDGE2 delivers up to 6,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WEDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

WEDGE LED Family Overview

| Luminaire | Standard EM, 0°C | Cold EM, -20°C | Sensor | Lumens (4000K) | | | | | |
|------------|------------------|----------------|---------------------|----------------|--------|--------|--------|--------|--------|
| | | | | P1 | P2 | P3 | P4 | P5 | P6 |
| WEDGE1 LED | 4W | -- | -- | 1,200 | 2,000 | -- | -- | -- | -- |
| WEDGE2 LED | 10W | 18W | Standalone / nLight | 1,200 | 2,000 | 3,000 | 4,500 | 6,000 | -- |
| WEDGE3 LED | 15W | 18W | Standalone / nLight | 7,500 | 8,500 | 10,000 | 12,000 | -- | -- |
| WEDGE4 LED | -- | -- | Standalone / nLight | 12,000 | 16,000 | 18,000 | 20,000 | 22,000 | 25,000 |

Ordering Information

EXAMPLE: WEDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

| Series | Package | | Color Temperature | | CRI | Distribution | | Voltage | Mounting | |
|------------|-----------------|--|-------------------|-------|-------|--------------|------------------------------|------------------|----------|---|
| WEDGE2 LED | P1 ¹ | P1SW | 27K | 2700K | 80CRI | VF | Visual comfort forward throw | MVOLT | SRM | Shipped included |
| | P2 ¹ | P2SW | 30K | 3000K | 90CRI | | | 347 ³ | | Shipped separately |
| | P3 ¹ | P3SW | 35K | 3500K | | VW | Visual comfort wide | 480 ³ | | |
| | P4 ¹ | Door with small window (SW) is required to accommodate sensors. See page 2 for more details. | 40K | 4000K | | | | | ICW | Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁷ |
| | P5 ¹ | | 50K ² | 5000K | | | | | | |

| Options | | | Finish | |
|------------------|---|---|---------------------------|------------------|
| E4WH | Emergency battery backup, CEC compliant (4W, 0°C min) | Standalone Sensors/Controls (only available with P1SW, P2SW & P3SW) PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching. PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation. PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation. Networked Sensors/Controls (only available with P1SW, P2SW & P3SW) NLTAIR2 PIR nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights. NLTAIR2 PIRH nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights. See page 4 for out of box functionality | DDBXD | Dark bronze |
| E10WH | Emergency battery backup, CEC compliant (10W, 5°C min) | | DBLXD | Black |
| E20WC | Emergency battery backup, CEC compliant (18W, -20°C min) | | DNAXD | Natural aluminum |
| PE ⁴ | Photocell, Button Type | | DWHXD | White |
| DS ⁵ | Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details) | | DSSXD | Sandstone |
| DMG ⁶ | 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) | DDBTXD | Textured dark bronze | |
| BCE | Bottom conduit entry for premium back box (PBBW). Total of 4 entry points. | DBLBXD | Textured black | |
| | | DNATXD | Textured natural aluminum | |
| | | DWHGXD | Textured white | |
| | | DSSTXD | Textured sandstone | |



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WEDGE2 LED
 Rev. 04/15/20

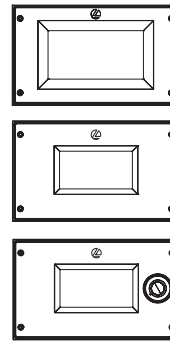
Accessories

Ordered and shipped separately.

| | |
|-------------------|---|
| WDGEAWS DDBXD U | WDGE 3/8inch Architectural Wall Spacer (specify finish) |
| WDGE2PBBW DDBXD U | WDGE2 Premium surface-mounted back box (specify finish) |
| WSBBW DDBXD U | Surface - mounted back box (specify finish) |

NOTES

- P1-P5 not available with sensors/controls. Sensors/controls only available with P1SW, P2SW and P3SW.
- 50K not available in 90CRI
- 347V and 480V not available with E4WH, E10WH, E20WC or DS.
- PE not available in 480V or with sensors/controls
- DS option not available with E4WH, E10WH, E20WC or sensors/controls.
- DMG option not available with sensors/controls
- Not qualified for DLC. Not available with emergency battery backup or sensors/controls



Default configuration with no sensors/controls.

