

Village of Bayside 9075 N Regent Road Architectural Review Committee Meeting July 31, 2023 Village Board Room 4:00pm

## ARCHITECTURAL REVIEW COMMITTEE AGENDA

PLEASE TAKE NOTICE that a meeting of the Bayside Architectural Review Committee will be held at the Village Hall of the Village of Bayside, 9075 N. Regent Road, Bayside, Wisconsin in addition to virtually. Public can access this meeting of the Architectural Review Committee by phone or by computer. The phone number is: +646 931 3860. The Zoom Meeting code is: 873 7191 9777 and the Passcode is: 947383. <a href="https://tinyurl.com/52tpxx4t">https://tinyurl.com/52tpxx4t</a> Persons desiring to speak in the remote format on a specific agenda item should register twenty-four hours in advance by calling (414) 206-3915. The following items of business will be discussed and possibly acted upon:

- I. CALL TO ORDER AND ROLL CALL
- II. APPROVAL OF MINUTES
  - A. Approval of July 17, 2023 meeting minutes.
- III. BUSINESS
  - A. 601 E Ellsworth Ln Fox Point- Bayside School District
    - a. Request for review under Wis. Stat. §§ 68.08 and 68.09 of June 19, 2023 Architectural Review Committee Decision.

#### IV. ADJOURNMENT

Emma Baumgartner Operations Assistant

Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. Contact Village Hall at 414-206-3915. It is possible that members of and possibly a quorum of members of other Boards, Commissions, or Committees of the Village may be in attendance in the above stated meeting to gather information; no action will be taken by any other Boards, Commissions, or Committees of the Village except by the Board, Commission, or Committee noticed above. Agendas and minutes are available on the Village website (www.baysidewi.gov).



Village of Bayside 9075 N Regent Road Architectural Review Committee Meeting July 17, 2023 Village Board Room,6:00pm

## ARCHITECTURAL REVIEW COMMITTEE

#### I. CALL TO ORDER AND ROLL CALL

Chairperson Krampf called the meeting to order at 6:00 pm.

#### II. ROLL CALL

Chair: John Krampf Members: Dan Zitzer

Marisa Roberts

Tony Aiello – excused

Ben Minkin

Kavin Tedamrongwanish

Trustee Liaison: Mike Barth

#### III. APPROVAL OF MINUTES

#### A. Approval of June 19, 2023, meeting minutes.

Motion by Trustee Barth, seconded by Committee Member Zitzer, to approve the June 19, 2023 meeting minutes. Motion carried unanimously.

#### IV. BUSINESS

#### A. 1219 E Hermitage Rd – Yoko Koami

Operations Assistant Baumgartner gave an update on the project that an extension was needed for unenclosed storage for the duration of the project, 7/2023 - 5/2024.

Motion by Trustee Barth, seconded by Committee Member Minkin, to approve the project as described and presented in the application. Motion carried unanimously.

#### B. 828 E Ellsworth Ln – Andrew Frank

Andrew Frank, homeowner, appeared on behalf of the project. There was 1 neighbor in attendance. Mr. Frank described the project as the construction of 350 lineal feet of 4-foot cedar picket curve top open design fence.

Neighbor at 810 E Ellsworth spoke in support of the fence.

Motion by Committee Member Tadamrongwanish, seconded by Trustee Barth, to approve the project as described and presented in the application contingent on the license agreement approval by the Board

of Trustees. Motion carried unanimously.

#### C. 214 E Brown Deer Rd – Igor Sorin

Igor Sorin, homeowner, appeared on behalf of the project. There was 1 neighbor in attendance. Mr. Sorin described the project as the construction of 320 lineal feet of 6-foot pressure treated open design fence and 23 lineal feet of 6-foot pressure treated closed fence design.

Neighbor at 320 E Brown Deer Rd spoke in support of the fence.

Motion by Trustee Barth, seconded by Committee Member Zitzer, to approve the project as described and presented in the application with 23-feet of solid fence on the west side of the house and up to 7-feet of solid fence on the east side of the house. Motion carried unanimously.

#### D. 8560 N Greenvale Rd – Jody Wire

Jody Wire & Kenneth Baginski, homeowners, and Matt Rozeski, contractor, appeared on behalf of the project. There were no neighbors in attendance. Ms. Wire described the project as the construction of 206 lineal feet of 5-foot aluminum open design fence and a 14-foot by 33-foot inground pool.

Motion by Trustee Barth, seconded by Committee Member Roberts, to approve the project as described and presented in the application. Motion carried unanimously.

#### E. 9227 N Tennyson Dr – Scott & Elizabeth Behrendt

Tony Enea, contractor, appeared on behalf of the project. There were no neighbors in attendance. Mr. Enea described the project as the construction of a screen porch addition, second floor deck railing replacement, and front porch colonnade replacement.

Motion by Trustee Barth, seconded by Committee Member Minkin, to approve the project as described and presented in the application. Motion carried unanimously.

#### F. 9040 N Lake Dr – Geri & Marvin Olson

Geri and Marvin Olson, homeowners, appeared on behalf of the project. There were no neighbors in attendance. Ms. Olson described the project as the construction of 80 lineal feet of 4-foot cedar picket open design fence.

Motion by Committee Member Zitzer, seconded by Committee Member Tedamrongwish, to approve the project as described and presented in the application. Motion carried unanimously.

#### V. ADJOURNMENT

Motion by Trustee Barth, seconded by Committee Member Roberts, to adjourn the meeting at 6:33pm. Motion carried unanimously.

Emma Baumgartner Operations Assistant



July 18, 2023

#### **VIA HAND DELIVERY**

John Krampf Village of Bayside Architectural Review Committee Chairman 9075 N. Regent Road Bayside, WI 53217

Re: Request for Review of Village of Bayside Architectural Review Committee Decision of June 19, 2023/Fox Point-Bayside School District

Dear Mr. Krampf:

Please accept this letter as the Fox Point-Bayside School District's request for review, pursuant to Wis. Stat. §§ 68.08-68.09, of the June 19, 2023 decision of the Village's Architectural Review Committee ("ARC") relating to the District's Bayside Middle School project (the "Project").

At the ARC's June 19 meeting, the ARC approved various elements of the Project, as set forth in a motion by Trustee Barth that passed 4-1 (the "Motion"). See Exhibit A (draft Minutes of the June 19, 2023 ARC meeting). The Motion included certain elements for the Project that were not included in the District's plans and requests for the Project. Those items are highlighted in Exhibit B. However, as explained in Part II below, by purporting to impose additional elements on the Project that were inconsistent with the District's plans for the Project, ARC (1) acted outside its jurisdiction, (2) violated the law, (3) acted in an arbitrary, oppressive, and unreasonable fashion that represented its will and not its judgment, and (4) ARC failed to reasonably make the appropriate determination based upon the evidence presented. The District requests modification of ARC's determination, as memorialized in the Motion, to the extent that the Motion departed from the plans and requests submitted by the District to ARC. The Project should proceed based on the District's plans and requests as submitted to ARC. See Exhibit C (District Submittals to ARC).

Contemporaneous with the filing of this request for review, the District is also filing an appeal of the ARC's decision to the Board of Zoning Appeals, pursuant to Wis. Stat. §§ 61.35 and 62.23(7)(e)4., and Village of Bayside Ordinance sec. 125-7. To be clear, the District believes that the appeal to the BZA is the proper course for seeking review and modification of ARC's determination. Due to ambiguity in the Village's Ordinances, however, the District is also filing

this request for review in the alternative.<sup>1</sup> The District requests that this request for review be stayed pending a determination by BZA as to its authority to review the ARC's decision. The District also intends to initiate legal proceedings against the Village in the near future relating to these matters, in order to ensure the District's rights are preserved.

#### I. Relevant Background

As you likely know, District voters approved a referendum for redevelopment of Bayside Middle School. The District has been working closely with the Village throughout the design process as a stakeholder and partner. During a March 13, 2023 meeting of the ARC, ARC passed a motion that approved the building, design, and location of the proposed building, and provided 60 days for the District and Village to come to an agreement on a "traffic/curb cut plan" and a "landscape/fencing plan," at which time the District would appear again before the ARC. *See* Exhibit D (March 13, 2023 ARC Minutes). The primary issue emanating from the March 13, 2023 ARC meeting related to the proposed bus lane off King Road and mitigating the impacts associated with the proposed bus lane.

Thereafter, the Village and District personnel continued to work together regarding the Project and the District subsequently submitted a new package to ARC that the District believed resolved all or nearly all outstanding items. *See* Exhibit C (Submission to ARC). Unfortunately, this appears not to have been the case, as during the June 19, 2023 ARC meeting, Village representatives made additional recommendations regarding the Project to which the District had not agreed. Subsequently, ARC passed the Motion approving a list of Project elements that departed from the District's submissions to ARC in several important respects:

- 1. The Motion included as an element "Offsite landscape plan on the west side of King Road."
- 2. The Motion included as an element "Offsite traffic management plan, installing Ellsworth Lane drop off/pick up lane from King Road to Bayside Middle School entrance, with striping delineating pick up lane, by July 15, 2024."
- 3. The Motion included as an element that "Gates shall be locked at all other times" with respect to the bus entrance outside the hours of Monday-Friday 8-8:30 am and 3-3:45 pm.

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<sup>&</sup>lt;sup>1</sup> The procedures in Chapter 68 allow for the review of "the grant or denial in whole or in part after application of an initial permit, license, right, privilege, or authority, except an alcohol beverage license." Wis. Stat. § 68.02(2). As indicated above, the Village believes that the ARC's action are subject to the review procedures in Wis. Stat. §§ 61.35 and 62.23(7)(e) and can be reviewed by BZA. In light of ambiguity in the Village's Ordinances, however, the District is also filing a request for review under Chapter 68 in the event that it is determined that ARC's actions are not subject to review under Wis. Stat. §§ 61.35 and 62.23(7)(e).

- 4. The Motion included as an element the "[i]nstallation of secured gate at bus entrance and delivery entrance/bus exit with automated, remote gate, subject to Village staff approval."
- 5. The Motion included as an element that "Gates shall be locked at all other times" outside of 9am-2pm with respect to a delivery entrance.
- 6. The Motion included as an element specific public right-of-way alterations and improvements.

It is these additional elements, which were neither included in the District's submissions to the ARC nor agreed to at the meeting, from which the District appeals. These elements are referred to as the Contested Elements below.

#### II. Bases for Appeal

Pursuant to Wis. Stat. § 68.08:

Any person aggrieved may have a written or oral determination reviewed by written request mailed or delivered to the municipal authority which made such determination within 30 days of notice to such person of such determination. The request for review shall state the ground or grounds upon which the person aggrieved contends that the decision should be modified or reversed. A request for review shall be made to the officer, employee, agent, agency, committee, board, commission or body who made the determination but failure to make such request to the proper party shall not preclude the person aggrieved from review unless such failure has caused prejudice to the municipal authority.

The District thus requests, pursuant to § 68.08, that the Village modify and/or remove the Contested Elements from ARC's Motion such that the Project can proceed without the need by the District to comply with the Contested Elements. The District requests modification of ARC's Motion such that it approves the elements of the Project as submitted by the District, and removes and/or modifies the Contested Elements, as set forth below.

## A. Contested Element No. 1: "Offsite landscape plan on the west side of King Road."

The District appeals from the ARC's inclusion as a Project element an "[o]ffsite landscape plan on the west side of King Road." The District never submitted an offsite landscape plan for the west side of King Road, which is not District property. The District has worked with the adjoining property owners, and will continue to do so, to mitigate any impacts of the bus lane. However, the Village ARC does not have authority to require the District to install landscaping on another's private property. As such, the District respectfully requests that this condition be eliminated as a condition of approval.

B. Contested Element No. 2: "Offsite traffic management plan, installing Ellsworth Lane drop off/pick up lane from King Road to Bayside Middle School entrance, with striping delineating pick up lane, by July 15, 2024."

Next, the District appeals from the ARC's inclusion as a Project element the installation of an Ellsworth Lane turn lane by July 15, 2024. As an initial matter, the District submits that ARC has no legal authority to require such an element. Village Ordinances do not grant ARC with authority over traffic management such that ARC can require a third party to engage in road construction for the Village. Although the District has been engaged in discussions with Village officials regarding traffic management and the potential implementation of traffic control measures, it is the District's position that nothing in Village Ordinance requires the District to implement such measures or allows ARC to impose such conditions on the District. As stated at the ARC meeting by the District's representative, the District has been cooperating with the Village and so it added the turn lane on the plan but conditioned that inclusion with a study to occur after the other traffic improvements were made to determine if the data demonstrated a need for the turn lane. The District agreed to reserve funds for the study and the construction. However, in the comments after the Motion was made, Trustee Barth made it clear that he wanted the turn lane added now. The Village Manager incorrectly told the ARC that it is at "the discretion of the ARC as to when or if the use lane were to go in, you know, so it is up to the body at this point." That is not a legally accurate statement, yet the ARC followed the Village Manager's recommendation that the turn lane "goes in as part of the project." ARC violated the law and acted outside its jurisdiction when it added this element to the Project.

Further, ARC's adoption of this Project element was arbitrary, capricious, irrational, and unsupported by the evidence. The lane at issue has been a subject of conversation between the District and Village officials for some time. A traffic analysis prepared by TADI & Associates, a well-respected traffic engineering firm, was presented to the ARC (and previously to the Village Manager and staff) demonstrating that the turn lane was not needed given that the proposed design already improved traffic by ten times from the current conditions, as stated by Mr. Schultz at the ARC meeting. When the turn lane was discussed with the Village Manager prior to the ARC meeting, the District proposed waiting six months after construction to complete additional analysis to determine whether the turn lane was needed at that point given the significant improvements in traffic that would result from the current design. If the additional study supported a need for the turn lane, the District agreed to install the turn lane at that time, and the District agreed to set aside the funds for the additional study and the cost of the turn lane construction at this time so the Village would be assured it would be constructed if needed. All of this information was reiterated at the ARC meeting. However, despite this scientific data from TADI & Associates, the ARC viewed photos taken of traffic observed during one drop-off at the school, and relied on a few observation days by Village staff. No actual data or scientific analysis was presented to the ARC to substantiate the Village Manager's and Trustee Barth's desire for a turn lane. No discussion was allowed when a representative from the District asked if the six-month study was acceptable, even after another member of the ARC asked if the six-month study was acceptable. Trustee Barth stated that the Motion requires the turn lane is required now for Project approval, or he would not approve any of the Project. Furthermore, there was no justification given for the July 15, 2024 deadline.

The District therefore requests modification of ARC's Motion to remove this element. The District remains willing to work with Village officials to complete additional analyses regarding the need for this turn lane in the future, as proposed by the District, but the requirement that the District construct the lane by July 15, 2024 must be removed.

## C. Contested Element Nos. 3-5: Installation of secured gates and locking requirements.

The District also appeals from the ARC's adoption as project elements the "[i]nstallation of secured gate at bus entrance and delivery entrance/bus exit with automated, remote gate, subject to Village staff approval" and the requirements that the District keep the bus gate locked outside the hours of Monday-Friday 8-8:30 am and 3-3:45 pm, and that the District mechanize and keep the delivery entrance gate locked outside of 9am-2pm. The ARC's imposition of these elements violates the law and exceeds ARC's authority and jurisdiction because no Village Ordinance contains requirements relating to the automation or locking mechanisms on security gates, or would allow ARC to dictate the hours when such gates must be locked. These are operational aspects, not aesthetic or architectural aspects, of the Project. When asked for clarification at the ARC meeting because the District had not proposed those items, Trustee Barth stated that he understood the locks were not proposed in the District's plan, "but the gates were proposed" and so by implication, ARC could require the automation and locks because the gates were proposed. Simply put, there is again no legal basis for the ARC to impose these requirements other than Trustee Barth wants them.

#### D. Contested Element No. 6: Public Right-of-Way Alterations and Improvements.

Finally, while not specifically set forth in ARC's Motion, the District also seeks review of the ARC's requirement that Standish Place be designated as a one-way street and the public right-of-way intersection alterations for buses, which are listed at the last highlighted item on Exhibit B. The District has no jurisdiction or authority over Standish Place or the public right-of-way intersection alterations. The District understands that these points may need to be reflected in a Maintenance Agreement or Development Agreement, but it is not within the ARC's purview to require these items as conditions for the District's architectural approval. As such, any condition that makes the District responsible for Standish Place's directional requirements, or other activity in Village right-of-way, is not appropriate.

#### III. Conclusion

The District believes it has been a good partner and has continually worked in good faith with Village officials regarding the Project. Unfortunately, it appears as though the ARC is operating under the mistaken belief that it can dictate the District's traffic control measures, security mechanisms, and other operational aspects of running a middle school. As a result, the ARC has imposed elements on this project that were not proposed or agreed to by the District, and exceed ARC's jurisdiction and, simply put, are irrational. The District therefore asks for modification of ARC's actions such that the Project can proceed as it was proposed by the District to ARC prior to the June 19, 2023 ARC meeting.

Finally, the District requests that the Village provide for an independent review of ARC's determinations by another person, committee, or agency that is not the ARC.<sup>2</sup> The District also requests that this review be stayed pending a determination as to District's appeal to BZA from the ARC's determinations.<sup>3</sup>

Please contact me if you have any questions.

Sincerely,

Andrew T. Phillips

cc: Andrew Pederson (via electronic mail)

Max Dickman (via electronic mail)

Jeff Dellutri (via electronic mail)

Kathleen Wiesner (via electronic mail)

Jordan Schulz (via electronic mail)

Christopher Jaekels (via electronic mail)

Rebecca Roeker (via electronic mail)

Matthew Thome (via electronic mail)

<sup>&</sup>lt;sup>2</sup> Wis. Stat. § 68.09(2) provides: "A review under this section may be made by the officer, employee, agent, agency, committee, board, commission or body who made the initial determination. However, an independent review of such initial determination by another person, committee or agency of the municipality may be provided by the municipality."

<sup>&</sup>lt;sup>3</sup> Wis. Stat. § 68.09(3) provides: "The municipal authority shall review the initial determination within 15 days of receipt of a request for review. The time for review may be extended by agreement with the person aggrieved."

# Exhibit A



Village of Bayside
9075 N Regent Road
Architectural Review Committee Meeting
July 17, 2023
Village Board Room 6:00pm

### ARCHITECTURAL REVIEW COMMITTEE AGENDA

PLEASE TAKE NOTICE that a meeting of the Bayside Architectural Review Committee will be held at the Village Hall of the Village of Bayside, 9075 N. Regent Road, Bayside, Wisconsin in addition to virtually. Public can access this meeting of the Architectural Review Committee by phone or by computer. The phone number is: +646 931 3860. The Zoom Meeting code is: 846 7114 2754 and the Passcode is:

963419. <a href="https://tinyurl.com/48c2kyye">https://tinyurl.com/48c2kyye</a> Persons desiring to speak in the remote format on a specific agenda item should register twenty-four hours in advance by calling (414) 206-3915. The following items of business will be discussed and possibly acted upon:

- I. CALL TO ORDER AND ROLL CALL
- II. APPROVAL OF MINUTES
  - A. Approval of June 19, 2023 meeting minutes.
- III. BUSINESS
  - A. 1219 E Hermitage Rd Yoko Koami The project requires unenclosed storage extensions granted for the duration of the project, 7/2023-5/2024.
  - B. 828 E Ellsworth Ln Andrew Frank The proposed project is the construction of 350 lineal feet of 4-foot cedar picket curve top open design fence.
  - C. 214 E Brown Deer Rd Igor Sorin The proposed project is the construction of 320 lineal feet of 6-foot pressure treated open design fence. 23 lineal feet of 6-foot pressure treated close design fence.
  - **D.** 8560 N Greenvale Rd Jody Wire The proposed project is the construction of 206 lineal feet of 5-foot aluminum open design fence and a 14-foot by 33-foot inground pool.
  - E. 9227 N Tennyson Dr Scott & Elizabeth Behrendt The proposed project is the construction of a screen porch addition, second floor deck railing replacement, and front porch colonnade replacement.
  - F. 9040 N Lake Dr Geri & Marvin Olson The proposed project is the construction of 80 lineal feet of 4-foot cedar picket open design fence.

#### IV. ADJOURNMENT

Emma Baumgartner Operations Assistant

Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. Contact Village Hall at 414-206-3915. It is possible that members of and possibly a quorum of members of other Boards, Commissions, or Committees of the Village may be in attendance in the above stated meeting to gather information; no action will be taken by any other Boards, Commissions, or Committees of the Village except by the Board, Commission, or Committee noticed above. Agendas and minutes are available on the Village website (<a href="https://www.baysidewi.gov">www.baysidewi.gov</a>).



Village of Bayside 9075 N Regent Road Architectural Review Committee Meeting June 19, 2023 Village Board Room,6:00pm

## ARCHITECTURAL REVIEW COMMITTEE

#### I. CALL TO ORDER AND ROLL CALL

Chairperson Krampf called the meeting to order at 6:00 pm.

#### II. ROLL CALL

Chair:

John Krampf

Members:

Dan Zitzer

Marisa Roberts

Tony Aiello

Ben Minkin

Trustee Liaison:

Mike Barth

Alternates:

Kavin Tedamrongwanish - excused

Also Present:

Village Manager Andy Pederson

Assistant to the Village Manager Leah Hofer Operations Superintendent Shane Albers Operations Assistant Emma Baumgartner

Police Chief Tom Liebenthal Village Attorney Chris Jaekels Village Engineer Mustafa Emir

There were 35 people in attendance.

#### III. APPROVAL OF MINUTES

#### A. Approval of June 5, 2023, meeting minutes.

Motion by Committee Member Roberts, seconded by Committee Member Aiello, to approve the June 5, 2023 meeting minutes. Motion carried unanimously.

#### IV. BUSINESS

#### A. 9240 N Tennyson Dr - Mark & Ann Berkoff

Manager Pederson gave an update on the project that an additional two feet was needed for the project due to architectural adjustments withr the garage.

Motion by Trustee Barth, seconded by Committee Member Aiello, to approve the project as described and presented in the application. Motion carried unanimously.

#### B. 9126 N Meadowlark Ln - Tom Roozen

Tom Roozen, homeowner, appeared on behalf of the project. There were 2 neighbors in attendance. Mr. Roozen described the project as the construction of 259 lineal feet of 6-foot high lattice fence.

Jamie Carlson, 1208 E Manor Cir, shared her support for the fence.

Michael Gielow, 9140 N Meadowlark Ln, shared his support for the fence.

Attorney Jackels stated the lattice fence design does comply with the Village code.

Motion by Trustee Barth, seconded by Committee Member Roberts, to approve the project as described and presented in the application. Motion carried unanimously.

#### C. 1061 W Jonathan Ln - Kenneth Convington

Kenneth Convington, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Convington described the project as the construction of a 10-foot by 10-foot dark brown aluminum gazebo with a dark brown steel roof.

Motion by Trustee Barth, seconded by Committee Member Zitzer, to approve the project as described and presented in the application. Motion carried unanimously.

#### D. 407 E Ravine Baye Rd – Lowell Davis

Lowell Davis, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Davis described the project as the addition of a 24-inch by 36-inch egress window.

Motion by Trustee Barth, seconded by Committee Member Roberts, to approve the project as described and presented in the application. Motion carried unanimously.

#### E. 8871 N Mohawk Rd - Tim Moll & Stephanie Heller

Tim Moll, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Moll described the project as the addition of a 48-inch by 48-inch egress window.

Motion by Trustee Barth, seconded by Committee Member Zitzer, to approve the project as described and presented in the application. Motion carried unanimously.

#### F. 8995 N Rexleigh Dr - Barry & Penny Goldman

Barry Goldman, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Goldman described the project as the elimination of an existing window on the backside of the home and enlarging an existing window by 7-inches on the backside of the home.

Motion by Trustee Barth, seconded by Committee Member Aiello, to approve the project as described and presented in the application. Motion carried unanimously.

#### G. 214 E Brown Deer Rd – Igor Sorin

Igor Sorin, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Sorin described the project as the construction of a 11.5 foot by 17.7 foot grey aluminum pergola.

Motion by Trustee Barth, seconded by Committee Member Aiello, to approve the project as described and presented in the application. Motion carried unanimously.

#### H. 9355 N Regent Rd – Paul Gondeck

Paul Gondeck, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Gondeck described the project as the construction of 70 lineal feet of 4-foot cedar post with black decorative metal wire fence, and 24 lineal feet of cedar privacy fence broken into three sections of 6-foot by 8-feet long.

Motion by Trustee Barth, seconded by Committee Member Aiello, to approve the project as described and presented in the application. Motion carried unanimously.

#### I. 1219 E Hermitage Rd – Yoko Koami

Yoko Koami, homeowner, and David Shevalt, contractor, appeared on behalf of the project. There was one neighbor in attendance. Ms. Koami described the project as the construction of a new 2,062 square foot single family two story home with an attached garage. Mr. Shevalt stated the new home's exterior will aesthetically fit with the existing homes in the neighborhood.

Maria and Paul Goudy, 1231 E Hermitage Rd, asked what type of roof it will be. Mr. Shevalt responded with pro dimensional shingles in the color driftwood.

Motion by Trustee Barth, seconded by Committee Member Zitzer, to approve the project as described and presented in the application. Motion carried unanimously.

#### J. 600 E Ellsworth Ln - Fox Point- Bayside School District

Jordan Schulz, project manager, appeared on behalf of the project. There were 15 neighbors in attendance. Mr. Schulz began with an overview on what had already been discussed and approved, and what is being presented tonight including the site plan approval and construction items. Mr. Schulz presented the stormwater management plan inclusive of green infrastructure and the impervious surface dimensions. Mr. Schulz presented the lighting plan and the light fixtures that will be used on school property. Mr. Schulz presented the fencing overview. There will be three fences, a 4- foot 450 total lineal picket fence, a 6-foot 395 total lineal solid cedar fence, and a 4-foot 944 total lineal feet black vinyl fence. Mr. Schulz presented the landscape plans including the updated fencing overview. Mr. Schulz presented the updated traffic plan. Mr. Schulz explained the onsite pick up lane, an additional turn lane on Ellsworth Lane, and a separated bus traffic lane on the opposite side of the property. Mr. Schulz presented additional traffic related features including street signage and gates. Mr. Schulz presented the construction items that will be on the property including dumpsters, material storage containers, job trailers, and temporary toilets.

Mr. Pederson presented the Village of Bayside presentation. Mr. Pederson provided an overview of the on-site and off site proposals. Mr. Pederson overviewed the landscape and aesthetics proposals, signage proposals, and safety site needs proposals.

Motion by Trustee Barth, seconded by Committee Member Roberts, to approve the project elements:

• Install 944 lineal feet of 4 foot black vinyl chain-link fence on the west and north sides of the property, installed at the property line, subject to Board of Zoning Appeals consideration; 450 lineal feet of 4 foot black aluminum Majestic fence on the west side of the property, installed at the property line; 186 lineal feet (west of Maitland pathway) and 209 lineal feet (east of Maitland

pathway) of 6 foot high cedar privacy fence on the south side of the property, 1 foot from the property line; subject to Board of Zoning Appeals consideration

- Onsite landscape plan as depicted,
- Offsite landscape plan on the west side of King Road
- Exterior lighting plan
- Dumpsters, storage containers, job trailers, and port-o-potty's for the duration of the project, subject to Board of Zoning Appeals consideration
- Temporary project signage during the duration of the project, subject to Board of Zoning Appeals consideration
- MMSD green infrastructure modifications in the Public Right-of-Way along King Road
- On-site traffic management plan,
- Offsite traffic management plan, installing Ellsworth Lane drop off/pick up lane from King Road to Bayside Middle School entrance, with striping delineating pick up lane, by July 15, 2024.
- Public right-of-way signage plan
  - Install right turn only sign 7:30-8:30am and 2-4pm at Ellsworth Lane exit.
  - Install no stopping, standing, parking signs on Standish Place west of Pelham Parkway, North Maitland Road, King Road northbound and southbound
  - Install one-way street sign/no entrance signage on Standish Place west of Pelham Parkway and Standish Place
  - Install exit sign at Middle School parking lot Standish exit indicating exiting straight to Ellsworth Lane or right on to Standish Place
  - Install sign on King Road northbound at bus entrance "bus traffic only buses permitted Monday through Friday 8 – 8:30 am and 3 – 3:45pm. Gates shall be locked at all other times.
  - Installation of secured gate at bus entrance and delivery entrance/bus exit with automated, remote gate, subject to Village staff approval.
  - Install sign southbound King Road at delivery entrance "delivery vehicle entrance only 9am-2pm". Gates shall be locked at all other times.
  - Install sign at bus lane exit "exit only, no left turn"
  - Install sign "bus traffic: no right turn, left turn only" at intersection of king road and Ellsworth lane
  - Install signs at entrance of Ellsworth Park parking lot "no thru traffic. Ellsworth Park parking only"
- Public right-of-way intersection alterations for buses at southwest corner of King Road and Ellsworth Lane, northeast corner of Brown Deer Road and Rexleigh Drive, northeast corner of Ellsworth Lane and Regent Road, King Road and Rexleigh Drive, 30-40 feet of 1 foot shoulder widening at northwest corner of Ellsworth Lane and King Road, subject to future agreement with School District.

Motion passed 4-1, with Committee Member Aiello opposing.

#### V. ADJOURNMENT

Motion by Trustee Barth, seconded by Committee Member Aiello, to adjourn the meeting at 7:37pm. Motion carried unanimously.

Emma Baumgartner Operations Assistant

## Exhibit B



Village of Bayside 9075 N Regent Road Architectural Review Committee Meeting July 17, 2023 Village Board Room 6:00pm

### ARCHITECTURAL REVIEW COMMITTEE AGENDA

PLEASE TAKE NOTICE that a meeting of the Bayside Architectural Review Committee will be held at the Village Hall of the Village of Bayside, 9075 N. Regent Road, Bayside, Wisconsin in addition to virtually. Public can access this meeting of the Architectural Review Committee by phone or by computer. The phone number is: +646 931 3860. The Zoom Meeting code is: 846 7114 2754 and the Passcode is:

963419. https://tinyurl.com/48c2kyye Persons desiring to speak in the remote format on a specific agenda item should register twenty-four hours in advance by calling (414) 206-3915. The following items of business will be discussed and possibly acted upon:

- I. CALL TO ORDER AND ROLL CALL
- II. APPROVAL OF MINUTES
  - A. Approval of June 19, 2023 meeting minutes.

#### III. BUSINESS

- A. 1219 E Hermitage Rd Yoko Koami The project requires unenclosed storage extensions granted for the duration of the project, 7/2023-5/2024.
- B. 828 E Ellsworth Ln Andrew Frank The proposed project is the construction of 350 lineal feet of 4-foot cedar picket curve top open design fence.
- C. 214 E Brown Deer Rd Igor Sorin The proposed project is the construction of 320 lineal feet of 6-foot pressure treated open design fence. 23 lineal feet of 6-foot pressure treated close design fence.
- D. 8560 N Greenvale Rd Jody Wire The proposed project is the construction of 206 lineal feet of 5-foot aluminum open design fence and a 14-foot by 33foot inground pool.
- E. 9227 N Tennyson Dr Scott & Elizabeth Behrendt The proposed project is the construction of a screen porch addition, second floor deck railing replacement, and front porch colonnade replacement.
- F. 9040 N Lake Dr Geri & Marvin Olson The proposed project is the construction of 80 lineal feet of 4-foot cedar picket open design fence.

#### IV. ADJOURNMENT

Emma Baumgartner Operations Assistant

Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. Contact Village Hall at 414-206-3915, It is possible that members of and possibly a quorum of members of other Boards, Commissions, or Committees of the Village may be in attendance in the above stated meeting to gather information; no action will be taken by any other Boards, Commissions, or Committees of the Village except by the Board, Commission, or Committee noticed above. Agendas and minutes are available on the Village website (<a href="https://www.baysidewi.gov">www.baysidewi.gov</a>).



Village of Bayside 9075 N Regent Road Architectural Review Committee Meeting June 19, 2023 Village Board Room,6:00pm

## ARCHITECTURAL REVIEW COMMITTEE

#### I. CALL TO ORDER AND ROLL CALL

Chairperson Krampf called the meeting to order at 6:00 pm.

#### II. ROLL CALL

Chair:

John Krampf

Members:

Dan Zitzer

Marisa Roberts

Tony Aiello Ben Minkin

Trustee Liaison:

Mike Barth

Alternates:

Kavin Tedamrongwanish - excused

Also Present:

Village Manager Andy Pederson

Assistant to the Village Manager Leah Hofer Operations Superintendent Shane Albers Operations Assistant Emma Baumgartner

Police Chief Tom Liebenthal Village Attorney Chris Jaekels Village Engineer Mustafa Emir

There were 35 people in attendance.

#### III. APPROVAL OF MINUTES

#### A. Approval of June 5, 2023, meeting minutes.

Motion by Committee Member Roberts, seconded by Committee Member Aiello, to approve the June 5, 2023 meeting minutes. Motion carried unanimously.

#### IV. BUSINESS

#### A. 9240 N Tennyson Dr - Mark & Ann Berkoff

Manager Pederson gave an update on the project that an additional two feet was needed for the project due to architectural adjustments with the garage.

Motion by Trustee Barth, seconded by Committee Member Aiello, to approve the project as described and presented in the application. Motion carried unanimously.

#### B. 9126 N Meadowlark Ln - Tom Roozen

Tom Roozen, homeowner, appeared on behalf of the project. There were 2 neighbors in attendance. Mr. Roozen described the project as the construction of 259 lineal feet of 6-foot high lattice fence.

Jamie Carlson, 1208 E Manor Cir, shared her support for the fence.

Michael Gielow, 9140 N Meadowlark Ln, shared his support for the fence.

Attorney Jackels stated the lattice fence design does comply with the Village code,

Motion by Trustee Barth, seconded by Committee Member Roberts, to approve the project as described and presented in the application. Motion carried unanimously.

#### C. 1061 W Jonathan Ln - Kenneth Convington

Kenneth Convington, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Convington described the project as the construction of a 10-foot by 10-foot dark brown aluminum gazebo with a dark brown steel roof.

Motion by Trustee Barth, seconded by Committee Member Zitzer, to approve the project as described and presented in the application. Motion carried unanimously.

#### D. 407 E Ravine Baye Rd - Lowell Davis

Lowell Davis, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Davis described the project as the addition of a 24-inch by 36-inch egress window.

Motion by Trustee Barth, seconded by Committee Member Roberts, to approve the project as described and presented in the application. Motion carried unanimously.

#### E. 8871 N Mohawk Rd - Tim Moll & Stephanie Heller

Tim Moll, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Moll described the project as the addition of a 48-inch by 48-inch egress window.

Motion by Trustee Barth, seconded by Committee Member Zitzer, to approve the project as described and presented in the application. Motion carried unanimously.

#### F. 8995 N Rexleigh Dr - Barry & Penny Goldman

Barry Goldman, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Goldman described the project as the elimination of an existing window on the backside of the home and enlarging an existing window by 7-inches on the backside of the home.

Motion by Trustee Barth, seconded by Committee Member Aiello, to approve the project as described and presented in the application. Motion carried unanimously.

#### G. 214 E Brown Deer Rd – Igor Sorin

Igor Sorin, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Sorin described the project as the construction of a 11.5 foot by 17.7 foot grey aluminum pergola.

Motion by Trustee Barth, seconded by Committee Member Aiello, to approve the project as described and presented in the application. Motion carried unanimously.

#### H. 9355 N Regent Rd - Paul Gondeck

Paul Gondeck, homeowner, appeared on behalf of the project. There were no neighbors in attendance. Mr. Gondeck described the project as the construction of 70 lineal feet of 4-foot cedar post with black decorative metal wire fence, and 24 lineal feet of cedar privacy fence broken into three sections of 6-foot by 8-feet long.

Motion by Trustee Barth, seconded by Committee Member Aiello, to approve the project as described and presented in the application. Motion carried unanimously.

#### I. 1219 E Hermitage Rd - Yoko Koami

Yoko Koami, homeowner, and David Shevalt, contractor, appeared on behalf of the project. There was one neighbor in attendance. Ms. Koami described the project as the construction of a new 2,062 square foot single family two story home with an attached garage. Mr. Shevalt stated the new home's exterior will aesthetically fit with the existing homes in the neighborhood.

Maria and Paul Goudy, 1231 E Hermitage Rd, asked what type of roof it will be. Mr. Shevalt responded with pro dimensional shingles in the color driftwood.

Motion by Trustee Barth, seconded by Committee Member Zitzer, to approve the project as described and presented in the application. Motion carried unanimously.

#### J. 600 E Ellsworth Ln – Fox Point- Bayside School District

Jordan Schulz, project manager, appeared on behalf of the project. There were 15 neighbors in attendance. Mr. Schulz began with an overview on what had already been discussed and approved, and what is being presented tonight including the site plan approval and construction items. Mr. Schulz presented the stormwater management plan inclusive of green infrastructure and the impervious surface dimensions. Mr. Schulz presented the lighting plan and the light fixtures that will be used on school property. Mr. Schulz presented the fencing overview. There will be three fences, a 4- foot 450 total lineal picket fence, a 6-foot 395 total lineal solid cedar fence, and a 4-foot 944 total lineal feet black vinyl fence. Mr. Schulz presented the landscape plans including the updated fencing overview. Mr. Schulz presented the updated traffic plan. Mr. Schulz explained the onsite pick up lane, an additional turn lane on Ellsworth Lane, and a separated bus traffic lane on the opposite side of the property. Mr. Schulz presented additional traffic related features including street signage and gates. Mr. Schulz presented the construction items that will be on the property including dumpsters, material storage containers, job trailers, and temporary toilets.

Mr. Pederson presented the Village of Bayside presentation. Mr. Pederson provided an overview of the on-site and off site proposals. Mr. Pederson overviewed the landscape and aesthetics proposals, signage proposals, and safety site needs proposals.

Motion by Trustee Barth, seconded by Committee Member Roberts, to approve the project elements:

• Install 944 lineal feet of 4 foot black vinyl chain-link fence on the west and north sides of the property, installed at the property line, subject to Board of Zoning Appeals consideration; 450 lineal feet of 4 foot black aluminum Majestic fence on the west side of the property, installed at the property line; 186 lineal feet (west of Maitland pathway) and 209 lineal feet (east of Maitland

pathway) of 6 foot high cedar privacy fence on the south side of the property, 1 foot from the property line; subject to Board of Zoning Appeals consideration

- Onsite landscape plan as depicted,
- Offsite landscape plan on the west side of King Road
- Exterior lighting plan
- Dumpsters, storage containers, job trailers, and port-o-potty's for the duration of the project, subject to Board of Zoning Appeals consideration
- Temporary project signage during the duration of the project, subject to Board of Zoning Appeals consideration
- MMSD green infrastructure modifications in the Public Right-of-Way along King Road
- On-site traffic management plan,
- Offsite traffic management plan, installing Ellsworth Lane drop off/pick up lane from King Road to Bayside Middle School entrance, with striping delineating pick up lane, by July 15, 2024.
- Public right-of-way signage plan
  - Install right turn only sign 7:30-8:30am and 2-4pm at Ellsworth Lane exit.
  - Install no stopping, standing, parking signs on Standish Place west of Pelham Parkway, North Maitland Road, King Road northbound and southbound
  - Install one-way street sign/no entrance signage on Standish Place west of Pelham Parkway and Standish Place
  - Install exit sign at Middle School parking lot Standish exit indicating exiting straight to Ellsworth Lane or right on to Standish Place
  - Install sign on King Road northbound at bus entrance "bus traffic only buses permitted Monday through Friday 8 8:30 am and 3 3:45pm. Gates shall be locked at all other times
  - Installation of secured gate at bus entrance and delivery entrance/bus exit with automated, remote gate, subject to Village staff approval.
  - Install sign southbound King Road at delivery entrance "delivery vehicle entrance only 9am-2pm". Gates shall be locked at all other times.
  - Install sign at bus lane exit "exit only, no left turn"
  - Install sign "bus traffic: no right turn, left turn only" at intersection of king road and Ellsworth lane
  - Install signs at entrance of Ellsworth Park parking lot "no thru traffic. Ellsworth Park parking only"
- Public right-of-way intersection alterations for buses at southwest corner of King Road and Ellsworth Lane, northeast corner of Brown Deer Road and Rexleigh Drive, northeast corner of Ellsworth Lane and Regent Road, King Road and Rexleigh Drive, 30-40 feet of 1 foot shoulder widening at northwest corner of Ellsworth Lane and King Road, subject to future agreement with School District.

Motion passed 4-1, with Committee Member Aiello opposing.

#### V. ADJOURNMENT

Motion by Trustee Barth, seconded by Committee Member Aiello, to adjourn the meeting at 7:37pm. Motion carried unanimously.

Emma Baumgartner
Operations Assistant



# Exhibit C



Fox Point- Bayside School District
7300 North Lombardy Road
Fox Point, WI 53217
Phone: (414) 247-4167

May 22, 2023

Dear Bayside Architectural Review Committee:

We are pleased to submit updated drawings and documents in support of the new Middle School project. This new and exciting building will be an outstanding asset to the students, staff and community for decades to come.

Since our last presentation to the ARC on March 13th, our team has been actively collaborating with village representatives to resolve outstanding items. We feel that this package being submitted for approval addresses previous open items

In summary, the modifications since our last presentation are as follows:

- 1. Privacy fencing along the south property line
- 2. Site access fencing along King and Ellsworth
- 3. Traffic signage around the site and extending into the surrounding neighborhood
- 4. Safety fencing along the bus drop off lane
- 5. Landscape screening along the bus lane
- 6. Added lane off of Ellsworth to accommodate more vehicular traffic
- 7. Added turn lane off Ellsworth to accommodate more vehicular traffic

We want to reiterate that the design professionals involved in this planning and design process are industry experts and by combining that experience and expertise with the feedback of the greater community, we have collectively arrived at a project we are confident will provide the best combination of attributes. Of note, the safety and security of our community's students is of high importance and we're glad to have arrived at a design that sets us up for success in this regard.

Alleviating traffic has also been a top priority for the community/district and the design accommodates for both auto and bus traffic; ensuring the safety of students as well as the minimizing of off-site traffic. In coordination with the Village, we've added an extra lane to the site entrance which will allow approximately 80 cars to queue on site. Additionally we've added a turn lane along Ellsworth to accommodate an additional 10 vehicles as we've heard from the Village that 90 total vehicles is the target. In adding the turn lane to the project we'd like to recognize to ARC that we may lose some existing trees in addition to spending the extra funds to install this lane. In this consideration, we request ARC to allow the lane to be installed after the '24/'25 school year, in order for traffic circulation with the new site layout to be observed/tracked before adding this feature. We look forward to discussing this further with you at your 06/05 meeting and hearing your feedback.

As noted, through this process of design and refinement through collaboration with the Village and neighbors, the project has become a safer, better one and we look forward to presenting to you next week.

Sincerely yours,

Jeff Dellutri

Superintendent of Schools

Fox Point-Bayside School District



#### 06/07/2023

Attention: Village of Bayside, WI Architecture Review Committee

PROJECT/SITE OWNER:	PROJECT SUMMARY:
Fox Point-Bayside School District PROJECT ADDRESS: 601 Ellsworth Ln	Three types of fences 544 lineal feet 4' black vinyl chain link 450 lineal feet 4' black aluminum Majestic style 186 lineal feet 6' cedar privacy

I have reviewed the proposed new fences for compliance with the Village's ordinances and have determined the following for consideration.

- 1. The 544 lineal feet of 4' high black vinyl chain link fence complies with the ordinance.
- 2. The 450 lineal feet of 4' high black aluminum Majestic style complies with the ordinance. The applicant has supplied a flyer with several types of fences on it. They forwarded a sheet that had called out the Majestic style.
- 3. 186 lineal feet of 6' high cedar privacy fence, is in violation of the ordinance Sec. 104-125 a (9). They will have to request a variance for this fencing, to proceed with installation.
- 4. The board always considers matching fences with neighboring fences.

#### VILLAGE CODE REVIEW

Supporting documentation or testimony must be provide at the meeting to verify code compliance with the above observations in red.

Dave Hendrix SAFEbuilt Wisconsin Operations Manager

Bayside ARC Review Page 1 of 1

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Amensia: reengineered the Echelon Plus ForeRunner rail to maximize strength. The innovative design of the ForeRunner rail contains an internally-secured rod that allows for variable pitch connection and high langle biasability and eliminates title need for external fasteness

#### Increased security

The ForeRunner rail, with an internal retaining rod, prevents the attachment from being compromised. Fasteners are not exposed.

#### Aesthetic details

The "Good Neighbor Design" rod follows the ForeRunner centerline, providing a clean and uninterrupted look void of visible screws or rivets



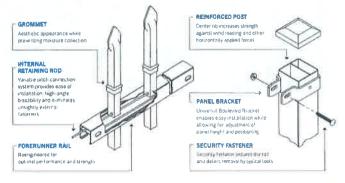


Echelon products a minimum biasability of 10%, shimmating any possible security maked due to large gaps under the fence panels









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NO RIVETS. NO SCREWS. NO WELDS.

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POSTS 2.5" SQ. x .060"

3', 31/3', 4', 41/3', 5', 6'

































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## Spectra® Chain Link



#### Spectra® Color Chain Link... Mode to perform.

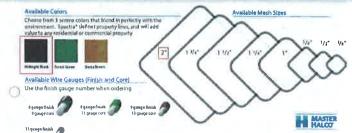


#### Our Spectra® Fencing System Premium quality frame and fabric is guaranteed for 15 years.



- Features and Benefits:

  Zinc coated steel framework is thoroughly cleaned during the pre-treatment process, then culto-coated with a 3 mill minimum polyestes layer for protection from corosion.
- Fittings are made of galvanized steel with a 3 mill minimum of polymer layer for protection from corrollon.



## Spectra® Color Chain Link Recommendations

FA	В	R	ıc
	ň	M	

Spectra® polyvinyl chloride extruded over zinc-coated steel core wire.

	Type 2 Residential
Fabric Gauge	9 gauge and 11 gauge finish
Fabric Mesh	1-1/4", 1-1/2", 1-3/4", and 2"
Fabric Height	3', 42", 4', 5', and 6'
Fabric Selvage	Knuckle - Knuckle (KK) for 5' and Under. Knuckle - Knuckle (KK) or Knuckle - Twist (KT) for 6'.

#### **Type 2 Commercial**

6 gauge, 8 gauge, and 9 gauge finish 6 gauge is not available for 3/8" mesh or 1/2" mesh 3/8", 1/2", 5/8", 1", 1-1/4", 1-1/2", 1-3/4", and 2" 3', 42", 4', 5', 6', 7', 8', 9', 10', and 12'

Knuckle - Knuckle (KK) for 5' and under; for mesh sizes 1" and smaller. Knuckle - Knuckle (KK) or Knuckle - Twist (KT) for 6' and over.

#### FRAMEWORK - TYPE

Spectra® polyester resin, 3 mils minimum, over galvanized steel ASTM F 1043, Group 1C, with a minimum yield strength of 50,000 PSI. Protective coating per ASTM 1043, external coating Type B, zinc with organic overcoat, 0.9 ounces per square foot minimum zinc coating with chromate conversion coating and verifiable polymer film.

Top Rall	1-3/8" O.D. Spectra" 17 Gauge or 16 Gauge

Line Posts	3-5/9" O.D. Spectro® 17 Gauge or 16 Gauge	Т

1-5/8" O.D. Spectra\* Deluxe Quality (DQ) or Spectra\* Full Weight Pipe

1-7/8" O.D. Spectra\* Deluxe Quality (DQ) or Spectra\* Full Weight Pipe 2-3/8" O.D. Spectra\* Deluxe Quality (DQ) or Spectra\* Full Weight Pipe

Terminal Posts	1-7/8" O.D. Spectra® 16 Gauge
	2-3/8" O.D. Spectra* 16 Gauge

2-3/8" O.D. Spectra® Deluxe Quality (DQ) or Spectra® Full Weight Pipe
2-7/8" O.D. Spectra® Deluxe Quality (DQ) or Spectra® Full Weight Pipe
4" O.D. Spectra® Deluxe Quality (DQ) or Spectra® Full Weight Pipe

#### Gates

Fabric	Same Gauge and Mesh as Chain Link Selected
Frame	Same as Top Rail Selected

#### **Fittings**

Tension and Brace Bands	Polymer Coating, 3 Mils Minimum, Over Hot-Dipped Galvanized Pressed Steel
Caps, Eye Tops, Rall Ends	Polymer Coating, 3 Mills Minimum, Over Hot-Dipped Galvanized Pressed Steel or Aluminum
Sleeves	Polymer Coating, 3 Mils Minimum, Over Hot-Dipped Galvanized Steel
Tle Wires	Polymer Coating, 3 Mils Minimum, Over Zinc-Coated Steal Wire

#### Slats Privacy

Material Composition	Polyethylene Thermoplastic
Colors	Green, Black, Brown, Gray, Redwood, Blue, Desert Sand



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## **WESTERN RED CEDAR**

Western Red Cedar's botanical name is Thuja plicata. Fence pickets, rails, and posts are one of the most decay-resistant Native American wood types with high durability when exposed to weather. Western Red Cedar is grown and harvested from sustainably managed North American forests. Western Red Cedar can be left natural, painted, or stained. Pre-Stained Western Red Cedar is available with a water-based stain that can be matched to your outdoor living environment.

Lengths: 4', 5', 6', 8'

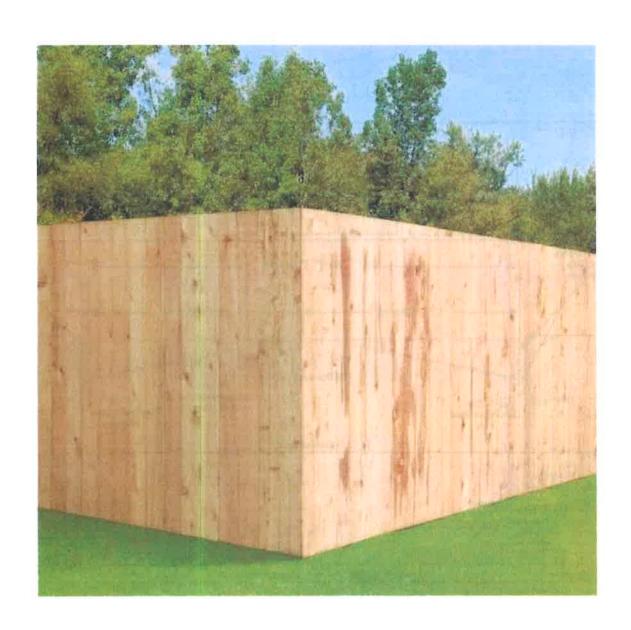
Widths: Nominal: 4" 6" 8"

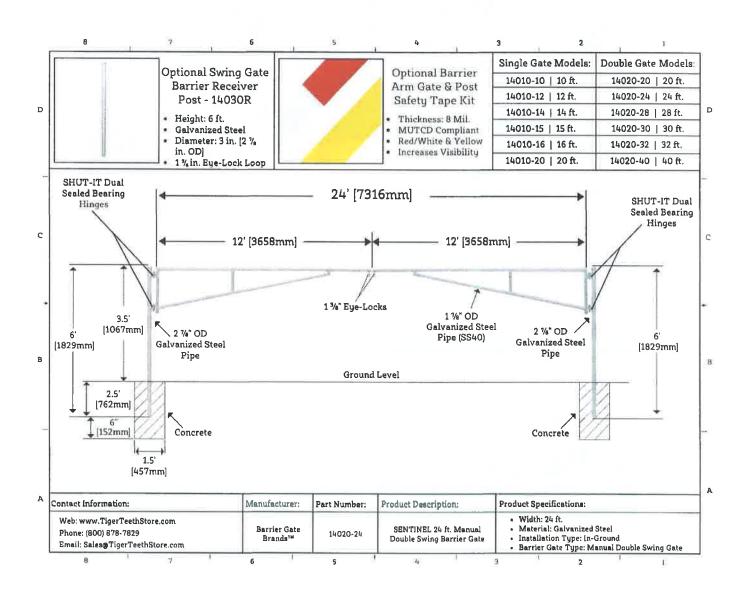
Actual: 3 1/2" 5 1/2" 7 1/2"

Thickness: Nominal: 1" 1" Actual: 5/8" 3/4"

**Grading:** Fencing is appearance-graded and categorized by knot size/type and defect, which impacts the visual appeal and performance as a fence board. Boards are graded for 2-face appearance or 1-face appearance.

