



Village Hall, 262-567-2757
Fax, 262-567-4115
Highway Dept., 262-567-2422
Police Dept., 262-567-1134
Building Inspector, 262-490-4141
www.summitvillage.org

Summit Village Hall • 37100 Delafield Road • Summit, WI 53066

AGENDA

Village of Summit Plan Commission **Thursday, August 21, 2025, 5:30 p.m.** At the Summit Village Hall, 37100 Delafield Road

1. CALL TO ORDER
2. ROLL CALL AND CONFIRM POSTING
3. PLEDGE OF ALLEGIANCE
4. MINUTES
 - July 17, 2025
5. Next meeting date – proposed for Thursday, September 18, 2025, at 5:30 p.m.
6. **REGULAR BUSINESS:**
 - A. Discussion and action on a request by Jon Spheeris for an Extraterritorial Certified Survey Map to create two lots on property owned by William and Mary Karen Irwin. The subject property is located at W330 N247 Kettle Moraine Drive in the Town of Delafield (DELT0840994003).
 - B. Discussion and action on a request by Juan Saldivar, on behalf of Aurora Health Care Southern Lakes Inc., for Site Plan approval to install several light poles along a sidewalk in the northeast corner of the hospital facility located at 36500 Aurora Drive.
 - C. Discussion and action on a request of Eric Wittnebel, on behalf of Rogers Behavioral Health, Inc., for Site Plan approval for the dumpster enclosure, exterior building color, landscaping, lighting, and mechanical screening and a Business Plan of Operation for a new 20-bed community-based residential facility and associated activities. The property is located at 3011 N. Cedar Ridge Road (SUMT0625998).
 - D. Discussion and action on a request of Cory Majszak, on behalf of Rogers Behavioral Health, Inc., for Site Development for a dumpster enclosure, lighting plan, landscape plan, signage plan, and mechanical equipment screening to accommodate the construction of a 24-bed community-based residential facility on property located at 34700 Valley Road (SUMT0622977002).
7. **UPDATE** regarding Village Board action on Plan Commission matters

8. **ADJOURN** Plan Commission meeting

Respectfully submitted,

Amy Barrows, Village Planner

Posted: August 15, 2025

Next meeting date: September 18, 2025

***** Please note that, upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service contact the Village Hall at 567-2757.

***** It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; no action will be taken by any other governmental body except by the Village of Summit Plan Commission noticed above.



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Summit Village Hall • 37100 Delafield Road, Summit, WI 53066

TO: Jim Siepmann, Plan Commission chairman
Plan Commission members

FROM: Amy Barrows, Village Planner

PC DATE: August 21, 2025

SUBJECT: Extraterritorial Certified Survey Map – Town of Delafield
W330 N247 Kettle Moraine Drive (CTH C)

APPLICANT: Jon Spheeris

OWNER: William and Mary Karen Irwin

Recommended Motion:

Motion to recommend Village Board acknowledge the proposed CSM for the creation of two lots on property located at W330 N247 Kettle Moraine Drive and report no objections to the Town of Delafield and Waukesha County.

Background:

The applicant is proposing to split an 11.8-acre property with access via a private road into two lots that will continue to have access via a private road. Lot 1 will be 3.13 acres and Lot 2 will be 8.7 acres. The property is located in the Town of Delafield.

The enclosed CSM is being reviewed by the Village of Summit since the property falls within 1.5 miles of the Village limits. The subject property is located approximately 3,660 feet (0.7 miles) east of the Village boundary between Cushing Park Road and Kettle Moraine Drive. The proposed land division does not impact the Village's growth or planning objectives, including factors such as land use, the park system, and traffic in the Village.

A detailed review of the Certified Survey Map was not completed by Village Staff. The Village relies on the Town and County to complete the technical review.

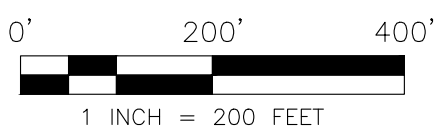
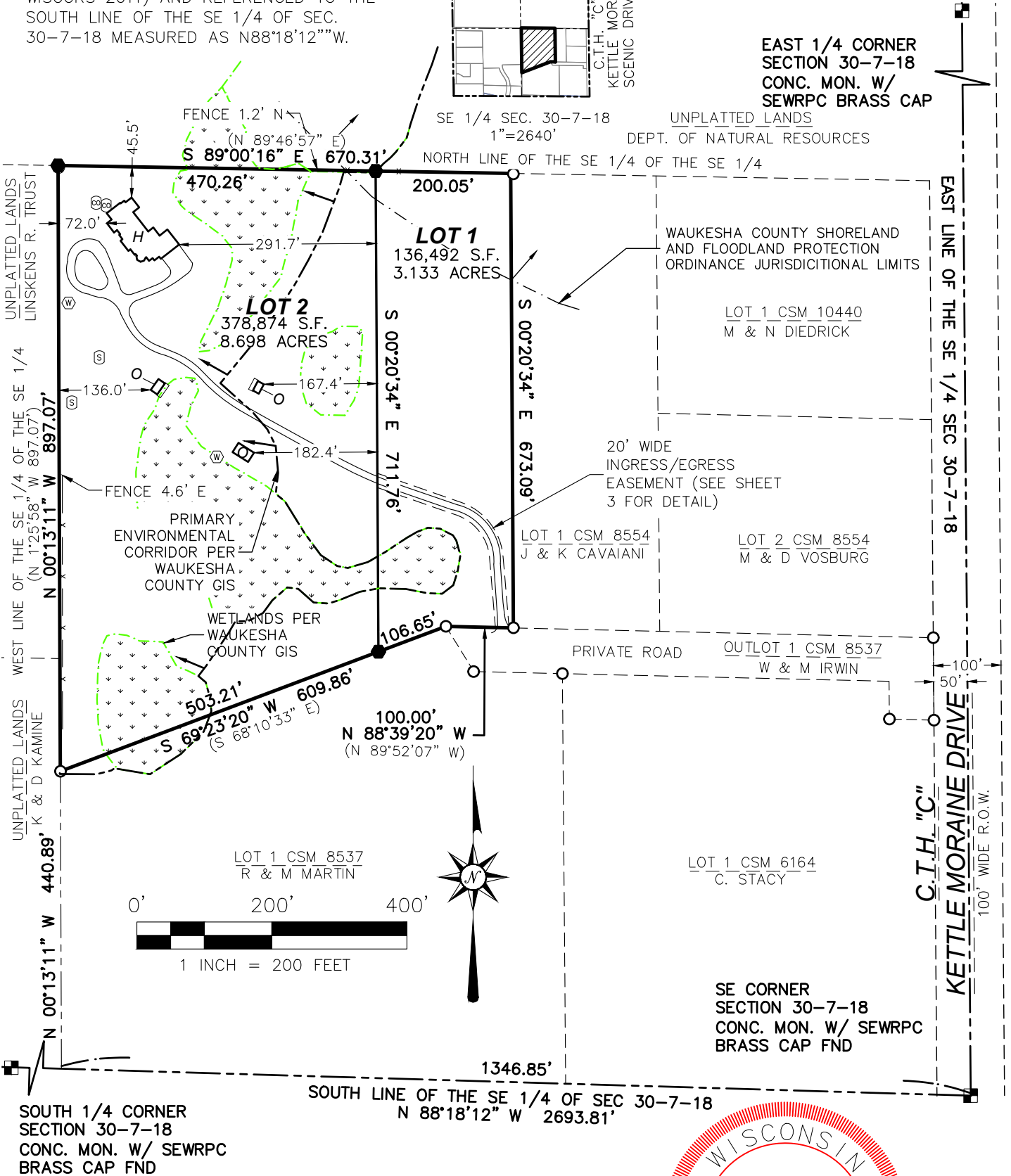
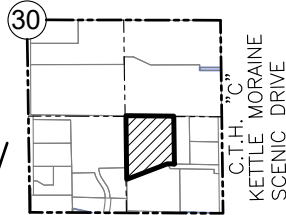
PRELIMINARY