Power Packages: P1, P2, P3, P4, P5

Small Window (SW) configuration

Power Packages: P1SW, P2SW, P3SW

Configuration with sensors/controls

Power Packages: P1SW, P2SW, P3SW

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. Contact factory for performance data on any configurations not shown here.

| Performance Package | System Watts | Dist. Type | 27K (2700K, 80 CRI) | | | | | 30K (3000K, 80 CRI) | | | | | 35K (3500K, 80 CRI) | | | | | 40K (4000K, 80 CRI) | | | | | 50K (5000K, 80 CRI) | | | | |
|---------------------|--------------|------------|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|
| | | | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G |
| P1 / P1SW | 10W | VF | 1,166 | 119 | 0 | 0 | 0 | 1,209 | 123 | 0 | 0 | 0 | 1,251 | 128 | 0 | 0 | 0 | 1,256 | 128 | 0 | 0 | 0 | 1,254 | 128 | 0 | 0 | 0 |
| | | VW | 1,197 | 122 | 0 | 0 | 0 | 1,241 | 126 | 0 | 0 | 0 | 1,284 | 131 | 0 | 0 | 0 | 1,289 | 131 | 0 | 0 | 0 | 1,286 | 131 | 0 | 0 | 0 |
| P2 / P2SW | 15W | VF | 1,878 | 129 | 1 | 0 | 0 | 1,947 | 134 | 1 | 0 | 0 | 2,015 | 139 | 1 | 0 | 0 | 2,023 | 139 | 1 | 0 | 0 | 2,019 | 139 | 1 | 0 | 0 |
| | | VW | 1,927 | 133 | 1 | 0 | 0 | 1,997 | 137 | 1 | 0 | 0 | 2,067 | 142 | 1 | 0 | 0 | 2,075 | 143 | 1 | 0 | 0 | 2,071 | 143 | 1 | 0 | 0 |
| P3 / P3SW | 23W | VF | 2,908 | 129 | 1 | 0 | 0 | 3,015 | 134 | 1 | 0 | 0 | 3,119 | 138 | 1 | 0 | 0 | 3,132 | 139 | 1 | 0 | 0 | 3,126 | 139 | 1 | 0 | 0 |
| | | VW | 2,983 | 132 | 1 | 0 | 0 | 3,093 | 137 | 1 | 0 | 0 | 3,200 | 142 | 1 | 0 | 0 | 3,213 | 143 | 1 | 0 | 0 | 3,206 | 142 | 1 | 0 | 0 |
| P4 | 35W | VF | 4,096 | 117 | 1 | 0 | 1 | 4,247 | 121 | 1 | 0 | 1 | 4,394 | 126 | 1 | 0 | 1 | 4,412 | 126 | 1 | 0 | 1 | 4,403 | 126 | 1 | 0 | 1 |
| | | VW | 4,202 | 120 | 1 | 0 | 0 | 4,357 | 125 | 1 | 0 | 1 | 4,508 | 129 | 1 | 0 | 1 | 4,526 | 129 | 1 | 0 | 1 | 4,517 | 129 | 1 | 0 | 1 |
| P5 | 48W | VF | 5,567 | 115 | 1 | 0 | 1 | 5,772 | 119 | 1 | 0 | 1 | 5,972 | 123 | 1 | 0 | 1 | 5,996 | 124 | 1 | 0 | 1 | 5,984 | 124 | 1 | 0 | 1 |
| | | VW | 5,711 | 118 | 1 | 0 | 1 | 5,921 | 122 | 1 | 0 | 1 | 6,127 | 126 | 1 | 0 | 1 | 6,151 | 127 | 1 | 0 | 1 | 6,139 | 127 | 1 | 0 | 1 |