Availability for Western Red Cedar fencing is the United States and Canada. Typical Fences styles include Solid Board Vertical, Solid Board Horizontal, Board-on-Board, and Alternating Panel. Versatile and easy to work with, you can construct and install any fence style for your project. Longevity can be increased by installing the WRC boards and rails on a PostMaster Plus steel post for wood fence systems. Natural wood texture and colors range from rich amber to cinnamon brown and if left natural, it will age to a silvery grey.





# BAYSIDE MIDDLE SCHOOL OVERVIEW

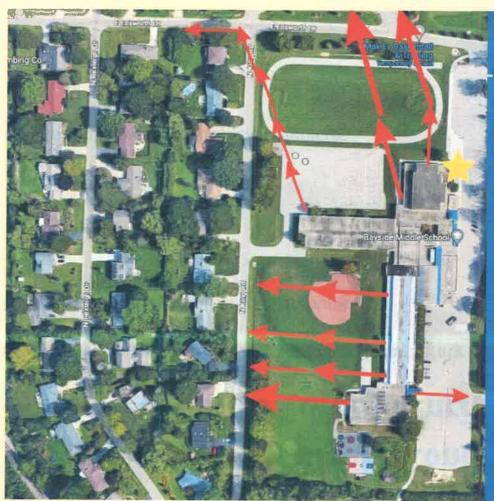
# Traffic Management Factors and Concepts Examined Current and Proposed

- Pedestrian Safety
- Vehicle Safety
- Separation of Bus and Parent Pickup
- Neighboring property impacts
- On site traffic flow
- Off site traffic flow and impacts
- Infrastructure and ROW impacts
- Current/future bus count
- Current volume of parent pickup vehicles
  - o 6 observation dates,
    - all over 60 vehicles
    - Four over 70 vehicles
    - Two over 80 vehicles
- Impervious surface
- Stormwater management
- Other mitigating/limiting factors

# Current Conditions (Prior to Safety Fencing Installation)

- Significant concern for Pedestrian and Vehicular Safety
- Multiple building exit points/ pickup points
  - Maitland
  - King
  - Ellsworth
  - o Standish
  - School Protocol: Parking Lot
- Current volume of parent pickup vehicles
  - o 6 pick up observations
    - all over 60 vehicles
    - Four over 70 vehicles
    - Two over 80 vehicles
- Current conditions are extermely unsafe

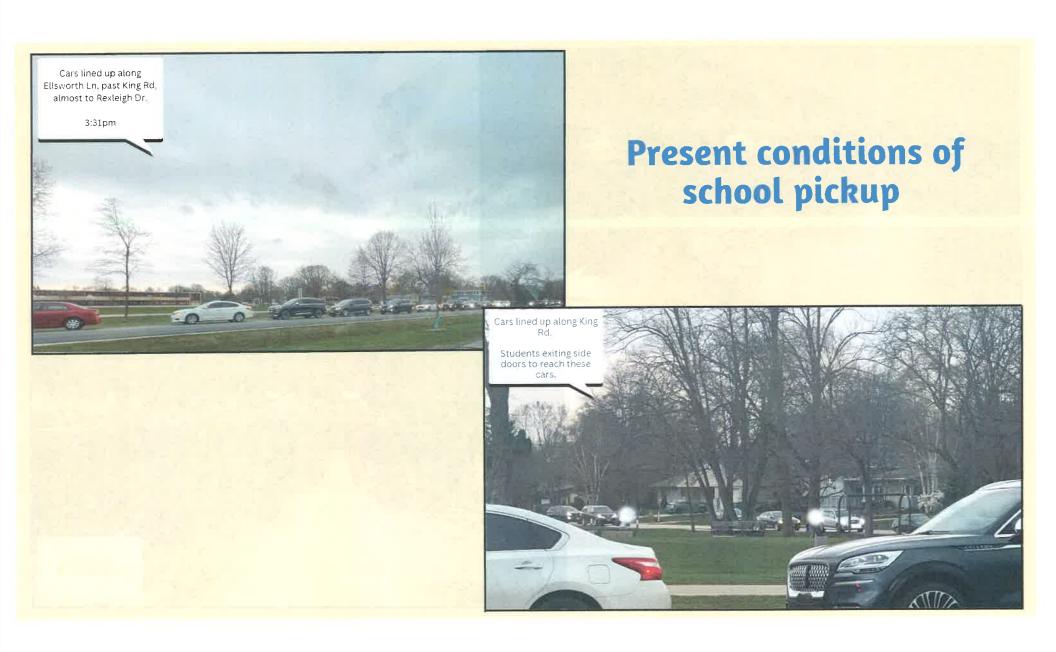
#### **School Pickup Observation**



#### Observations on Wednesday, April 19, 2023

Conditions: Rain

- . Roughly 80 cars present for pick up
- Cars lined on Ellsworth Lane, King Road, and Ellsworth Park parking lot. Unable to observe Maitland.
- · Ellsworth Park parking lot used as a pick-up site.
- · Children walking between cars to cross streets.
- Cars driving on the wrong side of the street due to cars parking on the road.
- Cars driving at each other in wrong lanes of traffic.
- · Cars driving in the shoulder/ditch.
- Numerous students exiting side doors/not the main exit.
- Cars making U-turns in the middle of streets and obstructing traffic.
- Children walk to cars rather than cars driving to children.

















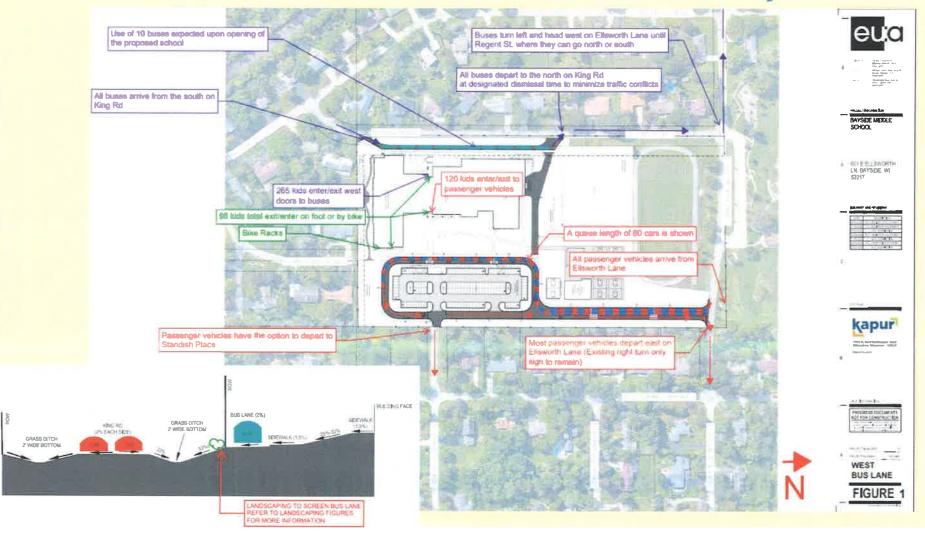




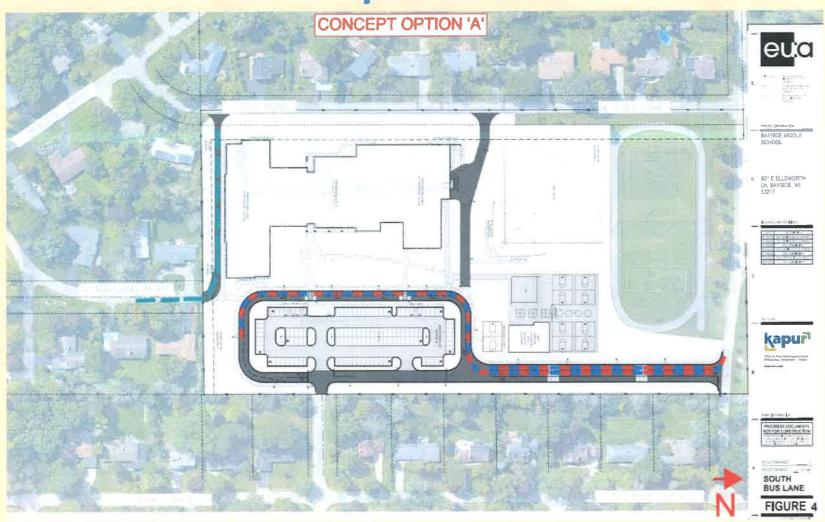
#### Traffic Management Concepts Examined

- Eight drawn concepts have been examined
- Countless undrawn/brainstorming concepts have been discussed.

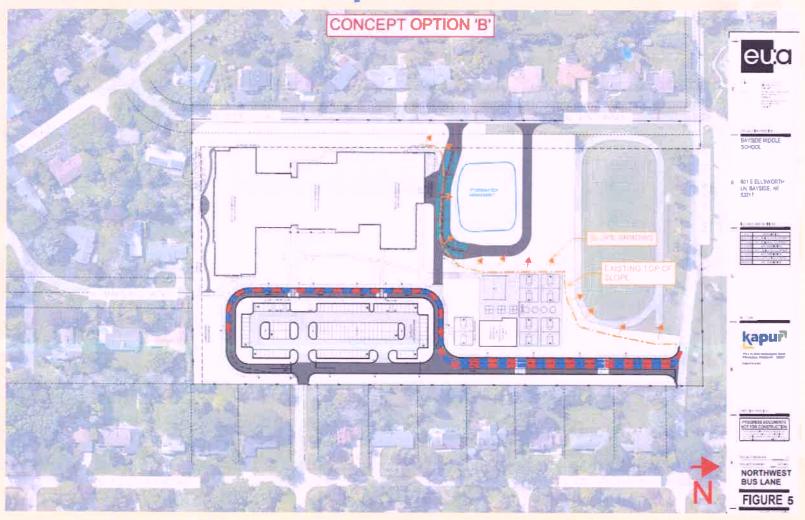
## **School District Recommended Concept**



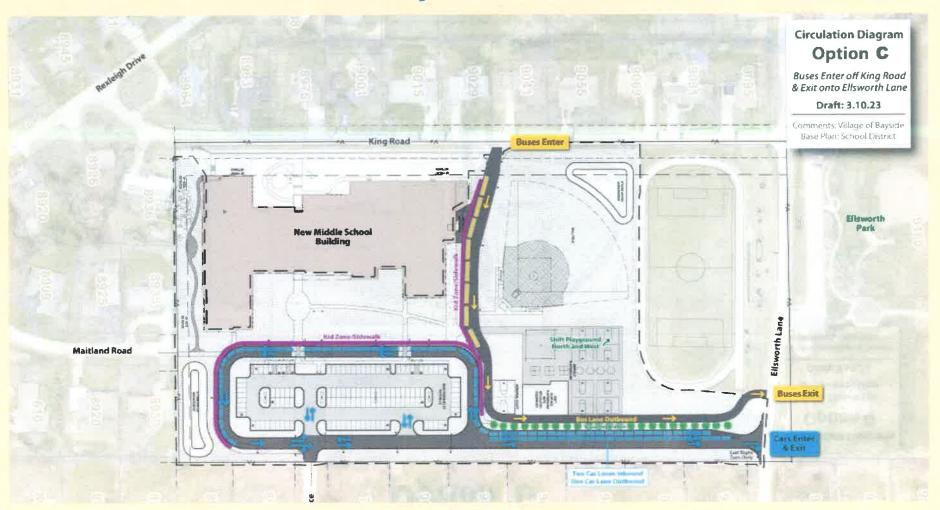
## Option 'A'



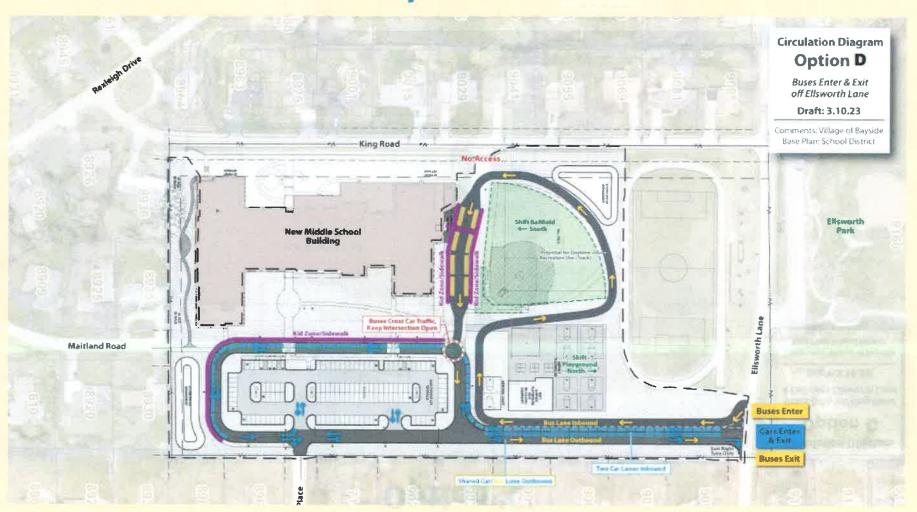
## Option 'B'



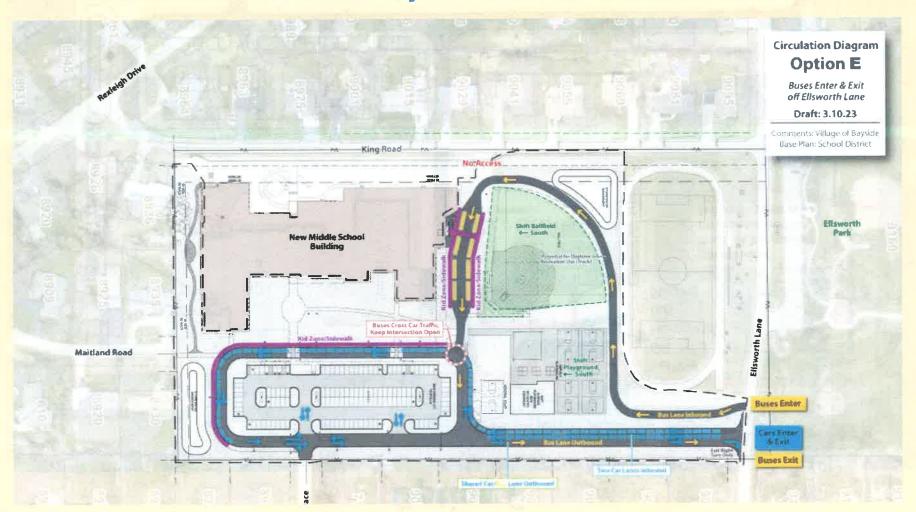
## Option 'C'



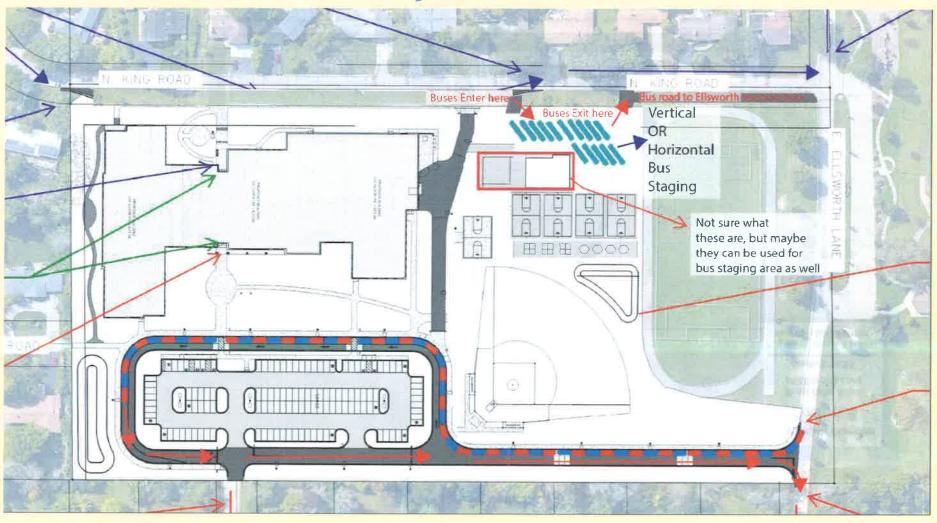
#### Option 'D'



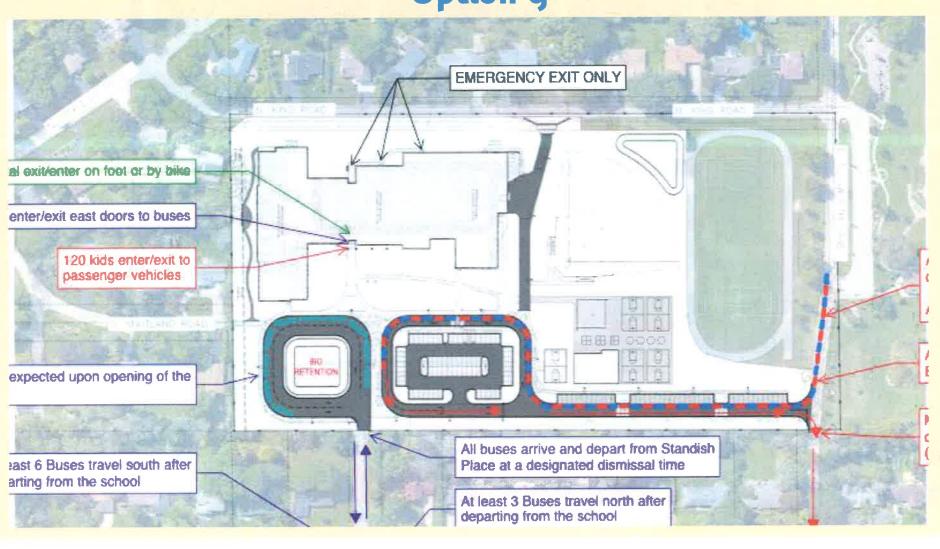
## Option 'E'

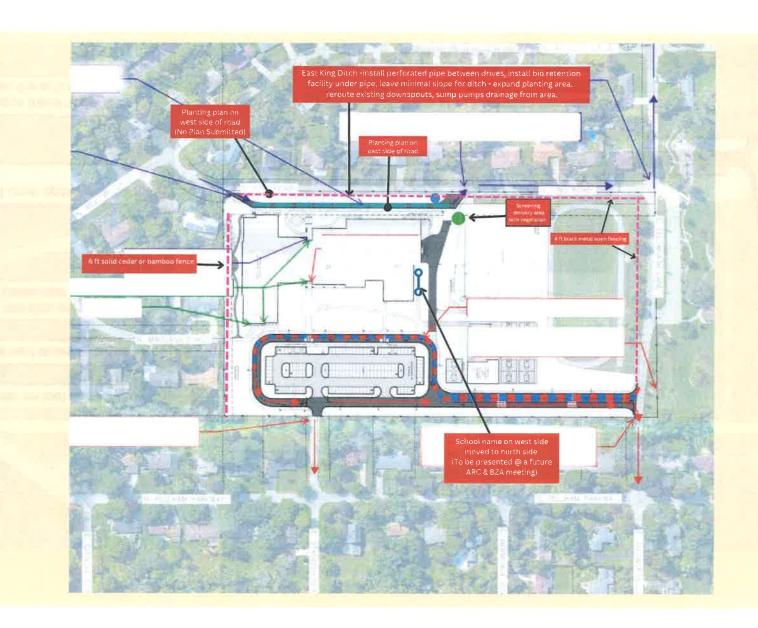


#### **Option F**

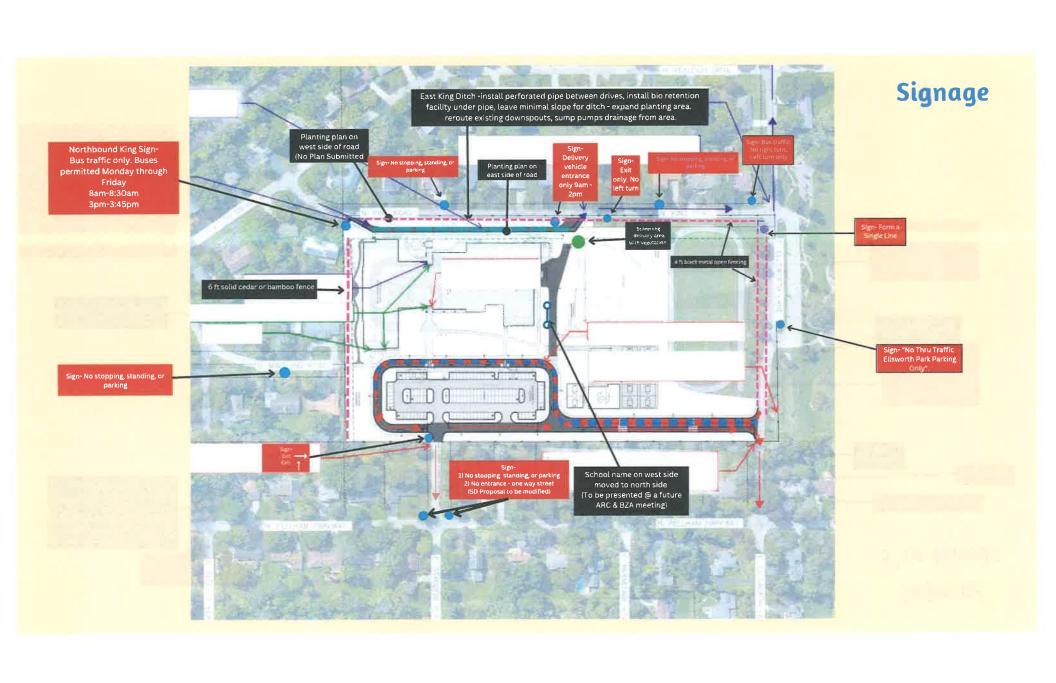


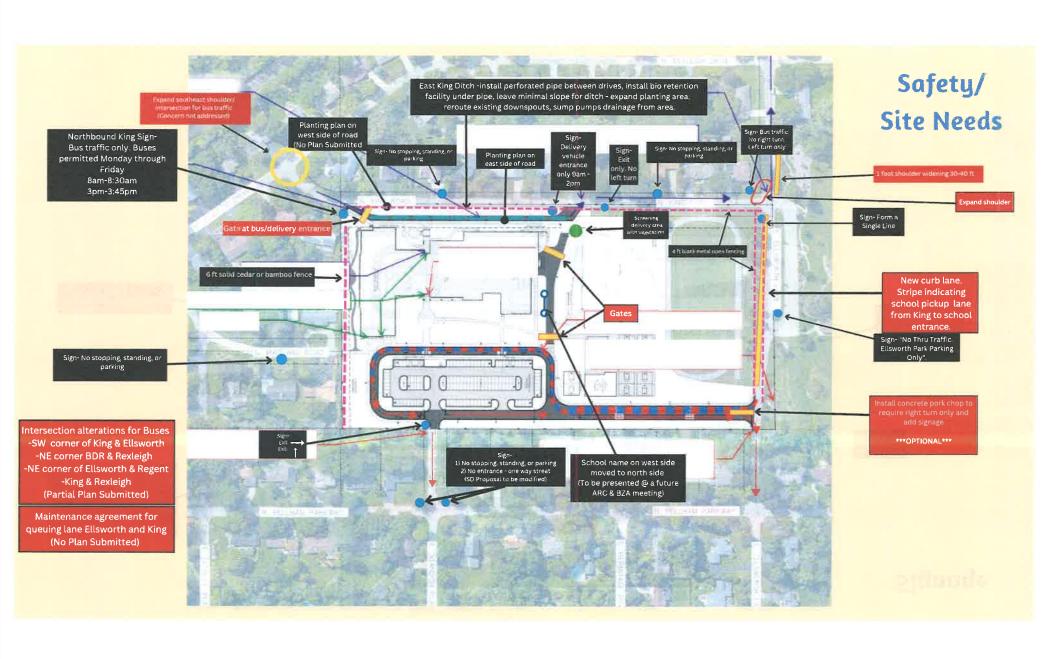
#### Option G

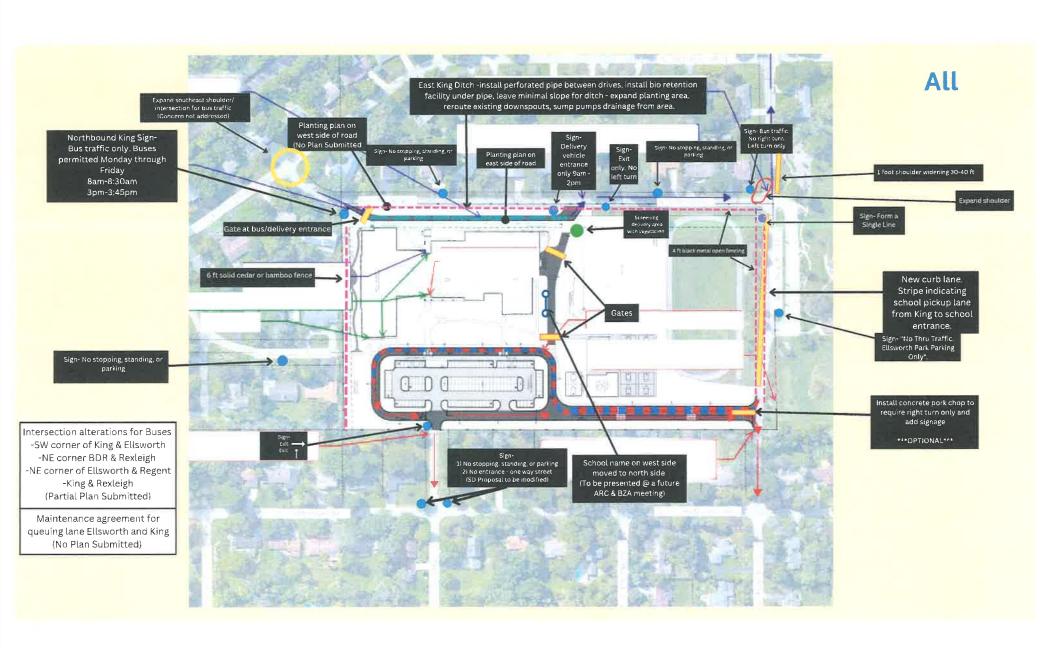




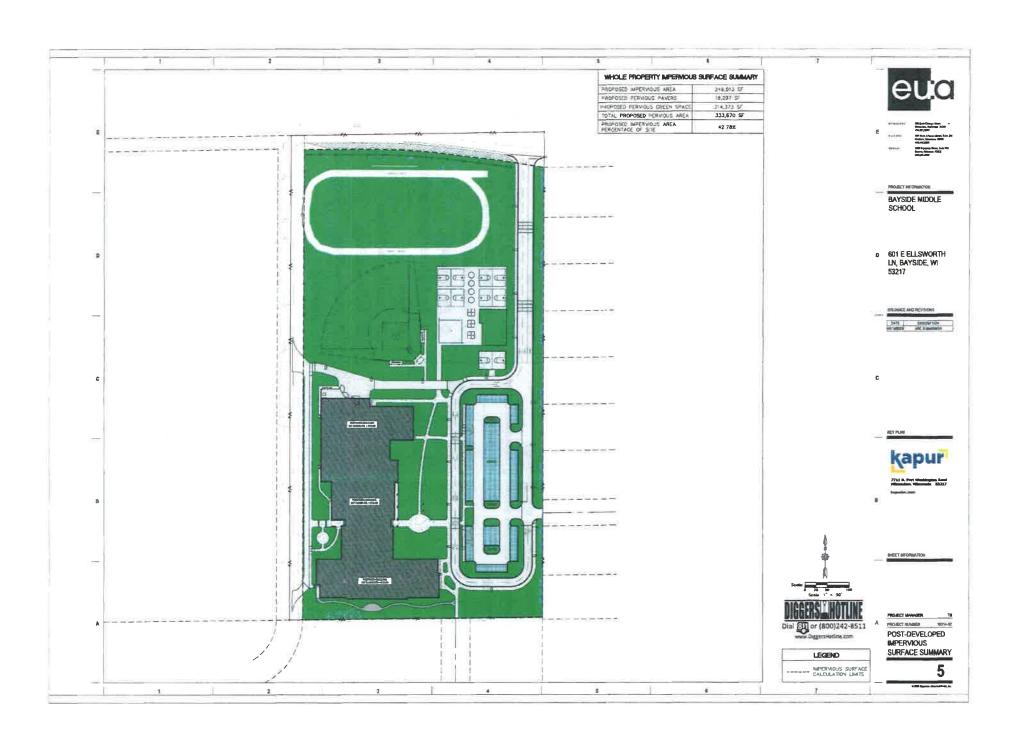
#### Landscape/ Aesthetics



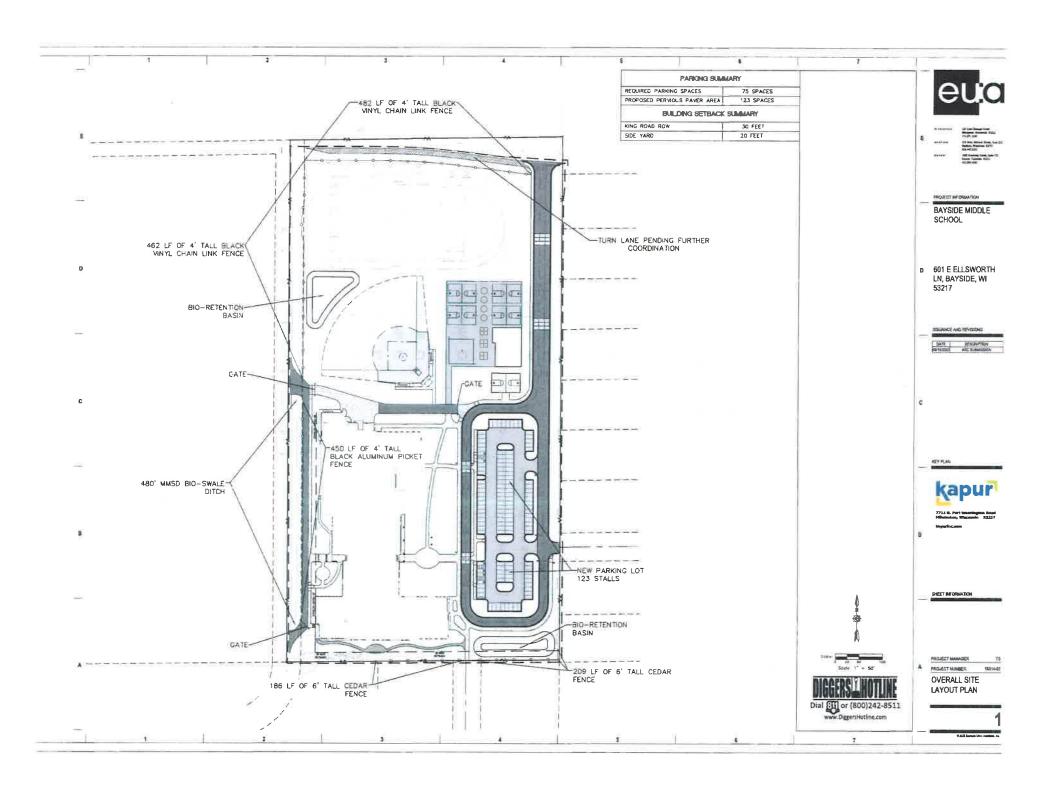


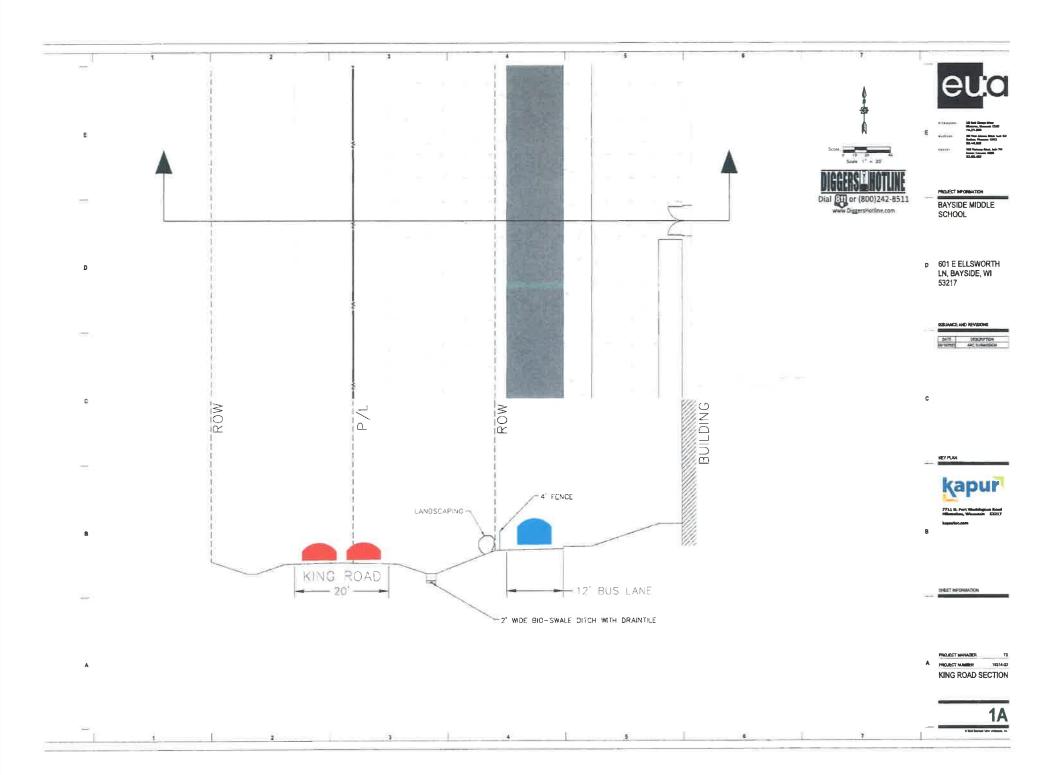


			Date 06/01/2023		
	Property Address 601 Ellsworth				
	Zoning District "C" Residence				
			tails (type of work, size, materials, location impervious surface information and calcula		
	図	ARC Age	nda Date: 06/19/2023	0	Accessory Structures/Generators
	M	•	mber: 0219983000		Additions/Remodel
			tographs showing project location,	0	Commercial Signage
		Ė	, and surround views.	0	Decks/Patios
			digital set of building plans		Fence
		•	elevations and grading).		Fire Pits
	☐ Samples or brochures showing materials, colors,			Landscaping requiring Impervious	
	and designs.			Surface/Fill/Excavation Permit	
	☐ Survey or Milwaukee County Land Information			New Construction	
	Officer Aerial			Play Structures	
					Recreational Facilities/Courts
PE	RMI N	TS: Payment			Roofs
Ö	Ö		Building		Solar Panels/Skylights
			Electrical		Swimming Pools
			Plumbing		Windows/Doors - change exceeds 25% of
			HVAC		opening
			Fill	×	Other
			Impervious Surface	Pa	ackage 06 - Impervious Surface Permit
			Dumpster		
			ROW/Excavation		
			Conditional Use		
			Occupancy		
			Special Exception/Variance		
			ARC		



			Date 06/01/2023		
Property Address 601 Ellsworth				Lane	
			Zoning District "C" Residence		
-		-	tails (type of work, size, materials, locat		
					Privacy fencing along the south property line, Site and extending into the surrounding neighborhood, Safety
fencin	ig alo	ng the bus o	drop off lane, Landscape screening along t	he bus la	ine, Added lane off of Ellsworth to accommodate more
vehic	ular tr	affic, Added	turn lane off Ellsworth to accommodate m	ore vehic	cular traffic.
			nda Date: 06/19/2023		Accessory Structures/Generators
	•		nber: 0219983000		Additions/Remodel
		Color phot	ographs showing project location,		Commercial Signage
		elevations	, and surround views.		Decks/Patios
		,	digital set of building plans		Fence
		(including	elevations and grading).		Fire Pits
	Samples or brochures showing materials, colors,			Landscaping requiring Impervious	
	and designs.			Surface/Fill/Excavation Permit	
	☐ Survey or Milwaukee County Land Information			New Construction	
		Officer Aer	ial		Play Structures
PE	RMIT	·S·			Recreational Facilities/Courts
Y		Payment			Roofs
			Building		Solar Panels/Skylights
			Electrical		Swimming Pools
			Plumbing		Windows/Doors – change exceeds 25% of
			HVAC		opening
			Fill		Other
			Impervious Surface	Pa	ackage 01 - Site Plan
			Dumpster		
0			ROW/Excavation		
	0		Conditional Use		
			Occupancy		
			Special Exception/Variance		
		0	ARC		





			Date 5/22/23			
	601 E Ellswo Property Address 53217				Bayside, WI	
	Zoning District					
		l Drainat F	Details (hung of work pigs materials locati	ion sta	۸.	
		-	Details (type of work, size, materials, locati on way finding and safety signage ranging from 3'			
8'x8	' pro	ject sign. R	endering attached	X4 (O 11	ATT . Flastic weather resistant construction	
Dur	auon	- 18 month	IS .			
			genda Date:		Accessory Structures/Generators	
		Parcel N			Additions/Remodel	
Ĭ		· ·	otographs showing project location,		Commercial Signage	
		elevatio	ns, and surround views.		Decks/Patios	
			te digital set of building plans		Fence	
	(including elevations and grading).			Fire Pits		
	Samples or brochures showing materials, colors,			Landscaping requiring Impervious		
	and designs.			Surface/Fill/Excavation Permit		
	<ul> <li>Survey or Milwaukee County Land Information</li> </ul>			New Construction		
		Officer A	erial		Play Structures	
DE	DRAI:	TC.			Recreational Facilities/Courts	
Y	RMI N	Payment			Roofs	
			Building		Solar Panels/Skylights	
			Electrical		Swimming Pools	
			Plumbing		Windows/Doors – change exceeds 25% of	
			HVAC		opening	
			Fill	図	Other	
			Impervious Surface			
			Dumpster			
			ROW/Excavation			
			Conditional Use			
			Occupancy			
			Special Exception/Variance			
			ARC			



#### **TEMPORARY SIGN PERMIT**

Applicant Name Shawn Hinke					
Name of Business Miron Construction Co., Inc.					
Address 601 E Ellsworth Lane , Bayside, WI 5321					
Applicant phone number(s) (414) 840-9162					
Applicant email address shawn.hinke@miron-construction.com					
Dates of posting from May 15th, 2023 through November 29th, 2024					
Location of sign_Signs will mainly be along King Road_					
Reason for sign Job site safety, separation between construction/school activities, community information					
Sign Description Standard construction way finding and safety signage, sign showing final rendering					
# of Signs 24 Size along fence Total Square Feet Approx 100					
Material(s) Plastic					
How will it be displayed (in-ground, attached to building, etc.) Signage will be secured to site					
perimeter fencing when possible, and will be secured in-ground otherwise.					
If sign will not be on applicant's property, is a letter of permission attached?  Yes_XNo					
Will sign be placed in the right-of-way? (not permitted)  Yes_XNo					
Is a photograph or drawing of the sign attached? Yes $X$ No					
Signature of applicant  Date 05/10/2023					
<ul> <li>OFFICE USE ONLY:</li> <li>Banners and temporary signs shall be valid for not more than 15 days per calendar quarter, have a gross sign area of 100 sq ft or less, and have no single side of any sign exceed 50 sq ft.</li> <li>Fee is assessed per sign.</li> <li>Signs may not be placed in the right-of-way.</li> <li>All requests must have written authorization from the property owner and be provided at the time of application and approval.</li> <li>Provide copy of approved application to the Police Department.</li> </ul>					
Village Manager or designee Date Approved Denied Updated 8/3/2021					

Village of Bayside 9075 North Regent Road Bayside, WI 53217

May 10th, 2023

To Whom it May Concern,

Serving as a representative of the Fox Point Bayside School District, I authorize Miron Construction Co., Inc. to display temporary construction signage on school grounds as they see fit for the duration of construction activities. Branding signage will be reviewed and approved by the School District. Should you have any questions, please feel free to contact me.

Best Regards,

Jordan Schulz

Partner

Huffman Keel Partners, Inc.

(617) 922-7691

jschulz@huffmankeel.com



#### BAYSIDE MIDDLE SCHOOL FOXBAY.ORG





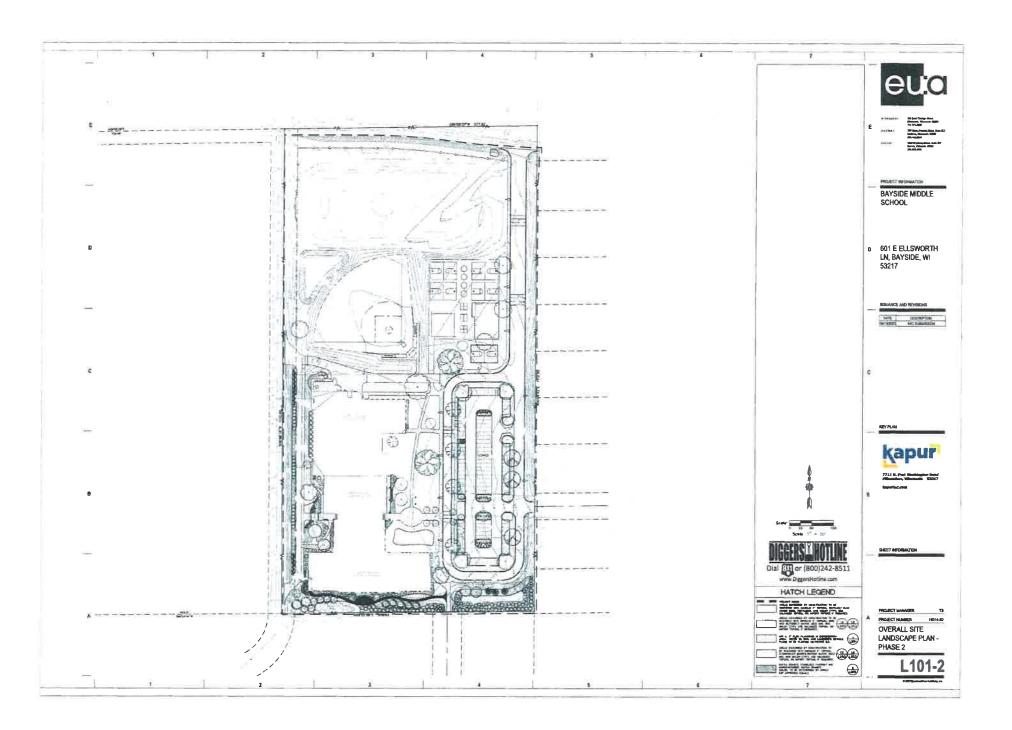


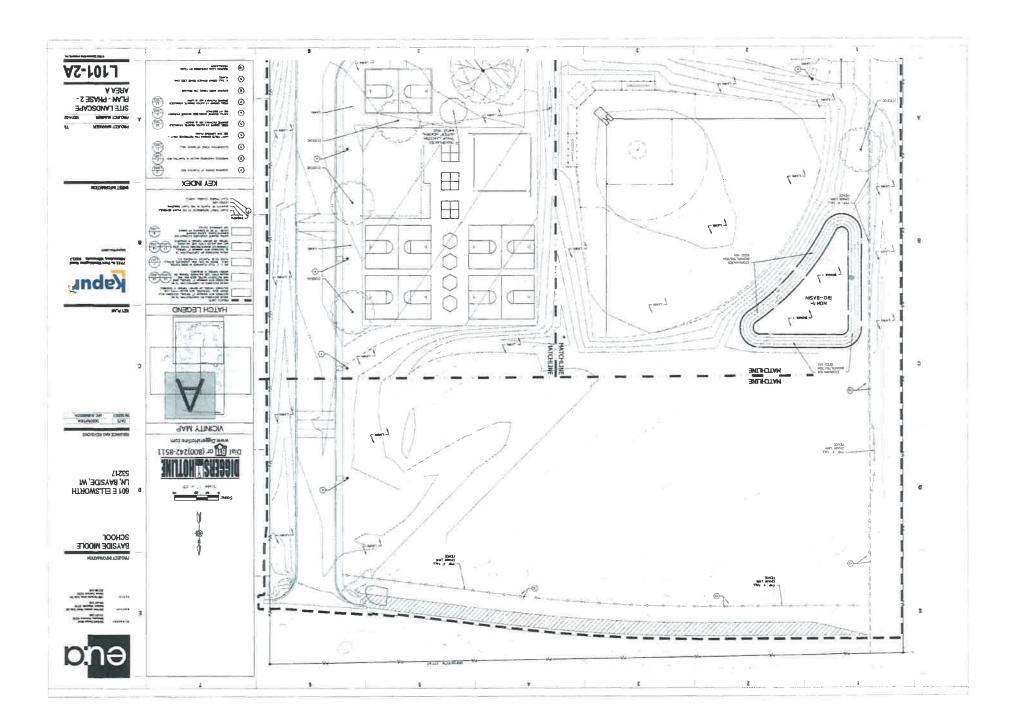
Date 06/01/2023	
Property Address 601 Ellsworth Lane	
Zoning District "C" Residence	

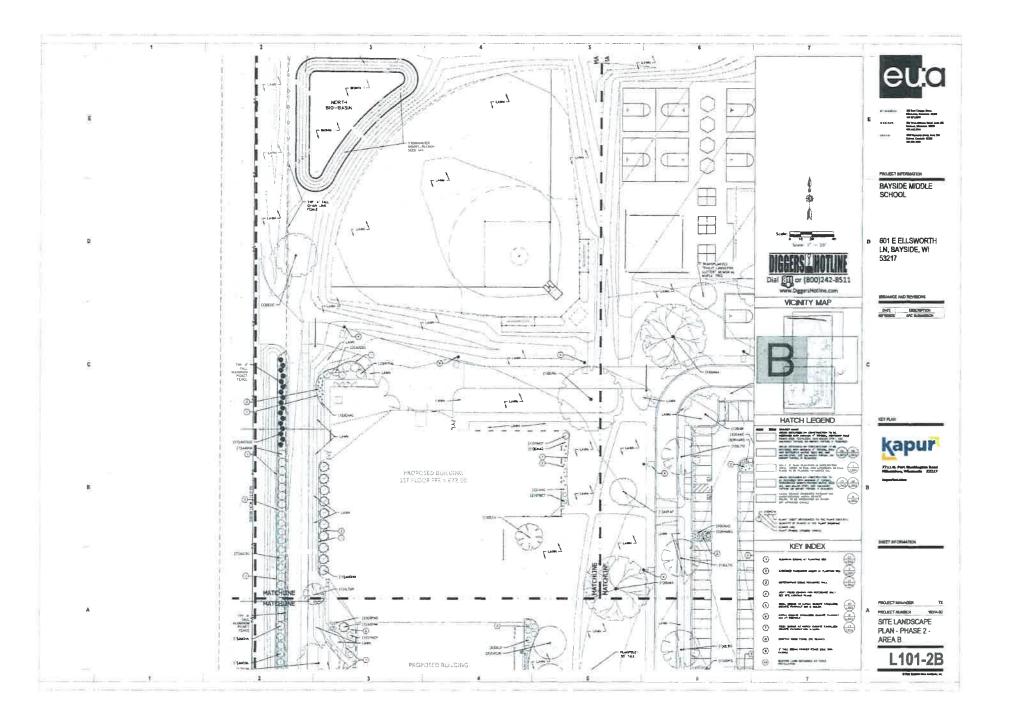
Proposed Project Details (type of work, size, materials, location, etc.):

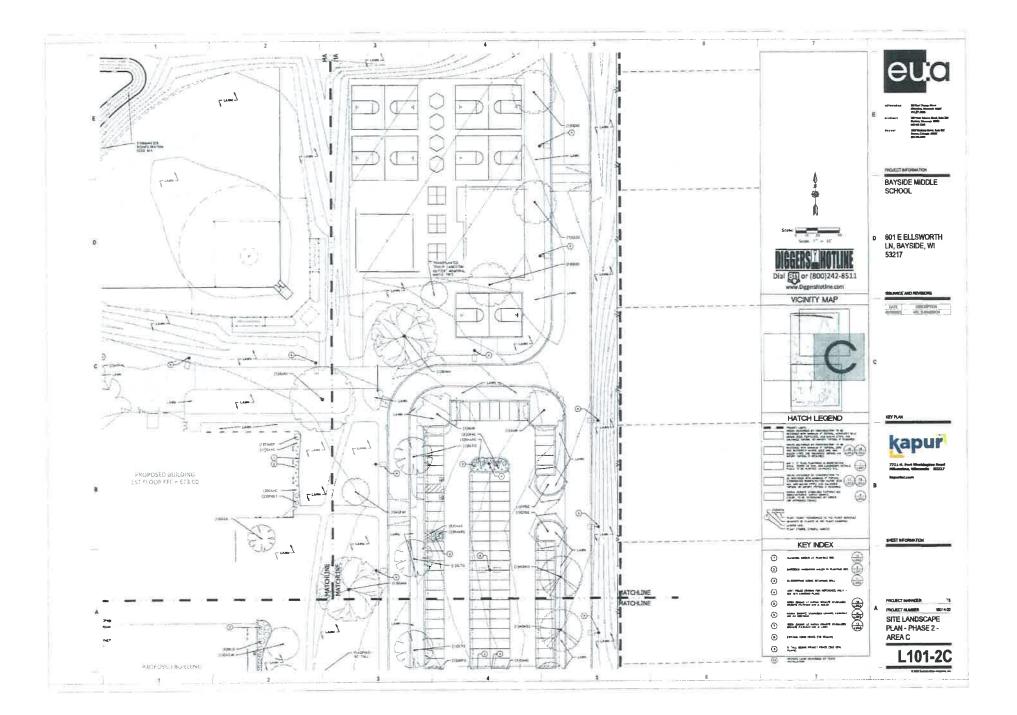
Landscape Plan: Privacy fencing along the south property line, Site access fencing along King and Ellsworth, Traffic signage around the site and extending into the surrounding neighborhood, Safety fencing along the bus drop off lane, Landscape screening along the bus lane. Landscaping plans include exact locations, sizes, and species as well as fencing with images/samples.

