



CITY OF ANTIGO

CITY PLAN COMMISSION MEETING

Amended to Include Agenda Item Number 2 and Attachments

COUNCIL CHAMBERS

Tuesday, May 06, 2025

CITY HALL, 700 EDISON STREET

6:00 PM

Call to Order

Minutes Approval

1. Approve Minutes from the March 26, 2025 Meeting

Discussion and Action May Occur on Any of the Following Agenda Items:

1. Approve the Sale of City Owned Property and Proposed Site Plan for a New Commercial Building
2. Review and Approve the Site Plan for the Unified School District of Antigo's New Elementary School Project

Any Other Matters Authorized by Law to be Considered

Adjournment

Upon reasonable notice, efforts will be made to accommodate disabled individuals through appropriate aids and services. For additional information, contact clerk treasurer's office, 700 Edison Street, Antigo, Wisconsin 54409. (715) 623-3633 extension 100. Members of and possibly a quorum of members of other governmental bodies may be in attendance to gather information. Any governmental body other than that specifically referred to above will take no action.

DATE MAILED: April 30, 2025

THOMAS BAUKNECHT

**CITY OF ANTIGO
CITY PLAN COMMISSION
MINUTES OF MEETING HELD
MARCH 25, 2025**

City Plan Commission of the City of Antigo met in Special Meeting on the above date at 6:00 PM in the Council Chambers, City Hall, Mayor Thomas C. Bauknecht presiding.

Attendee Name	Title	Status	Arrived
Thomas C. Bauknecht	Mayor	Present	
Charley Brinkmeier	Member	Excused	
Jerry Rice	Member	Present	
Tim Sharon	Member	Present	
Larry Steckbauer	Member	Present	
Gordon Neve	Member	Excused	
Scott Henricks	Member	Present	

Others in attendance were: Karin Derauf, City Administrator; Elizabeth McCarthy, Building Inspector/Zoning Administrator; Shannon Smith, Administrative/Clerical Assistant; Angie Close, Langlade County Economic Development Corporation (LCEDC); Rob Elliott, Northcentral Technical College (NTC); Vicki Jeppesen, NTC; Jeannie Worden, NTC; and Jacob Waldner.

Minutes Approval

1. Approve Minutes from the February 4, 2025 Meeting

RESULT:	CARRIED [UNANIMOUS]
MOVER:	Scott Henricks, Member
SECONDER:	Larry Steckbauer, Member
AYES:	Bauknecht, Rice, Sharon, Steckbauer, Henricks
EXCUSED:	Charley Brinkmeier, Gordon Neve

Discussion and Action May Occur on Any of the Following Agenda Items:

1. Presentation by Northcentral Technical College - Student Housing Project

Jeannie Worden, NTC President, Vicki Jeppesen, Resource Development and Rob Elliott, Senior Director of Facilities introduced themselves.

Ms. Worden stated NTC is not asking for anything, they are sharing the exciting progress they are making in the Wood Science Program in Antigo. She shared that Wisconsin is twelfth in wood industry part-time and full-time jobs, tenth in value added production and second in industry output. Ms. Worden stated thirty-six percent of Wisconsin wood manufacturers are reporting understaffing challenges.

Ms. Worden noted that Langlade County Forestry is a top driver with 127,000 acres of land and 125 plus wood product businesses. In the wood product industry, there are 686 jobs equaling \$24 million dollars in total wages and \$115 million dollars in output.

She stated in 2009 NTC collaborated with Langlade County to secure \$128 Million to create the state of the art facility, Wood Technology Center of Excellence. Ms. Worden stated the program has seen growth as industry needs were identified.

Ms. Worden noted there will be a ribbon cutting ceremony for the new sawmill that was added and encourages everyone to attend. She noted the new sawmill will allow for a full 360 training opportunity. Ms. Worden shared the need brought forward to NTC was lodging for an extended time period to accommodate incumbent workers and students not from the area.

Ms. Jeppesen stated the Property Foundation was established in 2019. She stated NTC by

State Statue cannot run any dorms but that is where the Property Foundation comes in. The Property Foundation explored many options and ideas for lodging. Ms. Jeppesen shared after doing research it was determined that students and incumbent workers would like a space of their own. Ms. Jeppesen shared a Cabin would fit the needs of most students or incumbent workers. NTC would start with 2-5 open concept Cabins, 30' by 14' in size, with everything supplied including Wi-Fi and community outdoor activities. The cost per cabin is approximately \$80,000 per cabin. Ms. Jeppesen stated there are many community partners willing to donate wood products for the cabins as well as funding from the Remington Foundation. She noted that more could be built if there was a need.

Ms. Worden stated NTC did an economic impact assessment and once all programs are up and running, the anticipated economic impact would be \$225,000.

Mr. Rice questioned the location of cabins on the Antigo Campus. Ms. Worden shared the location, and the cabins would be visible from the road. Mayor Bauknecht brought forward the utility needs. Mr. Elliott stated NTC looked at locations and noted the utility needs. They shared if the need was there, they could build up to 35 cabins.

Mayor Bauknecht pledged City of Antigo support in this project.

2. Marathon Express Mart Mural Proposal

Mayor Bauknecht noted this item was passed at the Public Arts Committee meeting and questioned if this Commission needed to act on this item. Karin Derauf, City Administrator, stated according to the ordinance the mural request needs to go the Public Arts Committee, City Plan Commission then to Council.

Mr. Steckbauer questioned the 20-year agreement to keep a mural. He questioned what happened to the Boys and Girls Club mural on the side of the Remington building. Ms. Close stated that the mural was completed prior to the ordinance with the 20-year time frame and the owner of the Remington building put up his own advertisement over the mural.

Motion to Recommend to Council to Approve Reimbursement of 75% of Material Costs up to \$600.00 from the Grant Funds Upon Receiving Receipts from Antigo Visual Arts for Materials Costs for the Mural Project to be Located at 702 Superior Street.

RESULT:	CARRIED [UNANIMOUS]
MOVER:	Jerry Rice, Member
SECONDER:	Scott Henricks, Member
AYES:	Bauknecht, Rice, Sharon, Steckbauer, Henricks
EXCUSED:	Charley Brinkmeier, Gordon Neve

3. Review and Approve the Proposal Submitted by Waldner & Sons Construction Inc, for the Housing Development Located at 1936 Charlotte Street, Lots 2 and 3

Mr. Steckbauer questioned the proposed purchase price of \$20,000. He noted the city stated the worth of the lot was \$28,000. Elizabeth McCarthy stated the price is based on the purchase price that Mr. Waldner paid for the lot across the street. Ms. McCarthy noted that ATC has a 100' easement with a high line running through the property, reducing the value of the property.

Mr. Sharon questioned what type of buildings Mr. Waldner would be building. Mr. Waldner noted he would like to stick to duplexes but added 3-bedroom homes as an option if the market becomes over ran with duplexes.

Ms. McCarthy stated that Mr. Waldner was agreeable to putting a sunset clause in the purchase contract, so if he does not break ground within 5 years the city will get the property back.

Mr. Rice questioned page 24 and 26 4 D. Mr. Waldner stated 4 D should be struck out of the

proposal.

Mayor Bauknecht questioned the timetable for getting the project started. Mr. Waldner is waiting until the lot across the street is completed. Mr. Waldner noted that he is ahead of schedule and his rentals are full before he finishes them.

Ms. Derauf questioned if he built a single-family home he would sell or rent. Mr. Waldner stated he would sell the single-family homes.

Motion to Approve the Proposal Submitted by Waldner & Sons Construction LLC, doing business as Waldner Properties, To Purchase 1936 Charlotte Street, Lots 2 And 3, for \$20,000 With a Reversionary Clause Of Five Years and to Include a Stipulation that Waldner & Sons Construction LLC Cannot Resell The Property as Vacant Land.

RESULT:	CARRIED [UNANIMOUS]
MOVER:	Tim Sharon, Member
SECONDER:	Jerry Rice, Member
AYES:	Bauknecht, Rice, Sharon, Steckbauer, Henricks
EXCUSED:	Charley Brinkmeier, Gordon Neve

Any Other Matters Authorized by Law to be Considered

Mr. Rice stated as you go north from Mendlik Street that after the restaurant lights are turned off, it is very dark along that corridor. Alderperson Henricks stated there is a Public Works Committee meeting the next day, where that can be discussed.


Adjournment

- 1. **Motion to:** Adjourn at 6:59 PM

RESULT:	CARRIED [UNANIMOUS]
MOVER:	Tim Sharon, Member
SECONDER:	Jerry Rice, Member
AYES:	Bauknecht, Rice, Sharon, Steckbauer, Henricks
EXCUSED:	Charley Brinkmeier, Gordon Neve



 Thomas Bauknecht, Chairperson



 Date

Attachment: City Plan 3-26-25 (7482 : Approve Minutes)



To: Mayor and City Council
From: Beth McCarthy, Building Inspector/Zoning Administrator
Date: May 06, 2025
Re: Approve the Sale of City Owned Property and Proposed Site Plan for a New Commercial Building

This is for your information:

- The attached offer is to purchase a 2-acre portion of the city owned parcel 201-2942.040 for \$60,000.
- A local and respected real estate agent recommended the \$60,000 sales price.
- Included in the packet is a preliminary CSM depicting the location of the 2-acre parcel.
- The property will be used to construct a building that will incorporate a new location for Rock Hard Concrete's business, which includes an office space and shop area, along with a portion of the building being dedicated to retail space.
- Parcel 201-2942.040 is zoned I-2.
- I-2 zoning allows for contractors' offices, shops, and yards.

Recommendation to the City Plan Commission is to approve the sale of the two-acre city owned property, located in the Northeast corner of parcel 2012942.040, for \$60,000 along with the site plan and construction of a new 72' x 120' x 17' 8" commercial building.

LETTER TO OFFER

I ROBERT VANIER (ROCK HARD CONCRETE)

(715)850-2727 email rockhardconcrete90@yahoo.com

LOCATION

DELEGLISE ST AND HWY 64 WEST FIELD

OFFER PRICE \$30,000 ACRE 2 ACRES FOR TOTAL OF \$60,000

CITY WILL PROVIDE CSM

PLAN OF WORK WILL BE TO DO LESS THE ONE ACRE PER YEAR PREP.

FIRST YEAR WILL BE BUILDING AREA WITH SLAB AND PLUMBING.

SECOND YEAR WILL BE THE REMAING AREA WANTED FOR FULL PARKING AREA. THE FULL LOT WILL NOT BE ALL CHANGED AS WE PLAN TO KEEP NICE GREEN GRASS AROUND NORTH SIDE OF BUILDING AND PART OF THE FRONT. THIS SCOPE OF WORK TO BE FINISHED BY END OF 2027.

AFTER MIN OF TWO YEARS OF THE NEW GROUND BEING IN PLACE THE PARKING AREA IN FRONT OF BUILDING WILL BE PAVED.

I UNDERSTAND THIS IS A LETTER OF OFFER NOT CONTRACT. THIS IS VALID UNTIL OCT. 2025.

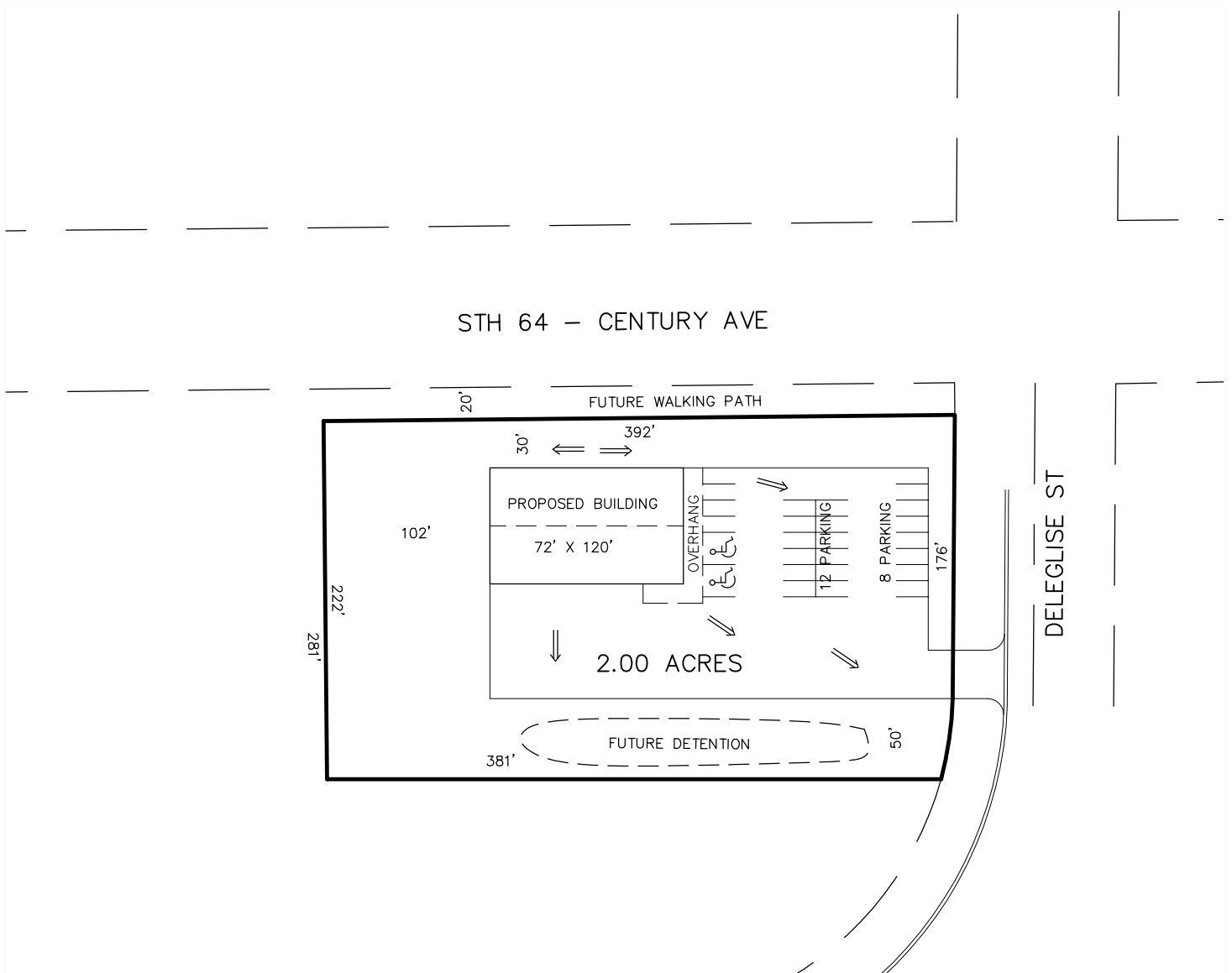
OWNER

ROBERT VANIER

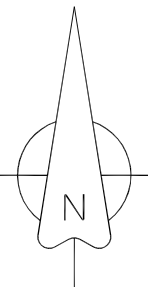
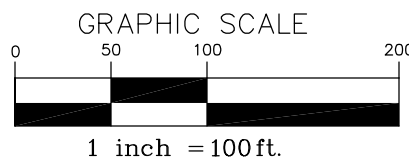
ROCK HARD CONCRETE

ROCK HARD LAYOUT

OF PART OF THE NORTHWEST 1/4 OF THE NORTHEAST
1/4 OF SECTION 18, TOWNSHIP 34 NORTH, RANGE 11
EAST, TOWN OF ELCHO, LANGLADE COUNTY WISCONSIN



- ⊙ 1.3" X 18" IRON PIPE WEIGHING 1.68 LBS/LINEAL FOOT SET(OD)
 - FOUND 2" I. PIPE
 - ⊙ FOUND 1" I. PIPE
 - ▲ FOUND PK NAIL OR RR SPIKE
 - ▣ FOUND GOV'T CORNER
 - () RECORD DATA
- SHEET 1 OF 2



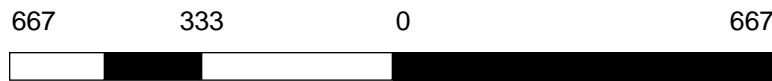
SURVEY PROVIDED BY: CITY OF ANTIGO 700 EDISON ST ANTIGO WI 54409		BEARING REFERENCE: TO THE LANGLADE COUNTY COORDINATE SYSTEM
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Attachment: Rock Hard Layout (7467 : Approve the Sale of City Owned Property and Proposed Site Plan for a New Commercial Building)



DISCLAIMER: This data is provided by the City of Antigo for informational purposes only. The City does not warrant or guarantee the accuracy or reliability of this data. The recipient of this data assumes any risk of its use for any purpose.

City of Antigo GIS



SCALE: 1" = 4,000'



Print Date: 4/14/2025

Attachment: Air photo (7467) : Approve the Sale of City Owned Property and Proposed Site Plan for a New

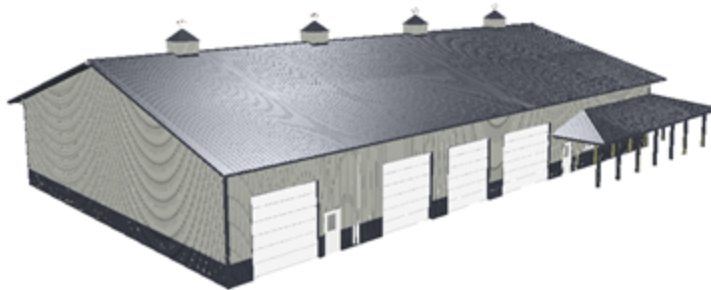
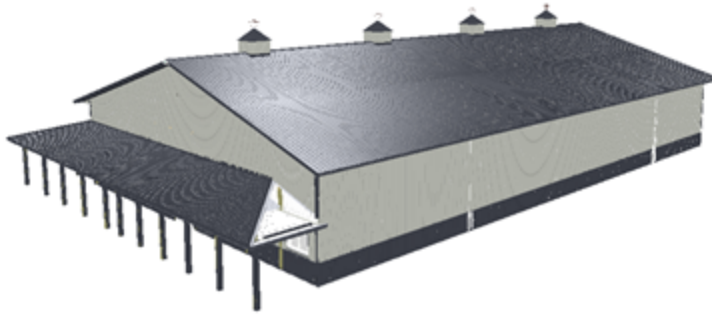


JAMES ROWE
Cell Phone: (715) 571-9364
Phone Number: (715) 675-7701
Email: JRowe@clearybuilding.com

4/8/2025
VANIER, ROBERT
Doc ID: 7093920250408104404

Cleary Buildings Project Estimate Client Proposal - Erected

Project Name: VANIER, ROBERT
Site Address: 3030 ANDERSON DRIVE ANTIGO, WISCONSIN 54409
Email: rockhardconcrete90@yahoo.com
Cell Phone: (715) 850-2727





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Commercial 72' 0"x120' 0"x17' 8" with 16' 0" truss clearance from 100'-0" mark. (15 Bays at 8' o.c.)

Details:

Truss (Standard Lower Chord) with 3.5/12 roof pitch.
 Default Ceiling Design: Designed to Support a Liner Steel Panel Ceiling
 Purlin Blocking: Both Endwalls are purlin blocked, and @ 32' 0"; @ 72' 0"; @ 96' 0";
 Type Foundation: On Concrete Slab (DrySet Brackets)
 Concrete Floor: Yes - Supplied by Purchaser
 Upgrade to 2x6 Corner Bracing
 50 psf Ground Snow Load with 2"x4" Continuous 2' 0" inch on center purlins.

Accessories:

124' 0" of Raised Ridge Cap - With snow baffle & screening *

(1) - Overhead frame out. Size: 16' 0" Width x 12' 0" Height (Door not included unless shown in Additional Building Components or Clopay Building Products)
 (3) - Overhead frame out. Size: 12' 0" Width x 12' 0" Height (Door not included unless shown in Additional Building Components or Clopay Building Products)
 (1) Walk Door - Premium, Warm Edge, Thermally Broken 3'-0"x6'-8" with 2x6 frame 20"x24" Insulated - Thermo Pane
 (1) Walk Door - Premium, Warm Edge, Thermally Broken 3'-0"x6'-8" with 2x6 frame 20"x24" Insulated - Thermo Pane
 (1) Walk Door - Premium, Warm Edge, Thermally Broken 6'-0"x6'-8" with 2x6 frame 22"x60" Insulated - Thermo Pane
 (10) Window - High Performance - Double Pane, Insulated, Low E, Warm Edge Horizontal (Double Slider) 5'-0"x3'-0" with 2x6 Nail Fin Only Screen
 Features: Insulated Double Pane, Low-E / Warm Edge, Tempered

Interior Finish / Insulation

Wall Insulation: 6" fiberglass batt, sidewalls with vapor barrier (cannot be left exposed, must be covered by some type of liner) R-21



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Exterior Finishes:

Roof/Siding: Premium Steel Panel
 - Lifetime Film Integrity Warranty, 35 Year Fade and Chalk Warranty, and G-90 Galvanizing Up to 1.0 ounce of Zinc Protection.

Wainscot: Premium Steel Panel

Side Wall Overhang: 36" Aluminum soffit (Sidewall) with vented soffit on S1 & S2
 End Wall Overhang: 24" Aluminum soffit (Endwall) with non-vented soffit on E1 & E2
 (4) - Plyco 48" Curb base Cupola w/ Curved roof and Louvered sides (Non-Functional) with University Weathervane - University of Wisconsin (EZ Vane) (Copper)

Porch - 10' 0"x 132' 0"x 10' 0" Clearance Height: 8' 8"
 Porch Starting Finish: Hipped Feature
 Porch Ending Finish: Hipped Feature
 Non-vented Soffit Ceiling on the porch, 24" Soffit Overhang (SW)
 Add Y-brace to each column
 Steel Trim Column Wrap for 10' Clearance on concrete
 J-trim at base of skirt steel



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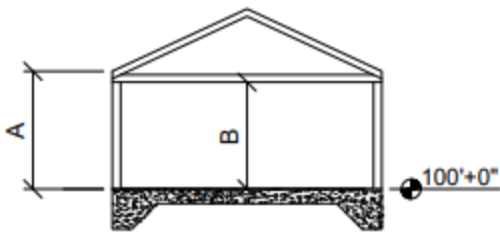
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Interior Nailers: 2" x 4" Nailers 24" oc
Interior Liner: Liner Steel Panel Steel (Snow color only)

Additional Building Components

- Overhead Doors
 - 4 CHI Commercial Sandwich doors (Coach House Industries) Model 3216
 - 4 Heavy Duty 1/2 Horse Lift Master openers J 51 L555
 - 3 @ 12' x 12'
 - 1 @ 16' x 12'
- Insulation
 - R-50 Blown Fiberglass
 - 72 x 120
 - 8640 sq. ft.

Truss Type:



Standard Lower Chord Truss (SLC)

Interior Clearances:

"B"=Clearance from finished floor to bottom of truss: **16' 0"**
(Clearance is reduced by the thickness of any ceiling and the thickness of any floor covering)

Exterior Heights:

"A" = Actual Eave Height: **17' 8"**
Roof Peak Height: **28' 2"**
Roof Pitch: **3.5/12**



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CeilingType: Liner Steel Panel

Ceiling Perimeter Nailers

Ceiling Hatch: Plyco Series 2040 Attic Door (Ceiling Hatch w/Arm) (Owner Locate with Foreman on Job Site)

Interior Wall on Building 1 @ 32' 0"

Exterior Finishes

Siding: Liner Panel Steel (Snow color only)

Interior Finish / Insulation

Wall Insulation: 6" fiberglass batt, sidewalls with vapor barrier (cannot be left exposed, must be covered by some type of liner) R-21

Interior Nailers: 2" x 4" Nailers 24" oc

Interior Liner: Liner Steel Panel Steel (Snow color only)

Interior Wall on Building 1 @ 96' 0"

Exterior Finishes

Siding: Liner Panel Steel (Snow color only)

Interior Finish / Insulation

Wall Insulation: 6" fiberglass batt, sidewalls with vapor barrier (cannot be left exposed, must be covered by some type of liner) R-21

Interior Nailers: 2" x 4" Nailers 24" oc

Interior Liner: Liner Steel Panel Steel (Snow color only)



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Responsibilities

Temporary Services:

- Purchaser will provide electric power during construction.
- Portable toilet rental not included with this proposal.
- Seller to pile scrap for Purchaser use or disposal.

Permit

Purchaser shall timely obtain at Purchaser's cost all necessary and required permits and licenses for the construction contemplated by this Agreement.

Site

If Seller is unable to proceed with normal digging procedures (concrete, rocks, etc.), then the extra expense resulting from such condition(s) will be the obligation of the Purchaser and shall be paid to Seller upon request.

Access must be provided for unloading materials to the building material placement area which must be within 75 feet of the building pad – If greater than 75 feet, additional charges will be applied

Total Building Proposal Investment: \$384,351

- Includes material, labor, tax, delivery, warranties and builder's risk insurance.
- Please note this price is subject to change without notice.

Dumpster Option - NOT included in the project investment price above

Seller to place scrap in the dumpster and remove from site (Price subject to change based upon delivery and travel charges for the dumpster) \$2,800

Note: If Dumpster Option is not selected, Seller will pile scraps and packaging near building for Purchaser use or disposal.

1. Cleary Trained Crews
2. Workers Compensation and Builders Risk Insurance
3. Only National Builder debt free since 1985.
4. SteelWood University® - through our best-in-class in-house curriculum, we invest in our employees' education to have the premier team to provide you the best solution and the best service.
5. 99.0% Client Satisfaction
6. Fully staffed for concept, engineering and construction with just one point of contact for you.
7. Dedicated to your design with personal service specialized by our unique Shamrock Service Guarantee.
8. Best warranties in the industry with the financial strength to stand behind them.

Payment Terms



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Attachment: Rock Hard Concrete Building Plan (7467) : Approve the Sale of City Owned Property and Proposed Site Plan for a New Commercial

Payment Terms

Amount	Type	Percent	Description
\$76,870	Down Payment	20%	Upon the signing of the contract with CLEARY BUILDING CORP.
\$153,740	Delivery Payment	40%	Payment due upon first load of building materials. In the event that multiple loads of materials are required, due to the size of the building, the remaining materials will be shipped to the site as needed while the building is under construction
\$143,241	Truss Payment	37%	When all trusses are installed on the building. In the event that there is more than one building on a contract, the truss in place payment is due upon installing the trusses in one of the buildings.
\$10,500	Final Payment	3%	Paid upon Completion and such payment to be delivered to the crew foreman of CLEARY BUILDING CORP.
\$384,351	Total Amount	100%	

TERMS OF PAYMENT: (1) If Contract Amount is \$50,000.00 or less, the terms of payment shall be as provided in the payment terms section above. (2) If Contract Amount is over \$50,000.00, the terms of payment shall be pursuant to the Bank Reference Form which is made a part of this Contract.

If the Purchaser fails to make a payment when due, Purchaser agrees to pay Cleary, upon demand, a delinquency charge equal to the lesser of three-quarter percent (.75%), or the highest rate allowed by law, of the delinquent amount per fifteen (15) days, from the date the delinquent amount is due, until the date it is paid.

Purchaser agrees not to send Seller payments marked "paid in full", "without recourse", or similar language. If Purchaser sends such a payment, Seller may accept it without losing any of Seller's rights under this Contract, and Purchaser will remain obligated to pay any further amount owed to Seller.

License numbers by state: VA #2705 123094A, MI #2102150963, MN #20076522, IL #104.002640, AZ # ROC212050 Limit \$250,000, NM #86107 Limit \$1,000,000, NV #0042464 Limit \$2,000,000, OR # CCB 115247, WA # CLEARBC044NE, PA120833, WV # WV034562

This contract has not been reviewed for energy code compliance. Conformance to the International Energy Conservation Code (IECC) may necessitate additional costs not included in this contract.

This proposal and similar work hereunder are predicated on non-union (non-prevailing wage) labor. If union (prevailing wage) is required, the additional costs will be covered by the purchaser.

Building Proposal Investment is based upon paying with cash or check. If credit card payment is requested (MasterCard, Visa, Discover, or American Express), the purchaser waives the 3% cash or check discount that would be applied to the contract amount.

IMPORTANT: LIEN NOTICE



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Attachment: Rock Hard Concrete Building Plan (7467 : Approve the Sale of City Owned Property and Proposed Site Plan for a New Commercial

ATCP 110.025 Lien waivers. (1) A seller shall provide notice to buyer that buyer may request written lien waivers from all contractors, subcontractors, and material suppliers at, or prior to, the time any payment is made on the home improvement contract. Notice shall be provided before the buyer and seller enter into a home improvement contract. The notice shall meet the following requirements:

built with pride before the  is applied[®]



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(a) The notice shall be in writing and consist of the following, verbatim statement:

Notice of Consumer's Right to Receive Lien Waivers

If a consumer requests lien waivers, a seller of home improvement services must provide lien waivers from all contractors, subcontractors, and material suppliers. This Wisconsin law protects consumers from having liens filed against their property. Lien waivers prevent the filing of a lien on your home in the event that a contractor does not pay suppliers or subcontractors. For more information about home improvement law, contact the Wisconsin Consumer Protection Bureau at 1-800-422-7128 or www.datcp.wi.gov.

(b) The notice shall be provided as a separate document, written in a clear and conspicuous font, in a format that the buyer can retain.



P.O Box 930220
Verona, WI 53593-0220
Phone: (608) 845-9700
Fax: (608) 845-7070

4/8/2025
VANIER, ROBERT
Doc ID: 7093920250408104450

Elevations & Floor Plan

Customer Information

Building Specification For:

VANIER, ROBERT
3030 ANDERSON DRIVE
ANTIGO, WISCONSIN 54409
Cell Phone: (715) 850-2727
Email: rockhardconcrete90@yahoo.com

Building Site Location:

Location: N/A
Tenant: N/A
3030 ANDERSON DRIVE
ANTIGO, WISCONSIN 54409
County: LANGLADE

Elevations for Building 1



East End Wall 1 on Building 1

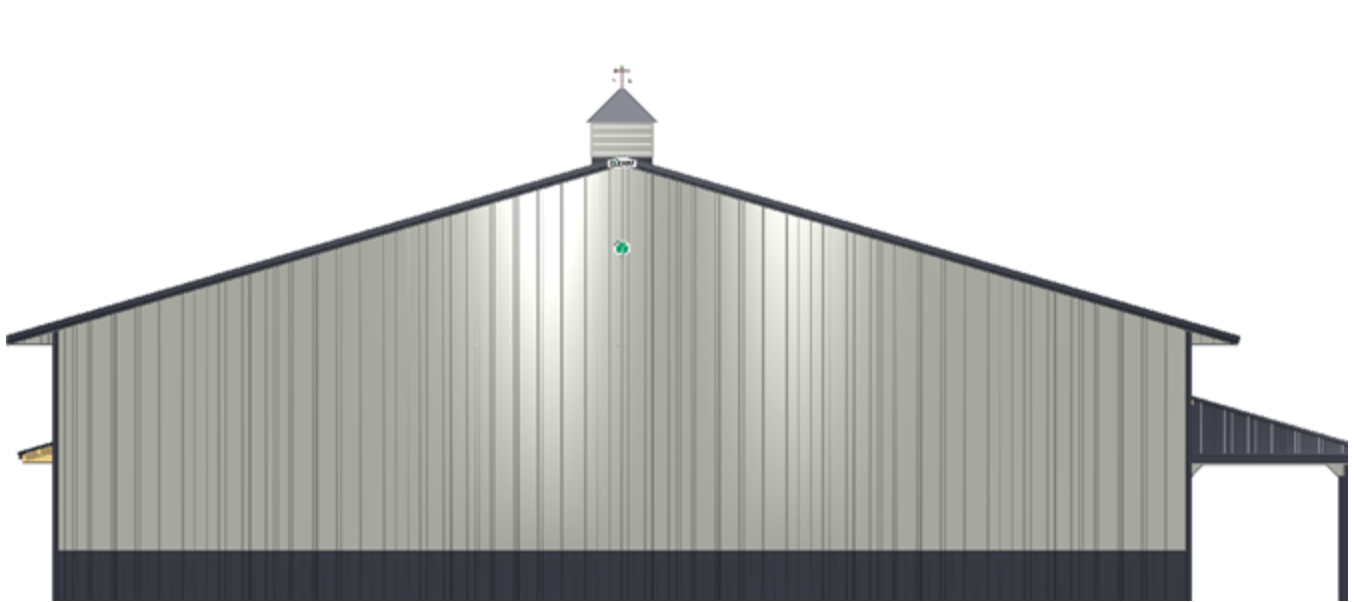
Note: These colors are as close to the actual colors as permitted by printing. Actual metal samples must be reviewed with your Sales Specialist. Colors vary depending upon position and angles.



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Verona, WI 53593-0220
Phone: (608) 845-9700
Fax: (608) 845-7070

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Elevations & Floor Plan



West End Wall 2 on Building 1

Note: These colors are as close to the actual colors as permitted by printing. Actual metal samples must be reviewed with your Sales Specialist. Colors vary depending upon position and angles.



South Side Wall 1 on Building 1

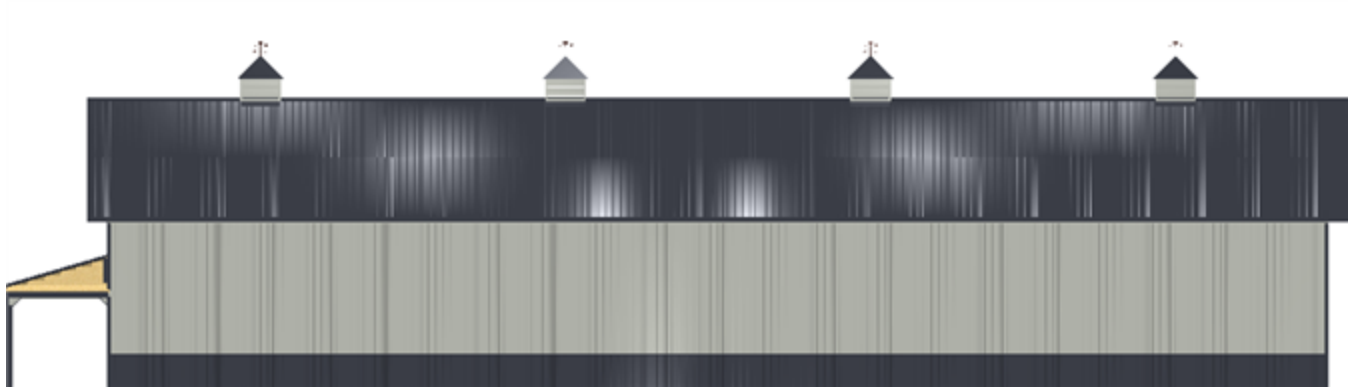
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Elevations & Floor Plan



North Side Wall 2 on Building 1

Note: These colors are as close to the actual colors as permitted by printing. Actual metal samples must be reviewed with your Sales Specialist. Colors vary depending upon position and angles.