WAUKESHA CO. CERTIFIED SURVEY MAP NO. _____

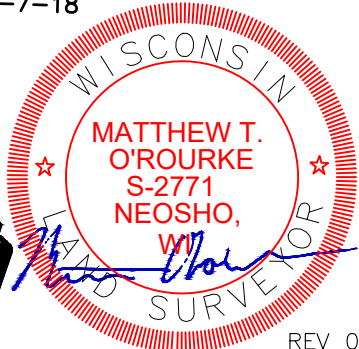
LOT 2 OF CSM 8537, RECORDED IN THE WAUKESHA COUNTY REGISTER OF DEEDS OFFICE IN VOL 75, P.44-46, ON MAY 14TH, 1998 AS DOCUMENT NO. 2318301, BEING A PART OF THE SOUTHEAST 1/4 OF THE SE 1/4 OF SECTION 30, TOWN 7 NORTH, RANGE 18 EAST, TOWN OF DELAFIELD, WAUKESHA COUNTY, WISCONSIN.

BEARINGS BASED ON GRID NORTH OF THE WISCONSIN COUNTY COORDINATE SYSTEM, WAUKESHA COUNTY ZONE (NAD 83 WISCORS 2011) AND REFERENCED TO THE SOUTH LINE OF THE SE 1/4 OF SEC. 30-7-18 MEASURED AS N88°18'12"W.

VICINITY MAP



- SEE SHEET 2 FOR CONTOURS AND SOILS.
- SEE SHEET 3 FOR LEGEND AND EASEMENT DETAIL.
- SEE SHEET 4 FOR NOTES.



PREPARED FOR:
WILLIAM L & MARY KAREN IRWIN
2014 JOINT REVOCABLE TRUST
W330N247 COUNTY ROAD C
DELAFIELD, WI 53018

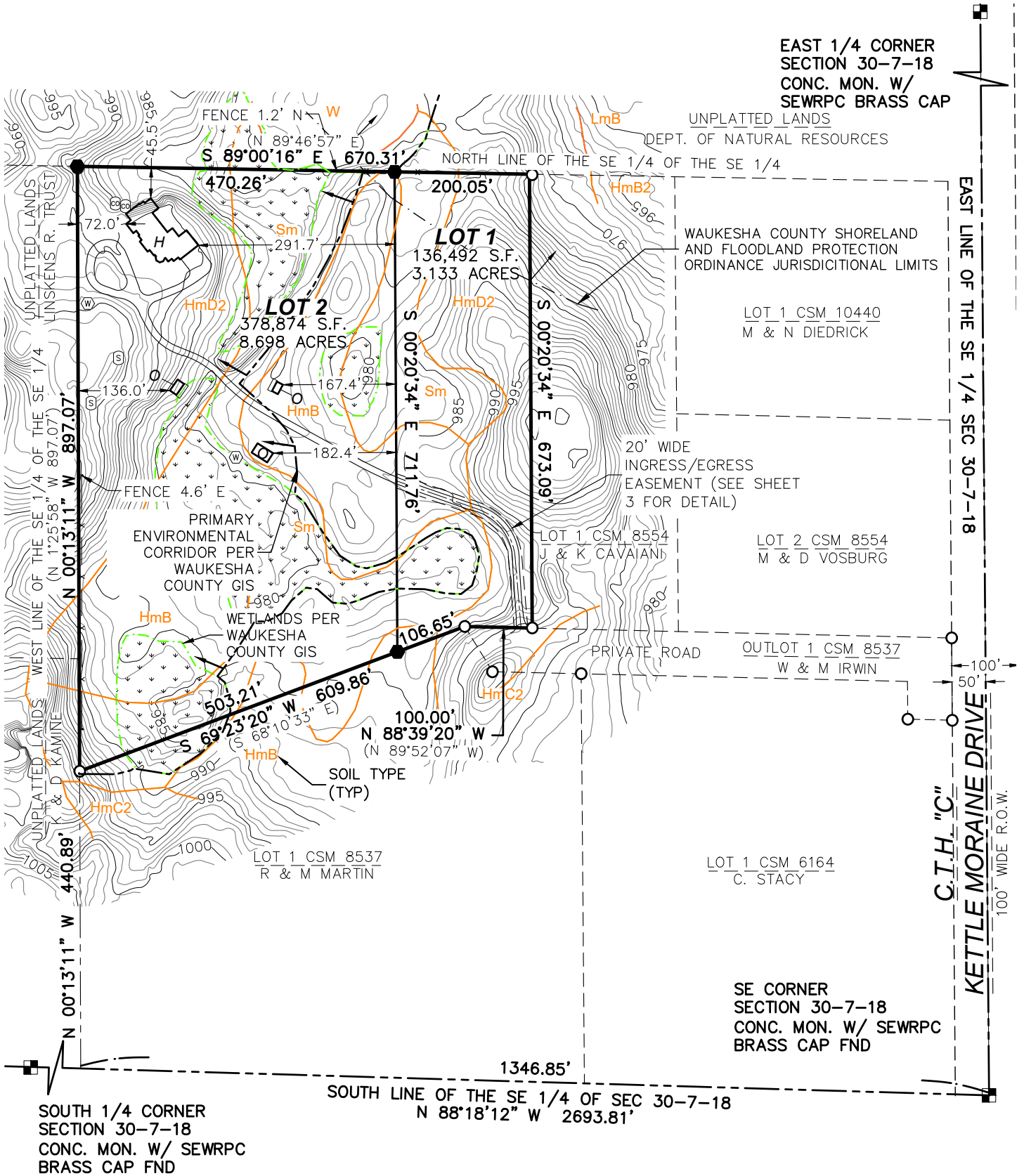
LAND SURVEYING • LAND PLANNING
955 LEXINGTON DRIVE
OCCONOMOUC, WI 53066
WWW.LANDTECHWI.COM
(262) 367-7599