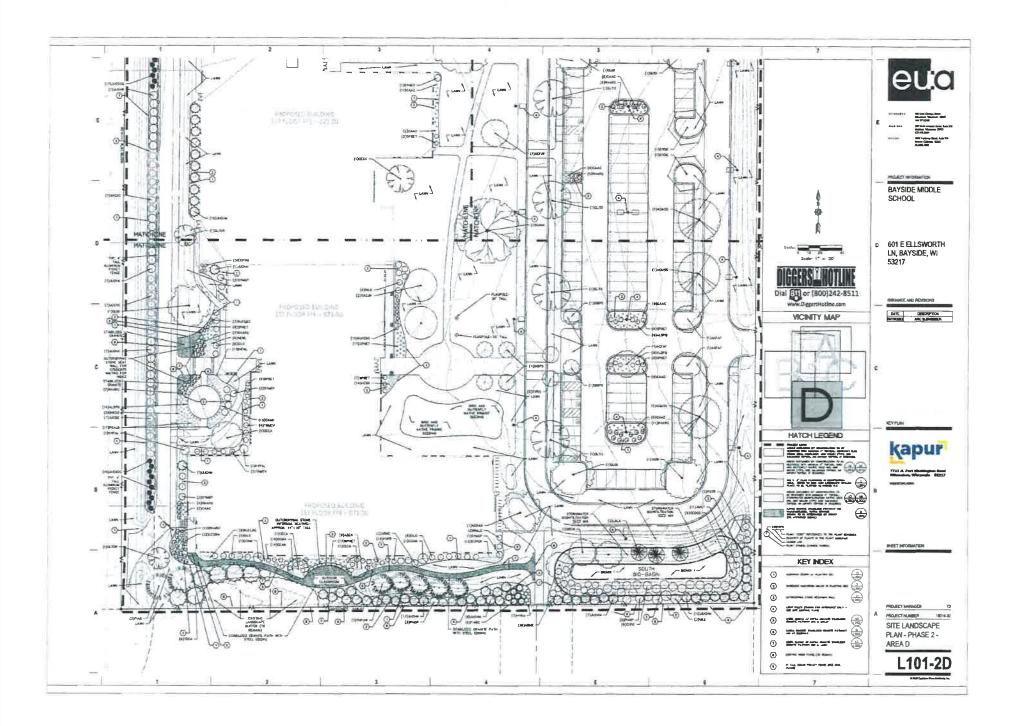
ARC Agenda Date: 06/19/2023				<u> </u>		
□ Color photographs showing project location, elevations, and surround views.       □ Complete digital set of building plans (including elevations and grading).       □ Decks/Patios         □ Samples or brochures showing materials, colors, and designs.       □ Landscaping requiring Impervious Surface/Fill/Excavation Permit         □ Survey or Milwaukee County Land Information Officer Aerial       □ Play Structures         □ Payment       □ Recreational Facilities/Courts         □ Solar Panels/Skylights       □ Solar Panels/Skylights         □ Swimming Pools       □ Windows/Doors – change exceeds 25% of opening         □ Dumpster       □ Other         □ ROW/Excavation       □ Package 03 - Landscaping Plan		×				Accessory Structures/Generators
elevations, and surround views.  Complete digital set of building plans (including elevations and grading).  Samples or brochures showing materials, colors, and designs.  Survey or Milwaukee County Land Information Officer Aerial  PERMITS: Y N Payment Building Bui		図	Parcel Number: 0219983000			Additions/Remodel
Complete digital set of building plans (including elevations and grading).  Samples or brochures showing materials, colors, and designs.  Survey or Milwaukee County Land Information Officer Aerial  PERMITS: Y N Payment Building			Color photographs showing project location,			Commercial Signage
(Including elevations and grading).    Samples or brochures showing materials, colors, and designs.   Survey or Milwaukee County Land Information Officer Aerial   New Construction   Play Structures   Recreational Facilities/Courts   Roofs   Solar Panels/Skylights   Solar Panels/Skylights   Swimming Pools   Windows/Doors – change exceeds 25% of opening   HVAC   Impervious Surface   Dumpster   ROW/Excavation   Dumpster   ROW/Excavation   Occupancy   Special Exception/Variance   Special Exception/Variance   Special Exception/Variance   Samples   Fire Pits   Landscaping requiring Impervious Surface   Landscaping Permit   New Construction   New Construction   New Construction   New Construction   New Construction   Solar Panels/Skylights   Solar Panels/Skylights   Swimming Pools   Windows/Doors – change exceeds 25% of opening   Windows/Doors – change exceeds 25% of opening   Mother   Package 03 - Landscaping Plan   Pa			elevations	, and surround views.		Decks/Patios
Samples or brochures showing materials, colors, and designs.   Survey or Milwaukee County Land Information Officer Aerial   Play Structures   Recreational Facilities/Courts   Roofs   Solar Panels/Skylights   Swimming Pools   Windows/Doors – change exceeds 25% of opening   HVAC   Impervious Surface   Dumpster   RoW/Excavation   Package 03 - Landscaping Plan   Package 03 - Landsc			Complete	digital set of building plans		Fence
and designs.  Survey or Milwaukee County Land Information Officer Aerial  PERMITS: Y N Payment Building Solar Panels/Skylights Solar Panels/Skylights Solar Panels/Skylights Solar Panels/Skylights Windows/Doors – change exceeds 25% of opening Windows/Doors – change exceeds 25% of opening Windows/Doors – change exceeds 25% of opening Other  A Other  Package 03 - Landscaping Plan  ROW/Excavation Conditional Use Special Exception/Variance			(including	elevations and grading).		Fire Pits
Survey or Milwaukee County Land Information Officer Aerial  PERMITS: Y N Payment Building Solar Panels/Skylights Solar Panels/Skylights Swimming Pools Windows/Doors – change exceeds 25% of opening Windows/Doors – change exceeds 25% of opening Windows/Doors – change exceeds 25% of opening Other Package 03 - Landscaping Plan  Package 03 - Landscaping Plan  Special Exception/Variance			Samples of	r brochures showing materials, colors,		Landscaping requiring Impervious
Officer Aerial  PERMITS: Y N Payment Building Solar Panels/Skylights Swimming Pools Windows/Doors - change exceeds 25% of opening HVAC FIII FIII FIII FIII FIII FIII FIII FI			and design	s.		Surface/Fill/Excavation Permit
PERMITS: Y N Payment Building Solar Panels/Skylights Swimming Pools Windows/Doors – change exceeds 25% of opening HVAC Special Exception/Variance Recreational Facilities/Courts Roofs Roofs Summing Pools Windows/Doors – change exceeds 25% of opening Dother Package 03 - Landscaping Plan Special Exception/Variance			Survey or I	Milwaukee County Land Information		New Construction
PERMITS: Y N Payment Building Solar Panels/Skylights Swimming Pools Windows/Doors - change exceeds 25% of opening HVAC Solar Panels/Skylights Other Plumbing Other Package 03 - Landscaping Plan ROW/Excavation Special Exception/Variance			Officer Aer	ial		Play Structures
N Payment   Solar Panels/Skylights   Swimming Pools   Windows/Doors – change exceeds 25% of opening   Windows/Doors – change exceeds 25% of opening   Other   Impervious Surface   Package 03 - Landscaping Plan   Package 03 - Landscaping Plan   Occupancy   Special Exception/Variance   Special Exception/Variance   Package 03 - Landscaping Plan   Pac						Recreational Facilities/Courts
	PEI				0	Roofs
Plumbing   Windows/Doors - change exceeds 25% of opening   Other     HVAC   Other     Impervious Surface   Package 03 - Landscaping Plan     ROW/Excavation   Conditional Use     Occupancy   Special Exception/Variance	Ġ		•	Building	0	Solar Panels/Skylights
Opening Other Opening Other Opening Other Package 03 - Landscaping Plan Opening Other Package 03 - Landscaping Plan Opening Other Opening Other Opening Other Opening Other Opening Other Opening Other				Electrical		Swimming Pools
Fill				Plumbing		Windows/Doors – change exceeds 25% of
				HVAC		opening
Dumpster ROW/Excavation Conditional Use Cocupancy Special Exception/Variance				Fill	×	Other
Dumpster ROW/Excavation Conditional Use Coccupancy Special Exception/Variance				Impervious Surface	Da	ockage 03 - Landscaping Plan
Conditional Use Cocupancy Special Exception/Variance	o		0	Dumpster		ackage 00 - Landscaping Flam
Occupancy     Special Exception/Variance		O		ROW/Excavation		
□ □ □ Special Exception/Variance		0		Conditional Use		
				Occupancy		
□ ARC				Special Exception/Variance		
				ARC		

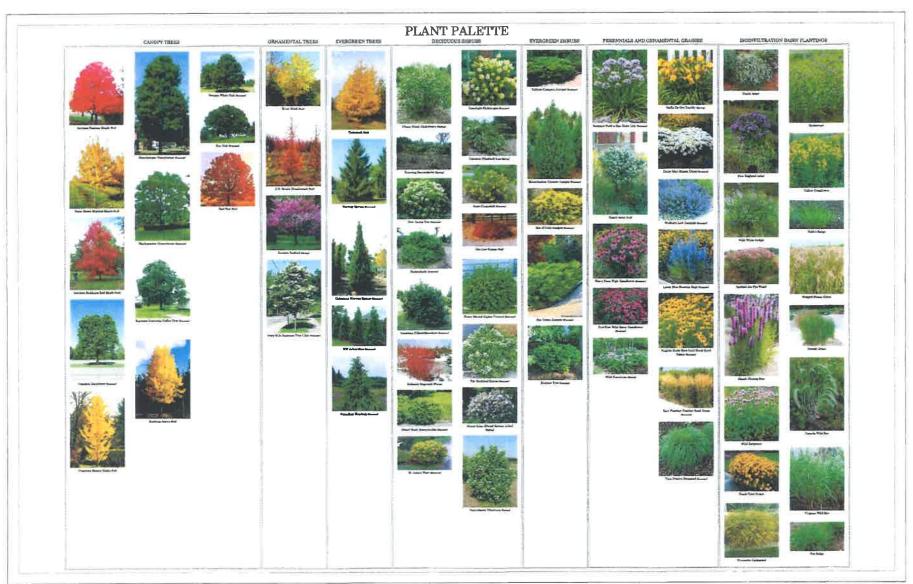












BAYSIDE MIDDLE SCHOOL

601 E. ELLSWORTH LANE, BAYSIDE, WI 53217

PREPARED FOR







# 06/07/2023

Attention: Village of Bayside, WI Architecture Review Committee

PROJECT/SITE OWNER:	PROJECT SUMMARY:
Fox Point-Bayside School District	Exterior lighting
PROJECT ADDRESS: 601 Ellsworth Ln	

I have reviewed the proposed new fences for compliance with the Village's ordinances and have determined the following for consideration.

- 1. In reviewing the computer-generated site lighting photometric plan it appears that it complies with the ordinance.
- 2. The board always considers the aesthetics of the lighting fixtures and poles.

# VILLAGE CODE REVIEW

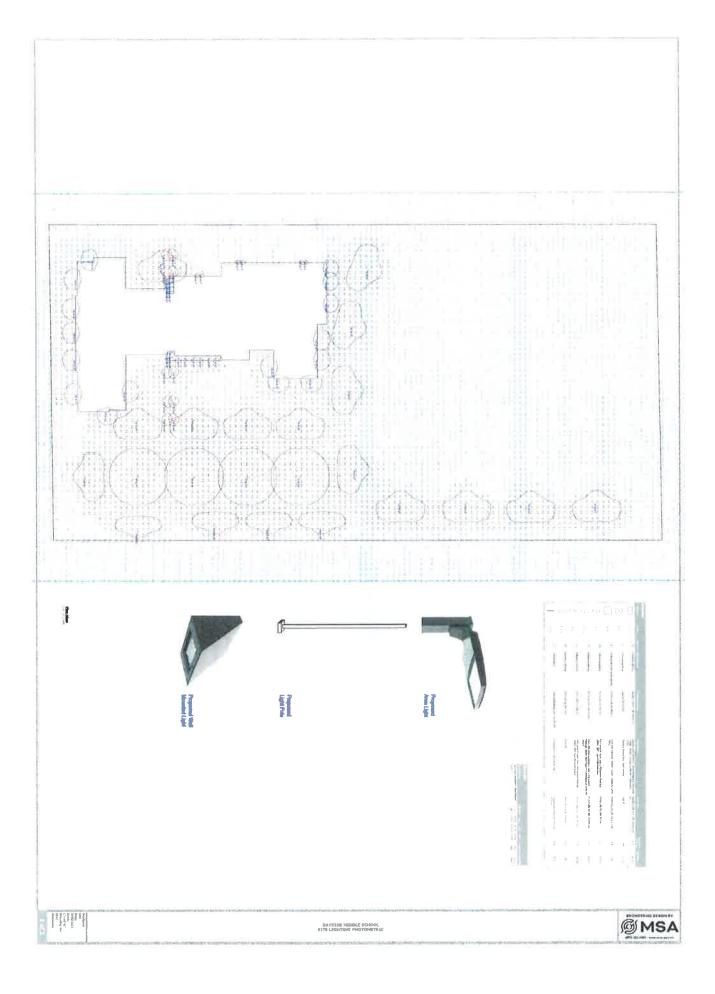
Supporting documentation or testimony must be provide at the meeting to verify code compliance with the above observations in red.

Dave Hendrix SAFEbuilt Wisconsin Operations Manager

Bayside ARC Review Page 1 of 1

# **Project Proposal**

			Date 06/01/2023		
			Property Address 601 Ellsworth	Lane	
			NON D		
			Zoning District "C" Residence		
Propi	osec	l Proiect De	etails (type of work, size, materials, locati	on, etc.	):
		-	lan remains consistent with last submission,		•
			,		
	X	ARC Age	enda Date: 06/19/2023		Accessory Structures/Generators
	×	_	mber: 0219983000		Additions/Remodel
		Color pho	otographs showing project location,		Commercial Signage
			s, and surround views.		Decks/Patios
		Complete	digital set of building plans		Fence
		(including	elevations and grading).		Fire Pits
		Samples	or brochures showing materials, colors,		Landscaping requiring Impervious
		and design	ns.		Surface/Fill/Excavation Permit
		Survey or	Milwaukee County Land Information		New Construction
		Officer Ae	rial		Play Structures
	<b>DM</b>	ro.			Recreational Facilities/Courts
Y	RMI N	Payment			Roofs
		Ō	Building		Solar Panels/Skylights
			Electrical		Swimming Pools
			Plumbing		Windows/Doors - change exceeds 25% of
			HVAC		opening
			Fill	囡	Other
		0	Impervious Surface	Pa	ickage 04 - Exterior Lighting
			Dumpster		
			ROW/Excavation		
			Conditional Use		
			Occupancy		
			Special Exception/Variance		
			ARC		





# **RSX2 LED** Area Luminaire













# 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 RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W 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.

# Specifications

EPA (ft²@0°);

0,69 tt2 (0.06 m2)

Length:

29.3" (74.4 cm) (SPA mount)

Width:

13.4" (34.0 cm)

Height:

30° (7 6 cm) Main Body 7.2" (18.3 cm) Arm

Weight: (SPA mount)

30.0 lbs (13 6 kg)



# Ordering Information

# **EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD**

# RSX2 LED

Secies	Fackage	Caller Temperature	Statistics		Voltage		Manytin	
RSX2 LED	PT PZ P3 P4 P5 P6	30M 3006W. 40M 4000K 50M 5000K	R2 R3 R3S R4 R4S R5 R5 R5S AFR AFFR90	Type 2 Wide Type 3 Wide Type 4 Wide Type 4 Short Type 4 Short Type 5 Wide Type 5 Wide Type 5 Wide Type 5 Short Automatice Front Row Automatice Front Row Automatice Front Row Earth Row Left Retailed		(120V-277V) <sup>2</sup> (347V-480V) <sup>3</sup> (277V-480V) <sup>4</sup> (277V-480V) <sup>8</sup> 277 <sup>3</sup> 347 <sup>3</sup> 489 <sup>5</sup>	SPA RPA MA IS WBA WBASC AASP AARP AAWB	Square pole mounting (3.0" mm. 50; pole for 1 at 80", 3.5" mm. 50; pole for 2, 5, 4 at 90", Bound pole mounting (3.2" mm. da. PND pole for 2, 3, 4 at 90", 3.0" nm. da. FND pole for 1 at 90", 2 at 100", 3 at 100", Mast arm adaptor (fits 2-3/8" 0D horizontal tenone. Adjustable staffers (fits 2-3/8" 0D renon)* Wall bracket: Wall bracket: Wall bracket with surface conduit box Adjustable that arm square pole mounting.* Adjustable tilt arm svift vrall bracket: Adjustable tilt arm svift vrall bracket: Adjustable tilt arm vift vrall bracket: Adjustable tilt arm vift vrall bracket.

ly tions				Fried	
Shipped h	nstall ed	Shipped	Installed	DDBXD	Dark Bronze
HS	House-side shield "	4Standal	one and Networked Sensors/Controls (factory default settings, see table page 9)	DBUXD	Black
PE	Photocontrol, button style <sup>c</sup>	NLTAIRZ	nuight AIR generation 2 (FIST)	DNAXD	Katural Aluminum
PEX	Photocontrol expertal threshiet, adjustable "	PIRHN	Networked, B-Level motion/ambient sensor (for use with NETAIR2) 13 (41)	DWHXD	White
PER7	Seven-wire twist-lock receptacle only (no controls)* (197	BAA	Buy America(n) Act Compliant	DDBTXD	Feoratre d Daris Gronze
CE34	Conduit entry 3/4" NFT (Oty 2)		, , , , , , , , , , , , , , , , , , ,	DOLEXD	extured Black
SF	Single fuse (320, 277, 347)	*Note: PH	DW with nLight Air can be used as a standolone dimuting sensor with out-of-ba-e	DICTAND	Terrured Natura, Aluminur
DF	Double tuse (203, 240-480)	settings or	r as a wireless networked solution. See factory default settings table. Sensor coverage	DWHGXD	Tenured White
SPD20KV	20NV Surge pack (10NV standard)	pattern is	affected when luminaire is titled.		
FAO	Field adjustable output 11	et			
DMG	O-10V dimming extend out back of housing for external control (control ordered separate).11	EGS EGS	Separately (requires some field assembly) External glate shield *		
DS	Dual switching 1.4	E6FV	External glaze full visor (360° around light aperture) "		
	·	BS	Bird spikes 14		



# Ordering Information

# Accessories

RSX ZEGS (FINISH) U Leturnal giver shield (specify finish)

RSX 2HSAFRR (FMPSH) U HSX2 Hume side shorks for AFR renated optics (excludes 2 shirles)

RSX2EGEV (FINISM) U External place hall view (specify hrish) RSXRPA (FINISH) U PSX Universal mund pole adaptor plane (specify fireth)

RESPONDA (FENISH) U REX WISA wall baselet (specify finish) !

PSXSCB (FIRESH) U RSX Surface conduit from (specify finish, for use with WBA, WBA mot included)
DEL 27F 15 JU Photos ell SSI, curler-lock (120-277V) \*\*

DLIJ-97F 1.5 CUL JU Photocell SSL twist-lock (347V) DELEGOT I S CUIL TU Photocell SSL turist-lack (480V)

DSHORT SISE U Shorting cap \*\*

- NOTES

  1 Arry Type S dear bootor, in red considering vity VSBA.

  2 Mrt OTT driver operation on any lone with age from 130-2771 (SOUM) Ind.

  2 Mrt OTT driver operation on any lone with age from 130-2771 (SOUM) Ind.

  2 Mrt OTT driver operation on any lone with age from 130-2771 (SOUM) Ind.

  2 Mrt OTT driver operation on any lone with age from 130-2771 (SOUTH CONTINUES AND VITY OF SOUTH CONTINUES AND VITY OF DRIVER OF THE ADDRESS AND VITY OF THE ADDRESS AND VIT

- 11. Residon photocol ordered and organization as against like team from during freeth Centrals fees extremely to Porting Cash missed.

  12. For use with option PEST, the mountage route in remembed to risk of the best option PEST, the mountage route in remembed to risk of the best option PEST, the mountage route in remembed in risk of the best option of the PEST.

  13. TOO, TOO, TEST, FAM, One of PEST.

  14. Disk only another the remember of the pest of the pest of the PEST.

  15. May be ordered with RIPINI.

  16. Resident MOVIG or MOVI.

  17. Mast be ordered with NIZARZ, For additional information on PROM Inc.

  18. Too the pest of the PEST.

  18. Too the PEST.

  19. Too the PE

- Must be ordered with fixture for tactory pre-drifting.

  Requires luminairs to be specified with PERT option. Ordered and shipped as a separatial line item from Acuity Brands Controls.

# **External Shields**



House Side Shield



**External Glare Shield** 



External 360 Full Visor

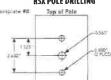
# Pole/Mounting Information

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page, Click here to visit Accessives

# HANDHOLE ORIENTATION



Handhole **RSX POLE DRILLING** 



# RSX STANDARD ARM & ADJUSTABLE ARM



## Round Tenon Mount - Pole Top Slipfitters

The	ST SHOTTY.		1000	100	1417	Jack Co.	400	
2 - 3/8"	RPS, AARD	AS3-5 190	AS3-5 200	AS3-5 240	A53-5 J20	AS3-5 390	AS3-5 440	
1-7/6" HPA AMP AST25-190		AST25 200	AST25 290	AST25-320	AST25-390	AST25-440		
5"	RPS, ARRP	6D)-199	AST15-200	AST35-290	A\$115-J20	AST15-390	AST35-490	

# Drill/Side Location by Configuration Type

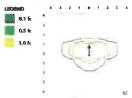
		-01		-	4		-
And in case of the last	Microsoft Spring	Seems	THE REAL PROPERTY.	April 1	50.78	144	100
	Head Location	Side B	Side#40	SHERRY	Round Pate Only	MAR.CAD	SHARCED
25	Drill Humandature	DMISAS	EM28A5	DARZMAS	DM37A5	DWTAYZ	CAMPAG

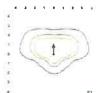
# RSX2 - Luminaire EPA

findudes un make and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data

Printed Quantity & Ma	unting	Simple	111	10 mm	110	tatte	as to	A STATE	High By Saler	Tank makes
Mountains Type	TRE	-8	m-1		T.	4		-	-	-
SPA - Square Pale Adapter	0"	0.57	1.22	127	1.8	7.61	2.39	1,37	2.06	274
RPA - Round Pole Adaptar		0.74	1.27	137	1.9	1.71	2.49	1.42	2.16	2,84
MA - Mast Arm Adaptor		0é1	2.14	331	1.64	1.45	2.23	129	1:9	151
	3.	0.65	122	1.27	1.6	1.61	231	1,32	2.00	2.74
	101	0.51	3126	1:05	1.56	1,37	2.08	1,06	1.29	2.12
	30"	6.57	1,32	1.03	1.52	1.33	2.02	1,03	1.55	2.07
	36"	0.64	5.11	8.16	1,67	1,45	7.71	1.27	1,91	2.54
(S - Interval Slighther	40°	DRI	121	135	1.24	1,63	239	1.62	2.0	123
AASP/AARP - Adjustable	45"	0.91	1.25	1.5	1.67	1.25	2.48	1.83	7.73	384
Arm Square/Round Pole	30"	1,34	1.83	2.17	267	2.56	1.52	2.65	4.02	5.96
	50"	2.2	2.97	137	4.28	4.17	5.89	441	661	8.82
	70"	2.56	4.11	4.7	5.89	5.71	1.23	5.71	8.57	11.42
	80"	3.4	5.11	5.67	7,34	7.09	10.21	6.79	10.19	11.54
	90"	3.55	3.56	6.53	8.56	537	11.88	7.70	11.56	15.41

Isofootcandle plots for the RSX2 LED P6 40K, Distances are in units of mounting height (30°)



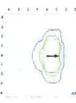












# Performance Data

# Lumen Ambient Temperature (LAT) Multipliers

Use those factors to determine relative lumin output for a mage archimal temperatures from 0.50°C (32-122°F)

-	Allem	inner district
0,0	327	1.05
5°C	41°F	1.04
1670	5017	1.01
15%	591	1.02
2870	6875	7.01
55%	22%	1,00
30%	367	0.99
33,40	957	0.98
7'00	10476	0.97
45%	11379	6.96
30°C	13279	0.95

# Electrical Load

		Company of the Compan									
Performance Package	System Warts (W)	1289	208V	2409	:2779	3171	(4)07				
P1	71W	0.39	0,34	0,10	0.26	0.22	0.72				
1/2	111W	0.91	0.35	0.44	0.40	2.22	621				
P3	147W	1.23	0.70	0.61	0.51	LQ	0,31				
14	167W	1.55	0,90	0.78	9.66	0.53	0.38				
75	210W	1.75	1.01	0.87	0.78	2.60	0.44				
74.	24407	2.01	1.17	1.07	0.88	0.70	0.51				

# Projected LED Lumen Maintenance

Parameters.	50,000	75,000	100,000
Later Management of State of	>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 ISNA UM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Consider factory for performance data on any configurations not shown here.

-	territor.	bearing.			a Unit					a V			legal and				
A RESP		301		100	10.0		100	-	HOS	EN	FW	70	Name of Street, or other Designation of the last of th		100		1
		82	10,045	1 2	t	1 1	139	17,031	1 2	9	10	153	11,031	ī 2	0	1	153
		- Eu	10,005	12	-0	7	141	10,992	1 7	-0	2	155	10,997	1	0	2	115
		R35	15.271	1 2	8	2	143	17,295	1 2	0	2	152	11,261	1	0	2	157
		24	10,136	1 2	0	2	143	11,116	1 2	0	1	157	11,136	1	0	2	157
Pl	21W	145	9,775	2	.0	2	138	50,744	2	0	2	155	10,748	1	0	2	191
FI	7 199	IS.	10,271	4	3	- 2	145	17,295	4	¢	2	153	11,253	+	0	2	155
		ILSS	10,544	13	0	.51	149	11,585	1	0	E	103	11,585	1	0	2	157
		AFR	10,026	1.2	.0	1	[4]	11,034	2	0	1.3	155	11,616	1.2	. 0	1	155
		AFRB90	10,122	3.	.0	2	140	11,121	1.1	0	1.	154	11,121	1	0	1	154
		AFRI 90	10,154	1	.0	2	141	11,167	1	0	1	155	11,157	1	0	-7	15
		112	15,712	1.5	.0	2	136	17,253	2	0	2	151	17,753	-3-	0	2	15
		13	15,657	1 2	0	3	141	17,202	13	4	1	155	17,202	-	ō	1	155
		R35	16,075	12	. 8	2	_H1_	17,661	- 2	0	2	155	17,661	2	9	2	15
		М	15,862	2	.0	1	143	17,427	2	.0	3	157	17,427	2	0	.3	15
F2.	711196	845	15,354	2	0	2	13#	36,815	1.4	ø		151	16,815	++-	9	3	15
	1000	IIS	16,075	4	0	2	145	17,661	5	¢	1	159	37,861	5	0	3	16
		AFR AFR	16.522	4	8	3	149	17,110	4	0	2	163	18,132	2	0	2	15
		AFRR90	15,601	1	0.0	3	188	17,494	2.	0	2	155	17,404	4	0	1	15
		AFRL90	15,941	13	0	1 3	(36	17,477	1	0	1	153	17,427	4	9	1	15
	-	II2	19,855	1	0	2	132	21,814	1	0	3	145	21,814	1	0	1 3	14
		ES .	19.785	13	0	1	135	21,237	15	0	1	142	21,717	1	0	1	14
		135	26,312	1	0	1	135	22,317	1776	0	X.	149	22,317	1	0	1	14
		14	30,044	1	0	1	136	22,592	3	0	4	150	12,022	1	1.0	4	75
		845	19,339	114	10	1	112	21,247	1	0	1	145	21,247		3	1	14
P3	147W	15	20,313	11	9	t-f-	138	22,317	15	4	-3	152	22,317	- 5	3	1	15.
		155	30.852	14	3	2	142	32,910	4	0	2	156	22.910	4	5	2	16
		AFR	19,828	1	0	1	135	21,785	1.3	4	2	148	21,785	3	3	1 2	14
		AFRIRO	20,017	14	9	1	133	21,992	4	0	1	142	21,192	4	0		14
		AFRL90	26,101	1	- 0	1	134	22,584	1	- 5	1	.147	22,084	4	- 4	1	14
		R2	22,836	13	0	2	130	25,090	1	- 4	2	132	35,090	1	- 9	2	13.
		13	22,756	1	9	4	122	25,002	1.3	8	4	134	25,002	3.	U	4	13
		1/35	21,363	1	0	1	127	25,668	1	0	1	125	25,666	1	9	3	- 19
		_M _	25,054	1 3	0	4	123	25,329	3.	4	4	135	25,329	1	b	4	- 13
	187W	I RG	12,243	(5)	.0	1	339	25,019	1	0	3	134	25,053	1	1		- 13
P4	18/W	. 0.5	23,363	- 5	0	. 3	125	25,669	. 5	0.	4	137	25,669	5	0.	- 4	13
		RSS	23,983	4	Ů.	1	128	30,000	1	- 8	2	141	26,350	4	4	2	14
		AFR	22,836	1 7	0	1.	122:	25,05m	1	0	2	134	25,056	1		1	13
		APRESO	29,023	1.4	0	3	129	25,295	4	. 0	3	133	25,395	4	8	1	. 13
		AERL90	23,120	4	0	1	122	25,401	1	1	1	134	25,403	4	9	1	13
		92	20,141	1	- 5	1	122	28,721	3		1	135	28,721	3	0	2	15
		10	26.049	13	0	4	124	29,120		0	4	136	29.620	3	0	4	13
		R35	26,744	1 2	0	1-2-	125	29,383	1 3	0	+	138	29,183	3		4	13
		EAS	36,190 25,462	1 3	0	1	128	27,574	1 1	10	1	133	27,974	3	9	1	13.
P5	210W	His His	25,744	-	0	4	127	29,363	1 1	2	1	140	29,363	3	3	4	34
		RSS	22,454	3	0	1 2	(31	30,163	4	0.	1 2	144	30.163	1	0	-2	34
		AFR	26,106	17	0	2	124	28,682	1.3	3	3	107	28.682	3	- 6	1	13
		AFRR90	36,354	4	0	1	323	28,955	1 3	0.	3.	136	26,955	1 5	5	1	- 53
		AFRL90	26,465		0	1	124	29,277	11	0	1	136	29.877	1 3	15	13	11
		R2	27,646	1 3	0	1	112	30,374	12		1	120	10,324	1		2	12
		0	22,540	11	8	4	113	36,267	15	8	4	124	30,267	1	1	4	12
		8.35	28,263	1	0	13	115	31,075	1		4	126	31,975	1	9	4	12
		AA.	27,909	13	ū	. 4	114	30,563	1	0	4	126	30,063	3	0	14	12
	27007	Bres.	26,128	15	0	T	110	71,585	TI		1	121	29,585	3		3	12
P6	24400	B	28,284	1 5	0	- 4	736	31,095	-3	9	4	127	31,475	5	0	4	12
		655	25,615	4	0	2	189	31,500	1.3	0	3	1311	31,500	1 5	8	3	18
		AFR	27,600	1.1	0	2	112	30,332	1	0	2	125	30,332	1	0	2	12
		AFERDO	27,872	4	0	1	113	10,622	5	0	1	124	10,622	- 5	0	3	12
	1	AFIIL90	27,597	4	0	1	113	30,751	1.	0	1 2	125	30,751	4.	. 0	1	12

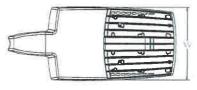


# Dimensions & Weights

# Luminaire Weight by Mounting Type

Natural (milymout	Griff Harmon Graph (
SPA	30 lbs
RPA	32 lbs
MA	30 fbs
WBA	33 lbs
WBASC	36 fm
15	33 lbs
AASP	3.3 lbs
AARP	35 lbs
AAWB	36 lbs
AAWSC	39 lbs

# RSX2 with Round Pole Adapter (RPA)

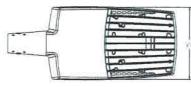


Length: 30.3" (77.0 cm) Width: 13.4" (34.0 cm) Height: 3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm





# RSX2 with Mast Arm Adapter (MA)

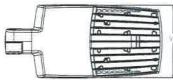


Length: 30.6" (77.7 cm) Width: 13.4" (34.0 cm) Height: 3.0" (7.6 cm) Main Body 3.5" (8.9 cm) Arm





# RSX2 with Adjustable Slipfitter (IS)



Length: 28.3" (71.9 cm) Width: 13.4" (34.0 cm) Height: 3.0" (7.6 cm) Main Body 7.6" (19.3 cm) Arm





# RSX2 with Wall Bracket (WBA)





# Wall Bracket (WBA) Mounting Detail



(mo 7.95) "2.15: (rhpne) Mm 7.14) "4.61: (rhbiW Height: 3.0" (mo 4.5) "0.6: Indie mmA (mo 4.55) "9.8

# RSX2 with Wall Bracket with Surface Conduit Box (WBASC)





# Surface Conduit Box (SCB) Mounting Datail



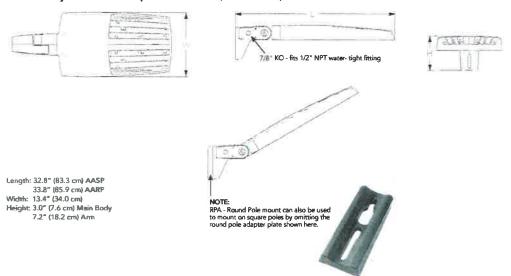
Length: 32.8" (83.3 cm)
Wibit: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
mA (nm 4.5" (23.4 cm) Am





# Dimensions

# RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)

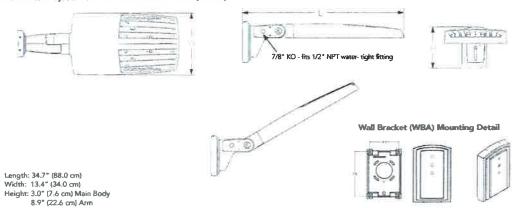


# Notes

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°.

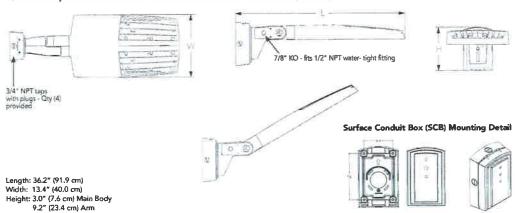
# RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)





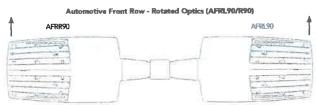
# Dimensions

# RSX2 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



# **Additional Reference Drawings**



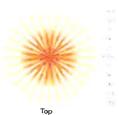


(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

# nLight Control - Sensor Coverage and Settings

# NLTAIR2 PIRHN nLight Sensor Coverage Pattern







			Matter Sense Bell	Marie Spine Pality		
Option	Duraned State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Rarrep-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to ensocueed)
HLTAREZ FYRING	Appetite, 30% Durport	100% Sutput	Enabled # 1.5FC	7.5 minutes	3 secunds	5 minutes

"Note: ALTARY PRITM default settings including photocal set-point, high/low dain rates, and occupancy sensor time delay are all configurable using the Clairly Pro App Sensor coverage pattern shown with luminaire at 0". Sensor coverage pattern is affected when luminaire at disord

# **FEATURES & SPECIFICATIONS**

# INTENDED USE

The RSX EED area family is dissigned to provide a long-facting, energy-efficient solution for the one-forone replacement of existing mental halide or high pressure sodium lighting. The RSX2 delivers 11,000 to 310 kmers area is idea for replacing ZSDW to 1000W HID pole-mounted luminaires in parking fots and other area solutions associations.

# CONSTRUCTION AND DESIGN

The RSX IECD area kurrovane Features a rugged die-cast aluminum main body that uses heat dissepating lists and flow-through venting to provide optimal thermal management that bett dissepating lists and flow-through venting to provide optimal thermal management that bett the fundament of the control of the second optimal throughout the fundament of the mountaing management that bett the fundament of the mountaing management of the flow optimal throughout the fundament of the flow optimal throughout throughout the flow optimal throughout throughout the flow optimal throughout the flow optimal throughout the flow optimal throughout the flow optimal throughout through throughout throughout throughout throughout throughout through throughout throughout throughout through throughout throughout through through through throughout through the flow optimal thr

# FINISH

Exterior parts are protected by a zinc-mfused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A lightly controlled multi-tage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result dia high-quality limith that its warranted not to crack or pied.

# OFTICS

Precision acrylecrefractive 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 35, Type 35, Type 35, Type 36, Type 37, Type 36, Type 37, Type

# ELECTRICAL

ELECTION ALL Upfile regime(s) configurations corollar of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maintrace heat dissipation. Light engines are IP66 rated LED Lumen maintenance is 3-192/10.000 hours. CCT's of 30004, 4000K and 5000K (minimum 70 CRI) are available. Fixtures also standard with 0.104 dimming driver. Class 1 electronic driven: ensure system power factor > 90% and TPIO < 20%. Easily serviceable 10kV surge protection device meets a memimum Category C Low operation (per ANSIDEE C62.4.12).

# STANDARD CONTROLS

The RSX LED area furnishments as a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V Eutzon type-ephotocells and NEMA twist-lock photocell receptacles.

# **nLIGHT AIR CONTROLS**

The SSX LED area luminare is also available with nitight? All for the ultimate in worless control. This prowaff concrise justifier provides out-of-the bot basic monon sewary with photocoprisor functionality and is suitable for mounting heights up to 40 text. No commissioning is required when using factory default settings that provide base it stand-allow motion occupacy dimming that is switched on and off with it built-in photocol. See chart above for motion sensor default out-of-box settings for more advanced weeks therefore allowing spound imming highly AIR and be commissioned using a smartphore and the early-to-use CLARITY app rulght AIR equipped luminaries can be grouped in some strain in a consideration of the provider and without the need by additional education. Some discussion of the development of the provider and school without the need by the discussion of the provider and the provideration above high all can be achieved when used with the discipline. Additional information above hught AIR can be found.

# INSTALLATION

Integral. The chall "mounting aim altern for fast, easy mounting using assing pole drillings. Sefect the "SPA" option for equate poles and the "RPA" option to mount for round poles. Note, the RPA mount can also be used for mounting to require poles by entiting the RPA adapter plate. Select the "MA" option to statish the liminater to a 22 MP hostizeral mark RPA or the "SPA" option for an adjustable slightfur that mounts on a 23 MP. On tenon. The adjustable she that the larger punction box and offers say markers. The due to 10 MP. The due to 10 MP. Additional mountings are available including a wall bracket; adjustable tit arm for direct-to-pole and wall and a surface conduct not for all means and calculations.

# LISTINGS

Los irross. CSA Certified to meet U.S. and Canadian standards, Surtable for wet ocasions. Rated for -4C°C minimum ambient. DesignLights Consortium<sup>4</sup> (DLC) Frem um qualified product and DLC qualified product. Not all versions of Uhr product may be DLC Premium qualified of DLC qualified. Place check the DLC Qualified Products Usi at to confirm which versions are qualified.

International Dark-Sity Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only, US Patient No. D862, 1465.

# BUY AMERICAN ACT

# WARRANTY

revolutions: I.

S year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of arrybans. All other express and implied warranties and disclarmed. Complete warranty terms located at:

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





# WDGE2 LED

Architectural Wall Sconce Precision Refractive Optic











# **Specifications**

Depth (D1): 15" Depth (D2): Height: 9-

11.5" Width: Weight:

13 5 lbs (without options)





# Introduction

The WDGE 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 WDGE family provides additional energy savings and code compliance

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

# WDGE LED Family Overview

100			Townson.				Approxim.	pa Europes ( 0	STOK BOCKS		
Enminaire	Optics	Section 100 a.z.	Distance.	100	- 11	#1	11	n	78	框	78
WOGE1 LED	Visual Comfort	4W		-	750	1,200	2,000	-	-	Væ:	-
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	TH:	1,200	2,000	3,000	4,500	6,000	255
WDGE2 LED	Precision Refractive	TOW	Taw	Standalone / nLight	700	1,200	2,000	3,200	4,200	-	(e)
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	-	7,500	8,500	10,000	12,000	40	659
WDGE4 LED	Precision Refractive			Standalone / nLight	2=	12,000	16,000	18,000	20,000	22,000	25,000

# Ordering Information

# **EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD**

Series	Factore	Color Temperature	OF .	Distribusion	Voltage	Material in g	
WDGE2 LED	P0 P1 P2 P3 P4	27K 2700K 30K 3000K 40K 4000X 50K 5000K AMB <sup>3</sup> Arriber	70CRI <sup>n</sup> 80CRI LW <sup>3</sup> Limited Wavelength	TTS Syse I Short T2M Syse II Medium T3M Syse II Medium T4M Syse IV Medium T5TM Syse IV Medium T5TM Syse IV Medium	MYDL1 3471 4801	Shipped included Still Surface mounting bracker ICW Indirect Canopy/Ceding Washer bracket (dry/ damp locations only)*	Shipped separately  AWS 3/8 och Architectural wall sparer  PBBW Surface-mounted back box (top, left, night canduit entry). Use when there is no junction box available.

Oproon	with the same of			heat	
E10WH E20WC PE' DMG' BCE BAA	Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 57 min) Emergency battery backup, Certified in CA Title 20 MAEDBS (18% - 207 min) Photocell, Button Type 0-10V demming wires pulled outside fixture (for use with an external Control, ordered separately) Bottom conduit entry for back box (PBBW) Toral of 4 entry points Buy America (n) Act Compliant	PIRM PIRM PIRTECTA PIRMATECTA PIRMATECTA Networked So NITAIR2 PIRM NETAIR2 PIRM	B-Level (ACL/35%) instead seasor for 8-15 mounting heights. Intended for use on saw street directs, with retirenal dask to dawn switching.  B-Level (EOL/35%) can just reserve for 15-30 mounting heights. Intended for use on saw street occurs with retirenal dusk to dawn switching.  B-Level (EOL/35%) motion sensor for 8-15 mounting heights with plictocell pre- programment for dawn operation.  B-Level (EOL/35%) motion sensor for 15-10 mounting heights with photocell pre- programment for dawn to dawn operation.  B-Level (EOL/35%) motion sensor for 15-30 mounting heights with photocell pre- programment for day to dawn operation.  B-Level (EOL/35%) motion sensor for 15-30 mounting heights with photocell pre- programment for day to day to great the sensor for 3-15 mounting heights.  B-Level (EOL/35%) motion sensor for 15-30 mounting heights are sensor for 15-30 mounting heights discussionally and the sensor for 15-30 mounting heights.	DOBXD DRIXD DNIXD DWHXD DSSXD DDBTXD DBLBXD DNATXD DWHGXD DWHGXD	Dark bronze Black National aluminium White Sandstone Textured dark bronze Textured dark bronze Textured habor Textured habor Textured habor Textured habor Textured short Textured sandstone



# Accessories Ordered and shapped separate

WIDGEAWS DOUGLD

WDGE 3/Rinch Architectural Wall Spacer (specify linish)

WDGE2988W DOBXD U WDGE2 surface-movested back box (specify finish)

# NOTES

- NOTES

  Proprior not available with sensors/controls

  Pri-P4 not available with AMB and LW

  AMB and LW always go together

  TOCR only available with TSM and T4M

  AVX not 460V no is available with E10WH or E20WC

  Not qualified for DCL. Not available with tempraprocy battery backup or sensors/controls

  PEr not available in 460V or with sensors/controls
- 8 DMG option not available with sensors/controls

# 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.

Perferenting	wsee		31	e arme	e zak	Б		- 1	R (VAIN	le	ř.		-	4 em	Ģ	ě		- 1	n des	Œ	MI		krajine	Employ	Ways	lango	tų.
Parkelle	Wash	Sinc Type:	lamer .	dist.		u)	1	less.	g##	,	ш	0	1	str	×	ä	D	Imen	jps.	•	it		(many	153		ė	E
		T15	636	92	0	0	0	666	97	TE	0	a	489	101	0	0	1	691	100	0	0.	1	712	47	0	0	1
		1286	662	96	9	0		653	301	0	0	0	726	106	0	0		719	104	9	- 7	9	741	44	0	0	0
PO	710	1314	M2	- 54	0	0		891	161		0	0.	728	108			4	719	104	8	. 5	5	341	4	t	.0	0
		T4M	648	91	0	0	0	679	N	. 5	1	9:	712	163	0			704	102	.0		0	726	40	0	0	0
- 1		TETM	652	95	0	0.	P.	6U	99	0	0	9	737	304	.0			708	103		0.	6	730	-6	0	0	1
		TIS	1,105	77	9	- 8	1	1,157	354	8	5	1	1215	121	4		1	1,290	167	3	-	1					
- 1		T2M	1,150	163	. 0	p	1	1,254	109	ŏ	0	1	1,264	(1)	ò	2	1	1,249	112	0	10	1	1				
21	tiw	T3M:	1,130	100	3	0	1	1,225	306	0	6	.1.	1.265	113		P	1	1,290	112	0	9.	1					
		144	1,526	101	9	2	1	1,329	136	0	6	T	1,218	111	9	8	-1	1,223	tle.	0	\$	1					
		TETM	1,133	101	2	8	1	7,186	106		19	1	1,245	112	٥	8	1	1,230	116	0		1					
		T15	1,801	95	1.1		3.	1,006	99	.1	8	. 20	1,903	101	1	4	1	1,957	103	1		1	]				
- 1		TZM	1,875	99	11		1	1,963	100	1	8	1	2,861	109	7	3	1.	2,037	107	1		1					
P2	TPW	TSM	1,876	99	1		1	1,964	168	-1		3	280	189	4	1	1.	2,698	107	1	. 5	1					
- 1		Teld	1,836	. 97	1	.0	1	1,5722	101	1	4	1	2,019	106	1	. 2	. 1	1,994	105	1	2	1	1				
		TFIM	1,847	97	1		1	1,934	162	1	10	1	2,030	107	1	0	1	2,006	104	1.	. 0	1	1				
		1957	2,900	t)	1	0	1	29Q	93	1	0	1	3.009	16	1	4	1	3,052	95	1	0	1	Ī				
- 1		T25E	23/24	:31:	1		DL.	1042	95	.1.		11	3.215	100	131	2		2,176	25.	3.	9	1.1	1				
P3	32W	TIME	2,925	91	1	¢	1	3.00	95	1	0	1.	3.216	300	1	. 5	1	2,177	99	1		1					
		twi	2,842	811	1	0	-	2,967	95	3	3	7	3,10	115	1	3	1	3,110	93	1	4	1					
1		16744	2,880	90	1		1	3.055	94	3	0	1	1.368	- 99	1	9	3	3.128	97	1.	0	1.5	1				
		TIS	1,729	20	1	0	1	3,904	84	1	0	1	4,000	- BL	1	0	T	4.051	17	1	.0	1					
- 1		7298	1,841	- NI	1	9	1	4,963	87	1		1	420	71	1	9	1	4,216	10	1	0	1	1				
Pd	47W	TIME	3,882	83	1		1	4,065	at	1	8	1	428	973	1	0	1	6,217	90	1		1	1				
		701	1299	Ø1	1	1	1	3,976	AS .	1	D.	1	4,377	99	3	0	1	4,127	- 88	1.	1	1	1				
		TETM	1,322	82	1	0	)	4,052	di.	1	6	1.	4.292	100	3		1	4,152	61	3.	0	1	1				

Performance				29KE2780K-9018H					WITH HOUSE FOLCES								300 (10000L) (-70E)						
Perhaps	Ratts.	- Me	10000	Uw.		11			180	•	в		laments.	(Fin			1	Famous	100	ī	v	1	
	- Test	T3M	737	107	0	0	0	743	111		0	0	122	179	0	0		102	121	· ·	0	11	
FO	710	Tell	721	105	0	d	- 5	746	100		.0		804	187	0	0	1	214	118	0		3	
	1TW	1386	1,280	:83	0	0	1	1,325	119	Į.	5	t	1,427	128	3	. 0	1	1,445	129	1	0	1.1	
PI	11111	140	1,253	152		g.	1	1,297	F16		2	1	1,397	125	:	.0	1	1,415	127	0	0	1	
		T3M	2,007	110	1.	0	1	2,140	- 114	1	0	1	2.727	120	1	0	. 1	2,357	124	1	0	1	
P2	1996	TAN	2,042	108	1	0	1	2.114	111	1	0	1	2.270	126	Y	0	1.	2306	121	1	0	1	
		TIM	1,254	1901	1.	0	1.	1,369	105	7	9	V	3,629	113	3	0	T.	3.675	114	())	0	1	
P3	32W	T486	3.185	99	1	.0	1	1.297	103	1	0	T	3,552	111	.5	0	1	3,597	112	1	0	1	
		Tabl	4,319	- 95	1	¢	1	LOT	96	. 1		1	4,617	103	1	0.	1	4,176	105	1	0	1	
P4	47W	740	4,227	-31	1	0	1	4396	91	. 1	9	2	4.714	101	1	0	2	4,774	102	. 1		2	



(4000K, 80 CR, T3M)

0577	ESOMIC
nse'ı	HWDf3
Line (	100

Lumen Output in Emergency Mode

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etan .	Inun	HELLT	Mark	TEME	PRODES!	name and the	afarera
	500	0.039	10.0	ZHOTO	1900	07	Ua
F50.0	160.0	-	ш	-	923	0'6	Od
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6/070	701.0	-	**	-	-	L.T.E	Ed
**	-	O 182	705.0	NECO	0.412	0.49	***
ZLL'O	521.0	-	#	-	," are	5.55	Ird

# Projected LED Lumen Maintenance

To calculate ULE use the lumen maintenance fector that corresponds to the desired number of operating hours below. For other human maintenance values, consect fectory. 2°25 a n beson timobald activity troopsepay assummoheng barabagetras were asserted assured 000,00 no beauti projected par approjected part appropriate 2011 to 2010 no beauti projected part ELI-TS-NIT AMPERTATION.

<b>78.0&lt;</b>	£6.0<	96.0<	0.f	most more sall each
000,001	000'05	000'57	0	COLUMN CONTRACTOR

# Use these lectors to determine releibre lumen output for average imbient temperatures from 0-40 °C I22-104°F). Lumen Ambient Temperature (LAT) Multipliers

enthappy witches		BULL
1.03	35%	0,€
1.02	3₀05	J*01
101	₹°89	20℃
00.T	7°77	J <sub>∞</sub> SZ
66.0	₹98	30°C
76.0	₹"Þ0F	7.0₺

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

# emangeld shitsmotodq





\*P3 40K BOCRI TFTM\*















CHIQ = 104 × 104 -P3 40K 80CRI T15"



# Emergency Egress Options

to bne ent is supported from the indication of three hours are the supported of the support at the end of the support at the end of the support at the end of the support at the support of the support at the support of the support o immediately detect loss of normal power and automatically energize the imminative. The emergency bartery will power the imminate for a minimum duration maintaining the sesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while Emergency Battery Backup

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



# Control / Sensor Options

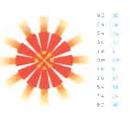
# Motion/Ambient Sensor (PIR\_, PIRH\_)

Motion/Ambeint 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.











Quine .	Destable	Hip and Salestagness	Percell Species	Vertex law	Barrige Briefs Times	121
PIR of PIRH	Motion - 3V (32% of full output) Photocell - OV (turned oil)	10V (100% output)	Enabled @ Sic	5 mm	5 min	Motion - 3 sec Photocell - 45 sec
PHRIFGSV, PINHIFGSV	Mation - 3V (37% al full out put) Photocell - DV (turned off)	10V (100% output)	Enabled @ 1fc	S rrien	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - OV (turned off)	10У (100% оштрит)	Enabled @ Sfc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec



# Mounting, Options & Accessories



# Motion/Ambient Sensor

D = 7°

H = 9" (Standalone controls) 11" (nLight AIR controls, 2" antenna will be pointing down behind the sensor)

W=115"



PBBW - Surface-Mounted Back Box Use when there is no junction box available.

 $D = 1.75^{\circ}$ 

H = 9"

W = 11.5"



AWS - 3/8inch Architectural Wall Spacer

 $D = 0.38^{\circ}$ 

H = 4.4"

W = 75°

**FEATURES & SPECIFICATIONS** 

Common architectural look, with dean 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 mosture and dust, providing an IP66 rating for the luminaire

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoses 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 dismate changes without cracking or peoling. Standard Super Durable colors include dark bronze, black, natural aluminum, sendstone and white. Available in textured and non-sextured finishes.

Individually formed actylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. The WDGE LED has zero uplight and qualities as a Nighttime Friendly<sup>TM</sup> product, meaning it is consistent with the LEED<sup>a</sup> and Green Globestw criteria for eliminating wasteful uplight

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize hear dusipation and promote long life (up to L9\*/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) Fixture ships scandard with 0-10v d mmable driver

# INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to binge down for easy access while making wring 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  $\rm G$ vibration load rating per ANSI C136-31

CSA comfied to U.S. and Canadian standards, Europeane is IP66 rated. PIR options are rated for seet 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 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

# BUY AMERICAN ACT

Product with the BBA option is assembled in the USA and meets the Buy American) government procurement requirements under FAR, DFARS and DQT regulations. for additional information

were limited wayrants. This is the only wattants appetited and he other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty rorms located at

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





# **FEATURES & SPECIFICATIONS**

INTENDED USE—Thus a specifications are for USA standards only. Square Straight Steel is a general purpose light pole for up to 39-foot moorting heights. This pole provides a robust yet cost effective option for smounting area lights and foodlights.

# CONSTRUCTION —

OUTDOOR

Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a welshable\_grade, bot-miled, commercial-quality steer turbing with a minimum yeld of 55 KS (11- gauge, 0.1207), or 50 KS (17-pauge, 0.1297). Shaft is one-piecewish a fail-redul hospited link high frequency electric resistance week to findings square as cress-section with flat sides, small comer radii and excellent torsional qualities. Available shaft withits are 47,57 and 61.

Pole Top: Options lockede 4" tenon top, drilled for side mount faxture, tenua with drilling (includes entira hamiltude) and open top. Side drilled and open top poles include a removable top cap.