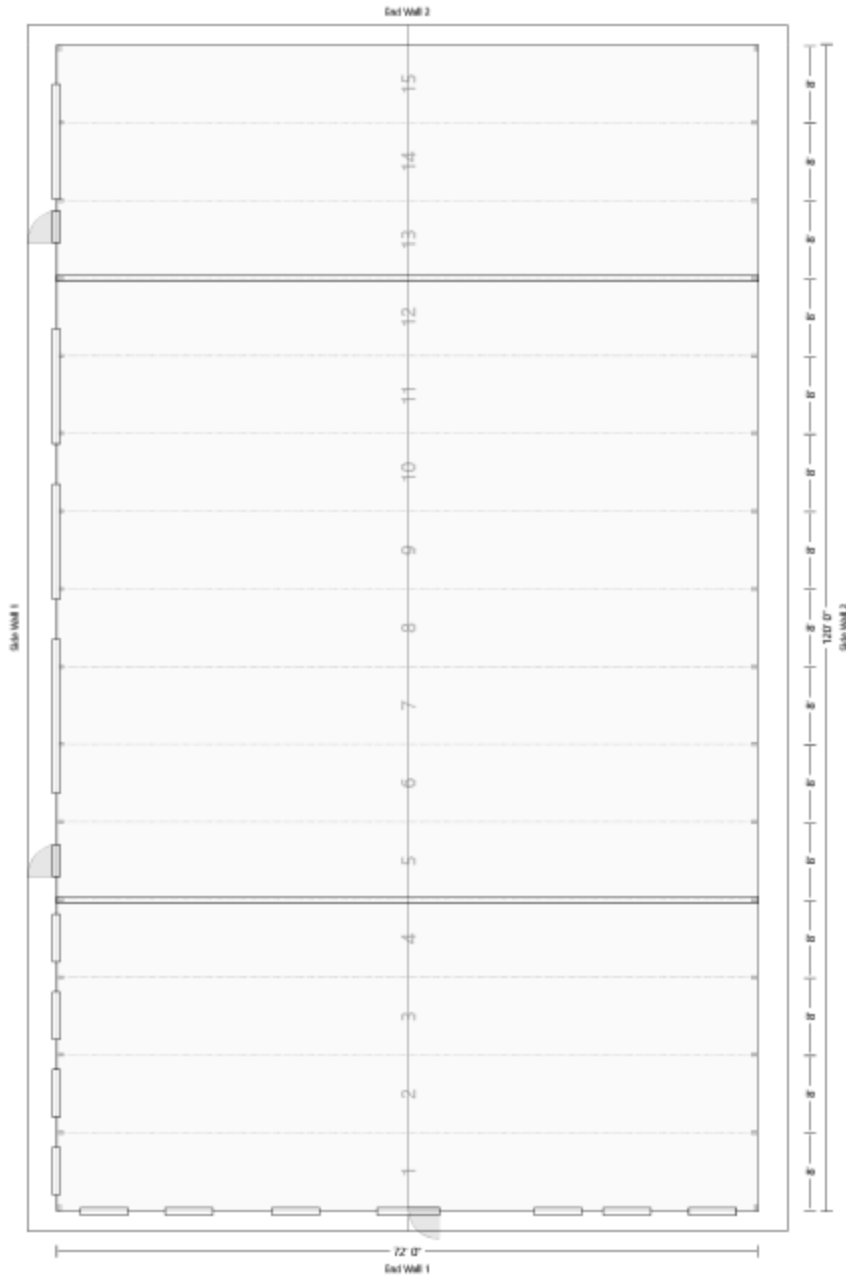


P.O Box 930220
Verona, WI 53593-0220
Phone: (608) 845-9700
Fax: (608) 845-7070

4/8/2025
VANIER, ROBERT
Doc ID: 7093920250408104450

Elevations & Floor Plan

Floor Plan



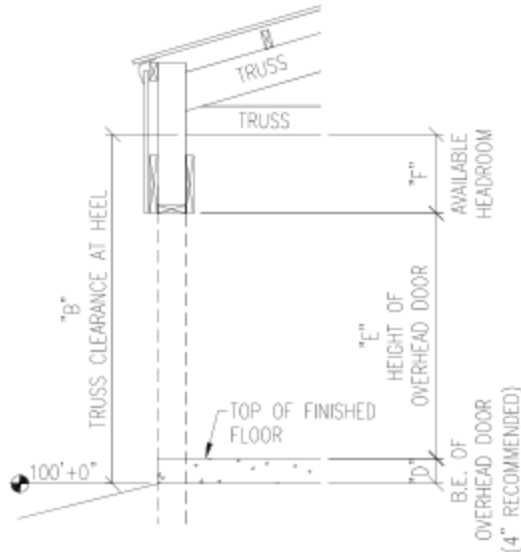


P.O Box 930220
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 Phone: (608) 845-9700
 Fax: (608) 845-7070

4/8/2025
 VANIER, ROBERT
 Doc ID: 7093920250408104450

Elevations & Floor Plan

Overhead Frameout & Headroom



"D" = Bottom elevation (B.E.) of overhead door: **0' 0"**

The bottom of all overhead doors (top of finished floor) are recommended to be placed at 4" above the 100'-0" mark (100'-4"). In building without paved floors, B.E. of doors may be lower - e.g. 100'-0".

"E" = Height of overhead door: **12' 0"**

Overhead door height = the height of the overhead door being placed in this building.

"F" = Available headroom: **3' 11"**

Available headroom = the space available for overhead door tracks and openers. If a ceiling is installed, headroom will be reduced by about 1". Door headroom requirements must be confirmed with the door supplier.

Headroom calculation formula:

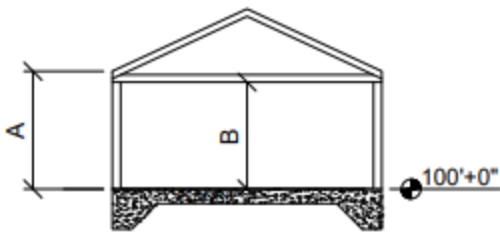
$$("B") - ("D") - ("E") = ("F")$$

$$(\text{Truss Clearance}) - (\text{B.E. of overhead door}) - (\text{Overhead door height}) = (\text{Available headroom})$$

Example:

$$(10'-0") - (4") - (8'-0") = (1'-8" \text{ of available headroom})$$

Interior Clearances and Exterior Heights



Standard Lower Chord Truss (SLC)

Interior Clearances:

"B"=Clearance from finished floor to bottom of truss: **16' 0"**

(Clearance is reduced by the thickness of any ceiling and the thickness of any floor covering)

Exterior Heights:

"A" = Actual Eave Height: **17' 8"**

Roof Peak Height: **28' 2"**

Roof Pitch: **3.5/12**



To: Mayor and City Council
From: Beth McCarthy, Building Inspector/Zoning Administrator
Date: May 06, 2025
Re: Review and Approve the Site Plan for the Unified School District of Antigo's New Elementary School Project

The proposed project will consist of constructing a new (roughly 73,000- SF) two-story elementary school and parking/drop-off areas. They are proposing to extend the sewer, and water laterals off of Eckart Street into the site to serve the building. Storm sewer will also be installed on site and connect into the existing 60" main along Western Avenue. Attached is a preliminary site plan for your reference.

New 6 Section 4K-4 Elementary School for: Unified School District of Antigo



Attachment: Arch Drawings to City_001 (7488 : Review and Approve Site Plan for the Unified School



blue design group, llc.

202 West Main, PO Box 357 Hortonville, WI 54944
Phone: (920) 572-BLUE
www.bluedesigngroupllc.com

PROJECT CONSULTANTS

Civil Engineering:
Point of Beginning
4941 Kirschling Court
Stevens Point, WI 54481
(715) 340-7800 (ph)

Structural Engineering:
Larson Engineering
2801 E. Enterprise Ave., Ste 200
Appleton, WI 54913
(920) 734-9867 (ph)

Plumbing Design:
LGD & Associates
10406 N. Baehr Road
Mequon, WI 53092
(262) 512-1501 (ph)

Mechanical & Electrical Engineering:
MSA Professional Services
116 Fremont St., PO Box 235
Kiel, WI 53042
(920) 894-7800 (ph)

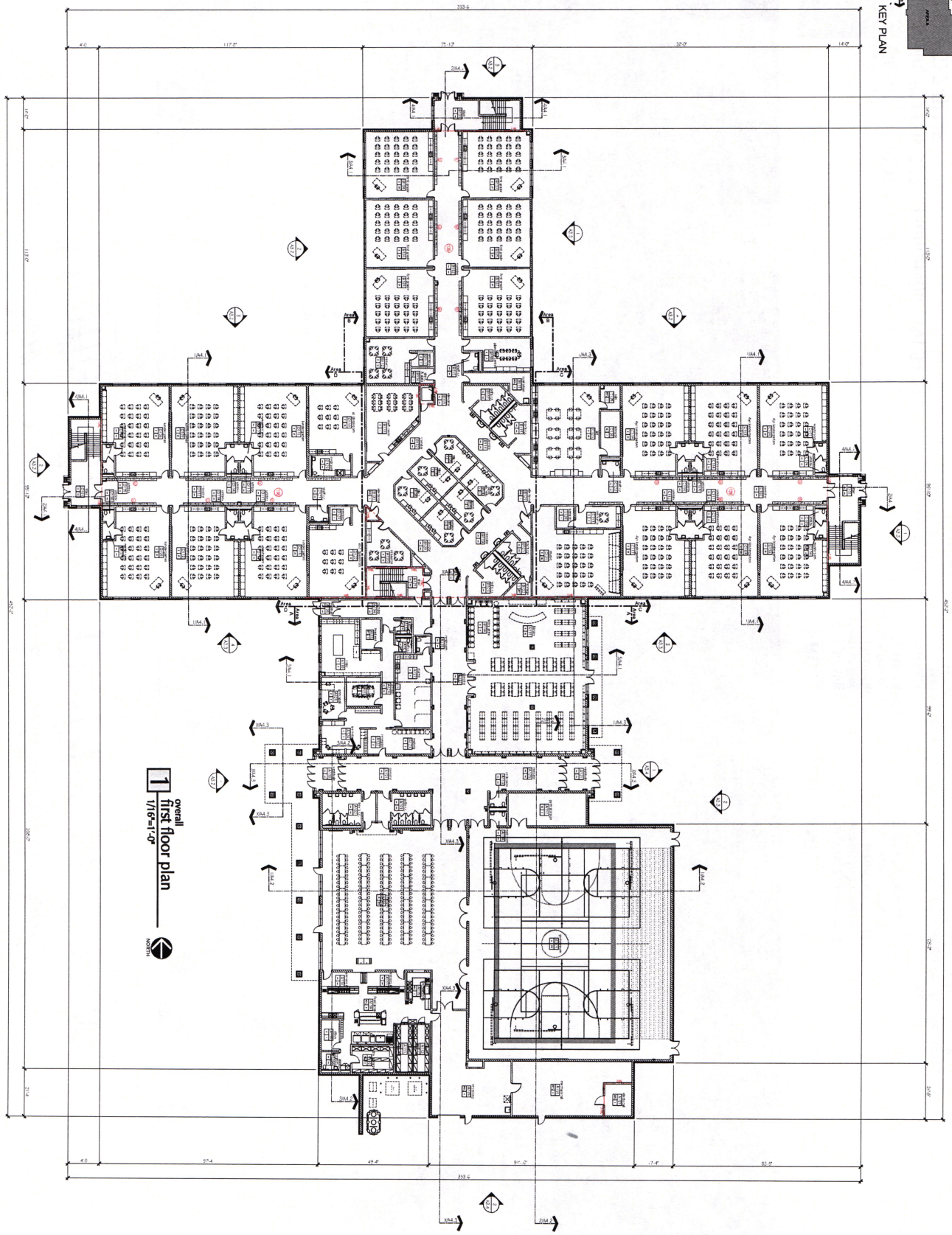
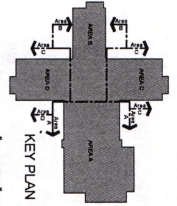
Food Service:
Stewart Design Associates, Inc.
5325 Wall St., Suite 2600
Madison, WI 53718
(608) 271-8554 (ph)

CONSTRUCTION DOCUMENTS

PROJECT # 24-012
April 24, 2025

A0.0

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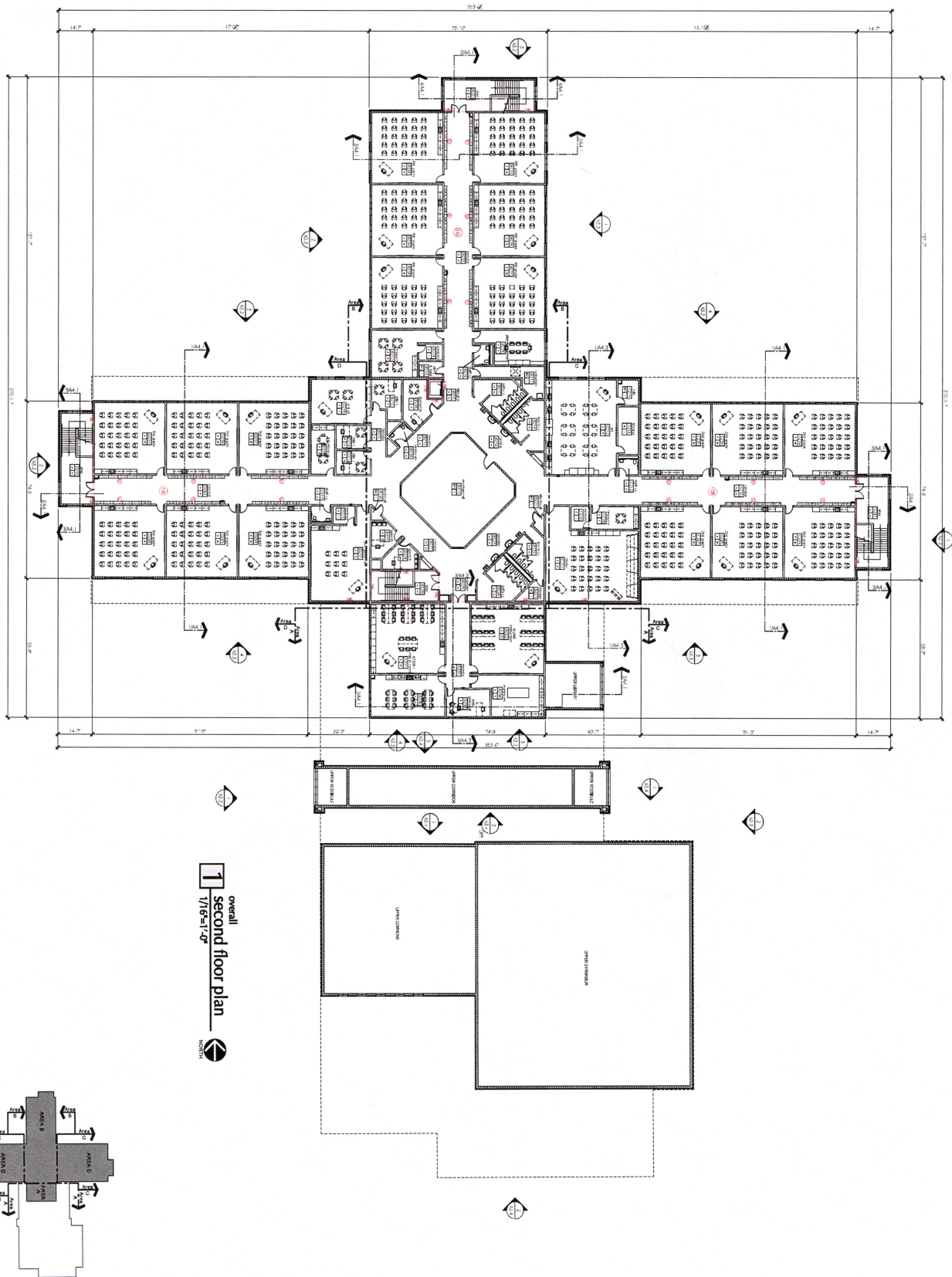
Attachment: Arch Drawings to City_001 (7488 : Review and Approve Site Plan for the Unified School District of Antigo's Elementary School

A2.1	DRAWING #
	REVISION DATE
	DATE 4-24-2025
	PROJECT # 24-012

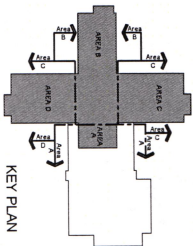
New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo



blue design group, llc.
202 West Main, PO Box 317, Horshoek, WI 54944
9200 572-2383



1 overall second floor plan
1/16"=1'-0"

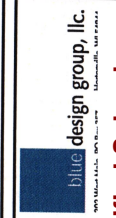


A2.2	PROJECT #	24-012
	DATE	4-24-2025
	REVISION	DATE
	DATE	

New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo



blue design group, llc.
202 West Main, PO Box 337, Hortonville, WI 54944
(920) 572-2500

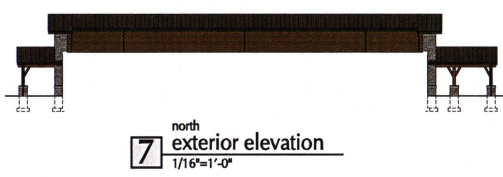


New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

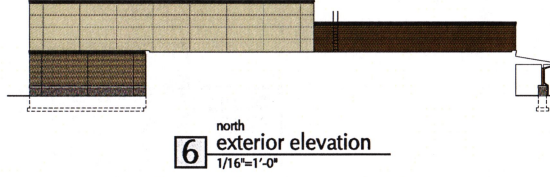
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PROJECT #	24-012
DATE	4-24-2025
REVISION	DATE
DRAWING #	A3.1

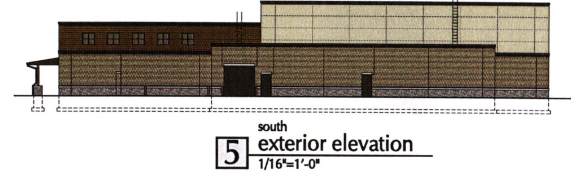
Attachment: Arch Drawings to City_001 (7488 : Review and Approve Site Plan for the Unified School



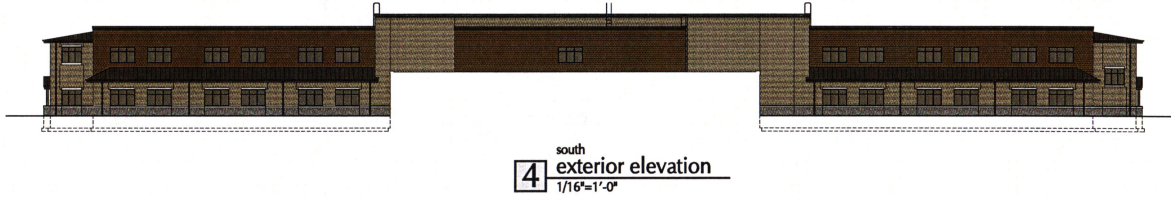
7 north exterior elevation
1/16"=1'-0"



6 north exterior elevation
1/16"=1'-0"



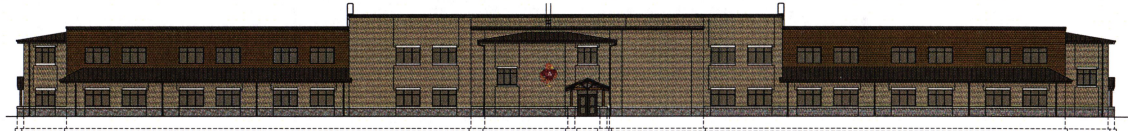
5 south exterior elevation
1/16"=1'-0"



4 south exterior elevation
1/16"=1'-0"



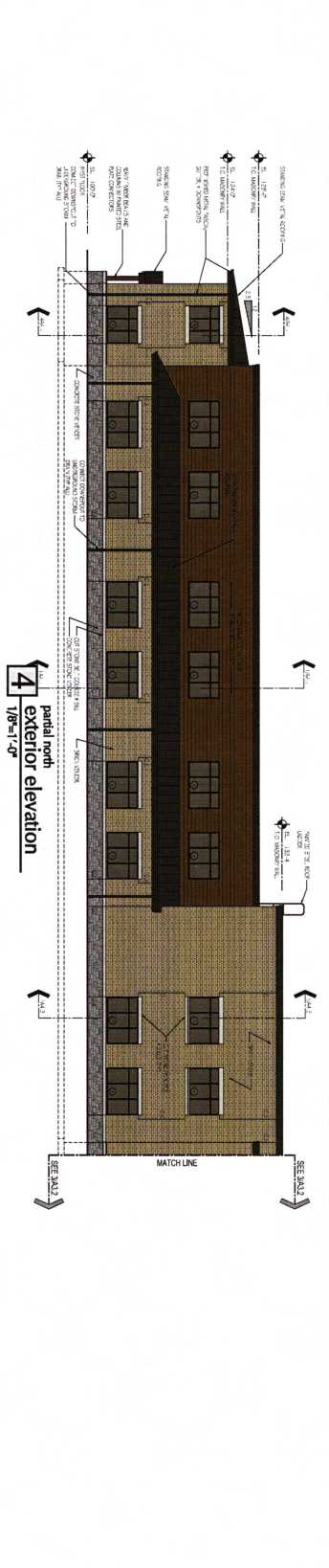
3 east exterior elevation
1/16"=1'-0"



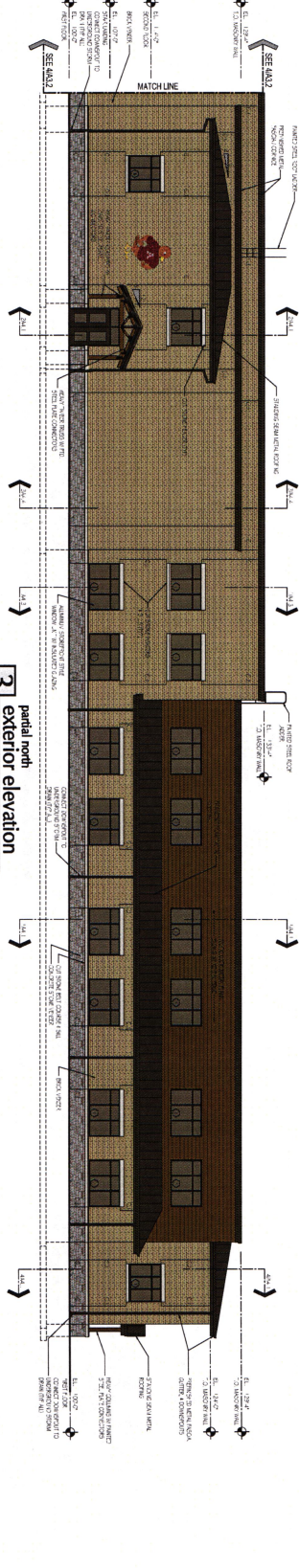
2 north exterior elevation
1/16"=1'-0"



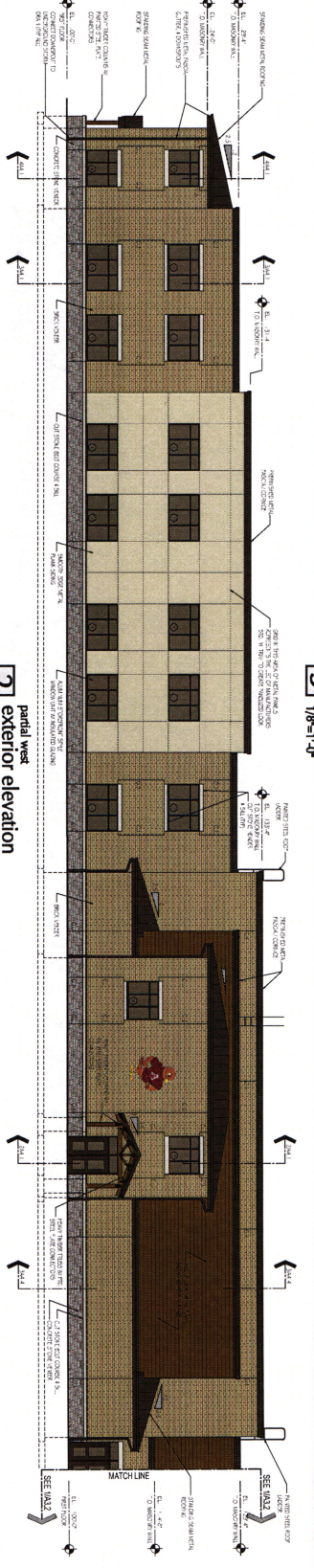
1 west exterior elevation
1/16"=1'-0"



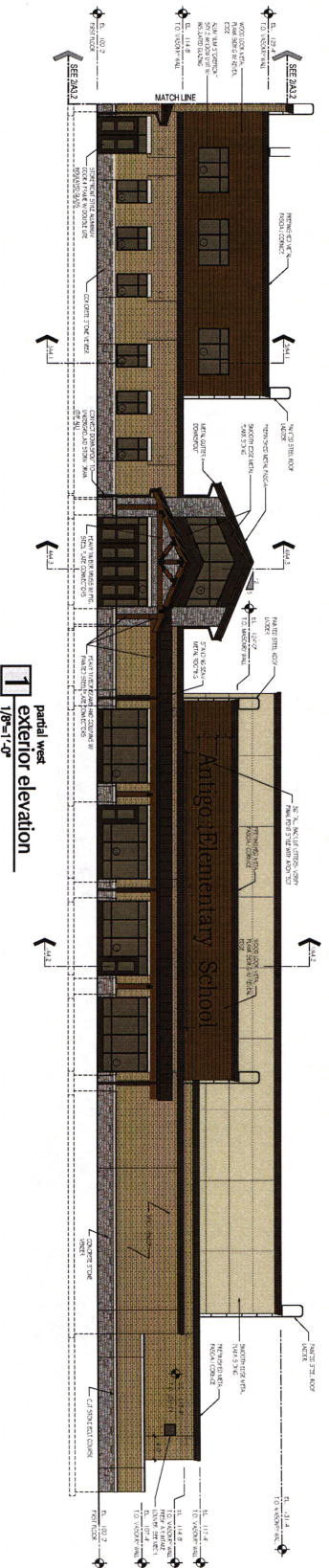
4 partial north exterior elevation
1/8"=1'-0"



3 partial north exterior elevation
1/8"=1'-0"



2 partial west exterior elevation
1/8"=1'-0"



1 partial west exterior elevation
1/8"=1'-0"

PROJECT #	24-012
DATE	4-24-2025
REGION	
DATE	
DRAWING #	A3.2

New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

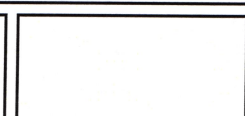


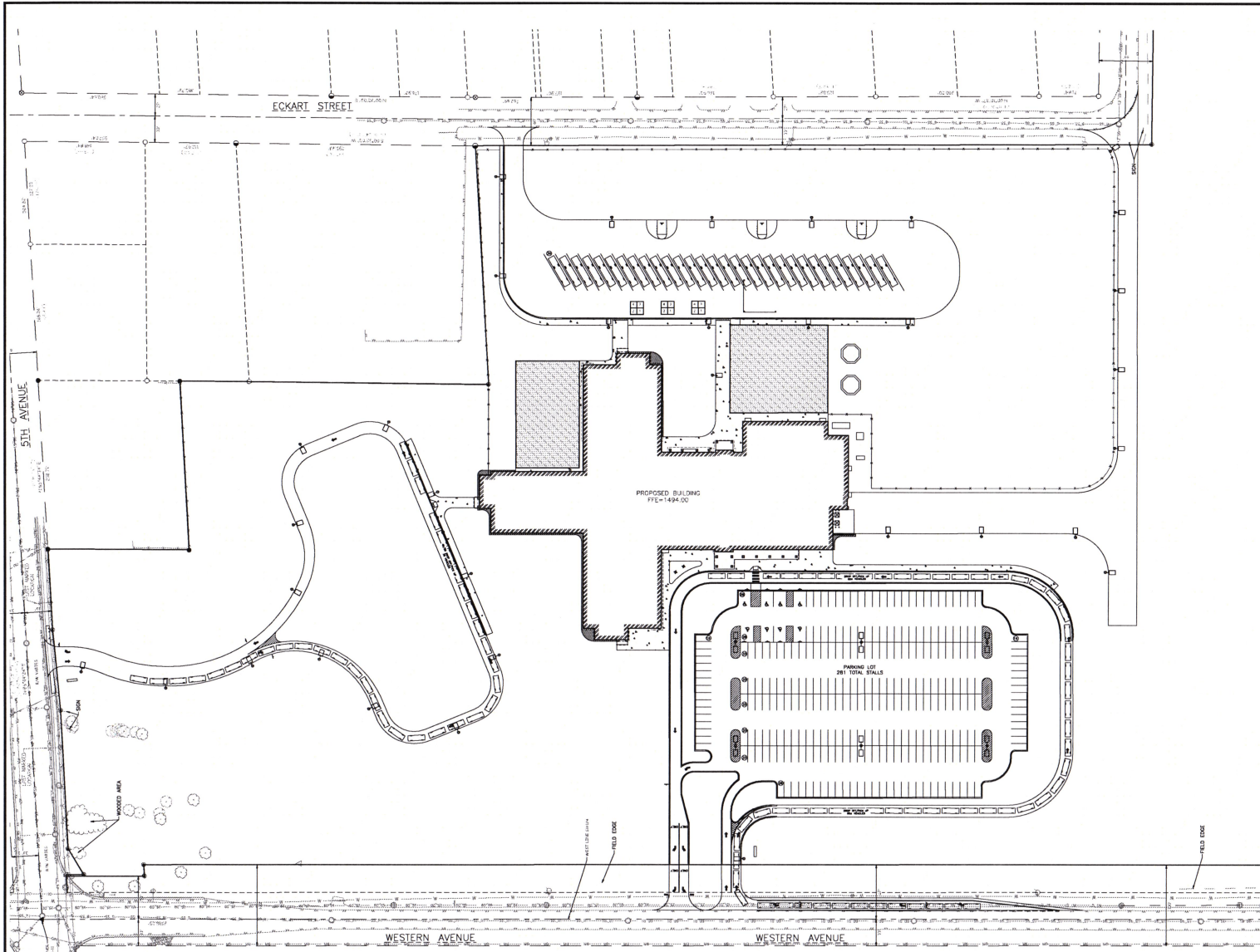
blue design group, llc.
202 West Main, PO Box 357 Hortonville, WI 54944
(920) 572-2543 www.bluedesigngroup.com



PROJECT #	24-012
DATE	4-24-2025
REVISION	DATE
DRAWING #	
A3.3	

New 6 Section 4K-4 Elementary School for:
 Unified School District of Antigo





GENERAL NOTES:

1. CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
2. GRADE, ELEV. AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
3. ALL REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
4. SEE SHEET C4.0 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
5. ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
6. VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
7. BIDDERS SHALL VISIT THE SITE AND REVIEW EXISTING CONDITIONS PRIOR TO THE BID DATE.
8. PRIOR TO STARTING WORK, VERIFY WITH THE LOCAL AUTHORITIES THAT ALL REQUIRED PERMITS HAVE BEEN ACQUIRED.
9. COORDINATE CONSTRUCTION IN THE RIGHT OF WAY WITH THE LOCAL AUTHORITIES.
10. PROVIDE PROPER BARRICADES, SIGNS, AND TRAFFIC CONTROL TO MAINTAIN THRU TRAFFIC ALONG ADJACENT STREETS IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS.
11. SIDEWALK JOINTS SHALL BE INSTALLED AS INDICATED OR AS APPROVED BY THE CONSTRUCTION MANAGER.

PAVEMENT HATCH PATTERNS:

PROPOSED STANDARD ASPHALT PAVEMENT		1
PROPOSED HEAVY DUTY ASPHALT PAVEMENT		2
PROPOSED STANDARD CONCRETE PAVEMENT		3
PROPOSED REINFORCED CONCRETE PAVEMENT		4
PROPOSED WOOD MULCH PLAY AREA		5

CIVIL SHEET INDEX:

- C1.0 OVERALL LAYOUT PLAN
- C1.1 NORTH LAYOUT PLAN
- C1.2 EAST LAYOUT PLAN
- C1.3 WEST LAYOUT PLAN
- C2.0 OVERALL GRADING PLAN
- C2.1 NORTH GRADING PLAN
- C2.2 EAST GRADING PLAN
- C2.3 WEST GRADING PLAN
- C3.0 EROSION CONTROL PLAN
- C4.0 OVERALL UTILITY PLAN
- C4.1 NORTH UTILITY PLAN
- C4.2 EAST UTILITY PLAN
- C4.3 WEST UTILITY PLAN
- C5.0 DETAILS
- C5.1 DETAILS
- C5.2 DETAILS

NOT FOR CONSTRUCTION
OVERALL LAYOUT PLAN

BENCHMARK:

ELEVATIONS ARE REFERENCED TO MVD 88 DATUM.

BENCHMARK #1
NORTH-EAST FLANGE BOX ON HYDRANT, LOCATED ON THE EAST SIDE OF SOUTH WESTERN AVENUE, APPROXIMATELY 20 FEET SOUTHWEST OF THE SOUTHWEST CORNER OF THE AQUATIC CENTER BUILDING. ELEVATION = 1488.10

BENCHMARK #2
CHISEL SQUARE ON NORTH SIDE OF LIGHT POLE, LOCATED AT THE WESTERN END OF THE MEDIAN IN THE PARKING LOT ON THE SOUTH SIDE OF THE ANTIGO HIGH SCHOOL BUILDING. ELEVATION = 1488.54

BENCHMARK #3
NORTH-EAST FLANGE BOX ON HYDRANT, LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF WESTERN AVENUE AND 10TH AVENUE. ELEVATION = 1488.48

UTILITY DISCLAIMER:

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, INVERTS, DEPTIONS, AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS. PRIOR TO CONSTRUCTION, THE VIOLENCY OF ANY UTILITIES SHOWN HEREON IS BE RECOMMENDED THAT THE LOCATIONS, DEPTIONS, AND SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE. BEING POSSIBLY THAT ADDITIONAL UTILITIES WERE NOT DISCOVERED, OR MARKED DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY. ANY CONSTRUCTION USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THESE UTILITIES MAY RESULT IN THE DISCOVERY OF ADDITIONAL UTILITIES. THE ENGINEER HAS CONDUCTED VISUAL GENERAL UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKING, BY OTHERS AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT OF BEGINNING MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

blue design group, llc.
707 West Main, P.O. Box 357, Marquette, WI 54944

Civil Engineering
Land Surveying
Landscape Architecture
POB



New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

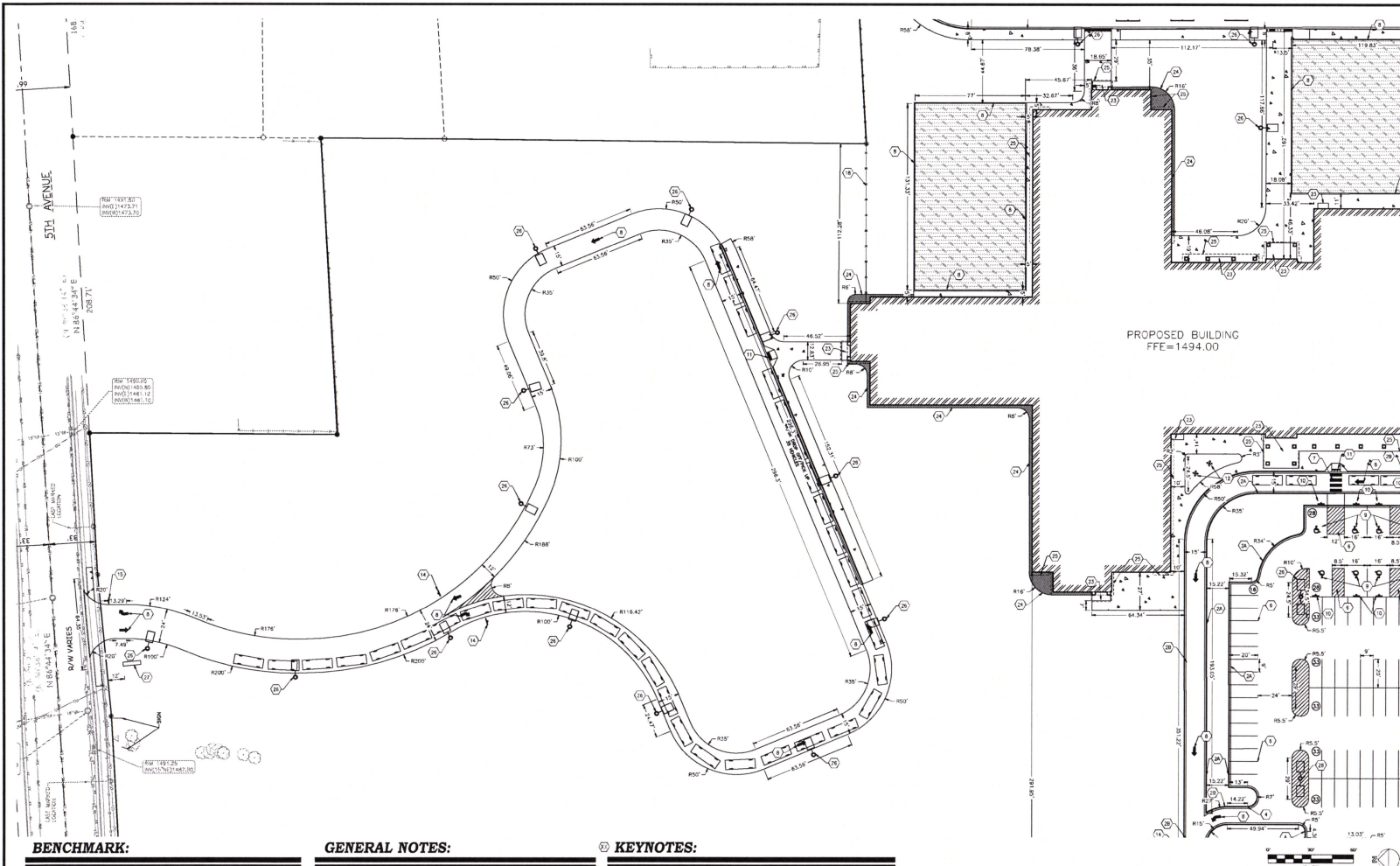
PROJECT #

DATE 04-30-2025

REVISION DATE

DRAWING #

C1.0



BENCHMARK:

ELEVATIONS ARE REFERENCED TO NAD 83 DATUM.