REV 07/16/2025
DATED 07/15/2025
JOB# 25172
SHEET 1 OF 6

THIS INSTRUMENT WAS DRAFTED BY MATTHEW T. O'ROURKE, S-2771

WAUKESHA CO. CERTIFIED SURVEY MAP NO. _____

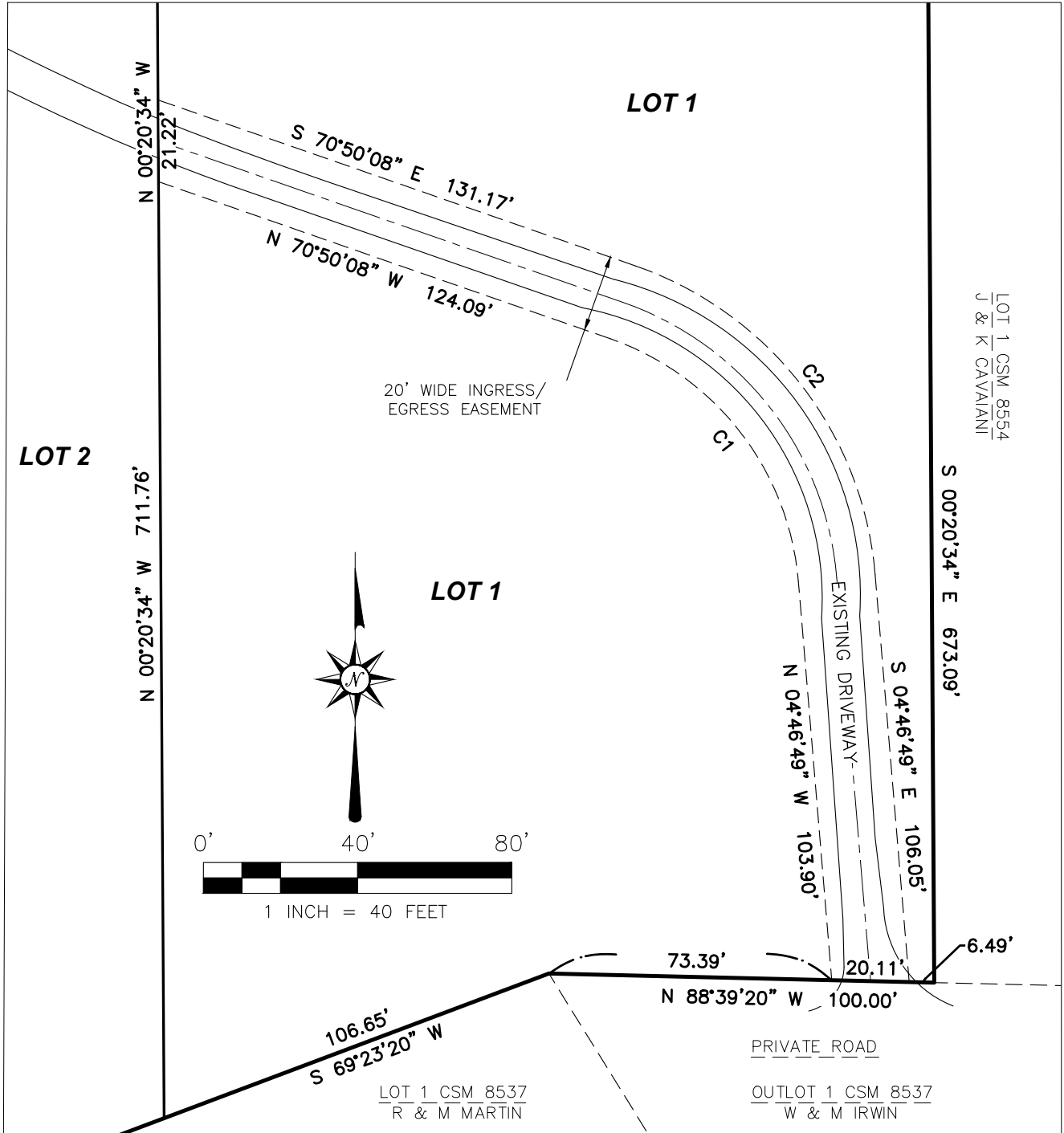
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WAUKESHA CO. CERTIFIED SURVEY MAP NO. _____

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EASEMENT DETAIL



EASEMENT CURVE TABLE

CURVE #	RADIUS	DELTA	ARC DIST	CHORD DIST	CHORD BEARING
C1	73.00'	66°03'19"	84.16'	79.58'	N 37°48'28" W
C2	93.00'	66°03'19"	107.22'	101.38'	S 37°48'28" E

LEGEND

- SECTION CORNER MONUMENT
- FOUND 1" IRON PIPE OR NOTED
- OUTBUILDING
- H HOUSE
- ⊕ WELL
- ⊙ SEPTIC VENT
- ⊙ SEPTIC CLEANOUT
- ⊙ WOOD POST
- ⊙ WIRE FENCE
- ⊙ WETLANDS
- ⊙ P.E.C.

WAUKESHA CO. CERTIFIED SURVEY MAP NO. _____

LOT 2 OF CSM 8537, RECORDED IN THE WAUKESHA COUNTY REGISTER OF DEEDS OFFICE IN VOL 75, P.44-46, ON MAY 14TH, 1998 AS DOCUMENT NO. 2318301, BEING A PART OF THE SOUTHEAST 1/4 OF THE SE 1/4 OF SECTION 30, TOWN 7 NORTH, RANGE 18 EAST, TOWN OF DELAFIELD, WAUKESHA COUNTY, WISCONSIN.

SURVEYOR'S CERTIFICATE:

I, MATTHEW T. O'ROURKE, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY:

THAT I HAVE SURVEYED, DIVIDED AND MAPPED A DIVISION OF LAND BEING LOT 2 OF CSM 8537, RECORDED IN THE WAUKESHA COUNTY REGISTER OF DEEDS OFFICE IN VOL 45 P. 44-46, ON MAY 14TH, 1998 AS DOCUMENT NO. 2318301, BEING A PART OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 30, TOWNSHIP 7 NORTH, RANGE 18 EAST, TOWN OF DELAFIELD, WAUKESHA COUNTY, WISCONSIN DESCRIBED AS FOLLOWS:

LOT 2 OF CERTIFIED SURVEY MAP 8537, RECORDED IN THE WAUKESHA COUNTY REGISTER OF DEEDS OFFICE IN VOLUME 75, PAGES 44-46, ON MAY 14TH, 1998 AS DOCUMENT NO. 2318301, BEING A PART OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 30, TOWN 7 NORTH, RANGE 18 EAST, TOWN OF DELAFIELD, WAUKESHA COUNTY, WISCONSIN.

DESCRIBED LANDS HAVING AN AREA OF 515,366 SQUARE FEET OR 11.831 ACRES.

THAT I HAVE MADE SAID SURVEY BY THE DIRECTION OF WILLIAM L & MARY KAREN IRWIN 2014 JOINT REVOCABLE TRUST OWNERS OF SAID LANDS.

THAT SUCH MAP IS A CORRECT REPRESENTATION OF THE EXTERIOR BOUNDARIES OF THE LAND SURVEYED AND THE DIVISION THEREOF.

