SITE PLAN APPLICATION

Town of Clayton Town Hall
8348 Hickory Ave
Larsen, WI 54947
Phone: 920-836-2007
Email: administrator@claytonwinnebagowi.gov
Website: https://www.townofclayton.net/

Office Use Only
Date: ____/____/20____
Paid: $ _____
□Check □Cash □Credit/Debit Card
By: Please make checks payable to: TOWN OF CLAYTON
Receipt #: _____

SUBMITTAL FEES & REQUIREMENTS

Site Plans:	·Meets the requirements of the Town's Zoning Code (Pages 94-97 & 224-225) ·Meets the requirements of the Town's Subdivision Ordinance (can be found on the Town's website) ·Submit 1 Hard Copy with application **and** email an 11 x 17 copy
Fees:	**See Town Fee Schedule**
Plan of Operation:	·Letter describing the business

PROPERTY INFORMATION

Parcel ID / Tax Key No.: 006-_004202_____ | Current Zoning General Agriculture

Site Address / Location: 3411 Winnegamie Drive, Neenah WI 54956

Current Land Use: Residential | Proposed Land Use: Residential

Lot Size/Total Acreage: 17.92 | Project Schedule: Summer 2026-Winter 2027

APPLICANT

Name: Brad Werner
Street Address: 1445 McMahon Drive
City Neenah State WI Zip Code 54956
Phone (920) 751-4200
E-mail BWerner@mcmgrp.com

PROPERTY OWNER (IF NOT THE SAME)

Name: Chris & Brittany Voigt
Street Address: 3411 Winnegamie Drive
City Neenah State WI Zip Code 54956
Phone (920) 470-4824
E-mail brittany@c21ace.com chris@c21ace.com

BUILDER

Name
Street Address
City _____ State ____ Zip Code _____
Phone
E-mail

ENGINEER

Name: Brad Werner
Street Address: 1445 McMahon Drive
City Neenah State WI Zip Code 54956
Phone (920) 751-4200
E-mail BWerner@mcmgrp.com

SURVEYOR

Name
Street Address
City _____ State ____ Zip Code _____
Phone
E-mail

Office Use Only
Newspaper Publication Dates: _____ & _____
Posting Date: _____
300ft Neighborhood Notice Completed On: _____
Re-Zoning is: □Approved □Denied
Comments: _____

APPLICANT ACKNOWLEDGEMENT & SIGNATURE

By the execution of this application, applicant hereby authorizes the Town of Clayton or its agents to enter upon the property during the hours of 7:00 AM to 7:00 PM daily for the purpose of inspection. Applicant grants the Town of Clayton or its agents even if applicant has posted this land against trespassing pursuant to Sec. 943.13 Wis. Stats.

B Werner — Signature

4-13-26 — Today's Date

VOID FEATURE PANTOGRAPH

McMAHON
ENGINEERS ARCHITECTS

[redacted]

[redacted]

CHECK DATE

April 13, 2026

[redacted]

AMOUNT

[redacted]

TO Town of Clayton
8348 HICKORY AVENUE
LARSEN, WI 54947

VOID AFTER 90 DAYS

[redacted]

MP

WATERMARK IN PAPER – HOLD TO LIGHT TO VIEW

[redacted]

McMAHON • Neenah, WI 54957-1025

Check Date: 4/13/2026

Invoice Number	Date	Voucher	Amount	Discounts	Previous Pay	Net Amount
041326	4/13/2026	00220643	[redacted]			[redacted]
Town of Clayton [redacted]		TOTAL				

Check Date: 4/13/2026

McMAHON
ENGINEERS ARCHITECTS

April 13, 2026

Town of Clayton
Attn: Kelly Wisnefske, Administrator
8348 Hickory Avenue
Larsen, WI 54947

Re: Legacy Rose Farms Site Plan
Alternative Compliance To Town of Clayton Zoning Ordinance
McM. No. L0905-09-25-00507

Dear Kelly,

The following packet contains the Legacy Rose Farms Plans and supplemental information. This letter depicts the sections of the Town of Clayton's Zoning Code in which we are asking for an alternative compliance acceptance.

Town of Clayton Zoning Code of Ordinance:

Chapter 9 -Town of Clayton Zoning Code of Ordinances – Attachment E Landscape Design Standards
Section C. Design Standards:
Code in which alternative compliance is requested:

"(a) Buffer Yard Landscaping. Buffer yard landscaping shall be provided as required below to afford protection for existing and future residential uses from glare of lights, visual encroachment, and the transmission of noise.

1) Buffer yard landscaping shall be provided along the full length of a common lot line of any commercial, institutional, industrial, or multi-family (3+ units) use that shares a common side or rear yard lot line with a property that:

a) Is located in the Rural Residential (R-1), Suburban Residential (R-2) or Two-Family Residential (R-3) District;

b) Contains a Single-Family Dwelling, Twin Home or Two-Family Building use; or

c) Is designated in the Town Comprehensive Plan for future single and/or two-family residential purposes"

Alternative Compliance:
Legacy Rose Farms is currently zoned General Agriculture. With the addition of a commercial barn, the property will be required to comply with the commercial landscaping standards outlined in the Town of Clayton's Municipal Zoning Code. Under these requirements, full-length screening must be provided along all shared lot lines adjacent to R-1 and R-2 residential districts, as well as any parcels containing single-family dwellings.

Legacy Rose Farms is bordered on its east, south, and southwest sides by parcels zoned R-1 and R-2. These boundaries are already screened by existing mature landscape buffers, which effectively mitigate visual impacts to neighboring properties. A GIS site map of the farm is included for reference, along with photographs documenting the current screening conditions.

To the west of Legacy Rose Farms lies a parcel zoned General Agricultural that contains a single-family residence similar in character to the dwelling on the Legacy Rose property. This adjacent parcel also includes a large rear field that remains available for agricultural use.

Full screening cannot be provided along the west and north property boundaries shared with this parcel due to existing soil limitations and the presence of shallow bedrock. Previous construction activities on the Legacy Rose Farms site required extensive rock removal and blasting, as bedrock is located approximately 3 feet below the ground surface. A boring completed by ECS Midwest LLC last July, included in the supplemental materials, confirmed the depth and extent of this bedrock.

Because of these geologic constraints, natural screening methods—such as trees or shrubs—would be unable to establish adequate root systems to grow and function effectively as required by the ordinance. Similarly, artificial screening options, including opaque fencing, are not feasible. Installation would require significant rock excavation, resulting in impractical and disproportionate cost impacts.

Although neither natural nor constructed screening is viable along this portion of the property, the existing topography provides meaningful visual buffering. A natural elevation change and a small berm created during the construction of a large drainage swale help screen views toward the proposed barn. A photograph illustrating these existing site conditions is included.

In addition to the shallow bedrock that prevents the establishment of screening vegetation and makes artificial screening infeasible, Legacy Rose Farms would also like to note that the neighboring parcel currently utilizes its General Agricultural–zoned field as a commercial parking area each fall without any screening in place. During the fall season, the neighboring property permits patrons of the Winnegamie Golf Course to park in their rear field while cross-country sporting events are held. This activity is conducted under a contractual agreement with the golf course.

Legacy Rose Farms is not attempting to raise concerns regarding the neighboring property's operations; rather, this information is being provided to the Board for context. Despite functioning as a temporary commercial parking area during these events, the neighboring parcel is not required to provide screening from the Legacy Rose Farms residence when these parking activities occur.

With the combined constraints of shallow bedrock—which prevents the establishment of screening vegetation—and the neighboring parcel's seasonal use of its field as an unscreened commercial parking area, Legacy Rose Farms respectfully requests that alternative compliance be granted along these two property lines. This approval would allow for partial screening of the new commercial barn while acknowledging the site limitations and surrounding land use conditions.

Town of Clayton Zoning Code of Ordinance:
Chapter 9 -Town of Clayton Zoning Code of Ordinances – Attachment E Landscape Design Standards
Section C. Design Standards:
Code in which alternative compliance is requested:
" 1) Grounds Landscaping

a) A minimum of 20 landscape points consisting of deciduous and evergreen trees shall be provided on a prorated basis for every 4,500 square feet of impervious surface.
2. For commercial, institutional and multi-family (3+ units) development:
a. Low deciduous trees shall not make up more that 50 percent (50%) of the total number of trees.

2) Building Landscaping

b) Tier 2 Building Landscaping
1. 100% of the building side(s) facing the public right-of-ways shall be landscaped with a variety of appropriate plant materials in a wood mulch or stone landscaping bed which is a minimum of 6' wide measured from the building façade and continuing around the corners of adjacent sides for a minimum distance equals to 25% of the length of the entire side walls."

Alternative Compliance:
Legacy Rose Farms is zoned General Agriculture and is not a developed or commercially zoned property. The intended use of the site is limited to equestrian training within the barn and stables. In addition, the rear farm field is actively used for agricultural production which is consistent with the property's zoning designation. Requiring the parcel to install grounds landscaping would directly interfere with these ongoing agricultural operations and would hinder the farm's ability to function as intended.

Beyond the operational constraints, introducing additional landscaping near the barns and stables presents safety concerns. Horses can become easily spooked by unfamiliar vegetation, movement, or obstructions, increasing the risk of injury to the animals, staff, and visiting clients. These risks make additional plantings inappropriate and unsafe in proximity to equestrian facilities.

For these reasons—including the property's agricultural zoning, the negative impacts on farm operations, and the potential safety hazards associated with additional landscaping—Legacy Rose Farms respectfully requests approval of alternative landscaping compliance.

The property also includes a single-family residence along its frontage on Winnegamie Drive. This home façade is the only building face visible from the public right-of-way. Photographs provided in the supplemental materials demonstrate that established residential landscaping already exists along this frontage. Given the presence of this existing landscaping and the fact that the parcel is not commercially zoned, Legacy Rose Farms respectfully requests alternative compliance for frontage landscaping requirements.

Town of Clayton Zoning Code of Ordinance:
Chapter 9 -Town of Clayton Zoning Code of Ordinances – Article 8 – Land Use
Section 9.08-210 Exterior Lighting:
Code in which alternative compliance is requested:
"(b) Exterior lighting, whether freestanding or mounted on a building or structure, shall be:
(1) Certified by the International Dark-Sky Association (IDA) as dark sky compliant; documentation shall be provided to verify certification."

Alternative Compliance:
Legacy Rose Farms has submitted supplemental documentation for the exterior lighting proposed for the new commercial barn, as well as the lighting currently installed on the existing barn, which is also planned for conversion to a commercial use. Of the three total fixtures, two are not formally certified by the International Dark-Sky Association (IDA). These fixtures include the existing Ledvance (Sylvania Lighting) can lights and the proposed Acuity Brands can lights.

Although these fixtures do not carry an IDA certification, they meet all applicable technical requirements outlined in the *DarkSky Approved Luminaires Program, Version 3.1*. Section 2.2 establishes performance standards related to uplight, high-angle light, color temperature, shielding, and dimming. Both the existing Ledvance fixtures and the proposed Acuity Brands fixtures comply with these criteria and therefore satisfy the ordinance intent despite the absence of an IDA-issued certification

Section 2.2 of the DarkSky Approved Luminares Program Version 3.1 states,

"A. Uplight: The following are maximum percentages of total luminaire lumens, or maximum lumen amounts, allowed between 90 and 180 degrees above nadir, inclusive (i.e., LCS zones UL and UH combined):

1. Luminaries emitting 1,000 lumens or less: A maximum of 5 lumens total is allowed.
2. Luminaires emitting more than 1,000 lumens: No more than 0.5% of total luminaire lumen output is allowed, up to a maximum of 50 lumens.

B. High angle light: For Luminaries whose lowest light emitting surface is more than 1.2 meters (4 feet) above the ground the following maximum percentages of total luminaire lumens are allowed between 80 degrees and 90 degrees from nadir (i.e., LCS zones FVH and BVH combined):

1. Luminares with a Type V or Type VS light distribution (see section 1.3.F and 1.3.G respectively): No more than 5% of the total luminaire lumen output is allowed.
2. Luminaires with all other distribution types: No more than 3% of luminaire's total lumen output is allowed.

C. Shielding options: For pole mounted street, area, roadway, and parking lot luminaires a pre- or post-installation shielding option must be available and included in the product data sheet.

D. CCT: The light source CCT shall not exceed nominal 3000 K.

E. Dimming: The luminaire shall be dimmable to 10% or less of its full light output rating."

Both the existing Ledvance fixtures and the proposed Acuity Brands can lights meet the technical requirements for Dark Sky compliance. Each fixture emits fewer than 1,000 lumens—approximately 800 lumens for the Ledvance lights and 891 lumens for the Acuity Brands lights. Because these fixtures are recessed can lights installed beneath the barn's overhang, their mounting configuration and orientation prevent any light emission between 80 and 90 degrees from nadir. Additionally, neither fixture is pole-mounted and therefore shielding provisions are not applicable.

Both lighting models include adjustable color temperature settings, and each will be configured to operate at a 3000-K color temperature to meet ordinance requirements. The existing Ledvance fixtures are already equipped with dimmers, and dimming capability will be provided for all new Acuity Brands fixtures as well.

Given the fixtures' compliance with Section 2.2 of the DarkSky guidelines, Legacy Rose Farms respectfully requests alternative approval for these two can-light models.

Town of Clayton Zoning Code of Ordinance:
Chapter 9 -Town of Clayton Zoning Code of Ordinances – Attachment E Landscape Design Standards
Section C. Design Standards:
Code in which alternative compliance is requested:
" (b) Parking Lot Landscaping
1.a) Parking spaces must be separated by a planting island or peninsula at the rate of one island/peninsula for each row of twelve (12) consecutive parking spaces for a single row configuration…"

Alternative Compliance:
Legacy Rose Farms serves many clients with special needs, including individuals who utilize wheelchairs. To ensure safe and efficient access to the new barn, the facility does not intend to install a landscape island between the 14 parking stalls along the east side of the building. Maintaining a clear, unobstructed paved area allows clients and staff to access the barn safely from any parking space.

As noted previously, this parcel is not a commercially zoned property, and therefore the application of full commercial landscaping standards is not practical or appropriate. Additionally, the installation of a landscape island would interfere with essential operational activities, including winter plowing and snow removal.

To offset the absence of a parking-lot island and to enhance the appearance of the barn frontage, Legacy Rose Farms proposes installing a 5-foot landscaping bed along the east side of the building. This improvement will beautify the primary entrance area and help address the intent of the parking-lot landscaping requirement. The existing natural tree line to the east, along with the building itself on the west, already provides effective visual screening of the parking area from the adjacent property.

For these reasons, and in conjunction with the additional building-side landscaping being proposed, Legacy Rose Farms respectfully requests alternative compliance from the parking-lot landscaping requirement. See plan sheet 08 and site photos.

Town of Clayton Zoning Code of Ordinance:
Chapter 9 -Town of Clayton Zoning Code of Ordinances – Article 12 – Signs
Section 9.12-13 General sign standards by type of sign:
Code in which alternative compliance is requested:
"(b) Free-standing sign. A free-standing sign shall comply with each of the following:

(2) No part of a sign may be closer than 10 feet to the front property boundary line or within the side yard or rear yard setback established for the zoning district in which the sign is located."

Alternative Compliance:
Legacy Rose Farms has an existing farm sign located along Winnegamie Drive, positioned just west of the driveway entrance. The sign is installed approximately 6.5 feet from the road right-of-way (center of sign to ROW line), which does not meet the required 10-foot front yard setback. Legacy Rose Farms is requesting alternative compliance due to significant visibility limitations caused by the dense tree line within the public right-of-way east of the driveway. This vegetation obstructs drivers' views of the driveway and the sign, making it easy for visitors—both new and returning—to miss the entrance.

When drivers fail to see the driveway in time, they may brake abruptly to turn, creating a potential traffic hazard. If they pass the entrance, finding a safe location to turn around becomes challenging, particularly for vehicles hauling horse trailers. The nearest practical turnaround location is the Winnegamie Golf Course parking lot; however, increased use of this facility by large vehicles could negatively impact golf course operations and patrons and it is not a legal turn-around.

Due to these safety considerations and the limited sight distance from the roadway to the property entrance, Legacy Rose Farms respectfully requests approval of alternative compliance for the existing sign placement. Included below are photographs illustrating the visibility obstruction caused by the tree line, as well as images of the sign and its surrounding landscape.

Town of Clayton Zoning Code of Ordinance:
Chapter 9 -Town of Clayton Zoning Code of Ordinances – Article 8-Land Use
Section 9.08-315 Commercial Stable:
"(b) Review parameters. As part of the review of the site plan and operation plan, the handling and disposal of animal waste generated by this use shall be addressed along with required setbacks from adjoining properties and the maximum number livestock that may be kept on the premise."

Comment:
Legacy Rose Farms is in the process of obtaining a new waste management permit for the new commercial barn. The status of the permit is in review with the county as the county will not issue a waste management permit until a stormwater permit is issued. Negotiations with the county are ongoing to obtain the stormwater permit. Once the permit is issued by the county, Legacy Rose Farms will present the waste management permit and operation plan to the Town of Clayton for approval. Legacy Rose Farms asks for conditional approval of this ordinance and will provide the necessary information as soon as it is obtained.

If you have any questions please give me a call.

Respectfully,

McMahon Associates, Inc.

Brad D. Werner, P.E.
Vice President / Sr Municipal Engineer

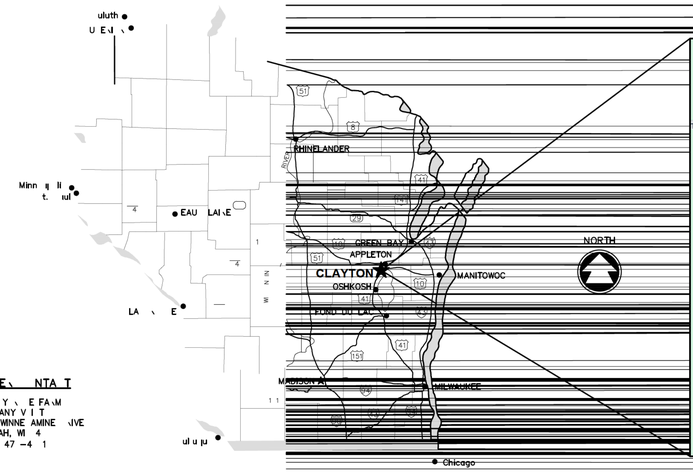
BDW:car

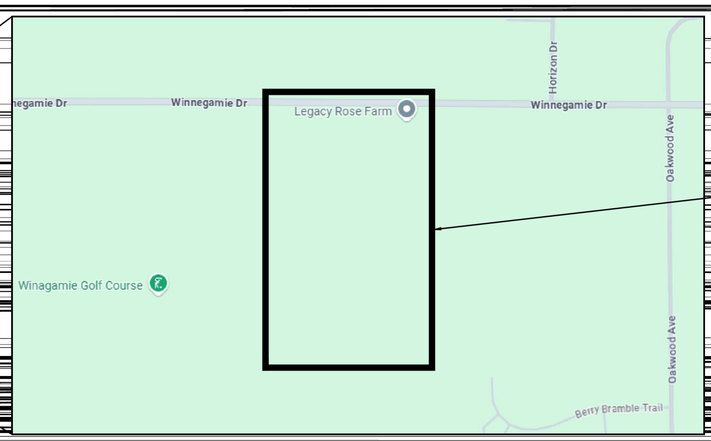
Enclosures

cc: Legacy Rose Farms Submission Packet

NEW EQUESTRIAN BUILDING: LEGACY ROSE FARM
TOWN OF CLAYTON

WINNEBAGO COUNTY, WISCONSIN
MCM # L0905-09-25-00507





PROJECT LOCATION:
3411 WINNEGAMIE DR.
NEENAH, WI 54956

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DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

SHEET INDEX

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08 LANDSCAPE PLAN

McMAHON
ENGINEERS \ ARCHITECTS
McMAHON ASSOCIATES, INC.
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957-1025
PH 920.751.4200 FX 920.751.4284 MCMGRP.COM

DATE
APRIL 13, 2026
PROJECT NO.
L0905-09-25-00507

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STANDARD SYMBOLS (PLAN VIEW ONLY)

2" IRON PIPE FOUND	TELEPHONE CABLE – BURIED
1 1/4" REBAR FOUND	ELECTRIC CABLE – BURIED
1 1/4" x 30" IRON REBAR WEIGHING 4.30 LB/LF SET	UTILITIES – OVERHEAD
1" (1.315 OD) IRON PIPE FOUND	FIBER OPTIC CABLE – BURIED
1" IRON PIPE SET	GAS MAIN
3/4" IRON REBAR FOUND	CABLE TELEVISION – BURIED
3/4" IRON PIPE FOUND	DITCH LINE
3/4"x 24" IRON REBAR WEIGHING 1.5 LB/LF SET	STREET C/L OR R/L
MAG NAIL FOUND	PROPERTY LINE
MAG NAIL SET	RIGHT OF WAY LINE
MAG SPIKE FOUND	SECTION LINE
MAG SPIKE SET	EXISTING CONTOURS
CHISEL CROSS FOUND	PROPOSED CONTOURS
CHISEL CROSS SET	EXISTING RAINFOWATER SEWER
COUNTY MONUMENT	EXISTING SANITARY SEWER
CONCRETE MONUMENT FOUND	PROPOSED SANITARY SEWER
CONCRETE SPIKE FOUND/SET	EXISTING WATER MAIN
CONTROL POINT/VERTICAL	PROPOSED WATER MAIN
SOIL BORING or MONITORING WELL	EXISTING STORM SEWER
POWER POLE	PROPOSED STORM SEWER
POWER POLE W/GUY WIRE	EXISTING CURB & GUTTER
TELEPHONE OR TELEVISION PEDESTAL	PROPOSED CURB & GUTTER
MAILBOX	PROPOSED REVERSE CURB & GUTTER
SIGN	EXISTING CULVERT WITH END SECTIONS
RAILROAD CROSS BUCK	PROPOSED CULVERT WITH END SECTIONS
RAILROAD GATE ARM	BUILDING OUTLINE
RAILROAD TRACKS	FENCE LINE
LIGHT POLE	RAW BOX AREAS
WOOD POLE	SILT FENCE
TRAFFIC SIGNAL	GUARD RAIL
TRAFFIC SIGNAL MAST ARM	DITCH CHECK
CONIFEROUS TREE	INLET PROTECTION
DECIDUOUS TREE	TRACKING PAD
TREE OR BRUSH LINE	TURBIDITY BARRIER OR SHEET PILING
REF ROCK OR PROPLE MONU	SANDBAG CONTAINMENT
HANDICAPPED PARKING STALL	SLOPE INTERCEPT
EXISTING SPOT ELEVATION	LIMITS OF DISTURBANCE

	EXISTING	PROPOSED	
758.00	PROPOSED SPOT ELEVATION		
<-->	DRAINAGE HIGH POINT		ASPHALT PAVEMENT
--->	DRAINAGE DIRECTION		
○	EXISTING MANHOLE		CONCRETE SIDEWALK/DRIVEWAY
●	PROPOSED MANHOLE		
▦	EXISTING INLET		GRAVEL
■	PROPOSED INLET		
⊕	EXISTING YARD DRAIN		RIP-RAP (SIZE AS SPECIFIED)
⊕	PROPOSED YARD DRAIN		
CO	EXISTING CLEAN-OUT		EROSION MAT
CO	PROPOSED CLEAN-OUT		
	EXISTING DOWNSPOUT		TURF REINFORCEMENT MAT (TRM)
▣	PROPOSED DOWNSPOUT		
⊠	EXISTING WATER VALVE		
Φ	PROPOSED WATER VALVE		
	EXISTING CURB STOP		
○	PROPOSED CURB STOP		
	EXISTING FIRE HYDRANT		
	PROPOSED FIRE HYDRANT		
⊕	PROPOSED WATER FITTING		
▶	PROPOSED WATER REDUCER		
⊏	PROPOSED ENDCAP		
⊕	GAS VALVE		

EROSION & SEDIMENT CONTROL PLAN

BEST MANAGEMENT PRACTICES:

THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES (DNR) TECHNICAL STANDARDS. THESE STANDARDS MAY BE FOUND ON THE DNR WEBSITE AT http://www.dnr.wi.gov/runoff/stormwater/techstds.htm. RECEIVE SHALL BE IN ACCORDANCE WITH SECTION 606, WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, UNTIL TECHNICAL STANDARD 1063 IS COMPLETED BY THE DNR. THE MINIMUM BEST MANAGEMENT PRACTICES SPECIFIED FOR THIS PROJECT ARE AS FOLLOWS:

[ ] LAND APPLICATION OF POLYACRYLAMIDE (1051)	[ ] TIE-WATERING (1061)
[ ] WATER APPLICATION OF POLYMERS (1051)	[X] DITCH CHECK (1062)
[ ] NON-SYNTHETIC EROSION MAT (1053)	[ ] SEDIMENT TRAP (1063)
[ ] CHANNEL EROSION MAT (1053)	[ ] SEDIMENT BASIN (1064)
[ ] VEGETATIVE BUFFER (1054)	[X] INLET PROTECTION (1065)
[ ] SEDIMENT BALE BARRIER (1055)	[ ] CONSTRUCTION DIVERSION (1066)
[X] SILT FENCE (1056)	[ ] GRADING PRACTICES (1067)
[X] TRACKING PAD OR TIRE WASHING (1057)	[X] DUST CONTROL (1068)
[X] MULCHING (1058)	[ ] TURBIDITY BARRIER (1069)
[X] SEEDING (1059)	[ ] SOIL STABILIZER (1070)
[ ] STORM DRAIN INLET PROTECTION (1060)	[ ] MANUFACTURED PERIMETER PRODUCTS (1071)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES AND IMPLEMENT BEST MANAGEMENT PRACTICES TO PREVENT OR REDUCE ALL OF THE FOLLOWING:

A. DEPOSITION OR TRACKING OF SOIL ONTO STREETS BY VEHICLES.

B. DISCHARGE OF SEDIMENT INTO STORM WATER INLETS.

C. DISCHARGE OF SEDIMENT INTO ADJACENT STREAMS, RIVERS, LAKES AND WETLANDS.

D. DISCHARGE OF SEDIMENT FROM DITCHES AND STORM SEWERS THAT FLOW OFFSITE.

E. DISCHARGE OF SEDIMENT FROM DEWATERING ACTIVITIES.

F. DISCHARGE OF SEDIMENT FROM SOIL STOCKPILES EXISTING FOR 7 DAYS OR MORE.

G. DISCHARGE OF SEDIMENT FROM EROSIVE OUTLET FLOWS.

H. TRANSPORT OF CHEMICALS, CEMENT AND BUILDING MATERIALS BY RUNOFF.

I. TRANSPORT OF UNTREATED VEHICLE AND WHEEL WASH WATER BY RUNOFF.

THE CONTRACTOR SHALL IMPLEMENT THE FOLLOWING PREVENTATIVE MEASURES:

A. PRESERVE EXISTING VEGETATION WHENEVER POSSIBLE.

B. MINIMIZE SOIL COMPACTION AND PRESERVE TOPSOIL.

C. MINIMIZE LAND DISTURBANCES ON SLOPES OF 20% OR MORE.

D. MINIMIZE THE AMOUNT OF SOIL EXPOSED AT ANY ONE TIME.

E. DIVERT CLEAN WATER AWAY FROM EXPOSED SOILS.

F. TEMPORARILY STABILIZE EXPOSED SOILS THAT WILL NOT BE ACTIVE FOR 14 DAYS OR MORE. USE MULCHING, SEEDING, POLYACRYLAMIDE OR GRAVELING TO STABILIZE.