BENCHMARK #1
NORTHWEST FLANGE BOLT ON HYDRANT
LOCATED ON THE EAST SIDE OF SOUTH WESTERN AVENUE, APPROXIMATELY 85 FEET WEST OF THE SOUTHWEST CORNER OF THE AQUATIC CENTER BUILDING.
ELEVATION = 1488.10

BENCHMARK #2
CHISEL SQUARE ON NORTH SIDE OF LIGHT POLE
LOCATED AT THE WESTERN END OF THE MEDIAN IN THE PARKING LOT ON THE SOUTH SIDE OF THE ANTIGO HIGH SCHOOL BUILDING.
ELEVATION = 1485.54

BENCHMARK #3
SOUTHWEST FLANGE BOLT ON HYDRANT
LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF WESTERN AVENUE AND 10TH AVENUE.
ELEVATION = 1488.48

BENCHMARK #4
CHISEL SQUARE ON SOUTH SIDE OF LIGHT POLE
LOCATED ON THE NORTH SIDE OF THE ANTIGO HIGH SCHOOL BUILDING, APPROXIMATELY 25 FEET WEST OF THE SOUTHWEST CORNER OF THE BUILDING.
ELEVATION = 1488.38

BENCHMARK #5
CHISEL SQUARE ON NORTH SIDE OF LIGHT POLE
LOCATED WITHIN THE MEDIAN OF THE PARKING LOT ON THE SOUTH SIDE OF A SPEED BUMP.
ELEVATION = 1488.12

BENCHMARK #6
FLY BY BOLT ON HYDRANT
LOCATED ON THE SOUTH SIDE OF 10TH AVENUE, APPROXIMATELY 215 FEET FROM THE INTERSECTION OF 10TH AVENUE AND WESTERN AVENUE.
ELEVATION = 1486.58

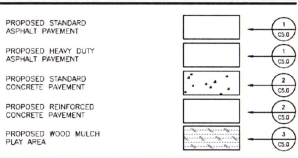
UTILITY DISCLAIMER:

THE LOCATIONS, DEPTHS AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD RESEARCH, AND/OR AS-BUILT PLANS, SANITARY SEWER AND STORM SEWER AIRS, SETS, METERS, DIRECTORS AND LOCATIONS FROM RECORDS AND SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES, WHERE NECESSARY. LOCATIONS OF UTILITIES SHOWN HEREON ARE ONLY APPROXIMATE, WITH POSSIBLY THAT ADDITIONAL UTILITIES WERE NOT DISCOVERED OR MARKED DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY AND FIELD AND CONSTRUCTION OF THIS INFORMATION THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN HEREON. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKINGS, BY COLOR, AND/OR AS-BUILT PLANS PROVIDED BY OTHERS. FROM THE BEST AVAILABLE INFORMATION, THE INFORMATION SHOWN HEREON IS IMPLIED WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND IS NOT GUARANTEED. THE INFORMATION CONTAINED HEREON IS NEARLY AND GENERALLY ACCURATE FOR THE PURPOSES INTENDED.

GENERAL NOTES:

- CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- GRADE, LINES, AND LEVELS TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- ALL REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LOCAL, MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- SEE SHEET C3.0 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
- VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF SEASON/CONSTRUCTION.
- BIDDERS SHALL VISIT THE SITE AND REVIEW EXISTING CONDITIONS PRIOR TO THE BID DATE.
- PRIOR TO STARTING WORK, VERIFY WITH THE LOCAL AUTHORITIES THAT ALL REQUIRED PERMITS HAVE BEEN ACQUIRED.
- COORDINATE CONSTRUCTION IN THE RIGHT OF WAY WITH THE LOCAL AUTHORITIES.
- PROVIDE PROPER BARRICADES, SIGNS, AND TRAFFIC CONTROL TO MAINTAIN THRU TRAFFIC ALONG ADJACENT STREETS IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS.
- SEWERAGE JUNCTIONS SHALL BE INSTALLED AS INDICATED OR AS APPROVED BY THE CONSTRUCTION MANAGER.

PAVEMENT HATCH PATTERNS:



KEYNOTES:

- 8" CONCRETE CURB
- 18" CONCRETE CURB & GUTTER
- ROLL CURB & GUTTER
- STANDARD CURB TO REJECT CURB TRANSITION FRONT
- CONCRETE DUMPSER PAD
- PARKING LOT STRIPING
- CROSSWALK STRIPING
- DIRECTIONAL ARROW
- ACCESSIBLE PARKING STALL
- ACCESSIBLE PARKING SIGN
- ACCESSIBLE RAMP
- FLAG POLE
- DO NOT ENTER SIGN
- RIGHT TURN ONLY SIGN
- STOP SIGN
- PLAYGROUND PAVEMENT MARKING (PROVIDED BY OTHERS)
- GAGA BALL PIT (PROVIDED BY OTHERS)
- 4" CHAIN LINK FENCE
- 6" CHAIN LINK FENCE W/ PRIVACY SLATS
- CONCRETE TRANSFORMER PAD (SEE ELECTRICAL)
- CONCRETE GENERATOR PAD (SEE ELECTRICAL)
- CONCRETE CHILLER PAD (SEE HVAC)
- PROPOSED CONCRETE STOOP (SEE STRUCTURAL)
- 2" WIDE CONCRETE MOW STRIP (COLOR TO MATCH EXPOSED FOUNDATION)
- PROPOSED BUILDING OVERBANK (SEE ARCHITECTURAL)
- PROPOSED LIGHT POLE (SEE ELECTRICAL)
- PROPOSED MONUMENT SIGN

NOT FOR CONSTRUCTION
NORTH LAYOUT PLAN



New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

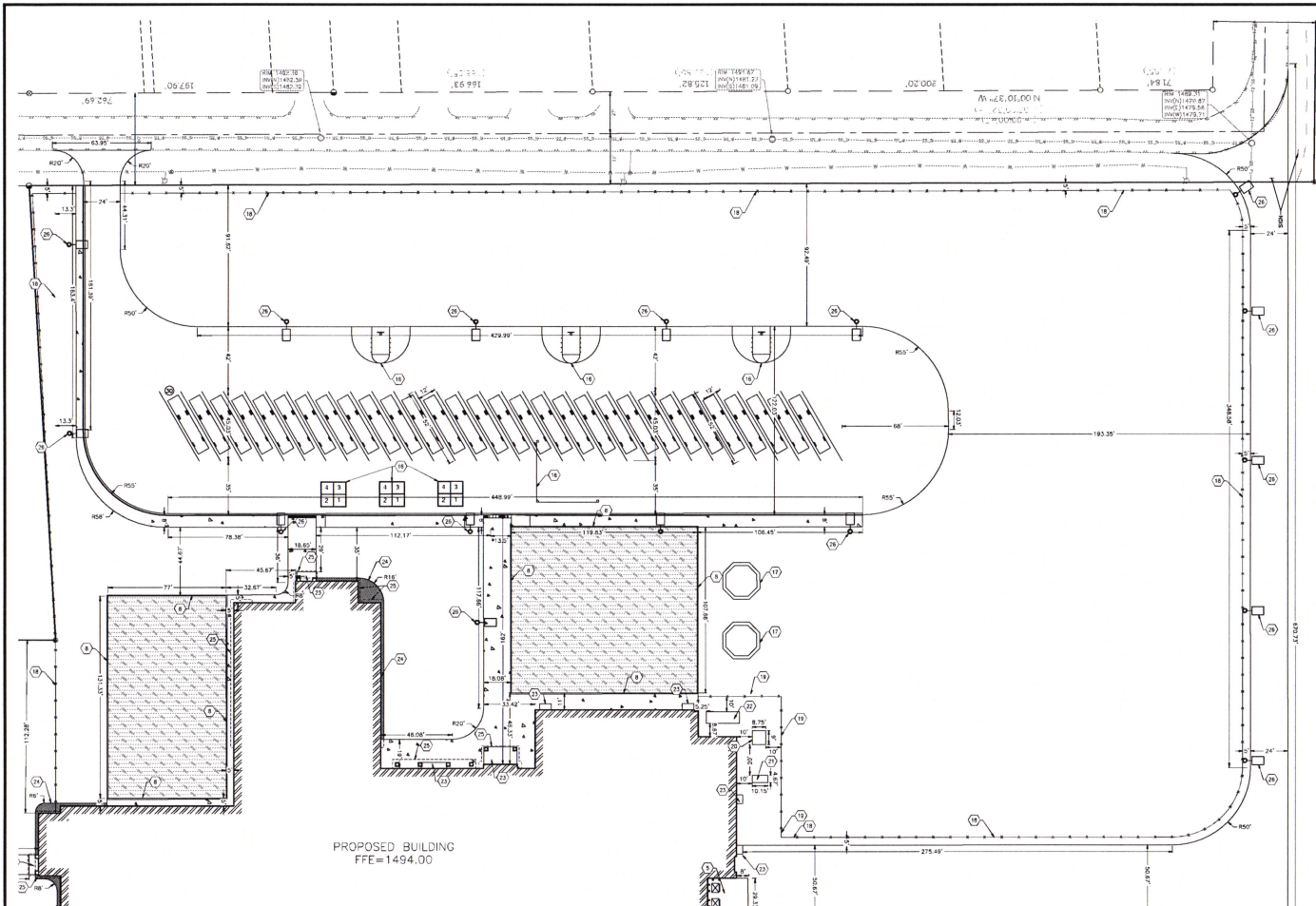
PROJECT #
DATE 04-30-2025

REVISION DATE

DRAWING #

C1.1

Attachment: 24.0131 Antigo New Elementary School (7488) : Review and Approve Site Plan for the Unified



BENCHMARK:

ELEVATIONS ARE REFERENCED TO NAVD 83 DATUM.

BENCHMARK #1
 CONCRETE FLANGE BOLT ON HYDRANT
 LOCATED ON THE EAST SIDE OF SOUTH WESTERN
 APPROXIMATELY 20 FEET WEST
 OF THE SOUTHWEST CORNER OF THE AQUATIC CENTER
 BUILDING.
 ELEVATION = 1488.10

BENCHMARK #2
 CHISELED SQUARE ON NORTH SIDE OF LIGHT POLE
 BASE.
 LOCATED AT THE WESTERN END OF THE MEDIAN OF THE PARKING LOT
 ON THE SOUTH SIDE OF THE ANTIGO HIGH SCHOOL
 BUILDING, TOWARD SOUTH OF A SPEED RAMP.
 ELEVATION = 1485.54

BENCHMARK #3
 CONCRETE FLANGE BOLT ON HYDRANT
 LOCATED AT THE SOUTHEAST CORNER OF THE
 INTERSECTION OF WESTERN AVENUE AND 10TH
 AVENUE.
 ELEVATION = 1488.48

BENCHMARK #4
 CHISELED SQUARE ON SOUTH SIDE OF LIGHT POLE
 BASE.
 LOCATED ON THE NORTH SIDE OF THE ANTIGO HIGH
 SCHOOL BUILDING, APPROXIMATELY 20 FEET
 WESTWEST OF THE NORTHWEST CORNER OF THE
 ANTIGO HIGH SCHOOL BUILDING.
 ELEVATION = 1488.12

BENCHMARK #5
 CHISELED SQUARE ON NORTH SIDE OF LIGHT POLE
 BASE.
 LOCATED WITHIN THE MEDIAN OF THE PARKING LOT
 ON THE SOUTH SIDE OF THE ANTIGO HIGH SCHOOL
 BUILDING, TOWARD SOUTH OF A SPEED RAMP.
 ELEVATION = 1485.54

BENCHMARK #6
 BUILT BOLT ON HYDRANT
 LOCATED ON THE SOUTH SIDE OF 10TH AVENUE,
 APPROXIMATELY 180 FEET FROM THE INTERSECTION
 OF 10TH AVENUE AND WESTERN AVENUE.
 ELEVATION = 1488.56

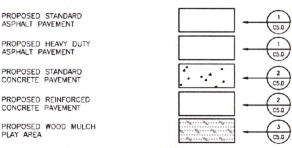
UTILITY DISCLAIMER:

THE LOCATION, SIZE, AND TYPE OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER TIE-INS, GUILTS, DEVIATIONS, AND LOCATIONS BETWEEN MANHOLES ARE SURFACED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS. PRIOR TO CONSTRUCTION, THE WORKER SHALL VERIFY THE LOCATION, DEPTH, AND SIZE OF TIES SHOWN. THE LOCATIONS SHOWN ARE ONLY SURFACE INDICATIONS. THAT ADDITIONAL GUILTS AND TIES DISCOVERED OR MARKED DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY INFORMATION UPON THIS SET OF PLANS IS SUBJECT TO THE DISCRETION OF ADDITIONAL UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKING BY OTHERS, AND/OR OTHER PLANS PROVIDED BY OTHERS. THE ENGINEER MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, REGARDING THE EXISTING UTILITIES SHOWN HEREON. THE ENGINEER'S BELIEFS THAT THE INFORMATION CONTAINED HEREIN IS RELIABLE AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

GENERAL NOTES:

- CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- GRADE LINE AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- ALL REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- SEE SHEET C3.0 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR AUGMENTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
- VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- SEEDERS SHALL VISIT THE SITE AND REVIEW EXISTING CONDITIONS PRIOR TO THE BID DATE.
- PRIOR TO STARTING WORK, VERIFY WITH THE LOCAL AUTHORITIES THAT ALL REQUIRED PERMITS HAVE BEEN ACQUIRED.
- COORDINATE CONSTRUCTION IN THE RIGHT OF WAY WITH THE LOCAL AUTHORITIES.
- PROVIDE PROPER BARRICADES, SIGNS, AND TRAFFIC CONTROL TO MAINTAIN THRU TRAFFIC ALONG ADJACENT STREETS IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS.
- SIDEWALK JOISTS SHALL BE INSTALLED AS INDICATED OR AS APPROVED BY THE CONSTRUCTION MANAGER.

PAVEMENT HATCH PATTERNS:



KEYNOTES:

1. 8" CONCRETE CURB
2. 18" CONCRETE CURB & GUTTER
3. ROLL CURB & GUTTER
4. STANDARD CURB TO REJECT CURBS TRANSITION POINT
5. CONCRETE DUMPSTER PAD
6. PARKING LOT STRIPING
7. CROSSWALK STRIPING
8. DIRECTIONAL ARROW
9. ACCESSIBLE PARKING STALL
10. ACCESSIBLE PARKING SIGN
11. ACCESSIBLE RAMP
12. FLAG POLE
13. DO NOT ENTER SIGN
14. RIGHT TURN ONLY SIGN
15. STOP SIGN
16. PAVEMENT MARKING (PROVIDED BY OTHERS)
17. COCA BALL FIT (PROVIDED BY OTHERS)
18. 4" CHAIN LINK FENCE
19. 6" CHAIN LINK FENCE W/ PRIVACY SLATS
20. CONCRETE TRANSFORMER PAD (SEE ELECTRICAL)
21. CONCRETE GENERATOR PAD (SEE ELECTRICAL)
22. CONCRETE CHILLER PAD (SEE HVAC)
23. PROPOSED CONCRETE STOOP (SEE STRUCTURAL)
24. 2" WIDE CONCRETE MOW STRIP (COLOR TO MATCH EXPOSED FOUNDATION)
25. PROPOSED BUILDING OVERHANG (SEE ARCHITECTURAL)
26. PROPOSED LIGHT POLE (SEE ELECTRICAL)
27. PROPOSED MONUMENT SIGN



NOT FOR CONSTRUCTION
 EAST LAYOUT PLAN



New 6 Section 4K-4 Elementary School for:
 Unified School District of Antigo

PROJECT #
 DATE 04-30-2025

REVISION DATE

DRAWING #
 C1.2

Attachment: 24.0131 Antigo New Elementary School (7488) : Review and Approve Site Plan for the Unified

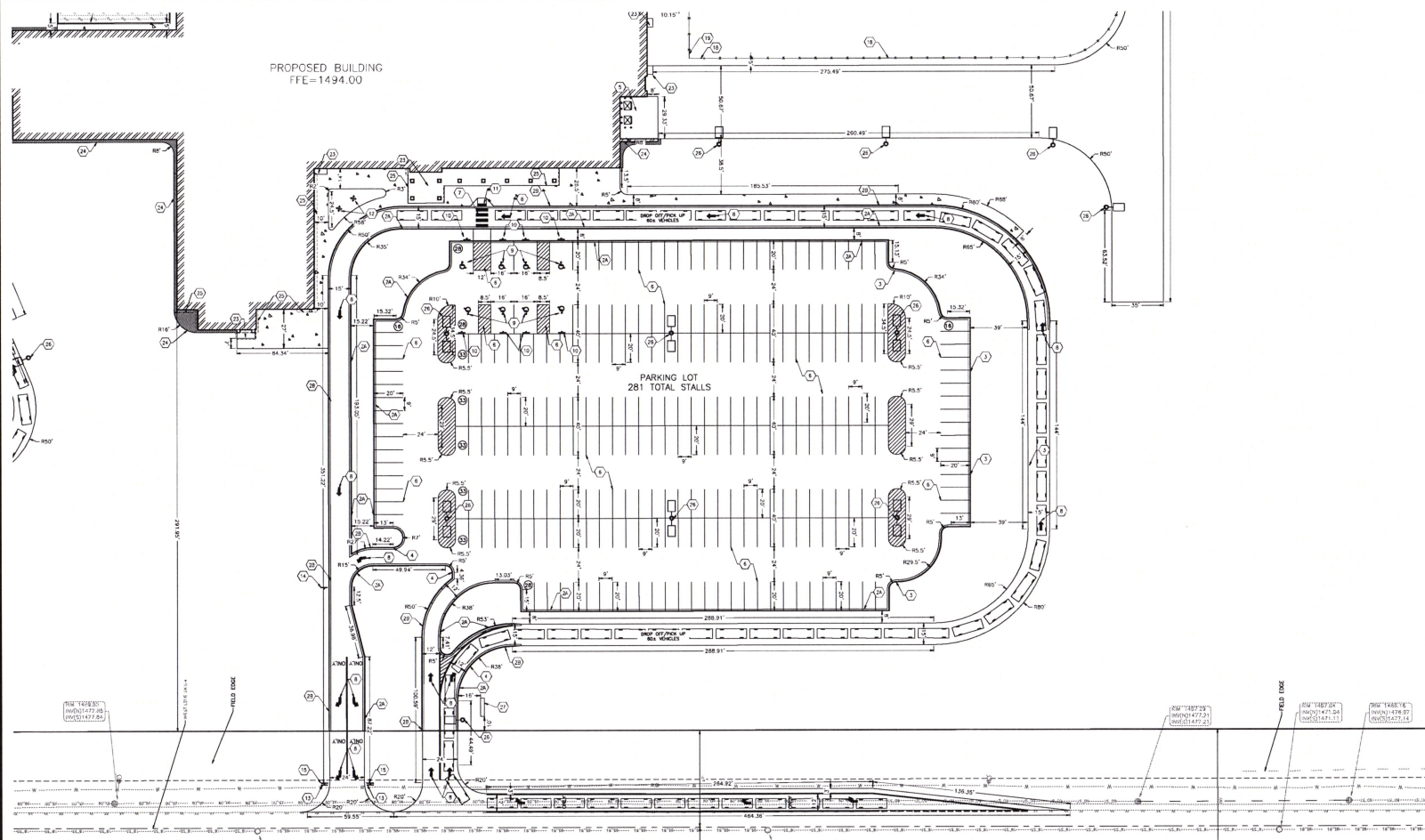


New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

PROJECT #
DATE 04-30-2025
REVISION DATE

DRAWING #
C1.3

Attachment: 24.0131 Antigo New Elementary School (7488 : Review and Approve Site Plan for the Unified



BENCHMARK:

- BENCHMARK #1: NORTHWEST FLANGE BOLT ON HYDRANT... ELEVATION = 1408.10
- BENCHMARK #2: CHISELED SQUARE ON NORTH SIDE OF LIGHT POLE BASE... ELEVATION = 1408.54
- BENCHMARK #3: CHISELED SQUARE ON SOUTH SIDE OF LIGHT POLE BASE... ELEVATION = 1408.56
- BENCHMARK #4: CHISELED SQUARE ON NORTH SIDE OF LIGHT POLE BASE... ELEVATION = 1408.52
- BENCHMARK #5: BOLT SET ON HYDRANT... ELEVATION = 1408.48

GENERAL NOTES:

- 1. CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- 2. OWNER SHALL BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- 3. ALL REQUIRED EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- 4. SEE SHEET C-3.0 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
- 5. ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND/OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
- 6. VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- 7. BIDDERS SHALL VISIT THE SITE AND REVIEW EXISTING CONDITIONS PRIOR TO THE BID DATE.
- 8. PRIOR TO STARTING WORK, VERIFY WITH THE LOCAL AUTHORITIES THAT ALL REQUIRED PERMITS HAVE BEEN ACQUIRED.
- 9. COORDINATE CONSTRUCTION IN THE RIGHT OF WAY WITH THE LOCAL AUTHORITIES.
- 10. PROVIDE PROPER BARRICADES, SIGNS, AND TRAFFIC CONTROL TO MAINTAIN THRU TRAFFIC ALONG ADJACENT STREETS IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS.
- 11. SIDEWALK JOINTS SHALL BE INSTALLED AS INDICATED OR AS APPROVED BY THE CONSTRUCTION MANAGER.

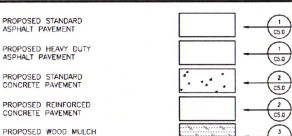
KEYNOTES:

- 1. 8" CONCRETE CURB
- 2. 18" CONCRETE CURB & GUTTER
- 3. ROLL CURB & GUTTER
- 4. STANDARD CURB TO REJECT CURBS TRANSITION POINT
- 5. CONCRETE DUMPSTER PAD
- 6. PARKING LOT STRIPING
- 7. CROSSWALK STRIPING
- 8. DIRECTIONAL ARROW
- 9. ACCESSIBLE PARKING STALL
- 10. ACCESSIBLE PARKING SIGN
- 11. ACCESSIBLE RAMP
- 12. FLAG POLE
- 13. DO NOT ENTER SIGN
- 14. RIGHT TURN ONLY SIGN
- 15. STOP SIGN
- 16. PAVEMENT MARKING (PROVIDED BY OTHERS)
- 17. CADA BALL PIT (PROVIDED BY OTHERS)
- 18. 4" CHAIN LINK FENCE
- 19. 5" CHAIN LINK FENCE W/ PRIVACY SLATS
- 20. CONCRETE TRANSFORMER PAD (SEE ELECTRICAL)
- 21. CONCRETE GENERATOR PAD (SEE ELECTRICAL)
- 22. CONCRETE CHILLER PAD (SEE HVAC)
- 23. PROPOSED CONCRETE STOOP (SEE STRUCTURAL)
- 24. 2" WIDE CONCRETE MOW STRIP (COLOR TO MATCH EXPOSED FOUNDATION)
- 25. PROPOSED BUILDING OVERHANG (SEE ARCHITECTURAL)
- 26. PROPOSED LIGHT POLE (SEE ELECTRICAL)
- 27. PROPOSED MONUMENT SIGN

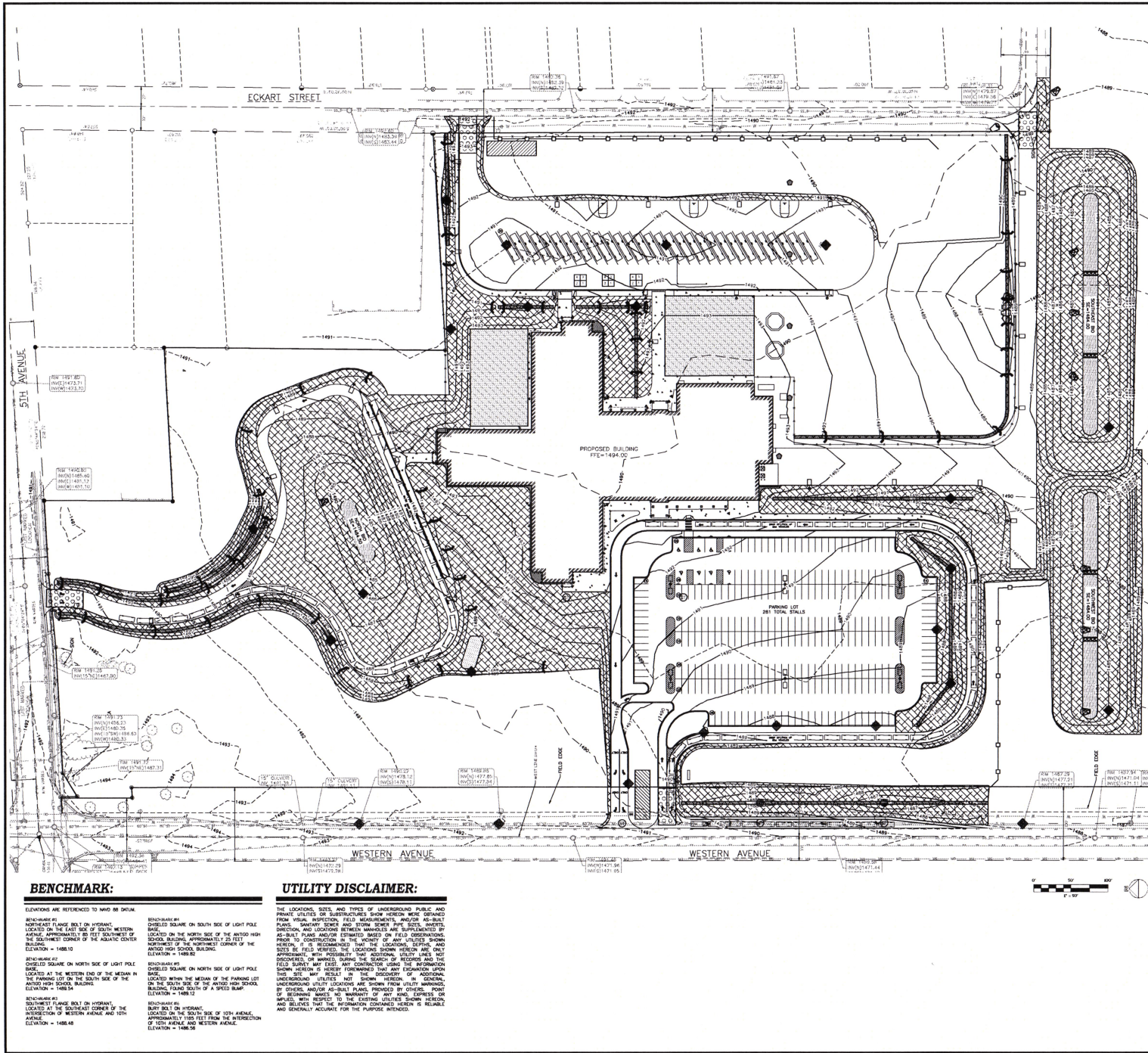
UTILITY DISCLAIMER:

THE LOCATION, SIZE AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS, MANHOLE TEMPLARS AND SIGNAL SLEWERS TAP SIZE, SHIELDS, DIRECTION AND LOCATION BETWEEN MANHOLES ARE SURVEYED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS. HEREON, IT IS RECOMMENDED THAT THE LOCATION, DEPTH, AND SIZE OF ALL UTILITIES BE RECHECKED PRIOR TO CONSTRUCTION AND THAT ANY UNDISCOVERED OR MARKED UTILITIES BE RECHECKED AND THE FIELD SURVEY MAY EXIST. ANY CONTRACTOR WHOSE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXAGGERATION UPON THIS SITE, WHICH RESULTS IN THE PROSECUTION OF ADDITIONAL UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM PUBLIC RECORDS, BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. NONE OF BEGINNING MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, AND ACCEPTS FULL RESPONSIBILITY FOR THE ACCURACY, COMPLETENESS AND GENERAL ACCURACY FOR THE PURPOSE INTENDED.

PAVEMENT HATCH PATTERNS:



NOT FOR CONSTRUCTION
WEST LAYOUT PLAN



GENERAL NOTES:

1. CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
2. THE PROPOSED SITE PLAN FINISH FLOOR ELEVATION OF 1494.00 EQUALS THE PROPOSED BUILDING ARCHITECTURAL FINISH FLOOR ELEVATION OF 100.00'.
3. GRADE, LINE AND LEVEL SHALL BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
4. INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
5. 6" OF TOPSOIL SHALL BE PROVIDED IN ALL GENERAL LAWN AREAS AND 12" SHALL BE PROVIDED IN ALL PLANTING BED AREAS.
6. ALL GENERAL LANDSCAPE AREAS SHALL BE SEED, FERTILIZED, AND CRIMP MAT MULCHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
7. SEE SHEET C-3.0 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
8. ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED, AND/OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
9. COORDINATE ALL EARTHWORK ACTIVITIES WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE AND ELECTRICAL (INCLUDING MAN SERVICE, SITE LIGHTING, CONDUITS AND SINKAGE).
10. PROVIDE RIP RAP AT ALL CULVERT OUTFLOW ENDBALL STRUCTURES TO PREVENT WASHOUT AND EROSION.
11. INSTALL W/300 TYPE #10 FILTER FABRIC BENEATH ALL RIP RAP.
12. EXCESS TOPSOIL SHALL BE REMOVED FROM SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER, COORDINATE WITH OWNER FOR LOCATION OF STOCKPILE. THE OWNER CHOOSES TO PLACE EXCESS TOPSOIL FOR FUTURE USE. Silt fence shall be placed around stockpile.
13. THE ENGINEER'S SOIL SHALL NOT BE PLACED IN THE BIOPRETENTION AREAS UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FULLY STABILIZED. ALL CONSTRUCTION SITE EROSION SHALL BE REMOVED FROM THE SURROUNDING OF THE BIOPRETENTION AREA PRIOR TO PLACEMENT OF THE ENGINEERED SOIL.
14. ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 282.21.
15. THE LOCAL MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY.
16. THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING.
17. THE LOCAL MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES IF NEEDED.
18. GRADES AT BUILDING EDGE SHALL BE 6" BELOW FINISHED FLOOR ELEVATION EXCEPT AT DOOR WAY ENTRANCES OF UNLESS OTHERWISE NOTED.