THAT I HAVE FULLY COMPLIED WITH PROVISIONS OF S. 236.34 OF THE WISCONSIN STATUTES AND THE SUBDIVISION CONTROL ORDINANCE OF WAUKESHA COUNTY, TOWN OF DELAFIELD, VILLAGE OF SUMMIT (EXTRATERRITORIAL) AND CITY OF DELAFIELD (EXTRATERRITORIAL) IN SURVEYING, DIVIDING AND MAPPING THE SAME.

DATED THIS _____ DAY OF _____, 20_____.

MATTHEW T. O'ROURKE, S-2771

NOTES:

- CONTOURS AND SOILS SHOWN PER WAUKESHA COUNTY GIS.

WETLAND & PRIMARY ENVIRONMENTAL CORRIDOR RESTRICTIONS

THOSE AREAS IDENTIFIED AS WETLAND AND PRIMARY ENVIRONMENTAL CORRIDOR PRESERVATION AREA ON PAGE 1 AND 2 OF 6 ON THIS CERTIFIED SURVEY MAP SHALL BE SUBJECT TO THE FOLLOWING RESTRICTIONS:

1. GRADING, FILLING AND REMOVAL OF TOPSOIL OR OTHER EARTHEN MATERIALS ARE PROHIBITED, UNLESS SPECIFICALLY AUTHORIZED BY THE MUNICIPALITY IN WHICH THIS LAND IS LOCATED AND, IF APPLICABLE, THE WAUKESHA COUNTY DEPARTMENT OF PARKS AND LAND USE, THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES AND THE ARMY CORPS OF ENGINEERS.
2. GRAZING BY DOMESTICATED ANIMALS, I.E., HORSES, COWS, ETC, IS PROHIBITED WITHIN THE CONSERVANCY/WETLAND/FLOODPLAIN AREA AND SHALL BE DISCOURAGED TO THE GREATEST EXTENT POSSIBLE WITHIN THE SECONDARY ENVIRONMENTAL CORRIDOR AREA.
3. THE INTRODUCTION OF PLANT MATERIAL NOT INDIGENOUS TO THE EXISTING ENVIRONMENT IS PROHIBITED.
4. PONDS MAY BE PERMITTED SUBJECT TO THE APPROVAL OF THE MUNICIPALITY IN WHICH THEY ARE LOCATED AND, IF APPLICABLE, THE WAUKESHA COUNTY DEPARTMENT OF PARKS AND LAND USE, THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES AND THE ARMY CORPS OF ENGINEERS.
5. THE CONSTRUCTION OF BUILDINGS OR ACCESSORY USES ARE PROHIBITED WITHIN THE WETLAND AND FLOODPLAIN AND PER THE CONSERVATION EASEMENT PROVISIONS.

WAUKESHA CO. CERTIFIED SURVEY MAP NO. _____

LOT 2 OF CSM 8537, RECORDED IN THE WAUKESHA COUNTY REGISTER OF DEEDS OFFICE IN VOL 75, P.44-46, ON MAY 14TH, 1998 AS DOCUMENT NO. 2318301, BEING A PART OF THE SOUTHEAST 1/4 OF THE SE 1/4 OF SECTION 30, TOWN 7 NORTH, RANGE 18 EAST, TOWN OF DELAFIELD, WAUKESHA COUNTY, WISCONSIN.

OWNER'S CERTIFICATE:

AS OWNERS THE WILLIAM L & MARY KAREN IRWIN 2014 JOINT REVOCABLE TRUST HEREBY CERTIFY THAT WE CAUSED SAID LANDS TO BE SURVEYED, DIVIDED, AND MAPPED AS SHOWN ON THIS MAP. I ALSO CERTIFY THAT THIS CSM IS REQUIRED TO BE SUBMITTED TO THE FOLLOWING FOR APPROVAL: WAUKESHA COUNTY, TOWN OF DELAFIELD, VILLAGE OF SUMMIT (EXTRATERRITORIAL) AND CITY OF DELAFIELD (EXTRATERRITORIAL), WITNESS THE HAND AND SEAL OF SAID OWNERS:

THIS _____ DAY OF _____, 20_____.

WILLIAM IRWIN

MARY KAREN IRWIN

STATE OF WISCONSIN)SS
COUNTY OF _____)

PERSONALLY CAME BEFORE ME THIS _____ DAY OF _____, 20_____, THE ABOVE NAMED WILLIAM L & MARY KAREN IRWIN 2014 JOINT REVOCABLE TRUST, TO ME KNOWN TO BE THE SAME PERSON(S) WHO EXECUTED THE FOREGOING INSTRUMENT AND ACKNOWLEDGED THE SAME.

NOTARY SIGNATURE _____

PRINT NAME _____

MY COMMISSION EXPIRES _____

WAUKESHA CO. CERTIFIED SURVEY MAP NO. _____

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TOWN OF DELAFIELD PLAN COMMISSION APPROVAL

APPROVED BY THE PLAN COMMISSION OF THE TOWN OF DELAFIELD, THIS ____ DAY OF _____, 20____.

KEVIN FITZGERALD, – CHAIRPERSON

DAN GREEN, – TOWN CLERK

TOWN OF DELAFIELD BOARD APPROVAL

APPROVED BY THE TOWN BOARD OF THE TOWN OF DELAFIELD, THIS ____ DAY OF _____, 20____.

RONALD A. TROY – CHAIRPERSON

DAN GREEN – TOWN CLERK

CITY OF DELAFIELD PLAN COMMISSION (EXTRATERRITORIAL)

THIS LAND DIVISION IS HEREBY APPROVED BY THE PLAN COMMISSION OF THE CITY OF DELAFIELD,

THIS ____ DAY OF _____, 20____.

TIM AICHER, CHAIRPERSON

MOLLY SCHNEIDER – CITY CLERK

CITY OF DELAFIELD COMMON COUNCIL (EXTRATERRITORIAL)

THIS LAND DIVISION IS HEREBY APPROVED BY THE COMMON COUNCIL OF THE CITY OF DELAFIELD,

THIS ____ DAY OF _____, 20____.

TIM AICHER – MAYOR

MOLLY SCHNEIDER – CITY CLERK

VILLAGE OF SUMMIT PLAN COMMISSION

THIS LAND DIVISION IS HEREBY APPROVED BY THE PLAN COMMISSION OF THE VILLAGE OF SUMMIT, THIS

____ DAY OF _____, 20____.

JIM SIEPMANN, CHAIRPERSON

DEBRA MICHAEL – ADMINISTRATOR-CLERK/TREASURER

VILLAGE OF SUMMIT BOARD

THIS LAND DIVISION IS HEREBY APPROVED BY THE VILLAGE OF SUMMIT BOARD,

THIS ____ DAY OF _____, 20____.