G. PERMANENTLY STABILIZE EXPOSED SOILS AS SOON AS POSSIBLE.

H. CONTRACTOR SHALL EDUCATE ITS EMPLOYEES AND SUBCONTRACTORS ABOUT PROPER SPILL PREVENTION AND RESPONSE PROCEDURES. IF A SPILL OCCURS, THE CONTRACTOR SHALL EVACUATE THE AREA AND IMMEDIATELY NOTIFY THE LOCAL MUNICIPALITY, FIRE DEPARTMENT OR 911 EMERGENCY SYSTEM. IF NO FIRE, EXPLOSION OR LIFE / HEALTH SAFETY HAZARD EXISTS, THE NEXT STEP IS TO CONTAIN THE SPILL AND PERFORM CLEANUP. USE DRY CLEANUP METHODS, NOT WET.

THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING BEST MANAGEMENT PRACTICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES BY THE END OF THE WORK DAY. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING BEST MANAGEMENT PRACTICES TEMPORARILY REMOVED FOR CONSTRUCTION ACTIVITY AS SOON AS THOSE ACTIVITIES ARE COMPLETED. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND DISPOSING OF TEMPORARY BEST MANAGEMENT PRACTICES AFTER CONSTRUCTION IS COMPLETE AND PERMANENT VEGETATION IS ESTABLISHED.

INSPECTION & MAINTENANCE:

THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING BEST MANAGEMENT PRACTICES WEEKLY AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. WRITTEN DOCUMENTATION OF EACH INSPECTION SHALL BE KEPT AT THE CONSTRUCTION SITE AND SHALL INCLUDE THE FOLLOWING INFORMATION: DATE, TIME, AND LOCATION OF INSPECTION; NAME OF INDIVIDUAL WHO PERFORMED THE INSPECTION; AN ASSESSMENT OF THE CONDITION OF BEST MANAGEMENT PRACTICES; A DESCRIPTION OF ANY BEST MANAGEMENT PRACTICE IMPLEMENTATION AND MAINTENANCE PERFORMED; AND A DESCRIPTION OF THE PRESENT PHASE OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, REPAIRING, OR REPLACING BEST MANAGEMENT PRACTICES AS NECESSARY WITHIN 24 HOURS OF AN INSPECTION OR NOTIFICATION. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING, MAINTAINING, REPAIRING OR REPLACING BEST MANAGEMENT PRACTICES UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY IS COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER IS ESTABLISHED WITH A DENSITY OF AT LEAST 70%.

THE CONTRACTOR IS RESPONSIBLE FOR POSTING THE PERMIT IN A CONSPICUOUS LOCATION ON THE CONSTRUCTION SITE. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING A COPY OF THE APPROVED REPORTS, PLANS, AMENDMENTS, INSPECTION REPORTS, AND PERMITS AT THE CONSTRUCTION SITE AT ALL TIMES UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY IS COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER IS ESTABLISHED WITH A DENSITY OF AT LEAST 70%. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE OWNER WHEN THE VEGETATIVE DENSITY REACHES AT LEAST 70%. THE OWNER IS RESPONSIBLE FOR TERMINATING DNR PERMIT COVERAGE.

AMENDMENTS:

THE CONTRACTOR IS RESPONSIBLE FOR AMENDING THE EROSION & SEDIMENT CONTROL PLAN IF: THERE IS A CHANGE IN CONSTRUCTION, OPERATION OR MAINTENANCE AT THE SITE WHICH HAS THE REASONABLE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS; THE ACTIONS REQUIRED BY THE PLAN FAIL TO REDUCE THE IMPACTS OF POLLUTANTS CARRIED BY CONSTRUCTION SITE RUNOFF; OR IF THE DNR NOTIFIES THE APPLICANT OF CHANGES NEEDED IN THE PLAN. THE DNR AND OWNER SHALL BE NOTIFIED 5 WORKING DAYS PRIOR TO MAKING CHANGES TO THE PLAN.

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NEW EQUESTRIAN BUILDING: LEGACY ROSE FARMS
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
ABBREVIATIONS, SYMBOLS & NOTES

DESIGNED	DRAWN
PROJECT NO.	10905-09-25-00507
DATE	APRIL 13, 2026
SHEET NO.	01

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PARCEL #: 006004103
COLLECTOR LOCATION
9819 OAKWOOD AVE
PARCEL ZONED: R-2 SUBURBAN RESIDENTIAL

PARCEL #: 006004202
CHRIS & BRITTANY VOIGT
3411 WINNEGAMIE DR
PARCEL ZONED: A-2 GENERAL AGRICULTURE

A\EL #: 41.1
\NAL F TEFFEN J\
77 WINNE AMIE \
A\EL Z NE : \-1 \UAL \E I ENTIAL

A\EL #: 006004201
ANIEL NANCY J SEFLOW
4 1 WINNE AMIE DR
A\EL Z NE : A-- EXPRAL AGRICULTURE

WINNE AMIE DRIVE

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H \
EN

LAWN

" X 4" M ULVE\T
INV 4 .

TREE LINE

TRANSFORMER

ADA PARKING STALL

PARKING STALLS

GRAVEL

18" CMP CULVERT
INV 858.12 W
INV 858.32 E

ASPHALT (TYP)

18" CPP STORM SEWER
INV 858.09

BARN W/ 6 STABLES AND INDOOR RIDING ARENA

QUONSET HUT

CONCRETE BLOCK RETAINING WALL

SEPTIC CLEAN OUT (TYP)

WELL

FEEDER

HORSE PADDOCK

FENCE (TYP)

DRAINAGE DITCH

AGRICULTURAL FIELD

HUT

18" CMP CULVERT
INV 859.12 W
INV 859.18 E

RIP RAP

18" CPP STORM SEWER
INV 856.86

AGRICULTURAL FIELD

EXISTING SITE AREA SUMMARY

	DESCRIPTION	S.F.	ACRES	%
	TOTAL PROPERTY	780,644	17.921	100.00%
A.	**EXISTING SITE CONDITIONS**			
	DESCRIPTION	**S.F.**		
	RESIDENTIAL BUILDING FOOTPRINT	5,835	0.134	0.75%
	BARN/QUONSET HUT BUILDING FOOTPRINT	17,524	0.402	2.24%
	OUTDOOR RIDING ARENA	11,149	0.256	1.43%
	HORSE PADOCKS	38,368	0.881	4.91%
	CONCRETE PAVEMENT/SIDEWALK	3,192	0.073	0.41%
	ASPHALT	2,096	0.048	0.27%
	GRAVEL	31,065	0.713	3.98%
	EXISTING IMPERVIOUS	**109,219**	**2.507**	**13.99%**
	EXISTING GREENSPACE	**671,425**	**15.414**	**86.01%**

N \TH

30 15 0 30

SCALE – FEET

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NO.	DATE	REVISION

NO.	DATE	REVISION

NEW EQUESTRTIAN BUILDING: LEGACY ROSE FARMS
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
EXISTING CONDITIONS

DESIGNED	DRAWN
BDW	BDJ

PROJECT NO.
L0905-09-25-00507

DATE
APRIL 13, 2026

SHEET NO.
02

GENERAL SITE PLAN NOTES:

STOP SIGNS SHALL BE INSTALLED AT ALL ENTRY POINTS TO THE PUBLIC STREETS. STOP SIGNS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST VERSION.

N RTH

1

ALE – FEET

SITE PLAN KEY NOTES:

1. PROPOSED BUILDING REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ADDITI NAL INFORMATION.
2. EXISTING DRAINAGE DITCH.
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4. EXI TIN T \M ULVE\T T \EM VE .
. T \M EWE\. \EFE\ T \A IN LAN.
. NEW " WATE\ E\VI E.
7. ADA A E IBLE PARKIN TALL . ADA A E IBLE PARKIN TALL I N /B LLARD RE\IRED. REFER T N TR TI N DETAIL .
. 4" PAINT TRIPE (YELL W).
9. 7" CONCRETE PAVEMENT. REFER TO CONSTRUCTION DETAILS.
10. MEDIUM RIPRAP. REFER TO GRADING PLAN AND DETAILS.
11. EXISTING GRAVEL DRIVEWAY.
12. EXISTING BARN.
13. EXISTING HORSE PADDOCK.
14. EXI TIN WATER PI KET
1 . EXI TIN A PHALT PAVEMENT.
1 . EXI TIN A PHALT PAVEMENT T BE REM VED.
17. BERM
18. GRAVEL DRIVE/BUILDING ACCESS.
19. EXISTING TREE LINE.
20. 18' X 10' PARKING STALLS.
21. LIMITS OF DISTURBANCE.
22. EXISTING SANITARY SEWER.
23. EXISTING WATER LATERAL.
4. ANITARY EWER.
. L ATI N F NEW EPTI TANK/M ND Y TEM.
. EN L ED D MP TER L ATI N.
27. OVERFLOW PARKING (NOT STRIPED).
28. EXISTING PARKING STALLS.
29. WOODEN FENCE – PINE WOOD POSTS, 3 HORIZONTAL OAK 1"X 6" FENCING, 4' TALL
30. 4' TALL ELECTRIC FENCE
31. EXISTING CONCRETE RETAINING WALL.
. ' N RETE IDEWALK.
. ' PARKIN L T LAND APIN BED.
4. NEW PADD K.
. A RI LT RE FIELD / F T RE PADDOCK
. NEW OUTDOOR RIDING ARENA.
. OUTDOOR RIDING ARENA SEATING AREA.
38. LAWN / GREEN SPACE
39. MEDIUM RIPRAP.
40. JERSEY BARRIER.

PROJECT SITE AREA SUMMARY

NOTE: TABLE ONLY FOR AREA WITHIN PROJECT LIMITS

	DESCRIPTION	S.F.	ACRES	%
	TOTAL PROJECT AREA	149,582	3.434	100.00%
A.	**EXISTING SITE CONDITIONS**			
	DESCRIPTION	**S.F.**		
	ASPHALT	1,134	0.026	0.76%
	GRAVEL	8,753	0.201	5.85%
	EXISTING IMPERVIOUS	9,887	0.227	6.61%
	EXISTING GREENSPACE	139,695	3.207	93.39%
B.	**NEW CONSTRUCTION**			
	DESCRIPTION	**S.F.**		
	NEW BUILDING	18,000	0.413	12.03%
	CONCRETE PAVEMENT	2,259	0.052	1.51%
	CONCRETE SIDEWALK	1,000	0.023	0.67%
	GRAVEL	32,906	0.755	22.00%

C.	**PROPOSED PROJECT AREA SITE CONDITIONS**					
	DESCRIPTION	**EXISTING**	**PROPOSED**	**TOTAL**	**ACRES**	**%**
	BUILDING FOOTPRINT	0	18,000	**18,000**	0.413	12.03%
	ASPHLAT/GRAVEL/CONCRETE	9,887	36,165	**46,052**	1.057	30.79%
	TOTAL IMPERVIOUS	9,887	54,165	**64,052**	1.470	42.82%
	GREEN SPACE PROVIDED WITHIN PROJECT LIMITS			85,530		57.18%
	GREEN SPACE REQUIRED (30% MIN.)			44,875		30.00%

D.	**OVERALL PROPOSED SITE CONDITION**			
	DESCRIPTION	**S.F.**	**ACRES**	**%**
	TOTAL PROPERTY	780,644	17.921	521.88%
	TOTAL BUILDING FOOTPRINT	39109	0.898	5.01%
	TOTAL GRAVEL	52896	1.214	6.78%
	TOTAL CONCRETE PAVEMENT/SIDEWALK	8434	0.194	1.08%
	TOTAL ASPHALT	962	0.022	0.12%
	TOTAL OUTDOOR RIDING ARENA	11149	0.256	1.43%
	TOTAL HORSE PADDOCKS	38368	0.881	4.91%
	TOTAL IMPERVIOUS	150918	3.465	19.33%
	TOTAL GREEN SPACE PROVIDED	629,726	14.457	80.67%
	TOTAL GREEN SPACE REQUIRED (30%)	234193	5.376	30.00%

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NO.	DATE	REVISION

NEW EQUESTRTIAN BUILDING: LEGACY ROSE FARMS
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
SITE PLAN

DESIGNED	DRAWN
BDW	BDJ

PROJECT NO.
L0905-09-25-00507

DATE
APRIL 13, 2026

SHEET NO.
03

LEGEND:

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- FINISHED MAJOR CONTOUR
- FINISHED MINOR CONTOUR
- NEW \AVEL
- NEW N \ETE AVEMENT
- × . FINI HE \AVEL/ N \ETE ELEVATI N

ENE\AL \A IN LAN N TE :

NT\AT \ HALL E \E NILE F \E\ IN NT\ L E T MANA EMENT \A TI E U\IN LAN I TU\ IN A TIVTIE . \EFE\ T THE E\ IN NT\ L LAN.

ALL A\EA THAT A\E N T UIL IN , AVEMENT, I EWALK \ LAN A E E HALL E\E T \E WITH T IL EE , FE\TILIZE\ AN MUL H \E\ IN MAT. A\EA T \E EIVE E\ IN MAT A\E H WN N THI LAN.

A\EL # 41
YLVE TE\ J Y E\ T
1 AKW AVE

EXI TIN T\EE LINE

64" @ 0.33% =18" CMP CULVERT
W/ ENDWALLS
INV 858.49 E
INV 857.13 W

1. 1%

858.49
860.00
861.24

MAINTAIN 1 " E A\AT N ETWEEN WATE\ E\ME E AN T M ULVE\T

NEW " WATE\ E\ME E

858.13

A\EL # 4
HN NITTANY
VIT
411 WINNE AMIE \

LIMITS OF DISTURBANCE

EXISTING TREE LINE

P.L

1.50%

867.10
866.82
866.01
864.50

862.43 862.49 862.50 862.75 862.80 863.65 862.72
862.75 862.80 863.00
862.80 862.80 862.80
862.90 862.90 862.90

COORDINATE WATER SERVICE CONNECTION WITH PLUMBING CONTRACTOR

COORDINATE SANITARY SERVICE CONNECTION WITH PLUMBING CONTRACTOR

PROPOSED BARN
100'-0" = 863.00

0.50%
0.97%

862.50
862.68
862

LOWER CULVERT TO ALLOW FOR PROPER DRAINAGE.
E: 858.67
W: 858.56

860
0.97%
858 859 860

LIMITS OF DISTURBANCE

P.L

NORTH

20 10 0 20
SCALE - FEET

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NO.	DATE	REVISION

NO.	DATE	REVISION

NEW EQUESTRTIAN BUILDING: LEGACY ROSE FARMS
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
GRADING AND UTILITY PLAN

DESIGNED	DRAWN
BDW	BDJ

PROJECT NO.
L0905-09-25-00507

DATE
APRIL 13, 2026

SHEET NO.
04

P:\Projects\L0905-09-25-00507\Civil\Drawings\Sheets\L0905-09-25-00507 Grading and Utility Plan.dwg, grading and utility plan, Plotted: 4/13/2026 7:47 AM, BDJ

LEGEND:

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- FINISHED MAJOR CONTOUR
- FINISHED MINOR CONTOUR
- E\ IN NT\ L ILT FEN E
- TEM \A\Y IT H HE K

ENE\AL E\ IN NT\ L N TE:

ALL E\ IN NT\ L HALL E IN A \ AN E WITH WI N IN E A\TMENT F NATU\AL \E U\ E W N\ TE HNI AL TAN A\ .

ALL A\EA THAT A\E N T UIL IN , AVEMENT, I EWALK \ LAN A E E HALL E \E T \E WITH T IL EE, FE\TILIZE\ AN MUL H.

A\EL # 41
YLVE TE\ J Y E\ T
1 AKW AVE

A\EL # 4
HN VIT
411 WINNE AMIE \

EXI TIN T\EE LINE

EXISTING TREE LINE

LIMITS OF DISTURBANCE

P.L

1. 1%

1.50%

T\A KIN A

CONCRETE WASHOUT

0.50%

0.97%

DITCH CHECK (TYP)

SILT FENCE (TYP)

LIMITS OF DISTURBANCE

858 859 860 861 862 863 864 865 866

NORTH

20 10 0 20

SCALE: 1"=20'

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NO. | DATE | REVISION

NEW EQUESTRTIAN BUILDING: LEGACY ROSE FARMS
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
EROSION CONTROL PLAN

DESIGNED	DRAWN
BDW	BDJ

PROJECT NO.
L0905-09-25-00507

DATE
APRIL 13, 2026

SHEET NO.
05

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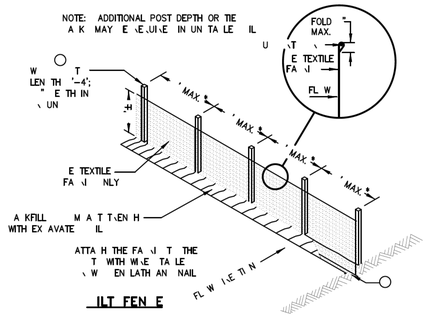

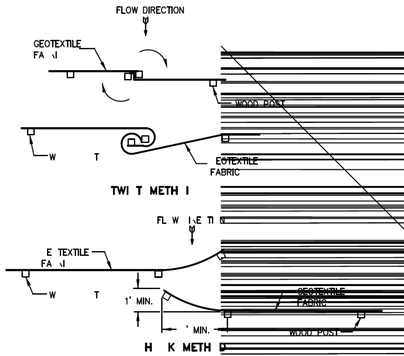

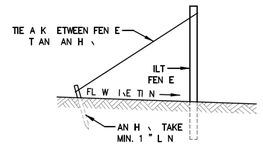

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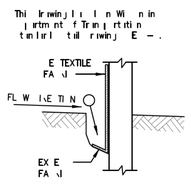


T EN H I ETAIL

ILT FEN E I ETAIL

ENE AL N TE

① H IZ NTAL A E E.UI ED WITH 2" x 4" WOODEN FRAME E.UIVALENT AT THE E POSTS.

○ T EN H HALL E A MINIMUM OF 4" WIDE X 8" DEEP TO BURY AN AN H THE E TEXTILE FABRIC. EXCAVATED MATERIAL TO BE BACKFILLED AND COMPACTED ON THE T EN H AN A KFILL.

○ W T HALL E A MINIMUM SIZE OF 1/4" X 1 1/2" F AK HI K Y

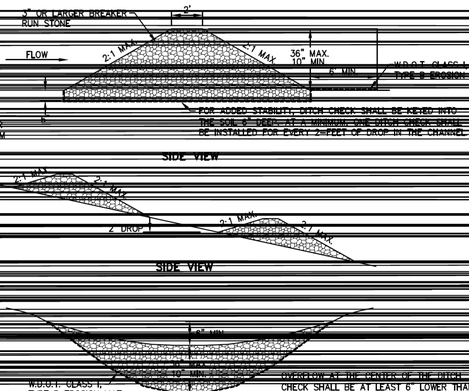
④ ILT FEN E T EXTEN A ROSS THE TOP OF THE PIPE.

○ N T UT ILT FEN E F UTTIN LEN TH T AVI E E NE F THE F LL WIN TWO METHODS; A) OVERLAP THE END T AN TWI T, TATE AT LEAST TEN DEGREES, B) HOOK THE EN FEA H ILT FENCE LENGTH.

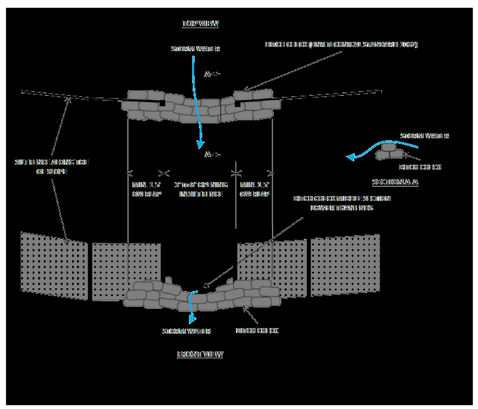
J NIN TW LEN TH OF SILT FENCE ⑤

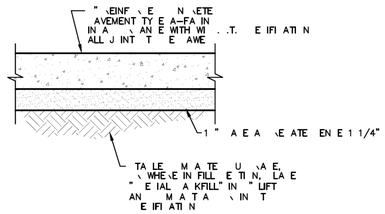
H K METH D

N TE: '—" T AIN ALL WE IF A WVEN E TEXTILE FA J I UE.