Handhole: A reinforced handhole with grounding provision is provided at 18° from the base on side. A Postforing the handhole lower may not be possible and requires engineering review; consult Tech Support-Outdoor for further information. Every handhole indisides a cover and cover attachment handware. The handhole has a norminal dimension of 2.5° x'5°.

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pule assembly. Additional base cover options are available upon request.

Anchor Base/Boltz: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anohor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KS) minimum yield strength and bensile strength of 75-95 KS). Top threaded portion (nominal 127) is her-dipped galvanized per ASTM A-153.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FRIISH — Extra durable painted finish is coated with TGG (Frighyridy) Bocyanorate) Polyester pounder that meets \$4 and \$5 classifications of ASTM D3559. Powder-cent finishes include Dark Bonnae, White, Blad, and Natural Aluminum colors. Architectural Colors and Special Principes are mailable by quote and include, but are not limited to Paint over third-disposed Galvanized, RAL Colors, Costom Colors and Extended Warranty Finishes.

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under EAR, DEARS and DOT regulations.

Please refer to warm and the same to complete amenican for additional information.

INSTALLATION — Do not erect poles without having furtures installed. Factory-supplied troughtes must be used when setting anchor holds. Lithonia Lighting will not accept claim for instance; anchorage placement due to failure to use Lithonia Lighting factory templates. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent faish darrage. Lithonia Lighting is not responsible for the foundation design.

WARRANTY — I -year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at warranty terms located at warranty terms located at warranty terms located at warranty terms.

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

Ontaling Number
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Anchor Base Poles

SSS

**SOUARE STRAIGHT STEEL** 



POLE-SSS

555								
oles	Hospital fedure mounting height	Strained shaft base straywell thickness	Mouthy'		Options		Podd*	
55557	10'-39' (for 1/2 ft mcrements, add-6 to the pole height. Ex: 20-6 equals 20tt 6in.)  See technokal information table for complete or complete or dening information.)	4C 4" 11g (0.120") 4G 4" 19 (0.179") 5C 5" 11g (10.120") 6G 6" 7g (0.179") See technical information table for complete ordering cuformation.)	Tenon mounting   PT	AFRS** Suspend drill mounting** DM19AS1	Shipperdinst VD HARY PD HARY PD HARY PD HARY PD HARY PD HARY PP HARY PP HARY STLIBIC PP NEC UL BAA	Vibration damper Hottonal arm bracket (1 fixture) <sup>3</sup> Festoon outlet less electrical <sup>1,39</sup> 1/2" couplang <sup>4</sup> 3/4" couplang <sup>4</sup> 3/4" couplang <sup>4</sup> 1' couplang <sup>4</sup> 1' couplang <sup>4</sup> 1' threaded nipple <sup>4</sup> 3/4" threaded nipple <sup>6</sup> Extra handhole <sup>4</sup> Steel handhole cover (standard in plastic, finish is smooth)	DOBUD DOBUD DOBUD DOBUD DOSSUD DGCXD DTGXD DTGXD DBRUD DSBXD DBRUD DBRUD DBRUD DRTXD DBRUD DRTXD	public pairot colors Dark bronze Black Black Black Natural aluminum White Sandstone Charca of gray Tenans green Bright red Steel blue Textured dark bronz Textured dark bronz Textured dark bronz Textured black Textured black Textured startural aluminum Textured matural aluminum Textured matural aluminum Textured matural aluminum Textured white silves Galvanized finish mat colors and Special Galvanized, RAL Color silver and Esternded Finishes available.

# HOTES:

- 1. Handhale covers (HHQ, foll base covers (FBQ) and top caps (RQ shipped separately. No need to call out in nomendature. For additional parts please order as replacements.

  2. Wall thiddness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomendature "C" - 0.120" | "G" - 0.179".
- 3. PT open top poles include tap cap. When ordering tenon mounting and drill in ounting for the same pole, follow this example: DM28/TOO. The combination includes a required extra handhole.
- 4. Refer to the fixture specisheet for the correct drilling template pattern
- and orientation compatibility
- 5 All RAD drilling's require a minimum top O.D. of 4".

Accessmeles: Order as separate ratiolog number. PL DT20 Plugs for ESX drillings PL DTB Plugs for DM axAS drillings

- 6. Insert "1" or "2" to designate fixture size; e.g. DA(19ASTZ.
- 7. On 4" and 5" poles, VD cannot be installed if provisions (ENH, FDL, NPL, CPL) are located higher than 2/3 of the pole's total height.

  Example: Pole beight is 25ft, A provision cannot be placed above 16ft.
- B. Specify location and orientation when ordering option.
- For "x": Specify the height above the base of pole in feet or feet and inches separate feet and inches with a " "
- Example: 51 = 5 and 2011 Sin = 26-3

  For "Y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below.

  Example: 1/2" coupling at 5 8", orientation C = CPL12/5-BC
- Horizontal arm is 18" x 2-3/8" 0.0, tenon standard, with radius curve providing 12" rise and 2-1/8" 0.0. If ordering
  two horizontal arm at the same height, specify with HAzyy. Example: HAZOBQ.
- 10. FDL does not rome with GFO outlet or handhole cover. These must be supplied by contractor or electrician.
- 11 Combination of tenon-top and drill mount includes extra handhole. BHH includes cover.
- 12. Provides enhanced corrosion resistance.
- 13. Use when mill certifications are required.
- 14. Finish must be specified. Additional colors available; see Architectural Colors brochure linked here (Form No. 794.3) Lead times may be extended up to 7 weeks due to paint procurement



Rev. 12/01/22

	Mominal	Pole Shaft Size					EPA (ft?) w	th 1.3 gust					Approximate
Catalog Number	Shaft Length (ft.)"	(Basein. a Top in, a ft.)	Wall thick (in)	Gauge	BO MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	Buft circle (lin)	Bolt size (m. x in. x in.)	ship weight (lbs.)
SSS 10 4C	10	4.0 x 10.0	0.120"	11	30.6	765	23.8	595	18.9	473	8-9	3/4 x 18 x 3	75
55S 12 4C	12	4.0 x 12.0	0.120*	- 11	24.4	610	16.6	470	14.8	370	8-9	3/4 x 10 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.120°	17	19,9	498	15.1	378	11.7	293	8-9	3/4×18×3	100
555 16 40	16	4,0 x 16.0	0.170"	11	15.9	398	11.8	295	8.9	223	8-9	3/4 e 16 x 3	115
555 18 4C	18	4.0 × 18.0	0.120*	11	12.6	315	9.2	230	6.7	168	8-9	3/4 x 18 x 3	125
SSS 20 4C	20	4.D x 20.0	0.120°	11	9.6	240	6.7	167	4.5	150	8-9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.179*	7	14	350	11	275	8	200	8-9	3/4 x 30 x 3	198
525 20 5C	20	5.0 x 20.0	0.120*	11	17.7	443	12.7	343	9.4	235	10-12	7x36x4	185
555 20 56	20	5.0 x 20 0	0.179"	7	2B 1	703	21.4	535	16.2	405	30-12	1x36x4	265
SSS 25 4C	25	4.0 x 25.0	0 120"	11	4.8	150	2.6	100	1	50	8-9	3/4 t 18 x 3	170
535 25 46	25	4.0 x 25.0	Q.179°	. 7	10.8	270	7.7	188	5.4	135	89	3/4 1,30 1.3	245
SSS 25 9C	25	5.0 x 25.0	0 120"	11	9.8	245	6.3	157	3.7	150	10-12	1x36x4	225
SSS 25 5G	25	5.0 x 25.0	0.179"	7	18.5	463	13.3	333	95	238	10-12	1x36x4	360
SSS 30 46	30	4.0 x 30.0	0.179"	7	6.7	166	4.4	110	26	65	8-9	3/4 x30 x3	295
S\$S 3 B 5C	30	\$.0 x 30.0	0,120"	1½	4.7	150	2	50			10-12	1x36x4	265
SSS 30 56	30	5.0 x 30.0	0.179*	7	10.7	267	6.7	167	3.9	100	10-12	1x36x4	380
555 30 66	30	601300	0.179*	7	19	475	13.2	330	9	725	11-13	1a36 x4	520
555 35 56	35	5.0135.0	0.179"	7	5.9	150	2.5	100	-		10-12	1x36x4	440
\$553566	35	6.0 x 35.0	0.179"	7	12.4	310	7.6	190	4.2	105	11-13	113614	540
555 39 66	39	6.0 a 39.0	0.179*	7	7.2	180	3	75	-	-	1113	Fx36x4	605

MOTE: " EPA values are based ASK E7-93 wind map. For 1/2 ft increments, add -6 to the pole height. Ex. 20-6 equals 20ft 6in

Series	Mounting Height (Tt)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPB	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150MPH	Max. meight	Approximate ship weight (bbs.)
SSS	10	40	20	500	16	400	13	325	10.5	263	8.5	213	7	175	6	150	75
SSS	12	4(	16	400	13	325	10	250	8	200	6.5	163	5	125	4	100	90
SSS	14	4(	13.5	338	10	250	7.5	188	6	150	4.5	113	3.5	68	25	63	300
555	16	40	10.5	263	7.5	188	5,5	138	4	100	3	75	1.5	38	1	25	115
555	18	40	- 8	200	5.5	138	- 4	100	2.5	63	1.5	38	0.5	13			125
555	78	45	13	325	95	238	2	175	5	125	3.5	38	2.5	63	15	38	185
555	15	50	- 13	325	9.5	238	65	163	4.5	113	3	75	1.5	38	\$	13	170
555	20	4(	á	150	4	100	2.5	63	1	25	( ) E			563	- 8	12	140
555	20	46	105	263	7.5	188	55.	738	3.5	38	2	50	1	25			205
555	20	50	10	250	7	175	4.5	113	2.5	63	1	五	-	-	+	7	185
SSS	20	56	20	500	15	375	11.5	288	8.5	213	6	150	4.5	-113	3	75	265
SSS	25	40	2	50	0.5	13		1 (6-1	4		100	40	12	( ie)		(6	170
555	25	4G	5.5	138	3	75	1.5	38		-	(=(*)=		-	- 0	- 20		245
555	25	SC	4.5	113	2	50		7.00			-	7.		-			225
555	25	5G	12	300	8.5	213	5.5	138	3	75	1.5	38	-	7.64	- 2	7.0	360
555	25	66	19	475	13.5	338	9	225	5.5	138	3	75	1	25			445
SSS	30	46	1.5	38	(4)	-		797	*:	140	(0)	90	(9	P2		0	291
222	30	54	- 1			-	-		-, -				-				265
555	30	5G	6.5	163	3.5	88	1	25	17		- Ze.	2		56.7		-/-	380
555	30	66	11	275	6	150	2.5	63	- 80	_ S		2	3.	187	- 31		520
222	35	56	2	50	000			) e (	-	:4	1000	4	3	1.0 (			440
SSS	35	66	4	100	34.	6.1	2	(4)	6.1	-	- 41	47		5*2	-		540
SSS	39	66		-	-		-		-,			-7.			- 1	-	605

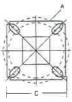
NOTE: AASHTO 2013 one-us in the most constructive mixture mixture mixture from EFA calculation. For pales not showing EFA values under AASHTO 2012, EFA values may east under terminental criminal control like table above.

<sup>&</sup>quot;For 1/2 ft increments, add -6 to the pale height. Et: 20-5 equals 20ft fin

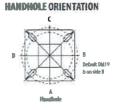
# **BASE DETAIL**



POLEDATA									
Shaft base size	Belt direle A	fielt projection B	Basa square (	Base plate thickness	Template description	Auchorbolt description	Anchor belt and template description		
4*(	8"-9"	1.25"- 3.75"	E-825	0.75"	ABTEMPLATE P150004	ABTE-O	ABSSS-40		
4"6	6"-9"	3.38"-3.75"	8"-8.25"	0.875"	ARITEMPLATE PISORO4	AE30-0	ABSSS-46		
5"	107 - 127	3.5"− €"	TI*	1"	ABTEMPLATE PJ50010	A836-0	ABSSS-5		
6"	11"-13"	4"- 4.50"	12.5"	r	ABTEMPLATE PERCETT	A836-0	N/A		







# IMPORTANT INSTALLATION BOTES:

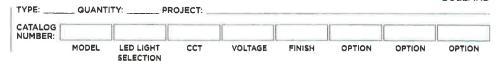
- Do not erect poles without having futures installed.
- Factury-supplied templates must be used when setting anchose boils. Urbania: Uphthing will not accept claim for incorrect anchosing placement due to fallure to use Lithonia Lighting facility templaties.
- If poles are stored outside, all protective wrapping must be removed transdistely upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.
- Bolt circles have +/- 1/2" tolerance.

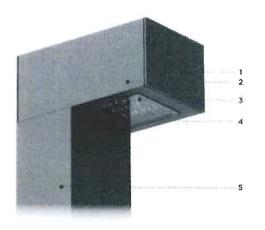
CAUTION: These specifications are intended for general purposes only. Litherisa beginning resumes the right to change material or design, without poor notice, is a continuing effort to upgrade its products



# BVA11B/BVA12B SERIES

Bellevue BOLLARD





- Front cover constructed of corrosion resistant aluminum.
- 2- 4.5" (114mm) x 6" (152mm) Extruded aluminum optical chamber.
- **3-** Available in configurations of 9 LEDs or 18 LEDs
- 4- Clear tempered glass.
- 5- 4.5" (114mm) x 6" (152mm) 6063-T6 aluminum pole. 0.125" wall thickness. All stainless steel hardware.





# **MATERIALS**

Bellevue bollard is made of 6063-T6 extruded aluminum alloy LED board is assembled on a thick extruded aluminum profile and protected by a clear tempered glass. The acrylic optics provide a wide range of IES type distribution. The driver is mounted inside the fixture which is accessible from the back of the fixture head for ease of maintenance.

# **ELECTRICAL**

DRIVER Standard driver is 120-277V multi-volt compatibility (50-60Hz), 0-10V dimming-ready (dims to 10%). Optional 347/480V, 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 Type I, II, III, IV light distribution via high performance optical lenses.

Offered in 2700K, 3000K, 3500K, 4000K / 80 CRI.

Optional true amber LED for turtle sensitive areas.

Wavelengths: 584.5nm to 597nm

# LIFETIME

60,000hrs L70B50 (based on LM-80 report for lumen maintenance)

# **FINISH**

Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish

# CERTIFICATION

Certified and Approved as per CSA C22 2 No  $\,$  250 0 standard and ANSI/UL 1598 standard, for wet location, Rated IP65 Rated IK10.

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.

# MOUNTING

Maximum weight 25 lbs (11.3 kg)

Bellevue is designed for ease of access and installation.

The head is secured on a mounting bracket that is accessible from the inside. The base plate is secured with a set of (4) 3/8"-16 x 10" ig. galvanized hook anchor bolts.

# BVA11B BVA12B 14" (267mm) (152mm) 4.5" (114mm) 42" (1016mm) (114mm) (114mm) (114mm) (114mm) (114mm) (114mm) (114mm)

# BVA11B/BVA12B SERIES Bellevue

# **LUMINAIRE SELECTION - BVA11B/BVA12B**

MODEL	2 LED LIG	HT SELECTION			CCT 1K	LED	4 VOLTAGE	6 FINISH	
	WHITE L	ED SELECTION							
100	TYPE	SUFFIX	DELIVERED LUMENS	INPUT WATTS	TEMPERA	TURE'	STANDARD	STANDA	RD COLORS
		□ L1L10-TYPI	1205	11W	K27	2700K	L1 120V	□ wht	Snow white
- 8	TYPE	CLILI6-TYPI	1846	19W	□ K30	3000K	□ 208V	□ вкт	Jet black
		□ L1L24-TYPI	2635	30W	□ K35	3500K	☐ 240V	⊕ BZT	Bronze
		TO ELECT TITLE			₩ K40	4000K	[] 277V	MST	Matte silver
		CJ LILIO-TYP2	1072	11W				C GRT	Titanium gray
	TYPE II	LILI6-TYP2	1643	19W				DGT	Gun metal
<b>□ BVA11B</b>	. , , ,	☐ L1L24-TYP2	2345	30W				CHT	Champagne
			20.0					SGT	Steel gray
		□ L1L10-TYP3	977	nw				□ BGT	English cream
	TYPE III	LIL16-TYP3	1497	19W					
	****	LIL24-TYP3	2137	30W			OPTIONAL	OPTIONA	L COLORS
		LIL10-TYP4	904	11W			(7) 3.4317	17.00	C share sales
	TYPE IV	□ LILI6-TYP4	1384	19W			347V	U CS	Custom color
		□L1L24-TYP4	1976	30W			□ 480V	RAL	RAL# color

# AMBER LED SELECTION - TURTLE PRIENDLY

TYPE	SUPPIX	DELIVERED LUMENS	INPUT WATTS
TYPE I	□ LILK2A-TYPI	349	вW
TYPE II	□ LILK2A-TYP2	311	8W
TYPE III	□ LILK2A-TYP3	283	8W
TYPE IV	CLILK2A-TYP4	262	8W

# I

⊕ BVA12B

AAMITE	TED SELECTION		
TYPE	SUFFIX	DELIVERED LUMENS	INPUT WATTS
	□ L2L26-TYPI	2957	29W
TYPE	□ L2L34-TYPI	3692	38W
	☐ L2L40-TYPI	4248	46W
	□ L2L26-TYP2	2632	29W
TYPE II	L2L34-TYP2	3285	38W
	UL2L40-TYP2	3780	46W
	□ L2L26-TYP3	2398	29W
TYPE III	L2L34-TYP3	2994	38W
	☐ L2L40-TYP3	3445	46W
	UL2L26-TYP4	2218	29W
TYPE IV	L2L34-TYP4	2769	38W
	□ L2L40-TYP4	3186	46W

# AMBER LED SELECTION - TURTLE FRIENDLY

TYPE	SUPPIX	DELIVERED LUMENS	INPUT WATTS
TYPE	□ L2LK2A-TYP1	698	16W
TYPE II	□L2LK2A-TYP2	621	16W
TYPE III	LL2LK2A-TYP3	566	16W
TYPE IV	□L2LK2A-TYP4	524	16W



For IDA certification compliance, luminaire must be ordered with 3000K or warmer.



# **BVA11B/BVA12B** SERIES Bellevue

# **OPTIONS**

# PHOTOCELL C) PH

Thermal button photoceli mounted on top casted housing (as shown on image). Instant turn-on, standard 5-10 second turn-off time delay.

# FUSE SAFETY

☐ FS Fuse

# SURGE PROTECTOR

☐ SP 10kV surge protector

# FAUX WOOD COLORS 4

☐ ADG	American douglas	☐ MPL	Maple
□ BRC	Birch	☐ OFL	Oak
☐ CHN	Chestnut	□ RSW	Rosewood
☐ CRY	Cherry	☐ TEK	Teak
□ KNP	Knotty pine	□ WLN	Walnut

# **GROUND FAULT CIRCUIT INTERRUPTION<sup>3</sup>**

Ground fault circuit interruption flush receptacle. Access door secured with torx screws.

# ENVIRONMENT

☐ MG Marine grade paint 2 □ NT Natatorium (only available in WHT and BKT)

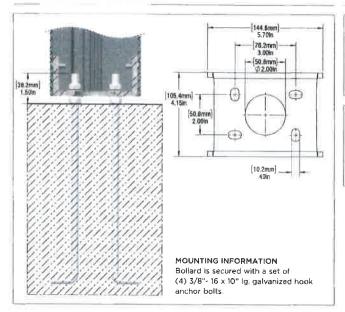
☐ GFI

- 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- Marine grade paint for harsh, coastal environment and exposure to salt water Longer lead time may apply please contact factory for info
- 3- GFI option are installed 27" above grade GFI flush cover GFI receptacle by others 120V required for GFI
- 4- Faux wood finish not applied to the fixture head.
- 5- For additional height, contact factory Longer lead time may apply

# MOUNTING INFORMATION

# **OPTIONS DETAILS**





Button thermal photocontrol mounted on the top of the fixture as shown

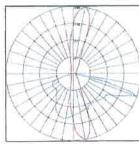


Ground fault circuit interruption flush



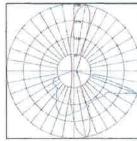
# BVA11B/BVA12B SERIES Bellevue

# TYPICAL PHOTOMETRY SUMMARY



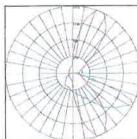
# BVA11B-L1L24-TYP1

Delivered lumens 2635 lumens Power consumption 30.5W Efficacy 87 Lumens/Watt Maximum Candela 1466 @ 80°H/70°V BUG BI-U0-GI



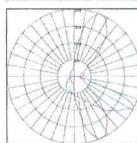
# BVA128-L2L40-TYP1

Delivered iumens 4274 lumens Power consumption 46 3W Efficacy 92 Lumens/Watt Maximum Candeia 2364 @ 80°H/70°V BUG 82-U0-G1



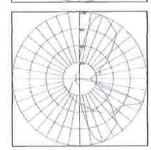
# BVA11B-L1L24-TYP2

Delivered lumens : 2345 lumens Power consumption 30.5W Efficacy . 77 Lumens/Watt Maximum Candela . 1195 @ 684 l/62°V BUG : BI-JO-GO



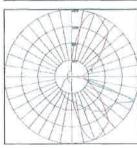
# BVA12B-L2L40-TYP2

Delivered iumens : 3780 lumens Power consumption 46,3W Efficacy : 81 Lumens/Watt Maximum Candeia : 2438 @ 68°H/62°V BUG B1-U0-G1



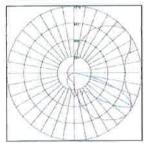
# BVA11B-L1L24-TYP3

Delivered lumens 2145 lumens Power consumption 30 5W Efficacy = 70 Lumens/Watt Maximum Candela = 1195 @ 70°H/68°V BUG = B1-U0-G0



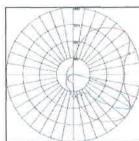
# BVA12B-L2L40-TYP3

Delivered lumens 3445 lumens Power consumption 46.3W Efficacy 75 Lumens/Watt Maximum Candela 1937 @ 70°H/68°V BUG BI-U0-G1



# BVA11B-L1L24-TYP4

Delivered lumens 1976 lumens Power consumption 30.5W Efficacy : 65 Lumens/Watt Maximum Candela 1216 @ 38\*H/60\*V BUG -B1-U0-G1



# BVA12B-L2L40-TYP4

Deivered lumens 3186 lumens Power consumption 46.3W Efficacy 69 Lumens/Watt Maximum Candela 1961 @ 38°H/60°V BUG : BI-UO-G1

# LUMEN CONVERSION FACTOR (LCF)

ССТ	LCF	CRI		
2700K	0.91	80		
3000K	0.94	80		
3500K	0.98	80		
4000K	1.00	80		



# 520 Sentinel

Project:	 	 	 
Location:	 	 	 

**Catalog Number** 

MODEL

WATTS

FINISH

OPTION(S)

Example: 520-1LED14-BLK-40K

520



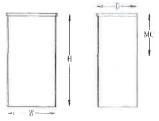
Small and compact, with a powerful downward punch of light and direct cutoff, the Sentinel is a very efficient luminaire. Utilizing an LED source, this product is perfect for porches and outdoor staircases as well as grazing desirable walls.

# Features:

- Small compact fixture provides ample amount of downlight
- Brushed aluminum or painted finish
- Custom laser cut images available. Consult factory for pricing
- Bottom lens standard
- Compliant with all ADA requirements
- Standard 0-10V dimming driver, 120-277V MVOLT
- Listed and approved for wet locations
- Manufactured in the USA

Di	m	er	ารโ	a	ns

Width Height Depth
5" 9" 4"





A 4" octagonal junction box should be used for installation MC = Mounting Center, located at center of fixture unless noted otherwise

# Ordering Information/Options

Model	Watts		Finishes		Option	
520	1LED9	1100 Lumens	WHT	White	PC	Photo Cell
	1LED14	1550 Lumens MVOLT	BLK	Black	30K	3000 Kelvin Temperature
	1LED19	2000 Lumens	SAL	Silver	35K	3500 Kelvin Temperature
			BRZ	Bronze	40K	4000 Kelvin Temperature
			BA	Brushed Aluminum		



PHONE: 509.924.0243

www.indessa.com









# VIA 4 SEAL

# PENDANT

DIRECT, DIRECT/INDIRECT

STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES



# LUMENWERX



Project.

Type:

# DESCRIPTION

Sealed with silicone gaskets. Via Seal fixtures are intended for wet locations and can be pendant, surface, wall, or recessed mounted. They can act alone as discrete luminaires, or be arranged in continuous lines or patterns. Via 4 Seal is suitable for wet locations where temperatures are moderate and in which spaces are regularly wiped down and frequently in contact with debris and/or moisture. The fixture can be used to create continuous, unbroken lines of light. Via 4 Seal is also offered as Wet Listed certified by ETL (Electrical Testing Laboratories), in which case, it is able to withstand smaller particles of debris and light water infiltration. Via 4 Seal Wet Listed can also be used to create continuous lines of light, but with subtle breaks at 12-foot increments. See separate spec sheets for patterns and other available mountings

For latest information on sonsors ellesc



IMPORTANT Eutoro musi be installed facing slown

**IK05** 





# Up to 117 lm/W performance

# Order Guide

LUMINAIRE ID	DISTRIBUTION	ENVIRONMENT	DIRECT OPTIC	INDIRECT OPTIC Specify NA for Direct Leture	LIGHT SOURCE '
V4SEALP					
V4SEALP Via 4" Seal Pendant	D Direct DI1 Direct/Indirect	WETL 1 Wet Suitable (IP44) WETL 14 Wet Listed (IP54)	EPDO = Environmentally Protected Direct	EPIO - Environmentally Protected Indirect Optic ASIO 1 Asymmetric Soft	SW - Static white BIOSST - Static biologically optimized lighting
	Not available with WETL option	See page 4 for more information on each environment option Suitable to cuttion environments only when installed under canopy. Not suitable for extreme weather environments. Consult factory for low temperature applications. Can be slightly exposed to water. A minimal shadow line visible at every 12. Not available with Directionalies.	Optic  ASDO  Asymmetric  Soft Direct  Optic	Indirect Optic WIO2 5 - Widespread Indirect Optic NA - Not applicable	BIOSDY - Dynamic biologically optimized lighting  **Chromawers Sola and Duo also available Consult other spec sheet

CRI	DIR. LUM. PACK.	INDIR LUM PACK  pecify NA fr   Direct Lytsire	COLOR TEMP	LUMINAIRE LENGTH	VOLTAGE	DRIVER
80 80 CRI 90° 90 CRI Not available with BiOS	500 Low output 500 Im/ft 750 • Medium output 750 Im/ft 1000 • High output 1000 Im/ft Not available with BIOS	500 - Low output 500 lm/ft 750 * Medium output 750 Im/ft 1000 * High output 1000 Im/ft NA Not applicable *Not ava-able with 8-05	27 10 2700K 30 3000K 35 3500K 40 4000K 50 10 5000K No: available with BIOS	#FT#IN III. Specify nominal length (II) in 1' and/or 1" increments  Standard nominal lengths: Single units 2' 12 Continuous runs lengths over 12'  Minimum 3' for Direct/indirect models With BIOSEY, specify in 2' increments only	120 - 120V 277 - 277V UNV 120V-277V 347 <sup>13</sup> 3/7V	D1 - 1% 0-10V  DA <sup>16</sup> - DALI  LTEA2W <sup>16</sup> - Lutron 1% - 2 wire FP 120V  LDE1 <sup>16</sup> - Lutron Hi-lume 1% Eco  ELD1 - eldoLED 1% ECOdrive 0-10V  ELD0 - eldoLED 0.1% SOLOdrive 0-10V  LTD10 <sup>17</sup> - Low temperature 10% 0-10V  Da8 (Power over Ethernot) compatible  Consult factory for details  On site commissioning is required.  Available with 120V only  Suitable for temperatures down to 40°C/7

ELECTRICAL	ELECTRICAL SECTIONS (optional) 37.74	POWER FEED	MOUNTING *	FINISH	OPTIONS
		TF			
IC =1 circuit 2C ** 2 circuits #MC ** - Multi circult EC Emergency-powered fixture NL Night light fixture DL Daylight fixture GTD ** 3-3 - Concrator transfer device fixture	#EC## <sup>25</sup> - Emergency powered section #NL## <sup>25</sup> Night light section #DL## <sup>20</sup> Daylight section #GTD## <sup>20, 20, 20</sup> - Generator transfer device section #EMB <sup>20, 20, 20</sup> - Emergency battery NA - None	: <b>TF</b> - Top feed	STS Stem, standard STC() Stem custom See page 2 for ordering details	W Matte white AL Aluminum WA White antimicrobial Silverwerx CF# Custom finish, specify	NATA Natatorium finish CRF Corrosion resistant finish
"Available for Direct/Indirection y Separate direct and indirect circuits." Specify total number of a routs (#), including any circuits required for a colorial systion options. Provide diawing or ayout specifications. Minimum 4 section per circuit. Minimum 4 (https://www.nct.org/indirections.com/periodical-diawing-not-diawing-diawin	Specify With multi-creat (BMC) electrical action only. Provide arawing or layout specifications Consult factory follother configurations. Detault section length is 4. Specify quantity (B), and section length in inches (BB). Minimum 4 section. Not available with 347V. Not available for environments where the amplication because falls below 0°C (32°C). Specify quantity (n). A Libattories will be on the same siles it. Each battery powers a 4-section. For Error Merillic Commissions B' fixture.			RAL#	NA None







# VIA 4 SEAI

LUMENWERX

PENDANT

DIRECT, DIRECT/INDIRECT

STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES

# Pendant Mounting Code

# Standard

For a standard mounting, please refer to the information below.

# STS - Stem, standard

Ø5" for power canopy

Ø5" for non-power

Canopies are white

Stem finish is the same color as fixture

Stem length is 18"

Stem is not field adjustable

# Custom

# Stem

For a custom mounting, specify the options in the parentheses

Example STC(5NPC-36-W-STW-SLS)

MOUNTIN	16				
STC()					
	NON-POWER CANOPY SIZE	STEM LENGTH	CANOPY FINISH	STEM COLOR	OPTIONS
STC	SNPC - Ø5" non-power canopy	18 - 18" 36 - 36" # 1 - Specify length in inches	W - White AL - Aluminum B - Black CF# - Custom finish,	STW - White STAL - Aluminum STB - Black STCF# - Custom finish,	SLS - Sloped ceiling for stem NA - None
		Minimum length is 6". Maximum length	specify RAL#	specify RAL#	









# VIA 4 SEAL

# LUMENWERX

PENDANT DIRECT, DIRECT/INDIRECT STATIC WHITE, BIOS ST/DY VIA WEATHER SERIES

# Section Views



























# VIA 4 SEAL

# LUMENWERX

PENDANT DIRECT, DIRECT/INDIRECT STATIC WHITE, BIOS ST/DY VIA WEATHER SERIES

### **Environment Options**

The Via Weather Series offers four levels of protective scaling. Level 1, Level 2, Level 3, and Lovel 4. Via 4 Seal is available with two environment options. Wet Suitable (WET) at Level 1, and Wet Listed (WETL) at Level 2. For other levels of protective sealing, please see Via Wet spec sheets for Level 3, and Via Splash spec sheets for Level 4

FEATURES
Directind (set distribution
Indoor application that requires wipe down
Ourclear application with restrictions under canopy anly
Outdoor application with restrictions under carepy, slightly a pased
Water and dust protected

(IP44) (WET)	(IPS4) (WETL)
•	•
•	×
•	•
•	•
•	•
×	•
•	×
•	•
x	•
•	•
•	X
X	•







# VIA 4 SEAL

# LUMENWERX

PENDANT

DIRECT, DIRECT/INDIRECT

STATIC WHITE, BIOS ST/DY

### Photometrics

MULTIPLIER TABLE

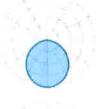
Please follow the multiplier table to ensure correct lumen value CCT and CRI, will change the lumen output

Multiplier - CCT/CRI

CCT (K)	WA	TTS	LPW					
	CHI 80	CRI 90	CHI 80	CH( 90				
2700	106	1.27	094	079				
3000	102	1.23	098	0.81				
3500	100	1.19	100	0.84				
4000	100	118	100	0.85				
5000	0.95	1.12	105	0.89				

#### DIRECT







#### EPDO - Delivered Lumens at 40K at 80 CRI

LUMENS PER FOOT	TOTAL LUMENS PER 4FT	INPUT WATTS	LPW
500	2000	19.8	101
750	3000	307	98
1000	4000	423	95

ASDO - Delivered Lumens at 40K at 80 CRI

LUMENS PER FOOT	TOTAL LUMENS PER 4FT	INPUT WATTS	LPW
500	2000	17.7	113
750	3000	279	107
1000	4000	39	103







# IA 4 SFAL

# LUMENWERX

PENDANT

DIRECT, DIRECT/IND:RECT

STATIC WHITE, BIOS ST/DY

### Photometrics

Delivered lumens at 40K at 80 CRI for all optics.







EPDO - EPIO

EPDO - ASIO

EPDO WIO2

### DIRECT/INDIRECT WITH ASDO

Delivered lumens at 40K at 80 CRI for all optics.







LM/FT		NON	IINAL AFT	TOTAL	INPUT	EPW
Ö	- 10	D	11	LM/4FT	WATTS	
PDO	EPIO					
	500		2000	4000	404	99
500	750	2000	3000	5000	52 4	95
	1000		4000	6000	65.5	92
	500		2000	5000	513	97
750	750	3000	3000	6000	63.3	95
	1000		4000	7000	76.4	92
	500		2000	6000	62.9	95
1000	750	4000	3000	7000	749	93
	1000		4000	8000	880	91
PDO	ASIO					
	500		2000	4000	36.7	109
500	750	2000	3000	5000	463	108
	1000		4000	6000	56.6	106
	500		2000	5000	476	105
750	750	3000	3000	6000	572	105
	1000		4000	7000	675	104
	500		2000	6000	59.2	101
1000	750	4000	3000	7000	68.8	102
	1000		4000	8000	79.1	101
PDO	WIO2					
	500		2000	4000	36.4	110
500	750	2000	3000	5000	459	109
	1000		4000	6000	55.9	107
	500		2000	5000	473	106
750	750	3000	3000	6000	56.8	106
	1000		4000	7000	66.8	105
	500		2000	6000	58 9	102
1000	750	4000	3000	7000	68 4	102
	1000		4000	8000	78 4	102

		VET NOMINAL LM/AFT		TOTAL	INPUT	LPW
D	1	Þ		LM/4FT	WATTS	
ASDO	EPIO					
	500		2000	4000	38 3	104
500	750	2000	3000	5000	503	99
	1000		4000	6000	63 4	95
	500		2000	5000	485	103
750	750	3000	3000	6000	605	99
	1000		4000	7000	73 6	95
	500		2000	6000	596	101
1000	750	4000	3000	7000	716	98
	1000		4000	8000	847	94
ASDO	ASIO					
	500		2000	4000	346	116
500	750	2000	3000	5000	442	113
	1000		4000	6000	54.5	110
	500		2000	5000	44 8	112
750	750	3000	3000	6000	54.4	110
	1000		4000	7000	647	108
	500		2000	6000	55,9	107
1000	750	4000	3000	7000	65.5	107
	1000		4000	8000	75.8	106
ASDO	WIO2					
	500		2000	4000	34.3	117
500	750	2000	3000	5000	438	





53.8

55,6







PENDANT DIRECT, DIRECT/INDIRECT STATIC WHITE, BIOS ST/DY

### Technical Specifications

#### DIRECT OPTICS

#### **Environmentally Protected Direct Optic (EPDO)**

The Environmentally Protected Direct Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. This extruded snap-in lens has a gasket to ensure proper sealing. The lens is 1/16" thick and made of frosted polycarbonate. Internally, white, side kicking reflectors guide the light through the lens. The EPDO suits moderate climate environments.

#### Asymmetric Soft Direct Optic (ASDO)

The Asymmetric Soft Direct Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. This extruded snap-in lens has a gasket to ensure proper sealing. The lens is 1/16" thick and made of frosted polycarbonate. Internally, white, side kicking reflectors specifically angled to guide the light through the lens to create a nice asymmetric distribution. The ASDO suits moderate climate environments.

## LUMENWERX

#### MOIRECT OPINS

#### **Environmentally Protected Indirect Optic (EPIO)**

The Environmentally Protected Indirect Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. The lens is 1/16" thick and made of frosted polycarbonate. This extruded snap-in lens has a gasket to ensure proper sealing. The EPIO suits moderate climate environments.

#### Asymmetric Soft Indirect Optic (ASIO)

The Asymmetric Soft Indirect Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. The lens is 1/16" thick and made of clear polycarbonate. This extruded snap-in lens has a gasket to ensure proper sealing. The total internal reflection and surface scattering optic is specifically angled to guide the light through the lens to create a nice asymmetric distribution. The ASIO suits moderate climate environments.

#### Widespread Indirect Optic (WIO2)

The Widespread Indirect Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. The lens is 1/16" thick and made of clear polycarbonate. This extruded snap-in lens has a gasket to ensure proper sealing. The total internal reflection and surface scattering optic offers an impressive 160° spread. WIO2 creates an even illumination for smooth brightness on the ceiling that can achieve uniformity ratios of up to 2:1. The WIO2 suits moderate climate environments

#### Uniformity [max/min]

Based on 18' continuous runs, in a 20' x 40' room, 10' wall height

Mounting height from	(Ce	Spacing enter to cent	er)
ceiling	8'	10'	12'
24"	3.0	5.5	8.0
36"	20	3.0	4.5
48"	2.0	2.0	3.5









Lumenwork reserves the right to modify

# IA 4 SFA

PENDANT DIRECT, DIRECT/INDIRECT STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES

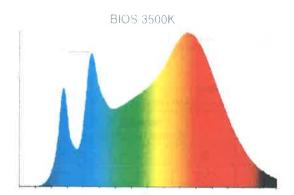
#### I B HI SOUTH E

Custom linear array of mid-flux LEDs are cartridge-mounted with quick-connect wiring to facilitate service and thermal management Available in 2700K, 3000K, 3500K, 4000K and 5000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM\_LEDs operated at reduced drive current to optimize efficacy and lumen maintenance.

All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated



BIOS SkyBlue™ Technology is designed to provide the specific circadian stimulus to improve overall sleep quality, recovery during the night, and overall feelings of well-being, The non-visual light signals that stimulate our circadian system have peak intensity in the "sky blue" region. As the diagram below illustrates, BIOS SkyBlue technology shifts the peak LED spectral intensity (490 nm) to align better with the peak response of circadian stimulus. Also note the enhanced deepred (near 660 nm) spectrum.



## LUMENWERX



WELL for Light - The WELL building standard focuses on light quality in several features. There are three categories that are fully attributed to the construction and features of a luminaire. In WELL V1, it's Feature 54 Circadian Lighting, Feature 55 Glare Control, and Feature 58 Color Quality In WELL V2, it's Feature L03 Circadian Lighting, Feature LO4 Glare Control, and Feature LO7 Electric Light Quality.

This fixture meets Features:

- Feature 54 or LO3 when BIOS LED is selected
- Feature 55 or LO4 meets WELL glare category (c-d) (not applicable with 1000 lm/ft)
- Feature 58 or L07 when 90 CRI is selected

All LED drivers used at Lumenwerx are deemed to have a low risk level of flicker, of 5 % or less below 90Hz operational as defined by IEEE standard 1789-2015 LED.



WELL for Mind -This luminaire meets WELL for mind as it is a human centric luminaire offering quality light, excellent color, and smooth optics. If any of these features are incorporated in a luminaire, it can improve the ability to focus, concentrate, and persist longer on a given task. This fixture harmoniously operates in a space to assist the mind.

For more information, please contact well@lumenwerx.com

Via 4 Seal is available in standard lengths of 2' to 12'. Continuous runs are available for run lengths over 12'. Exact run length must be noted in the product code. The minimum length is 2' for Direct fixtures, and 3' for Direct/Indirect fixtures, Lengths can be ordered in 1' and/or 1" increments. All individual sections are joined together onsite using the joiner kits provided. Lumenwerx joiner kits are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.

The Direct/Indirect fixtures with the Wet Suitable (WET) option feature a weep hole situated in the end cap. Water and moisture that enters the fixture will be expelled through this hole.













# IA 4 SFA

PENDANT

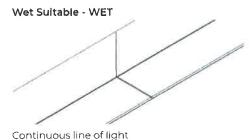
DIRECT, DIRECT/INDIRECT

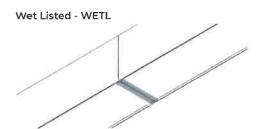
STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES

#### MBIERE DIMINIST

All individual sections are joined together onsite using the 1/4"-20 screws and nuts provided. With the Wet Suitable (WET) option, the junction between two adjacent sections creates a continuous line of light without shadows. With the Wet Listed (WETL) option, the junction between two adjacent sections is sealed with a silicone gasket, creating a slight visible break in the line of light every 12 ft.





Visible break in line of light

#### ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277VAC) input. Dirnmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max, ambient (and 70°C max, case) temperature. At maximum driver load, Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume 1% (specify 2-wire, or Ecosystem Dim-to-Off), eldoLED 1% ECOdrive 0-10V, eldoLED 01% SOLOdrive 0-10V, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant. An optional lowtemperature 10% 0-10V driver, suitable for temperatures down to -40°C/F is also available.

#### DOF

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module, Factory programming of the PoE node may or may not enable the following functionalities: lumen package, Duo (tunable white), emergency battery backup, and sensor integration. These must be addressed and evaluated on a caseby-case basis

## LUMENWERX

#### ELECTRICAL SECTION OF CHIS

Electrical section options are available for fixtures specified as multi circuit (#MC). With MC, specify the total number of circuits (#), including any circuits required for optional electrical sections. A drawing is required to specify the layout. Please consult factory for custom configurations

#### Electrical sections

Options include emergency-powered light (#EC##), night light (#NL##), daylight (#DL##), and generator transfer device (#GTD##) sections. Specify the quantity (#), as well as the section length in inches (##).

Example 1: A 32' Direct fixture with two 8' emergency light sections on a second circuit.

Code 2MC-2FC96

Example 2: A 16' Direct/Indirect fixture with separate circuits for direct and indirect, and with one 4' night light section on the direct side on a third circuit.

Code: 3MC-1NL48

Example 3: A 24' Direct fixture with one 4' generator transfer device section.

Code: 1MC-1GTD48

#### **Battery**

Each emergency battery (#EMB) powers a 4' section. All batteries will be on the same circuit. Specify the number of patteries (#) required.

Factory installed long life, high temperature, maintenance-free Lithium-ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 1000 lumens per 4' (25°C) emergency lighting output and recharge time of 24 hours. Suited for ambient temperatures of 0°C (32°F) to 55°C (131°F)

#### Generator Transfer Device (GTD)

A UL924 listed shunt relay that can bypass both line voltage (120-277V) and 0-10V dimming signal. Suited for ambient temperatures of 0°C (32°F) to 60°C (140°F).

LED arrays and drivers are accessible through the optical chamber and easily replaced









# IA 4 SFA

# LUMENWERX

#### PENDANT

DIRECT, DIRECT/INDIRECT

STATIC WHITE, BIOS ST/DY

#### VIA WEATHER SERIES

#### MOUNTING OPTIONS

Fixtures can be stem-mounted. Unless otherwise specified, Lumenwerx provides the following hardware:

Standard stem option (STS) - Canopies are white, Ø5" for both power and non-power. Stem finish is the same color as fixture. Stem length is 18". Stem is not field adjustable. For all other options, see the mounting code on page 2.

Interior - 95%, reflective matte powder coated white paint Exterior - Powder-coat paint in matte white or aluminum. Custom finishes are also available. Optional antimicrobial finish

#### CONSTRUCTION

Housing - Extruded aluminum (0.095" nominal) up to 90% recycled content

Interior brackets - Die-formed cold rolled sheet steel 18 gauge thick

Joining system (WETL) - 16 gauge steel joiners and closed-cell silicone foam joiner gasket

Reflectors - Cold rolled steel 0.024" thick precisely die-formed, 95% reflective matte white painted

End cap - Die-cast aluminum (0.100" nominal)

End cap gasket - 1/16" closed-cell silicone foam

Direct	Direct/Indirect
4ft - 15.0 lbs - 6.8 kg	<b>4ft</b> - 17.2 lbs - 7.8 kg
8ft - 27.6 lbs - 12.5 kg	<b>8ft</b> - 32.8 lbs - 14.9 kg
12ft - 401 lbs - 18.2 kg	<b>12ft</b> - 48.5 lbs - 22 kg

#### CERTIFICATIONS

ETL - WET environment option is rated for dry/damp locations. WETL environment option is ETL Wet Listed. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0. During the installation of WETL fixtures, the contractor is responsible for properly sealing all mounting and electrical connection points

IK05 - Impact resistance rated to IK05.

#### WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.

3737 Cole Vertu St-Laurent, Quebec Canada H4R 2C9

F (514) 225-4304 F (514) 931-4862

MAY A EULINOPEN OF COST









**COMPLIMENTARY PRODUCTS** 



Luminaire Type: Catalog Number:









# **General Illumination Square Downlight**

Multiple Layers of Light



#### Feature Set

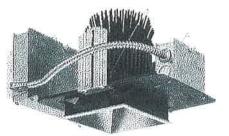
- Bounding Ray™ optical design
- Unitized optics mechanically attach the light engine to the lower reflector for complete optical alignment.
- · 45° cutoff to source and source image
- · Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- · 2.5 MacAdam Ellipse; 85 CRI typical, 90+ CRI optional
- · Fixtures are wet location, covered ceiling

#### Available with 10% dimming, 1% dimming, or dim to dark

- Batwing distribution with feathered edges provides even illumination on horizontal and vertical surfaces
- ENERGY STAR® certified product
- UGR of zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1995 Discomfort Glare in Interior Lighting. <u>UGR FAQ</u>



250 lumens - 4500 lumens



5000 lumens - 17500 lumens





#### **Superior Perfomance**

Nominal Lumens	250	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000	8000	8000	10,000	12,000	15,000	17,500	
Delivered Lumens	318	557	832	1067	1500	2153	2723	3302	3801	4322	4865	5588	6852	8696	11237	13093	16051	18806	
Wattage	3.4	6.2	8.2	9.6	14.7	19.7	24.7	29.5	33.8	39.0	47.3	48.6	57.6	74.7	96.9	115.1	144.3	175.3	
Lumens per	93.5	89.8	101.5	111.1	102.0	109.3	110.2	111.9	112.5	110.8	102.9	115.0	119.0	116.4	116.0	113.8	111.2	107.3	

<sup>\*</sup>Lumen Output for 80CRI - 3500K CCT - Clear LSS Reflector \*Based on 3500K AR LSS MWD 80CRI

#### **Coordinated Apertures | Multiple Layers of Light**







High Center Beam Layer I Incito



EVO + Incito --- Multiple Layers of Light





Luminaire Type: Catalog Number:

#### EXAMPLE: EV06SQ 35/150 AR LSS MVOLT EZ1

Series	Color	Temperature	Non	Nominal Lumen Values		Reflector &	Flange Color	Trim Sty	le	
EVOGSQ	27/ 30/ 35/ 40/ 50/	2700 K 3000 K 3500 K 4000 K 5000 K	02 05 07 10 15 20 25 30 35	250 lumens 500 lumens 750 lumens 1000 lumens 1500 lumens 2000 lumens 2500 lumens 3000 lumens	40 45 50 60 80 100 120 150	4000 lumens 4500 lumens 5000 lumens 6000 lumens 8000 lumens 10000 lumens 12000 lumens 15000 lumens	AR PR WTR GR WR' BR' WRAMF' TRALTBD'2 TGPC	Clear Pewter Wheat Gold White Black White Anti-microbial RAL paint for pricing only Custom paint color	(blank) FL	Self-flanged Flangeless

Finish	Voltage	Driver*		Control Interfa	ice
LSS Semi-specular LD Matte-diffuse	MVOLT 120 277 347 <sup>2,3</sup>	GZ10 GZ1 EZ1 EZB EDAB <sup>5</sup> EDXB <sup>5</sup>	0-10V driver dims to 10% 0-10V driver dims to 1% eldoLED 0-10V ECOdrive. Linear dimming to 1% min. eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%. eldoLED SOLOdrive DALI. Logarithmic dimming to <1%. eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Includes termination resistor. Refer to DMXR. Manual Minimum 1000 lumens/Maximum 15000 lumens. Lutron Ecosystem digital Hi-Lume 1% soft-on, fade to black, Max: 4000LM.	NLTS NLTER28.9 NLTAIR213.14 NLTAIRER22.8.13 NLTAIREM22.13	nLight® dimming pack controls nLight® dimming pack controls emergency circuit nLight® AIR enabled nLight® AIR enabled emergency nLight® AIR Dimming Pack Wireless Controls Controls fixtures on emergency circuit with battery pack options.

Emergency	Option	Options	
EL ELR ELSD Elrsd E10WCP E10WCPR BGTD	Emergency battery pack, 10W, with integral test switch Emergency battery pack, 10W, with remote test switch Emergency battery pack, 10W, with self-diagnostics, integral test switch Emergency battery pack, 10W, with self-diagnostics, remote test switch Emergency battery pack, 10W Constant Power, CA Title 20 compliant with integral test switch Emergency battery pack, 10W Constant Power, CA Title 20 compliant with remote test switch Bodine generator transfer device. Specify 120V or 277V.	SF TRW' TRBL' FRALTBD' FCPC N80'' GTD 90CRI CP'' HA0'2 RRL	Single fuse. Specify 120V or 277V. White painted flange Black painted flange Flange ring only RAL color for pricing only Flange custom paint color nLight® Lumen Compensation generator transfer device. Specify 120V or 277V High CRI (90+) Chicago Plenum. Specify 120V or 277V for 5000lm and above. HAO High ambient option (40°C) RELOC® ready luminaire connectors enable a simple and consistent factory installed option across all ABL juminaire brands. Available only with RRLA, RRLB, RRLAE, and RRLC12S. Refer to RRL spec sheet on www.acuitybrands.com for RELOC® product specifications. Above ceiling access required.

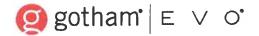
#### ACCESSORIES — order as separate catalog numbers (shipped separately)

ISD BC 0-10V wallbox dimmer. Refer to ISD-BC

#### ORDERING NOTES

- 1. Not available with finishes.
- Replace with applicable RAL number and finish when ready to order. See <u>RAL BROCHURE</u> for available color options. Not available with emergency battery pack options.
- Not available with emergency Battery Pack options.
- Supplied with factory installed slep down transformer.
   Refer to <u>TECH-240</u> for compatible dimmers.
- 6 Not available with nLight\*.
- 7. Specify voltage
- For use with different reflector finish only (i.e. AR, PR, WTR, GR options). Not applicable with WR (white reflector) or FL (flangeless) option.
- For use with different reflector finish only (i.e. AR, PR, WTR, GR options). Not applicable with BR (black reflector) or FL (flangeless) option.
- 10. ER for use with generator supply power, Will require an emergency hot feed and normal hot feed.
- 11. Fixture begins at 80% light level. Must be specified with NLT or NLTER, Only available with EZ10 and EZ1 drivers.
- 12. 12,000LM max with EL or nLight\* options. 5,000LM max with Lutron drivers combined with EL. Not available with ELR, HAO, or EXAB, or any nLight® AIR dimming options.
- 13. Only available 5000LM 15,000LM with eldoLED drivers.
- Not available DALI or DMX drivers. Not available with CP or N80 options. Not recommended for metal ceiling installations.
- 15 When combined with the EZ1, EZ10, or EZB option, normal luminaires (non-emergency) can be used as a normal power sensing device for nearby nLight AIR devices and luminaires with EM emergency options.





6"

#### **Optical Assembly**

Optical design is a Bounding Ray<sup>TM</sup> design with 45° cutoff to source and source image. Top-down flash characteristic for superior glare control. Unitized optics shall have mechanical attachment of the light engine to the lower reflector for complete optical alignment.