JACK RILEY-PRESIDENT

DEBRA MICHAEL – ADMINISTRATOR-CLERK/TREASURER

WAUKESHA COUNTY DEPARTMENT OF PARKS & LAND USE

THE ABOVE, WHICH HAS BEEN FILED FOR APPROVAL AS REQUIRED BY CHAPTER 236 OF THE WISCONSIN STATE STATUTES, IS HEREBY APPROVED ON THIS ____ DAY OF _____, 20 ____.

DALE R. SHAVER, DIRECTOR

Aurora Health Care
36500 Aurora Drive
Site Plan Improvements - Lighting
8/21/2025 Plan Commission Meeting

Staff Report

Village of Summit, Wisconsin

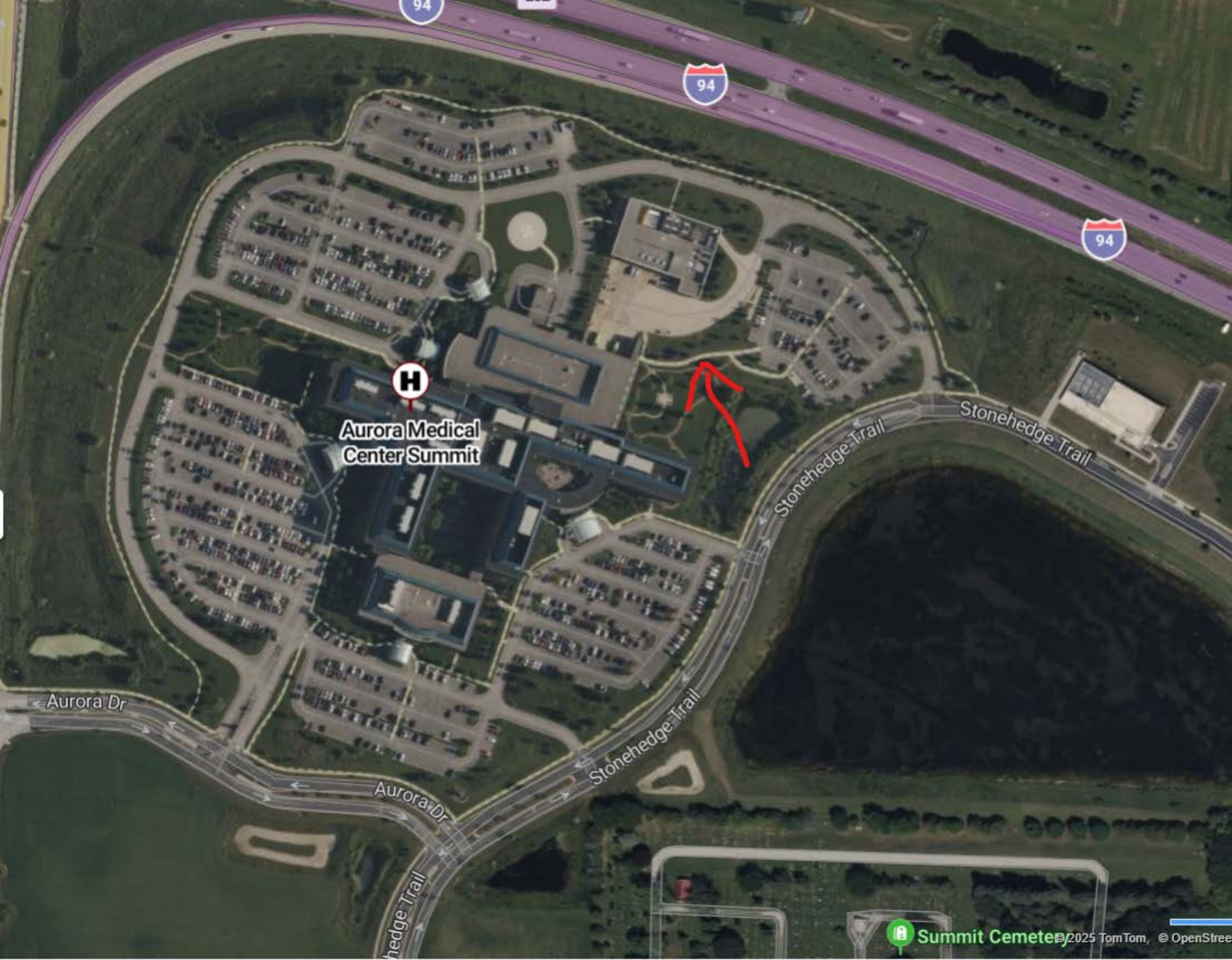
Property Owner:	Aurora Health Care Southern Lakes Inc.
Applicant:	Juan Saldivar
Zoning:	IN Institutional
Land Use Plan:	Institutional/Business Park

Possible Motion:

Motion to approve the proposed lighting as presented.

Summary:

The Aurora Medical Clinic is proposing to install new lighting fixtures in the northeast corner of the hospital facility. Specifically, four (4) new light poles are proposed along the sidewalk that connects the building to the northeast parking lot. The poles will be 13 ft. in height, including the base. The photometrics do not extend past the area of the sidewalk, but the lights are downcast, 4000K Lumens, and do not project beyond 24 ft. of the light source. The closest sidewalk is over 100 ft. from a lot line. There should be no light trespass from the new fixtures on adjacent properties. The fixtures will be aluminum with a bronze finish.