DITCH CHECK DETAIL


INTERMEDIATE RIM
SANDBAG WORKING SE
FABRIC ATTACHED TO BOTTOM OF SANDBAG
SANDBAG WORKING SE
SANDBAG
SANDBAG
SANDBAG



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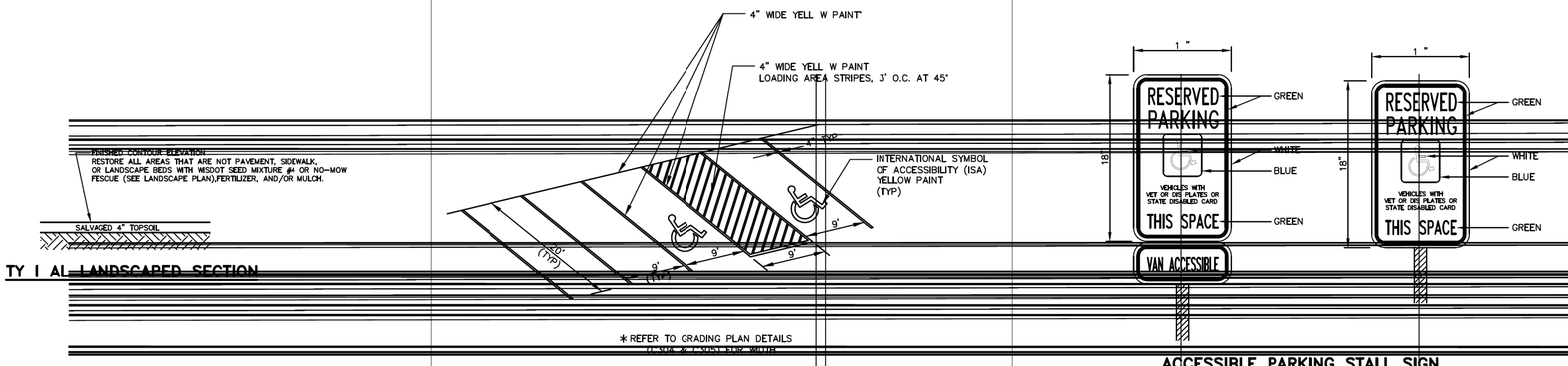
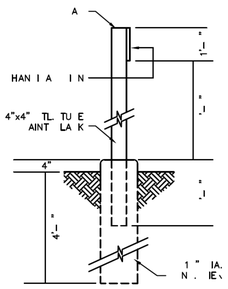


TY I AL LANDSCAPED SECTION

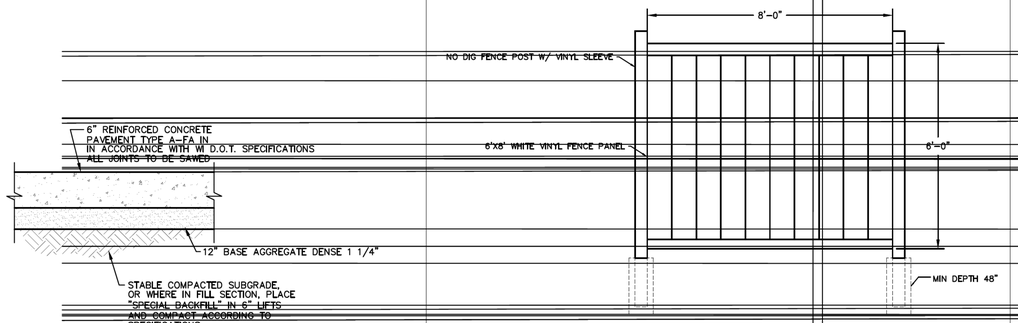
ADA PARKING LOT STRIPING

ACCESSIBLE PARKING STALL SIGN

MUTCD R7-8W, TAPCO 373-05776 OR EQUAL
MUTCD R7-8P, TAPCO 373-05791 OR EQUAL



A E IBLE A\KIN TALL I N I ETAIL



N RETE DUMPSTER PAD

DUMPSTER ENCLOSURE FENCE

McMAHON
ENGINEERS ARCHITECTS
MADISON, WISCONSIN
1445 McMAHON DRIVE NEENAH, WI 54956
MAILING P.O.BOX 1025 NEENAH, WI 54957-1025
PHONE 920.751.4200 FAX 920.751.4284 MCMGRP.COM

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NO.	DATE	REVISION

NO.	DATE	REVISION

NEW EQUESTRTIAN BUILDING: LEGACY ROSE FARMS
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
MISCELLANEOUS DETAILS

DESIGNED	DRAWN
–	–

PROJECT NO.
10905-09-25-00507

DATE
APRIL 13, 2026

SHEET NO.
07

P:\ns WI\PR F \ \ 7\ ADD\ \ wi\ Division 6th \ls\ v r n l s ons\ d tails\dwg_misc llan us d tails. Pl | Dat : 4/1 . PM, yr /6rs n

NOTES:

T=TREES; S=SHRUB; E=EVERGREEN; B-B=BALLED IN BURLAP; B.R.=BARE ROOT; P=POTTED; T.S.= TREE SPADE.

THE LAYOUT OF THE PLANTING AND LOCATION OF PLANT HOLES OR BEDS SHALL BE STAKED BY THE CONTRACTOR SUBJECT TO ENGINEER/ ARCHITECTS APPROVAL.

ALL PLANTING AREAS TO BE FREE OF WEEDS AND GRASS, TREATED WITH A NON-LEACHING PRE-EMERGENT HERBICIDE, PREEN OR EQUAL, PER MANUFACTURER'S SPECIFICATIONS AND COVERED WITH TYPAR 3301 OR SUPAC 2P AND THEN WITH 3" OF HARDWOOD BARK MULCH, FREE OF WEED AND DEBRIS. THE ARK SHALL BE TAKEN TO A LOCAL UNIFORM TEXTURE. SUBMIT SAMPLE OF THE MULCH, FREE OF WEED AND DEBRIS. THE TYPE SHALL BE TAKEN TO A LOCAL UNIFORM TEXTURE. SUBMIT SAMPLE OF THE MULCH, AND ARK MULCH TO BE ENGINEER/ARCHITECT APPROVAL. NO ALTERNATIVE MATERIAL MAY BE USED WITHOUT APPROVAL.

ALL TREE MAINTENANCE TO INCLUDE TREE FREE WEED AND MULCH, CREATE WITH A NON-LEACHING PRE-EMERGENT HERBICIDE, EQUAL, EQUAL MANUFACTURER'S SPECIFICATIONS AND COVERED WITH TYPAR 3301 OR SUPAC 2P AND THEN WITH 3" OF HARDWOOD MULCH, FREE OF WEED AND DEBRIS. THE TYPE SHALL BE TAKEN TO A LOCAL UNIFORM TEXTURE. SUBMIT SAMPLE OF THE MULCH, AND ARK MULCH TO BE ENGINEER/ARCHITECT APPROVAL. NO ALTERNATIVE MATERIAL MAY BE USED WITHOUT APPROVAL.

SEE THIS SHEET FOR PLANTING DETAILS.

AREAS TO BE SEEDED, FERTILIZED AND MULCHED WITH EROSION CONTROL BLANKET.

PLANT QUANTITIES INDICATED IN PLANT SCHEDULE QUANTITIES ON THE PLANT LIST.

NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN QUANTITIES SHOWN ON PLANS AND QUANTITIES ON THE PLANT LIST.

ALL PLANT SIZES AND SPACING TO BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. IN THE EVENT OF DISCREPANCIES, THE PLANTING PLAN SHALL GOVERN.

PLANT SUBSTITUTIONS SHALL BE MADE WITH EQUIVALENT QUALITY AND SIZE AND ONLY WITH WRITTEN NOTIFICATION TO THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

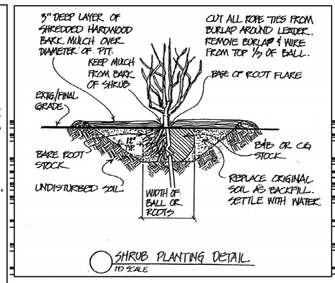
LATEX METAL EDGING TO BE USED ALONG ALL 1" SEED WITH HARD KNIFE REMOVE EDGING TO BE FLUSH WITH GRADE AND EXTEND ALONG FINISH HARD AREAS AND UTILITIES FOR TRIMMING PURPOSES.

ALL LAWN AREAS TO BE SEEDED, FERTILIZED AND MULCHED WITH HYDROMULCH TO BE APPLIED AT MANUFACTURER'S RECOMMENDED RATES. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

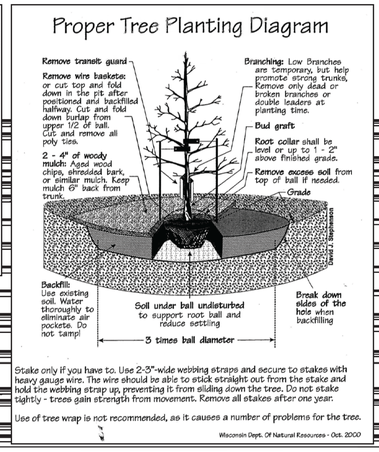
MATURE TREE HULL LINE UP TO VISUAL EVEN FOR TUNES LEARNED.

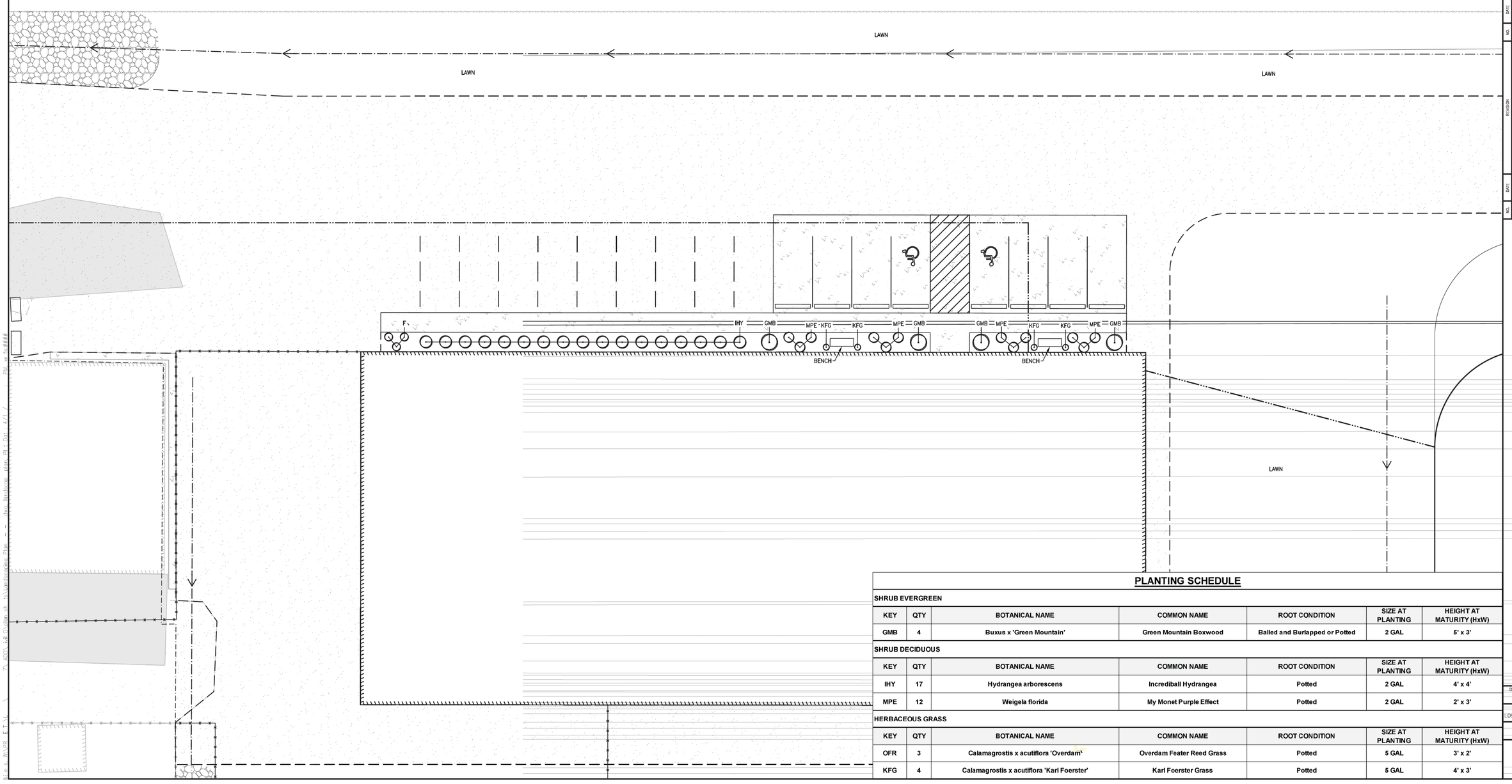
LOCATE TREE AWAY FROM THE WALE.

ALL SEEDED AREAS TO BE WELL HARDENED AND FREE OF DEBRIS, WITH SMOOTH FINISH LINE AND UNIFORM APPEARANCE.



SHRUB PLANTING DETAIL
NO SCALE





PLANTING SCHEDULE

SHRUB EVERGREEN

KEY	QTY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SIZE AT PLANTING	HEIGHT AT MATURITY (HxW)
GMB	4	Buxus x 'Green Mountain'	Green Mountain Boxwood	Balled and Burlapped or Potted	2 GAL	5' x 3'

SHRUB DECIDUOUS

KEY	QTY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SIZE AT PLANTING	HEIGHT AT MATURITY (HxW)
IHY	17	Hydrangea arborescens	Incrediball Hydrangea	Potted	2 GAL	4' x 4'
MPE	12	Weigela florida	My Monet Purple Effect	Potted	2 GAL	2' x 3'

HERBACEOUS GRASS

KEY	QTY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SIZE AT PLANTING	HEIGHT AT MATURITY (HxW)
OFR	3	Calamagrostis x acutiflora 'Overdam'	Overdam Feater Reed Grass	Potted	5 GAL	3' x 2'
KFG	4	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Grass	Potted	5 GAL	4' x 3'

PRELIMINARY
NOT FOR CONSTRUCTION

McMAHON ENGINEERS ARCHITECTS
451 MAIN STREET, SUITE 1
NEENAH, WISCONSIN 54956
PO BOX 1025 NEENAH, WI 54957-1025
PHONE 920.751.4284 MCMGRP.COM

NO.	DATE	REVISION

NEW EQUESTRTIAN BUILDING: LEGACY ROSE FARMS
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
LANDSCAPE PLAN

DESIGNED	DRAWN
BDW	BDJ

PROJECT NO.
L0905-09-25-00507

DATE
APRIL 13, 2026

SHEET NO.
08

NEW EQUESTRIAN BUILDING: LEGACY ROSE FARMS
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
EXISTING LANDSCAPING PLAN BY WOLFRATH LANDSCAPING

NO.	DATE	REVISION
/	/	/
/	/	/
/	/	/
/	/	/
/	/	/
/	/	/
/	/	/

NO.	DATE	REVISION

DESIGNED –
DRAWN –
PROJECT NO. L0905-09-25-00507
DATE OCT 10, 2025
SHEET NO. **1**

McMAHON
ENGINEERS ARCHITECTS
McMAHON ASSOCIATES, INC.
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957-1025
PH 920.751.4200 FX 920.751.4284 MCMGR.COM

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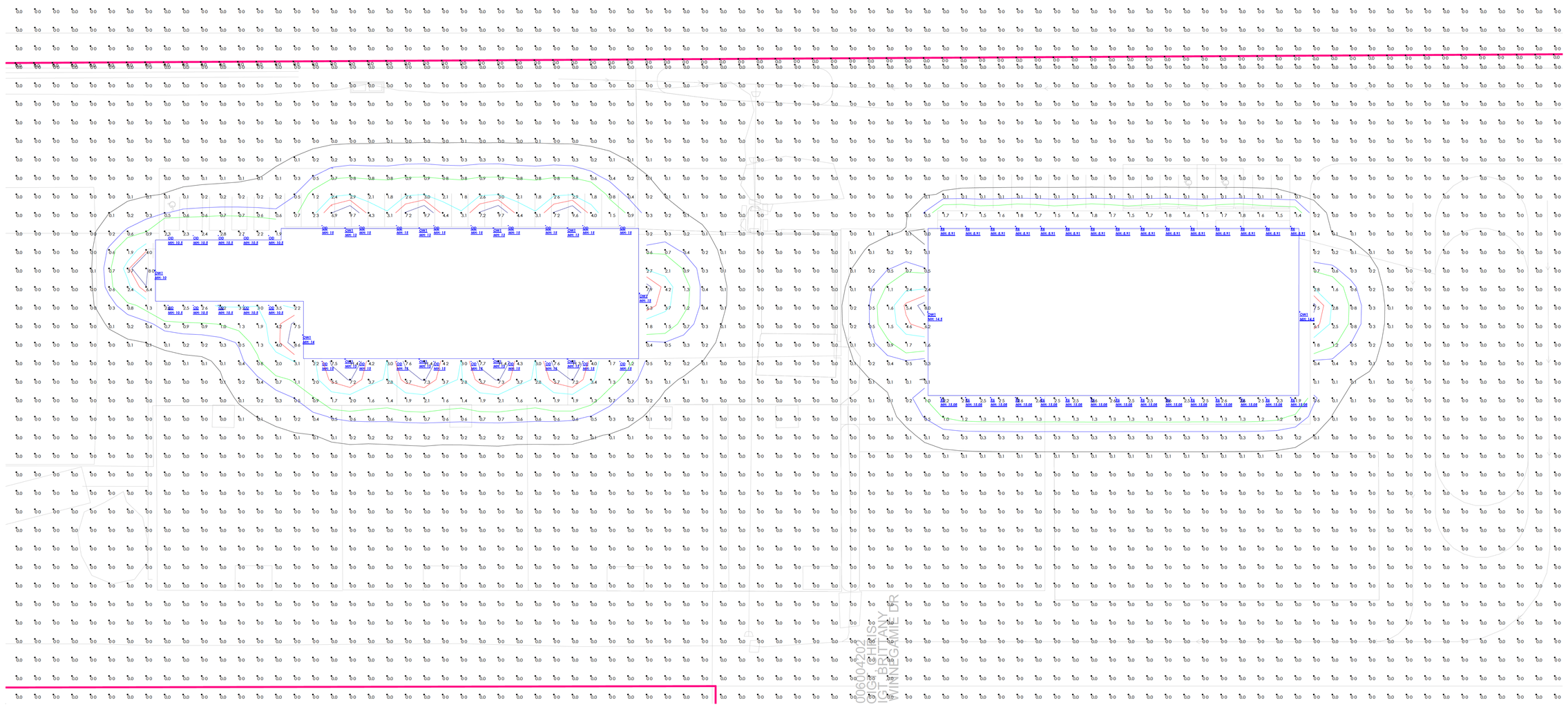


Luminaire Schedule									
Symbol	Qty	Label	Manufacturer	Description	Arrangement	LLF	Luminaire Lumens	Luminaire Watts	IES Class
	28	OD	Ledvance (Sylvania Lighting)	63054 - LEDMD4R3A800-3000K type 5 short throw, light disc, full downward throw	Single	0.900	803	9.9	Type VS
	13	OW1	Cooper Lighting	AXCS4A-W type 3 distribution, full cutoff wallpack	Single	0.900	5520	43.7	Type III
	30	R6	Acuity Brands	65BEMW SWW5 90CRI 30K LED type 5 short throw, recessed can, full downward throw	Single	0.900	920	10.4	Type VS

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts 1	Illuminance	Fc	0.23	18.0	0.0	N.A.	N.A.
EAST PROPERTY LINE	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.

PLAN NOTES:
- PROPERTY LINES SHOWN AS MAGENTA COLOR
- LIGHTING DESIGN AND FIXTURE SELECTION FOLLOW TOWN OF CLAYTON SITE LIGHTING DESIGN REQUIREMENTS AS CALLED OUT IN THE 2019 TOWN ORDINANCE 9.08-210
- ALL SELECTED LIGHTING IS FULL CUTOFF TO PUSH LIGHT DOWN TOWARDS THE GROUND AND ELIMINATING LIGHT TRESPASS AT THE PROPERTY LINES.

1. STANDARD REFLECTANCE OF 80/50/20 UNLESS NOTED OTHERWISE.
2. NOT A CONSTRUCTION DOCUMENT- FOR DESIGN PURPOSES ONLY.
3. STANDARD INDOOR CALC POINTS @ 30" AFF UNLESS NOTED OTHERWISE.
4. STANDARD OUTDOOR CALC POINTS @ GRADE UNLESS NOTED OTHERWISE.
5. EGRESS CALC POINTS @ 0'-0" AFF.
6. PHOTOMETRICS ARE ESTIMATED LIGHTING CALUCULATIONS.
   VIKING ELECTRIC ASSUMES NO RESPONSIBILITY FOR INSTALLED LIGHT LEVELS DUE TO FIELD CONDITIONS.
7. VIKING ELECTRIC NOT RESPONSIBLE FOR FINAL REVIEW OF CODE REQUIREMENTS.

06004202
CHRIS HESS
LGT BRITTANY
WINNEGAMIE DR

VIKING electric
A Sonepar Company

#	Date	Comments
1	10/2/2025	Updated fixture selection and plan information

Revisions

OWNER: CHRIS & BRITTANY VOIGHT
PROJECT ADDRESS: 3411 WINNEGAMIE DR
CLAYTON, WISCONSIN

Drawn By: JB
Project #: 158332
Date:3/9/2026

Scale: 1" = 20'
Sheet Size: 48X36

PHOTOMETRIC SITE PLAN

NEW EQUESTRTIAN BUILDING FOR:
LEGACY ROSE FARMS, CLAYTON WISCONSIN

ES001 REV2

SUBMITTAL DRAWINGS

LEGACY ROSE HORSE RIDING EGRESS - 158332
Neenah , WI

CR FOCHS
NEENAH, WI

vikingelectric.com

Brian Thorkildsen

Project Manager
Phone: 920-232-7878 Moblie#920-594-4103
Brian.Thorkildsen@vikingelectric.com

Oshkosh - 2755 Atlas Ave / 920-232-7878

DON STEINER -Field Account Manager
Phone :920-232-7874 Mobile 920-236-6050
Don.Steiner@vikingelectric.com

VIKING electric
A Sonepar Company

Table of Contents

Datasheets

Type	Manufacturer	Model Number
OD	LEDVANCE	LEDMD4R3A800ST9SC3WH (63054)
OW1	COOPER	AXCS4A-W
R6	ACUITY	65BEMW-SWW5-90CRI

www.ledvanceUS.com

LEDVANCE

LEDVANCE Luminaires

SLIM CCT SELECTABLE MICRODISK

PERFORMANCE CLASS™

Application

The LEDVANCE Performance Class Slim CCT Selectable Microdisk is a slim profile LED downlight kit with remote driver that at either 120Vac or 120-277Vac. The 1/2" height allows for installation directly under joists in new and remodel construction.