#### 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. 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 wireless network 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 - 10%, 100 - 1.0% or 100 - 0.1% of rated lumen output with a smooth shut off function to step to 0%.

eldoLED 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

Fully serviceable and upgradeable lensed LED light engine, both the driver and light engine are suitable for field maintenance and are serviceable from above or below the ceiling.

Luminaire housing shall be constructed of 16-gauge galvanized steel and have preinstalled telescopic mounting bars with maximum 32" and minimum 15" extension and 4" vertical adjustment.

High-impact polymer trim shall be constructed with a durable, vapor deposition finish.

Patented adjustable aperture allows ¼" adjustments in all directions and up to 5° of rotation for post-installation adjustment to ensure trim-to-trim alignment. Injection molded mud ring included with flangeless trims. Ships separately. Installs independently of the mounting frame to reduce cracks in plaster due to vibration.

Luminaires shall be suitable for installation in ceilings up to 11/2" thick.

Tool-less adjustments shall be possible after installation.

The assembly and manufacturing process for the luminaire shall be designed to assure all internal components are adequately supported to withstand mechanical shock and vibration.

25°C ambient temperature standard (1/2" clearance on all sides from non-combustible materials in non-IC applications, unless marked spacing noted otherwise). For use in insulated ceilings, a 3" clearance on all sides from insulation is required (unless marked spacing noted otherwise). 40°C high ambient optional.

#### 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, wet location covered ceiling. Luminaire configurations are Energy Star certified through testing in EPA-recognized laboratories, with the results reviewed by an independent, accredited certification organization. Visit <a href="https://www.energystar.gov">www.energystar.gov</a> 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 60,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by a point at the intersection of the CCT line and the black body locus line in CIE chromaticity space.

#### **BUY AMERICAN ACT**

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations, Please refer to <a href="https://www.acuitybrands.com/buy-american">www.acuitybrands.com/buy-american</a> for additional information.

#### Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <a href="https://www.acuitybrands.com/support/warranty/terms-and-conditions">www.acuitybrands.com/support/warranty/terms-and-conditions</a>

#### 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.



## **4** 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



Partially finished mud ring, showing cross-section detail.



An EVO downlight requires only approximately 3" of plaster to finish.



EVO with flangeless trim

#### Flangeless Installation

Gotham's flangeless option utilizes a micro-thin polymer mud ring that minimizes the amount of drywall compound required to finish the ceiling. The end result is a virtually undetectable flangeless downlight installation.

The polymer mud ring is installed independent of the of the recessed frame, therefore floating with the ceiling. This innovation minimizes any surface cracks during reflector installation, ceiling movement and any future service to the recessed frame, wiring, electronics, etc.





	Marked Spac	ing In Inches 25°C Ambie	nt
Lumen Package	Fixed Center to Center MIN	Fixture Center to Build- ing Member MiN	Space Above Fixture
500-5000	None	None	None
6000	24	12	5
8000			11
10000	1	18	
12000	36	10	۵
15000			3
17500	72	36	

Nomenclature	Min Dimming	Oriver Dim Curve	Control Dim Curve
EZ10	10%	Linear	Linear/Logarithmic
EZ1	1%	Linear	Linear/Logarithmic
EXA1	1%	Linear	Linear/Logarithmic
EZB	<1%	Logarithmic	Linear
EDAB	<1%	Logarithmic	Linear
EXAB	<1%	Logarithmic	Linear
EDXB	<1%	Square	Linear

EVO - eldoLED Driver Default Dimming Curve

	Marked Spac	ing In Inches 40°C Ambier	nt
Lumen Package	Fixed Center to Center MIN	Fixture Center to Build- ing Member MIN	Space Above Fixture
5000	24	12	
6000	24	12.	3
8000			
10000	48	24	9
12000	1		
15000	72	36	9

Ma	arked Spacing Chicago Pi	enum Open Frame in Inche	s 25°C Ambient
Lumen Package	Fixed Center to Center MIN	Fixture Center to Build- ing Member MtN	Space Above Fixture
250-5000	None	None	None
6000	24	12	5
8000			11
10000	26	18	
12000	36	10	9
15000			3
17500	72	36	

M	arked Spacing Chicago P	lenum Enclosure in Inche	s 25°C Ambient
Lumen Package	Fixed Center to Center MIN	Fixture Center to Building Member MIN	Space Above Fixture
250-6000	None	None	None
8000	36	18	6
10000	10	24	3
12000	48	24	3

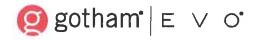
	Driver	(note: 34		ntrol Provided is provided with 34	7 option selected)
Nomenclature	Description	NLT	NLTER	NLTAIR2	NLTAIRER2
GZ10	0-10V driver dims to 10%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
GZ1	0-10V driver dims to 1%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
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	пPS 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

#### How to Estimate Delivered Lumens in Emergency Mode

Delivered Lumens = 1.25 x P x LPW

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

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



6"

\*Dimensions in inches [centimeters]

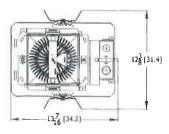
Aperture: 6" (15.2)

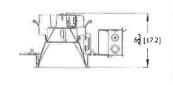
Ceiling Opening: 6-5/8" (16.8) self-flanged

Overlap trim: 7" (17.8) self-flanged

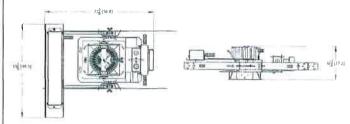
6-3/4" (17.1) flangeless

#### 250LM-5000LM Standard

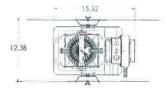




#### 250LM-5000LM Battery Pack

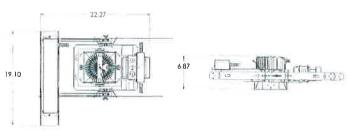


6000LM-8000LM Standard

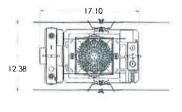


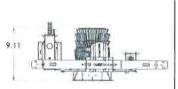


6000LM-8000LM Battery Pack

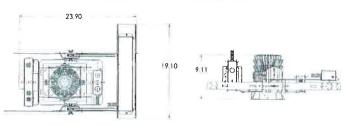


10,000LM-17,500LM Standard

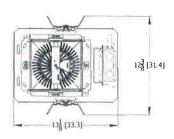


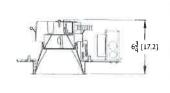


10,000LM-17,500LM Battery Pack

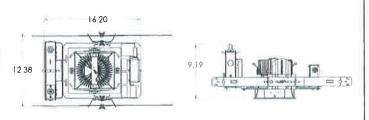


#### 250-5000LM Open Frame CP

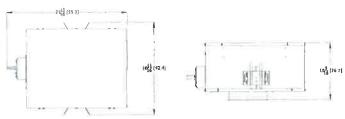




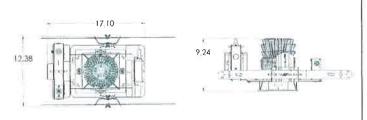
#### 5000 (Lutron & POWER Drive Only) 6000 & 8000 (All) Square Downlight **Open Frame CP**



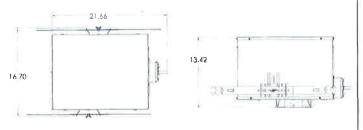
### 250LM-6000LM CP Enclosed with Battery Pack and/or nLight™ Only



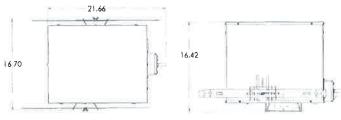
#### 10,000-17,500 Lumen CP



#### 8000 Lumen CP (With Battery Pack & nLight® Only)

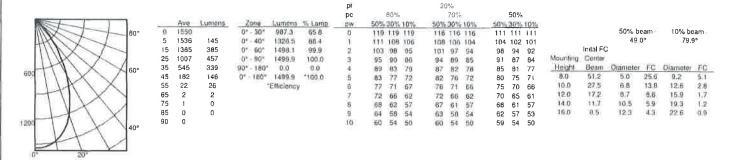


#### 12000 & 10000 Lumen CP (With Battery Pack & nLight® Only)

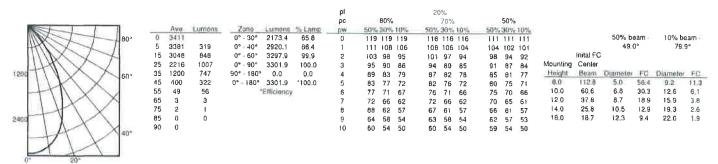




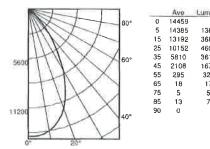
### EV06SQ 35/15 AR LSS, INPUT WATTS: 14.7W, DELIVERED LUMENS: 1500LM, LPW = 102, TEST NO. LTL27900P105



#### EV06SQ 35/30 AR LSS, INPUT WATTS: 29.5W, DELIVERED LUMENS: 3302LM, LPW = 111.9, TEST NO. LTL27900P117



#### EV06SQ 35/150 AR LSS, INPUT WATTS: 144.3W, DELIVERED LUMENS: 15287LM, LPW = 105.9, TEST NO. ISF 34271P264



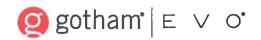
						Pι				20	1/3				
						рс		80%			70%			50%	
_	Ave	Lumens	Zone	Lumens	% Lamp	DW	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	14459		0°-30°	9651.2	63.1	0	119	119	119	116	116	116	111	111	111
5	14385	1360	0° - 40"	13263.1	86.8	1	110	108	105	106	105	104	104	102	101
15	13192	3684	0" - 60"	15257.8	99.8	2	102	98	94	100	97	93	97	94	91
25	10152	4608	0° - 90°	15286.9	100.0	3	95	89	85	93	88	84	91	86	83
35	5810	3612	90° - 120°	0.0	0.0	4	88	82	78	87	B1	77	84	80	76
45	2108	1670	90° - 130°	0.0	0.0	5	82	76	71	81	75	71	79	74	70
55	295	325	90° - 150°	0.0	0.0	6	76	70	65	75	69	65	74	69	65
65	18	17	90° - 180°	0.0	0.0	7	71	65	60	7.1	64	60	69	64	60
75	5	5	0° - 180°	15286.9	*100.0	8	67	60	56	66	60	56	65	60	56
85	13	7		Efficiency	,	9	63	56	52	62	56	52	61	56	52
90	0			,		10	59	53	49	58	53	49	58	52	49

		50% b		10% be	
Mounting Height	Inital FC Center Beam	Diameter	FC	Diameter	FC
8.0	478.0	5.3	239.0	9.6	47.6
10.0	257.0	72	128.5	13.1	25.7
120	160 2	9 1	80.1	16.6	16.0
14.0	109.3	11.1	54.7	20.1	10.9
16.0	79.3	13.0	39.7	23.5	7.9

Lur	Lumen vutput Muttiplier					
CRI	CCT	Multplie				
	2700K	0.96				
	300K	1.00				
80	3500K	1.00				
1	4000K	1 01				
	5000K	1.07				
	2700K	0.80				
	300K	0.83				
90	3500K	0.85				
1	4000K	0.87				
	5000K	0.91				

Reflector Finish M	ultiplier
Reflector Finish	Multiplier
LS - Specular	1
LSS - Semi Specular	0 956
WR - White	0.87
LD - Matte Diffuse	0.85
BR - Black	0.73





6"

nLight® AIR is the ideal solution for retrofit or new construction spaces where adding communication wiring is cost prohibitive. The integrated nLight AIR repr20 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 of 18th AIR

 Wall Switches
 Model Number

 0n/Off single pole
 rPODB (color) G2

 0n/Off two pole
 rPODB 2P (color) G2

 0n/Off & raise/lower single pole
 rPODB DX (color) G2

 0n/Off & raise/lower two pole
 rPODB 2P DX (color) G2

#### nLight® AIR Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

Small motion 360°, ceiling

Large motion 360°, ceiling

CMS 9/rCMS PDT 10

CMS 10/rCMS PDT 10

#### **UL924 Sequence of Operation**

The below information applies to all nLight AIR devices with an EM option.

- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

nLight® 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 neight

Wall Switches

On/Off single pole
On/Off two pole
On/Off & raise/lower single pole
On/Off & raise/lower two pole

### Photocell Controls

imming nCM ADCX

# Possibilites for nLight® AIR





Witte	g Kay
—( <u>Á</u> )—	(B)
bet from	Secreta Ven

#### Possibilites for nLight® wired





# 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

# Winning Reg (A) — (B) — (C) | Sin Proper |



#### **Tory Schulz**

From: Thomas R. Perez, PE <tperez@kapurinc.com>

**Sent:** Tuesday, May 23, 2023 2:02 PM **To:** Tory Schulz; Ryan Birschbach, PE

Subject: FW: [EXT] Bayside Middle School Rain Garden

Tory please forward to Jordan as confirmation MMSD is on board with modifying the GI.

Thomas R. Perez, PE

M: 414 254 8384 O: 414.751 7224

From: Kaminski, Andy <AKaminski@mmsd.com>

Sent: Tuesday, May 23, 2023 1:59 PM

To: Thomas R. Perez, PE <tperez@kapurinc.com>

Cc: Ryan Birschbach, PE <rBirschbach@kapurinc.com>; Nick Tennessen <ntennessen@kapurinc.com>

Subject: RE: [EXT] Bayside Middle School Rain Garden

Tom,

What you summarized is accurate. We would like to update the description of the GI and its retention capacity and extend the date 10 years from when the new GI is complete.

Thanks,

Andy

From: Thomas R. Perez, PE < tperez@kapurinc.com>

Sent: Tuesday, May 23, 2023 12:21 PM
To: Kaminski, Andy <AKaminski@mmsd.com>

Cc: Ryan Birschbach, PE <rBirschbach@kapurinc.com>; Nick Tennessen <ntennessen@kapurinc.com>

Subject: [EXT] Bayside Middle School Rain Garden

Hi Andy.....I am following up on our conversation regarding the GI improvements in the Village of Bayside. As we discussed, a new middle school is being designed for the site directly east of the GI. For safety of operations, we are separating the bus and parent vehicles on the site. The buses will que along King Road and the parents will que on the east side of the site. As part of the bus queuing lane, we will be disturbing the GI that was installed in 2020. I have attached the GI Maintenance doc to this email.

Per our discussion, you had mentioned that as long as we replace the existing GI volumes within our project site, that MMSD would be ok with this. When we have the design options ready, we will run everything past you for your approval.

We are on the agenda for the Architectural review Committee (ARC) coming up in a few weeks. One thing the Village was asking for as part of that submittal was correspondence from MMSD that you were in agreement with the revisions conditional on your approval.

Can you reply to this email and let me know if my comments above are accurate or if there is anything you would like to add.

Thanks	
Tom	

	Thomas R. Perez	, PE	
	Principal / Site Devel	opment Manager	
1	400 E Wisconsin Ave	nue, Milwaukee, Wisconsi	n 53202
	m: 414 254 8384	o: 414.751.7224	kapurinc.com
	An Equal Opportunity /	Affirmative Action Employer	
	W 1		
	#1 Company in the Eyt	ra-Large Category. Read more	here
	wa company in the cat	ra-carge category, Read more	nere.

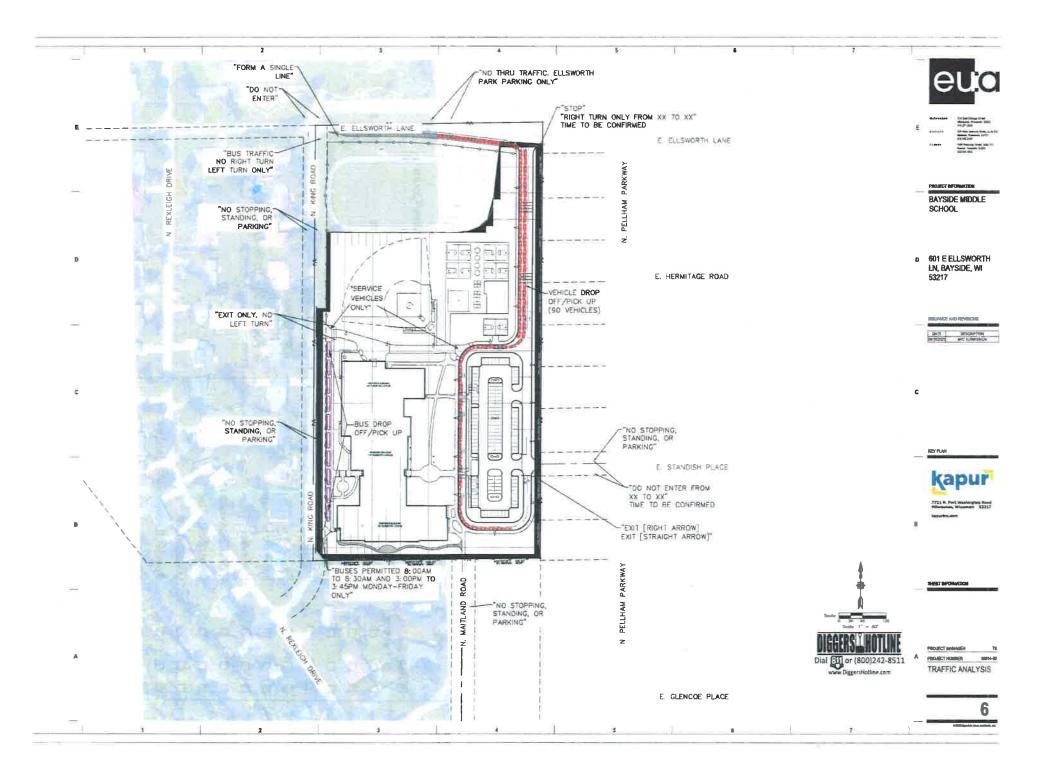
## **Project Proposal**

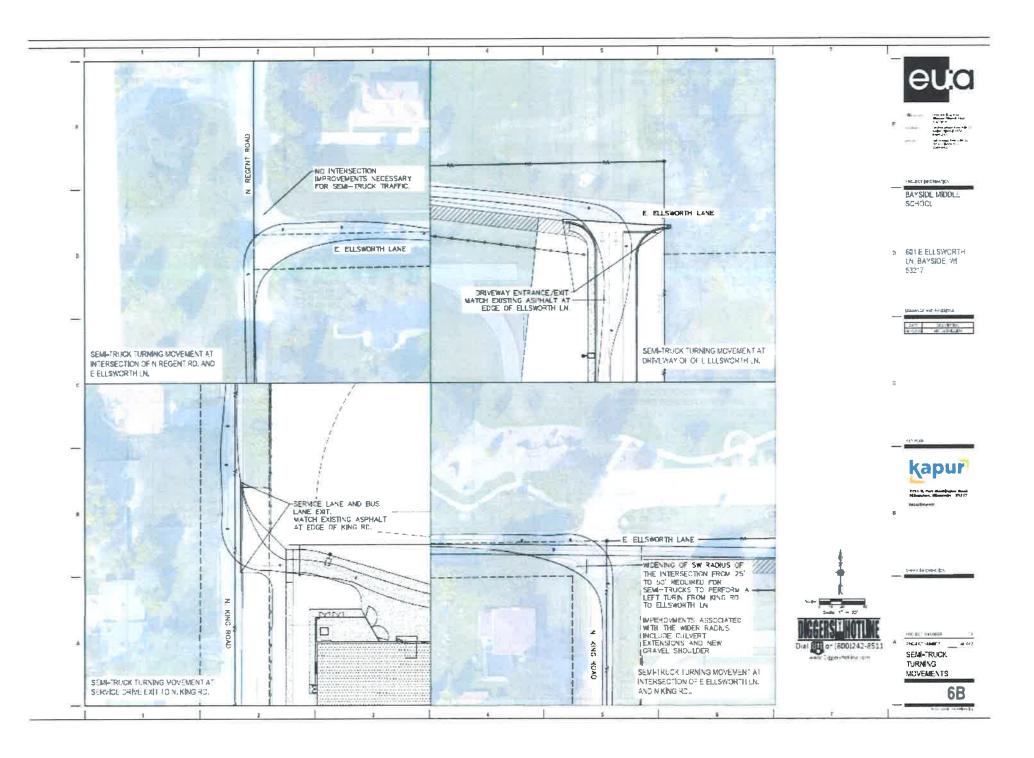
Date 06/01/2023	
Property Address 601 Ellsworth Lane	
Zoning District "C" Residence	

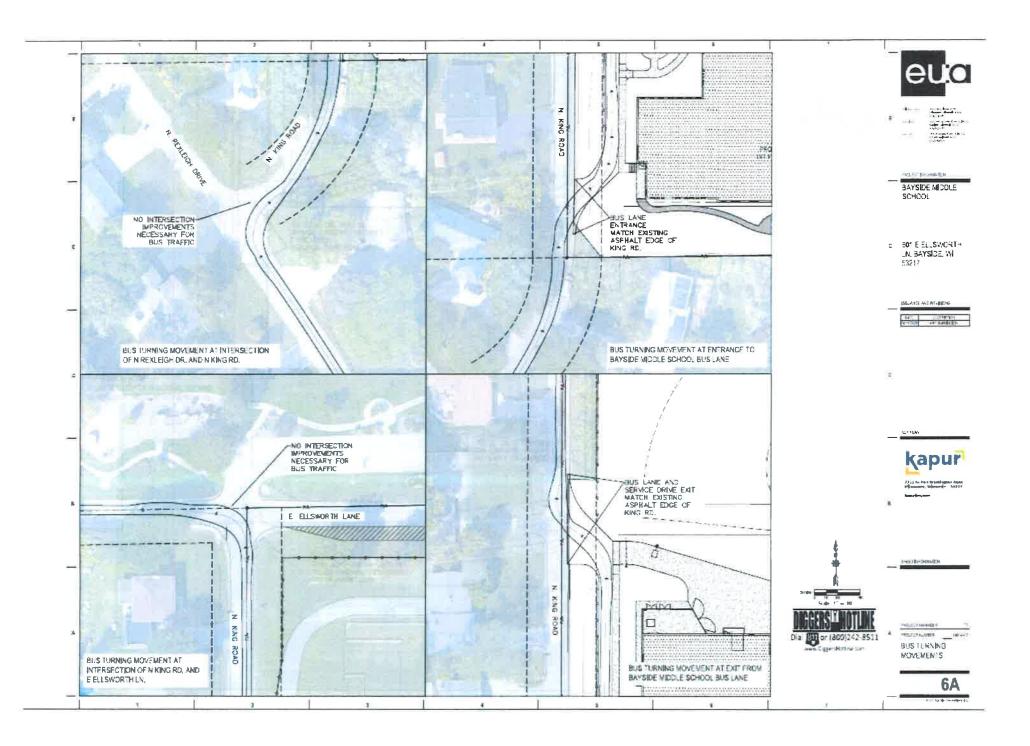
Proposed Project Details (type of work, size, materials, location, etc.):

This package includes information into traffic considerations for new site layout. This package also includes requested post signage and parking signage on-site and off-site as per coordination with the Village staff. Setback calculation and impervious calculations are included. Through coordinating with the Village in adding another entrance lane and shifting the bus lane out of the ROW the impervious surface is higher than the target, however in speaking with the Village and engineers the approach we've coordinated is acceptable.

	风	ARC Agen	da Date: 06/19/2023		Accessory Structures/Generators
	×	Parcel Num	ber: 0219983000		Additions/Remodel
		Color photo	ographs showing project location,		Commercial Signage
		elevations,	and surround views.		Decks/Patios
		Complete d	ligital set of bullding plans	0	Fence
		(including e	elevations and grading).		Fire Plts
		Samples or	brochures showing materials, colors,		Landscaping requiring Impervious
		and designs	<b>3</b> .		Surface/Fill/Excavation Permit
		Survey or M	filwaukee County Land Information		New Construction
		Officer Aeria	al	0	Play Structures
					Recreational Facilities/Courts
PER		S: Payment			Roofs
			Building		Solar Panels/Skylights
			Electrical		Swimming Pools
			Plumbing		Windows/Doors - change exceeds 25% of
			HVAC		opening
0			Fill	図	Other
		0	Impervious Surface	P	ackage 06 - Traffic Analysis
			Dumpster		asinage of manier many in
			ROW/Excavation		
			Conditional Use		
			Occupancy		
		0	Special Exception/Variance		
			ARC		







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	Thomas R. Perez, PE Principal / Site Development Manager
	400 E Wisconsin Avenue, Milwaukee, Wisconsin 53202
1	m: 414 254 8384 o: 414 751 7224 kapurinc.com An Equal Opportunity / Affirmative Action Employer
	#1 Company in the Extra-Large Category. Read more here.

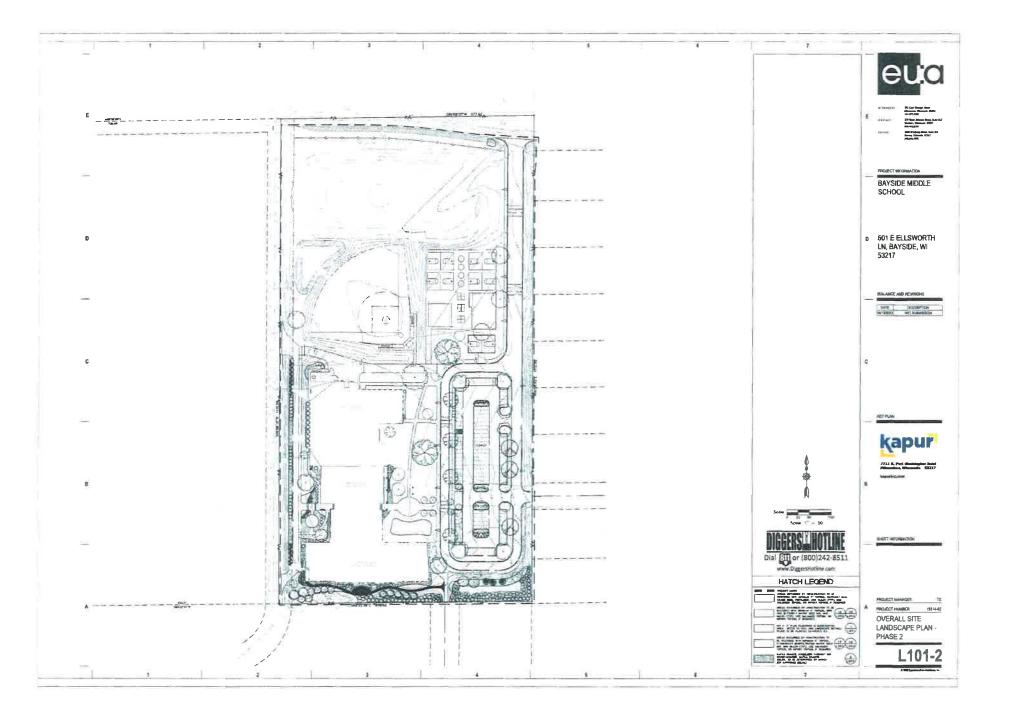
## **Project Proposal**

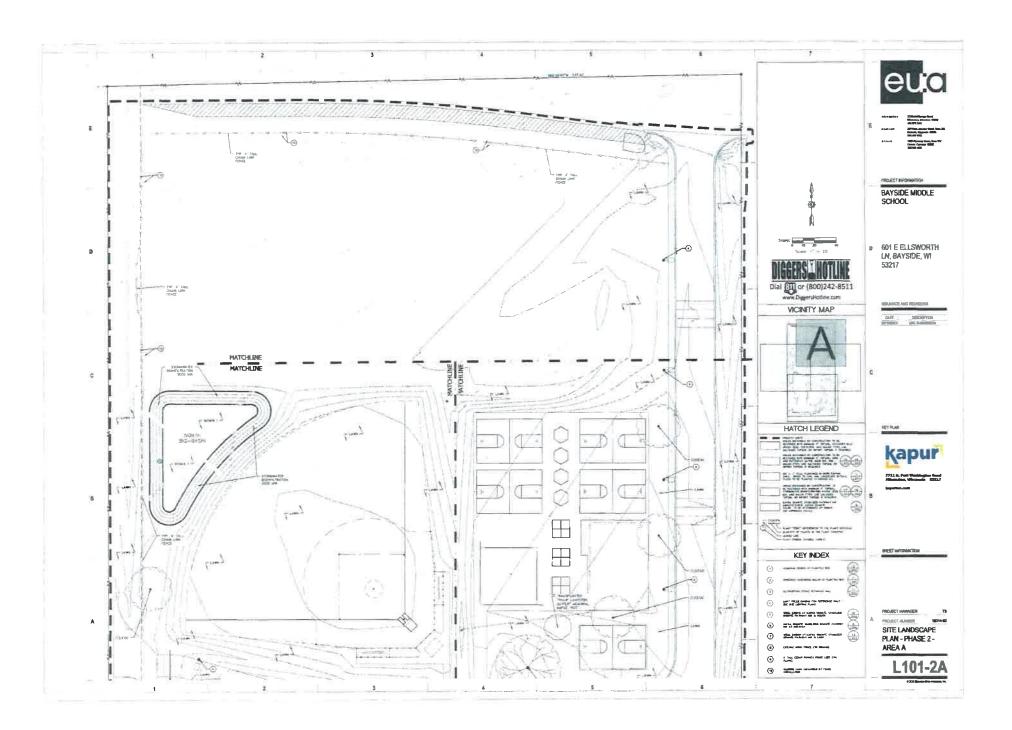
Date 06/01/2023	
Property Address 601 Ellsworth Lane	
Zoning District "C" Residence	

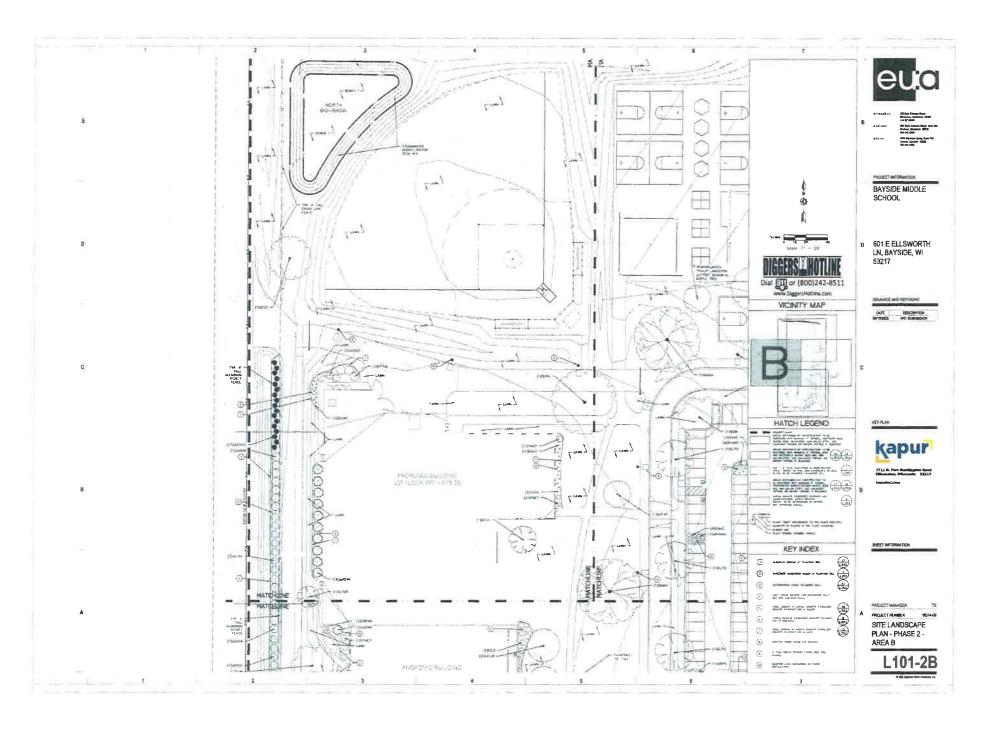
Proposed Project Details (type of work, size, materials, location, etc.):

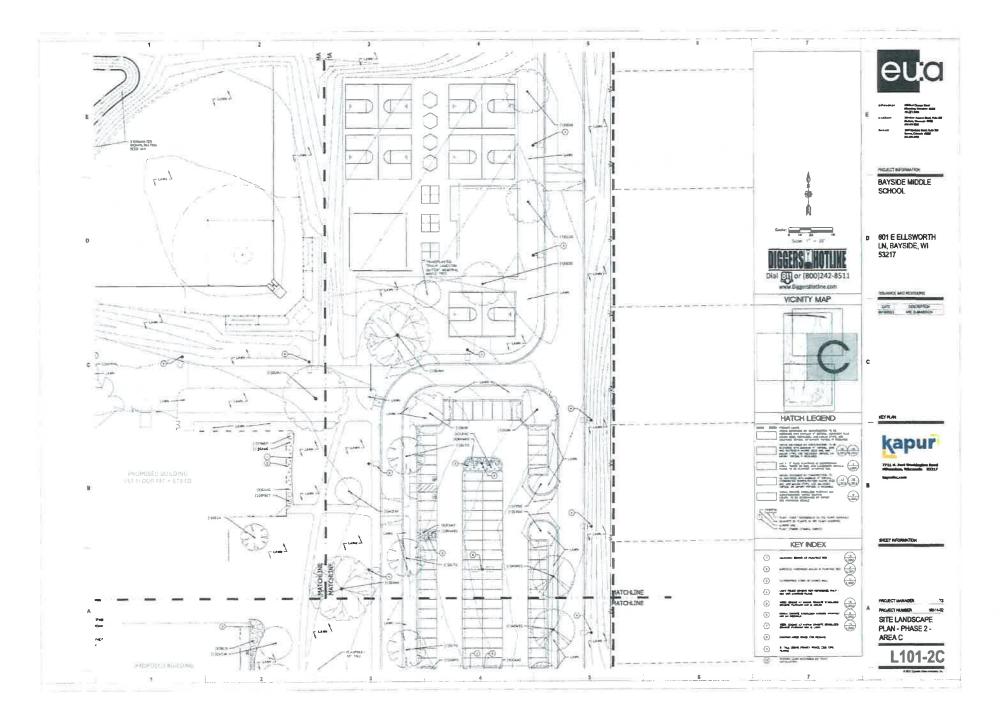
Landscape Plan: Privacy fencing along the south property line, Site access fencing along King and Ellsworth, Traffic signage around the site and extending into the surrounding neighborhood, Safety fencing along the bus drop off lane, Landscape screening along the bus lane. Landscaping plans include exact locations, sizes, and species as well as fencing with images/samples.

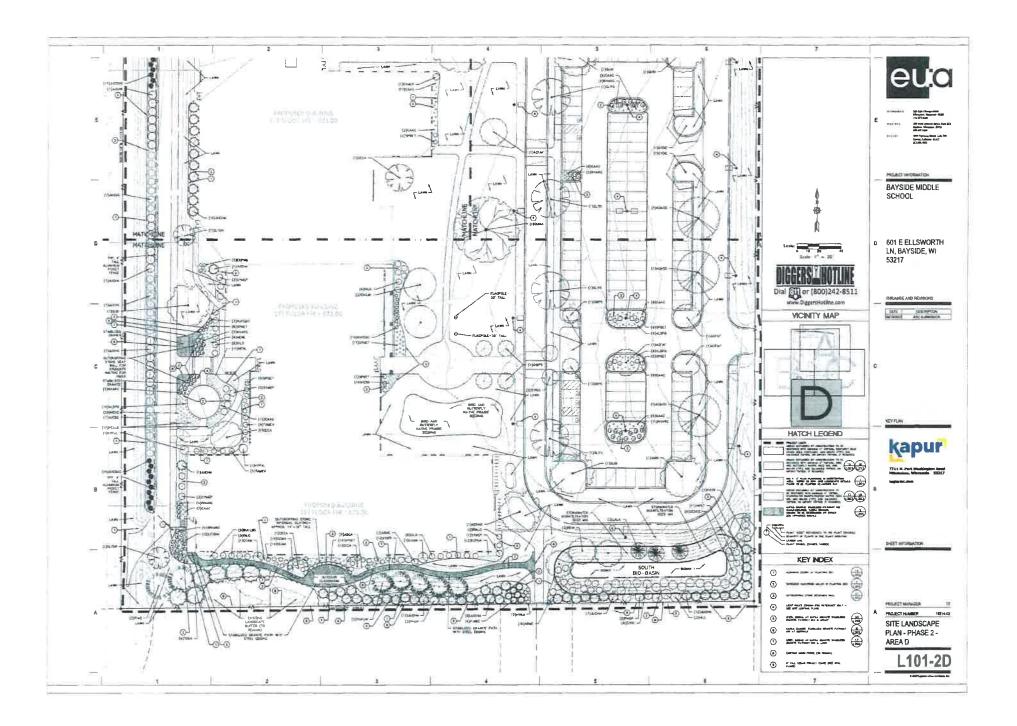
			The state of the s		
	×	ARC Agen	da Date: 06/19/2023		Accessory Structures/Generators
	図	Parcel Num	ber: 0219983000		Additions/Remodel
		Color photo	ographs showing project location,		Commercial Signage
		elevations,	and surround views.		Decks/Patios
		Complete	ligital set of building plans		Fence
		(including e	elevations and grading).		Fire Pits
		Samples or	brochures showing materials, colors,		Landscaping requiring Impervious
		and designs	S.		Surface/Fill/Excavation Permit
		Survey or M	filwaukee County Land Information		New Construction
ľ		Officer Aeri	al		Play Structures
	- 27-				Recreational Facilities/Courts
PE	RMI N	rs: Payment			Roofs
			Building		Solar Panels/Skylights
			Electrical		Swimming Pools
			Plumbing		Windows/Doors – change exceeds 25% of
			HVAC		opening
			Fill	図	Other
			Impervious Surface	Pa	ackage 03 - Landscaping Plan
			Dumpster		and go of Landscaping Figure
			ROW/Excavation		
			Conditional Use		
			Occupancy		
			Special Exception/Variance		
			ARC		
	_			-	

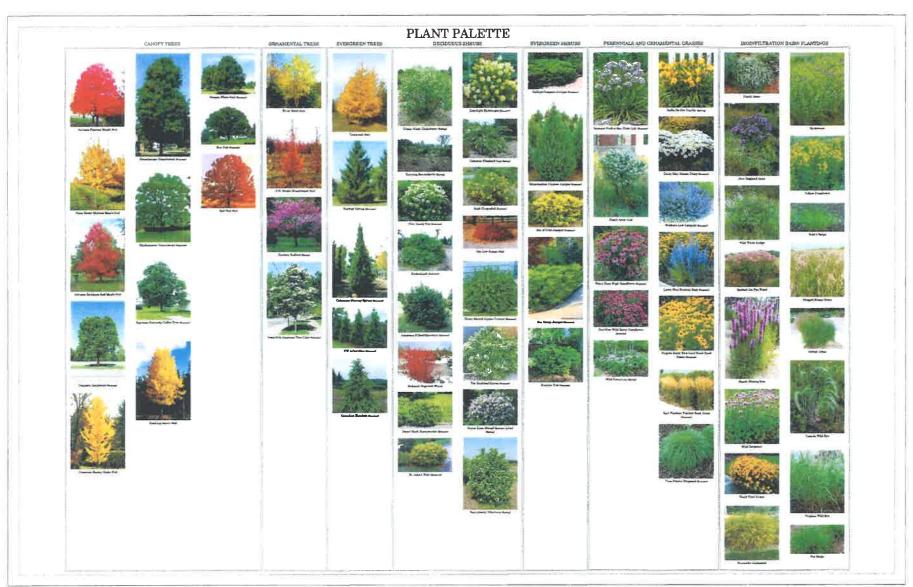












BAYSIDE MIDDLE SCHOOL

601 E. ELLSWORTH LANE, BAYSIDE, WI 53217



# **Project Proposal**

			Date 5/22/23		
			601 E Ellswor Property Address 53217	th Ln, E	Bayside, WI
			Property Address 30217		
			Zoning District		
		-	etails (type of work, size, materials, location		
8'x8	pro	ject sign. Re	n way finding and safety signage ranging from 3'x ndering attached	K4' to 11'	"x17". Plastic weather resistant construction
Dura	ation	- 18 months			V===
		ARC Age	enda Date:		Accessory Structures/Generators
		Parcel Nu	ımber:		Additions/Remodel
		Color pho	otographs showing project location,		Commercial Signage
		elevation	s, and surround views.		Decks/Patios
		Complete	e digital set of building plans		Fence
		(including	g elevations and grading).		Fire Pits
		Samples	or brochures showing materials, colors,		Landscaping requiring Impervious
		and desig	ns.		Surface/Fill/Excavation Permit
		Survey or	Milwaukee County Land Information		New Construction
		Officer Ae	orial		Play Structures
					Recreational Facilities/Courts
PE	RMI' N	rs: Payment			Roofs
			Building		Solar Panels/Skylights
			Electrical		Swimming Pools
			Plumbing		Windows/Doors - change exceeds 25% of
			HVAC		opening
			Fill	斌	Other
			Impervious Surface		
			Dumpster		
			ROW/Excavation		
			Conditional Use		
			Occupancy		
			Special Exception/Variance		
1			ARC		



### **TEMPORARY SIGN PERMIT**

Applicant Name Shawn Hinke	
Name of Business Miron Construction Co., Inc.	
Address 601 E Ellsworth Lane	, Bayside, WI 53217
Applicant phone number(s) (414) 840-9162	
Applicant email address shawn.hinke@miron-construction.com	
Dates of posting from May 15th, 2023 through Novemb	er 29th, 2024
Location of sign_Signs will mainly be along King Road	
Reason for sign_Job site safety, separation between construction/school activities, co	emmunity information
Sign Description Standard construction way finding and safety signage, sign showing	g final rendering
3' x 4' at gates, smaller # of Signs 24 Size along fence Total Square Feet Appr	ox 100
Material(s) Plastic	
How will it be displayed (in-ground, attached to building, etc.) Signage will be	secured to site
perimeter fencing when possible, and will be secured in-ground otherwise.	
If sign will not be on applicant's property, is a letter of permission attached?	Yes_XNo
Will sign be placed in the right-of-way? (not permitted)	Yes_XNo
Is a photograph or drawing of the sign attached?	Yes_X_No
Date	05/10/2023
Signature of applicant	
<ul> <li>OFFICE USE ONLY:</li> <li>Banners and temporary signs shall be valid for not more than 15 days per gross sign area of 100 sq ft or less, and have no single side of any sign ex</li> <li>Fee is assessed per sign.</li> <li>Signs may not be placed in the right-of-way.</li> <li>All requests must have written authorization from the property owner and application and approval.</li> <li>Provide copy of approved application to the Police Department.</li> </ul>	ceed 50 sq ft.
Village Manager or designee	Date

Updated 8/3/2021

Village of Bayside 9075 North Regent Road Bayside, WI 53217

May 10th, 2023

To Whom it May Concern,

Serving as a representative of the Fox Point Bayside School District, I authorize Miron Construction Co., Inc. to display temporary construction signage on school grounds as they see fit for the duration of construction activities. Branding signage will be reviewed and approved by the School District. Should you have any questions, please feel free to contact me.

Best Regards,

Jordan Schulz

Partner

Huffman Keel Partners, Inc.

(617) 922-7691

jschulz@huffmankeel.com



#### BAYSIDE MIDDLE SCHOOL FOXBAY.ORG







# BAYSIDE MIDDLE SCHOOL OVERVIEW

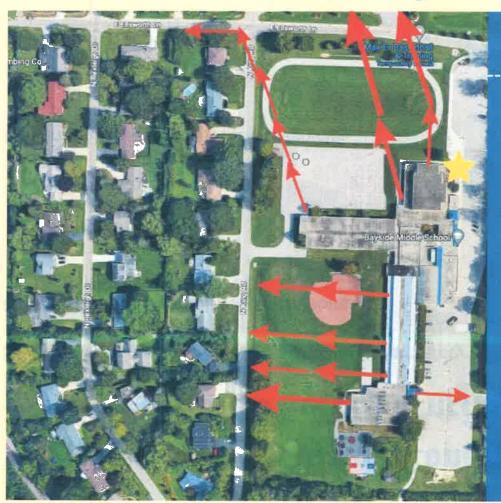
# Traffic Management Factors and Concepts Examined Current and Proposed

- Pedestrian Safety
- Vehicle Safety
- Separation of Bus and Parent Pickup
- Neighboring property impacts
- On site traffic flow
- Off site traffic flow and impacts
- Infrastructure and ROW impacts
- Current/future bus count
- Current volume of parent pickup vehicles
  - o 6 observation dates,
    - all over 60 vehicles
    - Four over 70 vehicles
    - Two over 80 vehicles
- Impervious surface
- Stormwater management
- Other mitigating/limiting factors

# Current Conditions (Prior to Safety Fencing Installation)

- Significant concern for Pedestrian and Vehicular Safety
- Multiple building exit points/ pickup points
  - Maitland
  - King
  - Ellsworth
  - Standish
  - School Protocol: Parking Lot
- Current volume of parent pickup vehicles
  - 6 pick up observations
    - all over 60 vehicles
    - Four over 70 vehicles
    - Two over 80 vehicles
- Current conditions are extermely unsafe

## **School Pickup Observation**

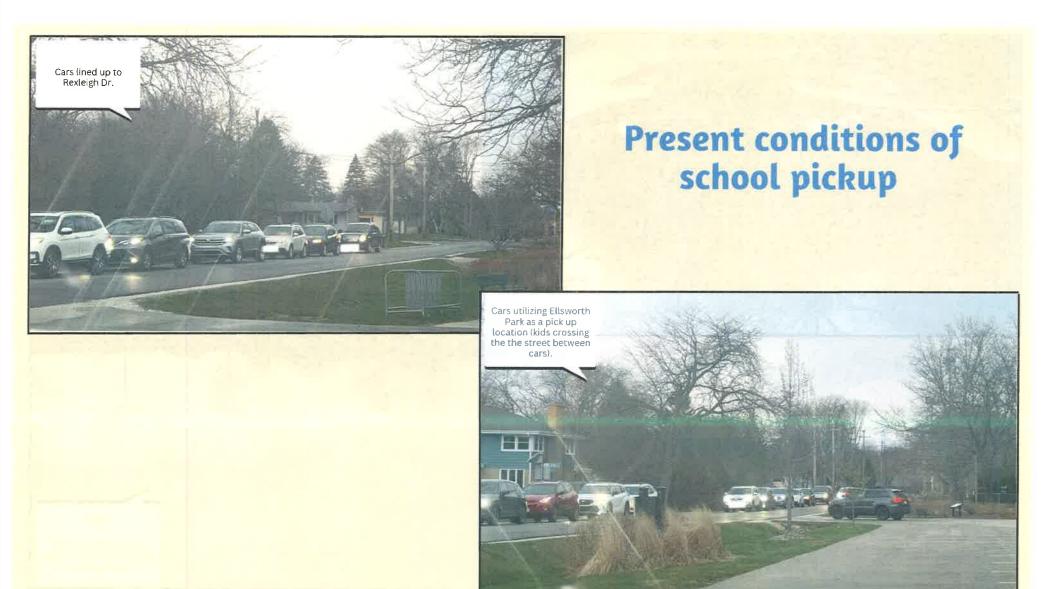


#### Observations on Wednesday, April 19, 2023 Conditions: Rain

- · Roughly 80 cars present for pick up
- Cars lined on Ellsworth Lane, King Road, and Ellsworth Park parking lot. Unable to observe Maitland.
- · Ellsworth Park parking lot used as a pick-up site.
- · Children walking between cars to cross streets.
- Cars driving on the wrong side of the street due to cars parking on the road.
- Cars driving at each other in wrong lanes of traffic.
- Cars driving in the shoulder/ditch.
- Numerous students exiting side doors/not the main exit.
- Cars making U-turns in the middle of streets and obstructing traffic.
- Children walk to cars rather than cars driving to children.



















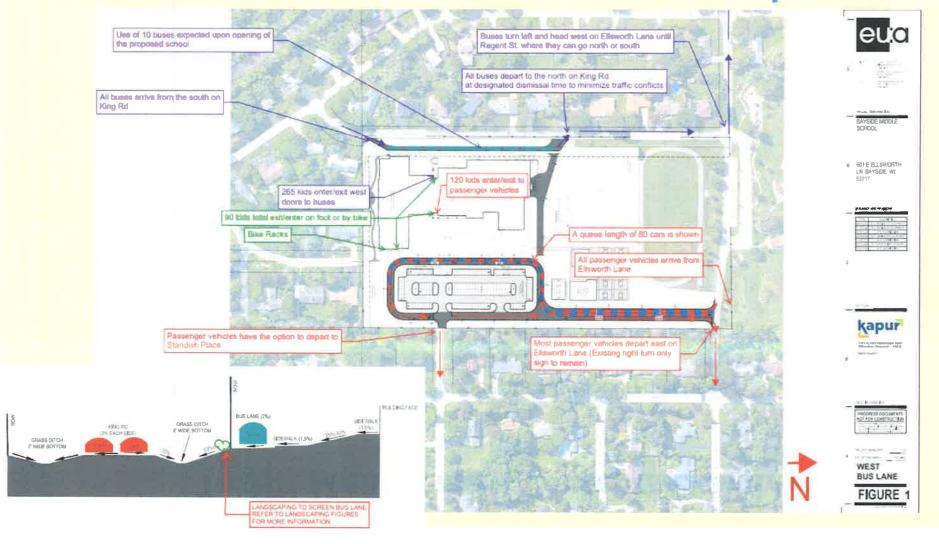




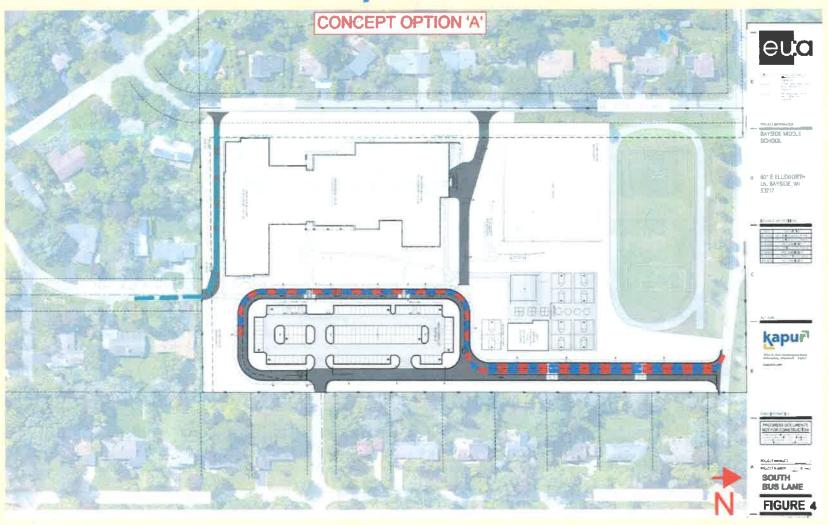
#### Traffic Management Concepts Examined

- Eight drawn concepts have been examined
- Countless undrawn/brainstorming concepts have been discussed.