94

94

94

H

Aurora Medical Center Summit

Stonehedge Trail

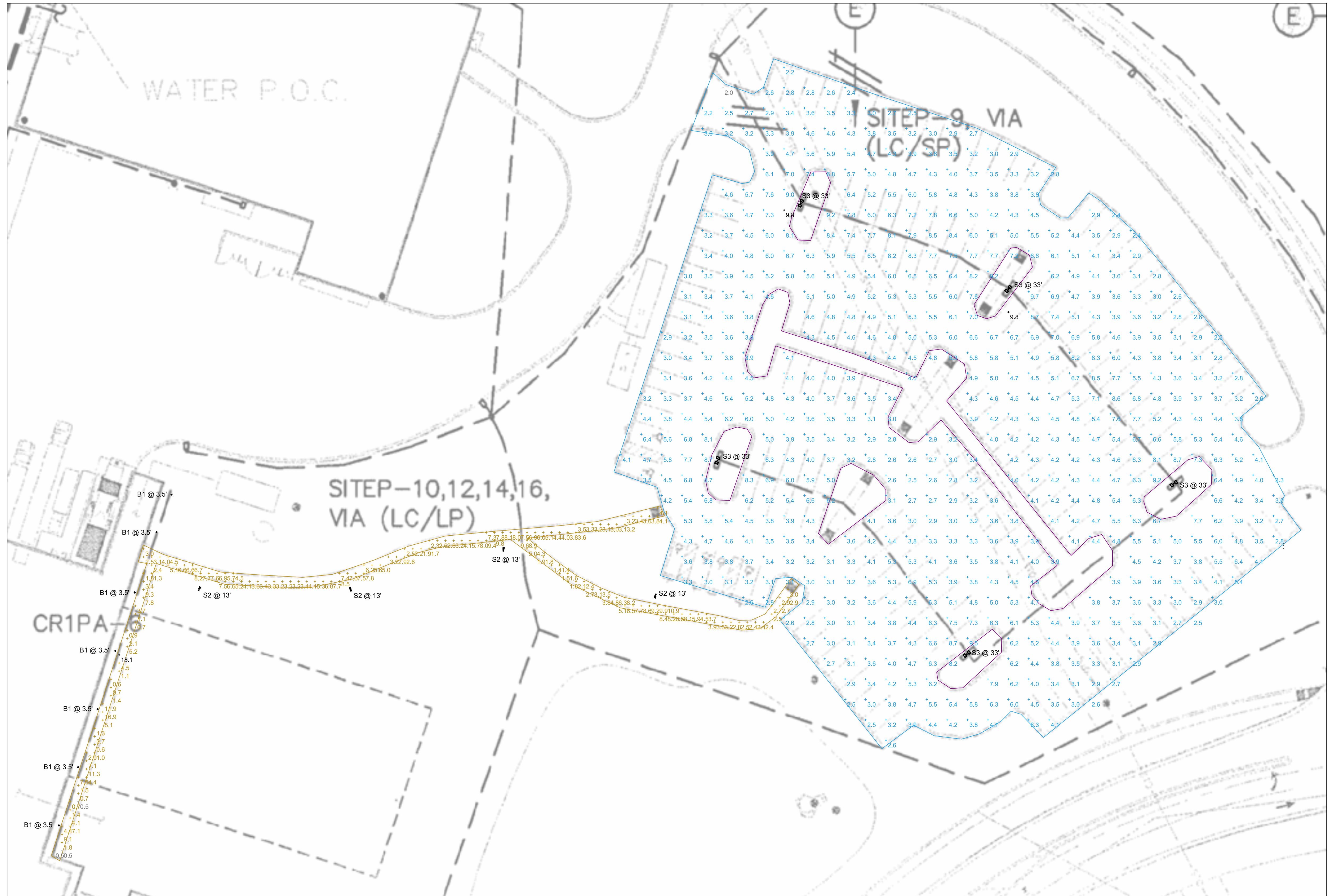
Stonehedge Trail

Aurora Dr

Stonehedge Trail

Aurora Dr

Stonehedge Trail



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Sidewalk	+	4.6 fc	18.1 fc	0.5 fc	36.2:1	9.2:1
Parking	+	4.6 fc	9.8 fc	2.0 fc	4.9:1	2.3:1

Schedule							
Symbol	Label	QTY	Manufacturer	Catalog	Description	Lamp Output 2450	Input Power 19
○	B1	7	CREE LIGHTING		C-BD-A-BLD-2L-40K-T5-xx		
□	S2	4	COOPER LIGHTING SOLUTIONS - MCGRAW-EDISON (FORMERLY EATON)	GLEON-SA2A-740-U-T2	GALLEON AREA AND ROADWAY LUMINAIRE (2) 70 CRI, 4000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II OPTICS	292	66
□	S3	5	COOPER LIGHTING SOLUTIONS - MCGRAW-EDISON (FORMERLY EATON)	GLEON-SA6D-740-U-T4W	GALLEON AREA AND ROADWAY LUMINAIRE (6) 70 CRI, 4000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV WIDE OPTICS	480	764

PRELIMINARY
NOT FOR CONSTRUCTION

PROJECT TITLE:
AAH SOUTHEPSTE LIGHTING

SHEET TITLE:
AURORA SUMMIT - VISUAL LIGHTING

REVISIONS:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.

ISSUE DATE: 4/26/24
DRAWN BY: LM
APPROVED BY: XX

SCALE: 1"=25'

SHEET NUMBER

E100

Project		Catalog #		Type	
Prepared by		Notes		Date	



McGraw-Edison

GLEON Galleon

Area / Site Luminaire

Product Features



Product Certifications



Interactive Menu

- Ordering Information [page 2](#)
- Mounting Details [page 3](#)
- Optical Distributions [page 4](#)
- Product Specifications [page 4](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 9](#)

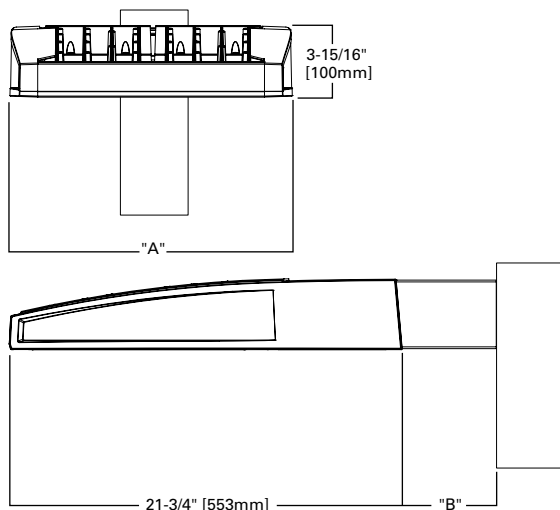
Quick Facts

- Lumen packages range from 4,200 - 80,800 (34W - 640W)
- Efficacy up to 156 lumens per watt
- Options to meet Buy American and other domestic preference requirements

Connected Systems

- WaveLinX
- Enlighted

Dimensional Details



Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Extended Arm Length ¹	"B" QM Arm Length	"B" QML Length	"B" QMEA Length
1-4	15-1/2"	7"	10"	10-5/8"	--	16-9/16"
5-6	21-5/8"	7"	10"	10-5/8"	--	16-9/16"
7-8	27-5/8"	7"	13"	10-5/8"	10-5/16"	--
9-10	33-3/4"	7"	16"	--	10-5/16"	--

NOTES:
For arm selection requirements and additional line art, see Mounting Details section.


NOTES:
1. Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified.
2. IDA Certified for 3000K CCT and warmer only.