Benefits and Features

- High CRI (>90) ensures a high quality light
- 1/2" height facilitates installations in most residential applications
- IC Rated for contact with ceiling insulation
- All necessary quick connectors are included with each SKU
- Up to 87 LPW
- 2700K, 3000K, 3500K, 4000K, 5000K color temperature selectable via the switch located on the driver
- Offered in 6.5, 10, 14, 19, and 23 watt versions
- Energy savings up to 92%

Electrical

- Offered in 120V or 120-277V (see ordering guide for further details)
- Power Factor >0.9
- THD <20%
- Offered in Phase-Cut dimming and 0-10V dimming models (see ordering guide for further details)

Rated Life

- 50,000 hours (L_{90})

Warranty

- 5-year
- NLB Trusted Warranty Program

Ambient Operating Range

- -4°F to +104°F (-20°C to +40°C)

Installation

- For installation into 3", 4", 6", 8" and 12" ceiling cut-outs.
- Universal Metal Frame sold separately as accessory for new construction: fits all sizes in Slim MICRODISK portfolio.
- Quick connectors are included in the box with purchase of each SKU

Wattage Comparison

Traditional Source	LED System Wattage	Energy Savings
100W BR40	8W	92%
120W Incandescent	13W	90%
23W CFL	16W	30%
32W CFL	20W	63%
40W CFL	27W	48%

Certifications and Listings

- cETLus
- RoHS
- FCC
- Title 24 Compliant
- TAA
- ENERGY STAR®
- Suitable for wet locations
- FT6 listed cable
- Suitable for use in closets, compliant with NFPA 70, NEC section 410.16 (A)(3) and 410.16 (C)(5)

Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

LEDMD	XR	3A /	XXXX	XXX	X	9	SC3 /	XX
Product Name LEDMD = LED Slim MICRODISK	Dimensions 3R = 3" Round 4R = 4" Round 6R = 6" Round 8R = 8" Round 12R = 12" Round	Generation 3A = Generation 3A	Lumens 500 = 500 Lumens 800 = 800 Lumens 1200 = 1200 Lumens 1600 = 1600 Lumens 2000 = 2000 Lumens	Voltage S = 120V UNV = 120-277V	Dimming T = Triac Dimming D = 0-10V Dimming	CRI 9 = >90	CCT SC3 = 2700/3000/3500/4000/5000K	Color/Finish WH = White Finish BL = Black Finish

Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Total Fixture Lumens (lm)	LPW	Input Voltage	Dimming	CRI	Color Temp (CCT)	IC Rated	MTO*
63053	LEDMD3R3A/500ST9SC3/WH	6.5	500	77	120V	Phase-cut	>90	2700/3000/3500/4000/5000K	Yes	–
63059	LEDMD4R3A/800ST9SC3/BL	10	800	80	120V	Phase-cut	>90	2700/3000/3500/4000/5000K	Yes	–
63054	LEDMD4R3A/800ST9SC3/WH	10	800	80	120V	Phase-cut	>90	2700/3000/3500/4000/5000K	Yes	–
63055	LEDMD6R3A/800ST9SC3/WH	10	800	80	120V	Phase-cut	>90	2700/3000/3500/4000/5000K	Yes	–
63060	LEDMD6R3A/800ST9SC3/BL	10	800	80	120V	Phase-cut	>90	2700/3000/3500/4000/5000K	Yes	–
63056	LEDMD6R3A/1200ST9SC3/WH	14	1200	86	120V	Phase-cut	>90	2700/3000/3500/4000/5000K	Yes	–
63057	LEDMD8R3A/1600ST9SC3/WH	19	1600	84	120V	Phase-cut	>90	2700/3000/3500/4000/5000K	Yes	–
63058	LEDMD12R3A/2000ST9SC3/WH	23	2000	87	120V	Phase-cut	>90	2700/3000/3500/4000/5000K	Yes	–
63598	LEDMD4R3A800UNVD9SC3/WH	10	800	80	120-277V	0-10V	>90	2700/3000/3500/4000/5000K	Yes	MTO
63599	LEDMD6R3A800UNVD9SC3/WH	14	800	80	120-277V	0-10V	>90	2700/3000/3500/4000/5000K	Yes	MTO
63600	LEDMD6R3A1200UNVD9SC3/WH	14	1200	86	120-277V	0-10V	>90	2700/3000/3500/4000/5000K	Yes	MTO
63601	LEDMD8R3A1600UNVD9SC3/WH	19	1600	84	120-277V	0-10V	>90	2700/3000/3500/4000/5000K	Yes	MTO
63603	LEDMD4R3A800UNVD9SC3/BL	10	800	80	120-277V	0-10V	>90	2700/3000/3500/4000/5000K	Yes	MTO
63604	LEDMD6R3A800UNVD9SC3/BL	10	800	80	120-277V	0-10V	>90	2700/3000/3500/4000/5000K	Yes	MTO

*Made to Order

Compatible Phase-Cut Dimmers

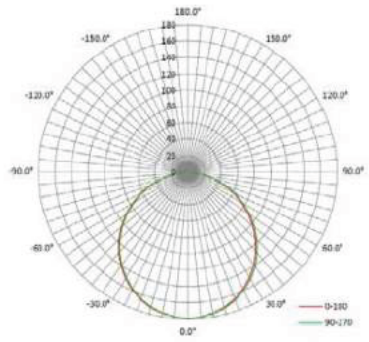
Make	Leading or Trailing Edge	Model
Leviton SureSlide	L	6674
Lutron Maestro C-L	L	MACL-153M
Lutron Diva	L	DVCL-153P
Lutron Caseta	L	PD-6WCL
Legrand Radiant	L	RHCL453P
Lutron Diva	T	DVELV-300P
Lutron Maestro	T	MAELV-600

Compatible 0-10V Dimmers

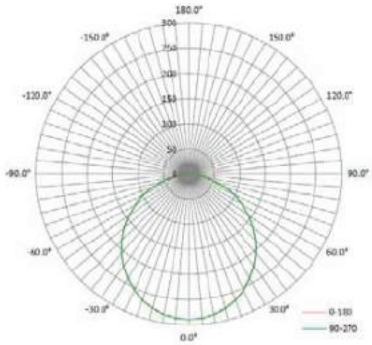
Make	Type	Model
Leviton	0-10V	DS710
Leviton	0-10V	IP710
Lutron	0-10V	NTSTV-DV
Lutron	0-10V	DVSTV
Lutron	0-10V	DVTV-WH
Legrand	0-10V	H4FBL3PW

Photometric Information

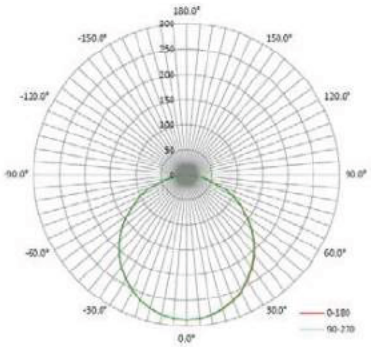
8W 3"



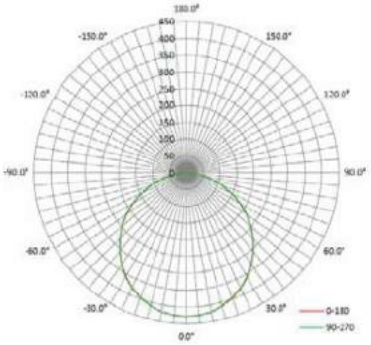
13W 4"



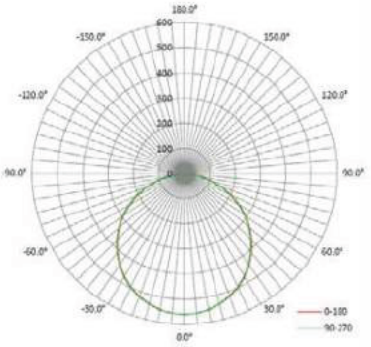
13W 6"



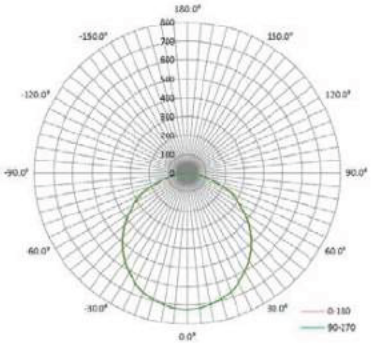
16W 6"



20W 8"



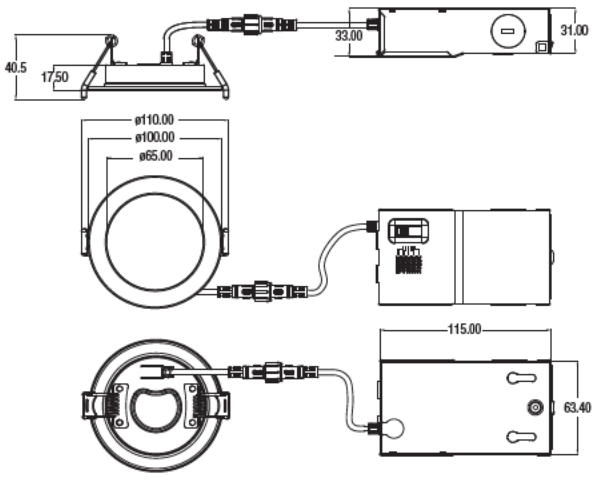
27W 12"



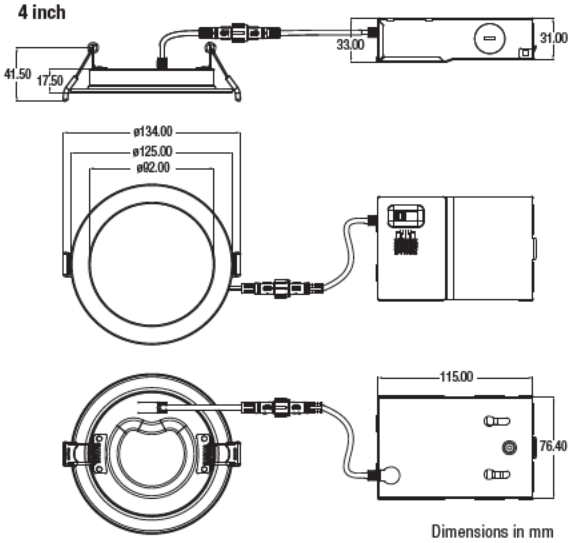
Physical Information

Lamp Description	Diameter (in)	Height (in)
3R = 3" round	4.33	0.69
4R = 4" round	5.28	0.69
6R = 6" round	7.32	0.69
8R = 8" round	9.49	0.69
12R = 12" round	13.5	0.69

3 inch



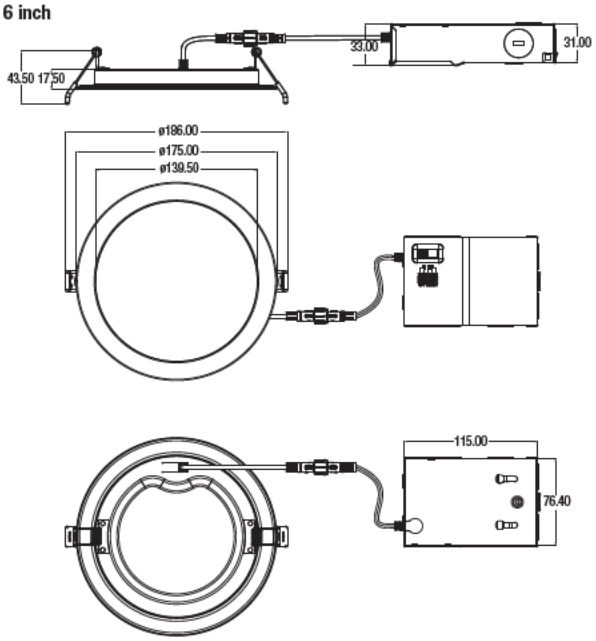
4 inch



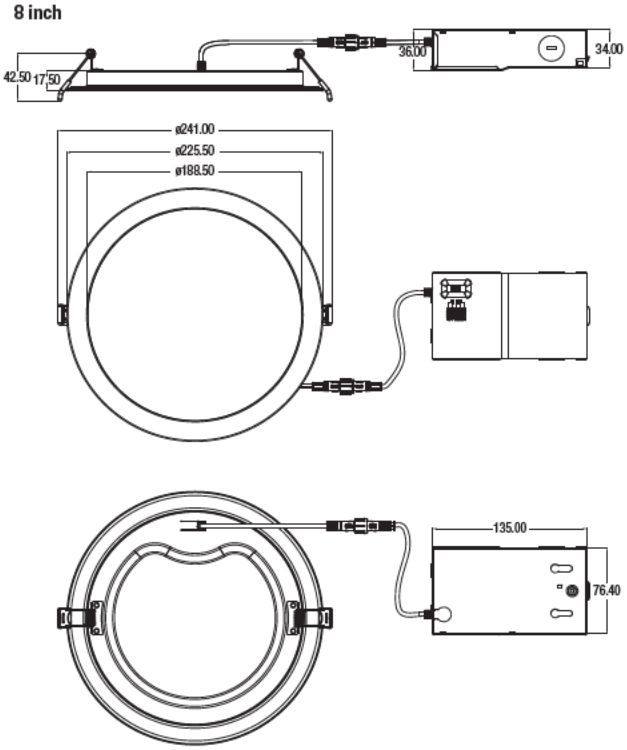
Dimensions in mm

Physical Information (continued)

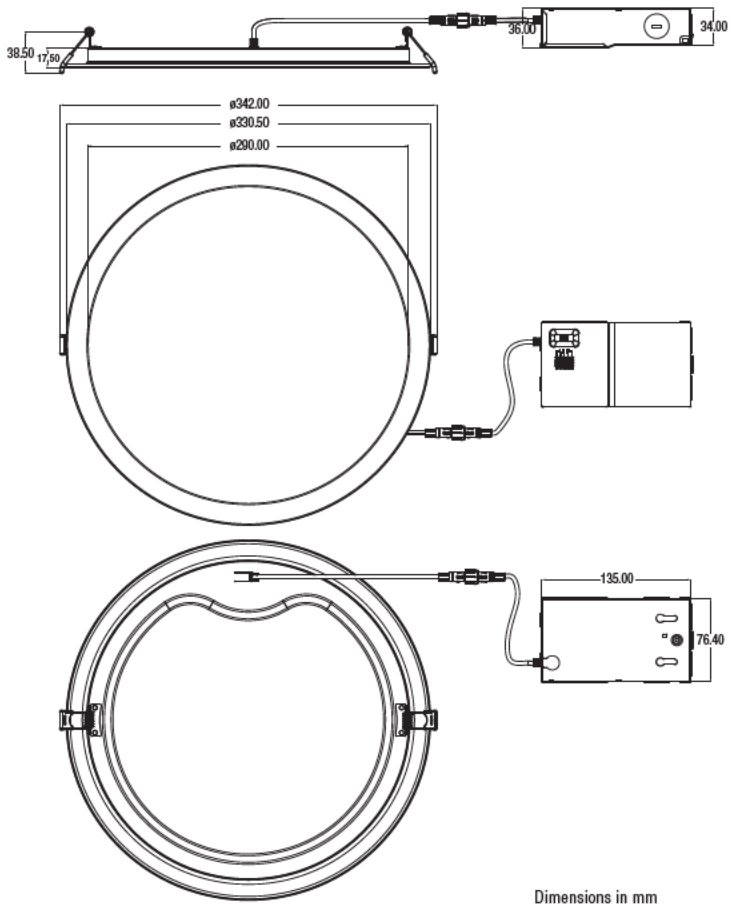
6 inch



8 inch



12 inch



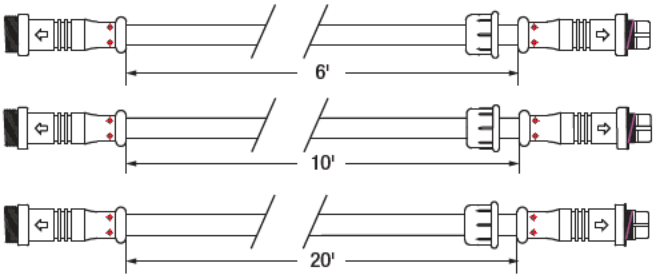
Dimensions in mm

Accessories

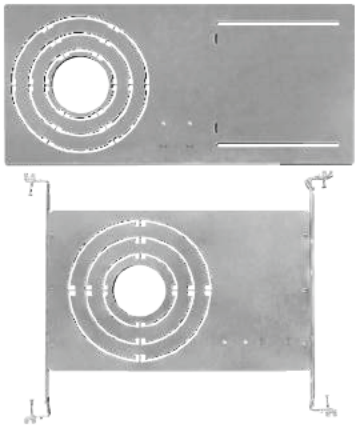
Item Number	Ordering Abbreviation	Item Description
63202	SLIMMD3A3/TRIMBLK	Black trim for 3" models
63203	SLIMMD3A3/TRIMBZ	Bronze trim for 3" models
63204	SLIMMD3A3/TRIMSN	Satin nickel trim for 3" models
63205	SLIMMD3A4/TRIMBLK	Black trim for 4" models
63206	SLIMMD3A4/TRIMBZ	Bronze trim for 4" models
63207	SLIMMD3A4/TRIMSN	Satin nickel trim for 4" models
63208	SLIMMD3A6/TRIMBLK	Black trim for 6" models
63209	SLIMMD3A6/TRIMBZ	Bronze trim for 6" models
63210	SLIMMD3A6/TRIMSN	Satin nickel trim for 6" models
63211	SLIMMD3A8/TRIMBLK	Black trim for 8" models
63212	SLIMMD3A8/TRIMBZ	Bronze trim for 8" models
63213	SLIMMD3A8/TRIMSN	Satin nickel trim for 8" models
63214	SLIMMD3A12/TRIMBLK	Black trim for 12" models
63215	SLIMMD3A12/TRIMBZ	Bronze trim for 12" models
63216	SLIMMD3A12/TRIMSN	Satin nickel trim for 12" models

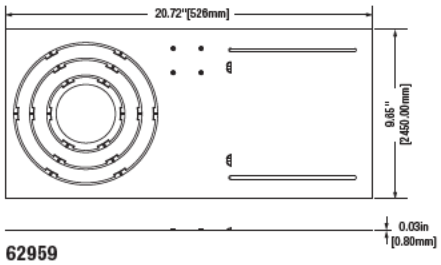
Trim Rings

Item Number	Ordering Abbreviation	Length	Width
60793	LEDMD6FTEXCBL	6ft	–
60794	LEDMD10FTEXCBL	10ft	–
60795	LEDMD20FTEXCBL	20ft	–
62959	LEDSLIMMDFRAME	20.72in (526mm)	9.65in (2450mm)



Metal Frame





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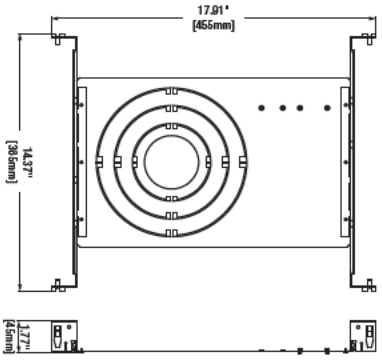

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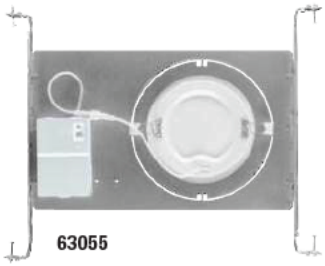
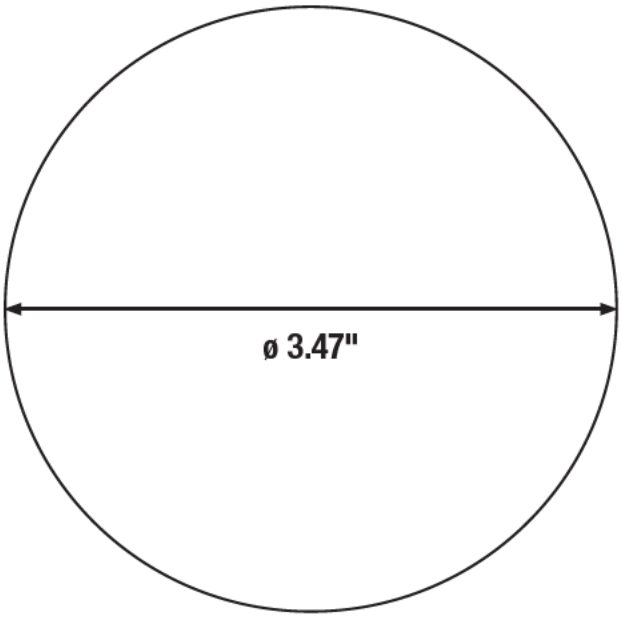