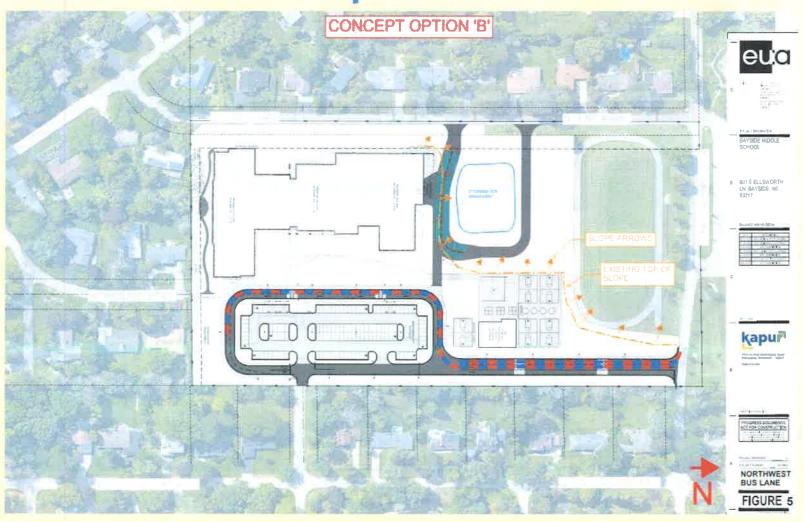
### **School District Recommended Concept**



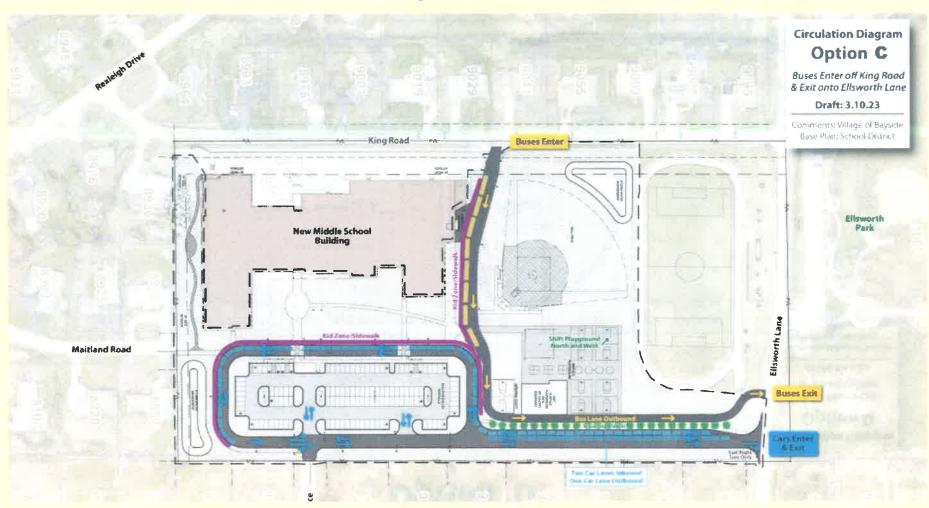
## Option 'A'



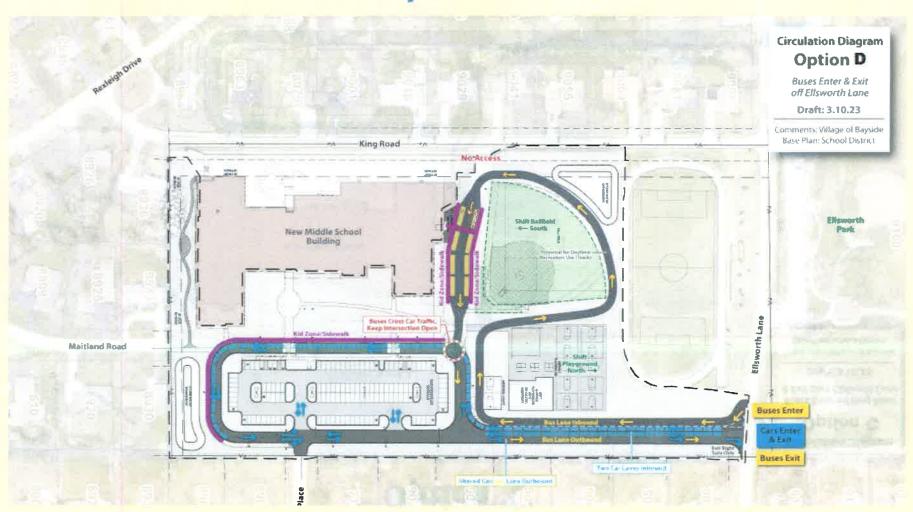
## Option 'B'



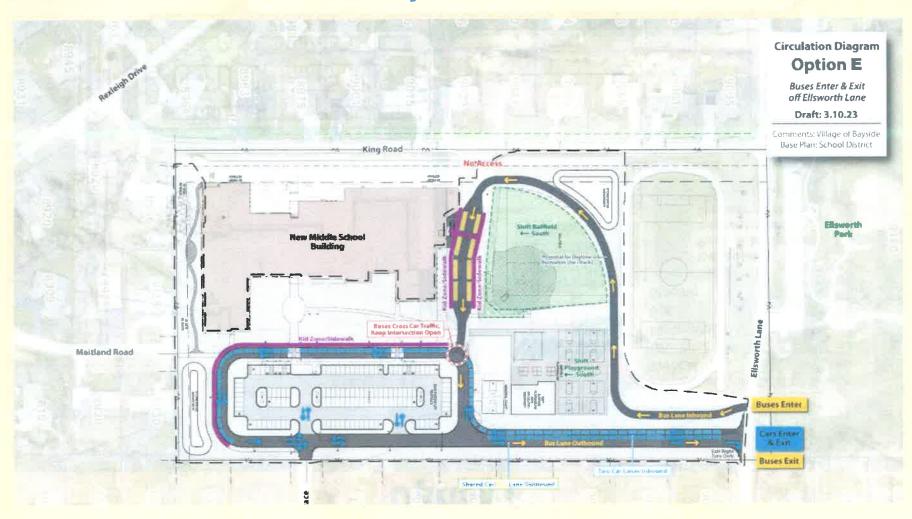
## Option 'C'



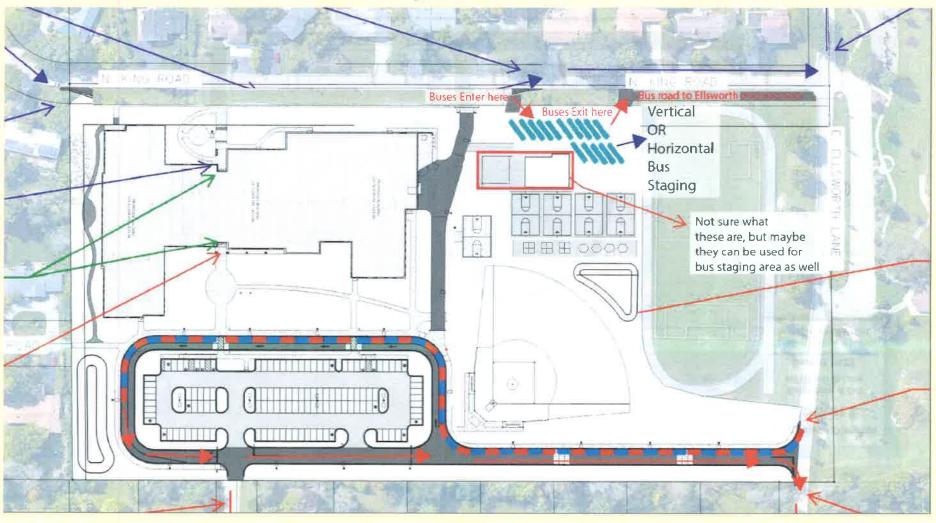
#### Option 'D'



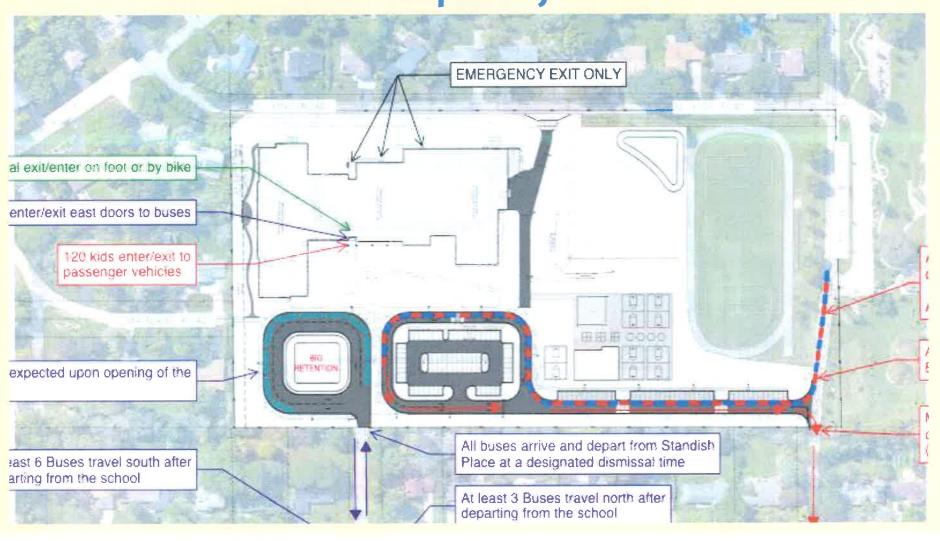
### Option 'E'

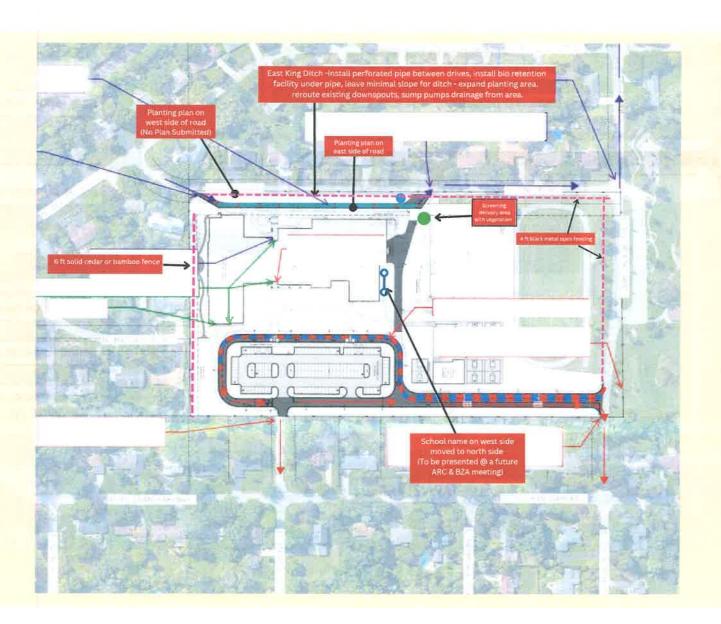


#### **Option F**

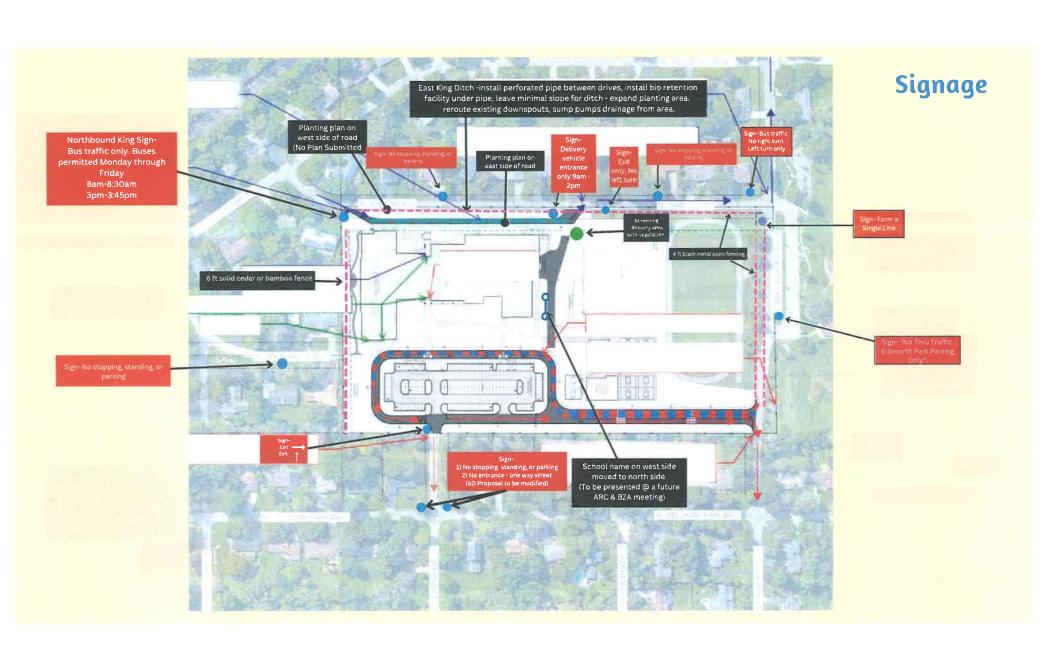


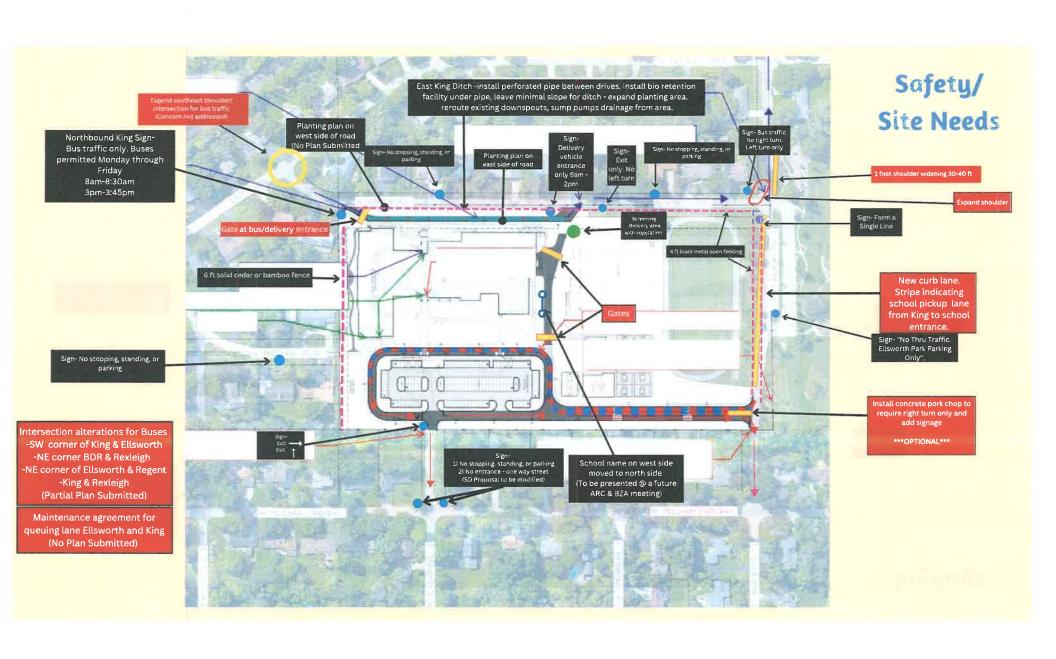
### Option G

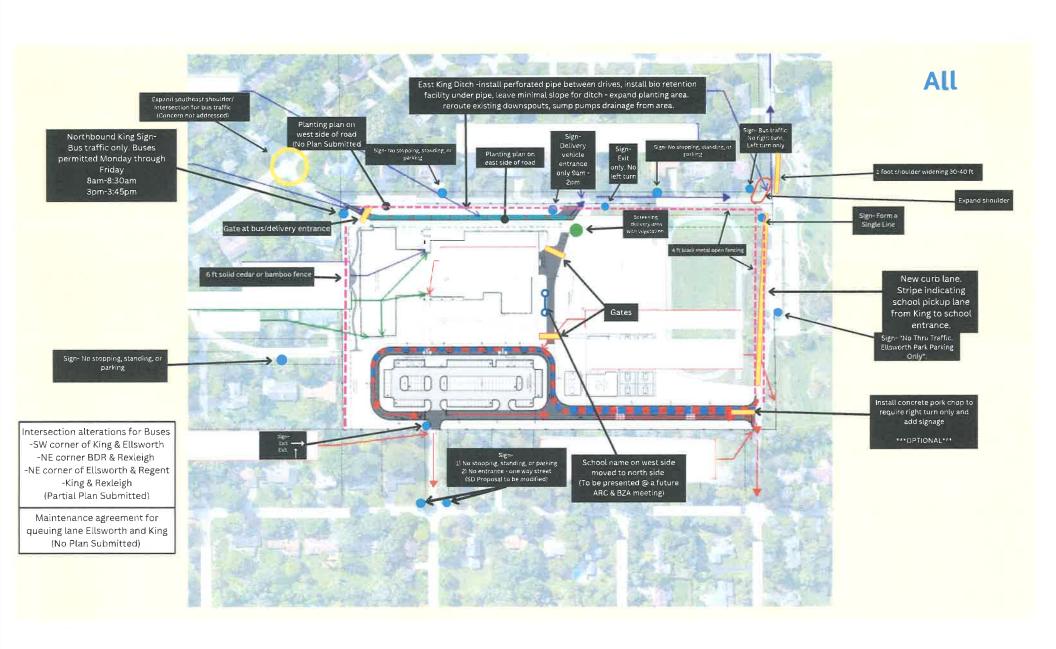




#### Landscape/ Aesthetics









#### **Project Proposal**

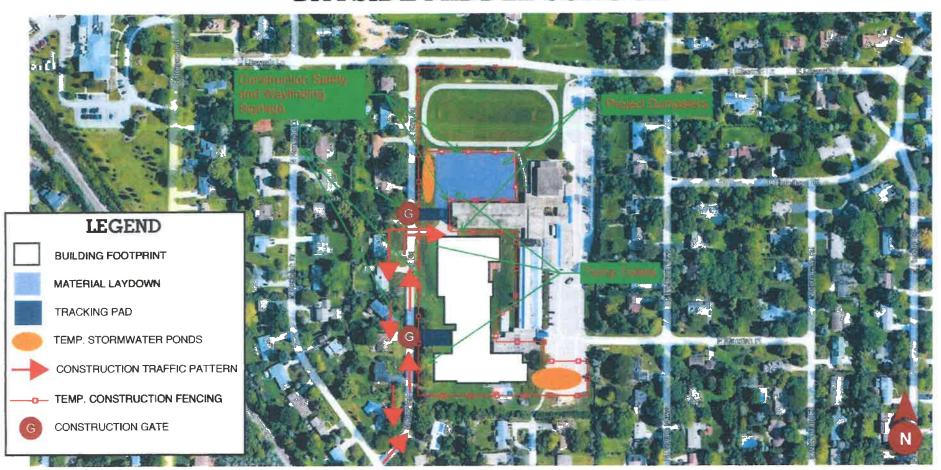
			Date 5/22/23	Date 5/22/23					
			601 E Ellswor Property Address 53217	th Ln, f	Bayside, WI				
	Zoning District								
			tails (type of work, size, materials, locati	on, etc.	):				
		ard dumpste oot storage (							
		Trailers							
		rt-O-Pottys							
Dura	tion	- 18 months							
		ARC Age	nda Date:		Accessory Structures/Generators				
		Parcel Nur	mber:		Additions/Remodel				
		Color pho	tographs showing project location,	_	Commercial Signage				
		elevations	s, and surround views.		Decks/Patios				
	☐ Complete digital		digital set of building plans		Fence				
		(including	elevations and grading).		Fire Pits				
		Samples o	or brochures showing materials, colors,		Landscaping requiring Impervious				
	and designs.		ns.		Surface/Fill/Excavation Permit				
		Survey or	Milwaukee County Land Information		New Construction				
	Officer Aerial				Play Structures				
					Recreational Facilities/Courts				
PE	PERMITS: Y N Payment				Roofs				
			Building		Solar Panels/Skylights				
			Electrical		Swimming Pools				
			Plumbing		Windows/Doors – change exceeds 25% of				
			HVAC		opening				
			Fill	0	Other				
			Impervious Surface						
ヌ			Dumpster						
			ROW/Excavation						
			Conditional Use						
			Occupancy						
			Special Exception/Variance						
			ARC						



#### Dumpster/Roll-Off Box/Pod/Storage Container/Port-o-Potty PERMIT Exceeding 2 ½ cubic yards in size

pplicant Name_Shawn Hinke
ddress 601 E Ellsworth Lane , Bayside, WI 53217
pplicant phone number(s) (414) 840-9162
pplicant email shawn.hinke@miron-construction.com
torage Description:  (4) - 30 yard dumpsters (6) - 20 foot storage containers (10) - Job Trailers em(s) being stored (10) - Port-O-Pottys
ze See Above
laterials onstruction debris, recycling material and material/equipment being stored until installation, ontractor tools and equipment
ates of storage May 15, 2023 through November 29, 2024
ocation WithIn job site fencing
eason for storage Necessary to safely and efficiently run construction operations
Date
ignature of applicant
FFICE USE ONLY: Sec 32-48(8)
$1^{\mathfrak{st}}$ unenclosed storage permit (\$50/60 days) $\square$ 2nd unenclosed storage permit (\$60/60 day
1st Port-o-Potty permit (\$50/60 days) 2nd Port-o-potty permit (\$60/60 days)
*One unit per address and not to exceed two permits issued in any 12 months
Date
illage Manager / or designee
nnroved Denied

#### **BAYSIDE MIDDLE SCHOOL**



SITE LOGISTICS





#### 06/07/2023

Attention: Village of Bayside, WI Architecture Review Committee

PROJECT/SITE OWNER:	PROJECT SUMMARY:
Fox Point-Bayside School District PROJECT ADDRESS: 601 Ellsworth Ln	Three types of fences 544 lineal feet 4' black vinyl chain link 450 lineal feet 4' black aluminum Majestic style 186 lineal feet 6' cedar privacy

I have reviewed the proposed new fences for compliance with the Village's ordinances and have determined the following for consideration.

- 1. The 544 lineal feet of 4' high black vinyl chain link fence complies with the ordinance.
- 2. The 450 lineal feet of 4' high black aluminum Majestic style complies with the ordinance. The applicant has supplied a flyer with several types of fences on it. They forwarded a sheet that had called out the Majestic style.
- 3. 186 lineal feet of 6' high cedar privacy fence, is in violation of the ordinance Sec. 104-125 a (9). They will have to request a variance for this fencing, to proceed with installation.
- 4. The board always considers matching fences with neighboring fences.

#### VILLAGE CODE REVIEW

Supporting documentation or testimony must be provide at the meeting to verify code compliance with the above observations in red.

Dave Hendrix SAFEbuilt Wisconsin Operations Manager

## **ECHELON PLUS**°

**Ornamental Aluminum Fence** 

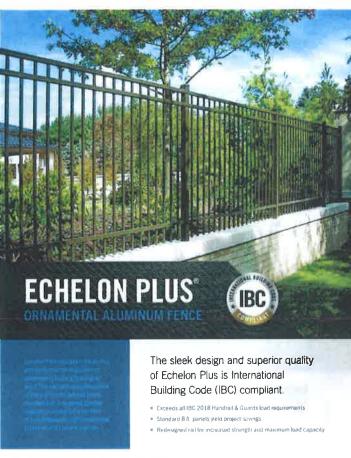




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ASSA ABLOY



#### FORERUNNER' LOCKING SYSTEM

Amensiar reengineered the Echelon Plus FareRunner rail to maximize strength. The innoval ye design of the ForeRunner rail contains an internally-secured rod that allows for variable nitch connection and high angle brasability and eliminates the need for external fasteners.

#### Increased security

The ForeRunner rail, with an internal retaining rod, prevents the attachment from being compromised. Fasteners are not exposed.

#### Aesthetic details

The 'Good Neighbor Design' rod follows the ForeRunner centerline, providing a clean and uninterrupted look void of visible screws or rivets



veis

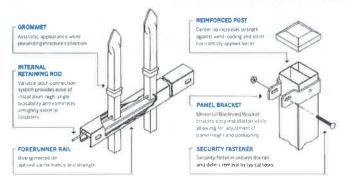


Having a unitary picket to rail connection allows Echelon products a minimum bresability of 10%, eliminating any possible security risks due to large gaps under the ferror panels









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ECHELON PLUS® 👢

NO RIVETS. NO SCREWS. NO WELDS.

PICKETS HEIGHTS RAILS POSTS 1.4375" x 1.25" x (,110" SIDE /,090" TOP) FORERUNNER® RAILS .75" SQ. x .045" 2.5" SQ. n .060" 3', 31/3', 4', 41/3', 5', 8'



































# Why Choose Ameristar?

## KNOWLEDGE AND EXPERIENCE

For over 40 years we've delivered aesthetically pleasing, high-quality and innovative fencing products with superior design strength and easy installation.

#### PROVEN CAPABILITIES

Our integrated in-house processes, extensive raw materials and finished goods inventory translate into quality, on-time delivery.

#### INDUSTRY LEADERSHIP

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## Spectra® Chain Link





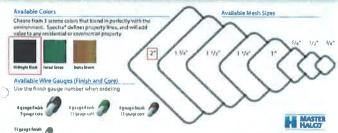


# Our Spectra\* Fencing System Premium quality frame and fabric is guaranteed for 15 years



- Features and Benefits:

  Zinc-coated their fightenesis is theroughly cleaned during the pre-treatment process, then color coated with a 3 mill inhibition polyectal leyer for protection from corosion.
- All galvanized wire has a 15 mil minimum extruded polyvinyl chloride coalling for dual protection from corresion and the element.
- fittings are made of galvanized steel with 4.3 mill minimum of polymer layer for protection from corrosion.



# Spectra® Color Chain Link Recommendations

FABRIC
Spectra® polyvinyl chloride extruded
over zinc-coated steel
core wire.

#### Type 2 Residential 9 gauge and 11 gauge finish Fabric Gauge 1-1/4", 1-1/2", 1-3/4", and 2" Fabric Mesh Fabric Height 3', 42", 4', 5', and 6' Knuckle - Knuckle (KK) for 5' and Under. Knuckle - Knuckle (KK) or Knuckle - Twist (KT) for 6'. Fabric Selvage

## Type 2 Commercial

6 gauge, 8 gauge, and 9 gauge finish 6 gauge is not avallable for 3/8" mesh or 1/2" mesh 3/8", 1/2", 5/8", 1", 1-1/4", 1-1/2", 1-3/4", and 2" 3', 42", 4', 5', 6', 7', 8', 9', 10', and 12'

Knuckle - Knuckle (KK) for S' and under; for mesh sizes 1" and smaller. Knuckle - Knuckle (KK) or Knuckle - Twist (KT) for 6' and over.

## FRAMEWORK - TYPE

Spectra® polyester resin, 3 mils minimum, over galvanized steel ASTM F 1043, Group 1C, with a minimum yield strength of 50,000 PSI. Protective coating per ASTM 1043, external coating Type B, zinc with organic overcoat, 0.9 ounces per square foot minimum zinc coating with chromate conversion coating and verifiable polymer film.

Top Rail 1-3/8" 0.D. Spectra* 17 Gauge or 16 Gauge
--

Line Posts 1-5/8" O.D. Spectra\* 17 Gauge or 16 Gauge 1-5/8" O.D. Spectra® Deluxe Quality (DQ) or Spectra® Full Weight Pipe

1-7/8" O.D. Spectra® Deluxe Quality (DQ) or Spectra® Full Weight Pipe 2-3/8" O.D. Spectra\* Deluxe Quality (DQ) or Spectra\* Full Weight Pipe

Terminal Posts 1-7/8" O.D. Spectra® 16 Gauge 2-3/8" O.D. Spectra® 16 Gauge

2-3/8" O.D. Spectra\* Daluxe Quality (DQ) or Spectra\* Full Weight Pipe 2-7/8" O.D. Spectra® Deluxe Quality (DQ) or Spectra® Full Weight Pipe 4" O.D. Spectra\* Deluxe Quality (DQ) or Spectra\* Full Weight Pipe

Fabric	Same Gauge and Mesh as Chain Link Selected
Frame	Same as Top Rail Selected

#### **Fittings**

Tension and Brace Bands	Polymer Coating, 3 Mils Minimum, Over Hot-Dipped Galvanized Pressed Steel
Caps, Eye Tops, Rall Ends	Polymer Coating, 3 Mills Minimum, Over Hot-Dipped Galvanized Pressed Steel or Aluminum
Sleeves	Polymer Coating, 3 Mils Minimum, Over Hot-Dipped Galvanized Steel
Tie Wires	Polymer Coating, 3 Mils Minimum, Over Zinc-Coated Steel Wire

Material Composition	Polyethylene Thermoplastic
Colors	Green, Black, Brown, Gray, Redwood, Blue, Desert Sand



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# **WESTERN RED CEDAR**

Western Red Cedar's botanical name is Thuja plicata. Fence pickets, rails, and posts are one of the most decay-resistant Native American wood types with high durability when exposed to weather. Western Red Cedar is grown and harvested from sustainably managed North American forests. Western Red Cedar can be left natural, painted, or stained. Pre-Stained Western Red Cedar is available with a water-based stain that can be matched to your outdoor living environment.

Lengths: 4', 5', 6', 8'

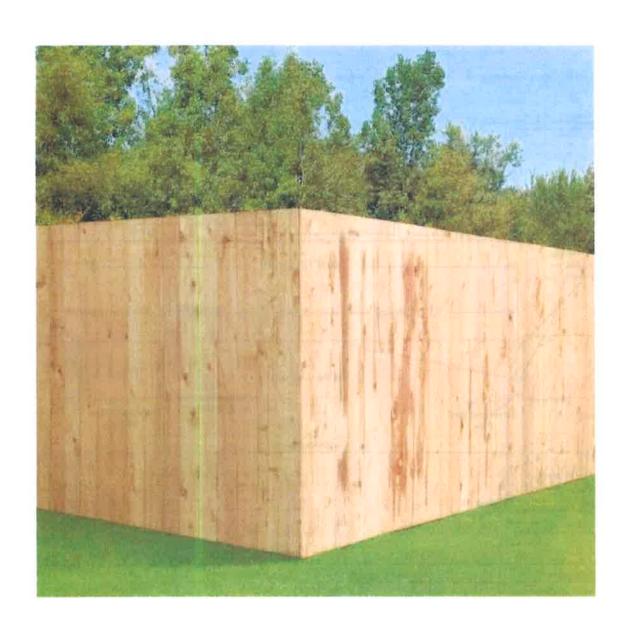
Widths Nominal: 4"

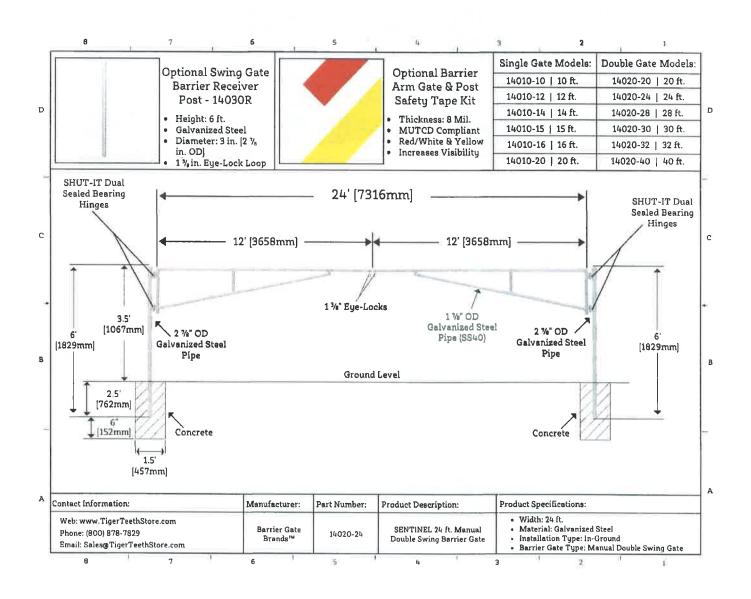
Actual: 3 12" 5 12" 7 1/2"

Thickness: Nominal: 1" Actual: 5/8" 3/4"

Grading: Fencing is appearance-graded and categorized by knot size/type and defect, which impacts the visual appeal and performance as a fence board. Boards are graded for 2-face appearance or 1-face appearance.

Availability for Western Red Cedar fencing is the United States and Canada. Typical Fences styles include Solid Board Vertical, Solid Board Horizontal, Board-on-Board, and Alternating Panel. Versatile and easy to work with, you can construct and install any fence style for your project. Longevity can be increased by installing the WRC boards and rails on a PostMaster Plus steel post for wood fence systems. Natural wood texture and colors range from rich amber to cinnamon brown and if left natural, it will age to a silvery grey.





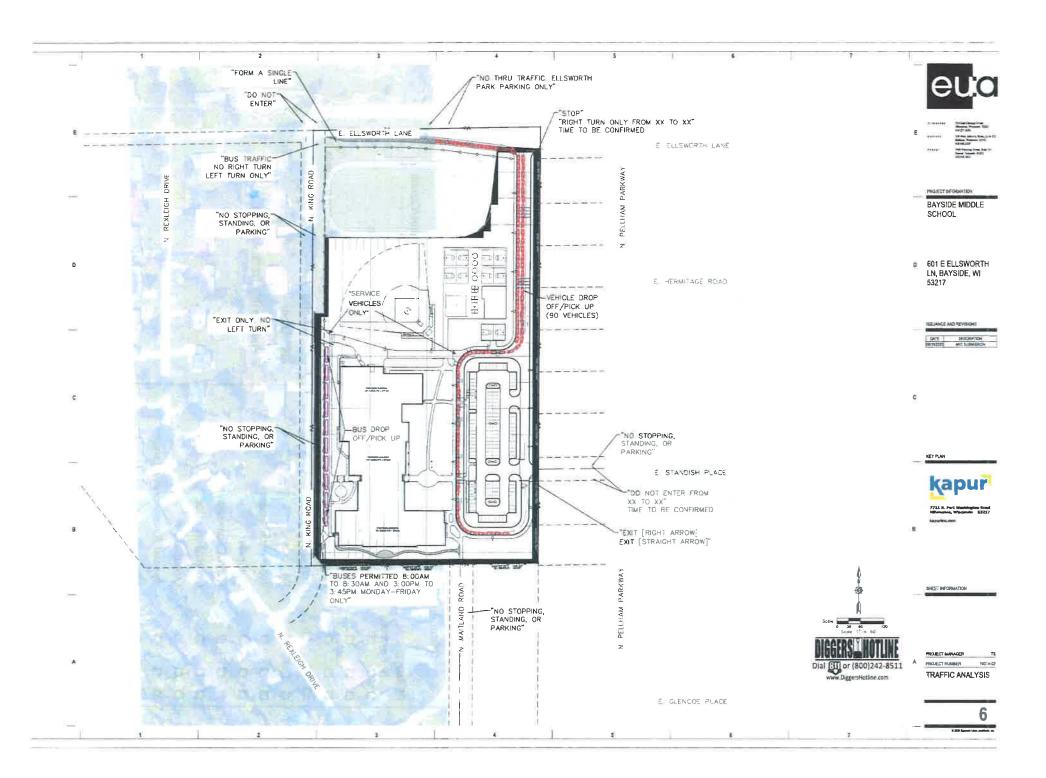
# **Project Proposal**

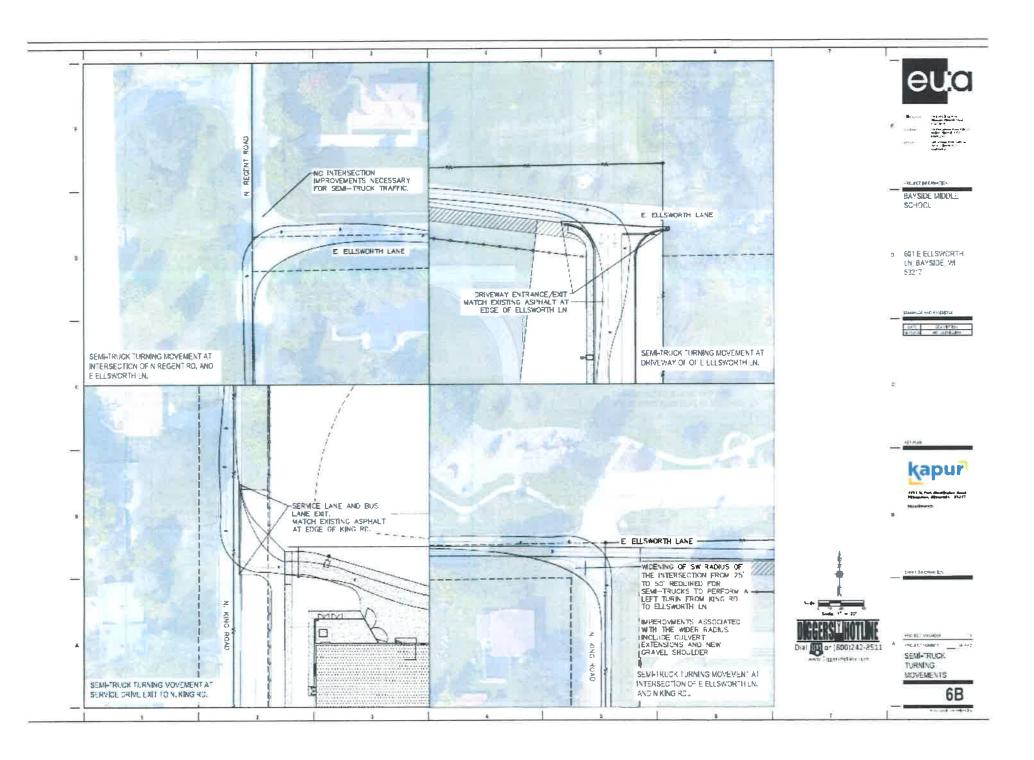
Date 06/01/2023	
Property Address	601 Ellsworth Lane
Zoning District "C	* Residence

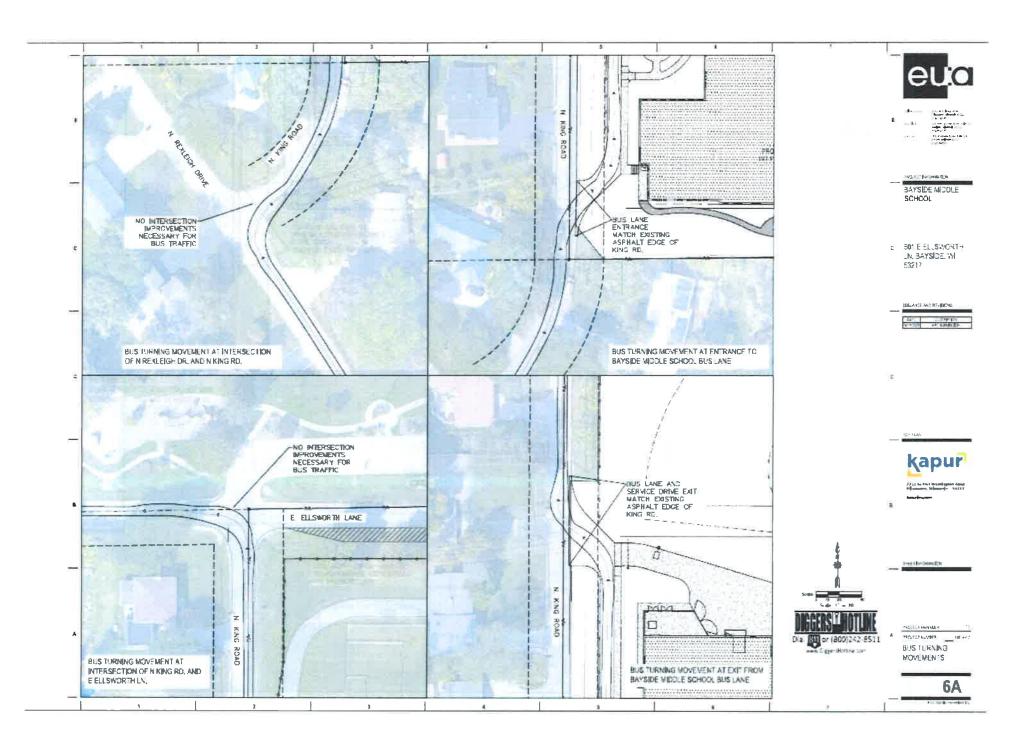
Proposed Project Details (type of work, size, materials, location, etc.):

This package includes information into traffic considerations for new site layout. This package also includes requested post signage and parking signage on-site and off-site as per coordination with the Village staff. Setback calculation and impervious calculations are included. Through coordinating with the Village in adding another entrance lane and shifting the bus lane out of the ROW the impervious surface is higher than the target, however in speaking with the Village and engineers the approach we've coordinated is acceptable.

X	ARC Agen	nda Date: 06/19/2023	0	Accessory Structures/Generators
図	Parcel Num	nber: 0219983000		Additions/Remodel
	Color photo	ographs showing project location,		Commercial Signage
	elevations,	and surround views.		Decks/Patios
0	Complete o	digital set of building plans		Fence
	(including	elevations and grading).		Fire Pits
	Samples or	brochures showing materials, colors,		Landscaping requiring Impervious
	and design	s.	1	Surface/Fill/Excavation Permit
0	Survey or N	Milwaukee County Land Information		New Construction
	Officer Aeri	al		Play Structures
			0	Recreational Facilities/Courts
PERM Y N	ITS: Payment			Roofs
0 0	-	Building		Solar Panels/Skylights
0 0		Electrical		Swimming Pools
0 0		Plumbing	a	Windows/Doors - change exceeds 25% of
	0	HVAC		opening
		Fill	风	Other
0 0		Impervious Surface	P:	ackage 06 - Traffic Analysis
0 0		Dumpster		
		ROW/Excavation		
		Conditional Use		
		Occupancy		
0 0		Special Exception/Variance		
		ARC		









06/07/2023

Attention: Village of Bayside, WI Architecture Review Committee

PROJECT/SITE OWNER:	PROJECT SUMMARY;
Fox Point-Bayside School District	Exterior lighting
PROJECT ADDRESS: 601 Ellsworth Ln	

I have reviewed the proposed new fences for compliance with the Village's ordinances and have determined the following for consideration.

- 1. In reviewing the computer-generated site lighting photometric plan it appears that it complies with the ordinance.
- 2. The board always considers the aesthetics of the lighting fixtures and poles.

## VILLAGE CODE REVIEW

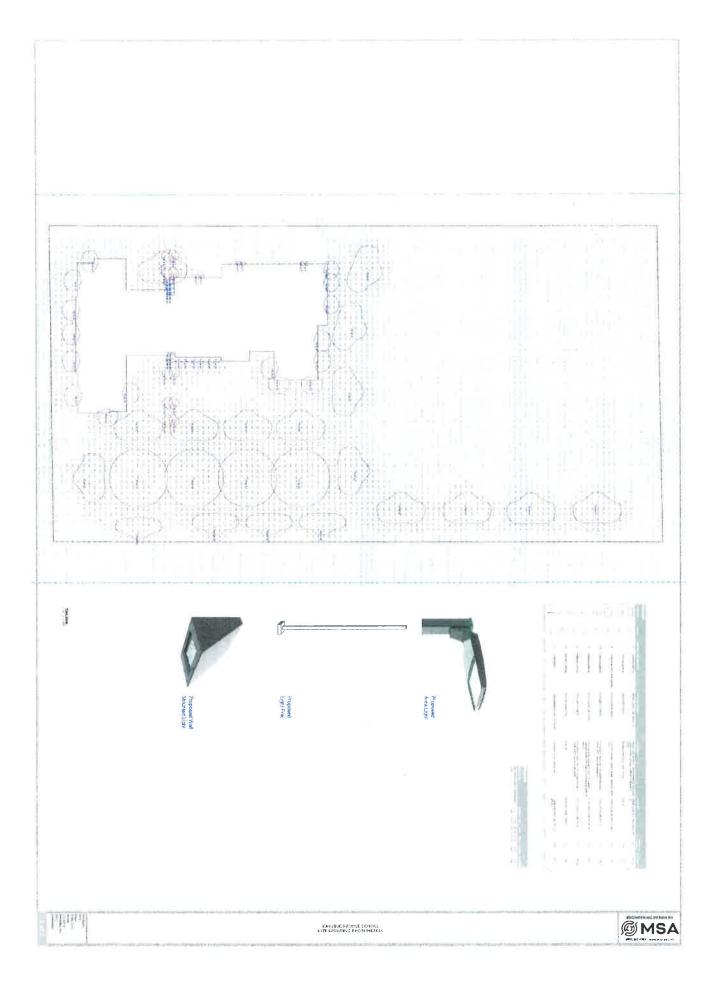
Supporting documentation or testimony must be provide at the meeting to verify code compliance with the above observations in red.

Dave Hendrix SAFEbuilt Wisconsin Operations Manager

Bayside ARC Review Page 1 of 1

# **Project Proposal**

			Date 06/01/2023		
			Property Address 601 Ellsworth	Lane	
			Zoning District "C" Residence		
			Zoning District		
Ргоро	sed	Project De	tails (type of work, size, materials, locati	on, etc.	):
			an remains consistent with last submission,		
	_				
	×	ARC Age	nda Date: 06/19/2023	0	Accessory Structures/Generators
	<b>X</b>	Parcel Nur	mber: 0219983000		Additions/Remodel
		Color phot	tographs showing project location,	0	Commercial Signage
		elevations	, and surround views.		Decks/Patios
		Complete	digital set of building plans		Fence
			elevations and grading).		Fire Pits
		Samples o	r brochures showing materials, colors,	0	Landscaping requiring Impervious
		and design	ns.		Surface/Fill/Excavation Permit
		Survey or l	Milwaukee County Land Information		New Construction
		Officer Aer	ial		Play Structures
	<b>-</b>				Recreational Facilities/Courts
Y	RMI N	is: Payment			Roofs
			Building		Solar Panels/Skylights
		0	Electrical		Swimming Pools
			Plumbing		Windows/Doors – change exceeds 25% of
			HVAC		opening
			Fill	区	Other
0			Impervious Surface	Pa	ackage 04 - Exterior Lighting
		0	Dumpster		3 3
			ROW/Excavation		
			Conditional Use		
			Occupancy		
П			Special Exception/Variance		
			ARC		





## RSX2 LED Area Luminaire











#### 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 RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W 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.

#### Specifications

EPA (ft²@0°):

0 69 ft² (0.06 m²)

Length:

29.3" (74.4 cm) (SPA mount)

Width:

13.4" (34.0 cm)

Height:

3.0° (7.6 cm) Main Body 7.2° (18.3 cm) Arm

Weight: (SPA mount)

30 0 lbs (13 6 kg)



#### 7

#### **EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD**

#### RSZ2 LED

Ordering Information

Series	Partieroyanea Packages	Cales Temperatura	Distribution	Waltage Ne anting	
RSX2 LED	P1 P2 P3 P4 P5 P6	30K 3006V. 40M 4000X 50K 5006K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Short R5 Type 5 Short AFR Austroniate Front Row Right Rotate AFRSO Austroniate Front Row Right Rotate AFRSO Austroniate Front Row	MYOLT (120Y-277Y)? HYOLT (347Y-480V); XYOLT (277Y-480V); (use specific vortage for options as noted) 120 277; 208 347; 240 480;	SPM. Square pole mounting (3.07 mm s SQ pole for 1 as 90°, 3.5° mm SQ pole for 2, 3, 4 at 90°).  RPA. Poure pole mounting (3.1° min dia. PND pole for 2, 3.4 at 90°, 3.0° mm dia. END pole for 1 at 90°, 2 at 180°, 3 at 180

tions.					
Shipped In	nstalled	Shipped	Installed	DDBXD	Dark Eronze
HS	House-side shield "	*Standa	lone and Networked Sensors/Controls (factory default settings, see table page 9)	DBUXD	Black
PE	Photocontrol, button style <sup>L</sup>	NLTAIR2	nLight AiR generation 2 3111	DNAXD	Natural Aluminum
PEX	Photocontrol external threaded, adjustable **	PIRHN	Networked, 8-Level motion/ambienusensor (for use with NEJARR2) 1	DWHKD	White
PER?	Seven-wire swist-lock receptacle only (no controls)? [13]	BAA	Buy America(ni Act Compliant	DOSTED	Textured Dark Bronze
Œ34	Conduct entry 3/4" NPT (Oty 2)			DBLBXX	entred black
SF	Single fuse (120, 277, 347)	Trail Trail of The Control of the Control of Assessment Section of Section of the Control of Section of the Control of Section of the Control of Section o		DNATAD	Textured Natural Afurnmun
DF .	Double fuse (203, 240-480)	settings:	as a wireless networked solution. See factory default settings table. Sensor coverage	DWHGXD	Featured White
SPD20KV	20KV Surge pack (10KV standard)	pattern	s affected when Jurranaire in tilted.		
FAD	Field adjustable output 5 li	Rucia	Separately (requires some field assembly)		
DMG	O-10V dimming extend out back of housing for external control (control ordered separate) (2)	EGS	External drate spield ,		
DS	Dual switching * *	E6FV	External glare full wsor (360° around light aperture)		
	*	BS	Bird spikes "		



## Ordering Information

#### Accessories

85X316 PSIC Mouse sets shield (sectores ? Phields) Entertail glave should (specify levish)

ISSE/MSAFER (FRESH) O. MSA2 from soft shelps for AHR regard spread packages 1 Average

RS12EGFil (FBRSN)-U External glave full year (specify firesh) RSXRPA (FBBSH) U RSX unagerat stand pole adaptor plate (specify finish)

RSTWBA (FINISH) N PSE WBA wall bracket (specify finish) <sup>3</sup> RSSCS (FDRSH) 0 GCT (surface content too (upon by limits, for one with WBA, WBA mot included)
DLL 127F 1.5 JU Thomas CRI (surface content) 77Y/17

DLE147F 1.5 Cld. RU Photocell -SSL twist-find (147V) 16 DEL4806 S.5 CUL JU Photocell -SSE twist-lock (4005) "

DSNORT SIX U Shorting cap.\*\*

- NOTES

  1 Any Type 5 destribution is not available with VVBA.
  2 MVOUT driver operates on any line voltage from 120-227Y (50/40 Hz).
  3 MVOUT driver operates on any line voltage from 327-228Y (50/60 Hz).
  3 MVOUT driver operates on any line voltage from 327-228Y (50/60 Hz).
  3 MVOUT driver operates on any line voltage from 327-228Y (50/60 Hz).
  3 MVOUT driver operates on any line voltage from 327-228Y (50/60 Hz).
  3 Foreign from 577-228Y (50/60 Hz).
  3 Foreign from 577-228Y (50/60 Hz).
  3 Foreign from 578-228Y (50/60 Hz).

- 11 Resides planned instead of about days a deparate inches from term from Aury Barnet Castroit. Sine sections. Declary Case modeled. Entering the section of the Case modeled Case modeled in the Case and the Residence of the Case of th

- 17 Must be ordered with NEARZ. For additional information on PRINN
- 17 Must be present with treatment to secure year, and 18. Must be ordered with finance for factory pre-onling.
  19. Requires furnitains to be specified with PERT option. Ordered and thispard as a separate line stems from Acuity Brands Controls.

#### **External Shields**



House Side Shield



External Glare Shield



External 360 Full Visor

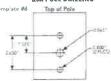
#### Pole/Mounting Information

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Uthonia's Outdoor Poles and Arms product page. Click here to visit Ad application

#### HANDHOLE ORIENTATION



#### RSX POLE DRILLING



#### RSX STANDARD ARM & ADJUSTABLE ARM



#### Round Tenon Mount - Pole Top Slipfitters

-11	all females	100	1010		ALC: UNKNOWN	1128	
2 - 1/11"	RPIL, AARD	ASJ-5 190	AS.I-5 200	A52-5 790	ASJ-5 120	AS3-S 390	AS3-5 640
2 - 7/8	RPA, AARP	AST25-190	AST25-2mp	A\$T25-290	AS725-320	A5125-390	AST25-490
4"	RPA, AARP	45/35-190	AST35-780	AST35-210	AST15-120	AST35 390	AST35-490

#### **Drill/Side Location by Configuration Type**

		-01	=-=	-	*	"I"	-
Side of Street, or other	Mineral Probe		1000	12000	East 188	L BAR	AND
	Head Location	54c1	364 B & G	SHYRAC	from Tute Only	Date B.C.S.D	SEA, RESD
44	Srift Namenclature	DATISTS	DM7843	DMENAL	9M32A5	0982585	\$96993

#### RSX2 - Luminaire EPA

inting arm. Other tanget, arms, brackets or other accessories are not included in this EPA data

Exercises the second State of the second state	an time	Sogie	110	10.00	1 alw	1-18	anda	1	TILLS TI SAME	
Meaning Type	100	-8	-1			*		ű.		4441
SPA - Square Poin Adaptor	0.	0.69	1.22	127	18	1.61	2.39	1.37	2.06	2.74
RPA - Sound Pole Adaptor		0.74	1.27	1.37	1.9	121	2.47	1.42	2.16	2.84
MA - Nast Arm Adaptor		0.6	114	1.11	184	1.45	2.23	29	1.9	2.5#
	0.	0.10	1,22	1,27	18	1.67	2.39	137	2.06	2 74
	10"	0.53	06	1.05	1,58	137	2.08	1.06	1.59	2.12
	20°	0.52	1.02	1.03	132:	1.33	2,02	1.01	1.55	2.07
	30,	0,64	1.11	1.18	1.03	1.45	2.71	1 27	1,91	2.54
is - Integral Silvitter	2011	0.51	121	1.25	1,24	1.65	2,39	1.62	2.43	3.23
AASP/AARP - Adjustable	45°	0.91	1.25	1.5	1.81	1.75	2.48	1.62	2.73	3.64
Arm Square/Round Pole	347	1,34	7,63	2.17	2.61	2.56	3.62	7.63	4.02	5.36
	867	2.2	2.97	1.97	4.21	437	5.39	4.41	4.61	8.82
	201	2.86	4.15	4.7	539	5.71	8.21	5.73	1.57	11.42
	AD"	34	5.13	5,67	7.34	7.09	10:21	6.79	10.19	11.59
	%	333	5.36	4.33	8.58	131	11.88	7.70	11.56	13.41

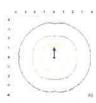
isofootcandle plots for the RSX2 LED P6 40K. Distances are in units of mounting height (30)

















#### Performance Data

# Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative forms output for average archies i arrestatives from 0-50°C (32-122°F).