GRADING LEGEND:

EXISTING CONTOUR	---	712
PROPOSED CONTOUR	---	712
PROPOSED SPOT ELEVATION	○	724.20
PROPOSED ENDBALL INVERT ELEVATION	○	722.00
PROPOSED PAV ELEVATION	○	723.00
PROPOSED TOP OF CURB ELEVATION	○	725.50
PROPOSED FLOW LINE ELEVATION	○	723.50
PROPOSED TOP OF WALL ELEVATION	○	726.50
PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY)	○	722.50
PROPOSED ENDBALL STRUCTURE	□	712
PROPOSED ENDBALL STRUCTURE WITH RIP RAP	□	712
PROPOSED STORM SEWER MANHOLE	○	712
PROPOSED STORM SEWER CLEANOUT	○	712
PROPOSED STORM SEWER INLET	○	712
PROPOSED STORM SEWER CURB INLET	○	712
PROPOSED SANITARY SEWER CLEANOUT	○	712
PROPOSED DOWNSPOUT CONNECTION	○	712
PROPOSED BIOPRETENTION BASIN	○	712
PROPOSED INFILTRATION BASIN	○	712

BENCHMARK:

- BENCHMARK #1: CORNER PLUMB BOLT ON HORIZONTAL LOCATED ON THE EAST SIDE OF SOUTH WESTERN AVENUE, APPROXIMATELY 80 FEET SOUTHWEST OF THE SOUTHWEST CORNER OF THE ASHART CENTER BUILDING. ELEVATION = 1488.10
- BENCHMARK #2: CORNER PLUMB BOLT ON HORIZONTAL LOCATED AT THE WESTERN END OF THE MEDIAN IN THE PARKING LOT ON THE SOUTH SIDE OF THE AVENUE FROM SCHOOL BUILDING. ELEVATION = 1488.34
- BENCHMARK #3: CORNER PLUMB BOLT ON HORIZONTAL LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF WESTERN AVENUE AND 10TH AVENUE. ELEVATION = 1488.48
- BENCHMARK #4: CORNER PLUMB BOLT ON HORIZONTAL LOCATED ON THE NORTH SIDE OF THE AVENUE FROM SCHOOL BUILDING, APPROXIMATELY 20 FEET WEST OF THE WESTWEST CORNER OF THE ELEVATION = 1488.52
- BENCHMARK #5: CORNER PLUMB BOLT ON HORIZONTAL LOCATED AT THE WESTERN END OF THE PARKING LOT ON THE SOUTH SIDE OF A SPEED BUMP. ELEVATION = 1488.12
- BENCHMARK #6: BARY BOLT ON HORIZONTAL LOCATED ON THE SOUTH SIDE OF 10TH AVENUE, APPROXIMATELY 150 FEET FROM THE INTERSECTION OF 10TH AVENUE AND WESTERN AVENUE. ELEVATION = 1488.56

UTILITY DISCLAIMER:

THE LOCATION, SIZE, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SURVEY STAKE AND TOWN CORNER SIZES, BEARING, DIRECTION AND LOCATIONS BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON. IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE, AND THE RESPONSIBILITY FOR ANY ADDITIONAL UTILITIES NOT SHOWN HEREON IS HEREBY FORWARDED TO ANY LOCATION UPON THIS SET. ANY RESULTS IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN HEREON, IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM VISUAL SURVEYING BY OTHERS, AND/OR AS-BUILT PLANS, PROVIDED BY OTHERS. POINT OF BEGINNING MARKS NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BELIEVES THAT THE INFORMATION CONTAINED HEREON IS RELIABLE, AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

blue design group, llc
2027 West Main, PO Box 457, Horsham, PA 18944

Civil Engineering
Land Surveying
Landscape Architecture
FOB



New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

PROJECT #

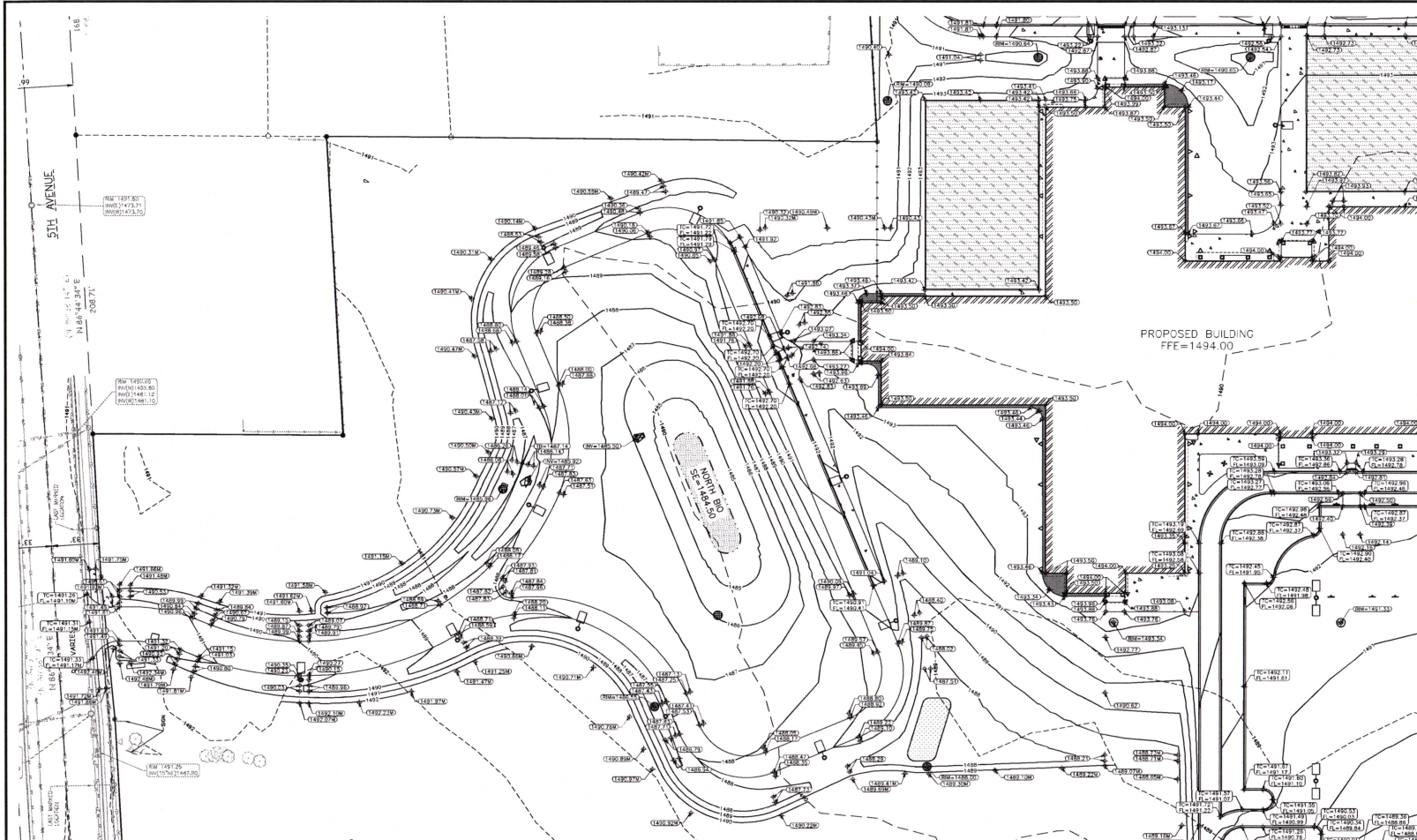
DATE: 04-30-2025

REVISION: DATE

DRAWING #

C2.0

NOT FOR CONSTRUCTION
OVERALL GRADING PLAN



BENCHMARK:

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

BENCHMARK #1
 CONCRETE SQUARE ON WOODPILE
 LOCATED ON THE EAST SIDE OF SOUTH WESTERN
 CORNER APPROXIMATELY 85 FEET SOUTHWEST OF
 THE SOUTHWEST CORNER OF THE ANGLIAN CENTER
 BUILDING.
 ELEVATION = 1485.10

BENCHMARK #2
 CONCRETE SQUARE ON NORTH SIDE OF LIGHT POLE
 BASE.
 LOCATED AT THE WESTERN END OF THE MEDIUM OF
 THE PARKING LOT ON THE NORTH SIDE OF THE
 SOUTHWEST CORNER OF THE ANGLIAN CENTER
 BUILDING.
 ELEVATION = 1485.54

BENCHMARK #3
 CONCRETE SQUARE ON NORTH SIDE OF LIGHT POLE
 BASE.
 LOCATED AT THE WESTERN END OF THE MEDIUM OF
 THE PARKING LOT ON THE NORTH SIDE OF THE
 SOUTHWEST CORNER OF THE ANGLIAN CENTER
 BUILDING.
 ELEVATION = 1485.48

UTILITY DISCLAIMER:

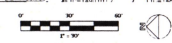
THE LOCATIONS, SIZES AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM RECORD DRAWINGS, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITY CROSSING OR CROSSINGS BETWEEN MANHOLES ARE SUPPLEMENTED BY FIELD MEASUREMENTS. THE LOCATIONS, SIZES AND TYPES OF UTILITIES SHOWN HEREON ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH AND TYPE OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCOVERY OF ADDITIONAL UNDETERMINED UTILITIES. UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MARKING, BY OTHERS, AND/OR AS-BUILT PLANS PROVIDED BY OTHERS. POINTS OF BEGINNING INDICATE NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN. THIS PLAN IS PREPARED AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

GENERAL NOTES:

1. CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
2. THE PROPOSED SITE PLAN FINISH FLOOR ELEVATION OF 1494.00 EQUALS THE PROPOSED BUILDING ARCHITECTURAL FINISH FLOOR ELEVATION OF 100.00' GRADE. LINE AND LEVEL SHALL BE REVIEWED BY THE FIELD BY THE CONSTRUCTION MANAGER.
3. INITIAL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
4. 6" OF TOPSOIL SHALL BE PROVIDED IN ALL GENERAL LAWN AREAS AND 12" SHALL BE PROVIDED IN ALL PLANTING BED AREAS.
5. ALL GENERAL LANDSCAPE AREAS SHALL BE SEED, FERTILIZED, AND CRIMP MAY MULCH IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. SEE SHEET C10 FOR ALL REQUIRED EROSION CONTROL ELEMENTS.
6. ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED, AND/OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
7. COORDINATE ALL EARTHWORK ACTIVITIES WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE, AND ELECTRICAL (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SPOUNCES).
8. PROVIDE RIP RAP AT ALL CHIMNEY OUTFLOW ENDWALL STRUCTURES TO PREVENT WASHOUT AND EROSION.
9. INSTALL ROOT-BLOCK TYPE RUBBER FABRIC BENEATH ALL RIP RAP.
10. EXCESS TOPSOIL SHALL BE REMOVED FROM SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER. COORDINATE WITH OWNER FOR LOCATION OF STOCKPILE IF THE OWNER CHOOSES TO SALVAGE EXCESS TOPSOIL FOR FUTURE USE. SITE FENCE SHALL BE PLACED AROUND STOCKPILE.
11. THE ENGINEERED SOIL SHALL NOT BE PLACED IN THE BIOTRETATION AREAS UNLESS THE SURROUNDING DRAINAGE AREA HAS BEEN FULLY STABILIZED. ALL CONSTRUCTION SITE SEDIMENT SHALL BE REMOVED FROM THE SUBGRADE OF THE BIOTRETATION AREAS PRIOR TO PLACEMENT OF THE ENGINEERED SOIL.
12. ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 152.21.
13. THE LOCAL MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY.
14. THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCEMENT THAT SHOWS THE LOCATION OF ALL EXISTING WATER VALVES IF NEEDED.
15. THE LOCAL MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES IF NEEDED.
16. GRADES AT BUILDING EDGE SHALL BE 6" BELOW FINISHED FLOOR ELEVATION EXCEPT AT DOOR WAY ENTRANCES OR UNLESS OTHERWISE NOTED.

GRADING LEGEND:

EXISTING CONTOUR	---	712
PROPOSED CONTOUR	---	712
PROPOSED SPOT ELEVATION	○	677.20
PROPOSED ENDWALL INVERT ELEVATION	▽	677.20
PROPOSED RIM ELEVATION	△	677.20
PROPOSED TOP OF CURB ELEVATION	□	677.20
PROPOSED FLOW LINE ELEVATION	◇	677.20
PROPOSED TOP OF WALL ELEVATION	◇	677.20
PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY)	◇	677.20
PROPOSED ENDWALL STRUCTURE	▣	25.1
PROPOSED ENDWALL STRUCTURE WITH RIP RAP	▣	25.1
PROPOSED STORM SEWER MANHOLE	⊙	25.1
PROPOSED STORM SEWER CLEANOUT	⊙	25.1
PROPOSED STORM SEWER INLET	⊙	25.1
PROPOSED STORM SEWER CURB INLET	⊙	25.1
PROPOSED SANITARY SEWER CLEANOUT	⊙	25.1
PROPOSED DOWNSPOUT CONNECTION	⊙	25.1
PROPOSED BIOTRETATION BASIN	⊙	25.1
PROPOSED INFILTRATION BASIN	⊙	25.1



NOT FOR CONSTRUCTION
 NORTH GRADING PLAN

blute design group, llc
 709 West Main, 3rd Fl., 427 Horneville, WI 53124

OB
 Civil Engineering
 Land Surveying
 Landscape Architecture



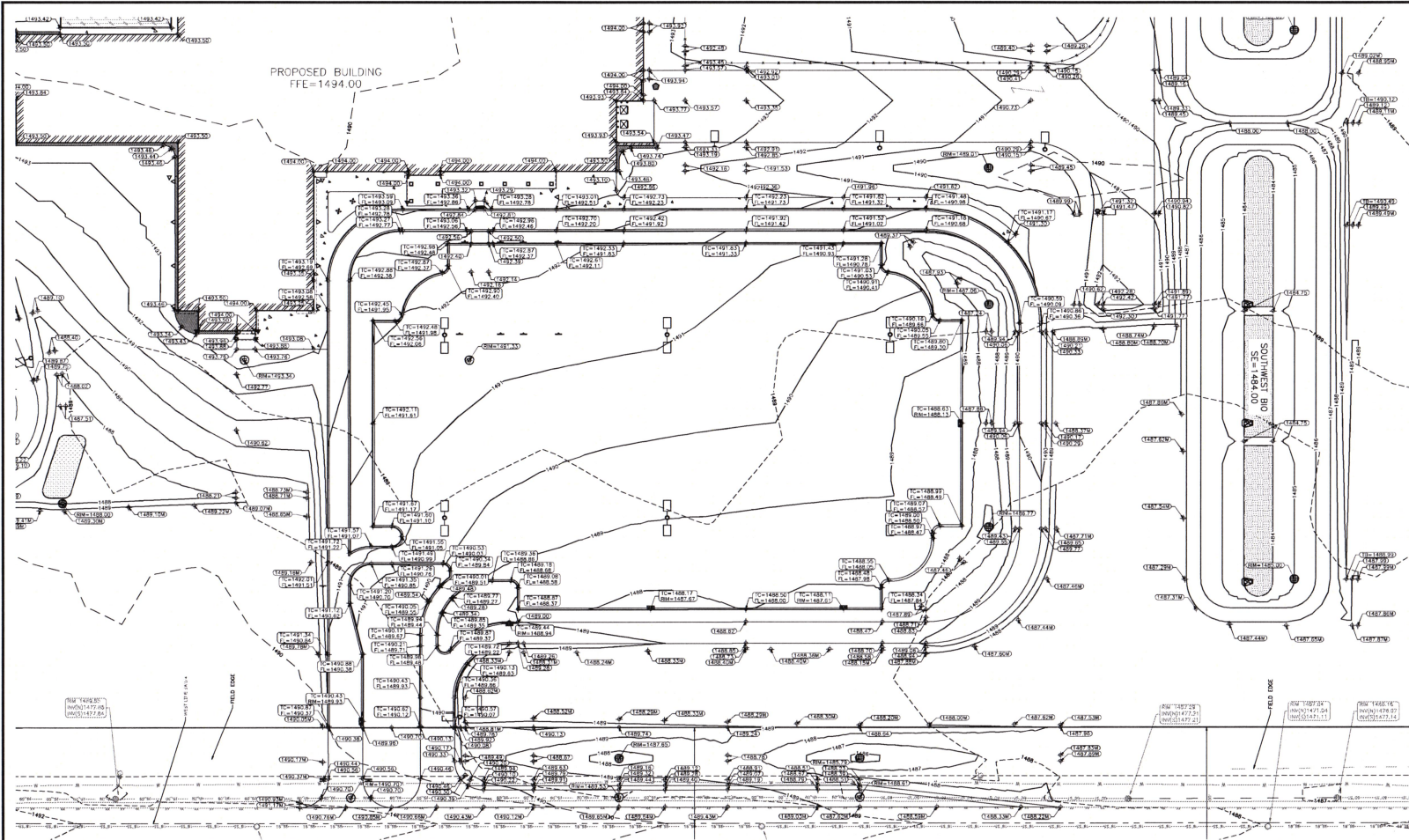
New 6 Section 4K-4 Elementary School for:
 Unified School District of Antigo

PROJECT #
 DATE 04-30-2025

REVISION DATE

DRAWING #
 C2.1

Attachment: 24.0131 Antigo New Elementary School (7488) - Review and Approve Site Plan for the Unified



BENCHMARK:

ELEVATIONS ARE REFERENCED TO WIND AS datum.

BENCHMARK #1
NORTHWEST FLANG BOLT ON WISBANT,
LOCATED ON THE EAST SIDE OF SOUTH WESTERN
AVENUE, APPROXIMATELY 30 FEET WESTWENT OF
THE SOUTHWEST CORNER OF THE ADJACENT CENTER
BUILDING.
ELEVATION = 1488.10

BENCHMARK #2
ORANGE SQUARE ON NORTH SIDE OF LIGHT POLE
BASE,
LOCATED AT THE WESTERN END OF THE MEDIAN IN
THE PARKING LOT ON THE SOUTH SIDE OF THE
ANTIGO HIGH SCHOOL BUILDING.
ELEVATION = 1488.54

BENCHMARK #3
EASTWEST FLANG BOLT ON WISBANT,
LOCATED AT THE SOUTHWEST CORNER OF THE
INTERSECTION OF WESTERN AVENUE AND 10TH
AVENUE.
ELEVATION = 1488.48

GENERAL NOTES:

- CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
- THE PROPOSED SITE PLAN FINISH FLOOR ELEVATION OF 1494.00 EQUALS THE PROPOSED FINISH ARCHITECTURAL FINISH FLOOR ELEVATION OF 120.00'.
- GRADE, LINE, AND LEVEL SHALL BE REVIEWED IN THE FIELD BY THE CONTRACTOR.
- INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL MUNICIPAL AND DEPARTMENT OF NATURAL RESOURCES REGULATIONS.
- 6" OF TURF SOIL SHALL BE PROVIDED IN ALL GENERAL LAWN AREAS AND 12" SHALL BE PROVIDED IN ALL PLANTING BED AREAS.
- ALL CONCRETE LANDSCAPE AREAS SHALL BE SEEDING, FERTILIZED, AND CRIMP HAS MULCHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- SEE SHEET C-10 FOR EROSION CONTROL ELEMENTS.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED, AND/OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
- COORDINATE ALL EARTHWORK ACTIVITIES WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE AND ELECTRICAL (INCLUDING MAN SERVICE, SITE LIGHTING, CONDUITS AND SIGNALS).
- PROVIDE RIB RAMP AT ALL CULVERT OUTFLOW ENDWALL STRUCTURES TO PREVENT WASHOUT AND PROVIDE WASHOUT BEYOND ALL RIB RAMP.
- INSTALL WOODOT TYPE #8 FILTER FABRIC BENEATH ALL RIB RAMP.
- EXCESS TOPSOIL SHALL BE REMOVED FROM SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER, COORDINATE WITH OWNER FOR LOCATION OF STOCKPILE IF THE OWNER CHOOSES TO SALVAGE EXCESS TOPSOIL FOR FUTURE USE. Silt FENCE SHALL BE PLACED AROUND STOCKPILE.
- THE ENGINEERED SOIL SHALL NOT BE PLACED IN THE BIORETENTION AREAS UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FULLY STABILIZED. ALL CONSTRUCTION SITE EROSION SHALL BE REMOVED FROM THE SURFACE OF THE BIORETENTION AREA PRIOR TO PLACEMENT OF THE ENGINEERED SOIL.
- ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 382.21.
- THE LOCAL MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING.
- THE LOCAL MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES IF NEEDED.
- GRAVEL AT BUILDING EXPOSE SHALL BE 6" BELOW FINISHED FLOOR ELEVATION EXCEPT AT DOOR WAY ENTRANCES OR UNLESS OTHERWISE NOTED.

GRADING LEGEND:

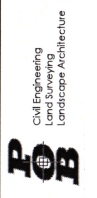
EXISTING CONTOUR	---	712
PROPOSED CONTOUR	---	712
PROPOSED SPOT ELEVATION	+	677.20
PROPOSED ENDMALL INVERT ELEVATION	+	679.20
PROPOSED RIM ELEVATION	+	683.20
PROPOSED TOP OF CURB ELEVATION	+	683.20
PROPOSED FLOW LINE ELEVATION	+	683.20
PROPOSED TOP OF WALL ELEVATION	+	682.00
PROPOSED MATCH ELEVATION (CONTRACTOR TO VERIFY)	+	682.00
PROPOSED ENDMALL STRUCTURE WITH RIB RAMP	⬇	10
PROPOSED STORM SEWER MANHOLE	⊙	10
PROPOSED STORM SEWER CLEANOUT	⊙	10
PROPOSED STORM SEWER INLET	⊙	10
PROPOSED STORM SEWER CURB INLET	⊙	11
PROPOSED SANITARY SEWER CLEANOUT	⊙	10.2
PROPOSED DOWNSPOUT CONNECTION	⊙	10.2
PROPOSED BIORETENTION BASIN	⊙	10.2
PROPOSED INFILTRATION BASIN	⊙	10.2

UTILITY DISCLAIMER:

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON. IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT INDICATED OR UNDETECTED DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES AND SUBSTRUCTURES. THE USER, BY USING THESE, AND/OR AS-BUILT PLANS, PROMISED BY OTHERS, PRIOR TO CONSTRUCTION, UNDERSTANDS AND AGREES TO THE INFORMATION SHOWN HEREON, AND RELEASES THE INFORMATION CONTAINED HEREIN FROM LIABILITY AND GENERALY ACCURATE FOR THE PURPOSE INTENDED.



NOT FOR CONSTRUCTION
WEST GRADING PLAN

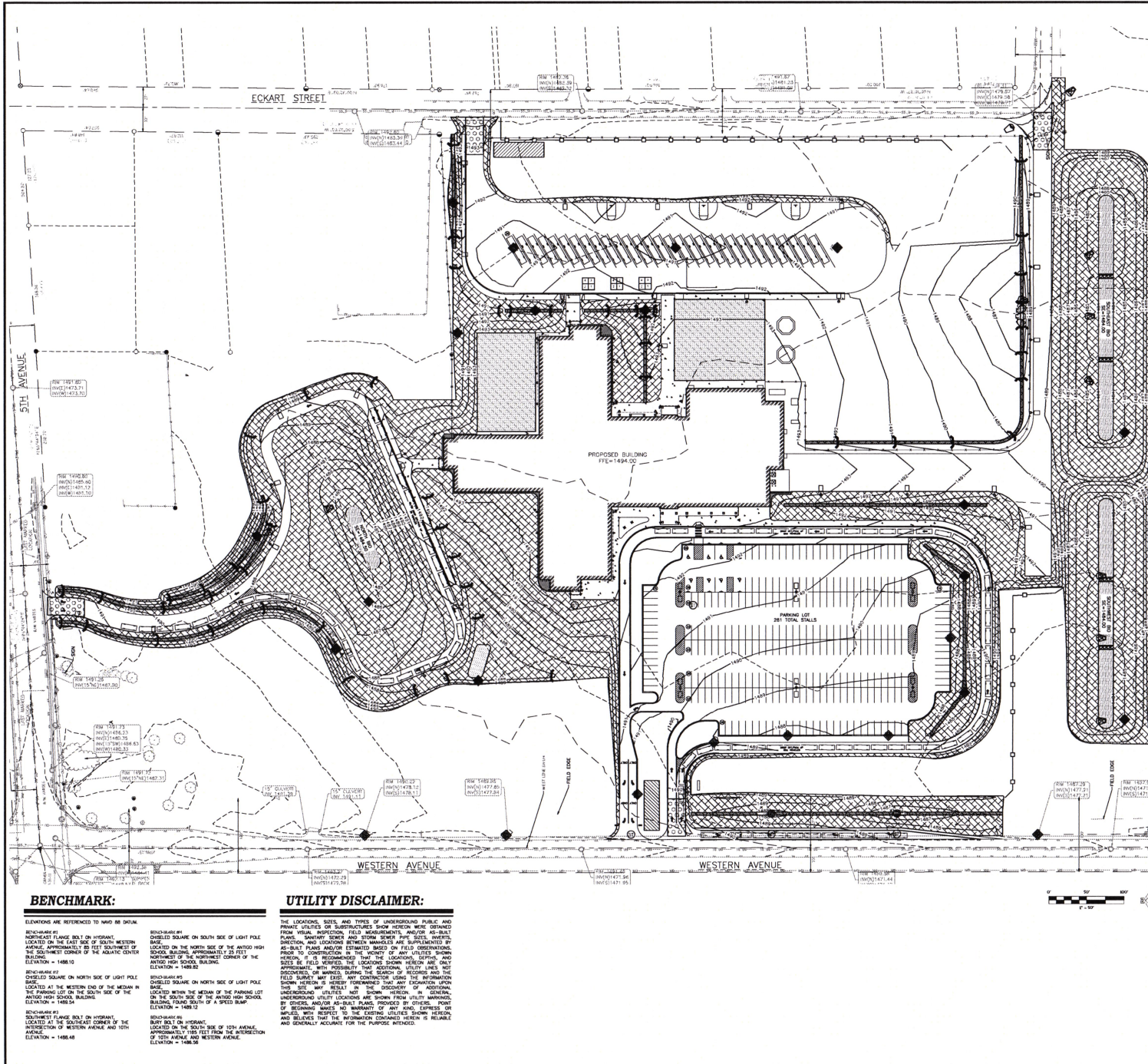


New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

PROJECT #
DATE 04-30-2025
REVISION DATE

DRAWING #
C2.3

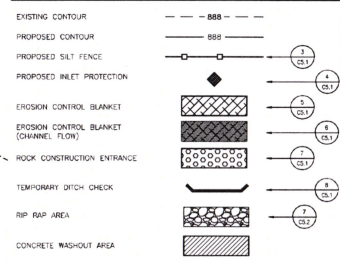
Attachment: 24.0131 Antigo New Elementary School (7488) : Review and Approve Site Plan for the Unified



GENERAL NOTES:

1. CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
2. NOTIFY THE LOCAL MUNICIPALITY AT LEAST 2 WORKING DAYS PRIOR TO THE START OF SOIL DISTURBING ACTIVITIES.
3. INSTALL ALL TEMPORARY EROSION CONTROL ELEMENTS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
4. ALL ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE TO MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ANY ONE TIME. MAINTAIN EXISTING VEGETATION AS LONG AS POSSIBLE.
5. CRUSHED ROCK DRIVES FOR SEDIMENT TRACKING UTILIZING 3" CRUSHED ROCK SHALL BE MAINTAINED AT ALL CONSTRUCTION ENTRANCES TO THE SITE. THE ROCK DRIVE SHALL BE A MINIMUM OF 12" THICK AND BE A MINIMUM OF 50 FEET IN LENGTH BY THE END OF THE NEXT WORK DAY. ALL OFF SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES INCLUDING SOIL TRACKED BY CONSTRUCTION TRAFFIC SHALL BE MAINTAINED BY THE END OF EACH WORK DAY. EXCESSIVE AMOUNTS OF SEDIMENT OR OTHER DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED BY THE USE OF MICHIGAN OR MANUAL STREET CLEANING OPERATIONS ONCE A WEEK AT A MINIMUM AND BEFORE IMMINENT RAIN EVENTS.
6. OFF SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES INCLUDING SOIL TRACKED BY CONSTRUCTION TRAFFIC SHALL BE MAINTAINED BY THE END OF EACH WORK DAY. EXCESSIVE AMOUNTS OF SEDIMENT OR OTHER DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED BY THE USE OF MICHIGAN OR MANUAL STREET CLEANING OPERATIONS ONCE A WEEK AT A MINIMUM AND BEFORE IMMINENT RAIN EVENTS.
7. DISTURBED SOIL SURFACE OF THE EXISTING CONSTRUCTION AREAS INCLUDING SOIL STOCKPILES, THAT ARE LEFT ACTIVE FOR MORE THAN 7 DAYS SHALL BE TEMPORARILY STABILIZED BY SEEDING/MULCHING OR OTHER APPROVED METHODS.
8. WASTE MATERIAL THAT IS GENERATED ON THE CONSTRUCTION SITE SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO RUN INTO RECEIVING WATERS.
9. SPECIAL CONTROL MEASURES DESIRED FOR A SPECIFIC CONSTRUCTION ACTIVITIES SHALL BE REQUIRED BY THE END OF EACH WORK DAY.
10. INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER ANY RAINFALL OF 0.5" OR MORE. MAKE NECESSARY REPAIRS AND DOCUMENT ALL ACTIVITIES AS PER THE REQUIREMENTS OF THE NOTICE OF INTENT SUBMITTED BY THE PROJECT CIVIL ENGINEER.
11. ALL TEMPORARY EROSION CONTROL ELEMENTS SHALL REMAIN IN PLACE UNTIL A SUFFICIENT GROWTH OF VEGETATION IS ESTABLISHED AND THEN BE REMOVED AS PART OF THE BASE BID.
12. IF SEDIMENT LAUNCH WATER NEEDS TO BE REMOVED FROM THE SITE, FILTER BAGS OR SCREENING SHALL BE USED IN ACCORDANCE WITH W L O W TECHNICAL STANDARDS LIST TO PREVENT SEDIMENT DISCHARGE TO THE MAXIMUM EXTENT PRACTICABLE.
13. COORDINATE ALL EARTHWORK ACTIVITIES WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE AND ELECTRICAL, INCLUDING MAIN SERVICES, SITE LIGHTING, CONCRETE AND SONOTUBE.
14. PROVIDE RIP RAP AT ALL CULVERT OUTFLOW ENDWALL STRUCTURES TO PREVENT EROSION AND PROTRUSION.
15. INSTALL WOOD TYPED HR FILTER FABRIC BENEATH ALL RIP RAP.
16. IF BARE SOIL IS EXPOSED DURING THE WINTER MONTHS, STABILIZATION BY MULCHING OR ANONIC POLYACRYLAMIDE SHALL OCCUR PRIOR TO SNOWMELT OR GROUND FREEZE.
17. SILT FENCE SHALL BE INSTALLED AROUND THE TOPSOIL STOCKPILE.
18. SILT FENCE SHALL BE INSTALLED AROUND THE BIO-RETENTION AREA IMMEDIATELY FOLLOWING INSTALLATION OF THE ENGINEERED SOIL TO PROTECT IT FROM SOIL CONTAMINATION.
19. THE ENGINEERED SOIL SHALL NOT BE PLACED IN THE BIO-RETENTION AREAS UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FULLY STABILIZED. ALL CONSTRUCTION SITE SEDIMENT SHALL BE REMOVED FROM THE SUBSURFACE OF THE BIO-RETENTION AREA PRIOR TO PLACEMENT OF THE ENGINEERED SOIL.
20. THE CONTRACTOR SHALL PERFORM INSPECTIONS AND MONITORING OF EROSION CONTROL PRACTICES IN ACCORDANCE WITH THE W L O W CONSTRUCTION SITE INSPECTION REPORT FORM 3400-187. THIS FORM CAN BE FOUND IN THE CONSTRUCTION SPECIFICATIONS.

EROSION CONTROL LEGEND:



EROSION CONTROL SEQUENCING:

1. INSTALL PERIMETER EROSION CONTROL.
2. BEGIN DEMOLITION.
3. BEGIN ROUGH GRADING AND UTILITY INSTALLATION.
4. DURING GRADING ACTIVITIES EXISTING GRASS AND VEGETATION, TO BE REMOVED, SHALL REMAIN IN PLACE FOR AS LONG AS POSSIBLE, TO AVOID SEDIMENT TRANSPORT.
5. TEMPORARY STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING CONSTRUCTION SHALL BE TEMPORARILY CEASED AND NOT BE RESTARTED FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
6. FINAL STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING ACTIVITIES CEASE AND FINAL GRADE HAS BEEN REACHED ON ANY PORTION OF THE SITE.
7. PER GENERAL NOTE #19, THE SEDIMENT TRAP SHALL BE RECONSTRUCTED INTO THE PROPOSED BIO-RETENTION AREA AFTER THE SURROUNDING AREAS HAS BEEN FULLY STABILIZED.
- 7.1. BEGIN PERIMETER SITE SEDIMENT BUILD UP SHALL BE REMOVED FROM THE PROPOSED BIO-RETENTION BASIN BEFORE EXCAVATION TO THE FINAL PROPOSED GRADE SHALL BE APPLIED TO ALL DISTURBED AREAS PRIOR TO GROUND FREEZE. SEE SPECIFICATIONS FOR DETAILS.

BENCHMARK:

ELEVATIONS ARE REFERENCED TO NAVD 83 DATUM.

BENCHMARK #1
CORNER PLANE BOLT ON HYDRANT, LOCATED ON THE EAST SIDE OF SOUTH WESTERN AVENUE, APPROXIMATELY 85 FEET SOUTHWEST OF THE SOUTHWEST CORNER OF THE AQUATIC CENTER BUILDING. ELEVATION = 1488.10

BENCHMARK #2
CRUSHED SQUARE ON NORTH SIDE OF LIGHT POLE BASE, LOCATED AT THE WESTERN END OF THE MEDIAN IN THE PARKING LOT ON THE SOUTH SIDE OF THE INTERSECTION OF WESTERN AVENUE AND 10TH AVENUE. ELEVATION = 1488.34

BENCHMARK #3
CORNER PLANE BOLT ON HYDRANT, LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF WESTERN AVENUE AND 10TH AVENUE. ELEVATION = 1488.48

UTILITY DISCLAIMER:

THE LOCATIONS, SIZES, AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SHOWN WITHIN THE BOUNDARIES OF THE PROJECT. THE DIRECTION AND LOCATION BETWEEN MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON. IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES OF ALL UTILITIES SHOWN HEREON ARE ONLY APPROXIMATE, WITH POSSIBILITY THAT ADDITIONAL UTILITIES LINES NOT DISCOVERED, OR MARKED DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS PLAN MAY RESULT IN THE DISCOVERY OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN HEREON. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITIES PROVIDED BY OTHERS, AND/OR AS-BUILT PLANS PROVIDED BY OTHERS. POINT OF BEGINNING MARKS NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON, AND BEING THAT THE INFORMATION CONTAINED HEREON IS BELIEVED, AND GENERALLY ACCURATE FOR THE PURPOSE INTENDED.

blue design group, llc
200 West Main, 5th Floor, 48751, Ann Arbor, MI 48104

Civil Engineering
Land Surveying
Landscape Architecture



New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

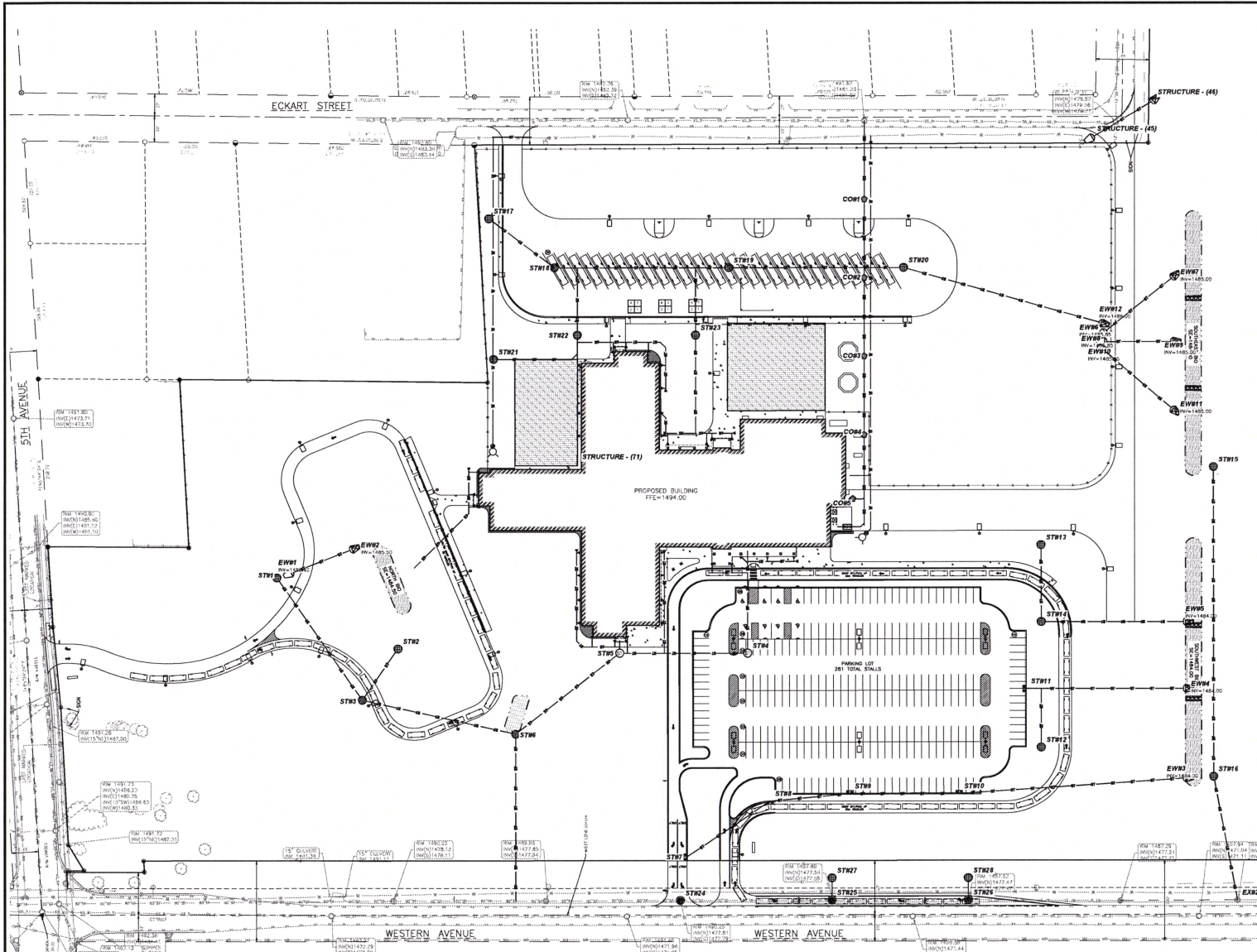
PROJECT #
DATE 04-30-2025

REVISION	DATE

DRAWING #
C3.0

NOT FOR CONSTRUCTION
EROSION CONTROL PLAN

Attachment: 24.0131 Antigo New Elementary School (7488 : Review and Approve Site Plan for the Unified



- GENERAL NOTES:**
1. CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO COMMENCEMENT OF WORK.
 2. GRADE, ELEV. AND LEVEL SHALL BE REVERSED IN THE FIELD BY THE CONSTRUCTION MANAGER.
 3. ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND/OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
 4. REFER TO THE PROPOSED BUILDING MECHANICAL/PLUMBING PLANS TO VERIFY EXACT CONNECTION LOCATIONS AND SIZES OF PROPOSED SANITARY SEWER AND WATER LATERALS.
 5. COORDINATE ALL UTILITY WORK WITH THE RESPECTIVE TRADES RESPONSIBLE FOR THE INSTALLATION OF GAS, CABLE, TELEPHONE AND ELECTRICAL (INCLUDING MANY SERVICE, SITE LIGHTING, CONDUITS AND STORAGE).
 6. COORDINATE UTILITY SERVICES, DISCONNECTIONS/OUTAGES WITH OWNER AND ANY IMPACTED NEIGHBORS. MINIMIZE DISRUPTIONS TO THE MAXIMUM EXTENT PRACTICAL.
 7. COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT OF WAY WITH THE LOCAL MUNICIPALITY.
 8. ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 302.21.
 9. THE PROPOSED WATER MAIN SHALL HAVE A MINIMUM COVER OF 7'-6" TO THE TOP OF PIPE FROM PROPOSED FINISHED GRADE. SEE SHEETS: CLO-C2.3 FOR PROPOSED FINISHED GRADES.
 10. THE MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT OF WAY AND PRIOR TO CONNECTING SANITARY SEWER AND WATER LATERALS TO THE PUBLIC MAIN.
 11. THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING.
 12. THE MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES, IF NEEDED.
 13. FIELD VERIFY INVERT ELEVATION OF THE SANITARY SEWER AND WATER PUBLIC MAIN, AT THE LOCATION OF THE SERVICE LATERAL CONNECTIONS, PRIOR TO CONNECTING THE LATERALS TO THE PUBLIC MAIN.
 14. PROVIDE RIP RAP AT ALL STORM ENDWALLS TO PREVENT WASHOUT AND EROSION.
 15. INSTALL WOOD TYPE HR FILTER FABRIC BENEATH PROPOSED RIP RAP.