Ordering Information

SAMPLE NUMBER: GLEON-SA4C-740-U-T4FT-GM

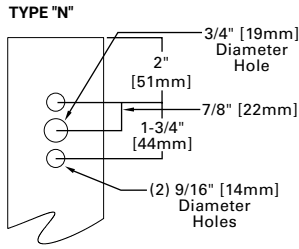
Product Family ^{1,2}	Light Engine		Color Temperature	Voltage	Distribution	Mounting	Finish
	Configuration	Drive Current					
GLEON=Galleon BAA-GLEON =Galleon, Buy American Act Compliant ³⁴ TAA-GLEON =Galleon, Trade Agreements Act Compliant ³⁴	SA1 =1 Square SA2 =2 Squares SA3 =3 Squares SA4 =4 Squares SA5 =5 Squares ⁴ SA6 =6 Squares ⁵ SA7 =7 Squares ⁵ SA8 =8 Squares ⁵ SA9 =9 Squares ⁶ SA0 =10 Squares ⁶	A =600mA B =800mA C =1000mA D =1200mA ¹⁵	722 =70CRI, 2200K 727 =70CRI, 2700K 730 =70CRI, 3000K 735 =70CRI, 3500K 740 =70CRI, 4000K 750 =70CRI, 5000K 760 =70CRI, 6000K 827 =80CRI, 2700K 830 =80CRI, 3000K AMB =Amber, 590nm ^{13, 15}	U =120-277V 1=120V 2=208V 3=240V 4=277V 8=480V ^{7, 8} 9=347V ⁷	T2 =Type I T2R =Type II Roadway T3 =Type III T3R =Type III Roadway T4FT =Type IV Forward Throw T4W =Type IV Wide 5NQ =Type V Narrow 5MQ =Type V Square Medium 5WQ =Type V Square Wide SL2 =Type II w/Spill Control SL3 =Type III w/Spill Control SL4 =Type IV w/Spill Control SLL =90° Spill Light Eliminator Left SLR =90° Spill Light Eliminator Right RW =Rectangular Wide Type I AFL =Automotive Frontline	[Blank] =Arm for Round or Square Pole EA =Extended Arm ⁹ MA =Mast Arm Adapter ¹⁰ WM =Wall Mount QM =Quick Mount Arm (Standard Length) ¹¹ QMEA =Quick Mount Arm (Extended Length) ¹² QML =Quick Mount Arm (Standard Length, Large) ³⁶	AP =Grey BZ =Bronze BK =Black DP =Dark Platinum GM =Graphite Metallic WH =White RALXX =Custom Color
Options (Add as Suffix)		Controls and Systems Options (Add as Suffix)			Accessories (Order Separately) ³⁵		
DIM =External 0-10V Dimming Leads ^{18, 19} F =Single Fuse (120, 277 or 347V Specify Voltage) FF =Double Fuse (208, 240 or 480V Specify Voltage) 20K =Series 20kV UL 1449 Surge Protective Device 2L =Two Circuits ^{16, 17} HA =50°C High Ambient HSS =Installed House Side Shield ²⁷ GRSBK =Glare Reducing Shield, Black ²² GRSWH =Glare Reducing Shield, White ²² LCF =Light Square Trim Painted to Match Housing ²⁶ MT =Installed Mesh Top TH =Tool-less Door Hardware CC =Coastal Construction finish ³ L90 =Optics Rotated 90° Left R90 =Optics Rotated 90° Right CE =CE Marking ²⁸ AHD145 =After Hours Dim, 5 Hours ²¹ AHD245 =After Hours Dim, 6 Hours ²¹ AHD255 =After Hours Dim, 7 Hours ²¹ AHD355 =After Hours Dim, 8 Hours ²¹ DALI =DALI Drivers		BPC =Button Type Photocontrol PR =NEMA 3-PIN Photocontrol Receptacle PR7 =NEMA 7-PIN Photocontrol Receptacle ²⁰ SPB2 =Dimming Occupancy Sensor with Bluetooth Interface, 8' - 20' Mounting ³³ SPB4 =Dimming Occupancy Sensor with Bluetooth Interface, 21' - 40' Mounting ³³ MS-L20 =Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height ²³ MS-L40W =Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height ²³ MS/X-L20 =Bi-Level Motion Sensor, 9' - 20' Mounting Height ^{23, 24} MS/X-L40W =Bi-Level Motion Sensor, 21' - 40' Mounting Height ^{23, 24} MS/DIM-L20 =Motion Sensor for Dimming Operation, 9' - 20' Mounting Height ²³ MS/DIM-L40W =Motion Sensor for Dimming Operation, 21' - 40' Mounting Height ²³ WLS2XX =WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting ³¹ WLS4XX =WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting ³¹ WPS2XX =WaveLinX Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting ^{31,32} WPS4XX =WaveLinX Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting ^{31,32} LWR-LW =Enlighted Sensor, 8' - 16' Mounting Height ²⁵ LWR-LN =Enlighted Sensor, 16' - 40' Mounting Height ²⁵ DIM10-L08 =Synapse Occupancy Sensor (<8' Mounting) ¹⁸ DIM10-L20 =Synapse Occupancy Sensor (9'-20' Mounting) ¹⁸ DIM10-L40 =Synapse Occupancy Sensor (21'-40' Mounting) ¹⁸			OA/RA1013 =Photocontrol Shorting Cap MA1252 =10kV Surge Module Replacement MA1036-XX =Single Tenon Adapter for 2-3/8" O.D. Tenon MA1037-XX =2@180° Tenon Adapter for 2-3/8" O.D. Tenon MA1197-XX =3@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1188-XX =4@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1189-XX =2@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1190-XX =3@90° Tenon Adapter for 2-3/8" O.D. Tenon MA1191-XX =2@120° Tenon Adapter for 2-3/8" O.D. Tenon MA1038-XX =Single Tenon Adapter for 3-1/2" O.D. Tenon MA1039-XX =2@180° Tenon Adapter for 3-1/2" O.D. Tenon MA1192-XX =3@120° Tenon Adapter for 3-1/2" O.D. Tenon MA1193-XX =4@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1194-XX =2@90° Tenon Adapter for 3-1/2" O.D. Tenon MA1195-XX =3@90° Tenon Adapter for 3-1/2" O.D. Tenon FSIR-100 =Wireless Configuration Tool for Occupancy Sensor ²³ GLEON-MT1 =Field Installed Mesh Top for 1-4 Light Squares GLEON-MT2 =Field Installed Mesh Top for 5-6 Light Squares GLEON-MT3 =Field Installed Mesh Top for 7-8 Light Squares GLEON-MT4 =Field Installed Mesh Top for 9-10 Light Squares GLEON-QM =Quick Mount Arm Kit ¹¹ GLEON-QMEA =Quick Mount Extended Arm Kit ¹² LS/HSS =Field Installed House Side Shield ^{27, 29} LS/GRSBK-2PK =Glare Reducing Shield, Black ^{22, 29} LS/GRSWH-2PK =Glare Reducing Shield, White ^{22, 29} LS/PFS =Perimeter Shield, Black ¹⁴ WOLC-7P-10A =WaveLinX Outdoor Control Module ^{18, 30}		
NOTES: 1. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WPS13001EN for additional support information. 2. DesignLights Consortium™ Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 3. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. Not available with TH option. 4. Not compatible with MS/4-LXX or MS/1-LXX sensors. 5. Not compatible with extended quick mount arm (QMEA). 6. Not compatible with standard quick mount arm (QM) or extended quick mount arm (QMEA). 7. Requires the use of an internal step down transformer when combined with sensor options. Not available with sensor at 1200mA. Not available in combination with the HA high ambient and sensor options at 1A. 8. 480V must utilize Wye system only. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems.) 9. May be required when two or more luminaires are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table. 10. Factory installed. 11. Maximum 8 light squares. 12. Maximum 6 light squares. 13. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Available with 5WQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS option. 14. Set of 4 pcs. One set required per Light Square. 15. Not available with HA option. 16. 2L is not available with MS, MS/X or MS/DIM at 347V or 480V. 2L in SA2 through SA4 requires a larger housing, normally used for SA5 or SA6. Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table. 17. Not available with Enlighted wireless sensors. 18. Cannot be used with other control options. 19. Low voltage control lead brought out 18" outside fixture. 20. Not available if any "MS" sensor is selected. Motion sensor has an integral photocell. 21. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. See After Hours Dim supplemental guide for additional information. 22. Not for use with T4FT, T4W or SL4 optics. See IES files for details. 23. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information. 24. Replace X with number of Light Squares operating in low output mode. 25. Enlighted wireless sensors are factory installed only requiring network components LWP-EM-1, LWP-GW-1 and LWP-PoE8 in appropriate quantities. 26. Not available with house side shield (HSS). 27. Not for use with 5MQ, 5WQ, SWD or RW optics. A black trim plate is used when HSS is selected. 28. CE is not available with the LWR, MS, MS/X, MS/DIM, BPC, PR or PR7 options. Available in 120-277V only. 29. One required for each Light Square. 30. Requires PR7. 31. Replace XX with sensor color (WH, BZ or BK.) 32. WAC Gateway required to enable field-configurability; Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. 33. Smart device with mobile application required to change system defaults. See controls section for details. 34. 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 separately analyzed under domestic preference requirements. 35. For BAA or TAA requirements, Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. 36. Available for 7 - 10 squares.							