Application .	Elim		-
O°C	32°F	-1-	1.05
5°C	41°F		1.84
1670	50°F		3.00
15"C	590		1.82
20°C	66*1		1.03
25℃	77°F		1,00
30°C	86°F	1	0.59
35°C	95°F		0.98
40°C	104°F		0.97
45°C	113°F		0.96
50°C	122°F	7	0.95

#### **Electrical Load**

AFR

		the state of the s												
Performance Package	SystemWatta (W)	1209	206V	240V	2779	347	467V							
- 11	21W	0.59	0.14	0,10	0.26	0.20	0.15							
P2	33.1W	0.93	0.54	0.66	0.40	0.22	0.23							
F2	147W	1.23	0.70	0.61	6.53	5.62	831							
N	187W	1.55	0.90	0.78	0.00	6.53	0.14							
PS	215WE	1.25	1.01	0.67	0.76	166	0.44							
P#	2400	2.03	1.17	1.01	0.58	0.70	0.31							

#### Projected LED Lumen Maintenance

Assessment of the last of the	50,000	75,000	100,000
LOCAL Property and solver	>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

Lamen 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

-	-	Set jeste.		03.	JX BL ₹				400						The state of the s					
Phy America		34		100		10	HE IS		10	1.3		-	1	T	T		69			
		12	10,540	2	d	1	139	11,033	1	12	1	133	11,631	2	0	1	133			
		R3	10,005	1	· a	7	TAI	10,997	- 2	0	1	155	10,992	- 7	-0	2	153			
		R35	10,271	1	0	2	743	17,285	1 1	Ö	2	157	11,285	7	0	1	157			
		14	30,196	1	- 0	1	141	11,136	12	.0	1	157	11,136	1.2	G.	1	15			
		845	9,779	21	0	1	138	10,744	2	- 5	1	151	10,744	2	Œ	1	15			
Pl	71W	15	32,171	4	- 5	1	145	17,263	1	á	1	159	11,285	1	0	2	151			
		H55	10,544	1	0	-1	149	11,365	1 3	0	2		11,565	1	0	2	16			
		AFI	10.129	ΤŤ	3	11	141	17,216	11	0	1		11.816	2		1	15			
		AFILI98	10,122	1	0	1	140	11,321	17	0	2	154	11,121	13	0	1	15			
		AFRL10	10,164	1 5	- 0	2	141	17,167	11	0	2	155	11.167	1 3	0	1	15			
_		112	15,712	Ħ	1	1	136	17,263	11	0	2	151	17,263	1 2	0	1 3	15			
		(3)	15,657	1	8	1	141	17,252	3	0	3	155	17,202	1	0	1	19			
		E35	16,075	1	9	1 2	141	17,641	2	0	2	155	17,661	2	9	2	150			
		BA		1			densely before	12,AET	14	0		157	17,427	12	0	1	15			
		841	15,862	12	0		138	16,815	1 1		1	151	16,875	2	0	2	15			
₽2	111W			1		1	145		3	0	3	159	17,661	3	0	1	19			
		12	16,075 M-582	1	8	1 5	143	12,661 18,110	4	1	2	163	18,130	1	4	15	16			
		AFIL	15,691	++	à	1	142		1	0	2	155	17,240	1 3	0	2	15			
		AFRESO		+	-	2	139	17,340	14	0	3	151	17,404	1	8	3	15			
		AFRL90	15.641	H	0	1		17,404	11	0	1	151	17,427	1	0	1	15			
			13.207	++		2	139		-	-	2	145	21,414	13	0	2	14			
		E)	19,855		8		132	25,814	1	- 5				13	- 4	4	14			
		U	19,795	1-6	0	1.1	125	21,717	1.3	.0	4	148	21,717	-			14			
		II35	30,111	3	0	1	133	32,317	103	2	3	149	22,317	1		-1	19			
	P3 147W	24	20,044	1	0	1.1	136	22,022	11	- 12	4	150	22,522	1	- 8	-				
P3		46	19,339	1	- 9	. 3	112	21,247	-1	0	3	145	21,247	3	0	1	14			
		15	30,111	1.5	3	3	158	72,317	1.1	. 1	1	152	22,117	5	1	1	15			
		155	20,852	- 4	.9	1.2	142	22,910	4	-0	1	154	22,910	4	0	2	15			
		AR	19,526		2	1	125	21,765	1	4	- 2	348	21,755	1 3	- 1	1.2	-14			
		AFRRO	20,017	1.6	0	-3	133	21,992	1.4	0	1	342	21,992	4	0	1	14			
		AFR190	20,131	1	- 0	3	134	22,084	- 4		3	147	22,564	4	0	1	14			
		112	22,936	1	0	2	130	25,090	1.2	1.0	2	132	25,090	12	9	1	13.			
		- 83	22,756	1	0	:4	122	25,002	3	0	4	134	25,002	3	0	4.	13			
		F35	23,363	1	0	1	129	25,668	1	. 0	- 1	135	25,668	1	0	1	13			
		14	23,054	3	0	- 4	125	25,329	-3	0	4	135	25,329	1.	D.	£	13			
24	187W	845	22,243	1.	4	1	119	25,033	1	1	3	_134	25,059	1.	- 8	ᆜ	13			
1.4	10711	15	23,363	- 5	0	3	125	25,669	3	0	4	137	25,660	3	0	4	13			
		855	23,963	1	. 0	1	128	34,150	-4	2	2	141	26,335	4	0	2	14			
		AFE	22,806	1	0	2	122	25.0i6	1.3	.0	2	134	75,056	1.3	2	- 2	13			
		AFRASO.	23,63	4	- 5	3	125	25,245	-4	0	3	113	25,295	14	0	1	12			
		AFRENO	25,120	4	0	1	122	25,401	4	. 0	1	134	25,401	4	- 0	1	. 13			
		12	26,141	1.1	. 0	2	122	38,721	3	0	1	135	26,721	3	0	2	13			
		Alt .	25,949	11	1	4	124	28,698		. 0	4	136	28,620	1	0	4	. 13			
		835	36,744	1.3	0	3	125	29,383	1	. 0	4	134	25,363	1	0	- 4	13			
		34	36,192	1	0	4	136	28,991	1.1	. 0	4	138	26,904	1		4	13			
P5	210W	145	2,40	E	0	-3	121	27,974	1	12	2	132	27,974	3	0	1	13			
L3	ZIUW	- 65	35,744	3.	0	4	127	29,383	1	. 2	4	140	29,353	1.5		- 8	14			
		155	17,854	4.	0	2	ui	30,163	4	0	-2	144	30,163	4	0.	- 2	14			
		45%	26,106	- 3	- 0	2	124	18,682	1.1	- 3	1	137	18,680	1	. 5	1	17			
		AFIRMO	26,354	4	.0	3.	123	29,955	3	0	1	136	24,955	1	0	1	13			
		AFRL96	25,865	4	. 0	1	174	29,007	1.5	10	)	136	29,077	1.5	3	- 3	1.13			
		A2	27,546	3:	0	2	112	30,374	1.3	0	2	123	30,374	1	4	7	12			
		#3	27,549	3	0	-4	113	30,267	1.3	0	4	124	10,267	1	D	4	12			
		R35	29,767	2	0	.1	115	31,075	1.2		-4	126	11,075	1	0	4	12			
		84.	27,905	3	0	- 4	118	30,563	13	.0	4	126	20,663	1	0	4	13			
	Hassaur	345	25,5735	1	ð	3	135	25,585	111	0	1	121	29,585	1	0	3	- 17			
P6	246W	15	28,264	5	1	4	116	31,875	-5	0	4	127	31,073	- 3	0.	4	12			
		855	29,435		3	2	179	31,000	1 5	.0	3	131	31,400	1.5	0	3	13			
		AFR	27.60E	1	0	2	112	30,312	13	0	2	123	10,332	1	0	2	12			
	1	AFHROD	27,372	1	0	1	113	32,622	5	0	1	124	10,622	1 5	0	3	13			
		AFRL10	37,565		0	1	113	30,751	1.5	0	1	125	10,751	-	9	î	12			



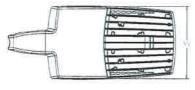
Lithonia RSXZ Area LED Rev 11/21/22 Page 4 of 9

#### Dimensions & Weights

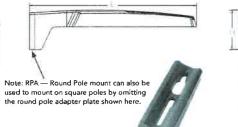
#### Luminaire Weight by Mounting Type

النبيرة من والمسالة	Tittal terminare Vingha
SPA	30 lbs
RPA	32 fbs
ME	10 Sec
WBA	. 33 lbs
WBASC	36 lbs
15	33 lbs
AASP	33 lbs
AAIP	35 lbs
AAWB	36 lbs
AAWSC	39 lb

#### RSX2 with Round Pole Adapter (RPA)

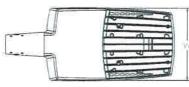


Length: 30.3" (77,0 cm) Width: 13.4" (34.0 cm) Height: 3.0" (7,6 cm) Main Body 7.2" (18.3 cm) Arm





#### RSX2 with Mast Arm Adapter (MA)

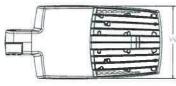


Length: 30.6" (77.7 cm) Width: 13.4" (34.0 cm) Height: 3.0" (7.6 cm) Main Body 3.5" (8.9 cm) Arm





#### RSX2 with Adjustable Slipfitter (IS)



Length: 28.3" (71.9 cm) Width: 13.4" (34.0 cm) Height: 3.0" (7.6 cm) Main Body 7.6" (19.3 cm) Arm

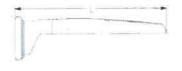




#### Dimensions

#### RSX2 with Wall Bracket (WBA)







#### Wall Bracket (WBA) Mounting Detail

Length: 31.2\* (79.2 cm) Width: 13.4" (41.7 cm) Height: 3.0" (7.6 cm) Main Body 8.9" (22.6 cm) Arm

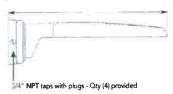






#### RSX2 with Wall Bracket with Surface Conduit Box (WBASC)







#### Surface Conduit Box (SCB) Mounting Detail

Length: 32.8" (83.3 cm) Width: 13.4" (41.7 cm) Height: 3.0" (7.6 cm) Main Body 9.2" (23.4 cm) Arm









#### RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)

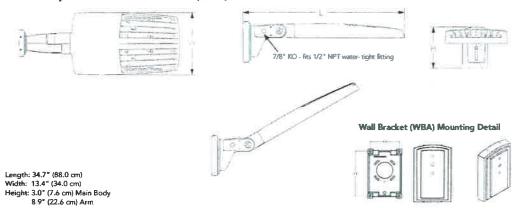


#### Notes

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°.

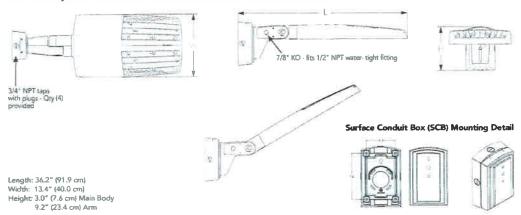
#### RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)



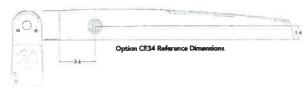


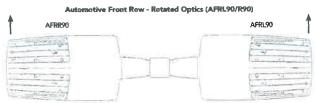
#### Dimensions

#### RSX2 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



#### **Additional Reference Drawings**





(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

#### nLight Control - Sensor Coverage and Settings

#### NLTAIR2 PIRHN nLight Sensor Coverage Pattern







			the law by	and the Property Service Printers		
Option	Durrined State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell fanc (occupancy time delay)	Ramp-up Terre [from unoccupied to occupied]	Ramp-down Time Users occupied to unoccupied?
HILTARIC PIRKIN	Аруков, 30% букрат	100% Output	Enabled = 1.59C	3.5 manutes	Diseasols:	Systems .

\*Note: NLTARZ PRINN default settings including photocell set-point, high/low dentelles, and occupancy sensor three delay are all configurable using the Clairty Pro App Sensor coverage pattern shown with luminaire at 0". Sensor coverage pattern shown with luminaire at 0". Sensor coverage pattern is selected when luminaire in titled

#### FEATURES & SPECIFICATIONS

#### INTENDED USE

ret returbed vasis. The RSX IED area family is designed to provide a long-taxting, energy-efficient solution for the one-for-one replacement of existing metal halided or high pressure addium lighting. The ISSZ delivers 11,500 to 31,000 tumens accis scaled for repsizing 2500 to 10,000 HIED policy-immunited uniminism in parking light. and other area lighting applications.

#### CONSTRUCTION AND DESIGN

The RSX LED area luminaire features a rugged die-cast aluminum man bozy met uses heat desipating has and flowethrough wenting to provide optimal triefmal management that both enhances LED performance and extends component Me. Integral "no drill" mounting arm allows entaines LCU performance and access component with a watery and using installation labor. The little luminare to be mounted on washing one in definings, greatly and using installation labor. The light engines and humaning are seate and against an installating and environmental contaminants to the The low-profile designs teached to be EPA, alled to the profile of the contamination of the profile CT36 31 35 Mountains include VBA. WBA with ASAMS ARAMS ARAMS and in 30 with various 1.5CL Mountains include VBA. WBA with ASAMS, ANAMS and ASAMS and 1.5C. with a profile Mountains of the VBA. WBA with ASAMS ARAMS and the SAMS ASAMS and the second of the se

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder ocat I nish that provides superior resultance to the return and what heart of A signify controlled multi-diagraph process activities superior adhesion as well as a maximum final thickness of 1 mile. The result of a high-quality finish that is warranted not to crack or peel

#### OPTICS

Frequien sonito retrattive lances are engineered for superior application efficiency, distributing The light has where if is needed more. As also in short and wide pattern distributions including Type 2. Type 3. Type 4, Type 45, Type 55, AFR (Automative Front Row) and AFR retailed AFFR the Card AFFR of the C

#### ELECTRICA)

Light engine(s) conligurations consist of high-efficacy LEDs mounted on metal-core circuit Doards bign anginety criminal has a sinks to maximize heat dissipation. Light segment as 1964 rated LED lumen and aluminum heat sinks to maximize heat dissipation. Light segment as 1964 rated LED lumen maintenance is 14.97/10.000 hours. CCTS of 3000C, 4000K and 5000K (minimum 70 CRI) are available. Fistures, ship standard with 0.10v climming driver. Class 1.9 decreases driver ensure system power factor 240% and THO <20%. Easily serviceable TBV 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 assumment of control options. Dusk to down controls include MVOLT and 347V button type photocells and NEMA birist-lock photocel receptacles.

#### **RUGHT AIR CONTROLS**

The RSX LED area luminaire is also available with nlight\* AIR for the ultimate in weeless control This powerful controls platform provides out-of-the-Eost basic motion sensing with photocopixal 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 when using factory default settings that provide base stand-alone motion occupancy dimming that is swindled on and off with a built-in-photose! Each char above for invoince stems or related to occupancy of the provided by the settings for more advanced wireless functionality, such as group omming, mulgith ARI can be commissioned using a simulphone and the early-louise CLAMITY app. hulgh ARI equapped luminance can be grouped, resulting in motion sensor and photocall group esponse without the need for additional equipment. Schaduled dimning with motion sensor science can be achieved when used with the nlught Edypsic Additional information about nlight Air can be tourned.

Integral "no doff" mounting arm allows for last, 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 amitting the RPA adapter plane. Select the "MA" option to attach the luminaire to a 2 3/6" horizontal mast arm or the "IS" option for an adjustable slightter that mounts on a 2.3/8" OD tenon. The adjustable slightter has an integral junction box and offers easy installation. Can be tilled up to 90° above horizontal. Admission mountings are available including a wall bracket, adjustable tilt arm for direct-to-pote and wall and a surface conduit box for wall mount application

#### LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for 4C°C. minimum ambient. DesignLights Consortium\* (DLC) Frem um qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC quartied. Please check the DLC Qualified Products List at to confirm which versions are

International Dark Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only US Patent No. D882-146S

BUY AMERICAN ACT
Product with the BAA option is assembled in the USA and meets the Buy America(n) government Product with the BMV option is assertance in the Committee of the Production of the

#### WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in the specification sheet create any warranty of any bird. All other express and implied warrants are disclaimed. Complete warranty earns to cated air.

Lithonia RSX2 Area LED

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





## WDGE2 LED

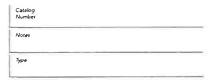
Architectural Wall Sconce Precision Refractive Optic











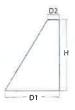
#### **Specifications**

Depth (D1): Depth (D2): 15" Height:

Width: 11.5" Weight:

13,5 lbs (without options)





#### Introduction

The WDGE 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 WDGE family provides additional energy savings and code compliance

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

#### WDGE LED Family Overview

ALL S			Town Town				-	da los estilla	MICHE NO		
Intellegine	брик	Statidard #M, 610	todia, art		10	TI.	771	71	H	75	Ph
WDGE1 LED	Visual Comfort	4W		-		1,200	2,000	-	=	=	
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	900	1,200	2,000	3,000	4,500	6,000	
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	<b>3</b> 5	
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	182	7,500	8,500	10,000	12,000	21	
WDGE4 LED	Precision Refractive			Standalone / nLight		12,000	16,000	18,000	20,000	22,000	25,000

#### Ordering Information

#### **EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD**

later	Package	Calco Semporature	(0)	Cottonian	Voltage	Mouse in g	
WDGE2 LED	P0 P1 P2 P3 P4	27K 2710K 30K 3000K 40K 4900K 50K 5000k AMB <sup>1</sup> Amber	70CRI <sup>4</sup> 80CRU LW <sup>2</sup> Limited Wavelength	TS Type I Shor! T2M Type II Medium T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium	MVOLT 3471 4801	Shipped included SRM Surface mounting bracket ICW Indirect Campy/Ceiling Washer bracket (dry/ damp locations only)*	Shipped separately AWS 3/8 nch Architectural wall spaces PBBW 5 urface-mounted beta box (esp. left, nght canduit entry). Use when there is no junction box available.

Options				-	
E10WH	Emergency harrery backup, Certified in CA Title 20 MAEDBS		iensors/Controls	DOBXD	Dark bronze
£20WC	(TOW, SPC min) Emergency battery backup, Certified in CA Title 20-MAEDBS	PIR	Bi-level (100/35%) motion sensor for 8-15 mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DBLXD	Black Natural aluminum
PE'	(18W, -20°C min) Photocell, Button Type	PIRH	Bi-level (100/35%) matter sensor for 15-30 mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DWHXD	White
DMG*	0-10V dimming wises pulled outside fricture (for use with an external control, ordered separately)	PIR1FGV	Bi-level (100/35%) motion sensor for 8–15' mounting heights with photocell pre- programmed for dusk to dawn operation	DOBIXD	Sandstone Textured dark bronze
BCE	Bottom conduit entry for back box (PBBW) Total of 4 entry points	PIRH1FC3V	Bi-level (100/35%) motion sensor for 15-30 mounting heights with photocell pre- programmed for dusk to dawn operation	DBLBXD	Textured black instured natural aluminum
BAA	Buy America(n) Act Compliant	Networked S	ensorx/Controls	DWHGXD	Textured white
		NLTATR2 PIR	nuightATR Wireless enabled bi-level motion/ambient sensor for 8-15 mounting heights	DSSTXD	Textured sandstone
		NETATR2 PTRH InLight AIR Wireless enabled believel mount variable in sensor for 15-10 mounting to			
		Seepage 4 for our	of ben functionality		



#### Accessories

WDGEAWS DOBXD WDGE 3/Ninch Architectural Wall Spaces (specify finnls)

WDGE2P8BW DDBXD U WDGE2 sw (ace-mounted back hor (specify fearb)

#### NOTES

- # PO option not available with sensors/controls

- P 1-P not available with AMB and LW

  AMB and LW always go together

  70CR only available with TIM and TAM

  34Th and 46DV not wailable with TIM and TAM

  34Th and 46DV not wailable with TIM and TAM

  34Th and 46DV not wailable with TIM and TAM

  54Th and 46DV not wailable with EMP or EDONC

  Not quelified for DLC. Not available with emergency battery backup or sensors/controls

  85TH and 16TH a
- 7 PE not available in 480V or with sensors/controls.
- # DMG aption not available with sensors/controls

#### Performance Data

#### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LW-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,

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		T2M	662	96	9	0	2	(69)	101	0	۵	0	728	106	0	2	0	719	104	. 0	.0	0	741	46	*		
PO	TW	THE	662	. 16	9	.0	0	693	101	8	U	0	728	106	0		0	719	104		.0	0	741	46	40	.0	
		T4M	648	91	0	0	0	671	98	0	0	0	712	103	0	0	0	704	102	0	9	0	726	47	\$		
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#### **Electrical Load**

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P1	14.1	-	-	-	=	0.046	0.031						
	19.0	0.168	0.106	0.095	0,083	100	-00						
P2	22.8		-	4	#	6.067	0.050						
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P3	37.1	-	-	-	-	0.107	0.079						
	470	0.412	0.234	0.207	0.185	-22°	-						
P4	53.5	-	5-0		-	0.153	0.112						

#### Lumen Output in Emergency Mode (4000K, 80 CRI, T3M)

toni .	(See
E10WH	1,358
E20WC	2,230

#### Lumen Ambient Temperature (LAT) Multipliers

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

Bris.		Listage Multiples
D°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	0.97

#### Projected LED Lumen Maintenance

Data references the anaropolated performance projections for the platforms need in a ZS\*C ambient, based on 10,000 hours of LED teating (rested per ESNA LM-80-02 and projected per IESNA LM-80-03 and projected per IESNA TM-21-13.

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.

Operatory House	0	25,000	50,000	100,000
Limen Merrimana famou	1.0	>0.96	>0.93	>0.87

#### Photometric Diagrams

To see complete photometric reports or download lies 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 90minutes

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



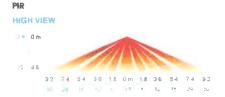
#### Control / Sensor Options

#### Motion/Ambient Sensor (PIR\_, PIRH\_)

Motion/Ambeint 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.





#### PIRH





	Series <sup>2</sup>	Signatured Colon trapped	Personal Spreador	Victor Saw Select	Series des	Surp-st
PER or PIRM	Motion - 3V (37% of full output) Photocell - OV (turned off)	10V (100% nutput)	Enabled @ 51c	5 mm	5 min	Motion - 3 sec Photocell - 45 sec
PHITFGY, PHINTFGY	Motion - 3V (37% of full output) Photocell - OV (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NETAIR2 PIR, NETAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - OV (turned off)	10V (100% suspect)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

#### Mounting, Options & Accessories



#### Motion/Ambient Sensor

0 = 7" H = 9" (Standalone controls) 11" (nLight AIR controls, 2" antenna will be pointing down behind the sensor) W = 11.5"



PBBW - Surface-Mounted Back Box Use when there is no junction box available.

D = 1.75\*

H = 9"

W = 11.5"



AWS - 3/8inch Architectural Wall Spacer

D=038\*

H = 4.4°

W = 75"

FEATURES & SPECIFICATIONS

#### INTENDED USE

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

#### CONSTRUCTION

The single-piece die-cast eluminum 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

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 changer without cracking or peeling. Standard Super Durable coloni include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes:

#### OPTICS

Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly<sup>th</sup> product, meaning it is consistent with the LEED<sup>a</sup> and Green Globes<sup>the</sup> criteria for eliminating wasteful uplight

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% turnmaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62 41 2) Fixture ships standard with 0-10v dimmable driver.

#### INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to A universal mounting place with majoring support arms allows the inclusive to hunge down for any access white majoring withing connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the well surface. The ICW option can be used to mount the luminaina 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

#### LISTINGS

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

#### BUY AMERICAN ACT

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.

Please refer to for additional information

#### WARRANTY

5-year limited warrenty. This is the only was entry provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at

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





#### **FEATURES & SPECIFICATIONS**

INTERDED USE — These specifications are for USA standards only. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and foodlights.

CONSTRUCTION —

Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a wellhable-grade, hot-willed, commercial-quality steet tubing with a minimum yeld of SS KS (11-gauge, 0.1797), or SD KS (7-gauge, 0.1797). Shaft is one-place with a full-length longitudinal high-frequency electric resistance weld. Uniformity square in crosssection with filst iddes, small come radii and excellent tersional qualities. Available shaft withits are 47,5° and 6°.

Pole Top: Options include 4" tenon top, drilled for side mount future, tenon with drilling (includes extra handhole) and open top. Side drilled and open top poles include a removable top cap.

Handhole: A reinforced handhole with grounding provision is provided at 18" from the base on side. A. Postiloning the handhole lower may not be possible and requires engineering vertices; consult Tech Support-Outdoor for further information. Every handhole indicates a cover and cover attackment handware. The handhole has a norminal dimension of 2.5" x5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications, Anchor boils are manufactured to ASTM F1554 Standards grade 55, (55 KS) in minimum yield strength and teosile strength of 75-95 KS). Top threaded portion (norminal 12") is but-dipped galvanized per ASTM A-153.

HARDWARE — All structural fast eners are high-strength galvanized carbon steel. All non-structural fast eners are galvanized or zinc-plated carbon steel or stainless steel.

FFBISH — Extra durable painted finish is coated with YGIC (Trighychlyl bocyanurate) Polyester powder than meets SA and SR classifications of ASTM 03359. Powder-toad finishes include Dark Breaze, Williag, Black, and Matanal Aluminum colors. Architectural Colors and Special Finishes are remainted by quote and include, but are not finished to Paint over Not-dispeed Galvaniated, RAL Colors, Custom Colors and Extended Warranty Finishes.

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.

Please refer to www.acutypeands,com/bay-americae for additional information

INSTALLATIONI — Do not erect poles without having futures installed. Factory-supplied remplaites rmust be used when setting anchor bolts. Lithonia Lighting will not accept dolor for incorrect andiorage placement due to failure to use Lithonia Lighting factory templates. If poles are stored outside, all protective wrapping yous? be removed immediately upon delivery to prevent finish damage. Lithonia Lighting is not responsible for the foundation design.

WARDARTY — 1-year limited inmrarity. This is the only warranty provided and no other statements in this iperification sheet create any warranty of any kind. All other express and limping warranties are disclaimed. Complete warranty terms focated at a year a completion of completion and the provided and provided an

NOTE: Actual performance may differ as a result of end-user overnment and application.

Specifications subject to change without notice.

Catalog Number	
Motes	
Туре	

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL



OUTDOOR POLE-5SS

SS								
eries	Nominal fixture mounting height	Nominal shaft base size/wall thickness	Mountings		Options		Fizzleb**	
955"	10'-39' (for I/2 ft increments, add-6 to the pole height Ex. 20-6 equals 20ft 6in.)  See technical information table for complete or complete or complete or definition.)	44. 4" Tig (0 120") 46. 4" 7g (0.179") 50. 5" 1g (0.129") 60. 6" 7g (0.179") See Cechnical information table for complete ordering information.)	Proper mounting PT Open top findudes top cap) 120 2-378 'D.D. (2* NP5) 125 2-378 'D.D. (2* NP5) 125 2-378 'D.D. (2* NP5) 130 3-1/2* O.D. (3* NP5) 133 4* O.D. (3-1/2* NP5) 135 4* O.D. (3-1/2* NP5) 135 4* O.D. (3-1/2* NP5) 144 'D. (3-1/2* NP5) 145 'D. (3-1/2* NP5) 145 'D. (3-1/2* NP5) 146 'D. (3-1/2* NP5) 147 'D. (3-1/2* NP5) 148 'D. (3-1/2* NP5) 148 'D. (3-1/2* NP5) 149 'D. (3-1/2* NP5	AERIST Suspend drill meentaid of the process of the	Shipped inst VD HAXY FOLAY CPLIZ/AY CPLIZ/AY CPLIZ/AY NPL	Vibration damper Hortrostal arm bracket (Instruer)* Festean auther less electricative 1/2* coupling* 1/4* coupling* 1/2* chopling* 1/4* threaded nipple* 3/4* threaded nipple* 1/4* threaded nipple* 1	DDBMD DBLXD DBLXD DWHXD DWHXD DSSXD DGCXD DTGAD DSBND DSBND DBBTXD DBBTXD DBBTXD DWHGXD QHet finit GALV Archarette Finishes	Dark bronze Black Black Natural aluminum White Sandstone Charcoal gray Teans green Bright red Steel blue Textured dark bronze Textured black Textured dark bronze Textured white Market aluminum Textured white Market aluminum Textured plack Textured finish real colors and Special Galvanized, RAL Colorson and Extended Finishes avoitable.

#### HOTES:

- 1. Handhole covers (PHC), full base covers (PBC) and top caps (RC) shipped separately No need to call out in namendature for additional parts please order as replacements.

  2. Wall bibbiness with a "C" (11 Gauge) or a "G" (7-Gauge) in nomendature "C" -0.173" | "G" -0.173".

  5. Wall bibbiness with be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomendature "C" -0.173" | "G" -0.173".
- 2. Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomendature "C" -0.120" | "G" -0.179".
- If it pen top poles individe top cap. When ordering tenon mounting and drill mounting for the same pole, follow this
  example: UMINTOC The combination includes a required extra handhole.
- 4. Refer to the future specisheet for the correct drilling template pattern and orientation compatibility.
- 5 All RAD drilling's require a minimum top O.D. of 4".

Accessories: Order as separate calabagoumber PL DT20 Plugs for ESX driffings PL DT8 Plugs for DM iouAS drillings

- 6 Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
- 7. On 4" and 5" poles, VD cannot be installed if provisions (EHH, FDL, NPL, CPL) are located higher than 2/3 of the pole's
- Example: Pole height is 25ft, A provision cannot be placed above 16ft.

- For "y": Specify orientation from handhole (A,B,C,D) Refer to the Handhole Orientation diagram below. Example: 1/2" coupling at 5'8", orientation ( = CPL12/5-8C
- Horizontal arm is 18" x 2-3/8" 0.D. tenon standard, with radius curve providing 12" rise and 2-3/8" 0.D. If ordering two horizontal arm at the same height, specify with HAzyy. Example: HAZ080.
- 10. FDL does not come with GFO outlet or handhole cover. These must be supplied by contractor or electrician.
- 17. Combination of tenon-top and driff mount includes extra handhole. EHH includes cover.
- 12. Provides enhanced corrosion reststance.
- 13. Use when mill certifications are required.
- Finish must be specified. Additional colors available; see Architectural Calors brochure linked nerg (Form No. 794.3) Lead times may be extended up to 7 weeks due to paint procurement.



Rev. 12/01/22

JamisonqqA	. 4-4				haug tu di	iw (fr)) ASS				7.79 H-M	said thad 2 shof	Isnimoli	
Ingiaw qista (.zdl)	sais 1604 (.ni x .ni x .ni)	Folt circle (in)	Max. Meight	H4M oor	.xeM rAgisw	H4M 06	J. J	H9M 08	əfinerg	Mall thick (m)	qoT n.mi əsəd) (,ft x,ml	digest tendt (ft.)"	radmuli golata.
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00£	Exal x 4/5	6-8	£67	Eu	878	131	961	661	11	0.120	OPLIOP	H.:	252 1¢¢C
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542	ExDEX A/E	6-8	581	V.S.	981.	CL	0/2	10.8	4	J6/170	0.25.r0.h	57	222 52 46
572	3x3Exf	71-01	051	1.5	LSL	6,3	542	8.6	LE	0.120*	0,25,0,2	57.	22 52 56
096	>x9E1L	10-15	338	56	333	££1	£99	2.81	L	.6/170	0.25 ± 0.2	Ω	222 572 26
562	1/4×30×3	6-8	59	97	OLI	FF	891	<i>L</i> 9	1	.6/1.0	4,0 x 30.0	90	222 30 46
597	*x36x[	71-01	-		05	7	OSL	CV	11	G150.	0.05 # 0.2	06	222 3 0 5 C
380	2x36xf	71-01	001	61	<i>(</i> 91	19	£92	7.01	4	-6/10	0.0€ x 0.2	30	92 30 355
250	>×9£×1	11-13	577	6	930	13.2	54+	61	1	-6/LTD	0.06±0,0	OE	222 30 90
000	>x9£#[	71-01	12	-	100	57	051	6.2	L	-62170	0 SE × 0 S	SE	95 56 555
015	>x3Exf	EL-LL	SOL	4.2	06L	9.7	310	171	L	-6/10	0.25.10.8	SE	99 S E SSS

NOTE: " EV ratives are based 82CE 7.93 wind map, For FSF increments, add to the pelo highly. Ex. 20-6 equals 20ft bin

-idtimmed	17	Vel. 021	M	ueu uar		Mari VLL				ST PER A				_		ICAL INFO	_
játa stantomaggA (.zdl) zágisve	Jacki Silgions	Halwort	-xaM Jripiere	HJW 00-L	Majere	HAWOEL	.xsM rigion	Haw ozt	XEM Mpiew	NATI OLL	Maint Majort	199.14 OOF	Mak. Majdore	H414.09	MARE THEME MARE	Mounting Mounting	zain
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SZZ		-	-		-		-	- 2			05	t	ELL	57	75	57	- 5
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167	1.0	+	38		-	12	1.5	*	1.2	36	*	28	8€	5"1	94	0E	SS
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075	35%	- 5	135	18.1	- 51	1.5	IIE.		£9	57	051	9	522	11	79	OE	55
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NOTE. 6/3/1/12 (2017 coldult at the minut with each entire \$176 coldult at the coldulus and coldulus at the coldulus at the coldulus and coldulus at the coldu

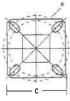
For 1/2 ft increments, add -6 to the pole heign? Ex. 20-5 equals 20th kin

K€4" 15/01/25

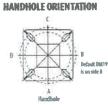
#### **BASE DETAIL**



POLE DATA							
Shaft bare size	Bult circle A	Bolt projection B	Base square C	Base plate thickness	Tompisto description	Ancher bolt description	Anchor belt and template description
erc .	6°-9°	3.25"- 3.75"	8"-8.25"	0.75°	ANTEMPLATE PISCODA	ABTB-0	ABSSS-4C
46	6"-9"	3.38"-3.75"	8*-8.25*	0,875"	ABITEMPLATE PISQUO4	A830-0	ABSSS-46
5"	10" - 12"	3.5"-4"	11"	1"	ABTEMPLATE PISODIO	AB36-0	ABSSS-5
6	11" - 13"	4"- 4.50"	12.5"	r	ABTEMPLATE PEOGTI	AB36-0	N/A.







#### METERAL DISTALLABOR BUTES:

- Do not exect poles without lawing features installed.
- Factory-supplied broughters must be used when suiting and/or boils. Litinois Lightley will not accept chain for inserect anchorage placement due to failure to use Ethonia Lighting factory templates.
- If poles are stored outside, all protective wrapping result be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.
- Bolt circles have +/- 1/2" tolerance.

CAUTION: These approximations are unreaded for general purposes only. Littlewis Lightning reserves the right to change implemel or design, without prior notice, in a continuing effort to approach as products.

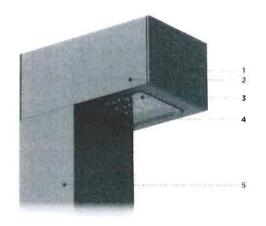


## BVA11B/BVA12B SERIES

Bellevue BOLLARD

TYPE: \_\_\_\_\_ QUANTITY: \_\_\_\_ PROJECT:

CATALOG NUMBER: \_\_\_\_\_ MODEL LED LIGHT CCT VOLTAGE FINISH OPTION OPTION OPTION SELECTION



- Front cover constructed of corrosion resistant aluminum.
- 2- 4.5" (114mm) x 6" (152mm) Extruded aluminum optical
- 3- Available in configurations of 9 LEDs or 18 LEDs
- 4- Clear tempered glass.

42 5

(1016mm)

5- 4.5" (114mm) x 6" (152mm) 6063-T6 aluminum pole. 0.125" wall thickness. All stainless steel hardware.





#### **MATERIALS**

Bellevue bollard is made of 6063-T6 extruded aluminum alloy LED board is assembled on a thick extruded aluminum profile and protected by a clear tempered glass. The acrylic optics provide a wide range of IES type distribution. The driver is mounted inside the fixture which is accessible from the back of the fixture head for ease of maintenance.

#### **ELECTRICAL**

DRIVER Standard driver is 120-277V multi-volt compatibility (50-60Hz), 0-10V dimming-ready (dims to 10%), Optional 347/480V, 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.

Type I, II, III, IV light distribution via high performance optical lenses.

Offered in 2700K, 3000K, 3500K, 4000K / 80 CRI.

Optional true amber LED for turtle sensitive areas.

#### LIFETIME

60,000hrs L70B50 (based on LM-80 report for lumen maintenance).

Wavelengths: 584 5nm to 597nm

#### **FINISH**

Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish

#### CERTIFICATION

Certified and Approved as per CSA C22.2 No. 250.0 standard and ANSI/UL 1598 standard, for wet location. Rated IP65. Rated IK10

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.

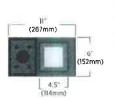
#### MOUNTING

Maximum weight 25 lbs (11.3 kg)

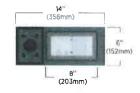
Believue is designed for ease of access and installation.

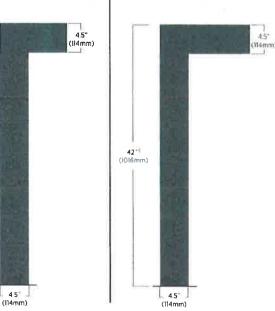
The head is secured on a mounting bracket that is accessible from the inside The base plate is secured with a set of (4) 3/8"- $16 \times 10$ " ig. galvanized hook anchor bolts.

#### **BVA11B**



# BVA12B





## BVA11B/BVA12B SERIES Bellevue

#### **LUMINAIRE SELECTION - BVA11B/BVA12B**

HT SELECTION			€ CCT 'K	LED	4 VOLTAGE '	6 FINISH	
ED SELECTION							
SUFFIX	DELIVERED LUMENS	INPUT WATTS	TEMPER!	TURE'	STANDARD	STANDA	RD COLORS
LILIO-TYPI	1205	11W	K27	2700K	LI 120V	∴ WHT	Snow white
DLILI6-TYPI	1846	19W	<b>K30</b>	3000K	☐ 208V	🗇 ВКТ	Jet black
CL1L24-TYPI	2635	30W	<b>K35</b>	3500K	CI 240V	□ BZT	Bronze
			K40	4000K	L1 277V	□ MST	Matte silver
J LILIO-TYP2	1072	11W				GRT	Titanium gray
□ L1L16-TYP2	1643	19W				DGT	Gun metal
		30W				CHT	Champagne
						SGT	Steel gray
11 11 10-TYP3	977	IIW					English cream
T. C. C. C. T. T. T. C.	2.0.	•••			OPTIONAL	OPTIONA	L COLORS
11 11 10-TYP4	904	11W					
							Custom color
LIL24-TYP4	1976	30W			☐ 480V	RAL	RAL# color
	GLILIO-TYPI DLILI6-TYPI GLIL24-TYPI GLIL24-TYPI GLIL24-TYP2 GLILI6-TYP2 GLILI6-TYP3 GLILI6-TYP3 GLILI6-TYP3 GLILI6-TYP4 GLILIO-TYP4	SUFFIX DELIVERED LUMENS*	SUFFIX   DELIVERED LUMENS*   INPUT WATTS	SUFFIX   DELIVERED LUMENS*   INPUT WATTS   TEMPERA	SUFFIX   DELIVERED LUMENS*   INPUT WATTS   TEMPERATURE*	SUFFIX         DELIVERED LUMENS*         INPUT WATTS         TEMPERATURE*         STANDARD           □ LILIO-TYPI         1205         11W         127         2700K         LI 120V           □ LILIG-TYPI         1846         19W         K30         3000K         □ 208V           □ LILIG-TYPI         2635         30W         K35         3500K         □ 240V           □ LILIO-TYP2         1072         11W         4000K         LI 277V           □ LILIG-TYP2         1643         19W         4000K         LI 277V           □ LILIG-TYP2         2345         30W         50         60           □ LILIG-TYP3         1497         19W         19W         00         00           □ LILIG-TYP4         904         11W         00         00         00         00           □ LILIO-TYP4         1384         19W         00	SUFFIX DELIVERED LUMENS' INPUT WATTS TEMPERATURE'  STANDARD  STAN

#### AMBER LED SELECTION - TURTLE FRIENDLY

TYPE	SUFFIX	DELIVERED LUMENS	INPUT WATTS	
TYPE I	□ LILK2A-TYPI	349	8W	
TYPE II	□ LILK2A-TYP2	311	BW	
TYPE III	□ LILK2A-TYP3	283	8W	
TYPE IV	□ L1LK2A-TYP4	262	8W	

# LI BVA12B

TYPE	SUFFIX	DELIVERED LUMENS	INPUT WATTS
	L2L26-TYP1	2957	29W
TYPE I	L2L34-TYPI	3692	38W
	L2L40-TYPI	4248	46W
	L2L26-TYP2	2632	29W
TYPE II	L2L34-TYP2	3285	38W
	UL2L40-TYP2	3780	46W
	L:L2L26-TYP3	2398	29W
TYPE III	□ L2L34-TYP3	2994	38W
	□ L2L40-TYP3	3445	46W
	L2L26-TYP4	2218	29W
TYPE IV	L2L34-TYP4	2769	38W
	DL2L40-TYP4	3186	46W

#### AMBER LED SELECTION - TURTLE FRIENDLY

TYPE	SUFFIX	DELIVERED LUMENS	INPUT WATTS	
TYPEI	LJ L2LK2A-TYPI	698	16W	
TYPE II	□ L2LK2A-TYP2	621	16W	
TYPE III	L2LK2A-TYP3	566	16W	
TYPE IV	□ L2LK2A-TYP4	524	16W	



For IDA certification compliance, luminaire must be ordered with 3000K or warmer.



## **BVA11B/BVA12B** SERIES Bellevue

#### **OPTIONS**

#### PHOTOCELL

Thermal button photocell mounted on top casted housing (as shown on □ PH image). Instant turn-on, standard 5-10 second turn-off time delay.

#### FUSE SAFETY

☐ FS

#### SURGE PROTECTOR

10kV surge protector

#### FAUX WOOD COLORS 1

☐ ADG American douglas □ BRC Birch

☐ CHN Chestnut Cherry ☐ CRY

□ KNP

Knotty pine

□ RSW ☐ TEK ☐ WLN

☐ MPL

□ OFL

Teak

Maple

Rosewood

Oak

#### GROUND FAULT CIRCUIT INTERRUPTION 1

□ GFI Ground fault circuit interruption flush receptacle. Access door secured with torx screws.

#### **ENVIRONMENT**

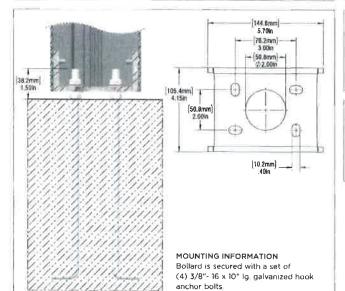
☐ MG Marine grade paint 2

□ NT Natatorium (only available in WHT and BKT)

- 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
- Marine grade paint for harsh, coastal environment and exposure to salt water.
   Longer lead time may apply please contact factory for info
   GFI option are installed 27" above grade. GFI flush cover. GFI receptacle by others
- 120V required for GFI
- 4- Faux wood finish not applied to the fixture head
- 5- For additional height, contact factory Longer lead time may apply

#### MOUNTING INFORMATION

## **OPTIONS DETAILS**





Button thermal photocontrol mounted on the top of the fixture as shown



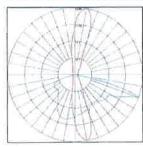
Ground fault circuit interruption flush receptacle



LUMINIS :

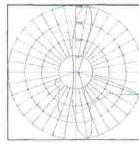
# BVA11B/BVA12B SERIES Bellevue

#### TYPICAL PHOTOMETRY SUMMARY



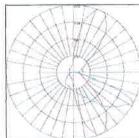
#### BVA11B-L1L24-TYP1

Delivered tumens 2635 lumens Power consumption 30 5W Efricacy 87 Lumens/Watt Maximum Candela 1466 @ 80°H/70°V BUG BI-U0-GI



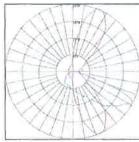
#### BVA12B-L2L40-TYPI

Delivered Jumens 4274 Jumens Power consumption 46 3W Efficacy 92 Lumens/Watt Maximum Cande a 2364 @ 80°H/70°V BUG 82-U0-61



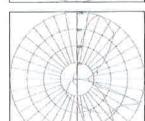
#### BVA11B-L1L24-TYP2

Delivered lumens : 2345 lumens Power consumption 305W Efficacy 77 Lumens/Watt Maximum Candela 1195 @ 6891/62°V BUG : 81-10-G0



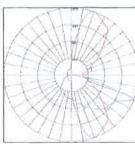
#### BVA12B-L2L40-TYP2

Delivered iumens : 3780 lumens Power consumption 46.3W Efficacy 81 Lumens/Watt Maximum Candela : 2438 @ 68°H/62°V BUG 81-U0-G1



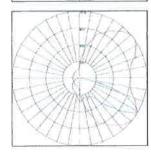
#### BVA11B-L1L24-TYP3

Delivered lumens 2145 lumens Power consumption 30.5W Efficacy 70 Lumens/Watt Maximum Candela 1195 @ 70°H/68°V BUG B1-U0-G0



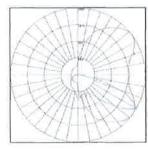
#### BVA12B-L2L40-TYP3

Delivered fumens 3445 lumens Power consumption 46.3W Efficacy 75 Lumens/Watt Maximum Candela 1937 @ 70fH/68FV BUG BI-U0-GI



#### BVA11B-L1L24-TYP4

Delivered fumens 1976 lumens Power consumption 30.5W Efficacy 65 Lumens/Watt Maximum Candela 1216 @ 388H/60\*V 8UG B1-U0-G1



#### BVA12B-L2L40-TYP4

Delivered lumens \_ 3186 lumens Power consumption 46.3W Efficacy 69 Lumens/Watt Maximum Candela 1961 @ 38<sup>3</sup>H/60°V BUG BI-U0-GI

LUMEN CONVERSION FACTOR (LCF)

ССТ	LCF	CRI	
2700K	0.91	80	
3000K	094	80	
3500K	0.98	80	
4000K	1.00	80	



# 520 Sentinel

Project:		 	
Location:		 	

Catalog Number

MODEL

WATTS

**FINISH** 

OPTION(S)

Example: 520-1LED14-BLK-40K

520



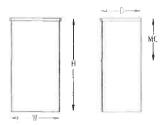
Small and compact, with a powerful downward punch of light and direct cutoff, the Sentinel is a very efficient luminaire. Utilizing an LED source, this product is perfect for porches and outdoor staircases as well as grazing desirable walls.

#### Features:

- Small compact fixture provides ample amount of downlight
- Brushed aluminum or painted finish
- Custom laser cut images available. Consult factory for pricing
- Bottom lens standard
- Compliant with all ADA requirements
- Standard 0-10V dimming driver, 120-277V MVOLT
- Listed and approved for wet locations
- Manufactured in the USA

Dimensions

Width Height Depth





A 4" octagonal Junction box should be used for installation MC = Mounting Center, located at center of fixture unless noted otherwise

#### Ordering Information/Options

N	1odel	Watts			Finishes		Options	
5	20	1LED9	1100 Lumens		WHT	White	PC	Photo Cell
		1LED14	1550 Lumens	MVOLT	BLK	Black	30K	3000 Kelvin Temperature
		1LED19	2000 Lumens		SAL	Silver	35K	3500 Kelvin Temperature
					BRZ	Bronze	40K	4000 Kelvin Temperature
					BA	Brushed Aluminum		



PHONE: 509.924.0243

www.indessa.com

WET (







# VIA 4 SEAL

PENDANT

DIRECT, DIRECT/INDIRECT

STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES



# LUMENWERX



Project:

Туре

#### DESCRIPTION

Sealed with silicone gaskets, Via Seal fixtures are intended for wet locations and can be pendant, surface, wall, or recessed mounted. They can act alone as discrete luminaires, or be arranged in continuous lines or patterns. Via 4 Seal is surtable for wet locations where temperatures are moderate and in which spaces are regularly wiped down and frequently in contact with debris and/or moisture. The fixture can be used to create continuous, unbroken lines of light. Via 4 Seal is also offered as Wet Listed certified by ETL (Electrical Testing Laboratories), in which case, it is able to withstand smaller particles of debris and light water infiltration. Via 4 Seal Wet Listed can also be used to create continuous lines of light, but with subtle breaks at 12-foot increments. See separate spec sheets for patterns and other available mountings

For latest information



IMPORTANT with direct lens facing down

**IK05** 





#### Up to 117 lm/W performance Order Guide click

LUMINAIRE ID	DISTRIBUTION	ENVIRONMENT	DIRECT OPTIC	INDIRECT OPTIC Enecify NA for Direct firture	LIGHT SOURCE *
V4SEALP					
V4SEALP Via 4" Seal Pendant	D Direct Di - Direct/Indirect	WET 1 Wet Suitable (IP44) WETL 14 Wet Listed (IP54)	EPDO Environmentally Protected Direct	EPIO Environmentally Protected Indirect Optic ASIO 3 Asymmetric Soft	SW - Static white BIOSST - Static biologically optimized lighting
Pendant	Not available with WETL option	See page 4 for mare information on each environment option.  "Suitable for outdoor city runments only when installed under canopy. Not suitable for extreme weather environments Consult factory for low temperature applications.  Can be dightly excessed to water, A minimal shadow line visible at every 12. Not available with Direct/Indirect.	Optic ASDO Asymmetric Soft Direct Optic	Indirect Optic WIO2 5 Widespread Indirect Optic NA - Not applicable	BIOSDY - Dynamic biologically optimized lighting  Chromawarx Sola and Duo also available Consult other specishest

CRI	DIR. LUM. PACK.	INDIR, LUM, PACK. Specify NA for Direct ficture	COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE	DRIVER #
80 - 80 CRI 90 7 90 CRI Not available with BIOS	500 Low output 500 Im/ft 750 Medium output 750 Im/ft 1000 High output 1000 Im/ft 'Not available with BIOS	500 Low output 500 lin/ft 750 Medium output 750 Im/ft 1000 High output 1000 Im/ft NA Not applicable Not available with BiOS	27 to - 2700K 30 3000K 35 3500K 40 4000K 50 to 5000K Not available you BIOS	#FT#IN <sup>II, 12</sup> Specify nominal length (II) in 1' and/or 1" increments  Standard nominal lengths: Single units: 2' - 12' Continuous runs lengths over 12'  Molman 3' for Direct/indirect rised by With BIOSDY, specify in 2' increments only.	120 120V 277 277V UNV 120V-277V 347 3 347V Available with Disply	D1 1% 0 10V D4 1 DAL) LTEA2W ** Lution 1% - 2 wire FP 120V LDE1 ** Lutron Hi-lume 1% Eco ELD1 eldoLED 1% ECOdrive 0 10V ELD0 eldoLED 0 1% SOLOdrive 0 10V LTD10 ** Low temperature 10% 0 10V  Pac (Rower aver Etheriset) compatible Consult factory for details On site commissioning is retuined. Available with 120V only Suitable for temperatures down to 40°C/7.