Electrical Load

| Performance Package | System Watts | Current (A) | | | | | |
|---------------------|--------------|-------------|-------|-------|-------|-------|-------|
| | | 120V | 208V | 240V | 277V | 347V | 480V |
| P1 / P1SW | 10W | 0.082 | 0.049 | 0.043 | 0.038 | -- | -- |
| | 13W | -- | -- | -- | -- | 0.046 | 0.033 |
| P2 / P2SW | 15W | 0.132 | 0.081 | 0.072 | 0.064 | -- | -- |
| | 18W | -- | -- | -- | -- | 0.056 | 0.041 |
| P3 / P3SW | 23W | 0.195 | 0.114 | 0.100 | 0.088 | -- | -- |
| | 26W | -- | -- | -- | -- | 0.079 | 0.058 |
| P4 | 35W | 0.302 | 0.175 | 0.152 | 0.134 | -- | -- |
| | 38W | -- | -- | -- | -- | 0.115 | 0.086 |
| P5 | 48W | 0.434 | 0.241 | 0.211 | 0.184 | -- | -- |
| | 52W | -- | -- | -- | -- | 0.157 | 0.119 |

Lumen Multiplier for 90CRI

| CCT | Multiplier |
|-----|------------|
| 27K | 0.845 |
| 30K | 0.867 |
| 35K | 0.845 |
| 40K | 0.885 |
| 50K | 0.898 |

Lumen Output in Emergency Mode (4000K, 80 CRI)

| Option | Dist. Type | Lumens |
|--------|------------|--------|
| E4WH | VF | 646 |
| | VW | 647 |
| E10WH | VF | 1,658 |
| | VW | 1,701 |
| E20WC | VF | 2,840 |
| | VW | 2,913 |

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 | | Lumen Multiplier |
|---------|-------|------------------|
| 0°C | 32°F | 1.03 |
| 10°C | 50°F | 1.02 |
| 20°C | 68°F | 1.01 |
| 25°C | 77°F | 1.00 |
| 30°C | 86°F | 0.99 |
| 40°C | 104°F | 0.98 |

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted 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 | 25,000 | 50,000 | 100,000 |
|--------------------------|-----|--------|--------|---------|
| Lumen Maintenance Factor | 1.0 | >0.96 | >0.95 | >0.91 |



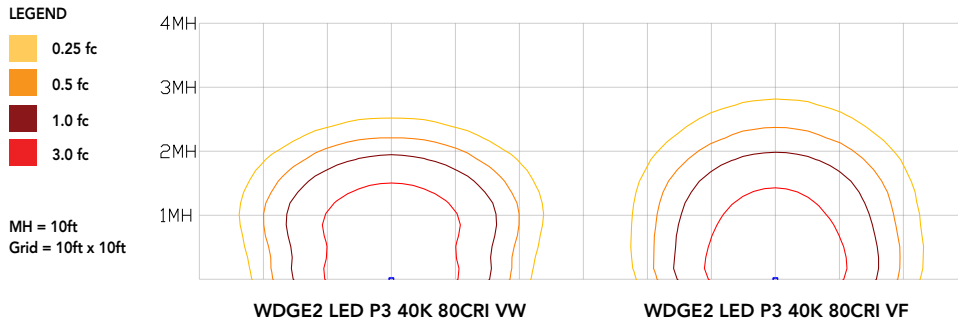
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WDGE2 LED
Rev. 04/15/20

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.