UTILITY LEGEND:

PROPOSED STORM SEWER	ST
PROPOSED SANITARY SEWER	SS
PROPOSED WATER MAIN	WM
PROPOSED ENDWALL STRUCTURE WITH RIP RAP	STRUC
PROPOSED ENDWALL STRUCTURE WITHOUT RIP RAP	STRUC
PROPOSED STORM SEWER MANHOLE	STR
PROPOSED STORM SEWER INLET	STRM
PROPOSED STORM SEWER CURB INLET	STRW
PROPOSED STORM SEWER CLEANOUT	STRV
PROPOSED SANITARY SEWER CLEANOUT	STRC
PROPOSED WATER VALVE	STRD
PROPOSED HYDRANT ASSEMBLY	STRF
PROPOSED DOWNSPOUT CONNECTION	STRG
PROPOSED BIORETENTION BASIN	STRH
PROPOSED INFILTRATION BASIN	STRI

BENCHMARK:

ELEVATIONS ARE REFERENCED TO NAVD 83 DATUM.

BENCHMARK #1
NORTH-EAST FLANGE BOLT ON HORIZONTAL LOCATED ON THE EAST SIDE OF SOUTH WESTERN AVENUE, APPROXIMATELY 18 FEET SOUTHWEST OF THE SOUTHWEST CORNER OF THE AQUATIC CENTER BUILDING.
ELEVATION = 1488.10

BENCHMARK #2
CORNER SQUARE ON NORTH SIDE OF LIGHT POLE BASE, LOCATED AT THE WESTERN END OF THE MEDIAN IN THE PARKING LOT ON THE SOUTH SIDE OF THE ANTIOCH HIGH SCHOOL BUILDING.
ELEVATION = 1488.34

BENCHMARK #3
SOUTHWEST FLANGE BOLT ON HORIZONTAL LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF 10TH AVENUE AND WESTERN AVENUE.
ELEVATION = 1488.48

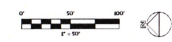
BENCHMARK #4
CORNER SQUARE ON SOUTH SIDE OF LIGHT POLE BASE, LOCATED ON THE NORTH SIDE OF THE ANTIOCH HIGH SCHOOL BUILDING, APPROXIMATELY 20 FEET NORTHWEST OF THE SOUTHWEST CORNER OF THE ANTIOCH HIGH SCHOOL BUILDING.
ELEVATION = 1488.22

BENCHMARK #5
CORNER SQUARE ON NORTH SIDE OF LIGHT POLE BASE, LOCATED WITHIN THE MEDIAN OF THE PARKING LOT ON THE SOUTH SIDE OF THE ANTIOCH HIGH SCHOOL BUILDING, TRAP SOUTH OF A SPIED TRUMP.
ELEVATION = 1488.12

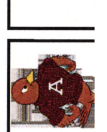
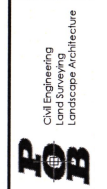
BENCHMARK #6
BURN BOLL ON HORIZONTAL LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF 10TH AVENUE AND WESTERN AVENUE.
ELEVATION = 1488.56

UTILITY DISCLAIMER:

THE LOCATIONS, SIZES AND TYPES OF UNDERGROUND PUBLIC AND PRIVATE UTILITIES OR SUBSTRUCTURES SHOWN HEREON WERE OBTAINED FROM VISUAL INSPECTION, FIELD MEASUREMENTS, AND/OR AS-BUILT PLANS. SANITARY SEWER AND STORM SEWER PIPE SIZES, MATERIALS, DIRECTIONS AND LOCATIONS BEHIND MANHOLES ARE SUPPLEMENTED BY AS-BUILT PLANS AND/OR ESTIMATED BASED ON FIELD OBSERVATIONS. PRIOR TO CONSTRUCTION IN THE VICINITY OF ANY UTILITIES SHOWN HEREON, IT IS RECOMMENDED THAT THE LOCATIONS, DEPTHS, AND SIZES BE FIELD VERIFIED. THE LOCATIONS SHOWN HEREON ARE ONLY APPROXIMATE, WITH THE POSSIBILITY THAT ADDITIONAL UTILITY LINES NOT DISCOVERED OR MARKED DURING THE SEARCH OF RECORDS AND THE FIELD SURVEY MAY EXIST. ANY CONTRACTOR USING THE INFORMATION SHOWN HEREON IS HEREBY FOREWARNED THAT ANY EXCAVATION UPON THIS SITE MAY REVEAL THE PRESENCE OF ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN HEREON. IN GENERAL, UNDERGROUND UTILITY LOCATIONS ARE SHOWN FROM UTILITY MANHOLES, UNLESS OTHERWISE INDICATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE EXISTING UTILITIES SHOWN HEREON AND BELIEVES THAT THE INFORMATION CONTAINED HEREON IS RELIABLE AND ACCURATE FOR THE PURPOSES INTENDED.



NOT FOR CONSTRUCTION
OVERALL UTILITY PLAN



New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

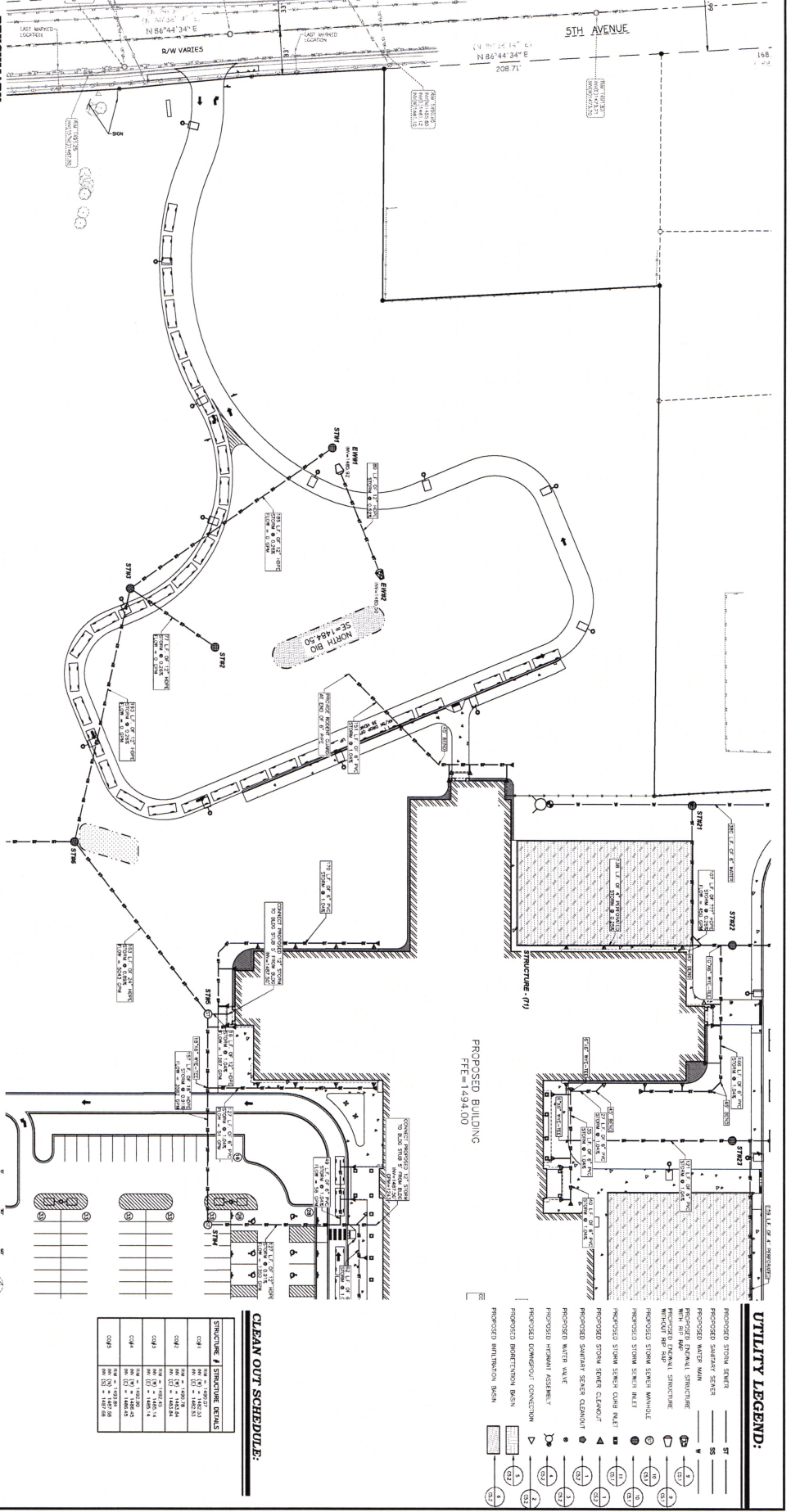
PROJECT #

DATE 04-30-2025

REVISION DATE

DRAWING # C4.0

Attachment: 24-0131 Antigo New Elementary School (7488 : Review and Approve Site Plan for the Unified



BENCHMARK:

INDICATED ON THIS PLAN. BENCHMARK DATA IS FOR INFORMATION ONLY. THE USER SHALL VERIFY THE LOCATION AND ELEVATION OF ALL BENCHMARKS. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL BENCHMARK DATA. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL BENCHMARK DATA. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL BENCHMARK DATA.

UTILITY DISCLAIMER:

THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL UTILITY DATA. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL UTILITY DATA. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL UTILITY DATA. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL UTILITY DATA.

STORM MANHOLE SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS		
5F1	12" DI. REPAIR MANHOLE CONCRETE ELEVATION = 1484.5	5F2	12" DI. REPAIR MANHOLE CONCRETE ELEVATION = 1484.5	5F3	12" DI. REPAIR MANHOLE CONCRETE ELEVATION = 1484.5	5F4	12" DI. REPAIR MANHOLE CONCRETE ELEVATION = 1484.5	5F5	12" DI. REPAIR MANHOLE CONCRETE ELEVATION = 1484.5	5F6	12" DI. REPAIR MANHOLE CONCRETE ELEVATION = 1484.5	5F7	12" DI. REPAIR MANHOLE CONCRETE ELEVATION = 1484.5

GENERAL NOTES:

1. CONSTRUCTION SHALL LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO CONSTRUCTION.
2. CONSTRUCTION SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL UTILITY DATA.
3. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL UTILITY DATA.
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14. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL UTILITY DATA.
15. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL UTILITY DATA.

NOT FOR CONSTRUCTION
NORTH UTILITY PLAN

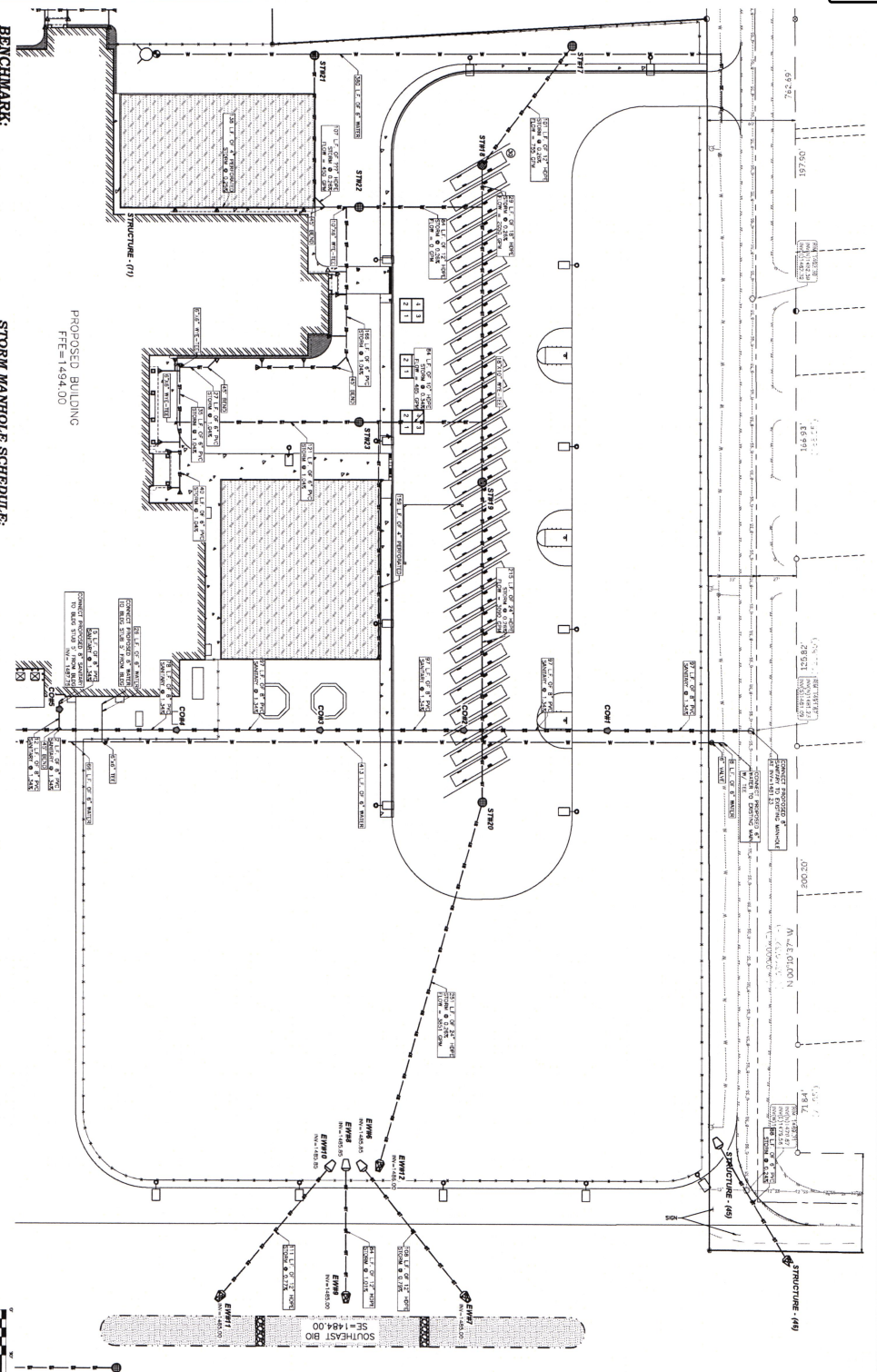
blue design group, inc.
202 West Main, 2nd Floor, Antigo, WI 54409
Phone & Fax: (715) 625-1111

POB Point of Beginning
Civil Engineering
Land Surveying
Landscape Architecture



New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

DATE: 04-30-2025
PROJECT #:
DRAWING #:
C4.1



BENCHMARK:

STRUCTURE #1
 ELEVATION = 1494.00
 POINT OF BENCHMARK

PROPOSED BUILDING
 FFE=1494.00

STORM MANHOLE SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS	STRUCTURE #	STRUCTURE DETAILS		
SM1	12" RIBBED STAIN STEEL MANHOLE CONCRETE BASE ELEVATION = 1494.00	SM2	12" RIBBED STAIN STEEL MANHOLE CONCRETE BASE ELEVATION = 1494.00	SM3	12" RIBBED STAIN STEEL MANHOLE CONCRETE BASE ELEVATION = 1494.00	SM4	12" RIBBED STAIN STEEL MANHOLE CONCRETE BASE ELEVATION = 1494.00	SM5	12" RIBBED STAIN STEEL MANHOLE CONCRETE BASE ELEVATION = 1494.00	SM6	12" RIBBED STAIN STEEL MANHOLE CONCRETE BASE ELEVATION = 1494.00

CLEAN OUT SCHEDULE:

STRUCTURE #	STRUCTURE DETAILS
CO1	12" RIBBED STAIN STEEL CLEAN OUT CONCRETE BASE ELEVATION = 1494.00
CO2	12" RIBBED STAIN STEEL CLEAN OUT CONCRETE BASE ELEVATION = 1494.00
CO3	12" RIBBED STAIN STEEL CLEAN OUT CONCRETE BASE ELEVATION = 1494.00
CO4	12" RIBBED STAIN STEEL CLEAN OUT CONCRETE BASE ELEVATION = 1494.00
CO5	12" RIBBED STAIN STEEL CLEAN OUT CONCRETE BASE ELEVATION = 1494.00

- UTILITY LEGEND:**
- PROPOSED STORM SEWER
 - PROPOSED SANITARY SEWER
 - PROPOSED WATER MAIN
 - PROPOSED DRAINAGE STRUCTURE
 - PROPOSED DRAINAGE STRUCTURE
 - PROPOSED STORM SEWER MANHOLE
 - PROPOSED STORM SEWER CLEANOUT
 - PROPOSED STORM SEWER CLEANOUT
 - PROPOSED WATER MAIN
 - PROPOSED FIREMAN ASSEMBLY
 - PROPOSED CONDUIT CONNECTION
 - PROPOSED DISTRIBUTION BOX
 - PROPOSED DISTRIBUTION BOX

- GENERAL NOTES:**
- CONSTRUCTION SHALL LOCATE ALL MANHOLE AND INSURE PLACES PRIOR TO CONSTRUCTION.
 - CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL CODES AND ORDINANCES.
 - CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL CODES AND ORDINANCES.
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 - CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL CODES AND ORDINANCES.

NOT FOR CONSTRUCTION

EAST UTILITY PLAN

Project #
 04-30-2025

DATE
 04-30-2025

REVISION
 DATE

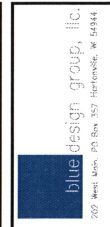
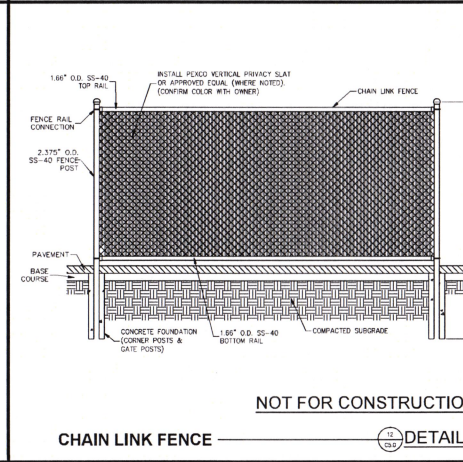
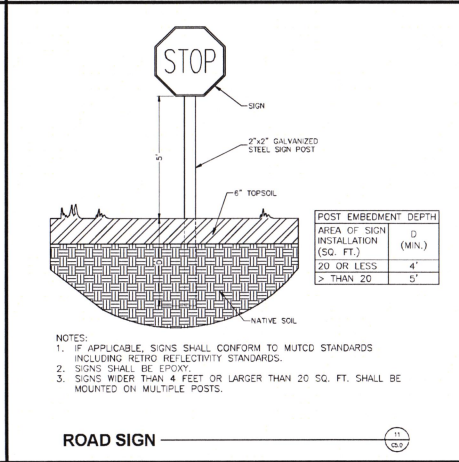
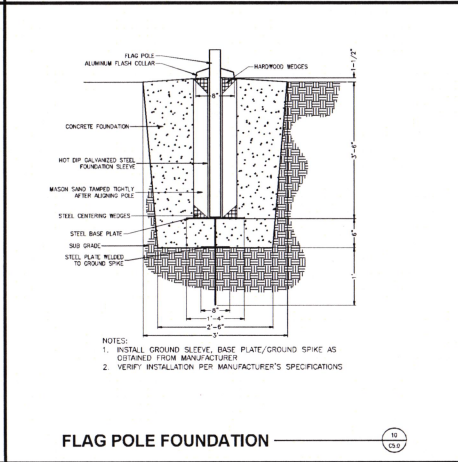
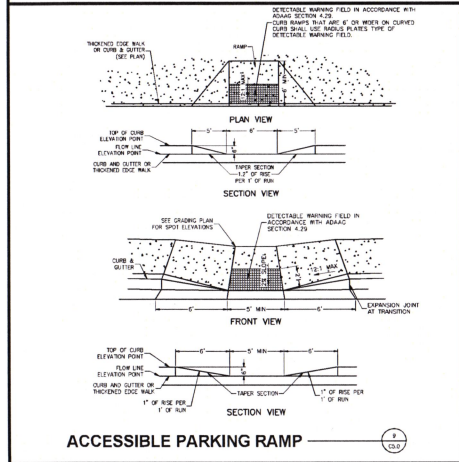
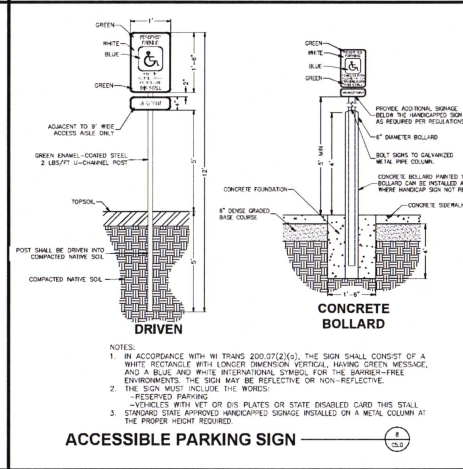
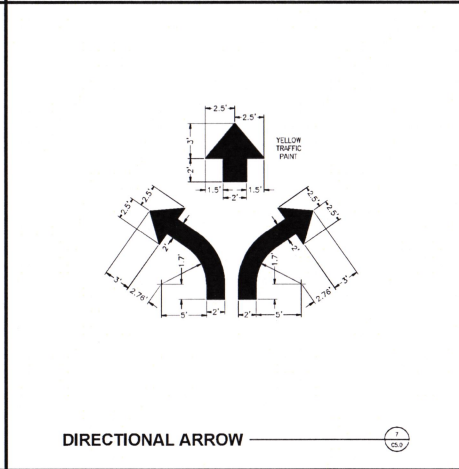
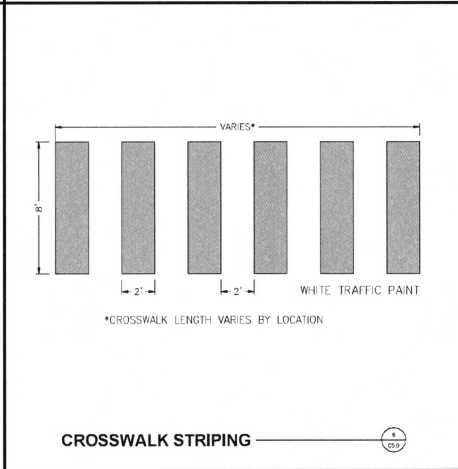
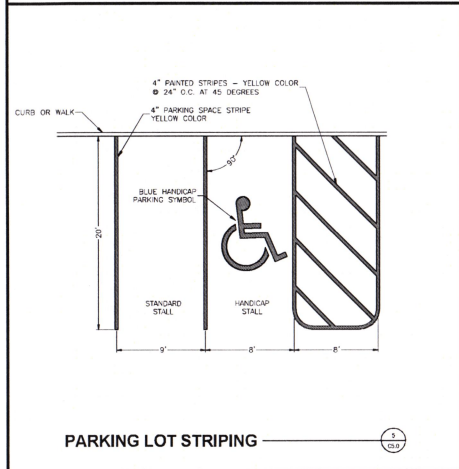
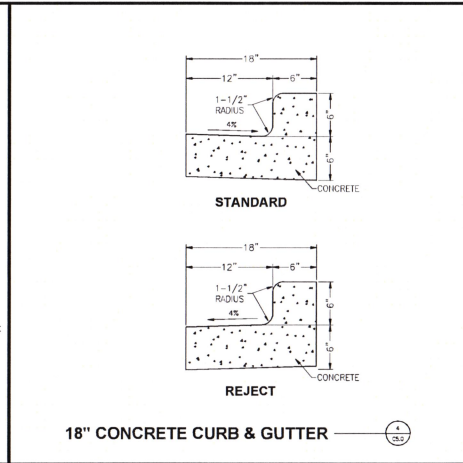
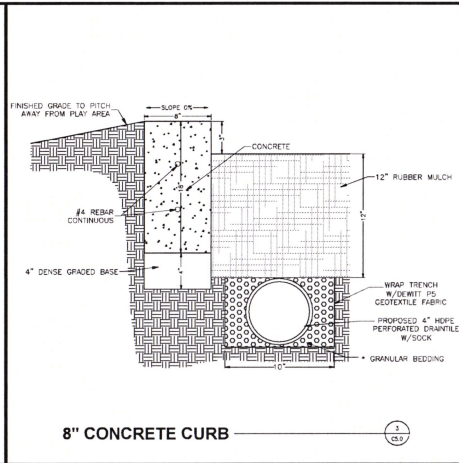
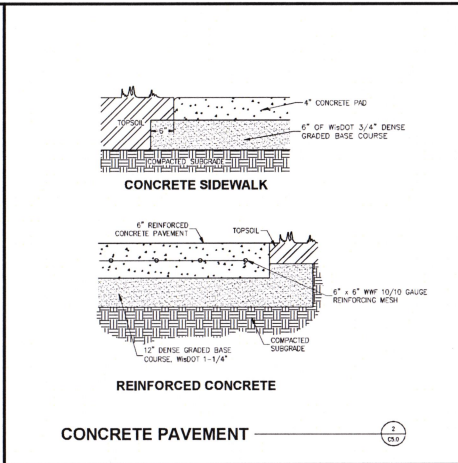
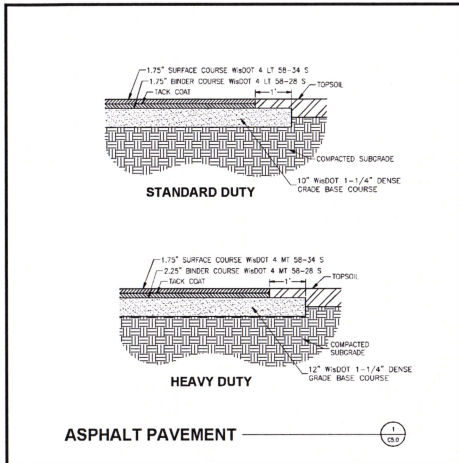
DRAWING #
 C4.2

New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

POB
 Point of Beginning
 Civil Engineering
 Land Surveying
 Landscape Architecture

blue design group, llc.
 202 West Main Street, Antigo, WI 53009
 Phone & Fax: (920) 853-1111

Packet Pg. 44



New 6 Section 4K-4 Elementary School for:
Unified School District of Antigo

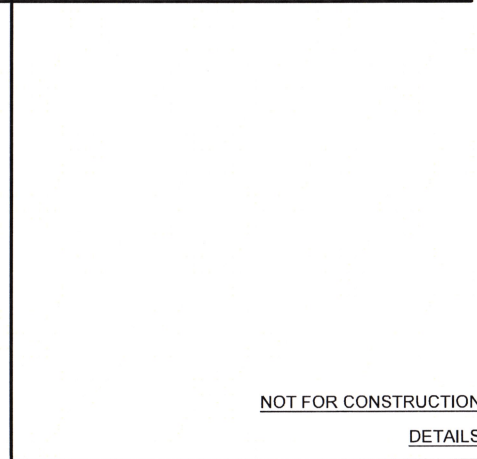
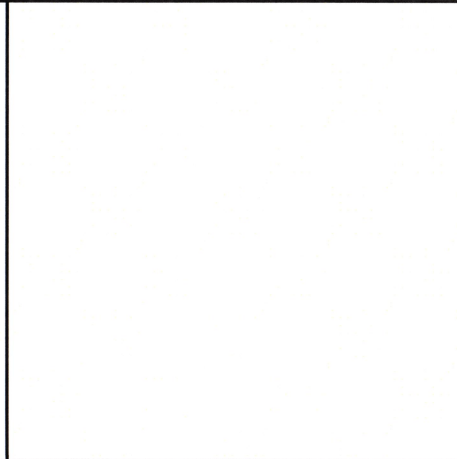
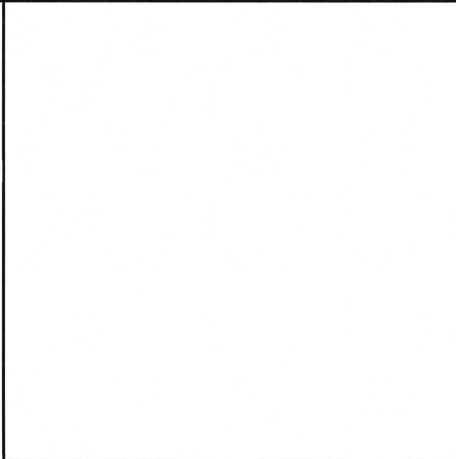
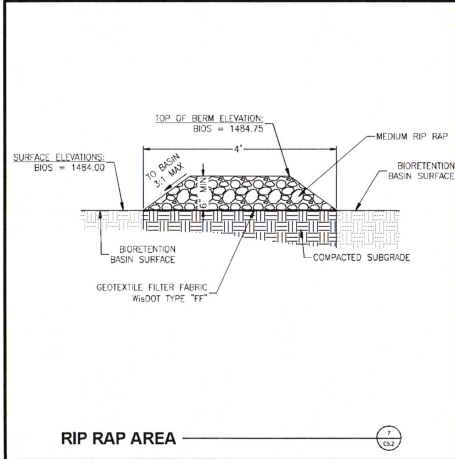
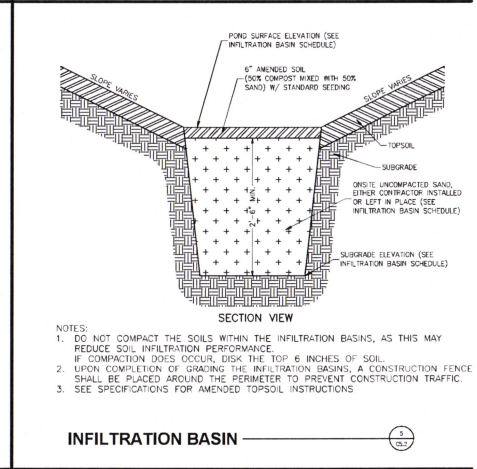
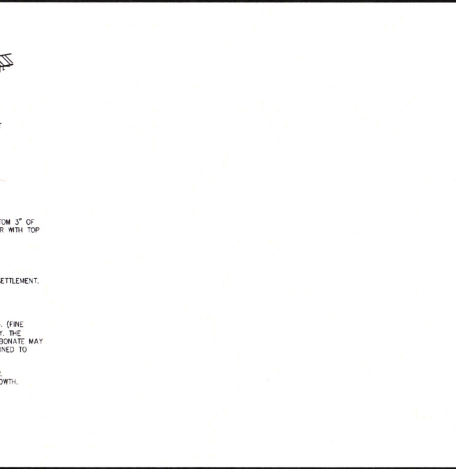
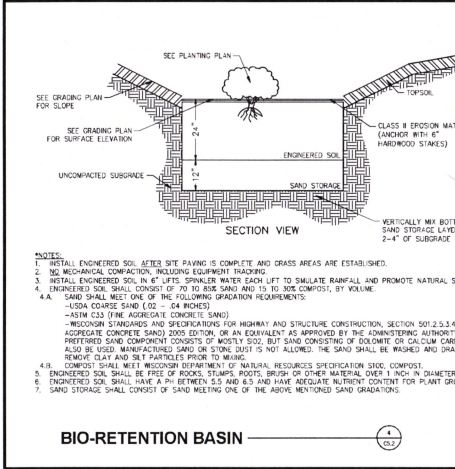
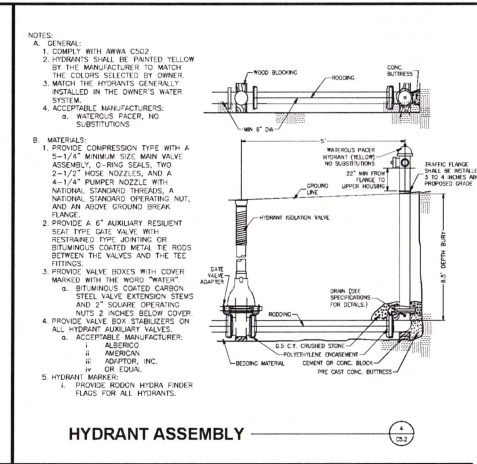
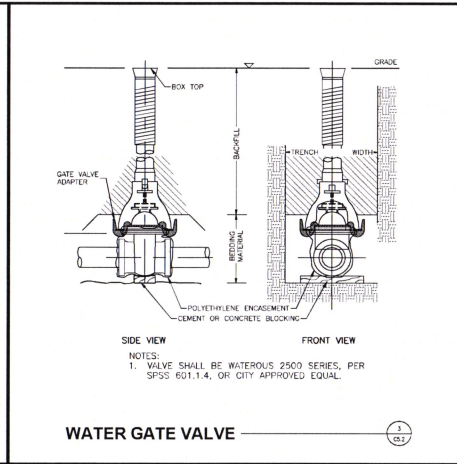
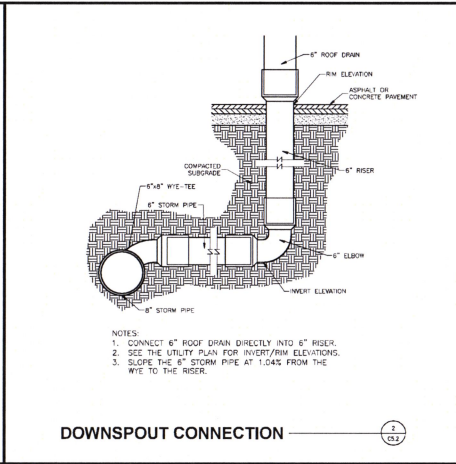
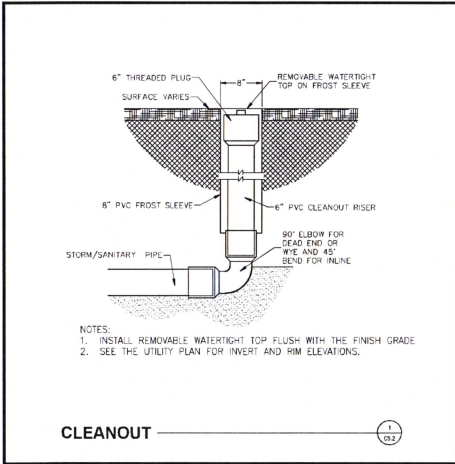
PROJECT #

DATE 04-30-2025

REVISION DATE

DRAWING # C5.C

Attachment: 24.0131 Antigo New Elementary School (7488) : Review and Approve Site Plan for the Unified



blue design group, llc.
 202 West Main, PO Box 257, Harrisville, WI 53484

Civil Engineering
 Land Surveying
 Landscape Architecture

POB

New 6 Section 4K-4 Elementary School for:
 Unified School District of Antigo

Attachment: 24.0131 Antigo New Elementary School (7488) - Review and Approve Site Plan for the Unified

PROJECT #
 DATE 04-30-2025
 REVISION DATE
 DRAWING # C5.2

NOT FOR CONSTRUCTION
 DETAILS



ARC2 LED

Architectural Wall Luminaire



Catalog Number

Notes

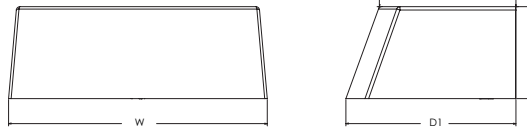
Type

H2

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

Specifications

Depth (D1):	9.25"
Depth (D2):	7.5"
Height:	5"
Width:	14"
Weight: (without options)	11 lbs



Introduction

The Lithonia Lighting ARC LED wall-mounted luminaires provide both architectural styling and visually comfortable illumination while providing the high energy savings and low initial costs for quick financial payback.