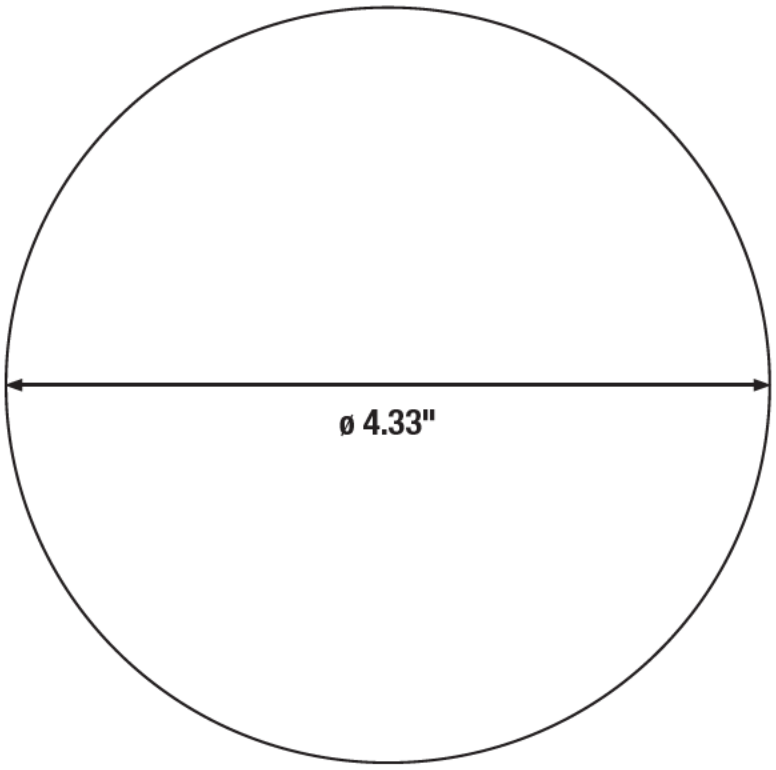
63055

Hole Cut Templates

MD3 Hole Cut Template

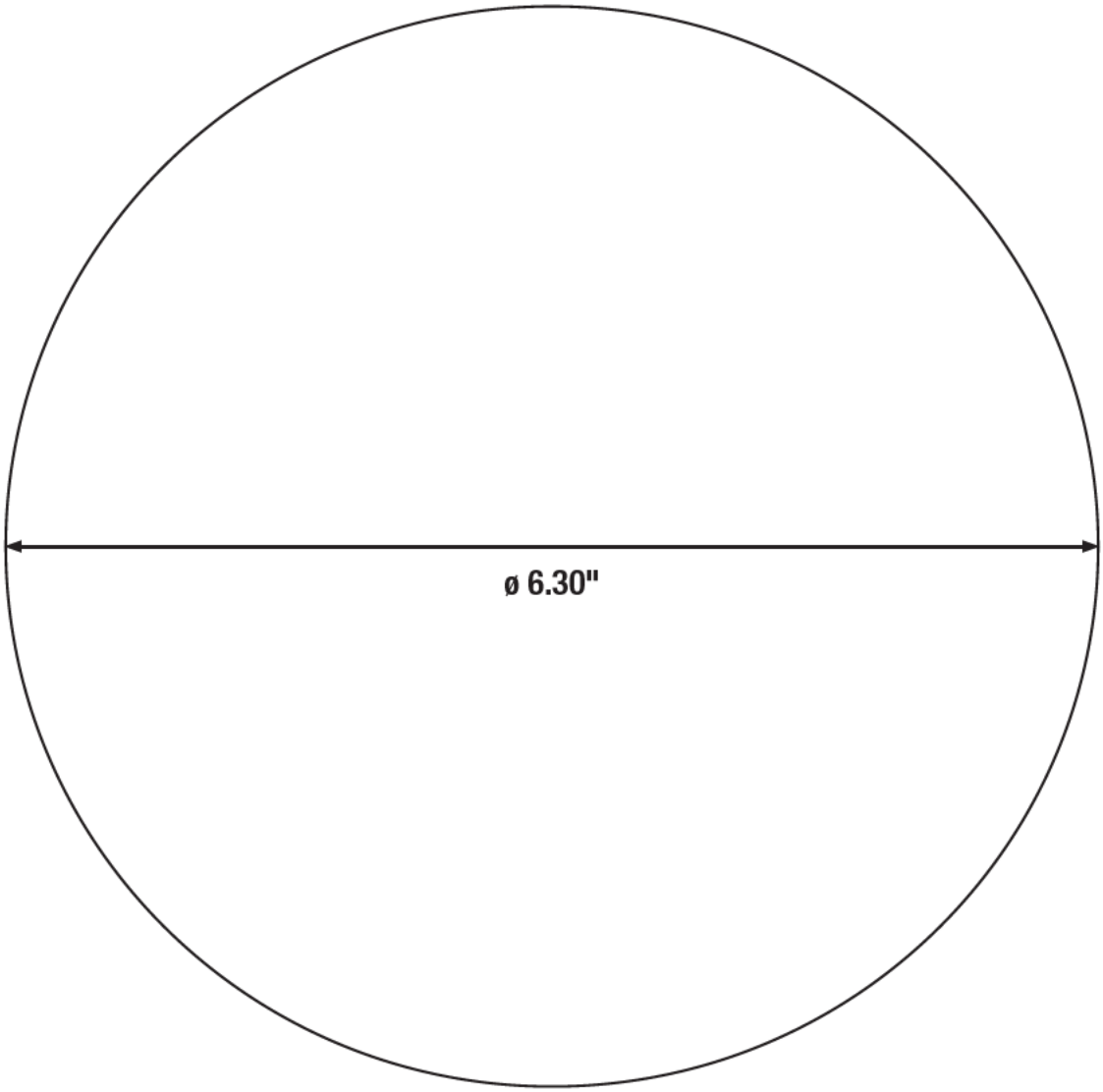


MD4 Hole Cut Template



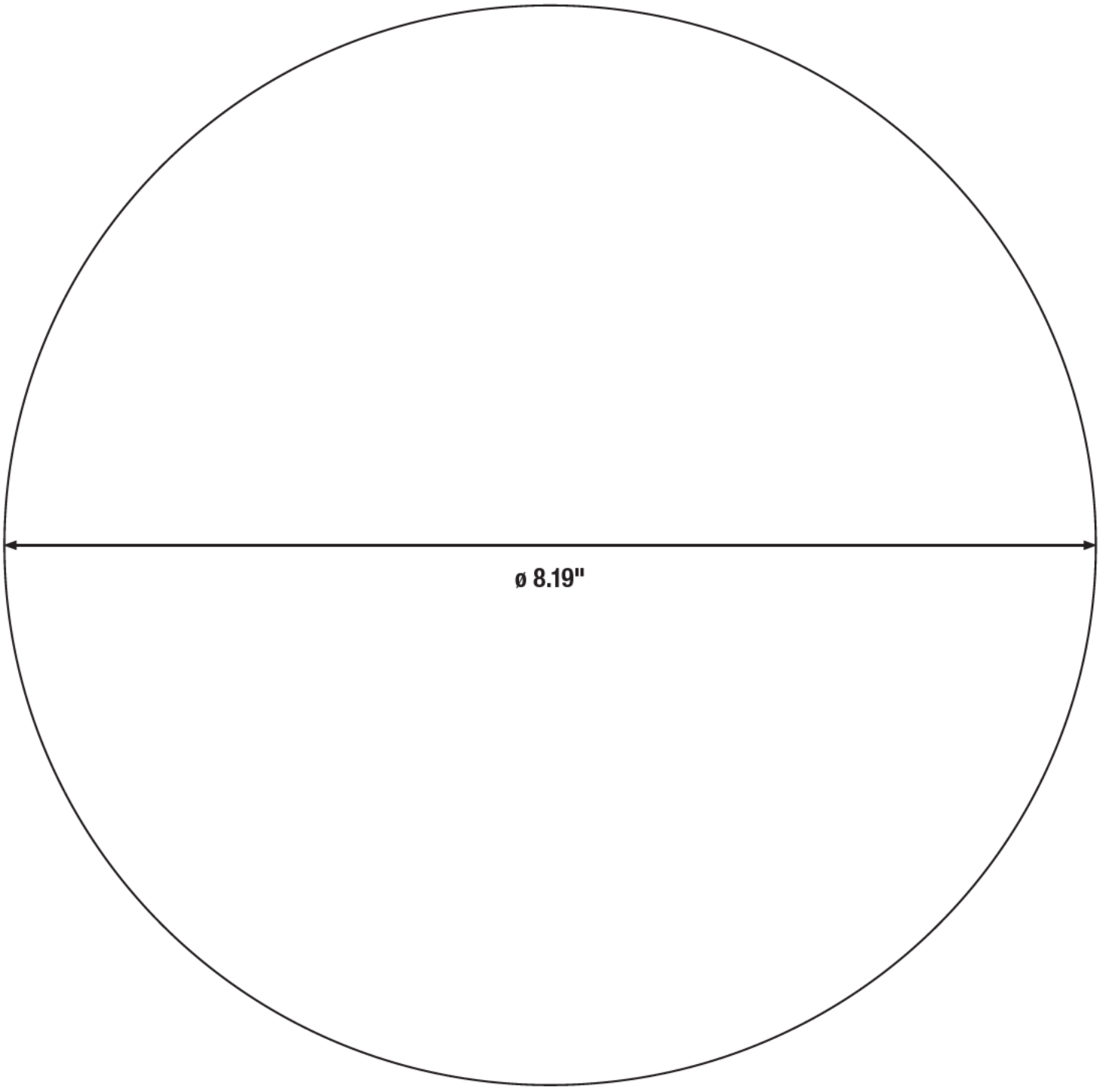
Hole Cut Templates

MD6 Hole Cut Template



Hole Cut Templates

RT8 Hole Cut Template



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Wilmington, MA 01887 USA
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www.ledvanceUS.com

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SCAN TO FOLLOW US ON SOCIAL MEDIA

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Manufacturer : COOPER
Model Number : AXCS4A-W

Type :
OW1

Project		Catalog #		Type	
Prepared by		Notes		Date	

Lumark

Axcent

Wall Mount Luminaire

Product Certifications & Features

CERTIFIED · 3G VIB · IP66 · ISO CERTIFIED · selectable lumens · DUSK-TO-DAWN · DLC LISTED · DLC LISTED PREMIUM · FC CLASS A CAN ICES-005 · RoHS COMPLIANT · DARKSKY APPROVED [1] · Light ARchitect™ · BAA · TAA · BABA · WaveLinx · 5 YEAR

Interactive Menu

- Ordering Information page 2
- Mounting Details page 3
- Product Specifications page 4
- Energy and Performance Data page 4
- Control Options page 7

Quick Facts

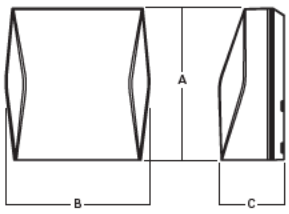
- Available in 12W - 116W (1,800 - 16,000 lumens) models
- Full cutoff and refractive lens models available
- Energy and maintenance savings up to 95% compared to HID
- Energy efficient illumination results in up to 177LPW
- Replaces 70W up to 450W HID equivalents

Connected Systems

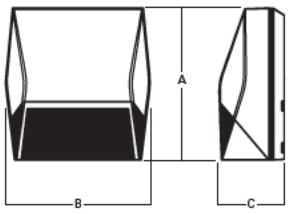
- WaveLinx PRO Wireless
- WaveLinx LITE Wireless

Dimensional Details

Full Cutoff



Refractive Lens[2]



Deep Back Housing

Dimensional Data

	AXCS Small	AXCL Large
A	8" [202mm]	11-1/2" [292mm]
B	7-1/2" [190mm]	10-3/4" [273mm]
C	3-5/8" [94mm]	4-7/8" [124mm]
D	6-1/8" [155mm]	7-1/8" [181mm]

NOTES:
1. DarkSky approved for 3000K CCT and warmer, with mounting options less than 10° of tilt.
2. Refractive Lens option does not comply with DarkSky.

Lumark — AXCS / AXCL Axcent

Ordering Information

SAMPLE NUMBER: **AXCS1A-AP-347V**

Domestic Preferences	Model Series [1]	LED Color Temperature	Color	Options (Add as Suffix)
[Blank]=Standard **BAA**=Buy American Act [26] **TAA**=Trade Agreements Act [26] **BABA**=Build America Buy America Act [28]	**Full Cutoff** [29] **AXCS1A**=12W **AXCS2A**=16W **AXCS3A**=23W **AXCS4A**=38W **AXCS5A**=45W **AXCL6A**=50W **AXCL8A**=66W **AXCL10A**=89W **AXCL12A**=116W **Refractive Lens** **AXCS1ARL**=12W **AXCS2ARL**=16W **AXCS3ARL**=23W **AXCS4ARL**=38W **AXCS5ARL**=45W **AXCL6ARL**=50W **AXCL8ARL**=66W **AXCL10ARL**=89W **AXCL12ARL**=116W	**[Blank]**=4000K, Neutral **C**=5000K, Cool **W**=3000K, Warm [29]	**[Blank]**=Carbon Bronze (Standard) **WT**=Summit White **BK**=Black **AP**=Grey **GM**=Graphite Metallic **DP**=Dark Platinum	**347V**=347V [2] **480V**=480V [2] **PC1**=Photocontrol 120V [3, 4, 5] **PC2**=Photocontrol 208-277V, 347V, 480V [4, 5, 6] **PC**=Photocontrol 120-277V, 347V, 480V [4, 7, 8] **KKIT**=Knuckle Floodlight Mount [7] **TRNKIT**=Trunnion Floodlight Mount **SFKIT**=Slipfitter Floodlight Mount **PMAKIT**=Pole Mount Arm **WPS2XX**=Wavelinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting Height [4, 9, 10, 11] **WPS4XX**=Wavelinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting Height [4, 9, 10, 11] **WLS2XX**=WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting [4, 9, 10, 11] **WLS4XX**=WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting [4, 9, 10, 11] **MSP/DIM-L12**=Integrated Sensor for Dimming Operation, 8' - 12' Mounting Height [4, 9, 12] **MSP/DIM-L30**=Integrated Sensor for Dimming Operation, 12' - 30' Mounting Height [4, 9, 12] **MSP-L12**=Integrated Sensor for ON/OFF Operation, 8' - 12' Mounting Height [4, 9, 12] **MSP-L30**=Integrated Sensor for ON/OFF Operation, 12' - 30' Mounting Height [4, 9, 12] **CBP**=Cold Weather Battery Pack [3, 14, 15, 16, 17, 18] **CBP-CEC**=Cold Weather Battery Pack, CEC compliant [3, 13, 14, 15, 16, 17] **10K**=10kV/10kA Surge Protection **HA**=50°C High Ambient [14, 18] **GRF**=Glare Reducing Lens [19] **AHD145**=After Hours Dim, 5 Hours [5, 20] **AHD245**=After Hours Dim, 6 Hours [5, 20] **AHD255**=After Hours Dim, 7 Hours [5, 20] **AHD355**=After Hours Dim, 8 Hours [5, 20]

Accessories (Order Separately) [21, 27]

VS/AXCS-XX=Vandal Shield Axcent Small [7, 22]
VS/AXCS-MS=Vandal Shield Axcent Small (With Motion Sensor) [7, 22]
WG/AXCS=Wire Guard Axcent Small [7]
WG/AXCS-MS=Wire Guard Axcent Small (With Motion Sensor) [7]
VS/AXCL-XX=Vandal Shield Axcent Large [5, 22]
VS/AXCL-MS=Vandal Shield Axcent (With Motion Sensor) [5, 22]
WG/AXCL=Wire Guard Axcent Large [5]
WG/AXCL-MS=Wire Guard Axcent (With Motion Sensor) [5]
BB/AXC=Axcent Lumen Select Back Box, Carbon Bronze [23]
BB/AXC-PC=Axcent Lumen Select Back Box with PC, Carbon Bronze [23, 24]
BB/AXC-WT=Axcent Lumen Select Back Box, Summit White [23]
BB/AXC-WT-PC=Axcent Lumen Select Back Box with PC, Summit White [23, 24]

KKIT/AXCS-XX=Knuckle and Visor Floodlight Kit (For Axcent Small) [7]
SFKIT/AXCS-XX=Slipfitter Floodlight Kit (For Axcent Small) [7]
TRNKIT/AXCS-XX=Trunnion and Visor Floodlight Kit (For Axcent Small) [7]
TRNKIT-XX=Trunnion Floodlight Kit (For Axcent Large) [5]
SFKIT-XX=Slipfitter Floodlight Kit (For Axcent Large) [5]
PMAKIT-XX=Pole Mount Kit
ISHH-01=Integrated Sensor Programming Remote [25]
MA1010-XX=Single Tenon Adapter for 3-1/2" O.D. Tenon
MA1011-XX=2@180° Tenon Adapter for 3-1/2" O.D. Tenon
MA1017-XX=Single Tenon Adapter for 2-3/8" O.D. Tenon
MA1018-XX=2@180° Tenon Adapter for 2-3/8" O.D. Tenon

NOTES:

1. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
2. Transformer used only when ordered with motion sensor or AXCS1 through AXCS5 or AXCL6 fixture wattages.
3. Not available in 347 or 480 VAC.
4. Button photocontrol and any motion sensor (MSP or LWR) not offered together.
5. Only available on AXCL6-AXCL12 models.
6. Used with 277, 347, and 480 VAC options.
7. Only available on AXCS1-AXCS5 models.
8. This configuration may contain materials that are not RoHS compliant. Contact your lighting representative for more information.
9. Uses deep back housing.
10. Sensor passive infrared (PIR) may be overly sensitive when operating below -20°C (-4°F). For the device to be field-configurable, requires WAC Gateway components WAC-PoE and WPOE-120 in appropriate quantities. Only compatible with WaveLinx system and software and requires system components to be installed for operation. See website for more Wavelinx application information.
11. Replace XX with sensor color (WH, BZ, or BK).
12. The ISHH-01 accessory is required to adjust parameters.
13. Ambient operating temperature -20°C to 25°C for AXCL6 through AXCL10. Ambient operating temperature -20°C to 30°C on AXCS4 models. Ambient operating temperature -20°C to 40°C on AXCS1 through AXCS3 models.
14. Not available with AXCS5 or AXCL12 models.
15. Uses deep back housing for AXCS1, AXCLS2, AXCS3, and AXCS4 models.
16. Not to be mounted in upwards / inverted orientation. Downlight wall mount only for AXCS1 through AXCS4.
17. CBP cannot be used with PC and motion sensor (MSP). CBP can be used with PC or motion sensor (MSP).
15. Uses deep back housing for AXCS1, AXCLS2, AXCS3, and AXCS4 models.
16. Not to be mounted in upwards / inverted orientation. Downlight wall mount only for AXCS1 through AXCS4.
17. CBP cannot be used with PC and motion sensor (MSP). CBP can be used with PC or motion sensor (MSP).
18. Can not be ordered with CBP or PC options.
19. Use dedicated IES files on product website for lumen values and distributions.
20. Requires the use of PC1 or PC2 button photocontrol. See After Hours Dim supplemental guide for additional information.
21. Replace XX with color designation.
22. For use with full cutoff lens configurations only.
23. Lumen Select functionality not available in conjunction with any motion sensor option (MSP). Photocontrol back box not available with any photocontrol or motion sensor options (PC, MSP).
24. Photocell only operates at 120-277V input voltages. Not for use with 347 or 480V systems.
25. This tool enables adjustment to parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult you lighting representative for more information.
26. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be seperately analyzed under domestic preference requirements.
27. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
28. Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the DOMESTIC PREFERENCES website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
29. DarkSky approved when ordered with 3000K or warmer CCT.

Stock Ordering Information

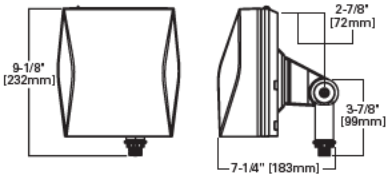
Model Series [1]			
Full Cutoff		Refractive Lens	
AXCS1A=12W	AXCL10A=102W	AXCS1ARL=12W	AXCL10ARL=89W
AXCS2A=16W	AXCL12A=123W	AXCS2ARL=16W	AXCL12ARL=116W
AXCS3A=23W	AXCL6A-347V=50W	AXCS3ARL=23W	AXCL6ARL-347V=50W
AXCS4A=38W	AXCL8A-347V=66W	AXCS4ARL=38W	AXCL8ARL-347V=66W
AXCS5A=45W	AXCL10A-347V=89W	AXCS5ARL=45W	AXCL10ARL-347V=89W
AXCL6A=56W	AXCL12A-347V=116W	AXCL6ARL=50W	AXCL12ARL-347V=116W
AXCL8A=72W		AXCL8ARL=66W	

Note: All stock configurations are 4000K color temperatures, standard Carbon Bronze finish, and wall mount configuration.

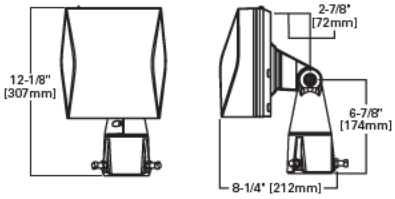
Lumark — AXCS / AXCL Axcent

Mounting Details

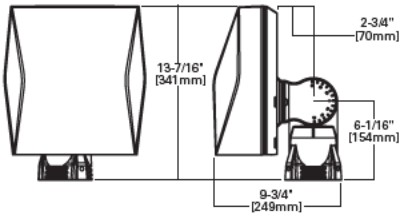
Knuckle Mount (Small)
Knuckle thread: 3/4" NPS



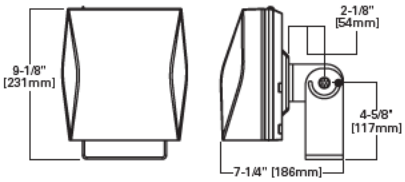
Slipfitter Mount (Small)
Tenon OD: 2-3/8" | **EPA**: 0.60



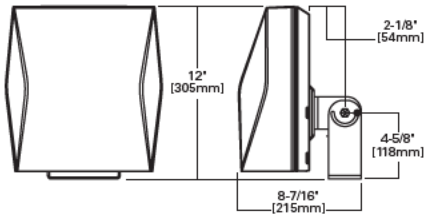
Slipfitter Mount (Large)
Tenon OD: 2-3/8" | **EPA**: 0.60



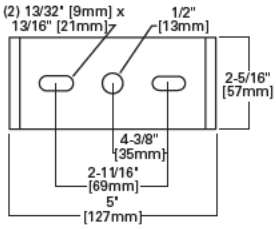
Trunnion Mount (Small)



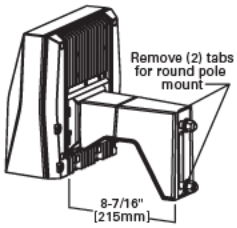
Trunnion Mount (Large)



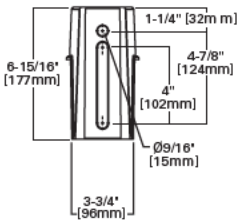
Trunnion Mount Detail



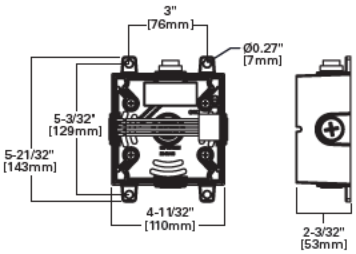
Pole Mount Arm (Large)
EPA: 1.10



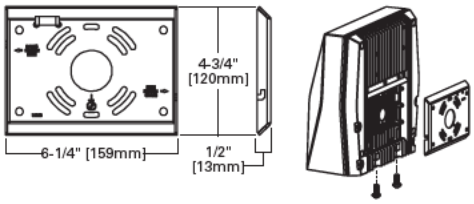
Pole Mount Arm Drill Pattern



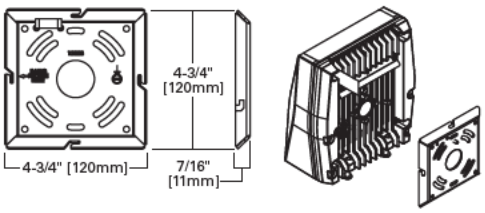
Lumen Select Back Box



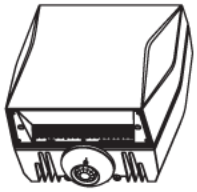
Wall Mount Plate Detail (Large)



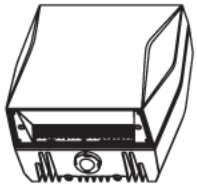
Wall Mount Plate Detail (Small)



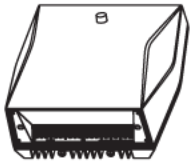
Wavelinx Sensor



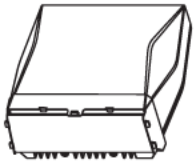
MSP Sensor



Button Photocontrol



Vandal Shield



Wire Guard

Lumark AXCS / AXCL Axcent

Product Specifications

Construction
- Die-cast aluminum housing
- External back fin design extracts heat from the surface to thermally optimize design for longer luminaire life

Optics
- Silicone-sealed optical LED chamber
- Acrylic refractive or full cutoff lens options for Type IV distributions

Electrical
- Standard universal voltage (120-277V, 50/60Hz)
- Driver incorporates 6kV surge protection
- <20% total harmonic distortion
- 0-10V dimming driver is standard with leads external to the fixture

Mounting
- Steel wedge mounting plate fits directly to 4" standard j-box or directly to wall with the "Hook-N-Lock" mechanism
- Stainless steel set screws
- Lumen Select Back Box accessory offers four 1/2" NPT conduit entry wire ways. Resistor Pack combinations allow field-dimming of 75% or 50% when connected to luminaire dimming leads
- Not suitable for indoor use when installed in inverted/uplight orientation

Emergency Egress
- Optional integral cold weather battery emergency egress includes emergency operation test switch, an AC-ON indicator light and a premium, maintenance-free battery pack
- The separate emergency lighting LEDs are wired to provide redundant emergency lighting. Listed to UL Standard 924, Emergency Lighting

Compliance
- cULus certified for use in -40°C to 40°C ambient environments
- Full cutoff models are IDA Certified 3000K and warmer only
- BAA domestic preference option meets BAA requirements. See DOMESTIC PREFERENCES website or consult the CLS Domestic Preferences team for more information
- FHWA and FTA agencies are utilizing their BAA rules for BABA compliance. Cooper's products with a BAA designation are manufactured in the US and utilize a BAA COTS exemption rule for compliance. To verify a configured product with specific accessories and options meet BABA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams.
- Please refer to the DOMESTIC PREFERENCES website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
- Components shipped separately may be separately analyzed under domestic preference requirements.

Finish
- Five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness

Shipping Data
- Small fixture=5 lbs. [2.36 kgs.]
- Small with sensor or CBP=10 lbs. [4.40 kgs.]
- Large fixture=12 lbs. [5.45 kgs.]
- Large with sensor or CBP=17 lbs. [7.73 kgs.]
- Large with sensor & CBP=21 lbs. [9.54 kgs.]

Warranty
- Five year limited warranty, consult website for details. www.cooperlighting.com/legal

Energy and Performance Data

Power and Lumens (Axcent Small)

Light Engine		AXCS1A	AXCS2A	AXCS3A	AXCS4A	AXCS5A
Power (Watts)		12	16	23	38	45
Input Current @ 120V (A)		0.10	0.13	0.19	0.32	0.38
Input Current @ 240V (A)		0.05	0.07	0.10	0.16	0.19
Input Current @ 277V (A)		0.04	0.06	0.08	0.14	0.16
Input Current @ 347V (A)		0.03	0.05	0.07	0.11	0.13
Input Current @ 480V (A)		0.03	0.03	0.05	0.08	0.09
Configuration						
Full Cutoff	4000K/5000K Lumens	1,786	2,589	3,551	5,500	6,348
	3000K Lumens	1,509	2,188	3,001	4,648	5,365
	BUG Rating	B1-U0-G0	B1-U0-G0	B1-U0-G0	B2-U0-G1	B2-U0-G1
Refractive Lens	4000K/5000K Lumens	1,894	2,745	3,765	5,832	6,731
	3000K Lumens	1,600	2,320	3,182	4,928	5,688
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U4-G3	B1-U4-G3

Lumark — AXCS / AXCL Axcent

Power and Lumens (Axcent Large)

Light Engine		AXCL6A	AXCL8A	AXCL10A	AXCL12A
Power (Watts)		50	66	89	115
Input Current @ 120V (A)		0.41	0.54	0.74	0.96
Input Current @ 240V (A)		0.21	0.27	0.37	0.48
Input Current @ 277V (A)		0.18	0.24	0.32	0.42
Input Current @ 347V (A)		0.14	0.19	0.26	0.33
Input Current @ 480V (A)		0.10	0.14	0.19	0.24
Configuration					
Full Cutoff	4000K Lumens	7,594	9,716	12,719	16,302
	5000K Rating	7,501	9,598	12,564	16,103
	3000K Lumens	6,502	8,319	10,890	13,958
	BUG Rating	B2-U0-G1	B2-U0-G2	B3-U0-G2	B3-U0-G2
Refractive Lens	4000K Lumens	7,809	10,331	13,665	16,637
	5000K Rating	7,714	10,205	13,498	16,434
	3000K Lumens	6,686	8,845	11,700	14,244
	BUG Rating	B1-U4-G4	B2-U5-G5	B2-U5-G5	B2-U5-G5

Power and Lumens (Small + CBP)

Light Engine		AXCS1A	AXCS2A	AXCS3A	AXCS4A
Power (Watts)		16	20	27	42
Input Current @ 120V (A)		0.13	0.17	0.23	0.35
Input Current @ 240V (A)		0.07	0.08	0.11	0.18
Input Current @ 277V (A)		0.06	0.07	0.10	0.15
Configuration					
Full Cutoff	4000K/5000K Lumens	742	792	789	644
	3000K Lumens	627	670	667	545
Refractive Lens	4000K/5000K Lumens	787	841	837	684
	3000K Lumens	664	710	708	655

Note: Power and current based on full power consumption while CBP is charging. Lumen outputs are while operating in emergency mode only.