ELECTRICAL	ELECTRICAL SECTIONS (optional)	POWER FEED	MOUNTING #	FINISH	OPTIONS
		TF			
IC 1 circuit  2C * 2 circuits   #MC * Multi circuit  EC Emergency-powered fixture  NL * Night light fixture  DL * Daylight fixture  The state of the	#EC## 35 Emergency powered section #NL## 35 Night light section #DL## 35 Daylight section #GTD## 35 Daylight section #GTD## 35 Emergency pattery NA - None  Specify with multi-creus (#MC) electrical operancely Provide urasing or layout specifications Consult factory for other configurations. Details section length is A. Specify multitly (#), and section length in inches (##) Monomers A section Nationalistic for environments where the amount temperature falls below 0°C (32°F). Specify quantity (#) All batteries will be on the capite circuit Sachia battery pewers A Section For Circe/Undirect.empinsum 8° feature.	TF Top feec	STS Stem, standard STC() Stem, custom See page 2 for ordering details	W Matte white AL Aluminum WA White antimicrobial Silverwerx CF# Custom finish, specify RAL#	NATA Natatorium finish CRF Corrosion resistant finish NA None

Lumen werk reserves the light to modify product specifications without not heating © Lummwesk U.C. Affidable retrieved VAMSEAL PENDANT SPECIFIEV3 - September 2, 2022







LUMENWERX

PENDANT

DIRECT, DIRECT/INDIRECT

STATIC WHITE, BIOS ST/DY

### Pendant Mounting Code

### Standard

For a standard mounting, please refer to the information below.

### STS - Stem, standard

Ø5" for power canopy

Ø5" for non-power

Canopies are white

Stem finish is the same color as fixture

Stem length is 18"

Stem is not field adjustable

### Custom

### Stem

For a custom mounting, specify the options in the parentheses

Example STC(5NPC-36-W STW-SLS)

MOUNTIN	1G				
STC()					
	NON-POWER CANOPY SIZE	STEM LENGTH	CANOPY FINISH	STEM COLOR	OPTIONS
STC	5NPC - Ø5" non-power canopy	18 - 18" 36 - 36" # ! - Specify length in inches "Min mum length is 6" Maximum length s 72" Stem is not Feld adjustable	W - White AL - Aluminum B - Black CF# - Custom finish, specify RAL #	STW - White STAL - Aluminum STB - Black STCF# - Custom finish, specify RAL#	SLS - Sloped ceiling for stem NA - None





### LUMENWERX

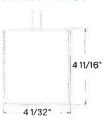
PENDANT DIRECT, DIRECT/INDIRECT STATIC WHITE, BIOS ST/DY VIA WEATHER SERIES

### Section Views



























### LUMENWERX

PENDANT

DIRECT, DIRECT/INDIRECT

STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES

### **Environment Options**

The Via Weather Series offers four levels of protective sealing. Level 1, Level 2, Level 3, and Level 4 Via 4 Seal is available with two environment options. Wet Suitable (WET) at Level 1, and Wet Listed (WETL) at Level 2. For other levels of protective sealing, please see Via Wet spec sheets for Level 3, and Via Splash spec sheets for Level 4

trights application that requires wipe down
Ourdoor application with restrictions under canopy only
Continuous line of light over 12 ft

(IP44) (WET)	(WETL)
•	•
•	×
<b>[•</b> ]	•
•	1.0
•	•
X	•
•	×
•	•
X	•
•	•
•	×
×	•

VIA45EAL-PENDANT-SPEC-REV3 September 2, 2022









PENDANT DIRECT, DIRECT/INDIRECT STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES

### Photometrics

MULTIPHER TABLE Please follow the multiplier table to ensure correct lumen value CCT and CRI, will change the lumen output

### Multiplier - CCT/CRI

CCI (K)	WA	TTS	LPW.				
	CRI 90	CRI 90	CP) 80	CRI 90			
2700	106	127	094	079			
3000	102	123	0.98	0.81			
3500	1.00	119	1.00	0.84			
4000	100	118	1.00	0.85			
5000	0.95	112	105	0.89			

### DIRECT







### EPDO - Delivered Lumens at 40K at 80 CRI

LUMENS PER FOOT	TOTAL LUMENS PER AFT	INPUT WATTS	LPW
500	2000	198	101
750	3000	307	98
1000	4000	42.3	95

### ASDO - Delivered Lumens at 40K at 80 CRI

LUMENS PER FOOT	TOTAL LUMENS PER 4FT	INPUT WATTS	LPW
500	2000	177	113
750	3000	279	107
1000	1000	39	103





LUMENWERX

PENDANT

DIRECT, DIRECT/IND RECT

STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES

### Photometrics

### DICECTAND OF THE WITH EDGE

Delivered lumens at 40K at 80 CRI for all optics.







EPDO - EPIO

EPDO - ASIO

EPDO WIO2

### DIRECT/INDIRECT WITH ASDO

Delivered lumens at 40K at 80 CRI for all optics.







ASDO - EPIO

ASDO - ASIO

ASDO - WIO2

500 756 1000 756 1000 750 1000 750 1000 750 1000 1000 10	FT	NOM LM/		TOTAL LM/4FT	INPUT	LPW	LM.	FT.	NOMIN LM/4F	
D	- 1	D	1	FIMIL-1	WATTS	10 0 15	D	1	D	
EPDO	EPIO						ASDO	EPIO		
	500		2000	4000	404	00		500		
500	750	2000	3000	5000	52.4	95	500	750	5000	
	1000		4000	6000	65.5	92		1000		
	500		2000	9000	513	97		500		
750	750	3000	3000	6000	633	95	750	750	3000	
	IOOO		4000	MOOK)	764	92		1000		
	500		2000	6000	62.9	95		500		
1000	750	4000	3000	7000	'74 9	93	1000	750	4000	
	1000		4000	0008	880	91		1000		
EPDO	ASIO						ASDO	ASIO		
	500		2000	4000	367	109		500		
500	750	2000	3000	5000	463	108	500	750	2000	
	1000		4000	6000	566	106	1	1900		
	500		2000	5000	476	105	1	500		
750	750	3000	300G	6000	572	105	750	750	3000	
	1000		4000	7000	675	104		1000		
	500		2000	6000	59.2	101		500		
1000	750	4000	3000	7000	68.8	102	1000	750	4000	
	1000		4000	8000	791	101		1000		
EPDO	WIO2						ASDO	WIO2		
	500		2000	4000	36.4	110	t I	500		
500	750	2000	3000	5000	45.9	109	500	750	2000	
	1000		4000	6000	SS 9	107		1000		
	500		2000	5000	4/3	105		500		
750	750	3000	3000	6000	56.8	106	750	750	3000	
	1000		4000	7000	66.8	IO <sup>r</sup> i	1	loon		
	500		2000	6000	58.9	102		500		
1000	750	4000	3000	7000	68.4	102	1000	750	4000	
	1000		4000	8000	78 4	102		1000		

LM/FT		NOM LM/	HNAL 4FT	TOTAL	INPUT	LPW
D	.1	D	1	LM/4F1	WATTS	
ASDO	EPIO					
	500		2000	4000	38.3	104
500	750	5000	3000	5000	50.3	90
	1000		4000	6000	63.4	95
	500		2000	5000	485	103
750	750	3000	3000	6000	605	99
	1000		4000	7000	73.6	95
	500		2000	6000	59.6	101
1000	750	4000	3000	7000	716	98
	1000	i	4000	B000	847	94
ASDO	ASIO					
	500		2000	4000	346	116
500	750	2000	3000	5000	442	113
	1000		4000	6000	54.5	110
	500		2000	5000	44.8	112
750	750	3000	3000	GOOO	54 4	110
	1000		4000	7000	647	108
	500		2000	6000	55.9	107
1000	750	4000	3000	7000	65.5	107
,	1000		4000	8000	75 8	106
ASDO	WIO2					
	500		2000	4000	34.3	117
500	750	2000	3000	5000	438	114
	1000		4000	6000	538	m
	500		2000	5000	445	112
750	750	3()()r)	3000	6000	54.0	Ш
	1000		4000	7000	64.0	109
	500		2000	6000	556	108
1000	750	4000	3000	7000	651	108
	1000		4000	8000	751	106







# VIA 4 SFAI

PENDANT DIRECT, DIRECT/INDIRECT STATIC WHITE, BIOS ST/DY

### **Technical Specifications**

### EMPECT OPTICS

### **Environmentally Protected Direct Optic (EPDO)**

The Environmentally Protected Direct Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. This extruded snap-in lens has a gasket to ensure proper sealing. The lens is 1/16" thick and made of frosted polycarbonate. Internally, white, side kicking reflectors guide the light through the lens. The EPDO suits moderate climate environments.

### Asymmetric Soft Direct Optic (ASDO)

The Asymmetric Soft Direct Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. This extruded snap-in lens has a gasket to ensure proper sealing. The lens is 1/16" thick and made of frosted polycarbonate. Internally, white, side kicking reflectors specifically angled to guide the light through the lens to create a nice asymmetric distribution. The ASDO suits moderate climate environments

### LUMENWERX

### Environmentally Protected Indirect Optic (EPIO)

The Environmentally Protected Indirect Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. The lens is 1/16" thick and made of frosted polycarbonate. This extruded snap-in lens has a gasket to ensure proper sealing. The EPIO suits moderate climate environments.

### Asymmetric Soft Indirect Optic (ASIO)

The Asymmetric Soft Indirect Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. The lens is 1/16" thick and made of clear polycarbonate. This extruded snap-in lens has a gasket to ensure proper sealing. The total internal reflection and surface scattering optic is specifically angled to guide the light through the lens to create a nice asymmetric distribution. The ASIO suits moderate climate environments.

### Widespread Indirect Optic (WIO2)

The Widespread Indirect Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. The lens is 1/16" thick and made of clear polycarbonate. This extruded snap-in lens has a gasket to ensure proper sealing. The total internal reflection and surface scattering optic offers an impressive 160° spread. WIO2 creates an even illumination for smooth brightness on the ceiling that can achieve uniformity ratios of up to 2:1. The WIO2 suits moderate climate environments

### Uniformity [max/min]

Based on 18' continuous runs, in a 20' x 40' room, 10' wall height

Mounting height from	(Ce	Spacing enter to cent	er)
ceiling	8	10'	12'
24"	3.0	5.5	8,0
36"	2.0	3.0	4.5
48"	2.0	20	3.5







Lumenwerk reserves the right to medify

# A 4 SFA

PENDANT DIRECT, DIRECT/INDIRECT STATIC WHITE, BIOS ST/DY VIA WEATHER SERIES

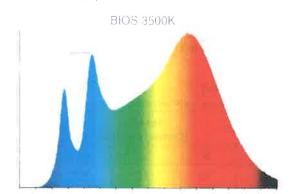
#### EROHE SOUTHER

Custom linear array of mid-flux LEDs are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 2700K, 3000K, 3500K, 4000K and 5000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM\_LEDs operated at reduced drive current to optimize efficacy and lumen maintenance.

All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated



BiOS SkyBlue™ Technology is designed to provide the specific circadian stimulus to improve overall sleep quality, recovery during the night, and overall feelings of well-being. The non-visual light signals that stimulate our circadian system. have peak intensity in the "sky blue" region. As the diagram below illustrates, BIOS SkyBlue technology shifts the peak LED spectral intensity (490 nm) to align better with the peak response of circadian stimulus. Also note the enhanced deepred (near 660 nm) spectrum:



### LUMENWERX



WELL for Light - The WELL building standard focuses on light quality in several features. There are three categories that are fully attributed to the construction and features of a luminaire. In WELL V1, it's Feature 54 Circadian Lighting, Feature 55 Glare Control, and Feature 58 Color Quality In WELL V2, it's Feature L03 Circadian Lighting, Feature LO4 Glare Control, and Feature LO7 Electric Light Quality.

This fixture meets Features:

- Feature 54 or LO3 when BIOS LED is selected
- Feature 55 or LO4 meets WELL glare category (c-d) (not applicable with 1000 lm/ft)
- Feature 58 or L07 when 90 CRI is selected

All LED drivers used at Lumenwerx are deemed to have a low risk level of flicker, of 5 % or less below 90Hz operational as defined by IEEE standard 1789-2015 LED.



WELL for Mind -This luminaire meets WELL for mind as it is a human centric luminaire offering quality light, excellent color, and smooth optics. If any of these features are incorporated in a luminaire, it can improve the ability to focus, concentrate, and persist longer on a given task. This fixture harmoniously operates in a space to assist the mind.

For more information, please contact well@lumenwerx.com

Via 4 Seal is available in standard lengths of 2' to 12', Continuous runs are available for run lengths over 12'. Exact run length must be noted in the product code. The minimum length is 2' for Direct fixtures, and 3' for Direct/Indirect fixtures, Lengths can be ordered in 1' and/or 1" increments. All individual sections are joined together onsite using the joiner kits provided. Lumenwerx joiner kits are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection

The Direct/Indirect fixtures with the Wet Suitable (WET) option feature a weep hole situated in the end cap. Water and moisture that enters the fixture will be expelled through this hole.









# A 4 SFA

PENDANT DIRECT, DIRECT/INDIRECT

STATIC WHITE, BIOS ST/DY VIA WEATHER SERIES

### METERS SHAKE

All individual sections are joined together onsite using the 1/4"-20 screws and nuts provided. With the Wet Suitable (WET) option, the junction between two adjacent sections creates a continuous line of light without shadows. With the Wet Listed (WETL) option, the junction between two adjacent sections is sealed with a silicone gasket, creating a slight visible break in the line of light every 12 ft.



Continuous line of light



Visible break in line of light

### ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277VAC) input: Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max, ambient (and 70°C max, case) temperature. At rnaximum driver load. Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume 1% (specify 2-wire, or Ecosystem Dim-to-Off), eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant. An optional lowtemperature 10% 0-10V driver, suitable for temperatures down to -40°C/F is also available.

### PoF

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, Duo (tunable white), emergency battery backup, and sensor integration. These must be addressed and evaluated on a caseby-case basis

### LUMENWERX

### RECORD SECTION OFFICIAL

Electrical section options are available for fixtures specified as multi circuit (#MC). With MC, specify the total number of circuits (#), including any circuits required for optional electrical sections. A drawing is required to specify the layout. Please consult factory for custom configurations.

#### Electrical sections

Options include emergency-powered light (#EC##), night light (#NL##), daylight (#DL##), and generator transfer device (#GTD##) sections. Specify the quantity (#), as well as the section length in inches (##).

Example I: A 32' Direct fixture with two 8' emergency light sections on a second circuit.

Code: 2MC-2FC96

Example 2: A 16' Direct/Indirect fixture with separate circuits for direct and indirect, and with one 4' night light section on the direct side on a third circuit.

Code: 3MC-INL48

Example 3: A 24' Direct fixture with one 4' generator transfer device section.

Code: 1MC-1GTD48

### **Battery**

Each emergency battery (#EMB) powers a 4' section. All batteries will be on the same circuit. Specify the number of oatteries (#) required.

Factory installed long life, high temperature, maintenance-free Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 1000 lumens per 4' (25°C) emergency lighting output and recharge time of 24 hours. Suited for ambient temperatures of 0°C (32°F) to 55°C (131°F).

### Generator Transfer Device (GTD)

A UL924 listed shunt relay that can bypass both line voltage (120-277V) and 0-10V dimming signal. Suited for ambient temperatures of 0°C (32°F) to 60°C (140°F).

### LUMINAIRE MAINTENANCE

LED arrays and drivers are accessible through the optical chamber and easily replaced.









# VIA 4 SFAI

### LUMENWERX

### PENDANT

DIRECT, DIRECT/INDIRECT

STATIC WHITE, BIOS ST/DY

### VIA WEATHER SERIES

### MOUNTING OPTIONS

Fixtures can be stem-mounted. Unless otherwise specified, Lumenwerx provides the following hardware:

Standard stem option (STS) - Canopies are white, Ø5" for both power and non-power. Stem finish is the same color as fixture. Stem length is 18". Stem is not field adjustable. For all other options, see the mounting code on page 2

Interior - 95%, reflective matte powder coated white paint Exterior - Powder-coat paint in matte white or aluminum. Custom finishes are also available. Optional antimicrobial finish.

### CONSTRUCTION

Housing - Extruded aluminum (0.095" nominal) up to 90% recycled content

Interior brackets - Die-formed cold rolled sheet steel 18 gauge thick

Joining system (WETL) - 16 gauge steel joiners and closed-cell silicone foam joiner gasket

Reflectors - Cold rolled steel 0.024" thick precisely die-formed, 95% reflective matte white painted

End cap - Die-cast aluminum (0.100" nominal)

End cap gasket - 1/16" closed-cell silicone foam

Direct	Direct/Indirect
4ft - 15.0 lbs - 6.8 kg	<b>4ft</b> - 17.2 lbs - 7.8 kg
8ft - 27.6 lbs - 12.5 kg	<b>8ft</b> - 32.8 lbs - 14.9 kg
12ft - 40.1 lbs - 18.2 kg	<b>12ft</b> - 48.5 lbs - 22 kg

### CERTIFICATIONS

ETL - WET environment option is rated for dry/damp locations. WETL environment option is ETL Wet Listed. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0. During the installation of WETL fixtures, the contractor is responsible for properly sealing all mounting and electrical connection points

IK05 - Impact resistance rated to IK05.

### WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.









COMPLIMENTARY PRODUCTS



Luminaire Type:

Catalog Number:









### **General Illumination Square Downlight**



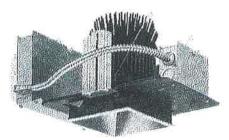
### Feature Set

- Bounding Ray™ optical design
- Unitized optics mechanically attach the light engine to the lower reflector for complete optical alignment.
- · 45° cutoff to source and source image
- · Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- · 2.5 MacAdam Ellipse; 85 CRI typical, 90+ CRI optional
- · Fixtures are wet location, covered ceiling

- Available with 10% dimming, 1% dimming, or dim to dark
- Batwing distribution with feathered edges provides even illumination on horizontal and vertical surfaces
- ENERGY STAR® certified product
- UGR of zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1995 Discomfort Glare in Interior Lighting. <u>UGR FAQ</u>



250 lumens - 4500 lumens



5000 lumens - 17500 lumens

### Distribution



Medium Wide (MWD) 1.0 S:MH

### **Superior Perfomance**

Nominal Lumens	250	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	8000	10,000	12,000	15,000	17,500	
Delivered Lumens	318	557	832	1067	1500	2153	2723	3302	3801	4322	4865	5588	6852	8696	11237	13093	16051	18806	
Wallage	3.4	6.2	8.2	9.6	14.7	19.7	24.7	29.5	33.8	39.0	47.3	48.6	57.6	74.7	96.9	115.1	144.3	175.3	
Lumens per Wall	93.5	89.8	101.5	111.1	102.0	109.3	110.2	111.9	112.5	110.8	102.9	115.0	119.0	116.4	116.0	113.8	111.2	107.3	

<sup>\*</sup>Lumen Output for 80CRI - 3500K CCT - Clear LSS Reflector

### Coordinated Apertures | Multiple Layers of Light





General Illumination Layer | EVO



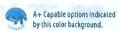




EVO + Incito --- Multiple Layers of Light



<sup>\*</sup>Based on 3500K AR LSS MWD 80CRI



Luminaire Type:

Catalog Number:

			-14							
Series	Color Te	emperature	Nom	inal Lumen Values			Reflector	& Flange Color	Trim Sty	rle
EV06SQ	27/	2700 K	02	250 lumens	40	4000 lumens	AR	Clear	(blank)	Self-flanged
	30/	3000 K	05	500 lumens	45	4500 lumens	PR	Pewter	FL	Flangeless
	35/	3500 K	07	750 lumens	50	5000 lumens	WTR	Wheat		
	40/	4000 K	10	1000 lumens	60	6000 lumens	GR	Gold		
	50/	5000 K	15	1500 lumens	80	8000 lumens	WR!	White		
			20	2000 lumens	100	10000 lumens	BR1	Black		
			25	2500 lumens	120	12000 lumens	WRAMF!	White Anti-microbial		
			30	3000 lumens	150	15000 lumens	TRALTBD1.2	RAL paint for pricing only		
			35	3500 lumens	175	17500 lumens	TCPC	Custom paint color		

Finish	Voltage	Driver*		Control Interfa	ce
LSS Semi-specular LD Matte-diffuse	MVOLT 120 277 347 <sup>2,3</sup>	GZ10 GZ1 EZ1 EZB EOAB <sup>5</sup> EDXB <sup>9</sup>	0-10V driver dims to 10% 0-10V driver dims to 1% eldoLED 0-10V ECOdrive. Linear dimming to 1% min. eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1% eldoLED SOLOdrive DALI. Logarithmic dimming to <1% eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Includes termination resistor. Refer to DMXR. Manual Minimum 1000 lumens/Maximum 15000 lumens. Lutron Ecosystem digital Hi-Lume 1% soft-on, lade to black. Max: 4000LM.	NLTS NLTER2AS NLTAIR213.14 NLTAIRER22.9.13 NLTAIREM22.13	nLight® dimming pack controls nLight® dimming pack controls emergency circuit nLight® AIR enabled nLight® AIR enabled emergency aLight® AIR Dimming Pack Wire- less Controls Controls fixtures on emergency circuit with battery pack options.

Emergency	y Option	Options	
EL ELR ELSD ELRSD E10WCP E10WCPR BGTD	Emergency battery pack, 10W, with integral test switch Emergency battery pack, 10W, with remote test switch Emergency battery pack, 10W, with self-diagnostics, integral test switch Emergency battery pack, 10W Constant Power, CA Title 20 compliant with integral test switch Emergency battery pack, 10W Constant Power, CA Title 20 compliant with integral test switch Emergency battery pack, 10W Constant Power, CA Title 20 compliant with remote test switch Bodine generator transfer device. Specify 120V or 277V.	SF TRW' TRBL <sup>1</sup> FRALTBD <sup>2</sup> FCPC N80' <sup>9</sup> GTD 90CRI CP'' HAD' <sup>2</sup> RRL	Single fuse. Specify 120V or 277V.  White painted flange Black painted flange Flange ring only RAL color for pricing only Flange custom paint color nLight® Lumen Compensation generator transfer device. Specify 120V or 277V High CRI (90+) Chicago Plenum. Specify 120V or 277V for 5000lm and above. HAO High ambient option (40°C) RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Available only with RRLA, RRLB, RRLAE, and RRLC12S. Refer to RRL spec sheet on www.acuitybrands.com for RELOC® product specifications. Above ceiling access required.

ACCESSORIES — order as separate catalog numbers (shipped separately	ACCESSORIES order	as senarate catalog o	numbers (shinned senarate)	٧١
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ISD BC 0-10V wallbox dimmer Refer to ISD-BC.

### ORDERING NOTES

- . Not available with finishes.
- Replace with applicable RAL number and finish when ready to order. See <u>RAL BROCHURE</u> for available color options. Not available with emergency battery pack options.
- 3. Not available with emergency Battery Pack options.
- Supplied with factory installed step down transformer.
- Refer to <u>TCCI1-240</u> for compatible dimmers.
- 6. Not available with nLight\*.
- 7. Specify voltage
- For use with different reflector finish only (i.e. AR, PR, WTR, GR options). Not applicable with WR (white reflector) or FL (flangeless) option.
- For use with different reflector finish only (i.e. AR, PR, WTR, GR options). Not applicable with BR (black reflector) or FL (flangeless) option.
- 10. ER for use with generator supply power. Will require an emergency hot feed and normal hot feed.
- 11. Fixture begins at 80% light level. Must be specified with NLT or NLTER. Only available with EZ10 and EZ1 drivers.
- 12. 12,000LM max with EL or nLight® options 5,000LM max with Lutron drivers combined with EL. Not available with ELR, HAO, or EXAD, or any nLight® AIR dimming options.
- 13. Only available 5000LM 15,000LM with eldoLED drivers,
- Not available DALF or DMX drivers. Not available with CP or N80 options. Not recommended for metal ceiting installations.
- 15 When combined with the EZ1, EZ10, or EZ8 option, normal luminaires (non-emergency) can be used as a normal power sensing device for nearby nLight AIR devices and luminaires with EM emergency options.



6'

### **Optical Assembly**

Optical design is a Bounding Ray<sup>™</sup> design with 45° cutoff to source and source image. Top-down flash characteristic for superior glare control. Unitized optics shall have mechanical attachment of the light engine to the lower reflector for complete optical alignment.

#### 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. 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 wireless network 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 - 10%, 100 - 1.0% or 100 - 0.1% of rated lumen output with a smooth shut off function to step to 0%.

eldoLED 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

Fully serviceable and upgradeable lensed LED light engine, both the driver and light engine are suitable for field maintenance and are serviceable from above or below the ceiling.

Luminaire housing shall be constructed of 16-gauge galvanized steel and have preinstalled telescopic mounting bars with maximum 32" and minimum 15" extension and 4" vertical adjustment.

High-impact polymer trim shall be constructed with a durable, vapor deposition finish,

Patented adjustable aperture allows ¼" adjustments in all directions and up to 5° of rotation for post-installation adjustment to ensure trim-to-trim alignment. Injection molded mud ring included with flangeless trims. Ships separately. Installs independently of the mounting frame to reduce cracks in plaster due to vibration.

Luminaires shall be suitable for installation in ceilings up to 11/3" thick.

Tool-less adjustments shall be possible after installation.

The assembly and manufacturing process for the luminaire shall be designed to assure all internal components are adequately supported to withstand mechanical shock and vibration.

25°C ambient temperature standard (1/2" clearance on all sides from non-combustible materials in non-IC applications, unless marked spacing noted otherwise). For use in insulated ceilings, a 3" clearance on all sides from insulation is required (unless marked spacing noted otherwise). 40°C high ambient optional.

### 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, wet location covered ceiling. Luminaire configurations are Energy Star certified through testing in EPA-recognized laboratories, with the results reviewed by an independent, accredited certification organization. Visit <a href="https://www.energystar.gov">www.energystar.gov</a> 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 60,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by a point at the intersection of the CCT line and the black body locus line in CIE chromaticity space.

### BUY AMERICAN ACT

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to <a href="https://www.acuitybrands.com/buy-american">www.acuitybrands.com/buy-american</a> for additional information.

### Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <a href="https://www.acuitybrands.com/support/warranty/terms-and-conditions">www.acuitybrands.com/support/warranty/terms-and-conditions</a>

### 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.



### **54** 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 Aculty 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



Partially finished mud ring, showing cross-section detail.



An EVO downlight requires only approximately 3" of plaster to finish.



### Flangeless Installation

Gotham's flangeless option utilizes a micro-thin polymer mud ring that minimizes the amount of drywall compound required to finish the ceiling. The end result is a virtually undetectable flangeless downlight installation...

The polymer mud ring is installed independent of the of the recessed frame, therefore floating with the ceiling. This innovation minimizes any surface cracks during reflector installation, ceiling movement and any future service to the recessed frame, wiring, electronics, etc.





	Marked Spac	ing In Inches 25°C Amble	nt
Lumen Package	Fixed Center to Center MIN	Fixture Center to Build- ing Member MIN	Space Above Fixture
500-5000	None	None	None
6000	24	12	5
8000			l1
10000	25	18	
12000	36	19	0
15000			9
17500	72	36	

Nomenclature	Min Dimming	Driver Dim Curve	Control Dim Curve
EZIO	10%	Linear	Linear/Logarithmic
EZ1	1%	Linear	Linear/Logarithmic
EXAL	1%	Linear	Linear/Logarithmic
EZB	<1%	Logarithmic	Linear
EDAB	<1%	Logarithmic	Linear
EXAB	<1%	Logarithmic	Linear
EDXB	<1%	Square	Linear

Marked Spacing in Inches 40°C Ambient							
Lumen Package	Fixed Center to Center MIN	Fixture Center to Build- ing Member MIN	Space Above Flxture				
5000	24	12	<b>c</b>				
6000	24	12	J				
8000							
10000	48	24	9				
12000							
15000	72	36	9				

Lumen Package	Fixed Center to Center MIN	Fixture Center to Build- ing Member MIN	Space Above Fixture
250-5000	None	None	None
6000	24	12	5
8000			- 11
10000	20	18	
12000	36	18	D
15000			9
17500	72	36	

M	arked Spacing Chicago P	lenum Enclosure in Inche	s 25°C Ambient
Lumen Package	Fixed Center to Center MIN	Fixture Center to Building Member MIN	Space Above Fixture
250-6000	None	None	None
8000	36	18	6
10000	40	24	3
12000	48	24	3

	Driver	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	
GZI	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	

### How to Estimate Delivered Lumens in Emergency Mode

Delivered Lumens = 1.25 x P x LPW

P = 0utput power of emergency driver. P = 10W for PS1055CP

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



6"

\*Dimensions in inches [centimeters]

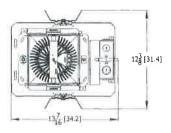
Aperture: 6" (15.2)

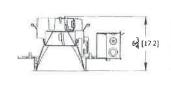
Ceiling Opening: 6-5/8" (16.8) self-flanged

Overlap trim: 7" (17.8) self-flanged

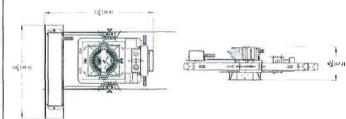
6-3/4" (17.1) flangeless

### 250LM-5000LM Standard

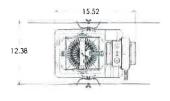




### 250LM-5000LM Battery Pack

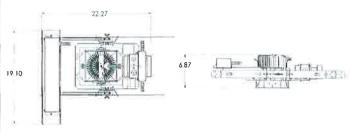


6000LM-8000LM Standard

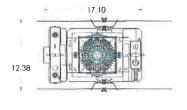




6000LM-8000LM Battery Pack

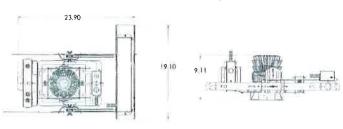


### 10,000LM-17,500LM Standard

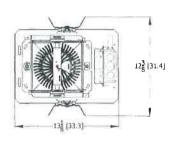


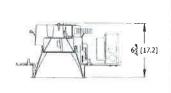


### 10,000LM-17,500LM Battery Pack

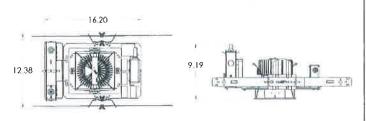


### 250-5000LM Open Frame CP

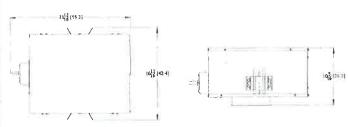




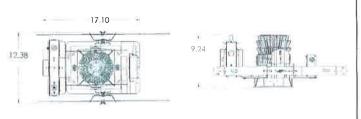
### 5000 (Lutron & POWER Drive Only) 6000 & 8000 (All) Square Downlight Open Frame CP



### 250LM-6000LM CP Enclosed with Battery Pack and/or nLight™ Only

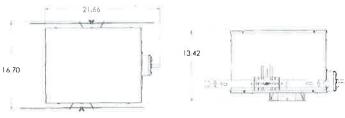




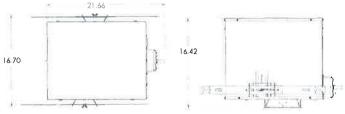


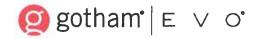
#### 10,000-17,500 tullell GF

### 8000 Lumen CP (With Battery Pack & nLight® Only) 12000 & 1000



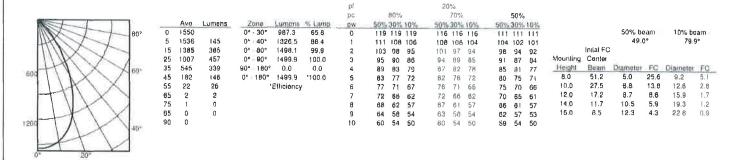
### 12000 & 10000 Lumen CP (With Battery Pack & nLight® Only)



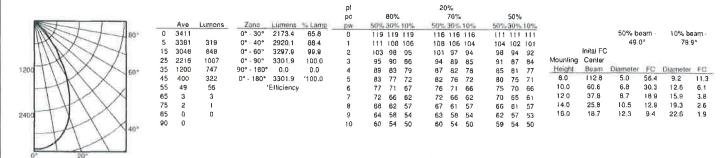




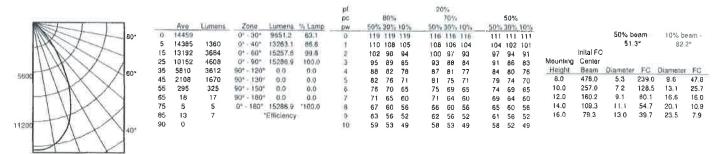
### EV06SQ 35/15 AR LSS, INPUT WATTS: 14.7W, DELIVERED LUMENS: 1500LM, LPW = 102, TEST NO. LTL27900P105



### EV06SQ 35/30 AR LSS, INPUT WATTS: 29.5W, DELIVERED LUMENS: 3302LM, LPW = 111.9, TEST NO. LTL27900P117



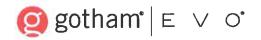
### EV06SQ 35/150 AR LSS, INPUT WATTS: 144.3W, DELIVERED LUMENS: 15287LM, LPW = 105.9, TEST NO. ISF 34271P264



CRI	CCT	Multplier
	2700K	0.96
	300K	1.00
80	3500K	1.00
	4000K	1 01
	5000K	1.07
	2700K	0.80
	300K	0.83
90	3500K	0.85
	4000K	0.87
	5000K	0.91

Reflector Finish M	ultiplier
Reflector Finish	Multiplier
LS - Specular	i
LSS - Semi Specular	0.956
WR - White	0.87
LD - Matte Diffuse	0.85
BR - Black	0.73





6"

nLight® AIR is the ideal solution for retrofit or new construction spaces where adding communication wiring is cost prohibitive. The integrated nLight AIR PP20 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 at ght AIR

 Wall Switches
 Model Number

 0n/OH single pole
 rPODB (color) G2

 0n/OH two pole
 rPODB 2P (color) G2

 0n/OH & raise/lower single pole
 rPODB DX (color) G2

 0n/OH & raise/lower two pole
 rPODB 2P DX (color) G2

### nLight® AIR Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

Small motion 360°, ceiling

Large motion 360°, ceiling

Large motion 360°, ceiling

Large motion 360°, ceiling

Large motion 360°, ceiling

### **UL924 Sequence of Operation**

The below information applies to all nLight AIR devices with an EM option.

- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

nLight<sup>®</sup> The nLight<sup>®</sup> 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 neight

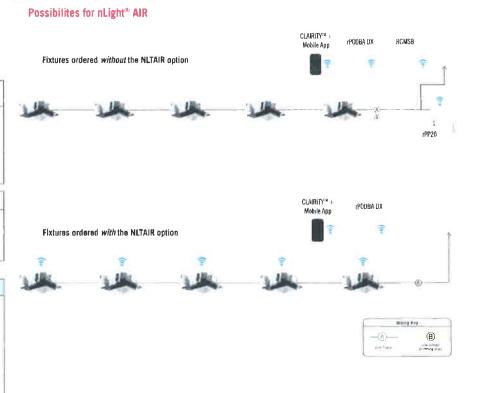
Wall Switches

On/Off single pole
On/Off two pole
On/Off & raise/lower single pole
On/Off & raise/lower two pole

### 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 CATS LOFT II CAT5 15FT J1 15', CAT5



### Possibilites for nLight® wired



nPS 80 EZ or nPP16 D

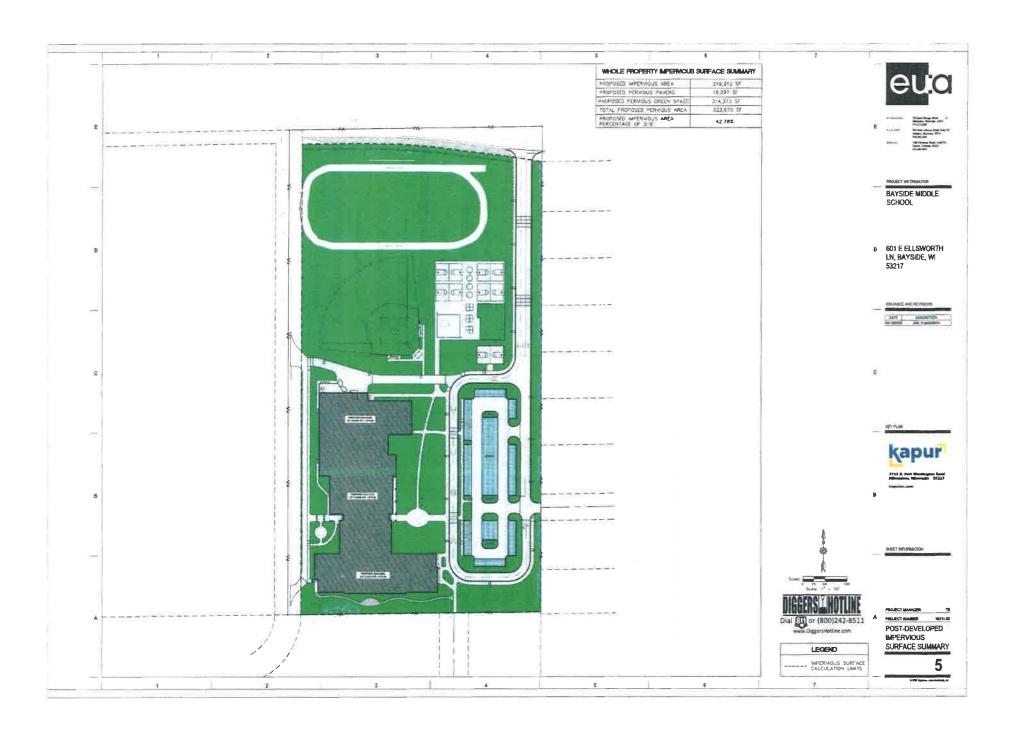






### **Project Proposal**

		Date 06/01/2023						
		Property Address 601 Ellsworth Lane						
	NON Devide							
	Zoning District "C" Residence							
Propo	sed	Project De	tails (type of work, size, materials, location	on, etc.	):			
		-	impervious surface information and calcula					
	_							
6	YO!	ABC Ago	nda Date: 06/19/2023		Accessory Structures/Generators			
		-	mber: 0219983000		Additions/Remodel			
	X C			_	Commercial Signage			
			tographs showing project location,		Decks/Patios			
					Fence			
			digital set of building plans	П	Fire Pits			
		(including elevations and grading).			Landscaping requiring Impervious			
	IJ	Samples or brochures showing materials, colors,     and decians.			Surface/Fill/Excavation Permit			
		and designs.			New Construction			
	☐ Survey or Milwaukee County Land Information Officer Aerial				Play Structures			
		Officer Aer		a	Recreational Facilities/Courts			
PE	RMI	TS:			Roofs			
Y	N	Payment	Building	_	Solar Panels/Skylights			
			Electrical	0	Swimming Pools			
			Plumbing	_	Windows/Doors - change exceeds 25% of			
			HVAC		opening			
			Fill	M	Other			
			Impervious Surface					
			Dumpster	Pa	ackage 06 - Impervious Surface Permit			
			ROW/Excavation					
			Conditional Use					
			Occupancy					
0		0	Special Exception/Variance					
			ARC					





Fox Point- Bayside School District
7300 North Lombardy Road
Fox Point, WI 53217
Phone: (414) 247-4167

May 22, 2023

Dear Bayside Architectural Review Committee:

We are pleased to submit updated drawings and documents in support of the new Middle School project. This new and exciting building will be an outstanding asset to the students, staff and community for decades to come.

Since our last presentation to the ARC on March 13th, our team has been actively collaborating with village representatives to resolve outstanding items. We feel that this package being submitted for approval addresses previous open items

In summary, the modifications since our last presentation are as follows:

- 1. Privacy fencing along the south property line
- 2. Site access fencing along King and Ellsworth
- 3. Traffic signage around the site and extending into the surrounding neighborhood
- 4. Safety fencing along the bus drop off lane
- 5. Landscape screening along the bus lane
- 6. Added lane off of Ellsworth to accommodate more vehicular traffic
- 7. Added turn lane off Ellsworth to accommodate more vehicular traffic

We want to reiterate that the design professionals involved in this planning and design process are industry experts and by combining that experience and expertise with the feedback of the greater community, we have collectively arrived at a project we are confident will provide the best combination of attributes. Of note, the safety and security of our community's students is of high importance and we're glad to have arrived at a design that sets us up for success in this regard.

Alleviating traffic has also been a top priority for the community/district and the design accommodates for both auto and bus traffic; ensuring the safety of students as well as the minimizing of off-site traffic. In coordination with the Village, we've added an extra lane to the site entrance which will allow approximately 80 cars to queue on site. Additionally we've added a turn lane along Ellsworth to accommodate an additional 10 vehicles as we've heard from the Village that 90 total vehicles is the target. In adding the turn lane to the project we'd like to recognize to ARC that we may lose some existing trees in addition to spending the extra funds to install this lane. In this consideration, we request ARC to allow the lane to be installed after the '24/'25 school year, in order for traffic circulation with the new site layout to be observed/tracked before adding this feature. We look forward to discussing this further with you at your 06/05 meeting and hearing your feedback.

As noted, through this process of design and refinement through collaboration with the Village and neighbors, the project has become a safer, better one and we look forward to presenting to you next week.

Sincerely yours,

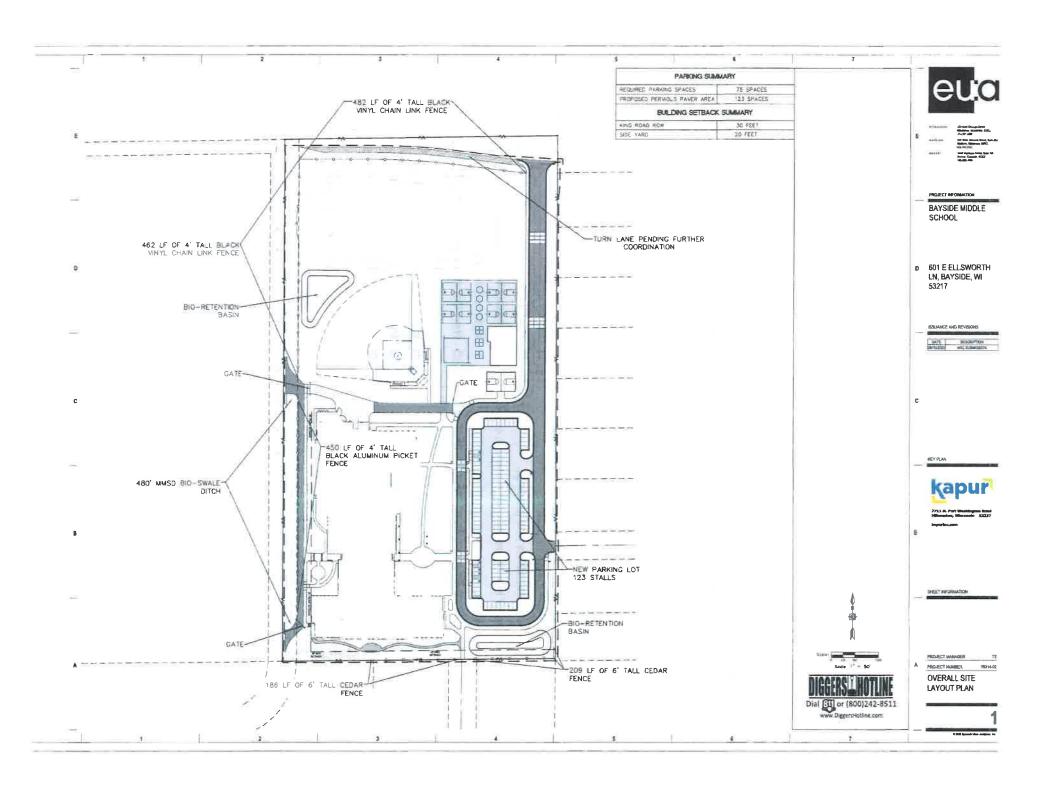
Jeff Dellutri

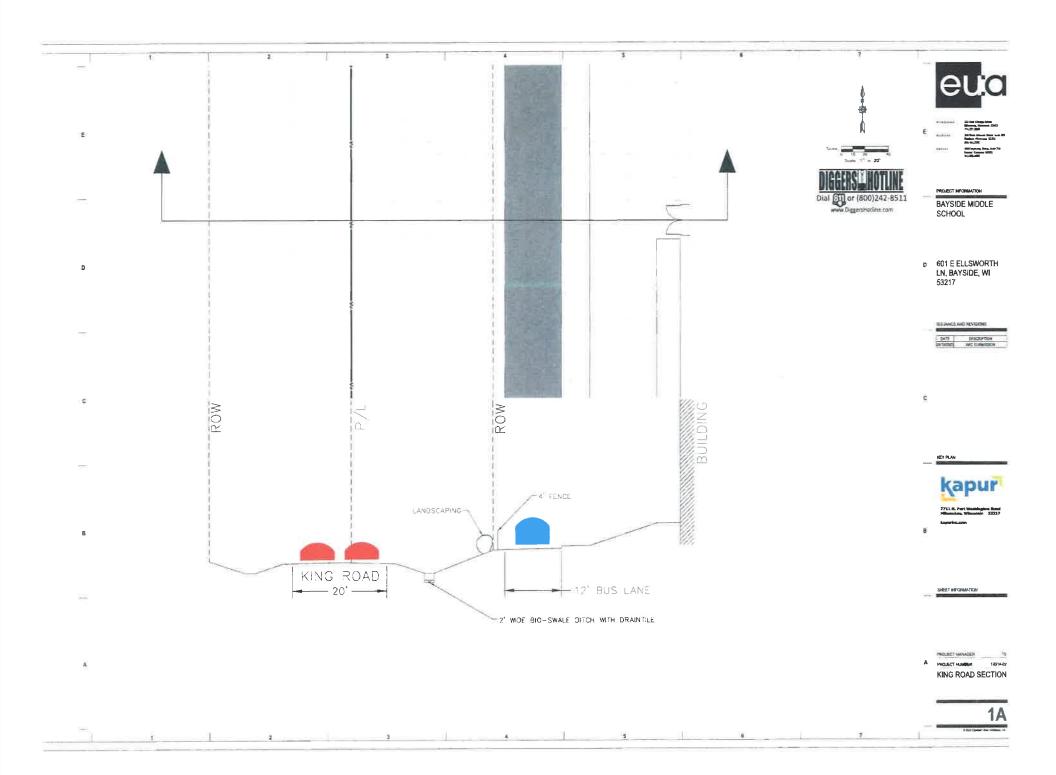
Superintendent of Schools

Fox Point-Bayside School District

### **Project Proposal**

			Zoning District C Residence		<del></del>
ropo	sed	Project De	tails (type of work, size, materials, locati	ion, etc.	):
					Privacy fencing along the south property line, Site
					and extending into the surrounding neighborhood, Safet ane, Added lane off of Ellsworth to accommodate more
			d turn lane off Ellsworth to accommodate m		
	×		nda Date: 06/19/2023		Accessory Structures/Generators
	×	Parcel Nur	mber: 0219983000		Additions/Remodel
		Color pho	tographs showing project location,		Commercial Signage
		elevations	, and surround views.		Decks/Patios
		Complete	digital set of building plans		Fence
		(including	elevations and grading).	0	Fire Pits
		Samples o	or brochures showing materials, colors,		Landscaping requiring Impervious
	<ul><li>and designs.</li><li>Survey or Milwaukee County Land Information</li><li>Officer Aerial</li></ul>				Surface/Fill/Excavation Permit
					New Construction
				٥	Play Structures
					Recreational Facilitles/Courts
PE	RMI' N	ΓS: Payment			Roofs
			Building		Solar Panels/Skylights
			Electrical	0	Swimming Pools
			Plumbing		Windows/Doors – change exceeds 25% of
			HVAC		opening
			Fill	M	Other
			Impervious Surface	Pa	ackage 01 - Site Plan
O			Dumpster		torage of one field
			ROW/Excavation		
			Conditional Use		
			Occupancy		
			Special Exception/Variance		
			ARC	ľ	





# Exhibit D



Village of Bayside 9075 N Regent Road Architectural Review Committee Meeting March 13, 2023 Village Board Room 6:00pm

### ARCHITECTURAL REVIEW COMMITTEE MINUTES

### I. CALL TO ORDER AND ROLL CALL

Chairperson Krampf called the meeting to order at 6:00pm.

Chair:

John Krampf

Members:

Dan Zitzer

Marisa Roberts Tony Aiello

Kelly Marrazza

Kavin Tedamrongwanish

Trustee Liaison:

Mike Barth

Also Present:

Village Manager Andy Pederson

Assistant to Village Manager Leah Hofer

Village Attorney Chris Jaekels Village Planner Jackie Mich Police Chief Tom Liebenthal

Public Works Operations Superintendent Shane Albers

Village Engineer Mustafa Emir

There were approximately 75 people in the audience.

### II. APPROVAL OF MINUTES

A. Approval of February 13 and February 27, 2023 meeting minutes.

Motion by Mr. Zitzer to approve the February 13, 2023 meetings minutes and the February 27, 2023 meeting minutes with the addition of comments regarding the color of the school, seconded by Mr. Barth. Motion carried unanimously.

### III. BUSINESS

### A. 9729 N Lake Dr – Gina Buono & David Sherman

Eric Heinritz, Project Manager, appeared on behalf of the project. There were no neighbors in attendance.

Mr. Heinritz described the project as the alteration and removal of windows and doors on the side and rear of the home. Mr. Heinritz noted the materials, colors, and style will match what is existing on the home.

Motion by Mr. Barth, seconded by Ms. Roberts, to approve the project as described and presented in the application. Motion carried unanimously.

### B. 9171 N Rexleigh Dr – Chris & Suzanne Stone

Suzanne Stone, homeowner, appeared on behalf of the project. There were no neighbors in attendance.

Ms. Stone described the project as the installation of a new black/grey roof to replace the current brown roof. Ms. Stone stated that the current house is brown and will be changed to grey.

Motion by Mr. Zitzer, seconded by Mr. Aiello, to approve the project as described and presented in the application. Motion carried unanimously.

### C. 310 W Fairy Chasm Rd – Erin Lindsay & Sam Westcott

No one appeared on behalf of the project.

Motion by Mr. Barth, seconded by Ms. Roberts, to table the project.

### D. 601 E Ellsworth Ln - Fox Point-Bayside School District

Jeff Dellutri (Bayside-Fox Pont School District superintendent) and Jodi Hackl (Bayside Middle School principal) appeared on behalf of the project.

Village Attorney, Chris Jaekels, provided history and background on the project and communications between the School District and the Village. Mr. Jaekels outlined the responsibilities of the Architectural Review Committee.

Mr. Dellutri stated School District met with Village staff to discuss the School District's recommended option. Mr. Dellutri took responsibility for the lack of timeliness on meeting with the Village. He stated the Fox Point-Bayside School Board held an emergency meeting to discuss traffic plans in hopes to at least approve the school building to avoid a delay in the project which could result in a \$4 to \$5 million additional expense. Mr. Dellutri provided an outline of what the School District has done to date.

Ms. Hackl provided a statement on the behalf of the students of Bayside Middle School.

Mr. Dellutri and Ms. Hackl provided an overview of the School Board's discussion at their Sunday, March 12 meeting.

Village Manager, Andy Pederson, introduced Village staff and summarized that the current issues include timing, communication, and traffic management.

Village staff stated that the technical issues can be worked out.

The Committee discussed the positives and negatives of the traffic plan options provided in the packet.

Motion by Mr. Barth, seconded by Mr. Aiello, to approve the building, design, location of the building, and 60 days to come to an agreement with the Village of Bayside on the traffic/curb cut plan and landscape/fencing plan at which time the School District will come back before the Architectural Review Committee. Motion carried unanimously.

Mr. Dellutri stated his concern with the Architectural Review Committee's decision to only approve the

school building.

Chairperson Krampf stated he believes the Committee has been flexible over the last month in which they have been presented with materials.

### IV. ADJOURNMENT

Motion by Mr. Barth, seconded by Ms. Roberts, to adjourn the meeting at 8:20pm. Motion carried unanimously.

Respectfully submitted,

Leah Hofer Assistant to Village Manager