ARC2 delivers up to 6,500 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. It offers integrated emergency battery backup options, including an 8W cold temperature option, making it suitable for pedestrian scale applications in any environment.

ARC LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Approximate Lumens (4000K)				
			P1	P2	P3	P4	P5
ARC1 LED	4W	--	1,500	2,000	3,000	--	--
ARC2 LED	4W	8W	1,500	2,000	3,000	4,000	6,500

Ordering Information

EXAMPLE: ARC2 LED P2 40K MVOLT PE DDBXD

Series	Package	Color Temperature	Voltage	Options	Finish
ARC2 LED	P1 1,500 Lumens P2 2,000 Lumens P3 3,000 Lumens P4 4,000 Lumens P5 6,500 Lumens	30K 3000K 40K 4000K 50K 5000K	MVOLT 347 ¹	E4WH Emergency battery backup, CEC compliant (4W, 0°C min) ¹ E8WC Emergency battery backup, CEC compliant (8W, -20°C min) ¹ PE Button type photocell for dusk-to-dawn operation DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) ² SPD6KV 6kV surge protection ¹ FAO Field adjustable light output device. Allows for easy adjustment to the desired light levels, from 20% to 100% ²	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Accessories

Ordered and shipped separately.

WSBBW DDBXD U	Surface - mounted back box (specify finish)
---------------	---

NOTES

- 347V not available with E4WH, E8WC and SPD6KV.
- FAO not available with DMG.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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ARC2 LED
Rev. 03/02/22

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Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
		Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	11W	1,502	142	0	0	1	1,587	150	0	0	1	1,598	151	0	0	1
P2	16W	2,250	140	0	0	1	2,377	147	0	0	1	2,393	148	0	0	1
P3	24W	3,206	135	0	0	1	3,387	143	0	0	1	3,410	144	0	0	1
P4	30W	3,903	128	1	0	1	4,124	136	1	0	1	4,152	136	1	0	1
P5	51W	6,260	122	1	0	1	6,615	129	1	0	1	6,659	130	1	0	1

Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	11W	0.090	0.055	0.049	0.046	0.045
P2	16W	0.141	0.081	0.072	0.064	0.059
P3	24W	0.202	0.117	0.103	0.091	0.079
P4	30W	0.280	0.162	0.144	0.128	0.095
P5	51W	0.471	0.272	0.239	0.212	0.158

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

Option	Lumens
E4WH	693
E8WC	1,413

Lumen Ambient Temperature (LAT) Multipliers

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

Ambient	Lumen Multiplier
0°C / 32°F	1.04
10°C / 50°F	1.03
20°C / 68°F	1.01
25°C / 77°F	1.00
30°C / 86°F	0.99
40°C / 104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11). To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

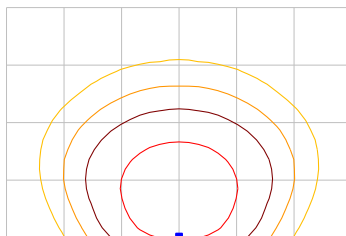
Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.93	>0.88

Photometric Diagrams

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

LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc
- 3.0 fc



ARC2 LED P3 40K

MH = 15ft
Grid = 15ft x 15ft

Emergency Egress Options

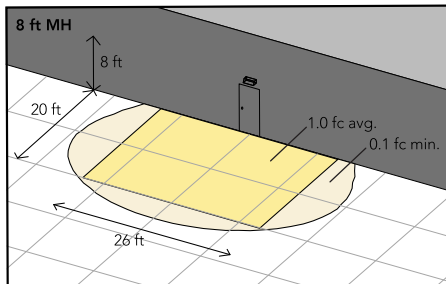
Emergency Battery Backup

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

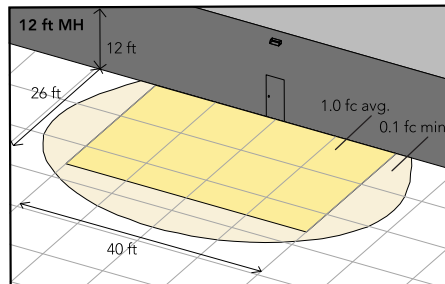
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

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

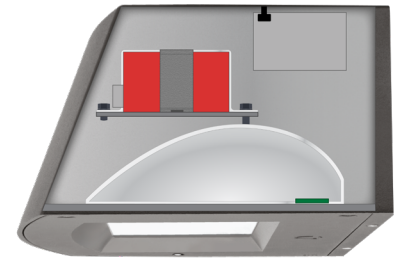
Grid = 10ft x 10ft



ARC2 LED 40K MVOLT E4WH



ARC2 LED 40K MVOLT E8WC



Self-contained solution for clean aesthetics

Mounting, Options & Accessories

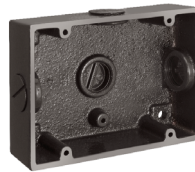


E4WH and E8WC – Emergency Battery Backup

D = 6.5"

H = 5"

W = 11"



BBW – Standard Back Box

D = 1.5"

H = 4"

W = 5.5"

For surface conduit applications.
3/4" conduit entry holes.

FEATURES & SPECIFICATIONS

INTENDED USE

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

CONSTRUCTION

The die-cast aluminum housing and door act as heat sinks to optimize thermal transfer from the light engine and driver to promote long-life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

FINISH

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

OPTICS

Recessed lens to cut off high angle light and reduce glare. Combination of diffused lens and reflector design has low surface brightness creating a visually comfortable environment with great distribution. LEDs are fully hidden from view to eliminate pixelization and harsh glare. The ARC LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficiency LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long-life (up to L88/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire is 0-10V dimmable.

INSTALLATION

The universal wall plate, supplied with the luminaire, fits multiple size junction boxes and supports it during wiring for easy installation. Built-in wet location wiring compartment on the luminaire to accommodate wiring connections for applications with no junction box. 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 IP65 rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all version of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International DarkSky Association (IDA) Fixture Seal of approval (FSA) is available for all products on this page utilizing 3000K color temperature only. Rated for -40°C minimum ambient.

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: www.acuitybrands.com/support/warranty/terms-and-conditions

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



COMMERCIAL OUTDOOR

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ARC2 LED
Rev. 03/02/22

Packet Pg. 51

Catalog Number	
Notes	
Type	K3

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Retrofit, remodel, and new construction mounting types. See table for compatible ceiling openings and thickness range.

Optional goof rings available for additional overlap trim coverage.

1/2"-1-1/2" ceiling thickness

25° ambient temperature

IC rated up to 1000lm

OPTICS — LEDs are binned to a 3-step Mac Adam Ellipse. 55° cutoff

New construction frame accessories approved for 8 (4 in/4 out) No. 12 AWG conductors rated for 90°C through wiring.

80CRI standard (90CRI optional)

UGR — UGR is zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg, per CIE 117-1996 Discomfort Glare in Interior Lighting. [UGR FAQ](#)

ELECTRICAL — Adjustable lumen output with four module options. Fixed lumen options also available. MVOLT 120/277V 50/60Hz driver (0-10V & 120V Phase Dimming to 10% or 1% min dimming level)

FCC CFR Title 47 Part 15 Class A for 277V. FCC CFR Title 47 Part 15 Class B for 120V.

LUMEN MAINTENANCE — L80 at 60,000 hours

LISTINGS — Certified to US and Canadian safety standards. Damp location standard (Wet Location (WL) optional, requires covered ceiling). TAA compliant. UFC (3-530-01) specification compliant for power factor and THD. GSA P100 6.2.4 compliant for power quality at full output; compliant up to 2000lm at fully dimmed output. Drivers are ROHS compliant

Title 24 compliant (90CRI, up to 1000lm).

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: www.acuitybrands.com/support/warranty/terms-and-conditions

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



LBR6

6" Open and Wallwash LED
Retrofit/Remodel Downlight

Retrofit | Remodel

Performance Data

LBR6 AR LSS MWD		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW
ALO1 (500LM)	6	571	99	585	101	599	103	617	105
ALO1 (750LM)	9	905	102	926	103	948	105	977	108
ALO1 (1000LM)	13	1270	98	1300	100	1330	102	1372	104
ALO2 (1000LM)	13	1346	108	1378	110	1410	112	1454	115
ALO2 (1500LM)	19	1965	105	2011	107	2059	109	2123	111
ALO2 (2000LM)	25	2476	100	2533	101	2593	103	2674	106
ALO3 (2000LM)	25	2547	103	2606	105	2668	107	2751	109
ALO3 (2500LM)	32	3075	98	3146	100	3221	101	3321	104
ALO3 (3000LM)	38	3492	93	3573	95	3658	96	3771	99
ALO4 (4000LM)	39	4180	107	4265	109	4350	112	4393	113
ALO4 (4500LM)	44	4613	105	4707	107	4801	109	4848	110
ALO4 (5000LM)	49	5017	102	5119	104	5221	107	5273	108

LBR6 MS MWD		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW
ALO1 (500LM)	6	480	99	584	101	597	102	616	105
ALO1 (750LM)	9	760	102	924	103	946	105	975	108
ALO1 (1000LM)	13	1067	98	1297	100	1328	102	1369	104
ALO2 (1000LM)	13	1131	108	1375	110	1408	112	1451	115
ALO2 (1500LM)	19	1651	105	2007	106	2055	108	2118	111
ALO2 (2000LM)	25	2079	99	2528	101	2588	103	2668	105
ALO3 (2000LM)	25	2139	103	2601	104	2663	106	2745	109
ALO3 (2500LM)	32	2583	98	3140	99	3214	101	3314	103
ALO3 (3000LM)	38	2933	93	3566	94	3651	96	3764	98
ALO4 (4000LM)	39	3511	90	3583	92	3654	94	3690	95
ALO4 (4500LM)	44	3875	88	3954	90	4033	92	4072	93
ALO4 (5000LM)	49	4214	86	4300	88	4386	90	4429	90

- Tested in accordance with IESNA LM-79-08. u8226
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details



Design Select options indicated by this color background.

K3 SET TO 1000LM

Module ordering

ORDERING INFORMATION

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

Example: LBR6 ALO2 SWW1 AR LSS MWD MVOLT UGZ 90CRI

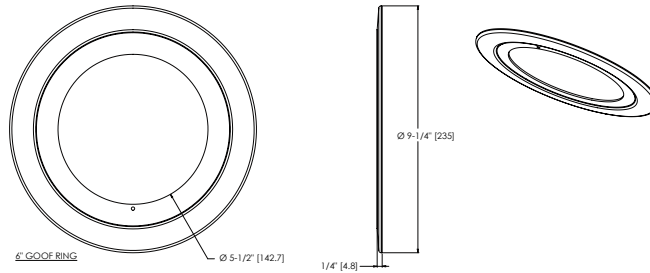
Series	Lumens ‡	Color temperature ‡	Reflector Color	Reflector Flange ‡	Reflector Finish
LBR6 6" Retrofit	Adjustable Lumen Output	Switchable CCT	AR Clear	(blank) Self-flanged	LSS Semi-specular
LBR6WW ‡ 6" Retrofit Wallwash	AL01 500/750/1000lm	SWW1 3000K-3500K-4000K-5000K	BR ‡ Black painted	TRW White painted flange	
K1	AL02 1000/1500/2000lm	Fixed CCT	MS ‡ Metallic Silver	TRBL Black painted flange	
K3	AL03 2000/2500/3000lm	27K 2700K	WR ‡ White painted	FCPC Custom painted flange only	
K4	AL04 4000/4500/5000lm	30K 3000K	TRALTBDD ‡ RAL painted trim	FRALTBDD RAL painted flange only	
		35K 3500K			
		40K 4000K			
		50K 5000K			

Distribution	Voltage	Driver	Emergency ‡	Control Input ‡	Options
MWD Medium wide (1.0 s/mh)	MVOLT	UGZ Universal dimming to 10% 0-10V; line voltage dimming (120V)	(blank) No Emergency Needed	(blank) No Control Input Needed	90CRI High CRI (90+)
WD Wide (1.2s/mh)	120	UGZ1 Universal dimming to 1% 0-10V; line voltage dimming (120V)	ELR Battery pack (10W constant power) Non-T20 Compliant remote test switch	JOT Wireless room control with "Just One Touch" pairing	AT ‡ Airtight
WW ‡ Wallwash	277	DALI ‡ DALI dimming to 1% D10 Minimum dimming 10% driver for use with JOT	ETS	NPS80EZ nLight® network power/relay pack with 0-10V dimming	EC1 ‡ Extended Conduit (18")
	347	D1 Minimum dimming 1% driver for use with JOT	E10WCP Battery pack (10W constant power) T20 Compliant integral test switch	NPS80EZER nLight® network power/relay pack with 0-10V dimming; ER controls fixtures on emergency circuit.	EC6 ‡ Extended Conduit (6ft)
			E10WCPR Battery pack (10W constant power) T20 Compliant remote test switch	NLTAIR2 nLight® Air enabled	WL ‡ Wet Location (IP55)
			E10WRSTAR Emergency battery pack, 10W with remote test switch and Iota STAR technology	NLTAIRER2 nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit	QDS ‡ Quick disconnect plugs
				NLTAIREM2 nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection.	CP ‡ Chicago Plenum

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restrictions chart below.

‡ Option Value Ordering Restrictions	
Options	Restriction
Adjustable Lumens/CCT	Adjustable Lumen Output and Switchable CCT must be specified together (for example: AL01 SWW1).
Fixed Lumens/CCT	Fixed Lumen Output and Fixed CCT must be specified together (for example: 10LM 30K).
AT	Standard for CP and IP55, not available with WW.
E10WCPR	Not available EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
E10WCP	Not available with WW, EC1, EC6, AT, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, WL, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
E10WRSTAR	Not available with wet location, EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch
ELR	Not available EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, AL03 & AL04 w/DALI, OR 2000-4500 lumens w/JOT.
EC1, EC6	Not Available with CP, QDS, ELR, E10WCP, or E10WCPR.
WL	Not available with WW, All CP is wet location, except WW (Damp). IP55 rated.
QDS	Must be specified for use with LBR_PFWQDS. Not available with 347V, CP, ELR, E10WCP, E10WCPR.
JOT	Not available with CP, nLight options, UGZ, or DALI drivers. Max 4500 lumens. Fixed lumens and CCT only. Not available with 2000-4500lm in conjunction with battery pack.
NPS80EZ	Not available with CP, QDS, DALI, D1, OR D10 drivers. 120V OR 277V only. Not available with 347V.
NPS80EZER	Not available with CP, QDS, ELR, E10WCP, E10WCPR, DALI, D1, OR D10 drivers. 120V OR 277V only. Not available with 347V.
NLTAIR2	Not available with CP, QDS, DALI, D1, OR D10 drivers. See UL 924 Sequence of Operation table. Non-emergency luminaires with this option can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options.
NLTAIRER2	Not available with CP, QDS, ELR, E10WCP, E10WCPR, DALI, D1, OR D10 drivers. Not available with 347V.
NLTAIREM2	Not available with CP, QDS, ELR, E10WCP, E10WCPR, DALI, D1, OR D10 drivers. See UL 924 Sequence of Operation table.
CP	Must be specified for use with LBR_PFWCP. Not available with, QDS, EC1, EC6, ELR, E10WCP, E10WCPR, 347V, JOT, NPS80EZ, NPS80EZ ER, NLTAIR2, NLTAIRER2, NLTAIREM2, D1, OR D10 drivers.
ETS	Not available with, QDS, ELR, E10WCP, E10WCPR, 347V, JOT, NPS80EZ, NPS80EZ ER, NLTAIR2, NLTAIRER2, NLTAIREM2, DALI, D1, OR D10 driver.
DALI	Not available with fixed lumens or CCT. Max 4500 lumens.
WW	Not available with WL and E10WCP. Must be ordered with LBR6WW series
TRW, TRBL	Available with MS and AR reflectors only.
MS, WR, BR	Not available with LSS reflector finish.
TRALTBDD, FRALTBDD	RALTBDD for pricing only. Replace with applicable RAL number and finish when ready to order. See the RAL BROCHURE for available color options.
TCPC, FCPC	CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click HERE for more details

Accessories: Order as separate catalog number. Shipped separately.	
LBRGR78	Goof ring 7-3/4" to 8-3/4" for LBR6
LBRGR78CP	Chicago Plenum Goof ring 7-3/4" to 8-3/4" for LBR6
LBR6AR LSS TRIM	6" clear, semi-specular reflector
LBR6** TRIM	6" reflector (** specify MS, WR, BR)
LBR6AR LSS WW TRIM	6" clear, semi-specular wallwash
LBR6** WW TRIM	6" wallwash (** specify MS, WR, BR)
LDN67RVRGIN IFB	Install-from-below rough-in frame
LBR46810HB FPAN U	Mounting plate 4"-10" unit pack
LBR46810HB FPAN J10	Mounting plate 4"-10" 10-pack
LBR SDT 347V 75W ASM	Field installed 347V Step-down transformer
SCA6	Sloped Ceiling Adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D.



Goof rings must specify reflector color
 Example: LBRGR78 BR
 WR = white, BR = black

Module	Mounting Frame Accessory	Compatible Fixture Options
LBR6	LBR6PF	QDS, EC1, EC6,
	LBR6PFW	Base fixture only
	LBR6PFW EM	ELR, E10WCPR, E10WCP, E10WRSTAR
	LBR6PFWQDS	QDS fixture only
LBR6WW	LBR6PF	QDS, EC1, EC6,
	LBR6PFW	Base fixture only
	LBR6PFW EM	ELR, E10WCPR, E10WRSTAR
	LBR6PFWQDS	QDS fixture only

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter / 2 Hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A+	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A+	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic
ILBHI CP10 HE SD A+	10W	90	1200	347-480V AC Input, Title 20, Self Diagnostic
ILBHI CP15 HE SD A+	15W	90	1800	347-480V AC Input, Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.
 *Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
 The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.
 Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

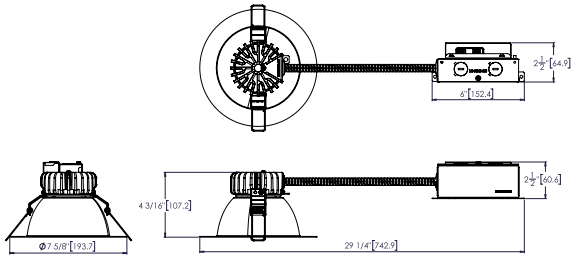
Attachment: Antigo New Elem Exterior Fixture Cutsheets (7488 : Review and Approve Site Plan for the Unified School District of Antigo's

PLENUM DEPTH TABLE			
Aperture Size/Output	Plenum Depth*	IC	Non-IC
LBR6 500-1000 Lumen	3.69	X	
LBR6 1000-2000 Lumen	3.69		X
LBR6 2000-3000 Lumen	-		24x24x9
LBR6 4000-5000 Lumen	-		24x24x9

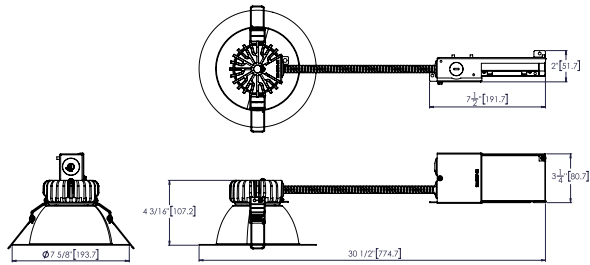
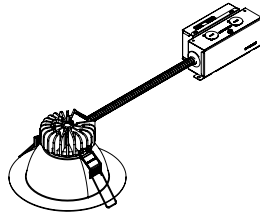
CEILING COVERAGE TABLE								
Series		Aperture	Trim Flange OD	Min ceiling opening	Ceiling Thickness	Max ceiling opening	Max Ceiling Opening with Goof Ring	Overall Goof Ring OD
LBR6	ROUND	5-5/16"	7-5/8"	5-3/4"	1/2"	7-1/8"	7-1/8"	9-1/4"
LBR6					1-1/2"	7-3/8"	7-1/2"	

*Above unfinished 1/2" ceiling plane

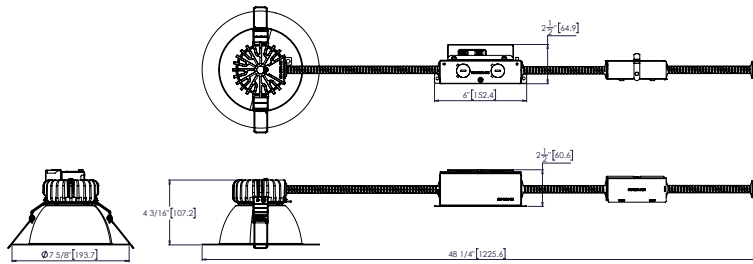
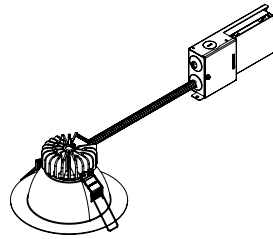
* All dimensions are inches (millimeters) unless otherwise noted.



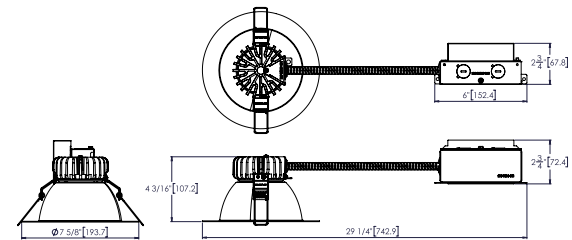
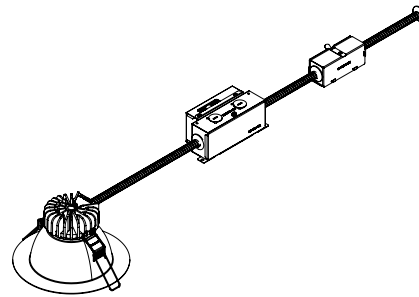
LBR6 SWW1 AL0x xx xxx MVOLT UGZ



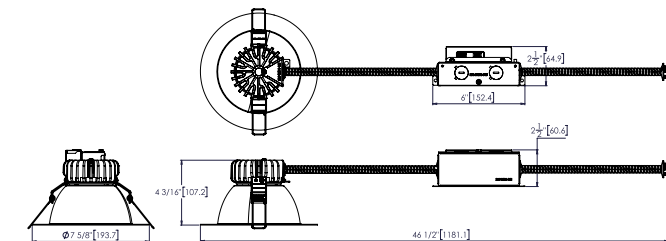
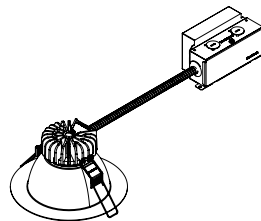
LBR6 SWW1 AL03 xx xxx MVOLT DALI



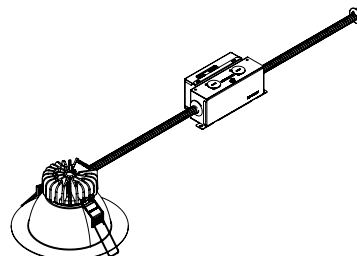
LBR6 SWW1 AL0x xx xxx MVOLT UGZ QDS



LBR6 SWW1 AL0x xx xxx MVOLT DALI

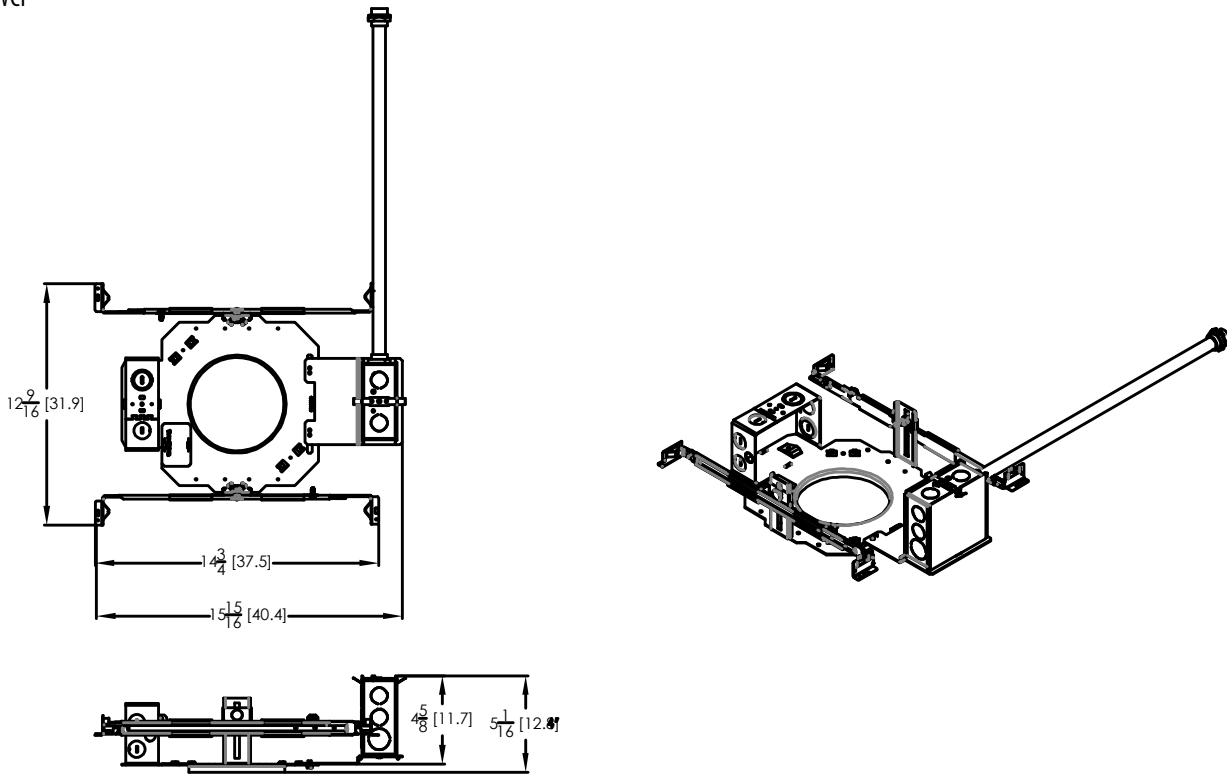


LBR6 SWW1 AL0x xx xxx MVOLT UGZ EC1

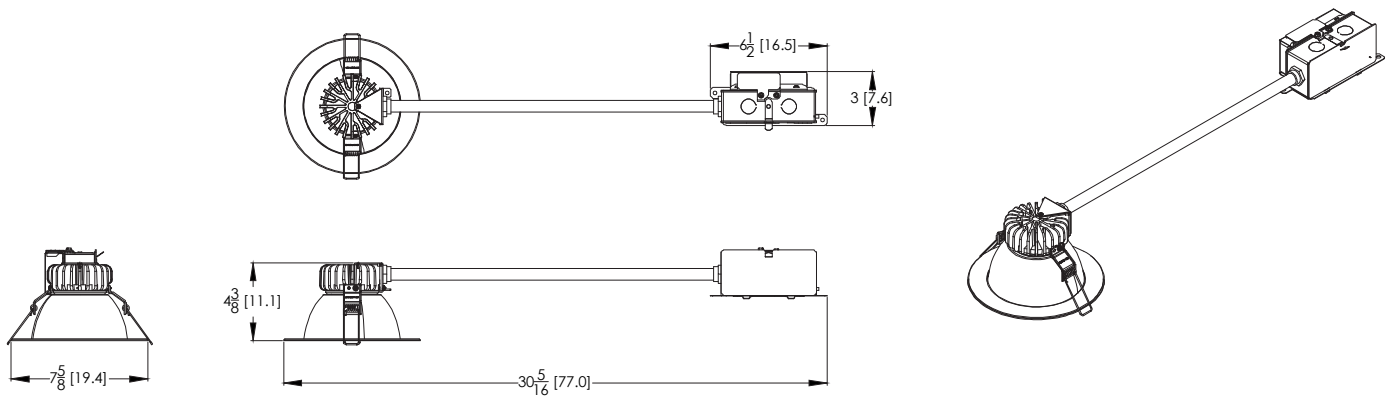


* All dimensions are inches (millimeters) unless otherwise noted.

LBR6PFWCP



LBR6 SWW1 ALOx MVOLT UGZ CP

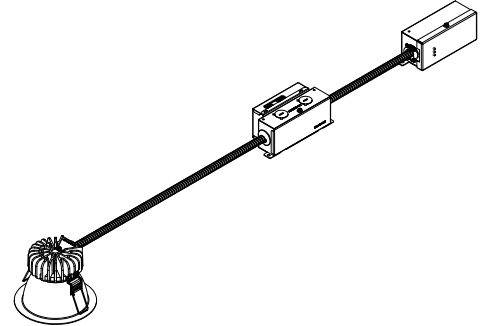
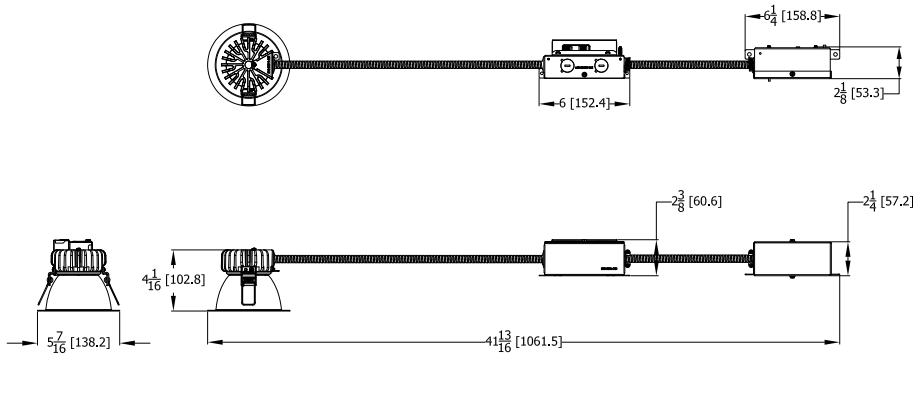


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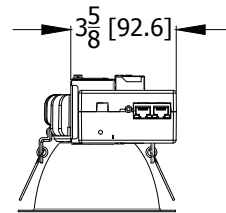
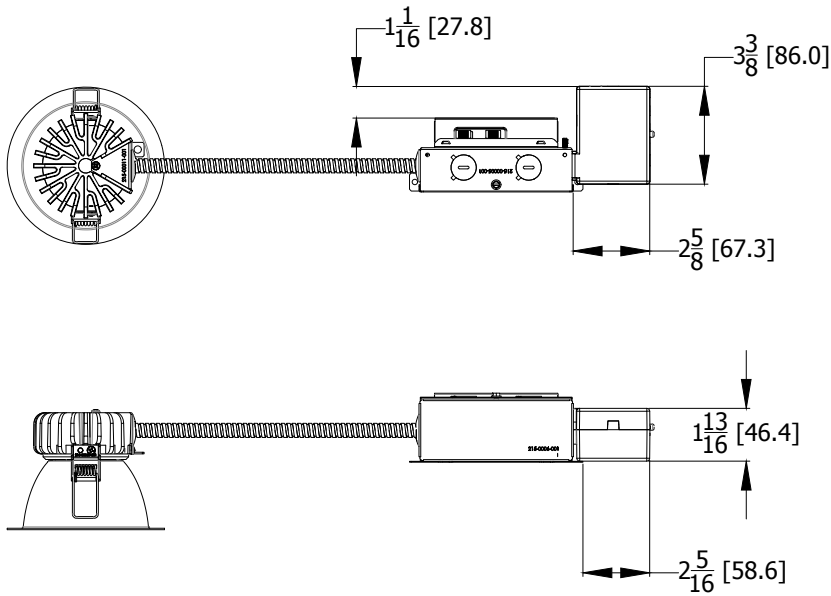
LBR6

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

LBR6 ALOx SWW1 xx xxx 347 UGZ



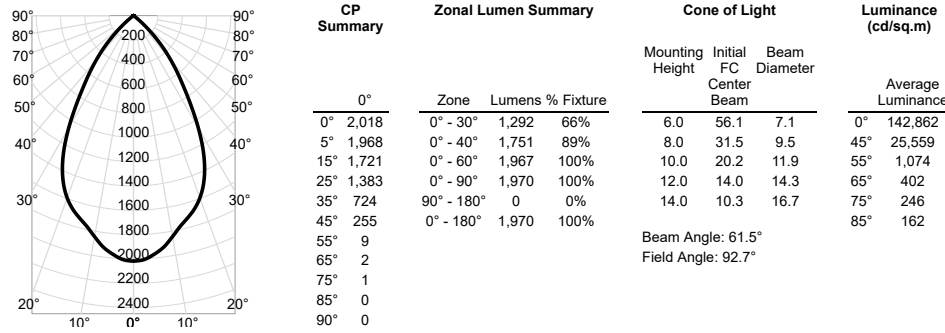
LBRx nLIGHT



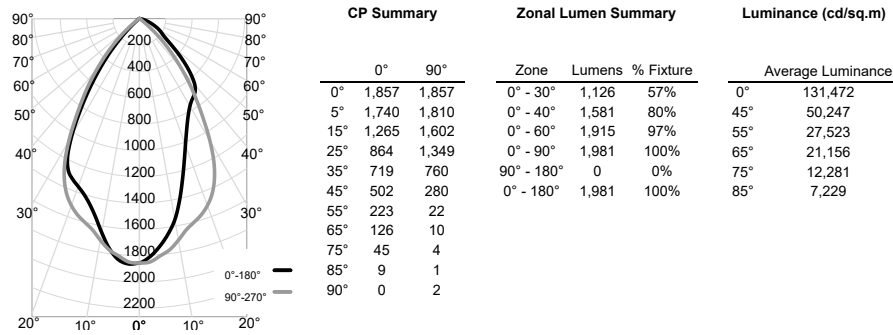
PHOTOMETRY

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

LBR6 SWW1 AL02 AR LSS MWD MVOLT UGZ, Input Watts: 18.1, Delivered Lumens: 1970, LPW: 108.8, S/MH: 0.94, Test No: 20-518-03



LBR6WW SWW1 AL02 AR LSS WW, Input Watts: 18.7, Delivered Lumens: 1981, LPW: 105.9, S/MH: 0.67, Test No: 20-518-A1



LUMEN OUTPUT MULTIPLIERS - CCT			
3000K	3500K	4000K	5000K
0.98	1.0	1.01	1.03

LUMEN OUTPUT MULTIPLIERS - FINISH	
Clear Semi-spec (AR LSS)	1.0
Metallic Silver (MS)	0.84
White Painted (WR)	1.03
Black Painted (BR)	0.60

LUMEN OUTPUT MULTIPLIERS - CRI	
80	1.0
90	0.874

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the 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.