Power and Lumens (Large + CBP)

Light Engine		AXCL6A	AXCL8A	AXCL10A
Power (Watts)		54	70	93
Input Current @ 120V (A)		0.45	0.58	0.77
Input Current @ 240V (A)		0.22	0.29	0.38
Input Current @ 277V (A)		0.19	0.25	0.33
Configuration				
Full Cutoff	4000K/5000K Lumens	141+10W=1410		
	3000K Lumens	122+10=1220		
Refractive Lens	4000K/5000K Lumens	151+10=1510		
	3000K Lumens	131+10=1310		

Note: Power and current based on full power consumption while CBP is charging. Lumen outputs are while operating in emergency mode only.

Power and Lumens Multipliers
(Lumen Select Back Box + Axcent Small)

Configuration		~75% Nominal Output	~50% Nominal Output
Catalog Number	Material Number	Connect per Installation Instructions	
AXCS1A*	13109741 or 13109939 or Other	74%	50%
AXCS2A*	13109698 or 13109938 or Other	74%	50%
AXCS3A*	13109697 or 13109937 or Other	74%	50%
AXCS4A*	13109695 or 13109936	75%	40%
AXCS4A*	13495299 or 13495470 or Other	72%	50%
AXCS5A*	13109652 or 13109935	75%	40%
AXCS5A*	13495471 or 13495472 or Other	72%	50%

Power and Lumens Multipliers
(Lumen Select Back Box + Axcent Large)

Configuration		~75% Nominal Output	~50% Nominal Output
Catalog Number	Material Number	Connect per Installation Instructions	
AXCL6A*	13645910 or 13645979	69%	47%
AXCL8A*	13645970 or 13645984	69%	47%
AXCL10A*	13645971 or 13645989	69%	47%
AXCL12A*	13645972 & 13645993	72%	49%

Lumark AXCS / AXCL Axcent

Energy and Performance Data

Lumen Maintenance (Axcent Small)

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)
Up to 3A	
25°C	88%
40°C	87%
50°C	87%
Up to 4A	
25°C	88%
40°C	87%
50°C	87%
Up to 5A	
25°C	87%
40°C	86%

Lumen Maintenance (Axcent Large)

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)
Up to 8A	
25°C	89%
40°C	87%
50°C	86%
Up to 10A	
25°C	88%
40°C	86%
50°C	85%
Up to 12A	
25°C	85%
40°C	82%

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.97

Control Options

0-10V This fixture is offered standard with 0-10V dimming driver(s) for use with a lighting control panel or other control method.

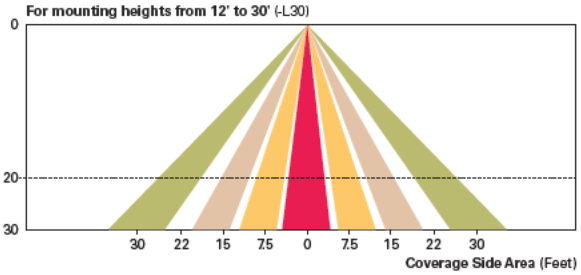
Photocontrol (PC1, PC2 and PC) Optional button-type photocontrol provides a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels.

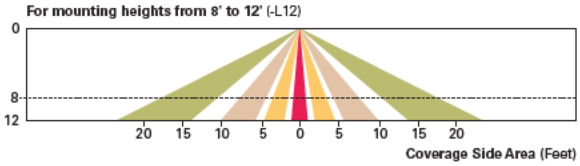
After Hours Dim (AHD) This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (MSP/DIM-LXX and MSP-LXX) These sensors are factory installed in the luminaire housing. When the MSP/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MSP/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of ten minutes. The MSP-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity.

These occupancy sensors includes an integrated photocell that can be activated with the ISHH-01 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is ON. The ISHH-01 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

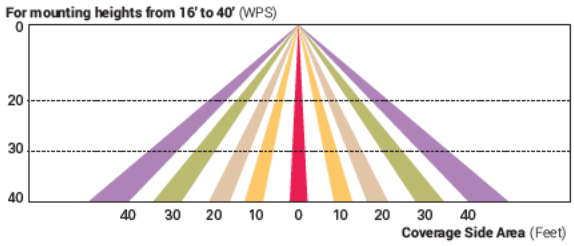
A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-30'.





WaveLinx Wireless Control and Monitoring System The WaveLinx Outdoor control platform operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. Use the WaveLinx Mobile application for set-up and configuration. At least one Wireless Area Controller (WAC) is required for full functionality and remote communication (including adjustment of any factory pre-sets).

WaveLinx Wireless Sensor (WPS2 and WPS4) These outdoor sensors offer passive infrared (PIR) occupancy and a photocell for closed loop daylight sensing. These sensors are factory preset to dim down to approximately 50 percent power after 15 minutes of no activity detected. These occupancy sensors include an integral photocell for "dusk-to-dawn" control or daylight harvesting that is factory-enabled. A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 7'-40'.



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Specifications and dimensions
subject to change without notice.

JUNO

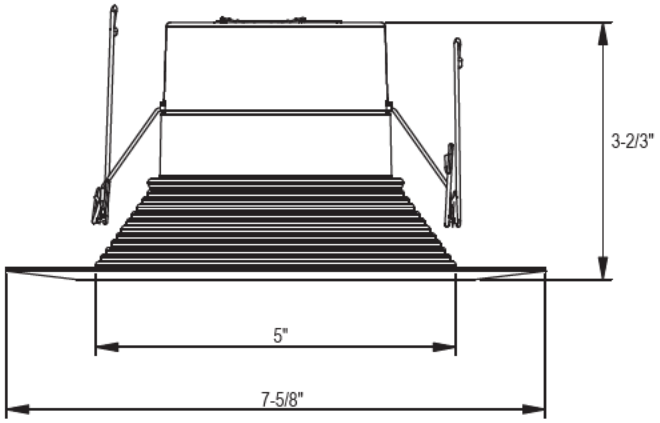
E Series LED Trim Kit

5"/6" Switchable White LED Downlight

Project:
Fixture Type:
Location:
Contact/Phone:

65BE/65SE SWW5 Series

Dimensions



Product Features

The 5"/6" recessed LED trim kit is the most economical means to create a well lit environment with exceptional energy efficiency and near zero maintenance. Great for retrofit into existing downlight cans or new construction and remodel applications. The LED downlight maintains at least 70% light output for 50,000 hours.

- 5 switchable white color temperatures to choose from via switch; 2700K, 3000K, 3500K, 4000K, 5000K CCT; 90 CRI
- Lumens: 900L standard, 1200 w/ HL option
- Adjustable torsion spring allows fitment into many 5" and 6" cans
- Baffle or smooth trim options with designer color finish trim inserts (sold separately)

Applications

- Retrofit into existing downlight cans or new and remodel construction in residential and light commercial applications
- Suitable for installation in standard and shallow-height rough-in sections
- Wet rated and air-loc: perfect for showers, bathrooms, and outdoor soffits

Performance

Delivered Lumens	Nominal 900L; 1200L at 3000K
LED Color Temperature	Switchable White (2700K, 3000K, 3500K, 4000K, 5000K) Default set at 3000K
CRI	90+
Voltage	Dedicated 120V
Dimming	Dimmable flicker-free dimming from 100% to10%

For a list of compatible dimmers see JUNOESERIES-DIM

Specifications

Aperture: 5"
Ceiling opening: 5.25"
Overlap trim: 7.62"
Height: 3.67"

Ships with:

E26 Adapter

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65BE/65SE SWW5

JUNO E Series LED Trim Kit

5"/6" Switchable White LED Downlight

Looking for Contractor Select readily available configurations? Click here to visit Contractor Select™ spec sheet or go to www.contractorselect.com

ORDERING INFORMATION

Downlight

Example: 65BEMW SWW5 90CRI

Series		LED		Color Temperature		Rendering Index	
65BEMW	6" Juno E Series Baffle Trim Kit	**(Blank)**	Standard Lumen (900L)	**SWW5**	Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	**90CRI**	90+ CRI
65SEMW	6" Juno E Series Smooth Trim Kit	**HL**	Hi Lumen (1200L)				

Notes
1. Contractor Pack packaging option available on 65BEMW and 65SEMW high lumen

Accessories: *Order as separate catalog number.*	
TSA6 J6	6" torsion spring adaptor (pack of 6)
LEDRETROWHIP	Replacement E26 screw base adapter for installation into incandescent housings

Contractor Pack (CP6) Ordering Examples:

Example 1: Ordered in Qty of 1
Ordered Line: Qty: 1 65SEMW HL SWW5 90CRI CP6 M2
*Will receive 1 box with 6 units not individually packaged

Example 2: Ordered in Qty of 2
Ordered Line: Qty: 2 65SEMW HL SWW5 90CRI CP6 M2
*Will receive 1 master carton that includes 2 separate boxes with 6 units in each box not individually packaged

Pairs perfectly with Juno housings for a complete downlight solution: Order housings as separate catalog number.

QC6 Series - New Construction Quick Connect LED Housing

QC6R Series - New Construction Quick Connect LED Housing

TRIM INSERTS

TRIM INSERTS (for field configuration; ordered separately) **Example:** 65SEBN R4

Series/Finish				Packaging	
65BEMB	6" Baffle, Matte Black	**65SEMB**	6" Smooth, Matte Black	R4	Retail Pack of 4 units
65BEBN	6" Baffle, Matte Nickel	**65SEBN**	6" Smooth, Brush Nickel		
65BEORB	6" Baffle, Oil-Rubbed Bronze	**65SEORB**	6" Smooth, Oil-Rubbed Bronze		

6" Baffle, Matte Black **(65BEMB)**

6" Baffle, Brush Nickel **(65BEBN)**

6" Baffle, Oil-Rubbed Bronze **(65BEORB)**

6" Smooth, Matte Black **(65SEMB)**

6" Smooth, Brush Nickel **(65SEBN)**

6" Smooth, Oil-Rubbed Bronze **(65SEORB)**

Pre-Install color finish trim insert over white 6" E Series downlight.

Press down color finish tabs for post-installation to create final LED 6" downlight.

65BE/65SE SWW5

JUNO

E Series LED Trim Kit

5"/6" Switchable White LED Downlight

Specifications

LED Downlight Trim Kit
Aluminum spun reflector with deep regression for reduced glare • Inner reflector cone funnels light through the pressed-in diffused lens • All-in-one design where LED light engine mounts directly to trim for ease of installation into existing 5" or 6" recessed housings with medium base sockets • Provided with torsion springs.

LED Light Engine
LEDs are mounted directly to aluminum housing providing superior thermal management to ensure long life • Switchable white LED color temperature technology offers 2700K, 3000K, 3500K, 4000K, 5000K all in one trim • 90 CRI minimum • Accommodates 120 volts DC at 60Hz • Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers • For a list of compatible dimmers, see JUNOESERIES-DIM.

Electrical Connections
Trim features quick connect plug installed as standard for installation into Juno quick connect housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 5" or 6" incandescent housings with medium base sockets.

Optical System
Diffused lens at end of mixing chamber to provide even light distribution for general illumination • 900L is equivalent to 75W BR30 lamp • 1200L is equivalent to 120W PAR30 lamp.

Designer Color Finish Trim Inserts (sold separately)
Color Finish Trim inserts are accessory rings that attach to the 65BE/65SE trim kit for a permanent finish. The finishes are available in Baffle or Smooth option:

- Black
- Brush Nickel
- Oil-Rubbed Bronze

Life
Rated for 50,000 hours at 70% lumen maintenance.

Labels
CSA certified to US and Canadian safety standards • ENERGY STAR® certified product • Suitable for wet location • Air-Loc certified in accordance with ASTM E283-2004 • NOM Certified • Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements • T20 Certified.

Testing
All reports are based on published industry procedures; field performance may differ from laboratory performance.

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

Specifications subject to change without notice.

PERFORMANCE DATA

	65BE/65SE 900L	65BE/65SE 1200L
Input Voltage	120V	120V
Input Power Typical	10.5W (+/-5%)	13.9W (+/-5%)
Power Factor	.9	.9
Frequency	60 Hz	60 HZ
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-20°C (-4°F) minimum	-20°C (-4°F) minimum

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.

65BEMW HL SWW5 90CRI M6

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE	
Light Appearance (CCT) Aspect de la lumière (CCT)	
2700K soft white | blanc doux	
1160 lumens | 88 lumens per watt	
3000K warm white | blanc chaud	
1190 lumens | 87 lumens per watt	
3500K neutral white | blanc neutre	
1203 lumens | 87 lumens per watt	
4000K cool white | blanc froid	
1216 lumens | 86 lumens per watt	
5000K daylight | blanc neutre	
1224 lumens | 83 lumens per watt	
Watts	13.9
Color Accuracy (CRI) Précision des couleurs (CRI)	90

65BEMW SWW5 90CRI M6

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE	
Light Appearance (CCT) Aspect de la lumière (CCT)	
2700K soft white | blanc doux	
882 lumens | 84 lumens per watt	
3000K warm white | blanc chaud	
891 lumens | 85 lumens per watt	
3500K neutral white | blanc neutre	
913 lumens | 87 lumens per watt	
4000K cool white | blanc froid	
921 lumens | 88 lumens per watt	
5000K daylight | blanc neutre	
931 lumens | 89 lumens per watt	
Watts	10.5
Color Accuracy (CRI) Précision des couleurs (CRI)	90

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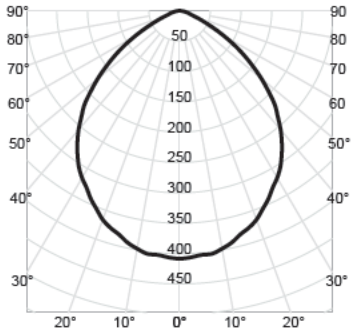
JUNO E Series LED Trim Kit

5"/6" Switchable White LED Downlight

PHOTOMETRICS

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

65BEMW SWW5 90CRI, 2700K, Input Watts: 10.4, Delivered Lumens: 882, LPW: 84.8, S/MH: 1.15, Test No: ISF 202495P1



CP Summary

0°	
0°	409
5°	404
15°	382
25°	342
35°	290
45°	219
55°	128
65°	46
75°	14
85°	3
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	311	35%
0° - 40°	497	56%
0° - 60°	800	91%
0° - 90°	882	100%
90° - 180°	0	0%
0° - 180°	882	100%

Coefficients of Utilization

ρf ρc	ρw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	20% 50% 50%	20% 50% 30%	20% 50% 10%
	0	119	119	119	116	116	116	111	111	111
	1	107	104	100	105	102	99	101	98	96
	2	96	90	85	94	88	84	90	86	82
	3	85	78	73	84	77	72	81	75	71
	4	77	69	63	75	68	63	73	67	62
	5	69	61	55	68	61	55	66	59	54
	6	63	55	49	62	54	49	60	53	48
	7	57	49	44	57	49	43	55	48	43
	8	53	45	39	52	44	39	51	44	39
	9	48	41	36	48	40	35	47	40	35
	10	45	37	32	44	37	32	43	37	32

Cone of Light

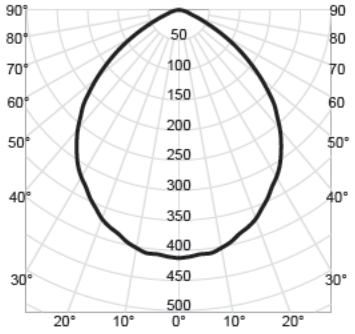
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	11.4	12.7
8.0	6.4	16.9
10.0	4.1	21.1
12.0	2.8	25.3
14.0	2.1	29.6

Beam Angle: 93.1°
Field Angle: 136.0°

Luminance (cd/sq.m)

Average Luminance	
0°	31,746
45°	24,093
55°	17,402
65°	8,524
75°	4,350
85°	2,583

65BEMW SWW5 90CRI, 3000K, Input Watts: 10.4, Delivered Lumens: 891, LPW: 85.7, S/MH: 1.15, Test No: ISF 202495P2



CP Summary

0°	
0°	413
5°	408
15°	385
25°	345
35°	293
45°	222
55°	130
65°	47
75°	15
85°	3
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	314	35%
0° - 40°	502	56%
0° - 60°	808	91%
0° - 90°	891	100%
90° - 180°	0	0%
0° - 180°	891	100%

Coefficients of Utilization

ρf ρc	ρw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	20% 50% 50%	20% 50% 30%	20% 50% 10%
	0	119	119	119	116	116	116	111	111	111
	1	107	104	100	105	102	99	101	98	96
	2	96	90	85	94	88	84	90	86	82
	3	85	78	73	84	77	72	81	75	71
	4	77	69	63	75	68	63	73	67	62
	5	69	61	55	68	61	55	66	59	54
	6	63	55	49	62	54	49	60	53	48
	7	57	49	44	57	49	43	55	48	43
	8	53	45	39	52	44	39	51	44	39
	9	48	41	36	48	40	35	47	40	35
	10	45	37	32	44	37	32	43	37	32

Cone of Light

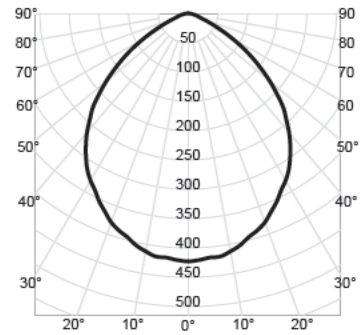
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	11.5	12.7
8.0	6.4	16.9
10.0	4.1	21.1
12.0	2.9	25.3
14.0	2.1	29.6

Beam Angle: 93.1°
Field Angle: 136.0°

Luminance (cd/sq.m)

Average Luminance	
0°	32,070
45°	24,339
55°	17,580
65°	8,611
75°	4,394
85°	2,610

65BEMW SWW5 90CRI, 3500K, Input Watts: 10.4, Delivered Lumens: 913, LPW: 87.8, S/MH: 1.15, Test No: ISF 202495P3



CP Summary

0°	
0°	423
5°	418
15°	395
25°	354
35°	300
45°	227
55°	133
65°	48
75°	15
85°	3
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	322	35%
0° - 40°	514	56%
0° - 60°	828	91%
0° - 90°	913	100%
90° - 180°	0	0%
0° - 180°	913	100%

Coefficients of Utilization

ρf ρc	ρw	80% 50%	80% 30%	80% 10%	20% 70% 50%	20% 70% 30%	20% 70% 10%	20% 50% 50%	20% 50% 30%	20% 50% 10%
	0	119	119	119	116	116	116	111	111	111
	1	107	104	100	105	102	99	101	98	96
	2	96	90	85	94	88	84	90	86	82
	3	85	78	73	84	77	72	81	75	71
	4	77	69	63	75	68	63	73	67	62
	5	69	61	55	68	61	55	66	59	54
	6	63	55	49	62	54	49	60	53	48
	7	57	49	44	57	49	43	55	48	43
	8	53	45	39	52	44	39	51	44	39
	9	48	41	36	48	40	35	47	40	35
	10	45	37	32	44	37	32	43	37	32

Cone of Light

Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	11.8	12.7
8.0	6.6	16.9
10.0	4.2	21.1
12.0	2.9	25.3
14.0	2.2	29.6

Beam Angle: 93.1°
Field Angle: 136.0°

Luminance (cd/sq.m)

Average Luminance	
0°	32,864
45°	24,941
55°	18,015
65°	8,824
75°	4,503
85°	2,674

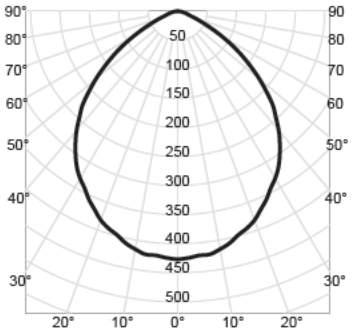
JUNO E Series LED Trim Kit

5"/6" Switchable White LED Downlight

PHOTOMETRICS

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

65BEMW SWW5 90CRI, 4000K, Input Watts: 10.4, Delivered Lumens: 921, LPW: 88.6, S/MH: 1.15, Test No: ISF 202495P4



CP Summary 0°		Zonal Lumen Summary Zone	Lumens	% Fixture
0°	427	0° - 30°	324	35%
5°	422	0° - 40°	519	56%
15°	398	0° - 60°	836	91%
25°	357	0° - 90°	921	100%
35°	303	90° - 180°	0	0%
45°	229	0° - 180°	921	100%
55°	134			
65°	48			
75°	15			
85°	3			
90°	0			

Coefficients of Utilization

ρf	ρc	80%			20%			50%		
ρw		50%	30%	10%	50%	30%	10%	50%	30%	10%
0		119	119	119	116	116	116	111	111	111
1		107	104	100	105	102	99	101	98	96
2		96	90	85	94	88	84	90	86	82
3		85	78	73	84	77	72	81	75	71
4		77	69	63	75	68	63	73	67	62
5		69	61	55	68	61	55	66	59	54
6		63	55	49	62	54	49	60	53	48
7		57	49	44	57	49	43	55	48	43
8		53	45	39	52	44	39	51	44	39
9		48	41	36	48	40	35	47	40	35
10		45	37	32	44	37	32	43	37	32

Cone of Light

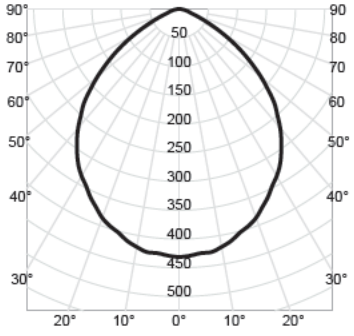
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	11.9	12.7
8.0	6.7	16.9
10.0	4.3	21.1
12.0	3.0	25.3
14.0	2.2	29.6

Beam Angle: 93.1°
Field Angle: 136.0°

Luminance (cd/sq.m)

	Average Luminance
0°	33,153
45°	25,161
55°	18,174
65°	8,902
75°	4,542
85°	2,698

65BEMW SWW5 90CRI, 5000K, Input Watts: 10.4, Delivered Lumens: 931, LPW: 89.5, S/MH: 1.15, Test No: ISF 202495P5



CP Summary 0°		Zonal Lumen Summary Zone	Lumens	% Fixture
0°	431	0° - 30°	328	35%
5°	426	0° - 40°	524	56%
15°	403	0° - 60°	845	91%
25°	361	0° - 90°	931	100%
35°	306	90° - 180°	0	0%
45°	231	0° - 180°	931	100%
55°	136			
65°	49			
75°	15			
85°	3			
90°	0			

Coefficients of Utilization

ρf	ρc	80%			20%			50%		
ρw		50%	30%	10%	50%	30%	10%	50%	30%	10%
0		119	119	119	116	116	116	111	111	111
1		107	104	100	105	102	99	101	98	96
2		96	90	85	94	88	84	90	86	82
3		85	78	73	84	77	72	81	75	71
4		77	69	63	75	68	63	73	67	62
5		69	61	55	68	61	55	66	59	54
6		63	55	49	62	54	49	60	53	48
7		57	49	44	57	49	43	55	48	43
8		53	45	39	52	44	39	51	44	39
9		48	41	36	48	40	35	47	40	35
10		45	37	32	44	37	32	43	37	32