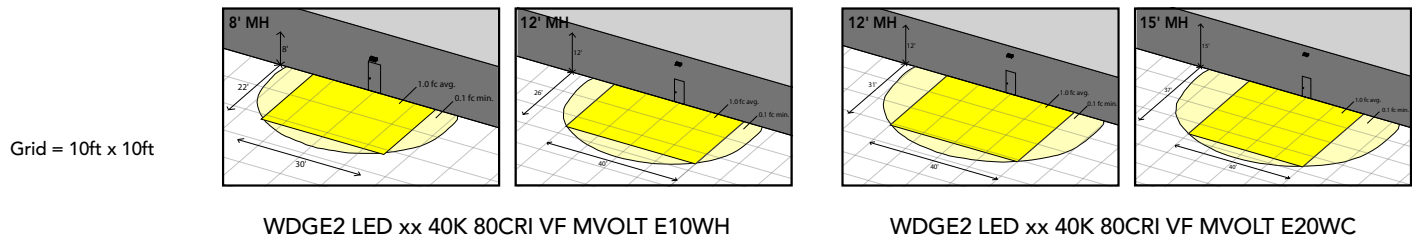
Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

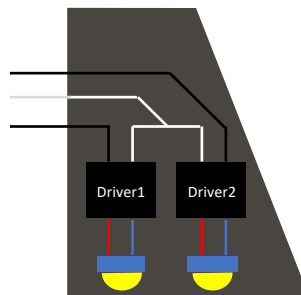
The examples below show illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E10WH or E20WC and VF distribution.



Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

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Motion/Ambient Sensor (PIR_, PIRH_)

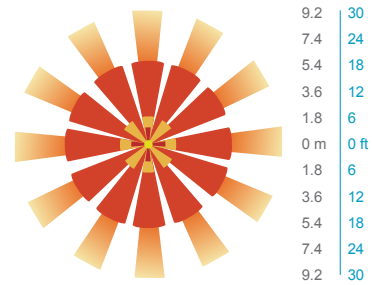
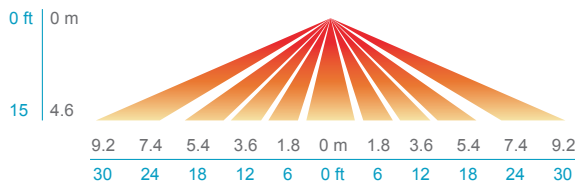
Motion/Ambient sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

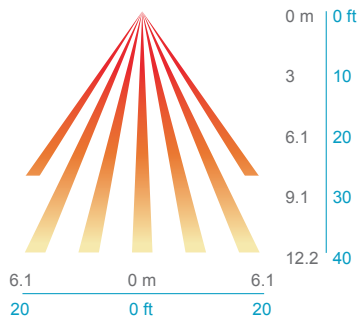
PIR

HIGH VIEW

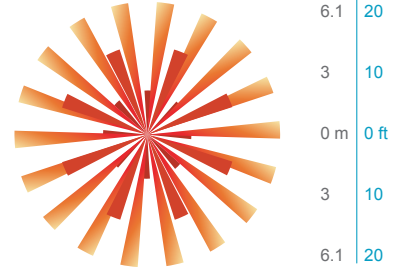


PIRH

SIDE VIEW



TOP VIEW



| Option | Dim Level | High Level (when triggered) | Photocell Operation | Motion Time Delay | Ramp-down Time | Ramp-up Time |
|--|---|-----------------------------|---------------------|-------------------|----------------|--------------------------------------|
| PIR or PIRH | Motion - 3V (37% of full output) Photocell - 0V (turned off) | 10V (100% output) | Enabled @ 5fc | 5 min | 5 min | Motion - 3 sec Photocell - 45 sec |
| PIR1FC3V, PIRH1FC3V | Motion - 3V (37% of full output) Photocell - 0V (turned off) | 10V (100% output) | Enabled @ 1fc | 5 min | 5 min | Motion - 3 sec Photocell - 45 sec |
| NLTAIR2 PIR, NLTAIR2 PIRH (out of box) | Motion - 3V (37% of full output) Photocell - 0V (turned off) | 10V (100% output) | Enabled @ 5fc | 7.5 min | 5 min | Motion - 3 sec Photocell - 45 sec |



**NLTAIR2 PIR – nLight AIR
Motion/Ambient Sensor**

D = 7"

H = 11"

W = 11.5"



PBBW – Premium Back Box

D = 1.75"

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