The LPW rating is also available at Designlight Consortium.

Attachment: Antigo New Elem Exterior Fixture Cutsheets (7488 : Review and Approve Site Plan for the Unified School District of Antigo's

DIMMER COMPATIBILITY

Not compatible with DALI or DMX dimmers. For specific compatible dimmers see below.

LINE VOLTAGE DIMMING:						
Type	Forward Phase	ALO1 (500-1000lm)	ALO2 (1000-2000lm)	ALO3 (2000-3000lm)	ALO4 (3000-5000lm)	Comment
MLV	Sensorswitch WPD	YES	YES	YES	YES	
MLV	Sensorswitch CMR PDT10 ADC VLP	YES	YES	YES	YES	
MLV	Synergy ISD 600LV	YES, 2x *	YES	YES	YES	* min 2 fixtures
INC	Synergy ISD 600 I	YES, 2x *	YES	YES	YES	* min 2 fixtures
MLV	Lutron Glyder GLV-600	YES	YES	YES	YES	
INC	Leviton SureSlide 6633	YES	YES	YES	YES	
MLV	Lutron Diva DVLV-600P	YES	YES	YES	YES	
MLV	Lutron Skylark SLV-600P	YES	YES	YES	YES	
INC	Lutron RadioRA 2 10ND	YES	YES	YES	YES	
MLV	Leviton SureSlide 6613-PLW	YES	YES	YES	YES	
INC	Lutron Diva DVCL-153P	YES	YES	YES	YES	
MLV	Leviton IPM06	YES, 2x *	YES	YES	YES	* min 2 fixtures
INC	Leviton IPI06	YES, 2x *	YES	YES	YES	* min 2 fixtures
INC	Control4 C4-FPD 120	YES	YES	YES	YES	
Type	Reverse Phase Dimmer Bank	ALO1 (500-1000lm)	ALO2 (1000-2000lm)	ALO3 (2000-3000lm)	ALO4 (3000-5000lm)	
ELV	Lutron Nova T NTELV-600	YES	YES	YES	YES	
ELV	Lutron Diva DVELV 600P	YES	YES	YES	YES	
ELV	Lutron Maestro MAELV 600	YES	YES	YES	YES	
ELV	Leviton Vizia VPE06-1LX	YES	YES	YES	YES	
ELV	Leviton Illumatech IPE04	YES	YES	YES	YES	
ELV	Control4 C4-APD 120 REVERSE PHASE	YES	YES	YES	YES	
Type	Miscellaneous Dimmers	ALO1 (500-1000lm)	ALO2 (1000-2000lm)	ALO3 (2000-3000lm)	ALO4 (3000-5000lm)	
PHA	Lutron RadioRA2 RRD-6NA	YES	YES	YES	YES	
PHA	Lutron Maestro PRO LED+ RRD-PRO	YES	YES	YES	YES	
Type	Control Systems	ALO1 (500-1000lm)	ALO2 (1000-2000lm)	ALO3 (2000-3000lm)	ALO4 (3000-5000lm)	
MLV	Lutron LP-RPM-4U	YES	YES	YES	YES	
PHA	Lutron LP-RPM-4A	YES	YES	YES	YES	
MLV	Lutron GRAPHIC EYE QSGRJ-3P	YES	YES	YES	YES	
PHA	Lutron PA Power Module PPHM-PA-120	YES	YES	YES	YES	
ELV	Lutron nLight nSP5PCD ELV	YES	YES	YES	YES	

DIMMER COMPATIBILITY

Not compatible with DALI or DMX dimmers. For specific compatible dimmers see below.

0-10V DIMMING:							
Manufacturer	System Type	Description	P/N	ALO1 (500-1000lm)	ALO2 (1000-2000lm)	ALO3 (2000-3000lm)	ALO4 (3000-5000lm)
ACUITY	Wall Box	sensorswitch, dimming switch with multi-way option	SPODMRA	YES	YES	YES	YES
ACUITY	Wall Box	sensorswitch, wall switch sensor, occupancy controlled dimming	WSX D WH	YES	YES	YES	YES
ACUITY	Control System	nLight	nPP16D	YES	YES	YES	YES
ACUITY	Control System	nLight	nPS 80 EZ	YES	YES	YES	YES
ACUITY	Control System	nLight Air	rPP20 D	YES	YES	YES	YES
Lutron	Other	0-10V (sink or source) PowPak wireless dimming module	RMJ-5T-DV-B	YES	YES	YES	YES
Wattstopper	Control System	Digital single relay room controller (0-10V)	LMRC-211	YES	YES	YES	YES
Crestron	Control System	DIN Rail 0-10V fluorescent dimmer, 4 feeds, 4 channels (Green Light System)	DIN-4DIMFLV4	YES	YES	YES	YES
Lutron	Other	Grafik Eye 0-10V adapter	GRX-TVI	YES	YES	YES	YES
Leviton	Wall Box	Illumatech 0-10V	IP710-DLX	YES	YES	YES	YES
Lutron	Control System	Mounted in the Homeworks QS panel - 0-10V dimmer (sink or source)	GRX-TVM2	YES	YES	YES	YES
Lutron	Wall Box	Nova 0-10V wallbox dimmer (use with PP-120-H line voltage relay)	NFTTV	YES	YES	YES	YES
Lutron	Wall Box	Nova 0-10V wallbox dimmer (use with PP-120-H line voltage relay)	NTSTV-DV	YES	YES	YES	YES
Lutron	Wall Box	Nova T	NFTV	YES	YES	YES	YES
Leviton	Wall Box	Renior II 0-10V	AWSMG-7DW	YES	YES	YES	YES

ADDITIONAL DATA



The Sensor Switch JOT enabled solution offers a wireless, app-free approach to single room lighting control. JOT enabled products use Bluetooth® Low Energy (BLE) technology to enable wireless dimming and switching.

Diagram



LBR6 Series



Sensor Switch
WSXA JOT

- 1. Power:** Install JOT enabled fixtures and controls as instructed.
- 2. Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
- 3. Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

COMPATIBLE 0-10V WALL-MOUNT DIMMERS		
MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DDTV	
	Diva® DVSC TV	
	Nova T® NTFTV	
	Nova® NFTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis OA2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Preset slide: PS-010-IV and PS-010-WH	
	Preset slide: PS-010-3W-IV and PS-010-3W-WH	
	Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALInet Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	

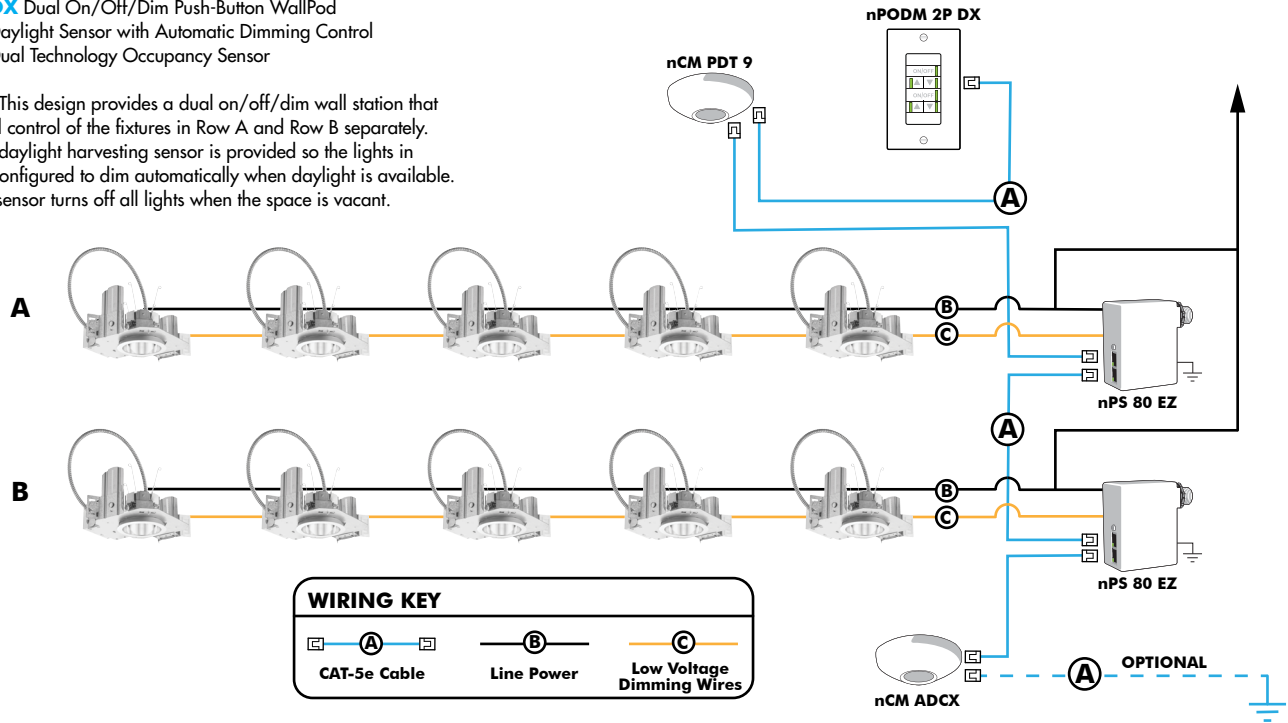
EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

- nPS 80 EZ Dimming/Control Pack (qty: 2 required)
- nPODM 2P DX Dual On/Off/Dim Push-Button WallPod
- nCM ADCX Daylight Sensor with Automatic Dimming Control
- nCM PDT 9 Dual Technology Occupancy Sensor

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



Choose Wall Controls

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



Push-Button Wallpod
Traditional tactile buttons and LED user feedback



Graphic Wallpod
Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:			
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.			
WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CATS 10FT J1
		15, CAT5 15FT	CATS 15FT J1

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nLight® AIR Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

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

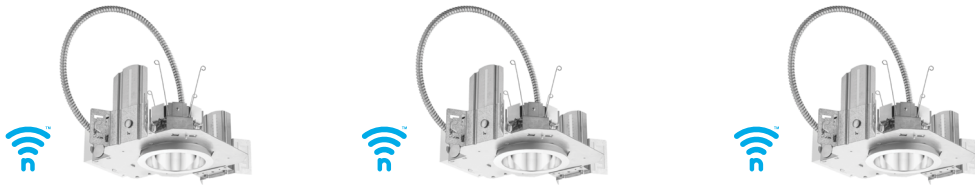
UL924 Sequence of Operation

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.

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

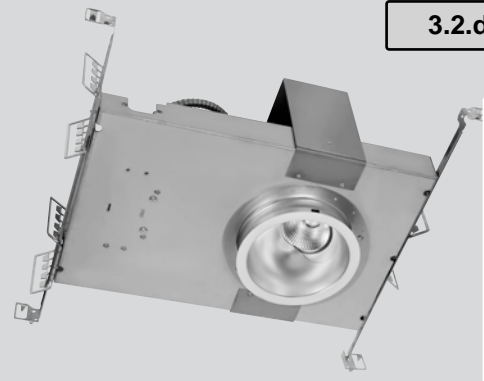
nLight AIR
 nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial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



Simple as 1,2,3

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





6" Round Adjustable, F-Class Gen V

Open, LED 750-3000 Lumens



Features & Specifications

ELECTRICAL SYSTEM

- 750 - 3000 lumens
- 2700K - 5000K CCT
- 80 CRI with 3 SDCM color consistency (+90 CRI optional)
- Standard 0-10V 1% dimming driver; optional drivers available
- 120V - 277V Universal Input Volts, 347V option
- Minimum 50,000 hour lifetime at L70
- -20°C to 30°C Ambient Operating Temperature Range

OPTICS

- Precision spun 2-piece architectural-grade reflector
- Reflectors available in Alzak® and painted finishes
- Distribution is free of streaks, striations and hotspots
- 41° vertical adjustment range
- 360° horizontal adjustment range
- 60° medium distribution

FRAME & MOUNTING

- Galvanized steel frame with integrated junction box featuring hinged access covers with spring retaining latches
- Vertically adjustable rigid formed mounting brackets that accept a variety of mounting bars with auxiliary nail holes and T-bar slots
- T-Bars included, suitable for joist spacing from 12" to 24"
- Supports straight conduit runs - (3) 3/4" knockouts
- Through branch wiring - (8) #12 AWG (4 in, 4 out), 90°C conductors
- Accessibility to all LED components from below ceiling
- Flush to the ceiling reflectors, secured by high quality friction clips

Listings

- ETL certified to UL 1598 and UL8750 requirements
- Tested according to LM-79 and LM-80 standards
- Energy Star® certified versions available (see Vantage Energy Star® guide for details)
- Suitable for damp locations under covered ceiling
- Buy American Act (BAA)

Warranty & Notes

- 5-year limited warranty on LED module and driver
- www.vantageltg.com/product-warranty
- Photometric tests performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures
- Insulation must be kept 3" away from luminaire

Lumens*

Nominal Lumens	Delivered Lumens	Wattage	Lumens Per Watt
750	668	10.1	66.14
1100	919	15.1	60.86
1500	1253	17.3	72.43
2000	1671	23.1	72.21
3000	2506	34.7	72.22

All measured at 3500K with a standard medium distribution
 *Actual Wattage/Lumens may vary.

Ordering Information

EXAMPLE: A6VOFLEDADJU-1130K-L6030-SGC-ZDI

Series	Voltage	Lumens	Kelvin (CCT)	Reflector	Finishes	Options**
A6VOFLEDADJ	U - 120V-277V 1 - 120V 2 - 277V 3 - 347V (347V Step Down Transformer) *Must provide voltage when optional drivers are selected.	07 - 750 11 - 1100 15 - 1500 20 - 2000 30 - 3000	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	L6030 41° Vertical Adjustment Open Reflector	SCL Specular Clear SGC Soft Glow Clear WHT White Matte *All trims supplied standard with white painted flange.	ZDM (standard) LDE1 DTD PEQ0 HCR DMX PF DCA EM17 TDM EM-CW-LEI DMM GR-6-xx" DL-2 GTD SENSDYOC DL-3 BRGESEN

**Options Notes

- ZDM - 0-10V 1% dimming driver (standard)
- DTD - 0-10V 0.1% dimming driver. (up to 4000 lumens)
- DMX - DMX with RDM dimming driver, requires DCA
- DCA - Daisy Chain Adaptor
- TDM - Triac (Forward Phase, 120V only) dimming driver. (up to 5000 lumens)
- DMM - Dali Driver (up To 5000 Lumens)
- DL-2 - Lutron 2-Wire Hi-lume dimming driver. (up to 3000 lumens)
- DL-3 - Lutron Hi-lume 1% 3-wire dimming driver. (up to 3000 Lumens)
- LDE1 - Lutron Hi-lume 1% with Soft-On, Fade-to-Black dimming driver. (up to 4000 lumens)
- PEQ0 - Lutron Hi-lume Premier 0.1% with Soft-On, Fade-to-Black dimming driver. (up to 4000 lumens)
- HCR - High CRI, 90+ minimum. (Not available in 5000 Kelvin)
- PF - Polished Flange
- EM17 - Battery Backup W/remote Test Button & Indicator Light (for 800-5000 Lumen Luminaires)

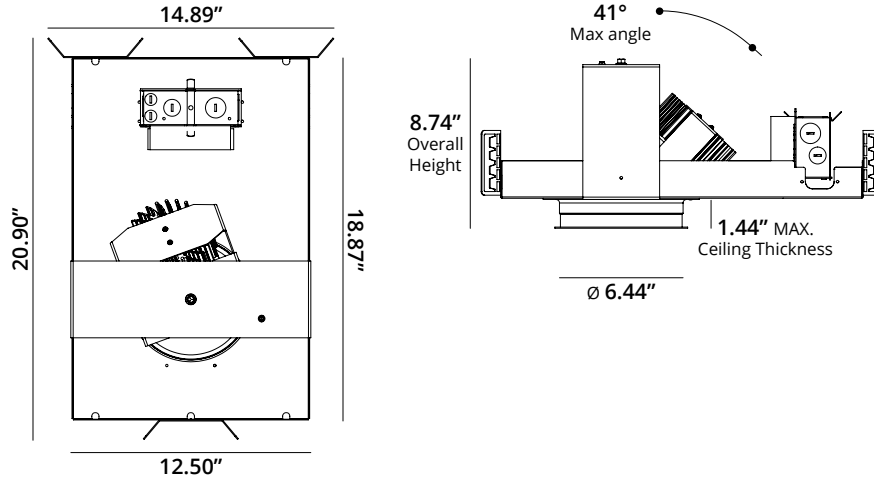
- EM-CW-LED - Cold Weather Rated Emergency Driver
- GR-6-xx" - 6" Goof Ring (inner Dimension In place of 'xx')
- GTD - Generator Transfer Device
- SENSDYOC - Daylight/occupancy Sensor - remote mount
- BRGESEN - Bridge up to 400 Watts for Sensdyoc

6" Round Adjustable, F-Class Gen V

Open, LED 750-3000 Lumens

Dimensional Data

Ceiling cut Out 6.44"



Reflector Finishes



Photometry

L6030-SCL - 60° Medium Distribution

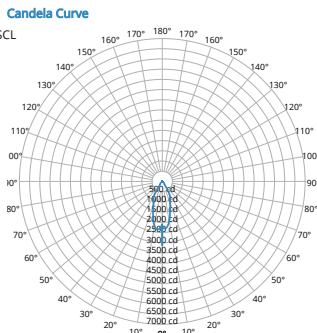
Model
A6VOFLEDADJU-2035K-L6030-SCL

Lumens
1,671

Watts
23.14

Efficacy
72.21

SC
0.45



Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0'	49 fc	7.7'
10.0'	31 fc	9.6'
12.0'	22 fc	11.5'
14.0'	16 fc	13.5'
16.0'	12 fc	15.4'
20.0'	8 fc	19.2'
24.0'	5 fc	23.1'
30.0'	3 fc	28.8'

Candela Table	0.00°
0.00°	3,128
5.00°	2,282
10.00°	1,952
15.00°	1,479
20.00°	1,119
30.00°	646
40.00°	160
50.00°	71
60.00°	19
70.00°	9
80.00°	6
90.00°	5

Zonal Lumen Summary	Zone	Lumens	% Luminaire
0° - 30°	1,329	80%	
0° - 40°	1,454	87%	
0° - 60°	1,571	94%	
60° - 90°	46	3%	
0° - 20°	902	54%	
20° - 50°	621	37%	
50° - 70°	71	4%	
70° - 90°	23	1%	
0° - 90°	1,617	97%	
90° - 180°	54	3%	
Total	1,671	100%	

Spacing Criterion		
Height	Spacing	Light Level*
8 ft	3.6 ft	~ 49 fc
10 ft	4.5 ft	~ 31 fc
12 ft	5.4 ft	~ 22 fc
8 ft	2.7 ft	~ 87 fc
10 ft	3.4 ft	~ 56 fc
12 ft	4.1 ft	~ 39 fc
8 ft	1.8 ft	~ 196 fc
10 ft	2.3 ft	~ 125 fc
12 ft	2.7 ft	~ 87 fc

* approximate direct light level at floor based on spacing criterion overlap

MULTIPLIER

CRI	Multiplier	Kelvin	Multiplier	Reflector Finish	Multiplier
80	1	2700K	0.939	SCL	1
90	0.8	3000K	0.975	SGC	0.95
		3500K	1	WHT	0.87
		4000K	1.035		
		5000K	1.098		

Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function.



RSX1 LED Area Luminaire

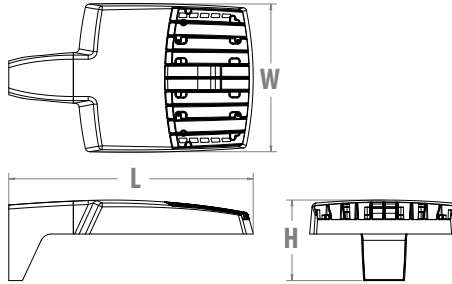


Catalog Number	
Notes	
Type	Y12

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

Specifications

EPA (ft²@0°):	0.57 ft ² (0.05 m ²)
Length:	21.8" (55.4 cm) (SPA mount)
Width:	13.3" (33.8 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight: (SPA mount):	22.0 lbs (10.0 kg)



Introduction

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

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



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

ds Design Select options indicated by this color background.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBX1

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide ¹ R5S Type 5 Short ¹ AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) ² HVOLT (347V-480V) ³ XVOLT (277V-480V) ⁴ (use specific voltage for options as noted) 120 ³ 277 ⁵ 208 ³ 347 ⁵ 240 ³ 480 ⁵	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁶ WBA Wall bracket ¹ WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting ⁶ AARP Adjustable tilt arm round pole mounting ⁶ AAWB Adjustable tilt arm with wall bracket ⁶ AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁶

Options	Finish
Shipped Installed HS House-side shield ⁷ PE Photocontrol, button style ^{8,9} PER7 Seven-wire twist-lock receptacle only (no controls) ^{9,10,11} SF Single fuse (120, 277, 347) ⁵ DF Double fuse (208, 240, 480) ⁵ SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output ⁹ DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ⁹	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured Dark Bronze DBLTXD Textured Black DNATXD Textured Natural Aluminum DWHGXD Textured White
Shipped Separately (requires some field assembly) EGS External glare shield ⁷ EGFV External glare full visor (360° around light aperture) ⁷ BS Bird spikes ¹⁶	



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Lithonia RSX1 Area LED
 Rev. 10/09/24
 Page 1 of 9

Ordering Information

Accessories

Ordered and shipped separately.

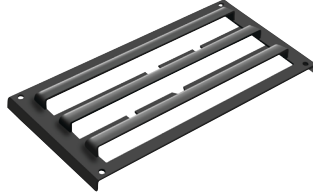
RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glare shield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor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

NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- XVOLT driver not available with P1 or P2. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- Two or more of the following options cannot be combined including PE, DMG, PER7, FAO and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
- Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming

- signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- Must be ordered with PIRHN.
- Requires MVOLT or HVOLT.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
- CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

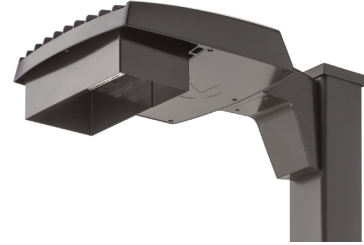
External Shields



House Side Shield



External Glare Shield

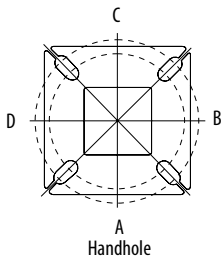


External 360 Full Visor

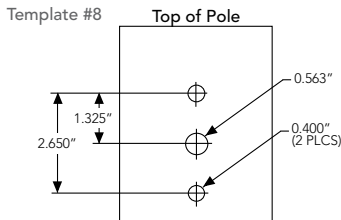
Pole/Mounting Information

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

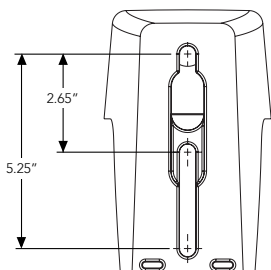
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

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

Drill/Side Location by Configuration Type

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

RSX1 - Luminaire EPA

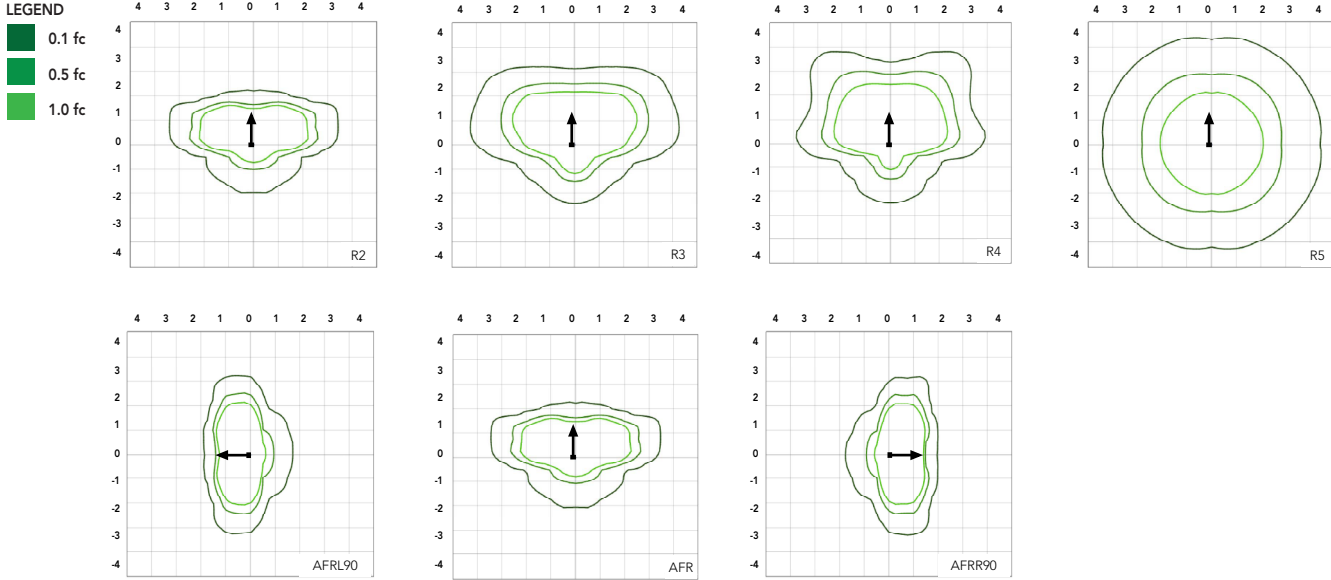
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

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

Photometric Diagrams

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

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



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

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

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

Electrical Load

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

Projected LED Lumen Maintenance

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

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



COMMERCIAL OUTDOOR

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R35	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R45	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R55	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140		
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R35	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R45	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R55	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137		
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R35	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R45	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R55	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130		
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R35	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R45	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R55	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125		

Attachment: Antigo New Elem Exterior Fixture Cutsheets (7488 : Review and Approve Site Plan for the Unified School District of Antigo's

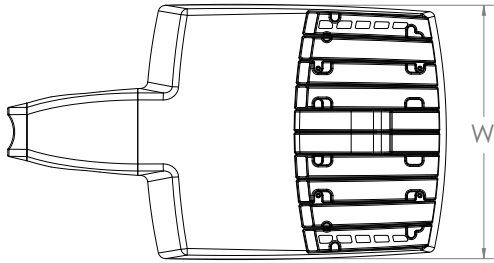


Dimensions & Weights

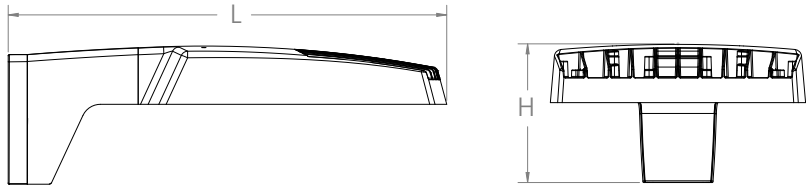
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	22 lbs
RPA	24 lbs
MA	22 lbs
WBA	25 lbs
WBASC	28 lbs
IS	25 lbs
AASP	25 lbs
AARP	27 lbs
AAWB	28 lbs
AAWSC	31 lbs

RSX1 with Round Pole Adapter (RPA)



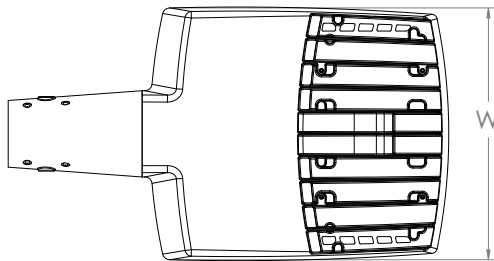
Length: 22.8" (57.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.4 cm) Arm



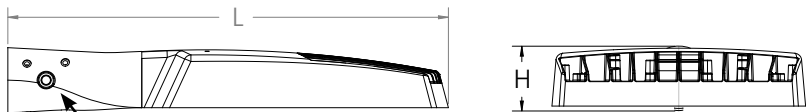
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX1 with Mast Arm Adapter (MA)

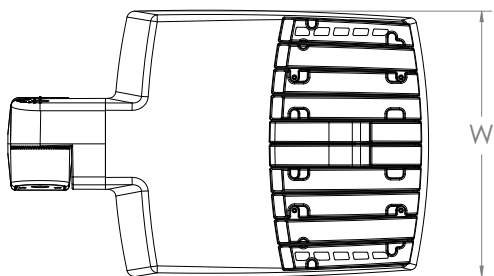


Length: 23.2" (59.1 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.5" (8.9 cm) Arm

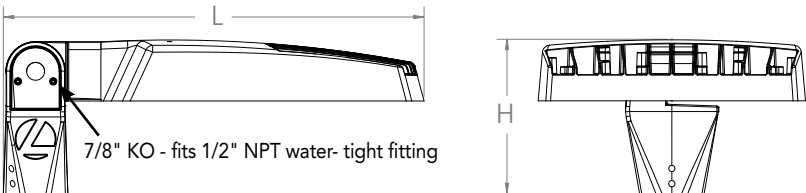


7/16" locking thru bolt/nut provided

RSX1 with Adjustable Slipfitter (IS)



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



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



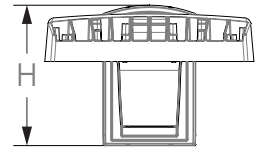
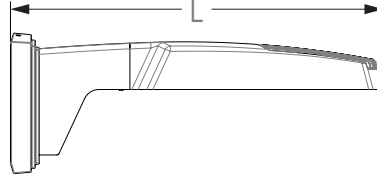
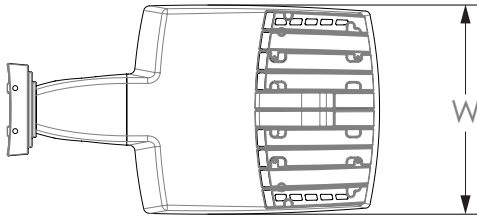
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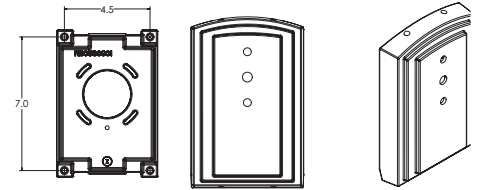
Dimensions

RSX1 with Wall Bracket (WBA)

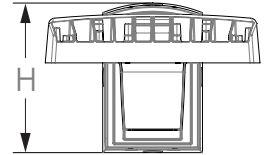
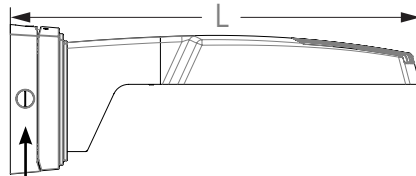
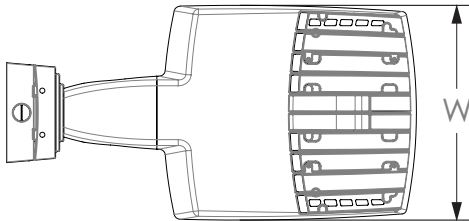


Length: 23.6" (59.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



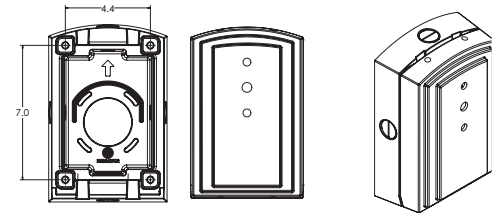
RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



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

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

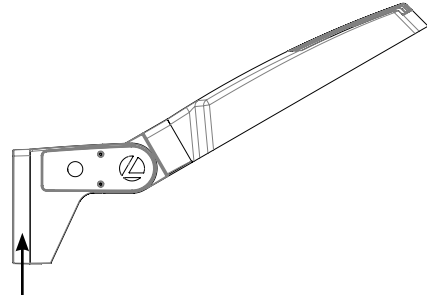
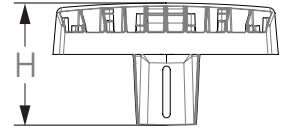
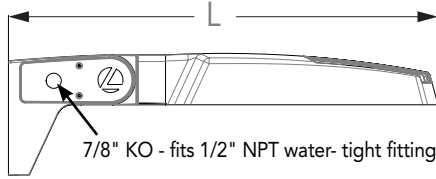
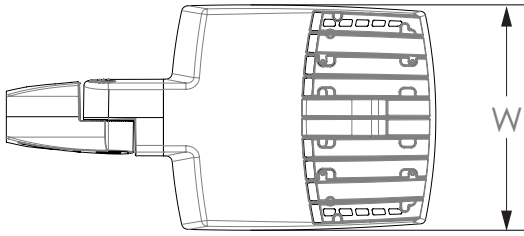
Surface Conduit Box (SCB) Mounting Detail



Attachment: Antigo New Elem Exterior Fixture Cutsheets (7488 : Review and Approve Site Plan for the Unified School District of Antigo's

Dimensions

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



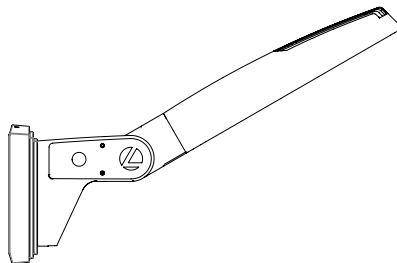
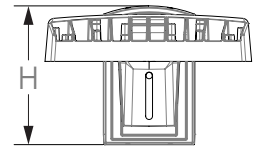
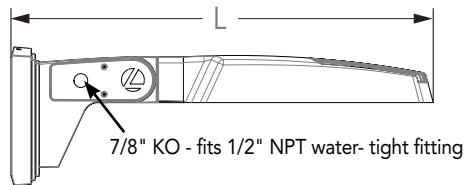
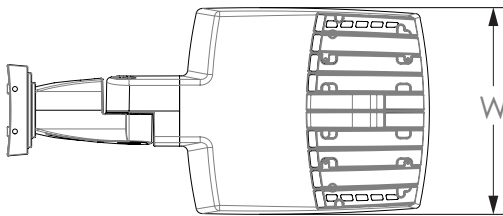
NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