Cone of Light

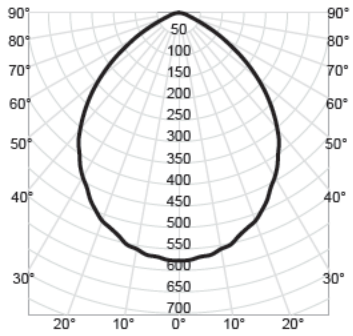
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	12.0	12.7
8.0	6.7	16.9
10.0	4.3	21.1
12.0	3.0	25.3
14.0	2.2	29.6

Beam Angle: 93.1°
Field Angle: 136.0°

Luminance (cd/sq.m)

	Average Luminance
0°	33,513
45°	25,434
55°	18,371
65°	8,999
75°	4,592
85°	2,727

65BEMW SWW5 HL 90CRI, 2700K, Input Watts: 14.5, Delivered Lumens: 1230, LPW: 84.8, S/MH: 1.14, Test No: ISF 202133P1



CP Summary 0°		Zonal Lumen Summary Zone	Lumens	% Fixture
0°	577	0° - 30°	438	36%
5°	570	0° - 40°	697	57%
15°	537	0° - 60°	1,118	91%
25°	481	0° - 90°	1,230	100%
35°	399	90° - 180°	0	0%
45°	297	0° - 180°	1,230	100%
55°	172			
65°	61			
75°	19			
85°	3			
90°	0			

Coefficients of Utilization

ρf	ρc	80%			20%			50%		
ρw		50%	30%	10%	50%	30%	10%	50%	30%	10%
0		119	119	119	116	116	116	111	111	111
1		107	104	101	105	102	99	101	98	96
2		96	90	85	94	89	84	90	86	82
3		86	78	73	84	77	72	81	76	71
4		77	69	63	76	68	63	73	67	62
5		69	61	55	68	61	55	66	60	55
6		63	55	49	62	54	49	60	54	48
7		58	49	44	57	49	44	55	48	43
8		53	45	39	52	45	39	51	44	39
9		49	41	36	48	41	36	47	40	36
10		45	38	33	45	37	33	44	37	32

Cone of Light

Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	16.0	12.3
8.0	9.0	16.4
10.0	5.8	20.4
12.0	4.0	24.5
14.0	2.9	28.6

Beam Angle: 91.3°
Field Angle: 135.8°

Luminance (cd/sq.m)

	Average Luminance
0°	44,848
45°	32,628
55°	23,364
65°	11,170
75°	5,590
85°	2,621

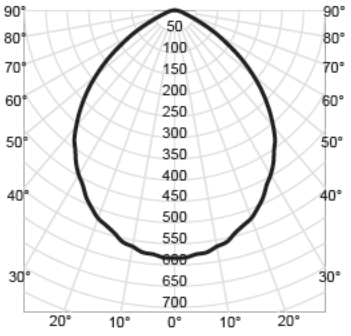
JUNO E Series LED Trim Kit

5"/6" Switchable White LED Downlight

PHOTOMETRICS

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

65BEMW SWW5 HL 90CRI, 3000K, Input Watts: 14.5, Delivered Lumens: 1244, LPW: 85.8, S/MH: 1.14, Test No: ISF 202133P2



CP Summary 0°	
0°	584
5°	577
15°	543
25°	487
35°	403
45°	300
55°	174
65°	61
75°	19
85°	3
90°	0

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0° - 30°	443	36%
0° - 40°	705	57%
0° - 60°	1,131	91%
0° - 90°	1,244	100%
90° - 180°	0	0%
0° - 180°	1,244	100%

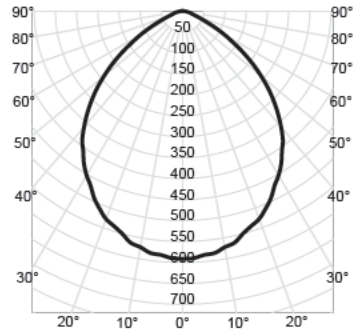
Coefficients of Utilization										
ρf		80%			20%			50%		
ρc					70%					
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	107	104	101	105	102	99	101	98	96
2	96	90	85	94	89	84	90	86	82
3	86	78	73	84	77	72	81	76	71
4	77	69	63	76	68	63	73	67	62
5	69	61	55	68	61	55	66	60	55
6	63	55	49	62	54	49	60	54	48
7	58	49	44	57	49	44	55	48	43
8	53	45	39	52	45	39	51	44	39
9	49	41	36	48	41	36	47	40	36
10	45	38	33	45	37	33	44	37	32

Cone of Light		
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	16.2	12.3
8.0	9.1	16.4
10.0	5.8	20.4
12.0	4.1	24.5
14.0	3.0	28.6

Beam Angle: 91.3°
Field Angle: 135.8°

Luminance (cd/sq.m)	
	Average Luminance
0°	45,359
45°	33,000
55°	23,631
65°	11,298
75°	5,653
85°	2,651

65BEMW SWW5 HL 90CRI, 3500K, Input Watts: 14.5, Delivered Lumens: 1260, LPW: 86.9, S/MH: 1.14, Test No: ISF 202133P3



CP Summary 0°	
0°	591
5°	584
15°	550
25°	493
35°	409
45°	304
55°	177
65°	62
75°	19
85°	3
90°	0

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0° - 30°	448	36%
0° - 40°	715	57%
0° - 60°	1,145	91%
0° - 90°	1,260	100%
90° - 180°	0	0%
0° - 180°	1,260	100%

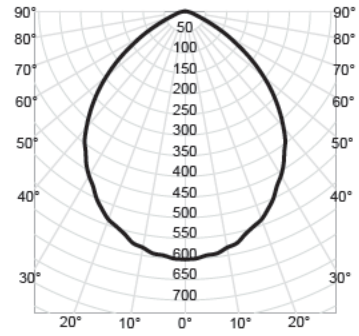
Coefficients of Utilization										
ρf		80%			20%			50%		
ρc					70%					
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	107	104	101	105	102	99	101	98	96
2	96	90	85	94	89	84	90	86	82
3	86	78	73	84	77	72	81	76	71
4	77	69	63	76	68	63	73	67	62
5	69	61	55	68	61	55	66	60	55
6	63	55	49	62	54	49	60	54	48
7	58	49	44	57	49	44	55	48	43
8	53	45	39	52	45	39	51	44	39
9	49	41	36	48	41	36	47	40	36
10	45	38	33	45	37	33	44	37	32

Cone of Light		
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	16.4	12.3
8.0	9.2	16.4
10.0	5.9	20.4
12.0	4.1	24.5
14.0	3.0	28.6

Beam Angle: 91.3°
Field Angle: 135.8°

Luminance (cd/sq.m)	
	Average Luminance
0°	45,944
45°	33,425
55°	23,935
65°	11,443
75°	5,726
85°	2,685

65BEMW SWW5 HL 90CRI, 4000K, Input Watts: 14.5, Delivered Lumens: 1280, LPW: 88.3, S/MH: 1.14, Test No: ISF 202133P4



CP Summary 0°	
0°	601
5°	594
15°	559
25°	501
35°	415
45°	309
55°	180
65°	63
75°	19
85°	3
90°	0

Zonal Lumen Summary		
Zone	Lumens	% Fixture
0° - 30°	456	36%
0° - 40°	726	57%
0° - 60°	1,163	91%
0° - 90°	1,280	100%
90° - 180°	0	0%
0° - 180°	1,280	100%

Coefficients of Utilization										
ρf		80%			20%			50%		
ρc					70%					
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	107	104	101	105	102	99	101	98	96
2	96	90	85	94	89	84	90	86	82
3	86	78	73	84	77	72	81	76	71
4	77	69	63	76	68	63	73	67	62
5	69	61	55	68	61	55	66	60	55
6	63	55	49	62	54	49	60	54	48
7	58	49	44	57	49	44	55	48	43
8	53	45	39	52	45	39	51	44	39
9	49	41	36	48	41	36	47	40	36
10	45	38	33	45	37	33	44	37	32

Cone of Light		
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	16.7	12.3
8.0	9.4	16.4
10.0	6.0	20.4
12.0	4.2	24.5
14.0	3.1	28.6

Beam Angle: 91.3°
Field Angle: 135.8°

Luminance (cd/sq.m)	
	Average Luminance
0°	46,674
45°	33,956
55°	24,315
65°	11,625
75°	5,817
85°	2,728

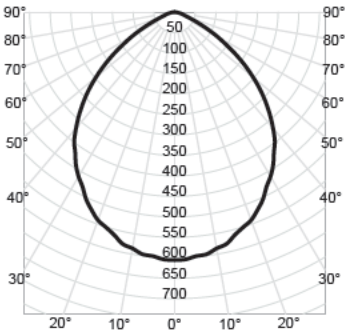
JUNO E Series LED Trim Kit

5"/6" Switchable White LED Downlight

PHOTOMETRICS

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

65BEMW SWW5 HL 90CRI, 5000K, Input Watts: 14.5, Delivered Lumens: 1290, LPW: 89.0, S/MH: 1.14, Test No: ISF 202133P5



CP Summary

	0°
0°	605
5°	598
15°	563
25°	505
35°	418
45°	311
55°	181
65°	64
75°	20
85°	3
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	459	36%
0° - 40°	732	57%
0° - 60°	1,172	91%
0° - 90°	1,290	100%
90° - 180°	0	0%
0° - 180°	1,290	100%

Coefficients of Utilization

ρf	80%			20%			50%		
ρc	70%			70%			50%		
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	107	104	101	105	102	99	101	98	96
2	96	90	85	94	89	84	90	86	82
3	86	78	73	84	77	72	81	76	71
4	77	69	63	76	68	63	73	67	62
5	69	61	55	68	61	55	66	60	55
6	63	55	49	62	54	49	60	54	48
7	58	49	44	57	49	44	55	48	43
8	53	45	39	52	45	39	51	44	39
9	49	41	36	48	41	36	47	40	36
10	45	38	33	45	37	33	44	37	32

Cone of Light

Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	16.8	12.3
8.0	9.5	16.4
10.0	6.1	20.4
12.0	4.2	24.5
14.0	3.1	28.6

Beam Angle: 91.3°
Field Angle: 135.8°

Luminance (cd/sq.m)

	Average Luminance
0°	47,039
45°	34,222
55°	24,506
65°	11,716
75°	5,863
85°	2,749

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NEW EQUESTRIAN BUILDING: LEGACY ROSE FARMS
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
TRUCK TURNING MOTION

NO.	DATE	REVISION
#		#
#		#
#		#
#		#
#		#
#		#

DESIGNED BDW | DRAWN BDJ

PROJECT NO. L0905-09-25-00507

DATE APRIL 13, 2026

SHEET NO. EX1

McMAHON ENGINEERS ARCHITECTS
McMAHON ASSOCIATES, INC.
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957-1025
PH 920.751.4200 FX 920.751.4284 MCMGRP.COM

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P.L.

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PARCEL #: 006004103
SYLVESTER J YOGERST
9619 OAKWOOD AVE

NORTH

SCALE – FEET
20 10 0 20

bjones, W:\PROJECTS\L0905\0925005O7\CADD\Civil3D\Plan Sheets\Site Plan 2-25-26.dwg, Truck turning motion, Plot Date: 4/10/2026 2:44 PM, xrefs:####

Fox Cities Builders
EXPERIENCE THE BEST

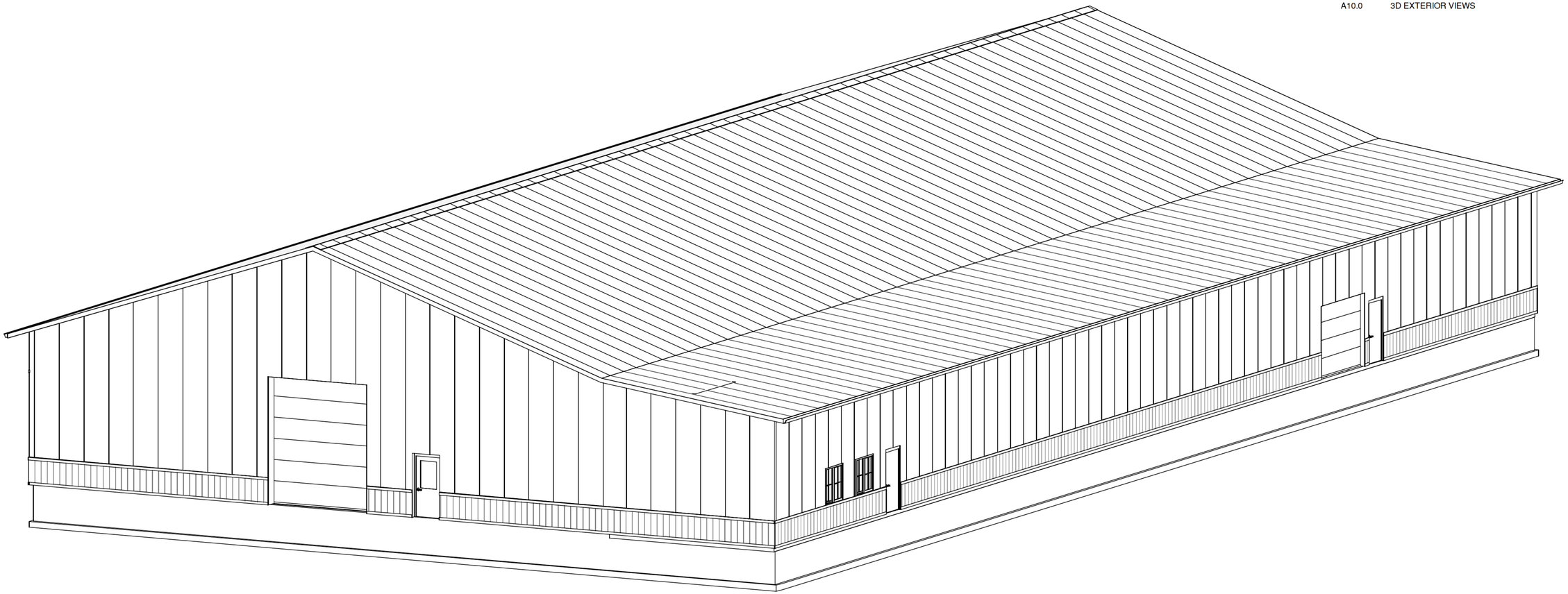
PROPOSED RIDING ARENA

Neenah, WI 54956

03/12/2026

SHEET LIST

T1.0	TITLE SHEET
G1	GENERAL NOTES
G2	ADA CLEARANCES
A1.1	OVERALL BUILDING LAYOUT
A3.0	BUILDING SECTIONS
A3.1	BUILDING SECTIONS
A3.2	BUILDING SECTIONS
A3.3	BUILDING SECTIONS
A3.4	BUILDING SECTIONS
A4.0	EXTERIOR BUILDING ELEVATIONS
A4.1	EXTERIOR BUILDING ELEVATIONS
A6.0	SCHEDULES
A8.0	REFLECTED CEILING PLANS
A10.0	3D EXTERIOR VIEWS



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PLAN BID SET

PROPOSED RIDING ARENA
Neenah, WI 54956

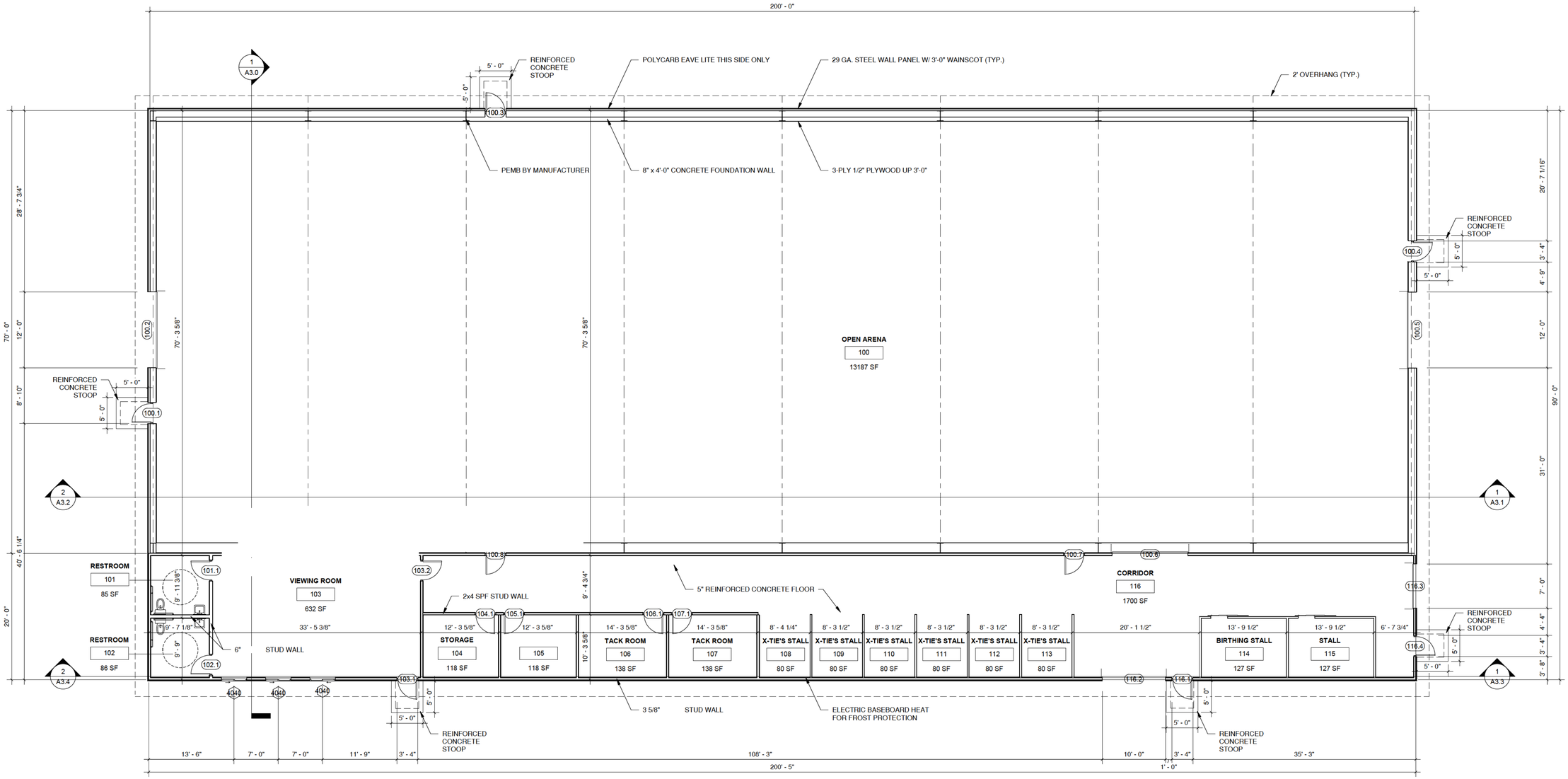
SALES REP: ANDREW WALLACE 920-595-0345
03/12/2026

#	Date	Description

Project Status
PROJECT #: 25198
DRAWN BY: ACE
CHECKED BY: XX

TITLE SHEET

T1.0



1 LEVEL 1 - PROPOSED FLOOR PLAN
SCALE: 1/8" = 1'-0"

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SALES REP: ANDREW WALLACE 920-595-0345
04/09/2026

#	Date	Description

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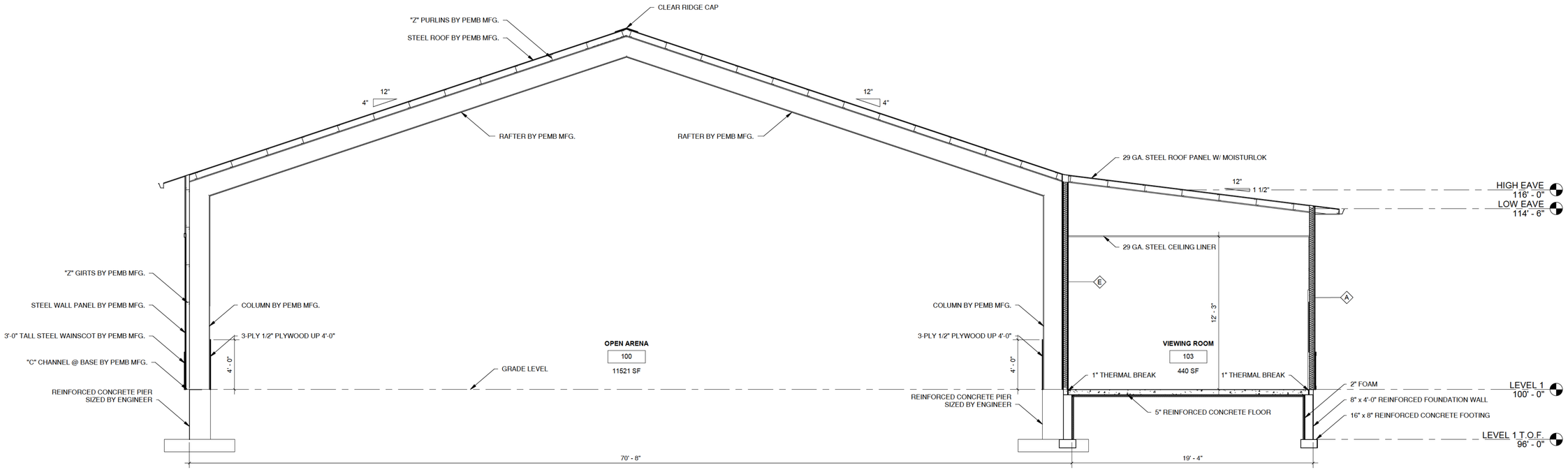
OVERALL BUILDING LAYOUT

A1.1



1 SECTION 01
SCALE: 1/4" = 1'-0"

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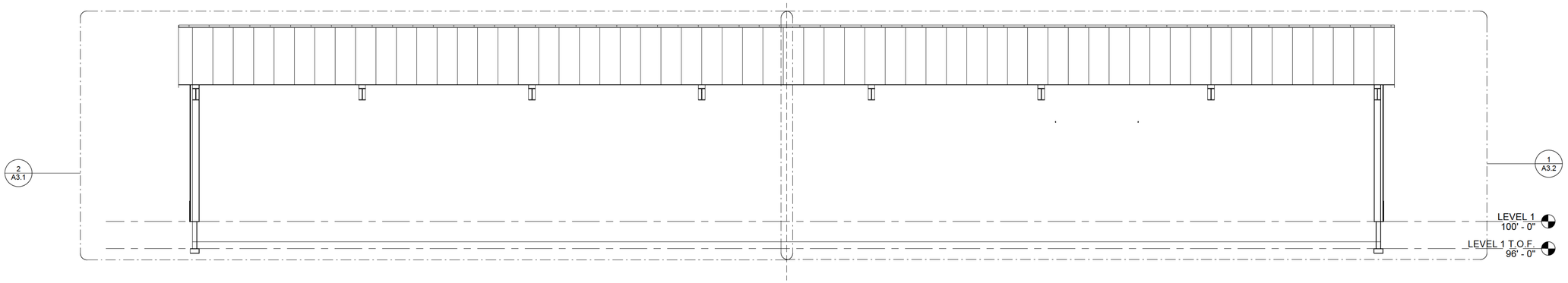
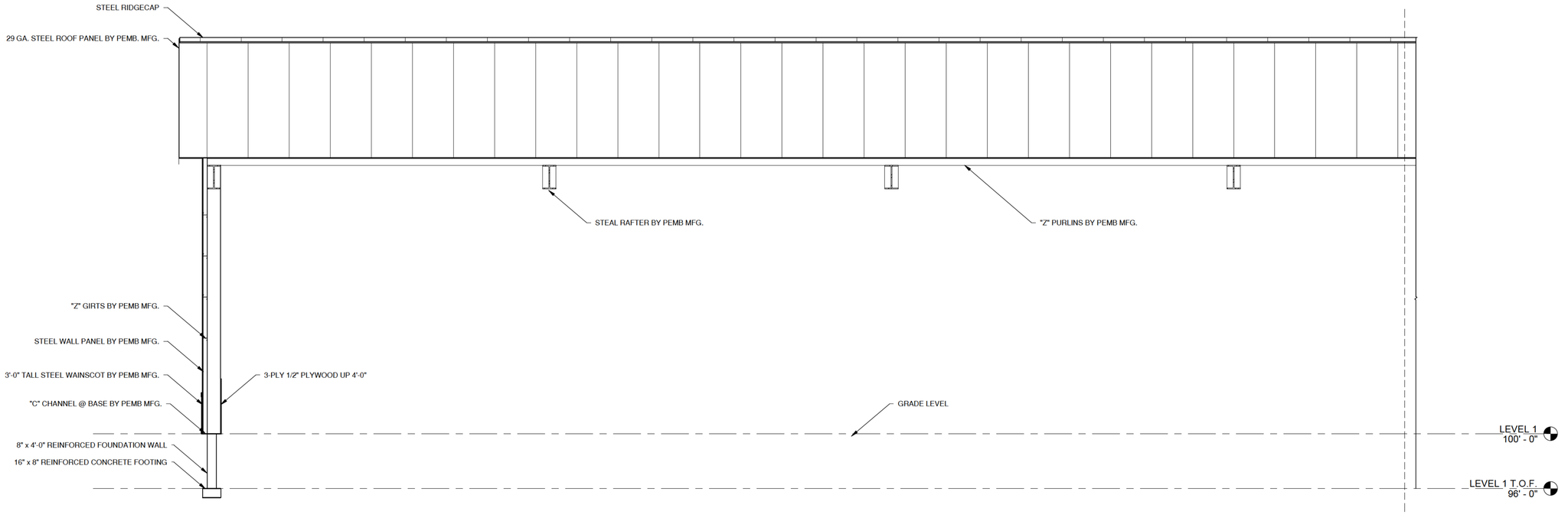
BUILDING SECTIONS