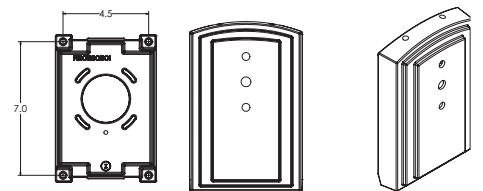
Length: 25.3" (65.3 cm) **AASP**
26.3" (66.8 cm) **AARP**
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

Notes
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



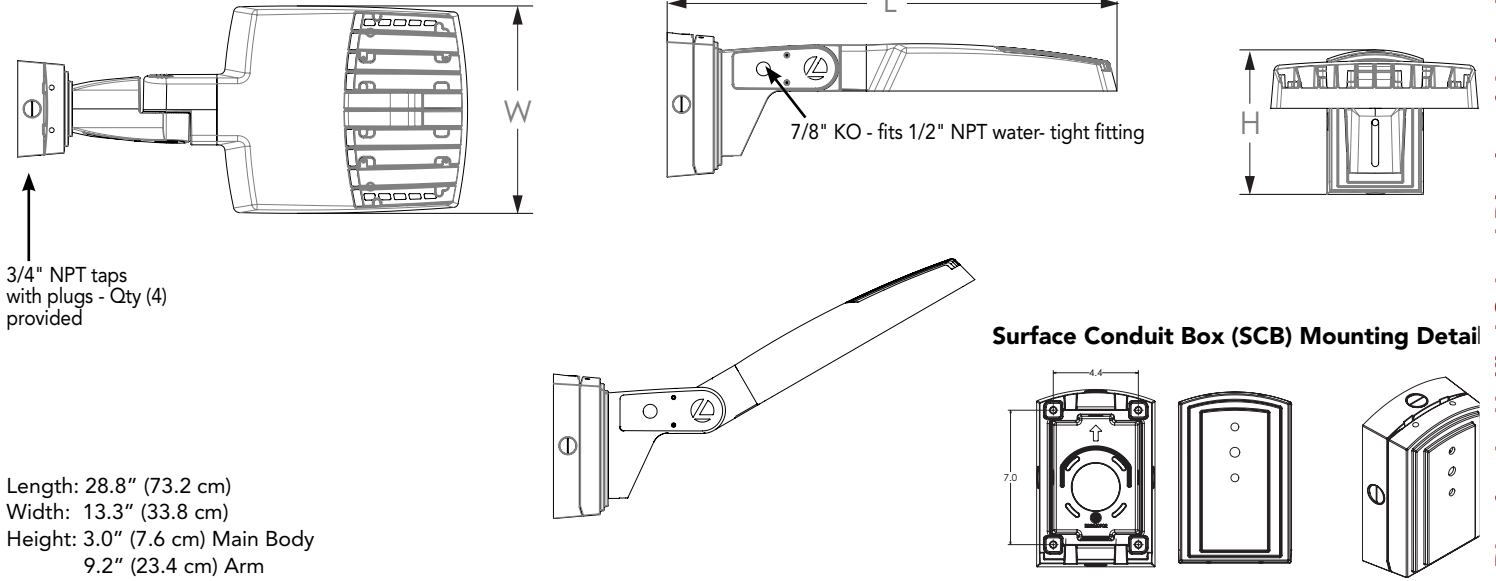
Wall Bracket (WBA) Mounting Detail



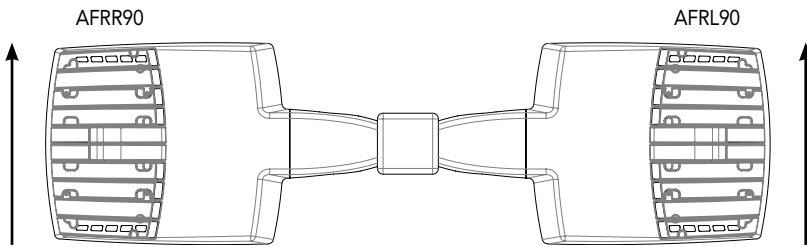
Length: 27.1" (68.8 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Dimensions

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



Automotive Front Row - Rotated Optics (AFRL90/R90)



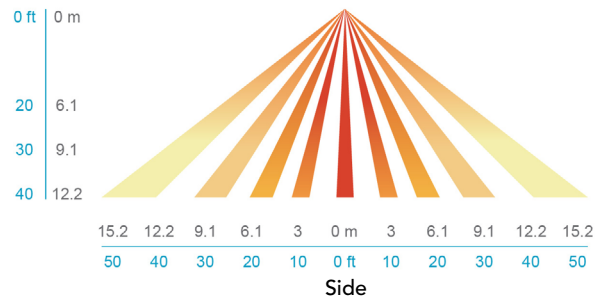
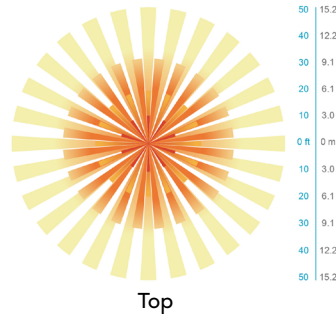
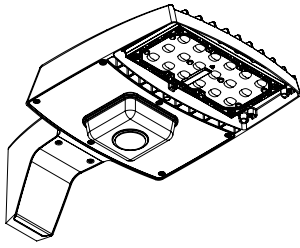
(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

Attachment: Antigo New Elem Exterior Fixture Cutsheets (7488 : Review and Approve Site Plan for the Unified School District of Antigo's

nLight Control - Sensor Coverage and Settings

nLight Sensor Coverage Pattern

NLTAIR2 PIRHN



Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is tilted.

FEATURES & SPECIFICATIONS

INTENDED USE

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

CONSTRUCTION

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

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

COASTAL CONSTRUCTION (CCE)

Optional corrosion-resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead times apply.

OPTICS

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

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

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

nLIGHT AIR CONTROLS

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

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Not the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

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

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulation BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american 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:

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

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



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Lithonia RSX1 Area LEU
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Packet Pg. 73



RSX2 LED Area Luminaire

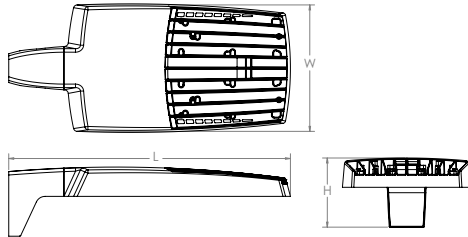


Catalog Number	
Notes	
Type	Y13, Y14, Y14S, Y25 - 5000K

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

Specifications

EPA (ft ² @0°):	0.69 ft ² (0.06 m ²)
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)



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.

ds Design Select options indicated by this color background.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBX1

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
ALL RSX2 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) ²	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) ³	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) ⁴	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
Y13	P4	ALL	R4 Type 4 Wide	(use specific voltage for options as noted)	IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁶
Y14	P5		R4S Type 4 Short	120 ³ 277 ⁵	WBA Wall bracket ¹
Y14S	P6		R5 Type 5 Wide ¹	208 ³ 347 ⁵	WBASC Wall bracket with surface conduit box
Y25			R5S Type 5 Short ¹	240 ³ 480 ⁵	AASP Adjustable tilt arm square pole mounting ⁶
			AFR Automotive Front Row	ALL	AARP Adjustable tilt arm round pole mounting ⁶
			AFRR90 Automotive Front Row Right Rotated		AAWB Adjustable tilt arm with wall bracket ⁶
			AFRL90 Automotive Front Row Left Rotated		AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁶

Options	Finish
<p>Shipped Installed</p> <p>HS House-side shield⁷</p> <p>PE Photocontrol, button style^{8,9}</p> <p>PER7 Seven-wire twist-lock receptacle only (no controls)^{9,10,11}</p> <p>SF Single fuse (120, 277, 347)⁵</p> <p>DF Double fuse (208, 240, 480)⁵</p> <p>SPD20KV 20KV Surge pack (10KV standard)</p> <p>FAO Field adjustable output⁹</p> <p>DMG 0-10V dimming extend out back of housing for external control (control ordered separate)⁹</p> <p>DS Dual switching^{9,12}</p>	<p>DDBXD Dark Bronze</p> <p>DBLXD Black</p> <p>DNAXD Natural Aluminum</p> <p>DWHXD White</p> <p>DBBTXD Textured Dark Bronze</p> <p>DBLBXD Textured Black</p> <p>DNATXD Textured Natural Aluminum</p> <p>DWHGXD Textured White</p>
<p>Shipped Separately (requires some field assembly)</p> <p>EGS External glare shield⁷</p> <p>EGFV External glare full visor (360° around light aperture)⁷</p> <p>BS Bird spikes¹⁷</p>	

Y25 don't need

Ordering Information

Accessories

Ordered and shipped separately.

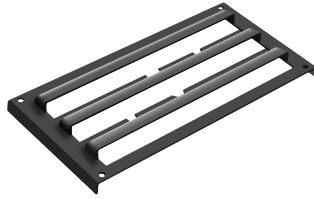
RSX2HS	RSX2 House side shield (includes 2 shields)
RSX2EGS (FINISH) U	External glare shield (specify finish)
RSX2HSAFRR (FINISH) U	RSX2 House side shields for AFR rotated optics (includes 2 shields)
RSX2EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) ¹
RSXSBCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ¹⁸
DLL347F 1.5 CULJU	Photocell -SSL twist-lock (347V) ¹⁸
DLL480F 1.5 CULJU	Photocell -SSL twist-lock (480V) ¹⁸
DSHORT SBK U	Shorting cap ¹⁸

NOTES

- 1 Any Type 5 distribution, is not available with WBA.
- 2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- 4 XVOLT driver not available with P1. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE.
- 5 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 6 Maximum tilt is 90° above horizontal.
- 7 It may be ordered as an accessory.
- 8 Requires MVOLT or 347V.
- 9 Two or more of the following options cannot be combined including PE, DMG, PER7, FAO, DS and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
- 10 Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire 6/Wire 7 capped inside luminaire. Twistlock photocell ordered and shipped

- as a separate line item from Acuity Brands Controls. See accessories Shorting Cap included.
- 11 For units with option PER7, the mounting must be restricted to +/- 4 from horizontal aim per ANSI C136.10-2010.
 - 12 DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P5 and P6.
 - 13 Must be ordered with PIRHN.
 - 14 Requires MVOLT or HVOLT.
 - 15 Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
 - 16 CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
 - 17 Must be ordered with fixture for factory pre-drilling.
 - 18 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield



External Glare Shield

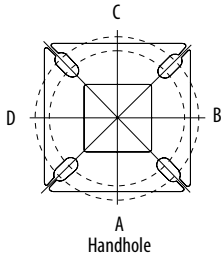


External 360 Full Visor

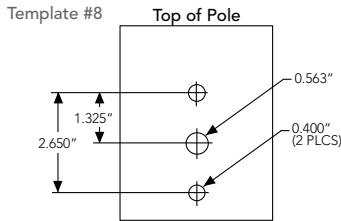
Pole/Mounting Information

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

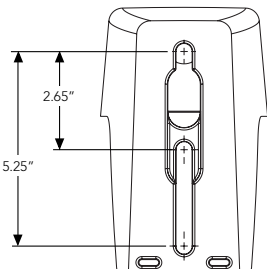
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

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

Drill/Side Location by Configuration Type

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

RSX2 - Luminaire EPA

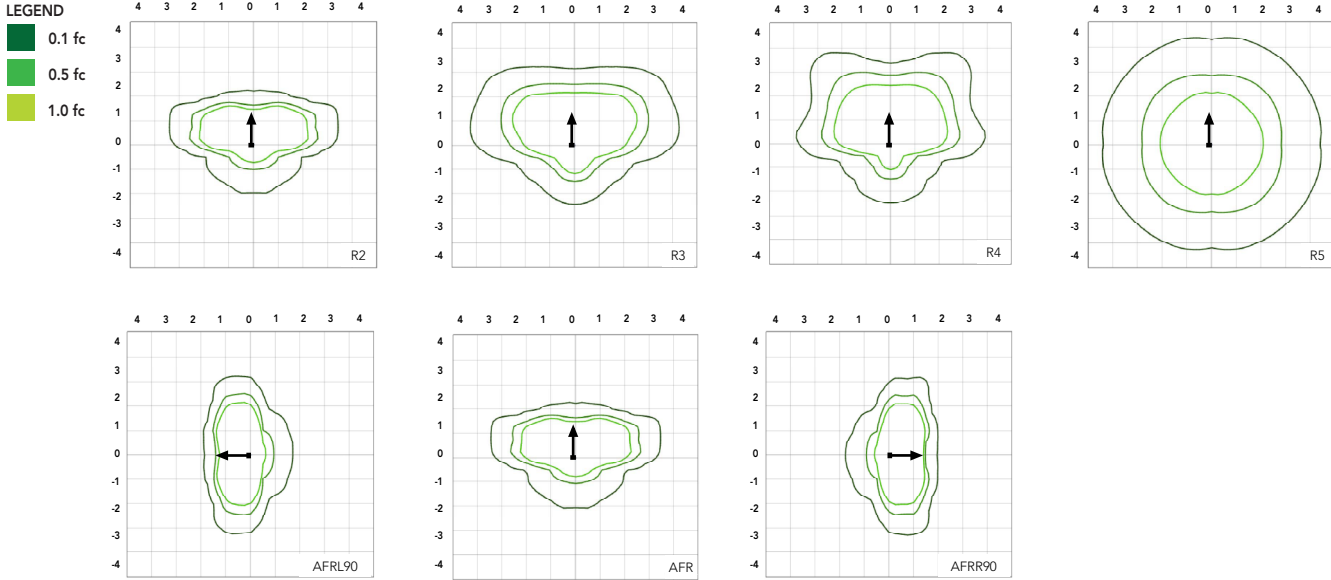
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side	
SPA - Square Pole Adaptor	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74	
RPA - Round Pole Adaptor	0.74	1.27	1.37	1.9	1.71	2.49	1.42	2.16	2.84	
MA - Mast Arm Adaptor	0.61	1.14	1.11	1.64	1.45	2.23	1.29	1.9	2.58	
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74	
	10°	0.53	1.06	1.05	1.58	1.37	2.08	1.06	1.59	2.12
	20°	0.52	1.02	1.03	1.52	1.33	2.02	1.03	1.55	2.07
	30°	0.64	1.11	1.18	1.63	1.45	2.21	1.27	1.91	2.54
	40°	0.81	1.21	1.35	1.74	1.65	2.39	1.62	2.43	3.23
	45°	0.91	1.25	1.5	1.81	1.75	2.48	1.82	2.73	3.64
	50°	1.34	1.83	2.17	2.61	2.56	3.62	2.68	4.02	5.36
	60°	2.2	2.97	3.57	4.24	4.17	5.89	4.41	6.61	8.82
	70°	2.86	4.13	4.7	5.89	5.71	8.21	5.71	8.57	11.42
	80°	3.4	5.13	5.67	7.34	7.09	10.21	6.79	10.19	13.59
	90°	3.85	5.96	6.55	8.58	8.31	11.88	7.70	11.56	15.41

Photometric Diagrams

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

Isofootcandle plots for the 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 lumen output for average ambient temperatures from 0-50°C (32-122°F).

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

Electrical Load

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	71W	0.59	0.34	0.30	0.26	0.20	0.15
P2	111W	0.93	0.53	0.46	0.40	0.32	0.23
P3	147W	1.23	0.70	0.61	0.53	0.42	0.31
P4	187W	1.55	0.90	0.78	0.68	0.53	0.38
P5	210W	1.75	1.01	0.87	0.76	0.60	0.44
P6	244W	2.03	1.17	1.01	0.88	0.70	0.51

Projected LED Lumen Maintenance

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

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



Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R2	10,040	2	0	1	139	11,031	2	0	1	153	11,031	2	0	1	153
		R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R3S	10,271	2	0	2	143	11,285	2	0	2	157	11,285	2	0	2	157
		R4	10,136	2	0	2	143	11,136	2	0	2	157	11,136	2	0	2	157
		R4S	9,779	2	0	2	138	10,744	2	0	2	151	10,744	2	0	2	151
		R5	10,271	4	0	2	145	11,285	4	0	2	159	11,285	4	0	2	159
		R5S	10,544	3	0	1	149	11,585	3	0	2	163	11,585	3	0	2	163
		AFR	10,026	2	0	1	141	11,016	2	0	1	155	11,016	2	0	1	155
		AFRR90	10,122	3	0	2	140	11,121	3	0	2	154	11,121	3	0	2	154
		AFRL90	10,164	3	0	2	141	11,167	3	0	2	155	11,167	3	0	2	155
P2	111W	R2	15,712	2	0	2	138	17,263	2	0	2	151	17,263	2	0	2	151
		R3	15,657	2	0	3	141	17,202	3	0	3	155	17,202	3	0	3	155
		R3S	16,075	2	0	2	141	17,661	2	0	2	155	17,661	2	0	2	155
		R4	15,862	2	0	3	143	17,427	2	0	3	157	17,427	2	0	3	157
		R4S	15,304	2	0	2	138	16,815	2	0	2	151	16,815	2	0	2	151
		R5	16,075	4	0	2	145	17,661	5	0	3	159	17,661	5	0	3	159
		R5S	16,502	4	0	2	149	18,130	4	0	2	163	18,130	4	0	2	163
		AFR	15,691	2	0	2	141	17,240	2	0	2	155	17,240	2	0	2	155
		AFRR90	15,841	3	0	3	139	17,404	4	0	3	153	17,404	4	0	3	153
		AFRL90	15,907	3	0	3	139	17,477	4	0	3	153	17,477	4	0	3	153
P3	147W	R2	19,855	3	0	2	132	21,814	3	0	2	145	21,814	3	0	2	145
		R3	19,785	3	0	3	135	21,737	3	0	4	148	21,737	3	0	4	148
		R3S	20,312	3	0	3	135	22,317	3	0	3	149	22,317	3	0	3	149
		R4	20,044	3	0	3	136	22,022	3	0	4	150	22,022	3	0	4	150
		R4S	19,339	3	0	3	132	21,247	3	0	3	145	21,247	3	0	3	145
		R5	20,313	5	0	3	138	22,317	5	0	3	152	22,317	5	0	3	152
		R5S	20,852	4	0	2	142	22,910	4	0	2	156	22,910	4	0	2	156
		AFR	19,828	3	0	2	135	21,785	3	0	2	148	21,785	3	0	2	148
		AFRR90	20,017	4	0	3	133	21,992	4	0	3	147	21,992	4	0	3	147
		AFRL90	20,101	4	0	3	134	22,084	4	0	3	147	22,084	4	0	3	147
P4	187W	R2	22,836	3	0	2	120	25,090	3	0	2	132	25,090	3	0	2	132
		R3	22,756	3	0	4	122	25,002	3	0	4	134	25,002	3	0	4	134
		R3S	23,363	3	0	3	123	25,668	3	0	3	135	25,668	3	0	3	135
		R4	23,054	3	0	4	123	25,329	3	0	4	135	25,329	3	0	4	135
		R4S	22,243	3	0	3	119	25,059	3	0	3	134	25,059	3	0	3	134
		R5	23,363	5	0	3	125	25,669	5	0	4	137	25,669	5	0	4	137
		R5S	23,983	4	0	2	128	26,350	4	0	2	141	26,350	4	0	2	141
		AFR	22,806	3	0	2	122	25,056	3	0	2	134	25,056	3	0	2	134
		AFRR90	23,023	4	0	3	121	25,295	4	0	3	133	25,295	4	0	3	133
		AFRL90	23,120	4	0	3	122	25,401	4	0	3	134	25,401	4	0	3	134
P5	210W	R2	26,141	3	0	2	122	28,721	3	0	2	135	28,721	3	0	2	135
		R3	26,049	3	0	4	124	28,620	3	0	4	136	28,620	3	0	4	136
		R3S	26,744	3	0	3	125	29,383	3	0	4	138	29,383	3	0	4	138
		R4	26,390	3	0	4	126	28,994	3	0	4	138	28,994	3	0	4	138
		R4S	25,462	3	0	3	121	27,974	3	0	3	133	27,974	3	0	3	133
		R5	26,744	5	0	4	127	29,383	5	0	4	140	29,383	5	0	4	140
		R5S	27,454	4	0	2	131	30,163	4	0	2	144	30,163	4	0	2	144
		AFR	26,106	3	0	2	124	28,682	3	0	2	137	28,682	3	0	2	137
		AFRR90	26,354	4	0	3	123	28,955	5	0	3	136	28,955	5	0	3	136
		AFRL90	26,465	4	0	3	124	29,077	5	0	3	136	29,077	5	0	3	136
P6	244W	R2	27,646	3	0	2	112	30,374	3	0	2	123	30,374	3	0	2	123
		R3	27,549	3	0	4	113	30,267	3	0	4	124	30,267	3	0	4	124
		R3S	28,283	3	0	3	115	31,075	3	0	4	126	31,075	3	0	4	126
		R4	27,909	3	0	4	114	30,663	3	0	4	126	30,663	3	0	4	126
		R4S	26,928	3	0	3	110	29,585	3	0	3	121	29,585	3	0	3	121
		R5	28,284	5	0	4	116	31,075	5	0	4	127	31,075	5	0	4	127
		R5S	29,035	4	0	2	119	31,900	5	0	3	131	31,900	5	0	3	131
		AFR	27,608	3	0	2	112	30,332	3	0	2	123	30,332	3	0	2	123
		AFRR90	27,872	4	0	3	113	30,622	5	0	3	124	30,622	5	0	3	124
		AFRL90	27,989	4	0	3	113	30,751	5	0	3	125	30,751	5	0	3	125

Attachment: Antigo New Elem Exterior Fixture Cutsheets (7488 : Review and Approve Site Plan for the Unified School District of Antigo's

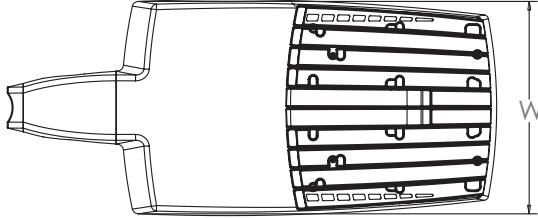


Dimensions & Weights

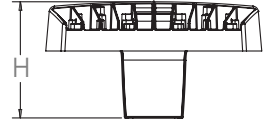
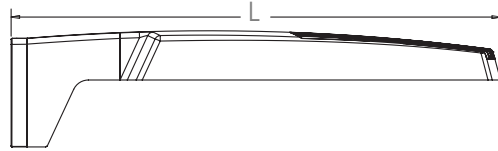
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	30 lbs
RPA	32 lbs
MA	30 lbs
WBA	33 lbs
WBASC	36 lbs
IS	33 lbs
AASP	33 lbs
AARP	35 lbs
AAWB	36 lbs
AAWSC	39 lbs

RSX2 with Round Pole Adapter (RPA)



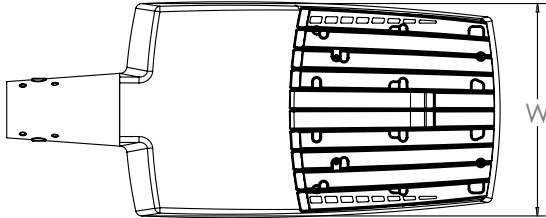
Length: 30.3" (77.0 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.3 cm) Arm



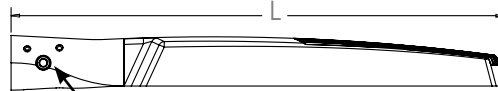
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX2 with Mast Arm Adapter (MA)

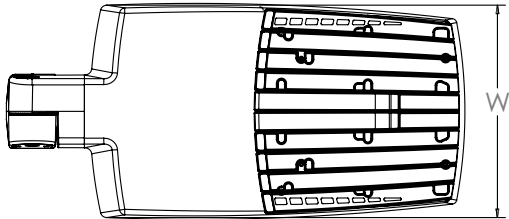


Length: 30.6" (77.7 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.5" (8.9 cm) Arm

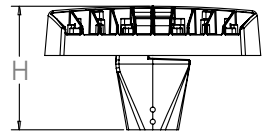
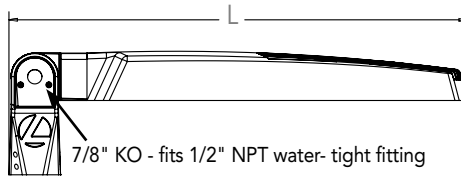


7/16" locking thru bolt/nut provided

RSX2 with Adjustable Slipfitter (IS)



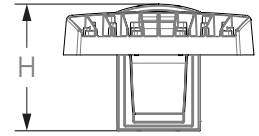
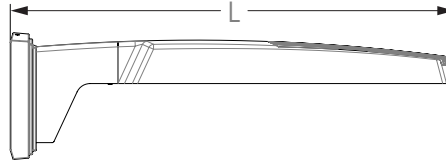
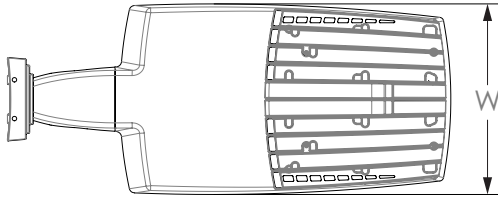
Length: 28.3" (71.9 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm



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

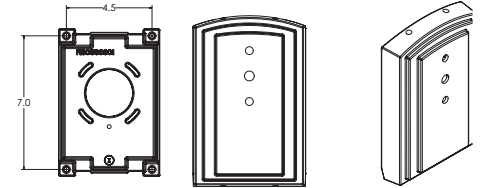
Dimensions

RSX2 with Wall Bracket (WBA)

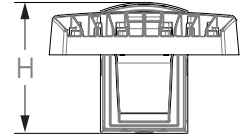
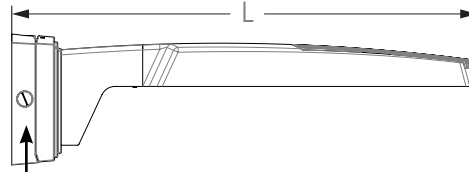
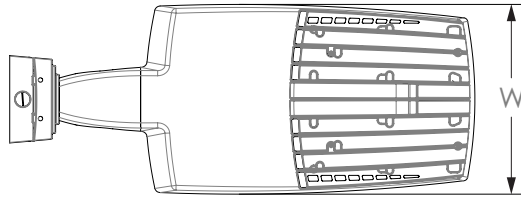


Length: 31.2" (79.2 cm)
 Width: 13.4" (41.7 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



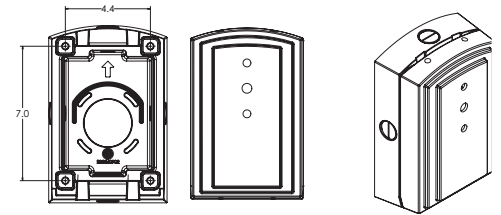
RSX2 with Wall Bracket with Surface Conduit Box (WBASC)



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

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

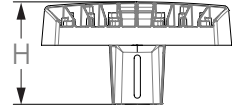
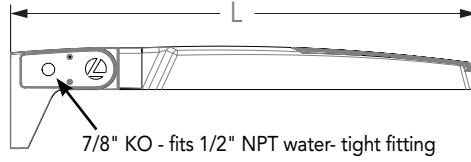
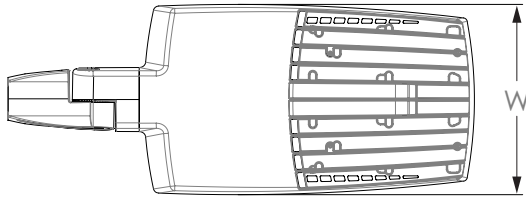
Surface Conduit Box (SCB) Mounting Detail



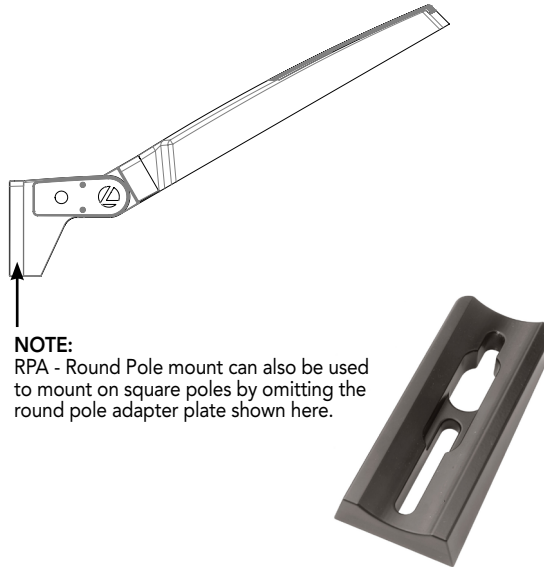
Attachment: Antigo New Elem Exterior Fixture Cutsheets (7488 : Review and Approve Site Plan for the Unified School District of Antigo's

Dimensions

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



Length: 32.8" (83.3 cm) **AASP**
 33.8" (85.9 cm) **AARP**
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.2 cm) Arm

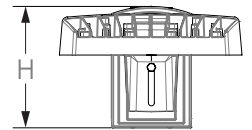
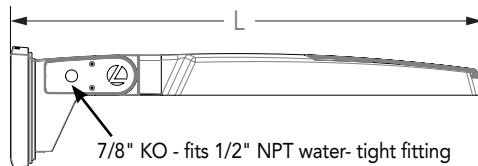
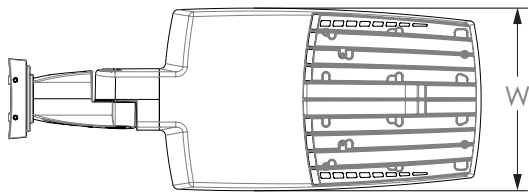


NOTE:
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

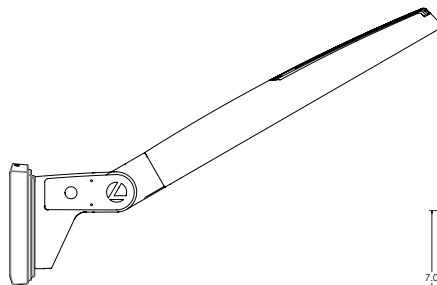
Notes

AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.
 AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

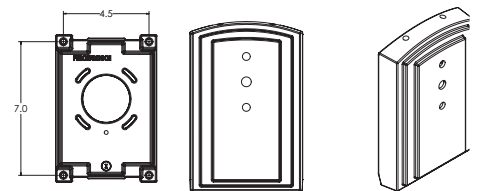
RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)



Length: 34.7" (88.0 cm)
 Width: 13.4" (34.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

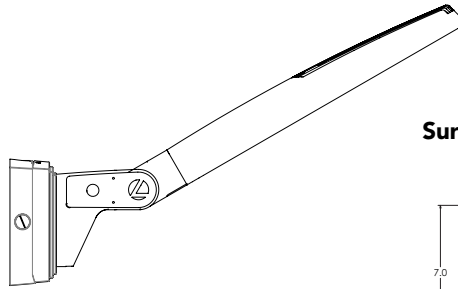
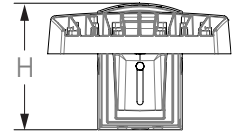
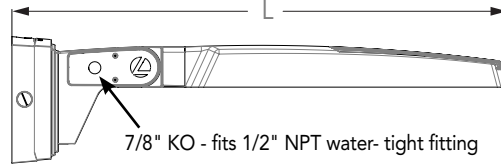
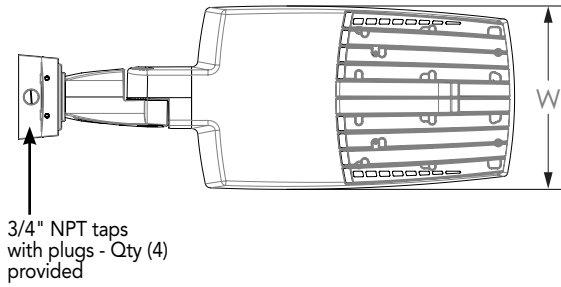


Wall Bracket (WBA) Mounting Detail



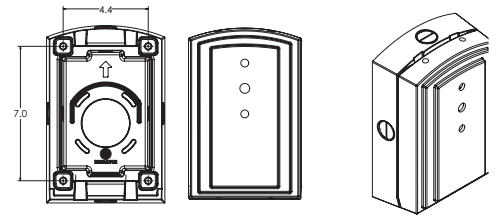
Dimensions

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

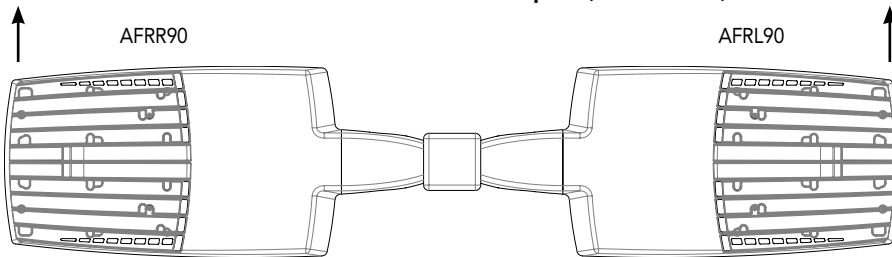


Length: 36.2" (91.9 cm)
 Width: 13.4" (40.0 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail



Automotive Front Row - Rotated Optics (AFRL90/R90)

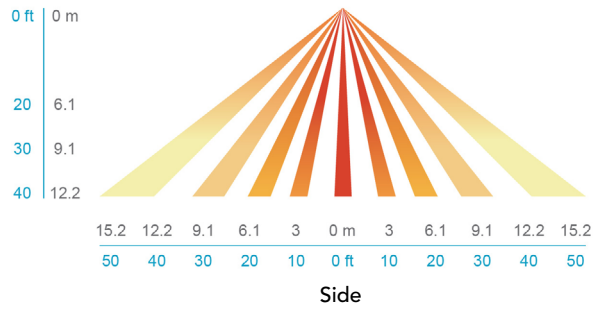
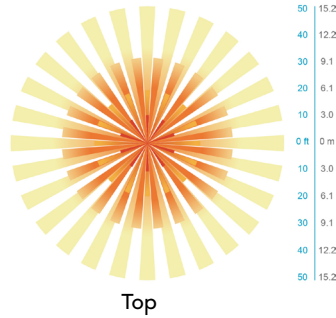
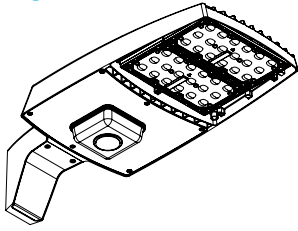


(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

Attachment: Antigo New Elem Exterior Fixture Cutsheets (7488 : Review and Approve Site Plan for the Unified School District of Antigo's

nLight Control - Sensor Coverage and Settings

NLTAIR2 PIRHN nLight Sensor Coverage Pattern nLight PIRHN



Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is tilted.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX2 delivers 11,000 to 31,000 lumens and is ideal for replacing 250W to 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION AND DESIGN

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

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row) and AFR rotated AFRR90 and ARFL90.

COASTAL CONSTRUCTION (CCE)

Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times apply.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

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

nLIGHT AIR CONTROLS

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

INSTALLATION

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

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all product 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 procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american 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:

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

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