A3.0



1 SECTION 02a
SCALE: 1/8" = 1'-0"



2 SECTION 02 - WEST SIDE
SCALE: 1/4" = 1'-0"

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SALES REP: ANDREW WALLACE 920-595-0345
03/12/2026

#	Date	Description

Project Status
PROJECT #: 25198
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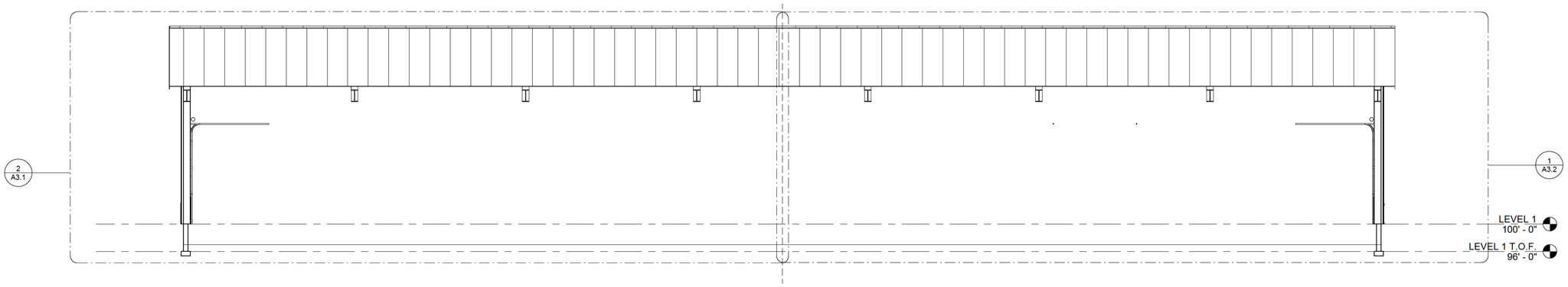
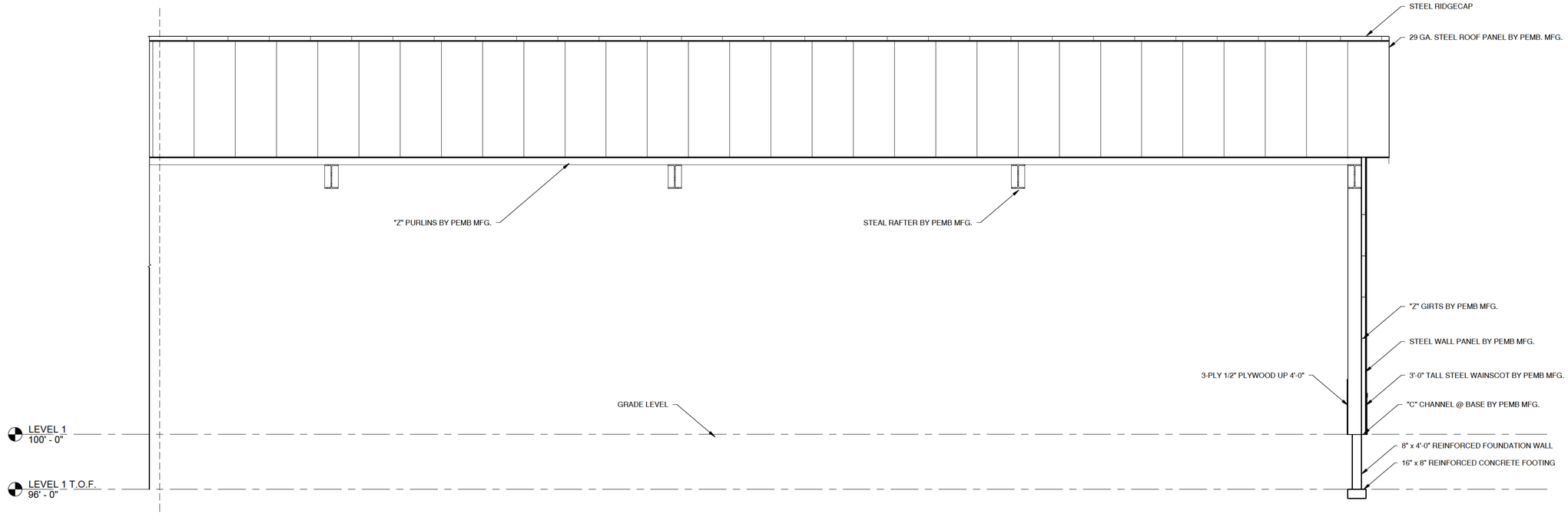
BUILDING SECTIONS

A3.1



2 SECTION 02b
SCALE: 1/8" = 1'-0"



1 SECTION 02 - EAST SIDE
SCALE: 1/4" = 1'-0"

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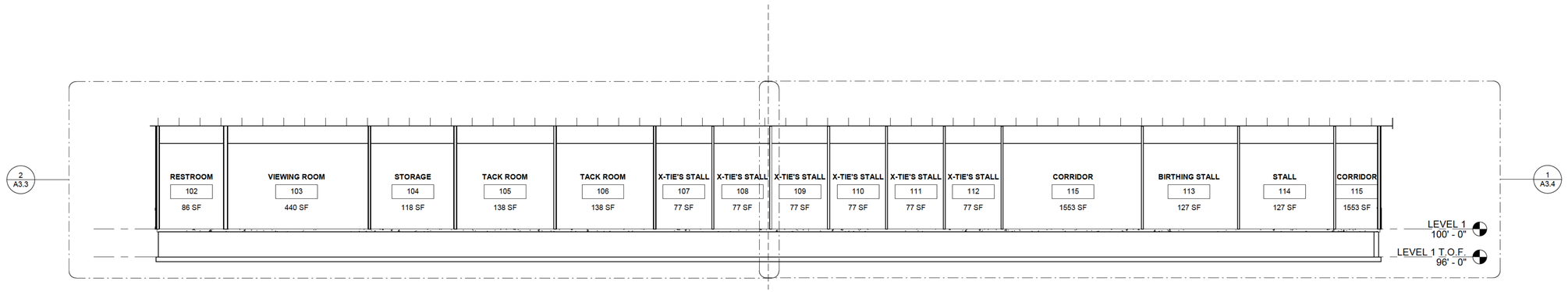
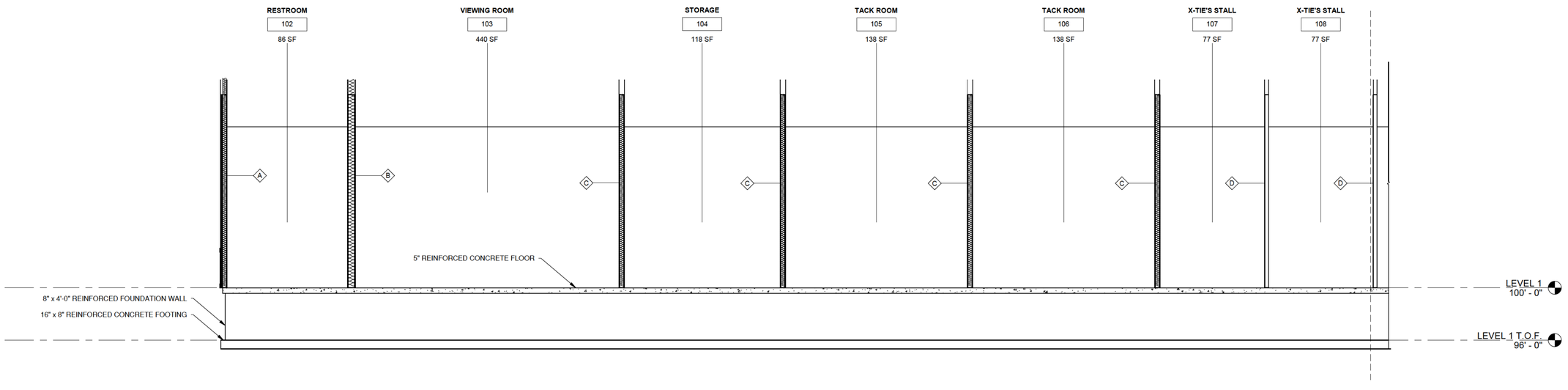
BUILDING SECTIONS

A3.2



1 SECTION 03a
SCALE: 1/8" = 1'-0"



2 SECTION 03 - WEST SIDE
SCALE: 1/4" = 1'-0"

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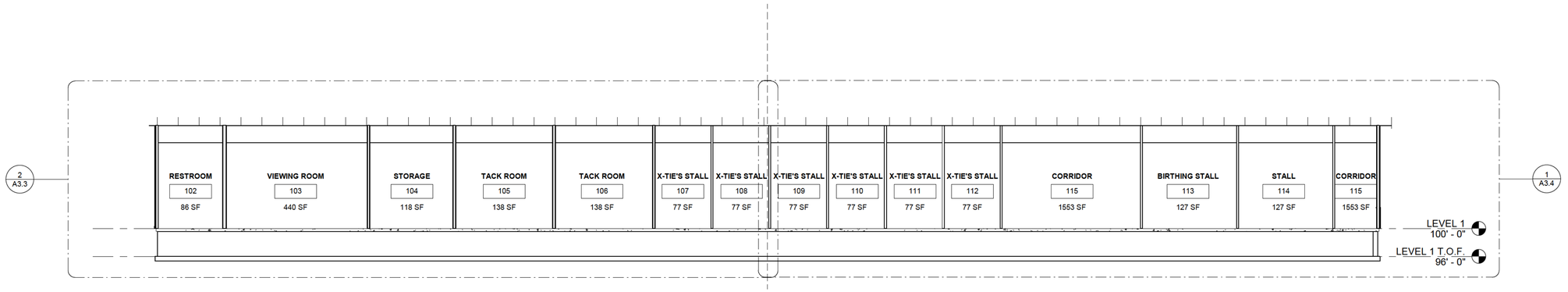
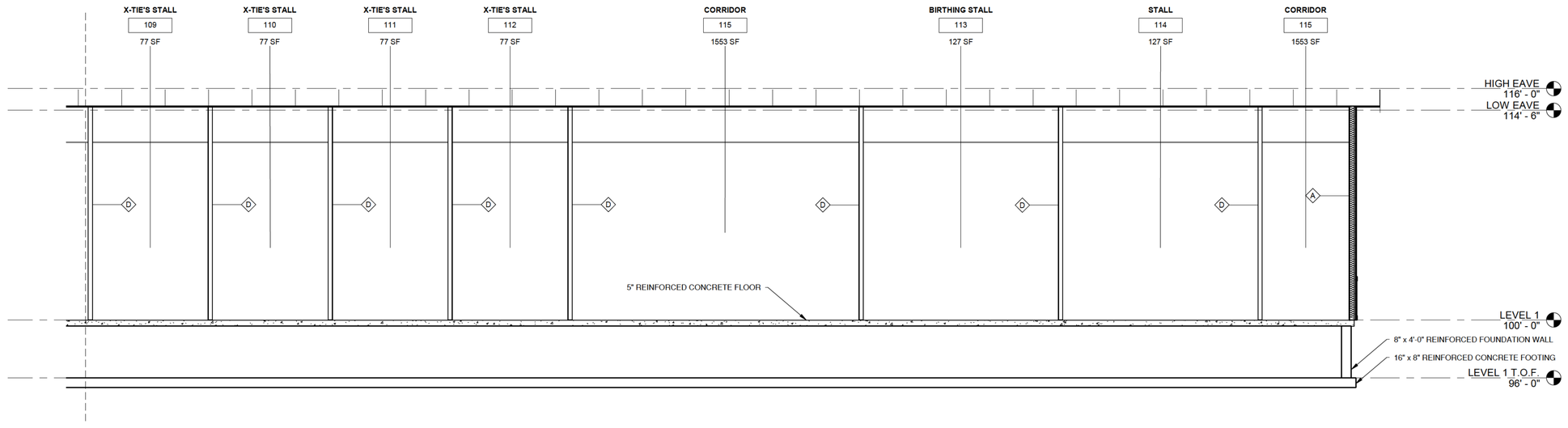
BUILDING SECTIONS

A3.3



2 SECTION 03b
SCALE: 1/8" = 1'-0"



1 SECTION 03 - EAST SIDE
SCALE: 1/4" = 1'-0"

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03/12/2026

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Project Status
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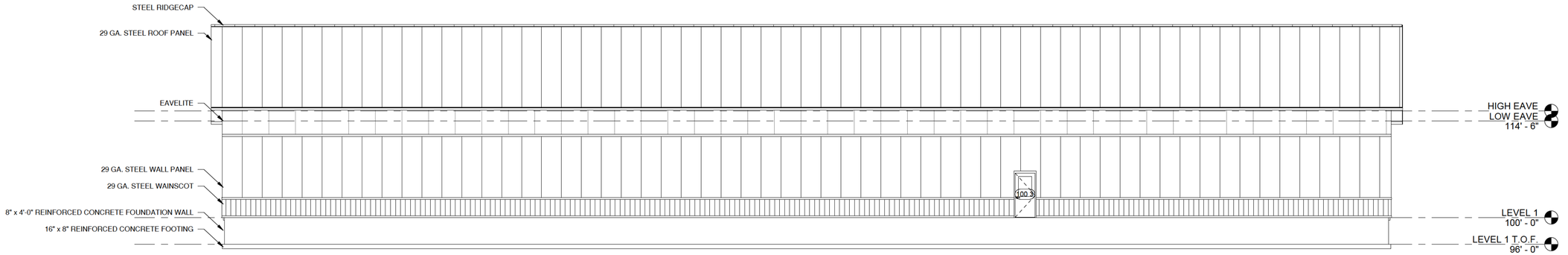
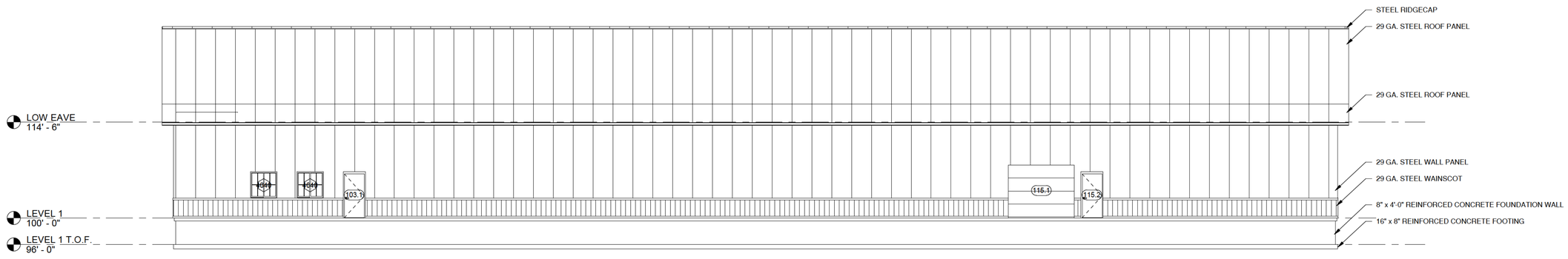
BUILDING SECTIONS

A3.4



1 EXT. BUILDING ELEVATION - NORTH
SCALE: 1/8" = 1'-0"



2 EXT. BUILDING ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"

* THE ELEVATIONS DEPICTED ARE FLAT AND LEVEL, AS THE SLOPES OF THE BUILDING HAVE NOT BEEN VERIFIED AGAINST FIELD CONDITIONS. THESE ELEVATIONS ARE INTENDED FOR GENERAL ILLUSTRATIVE PURPOSES ONLY.

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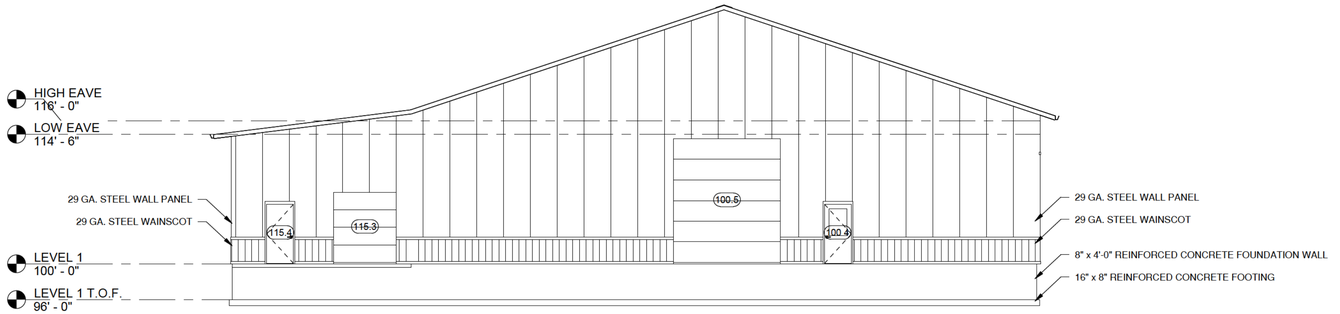
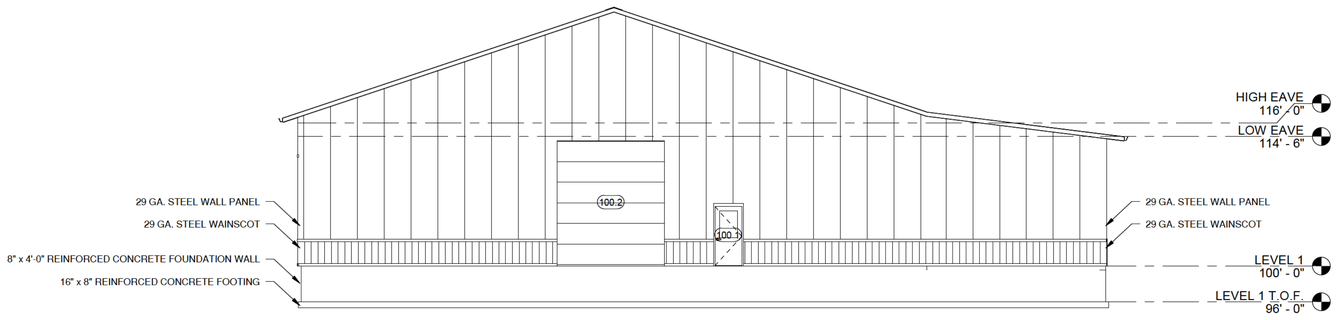
EXTERIOR BUILDING ELEVATIONS

A4.0



1 EXT. BUILDING ELEVATION - EAST
SCALE: 1/8" = 1'-0"



2 EXT. BUILDING ELEVATION - WEST
SCALE: 1/8" = 1'-0"

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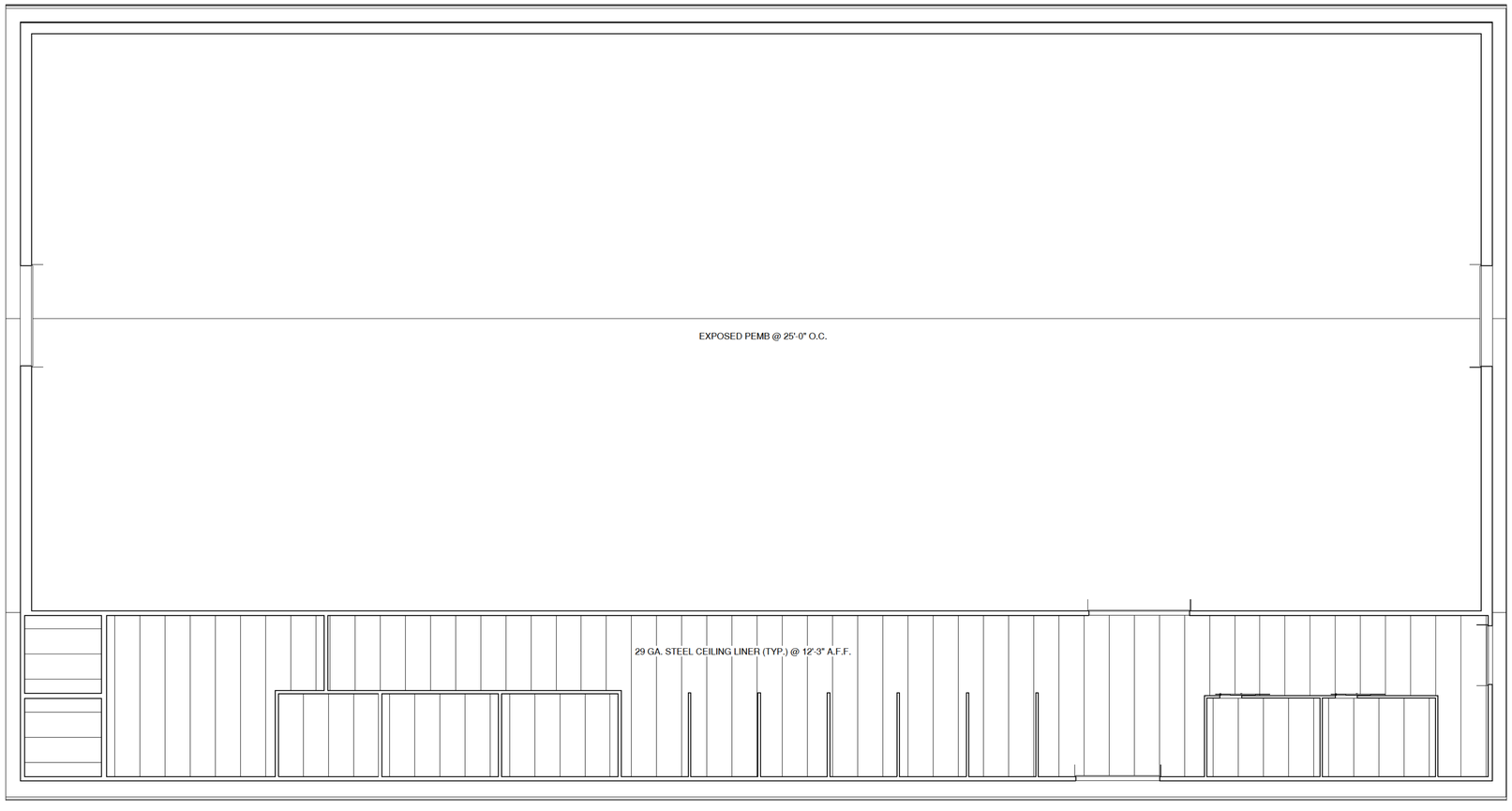
EXTERIOR BUILDING ELEVATIONS

A4.1



NOTE:

ALL LIGHTING DETAILS SUPPLIED BY ELECTRICIAN

1 LEVEL 1 - RCP
SCALE: 1/8" = 1'-0"

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REFLECTED CEILING PLANS

A8.0

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3D EXTERIOR VIEWS

A10.0