LumenSafe Integrated Network Security Camera Technology Options (Add as Suffix)

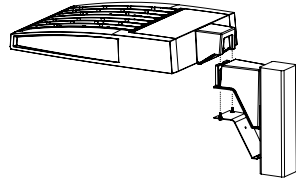
Product Family	Camera Type	Data Backhaul
L =LumenSafe Technology 	D =Standard Dome Camera H =Hi-Res Dome Camera Z =Remote PTZ Camera	C =Cellular, No SIM A =Cellular, AT&T V =Cellular, Verizon S =Cellular, Sprint R =Cellular, Rogers W =Wi-Fi Networking w/ Omni-Directional Antenna E =Ethernet Networking

Mounting Details

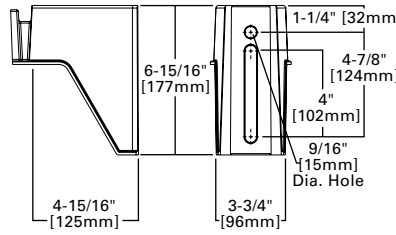
Standard Arm (Drilling Pattern)



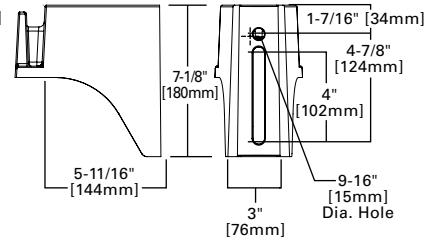
Quick Mount Arm (Includes fixture adapter)



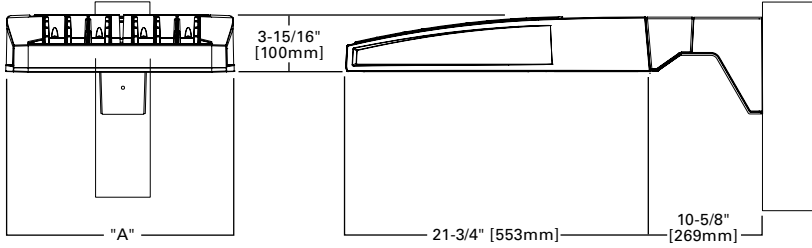
QM and QMEA Pole Mount (1 - 8 squares)



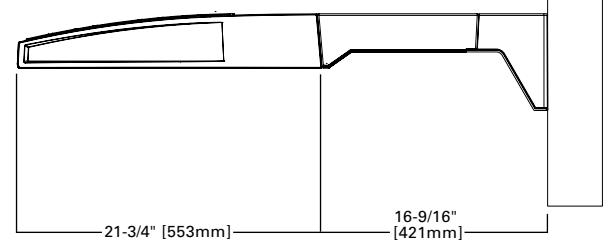
QML Pole Mount (7 - 10 squares)



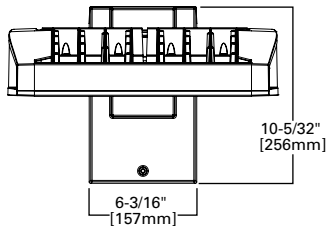
QM Quick Mount Arm (Standard, 1-8 squares)



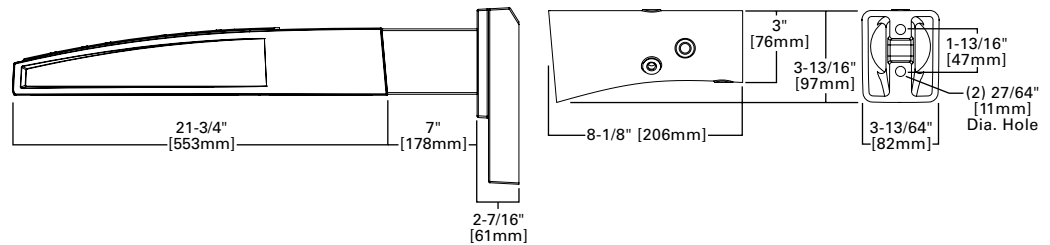
QMEA Quick Mount Arm (Extended, 1 - 6 squares)



Standard Wall Mount

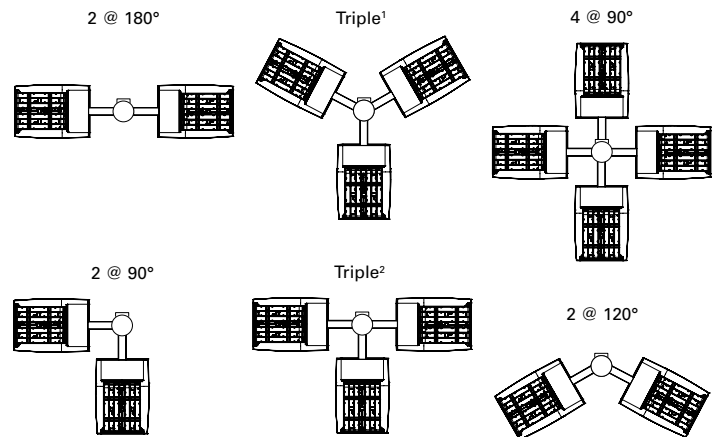


Mast Arm Mount



Arm Mounting Requirements

Number of Light Squares	Standard Arm @ 90° Apart	Standard Arm @ 120° Apart	Quick Mount Arm @ 90° Apart	Quick Mount Arm @ 120° Apart
1	Standard	Standard	QM Extended	Quick Mount
2	Standard	Standard	QM Extended	Quick Mount
3	Standard	Standard	QM Extended	Quick Mount
4	Standard	Standard	QM Extended	Quick Mount
5	Extended	Standard	QM Extended	Quick Mount
6	Extended	Standard	QM Extended	Quick Mount
7	Extended	Extended	--	Quick Mount
8	Extended	Extended	--	Quick Mount
9	Extended	Extended	--	--
10	Extended	Extended	--	--

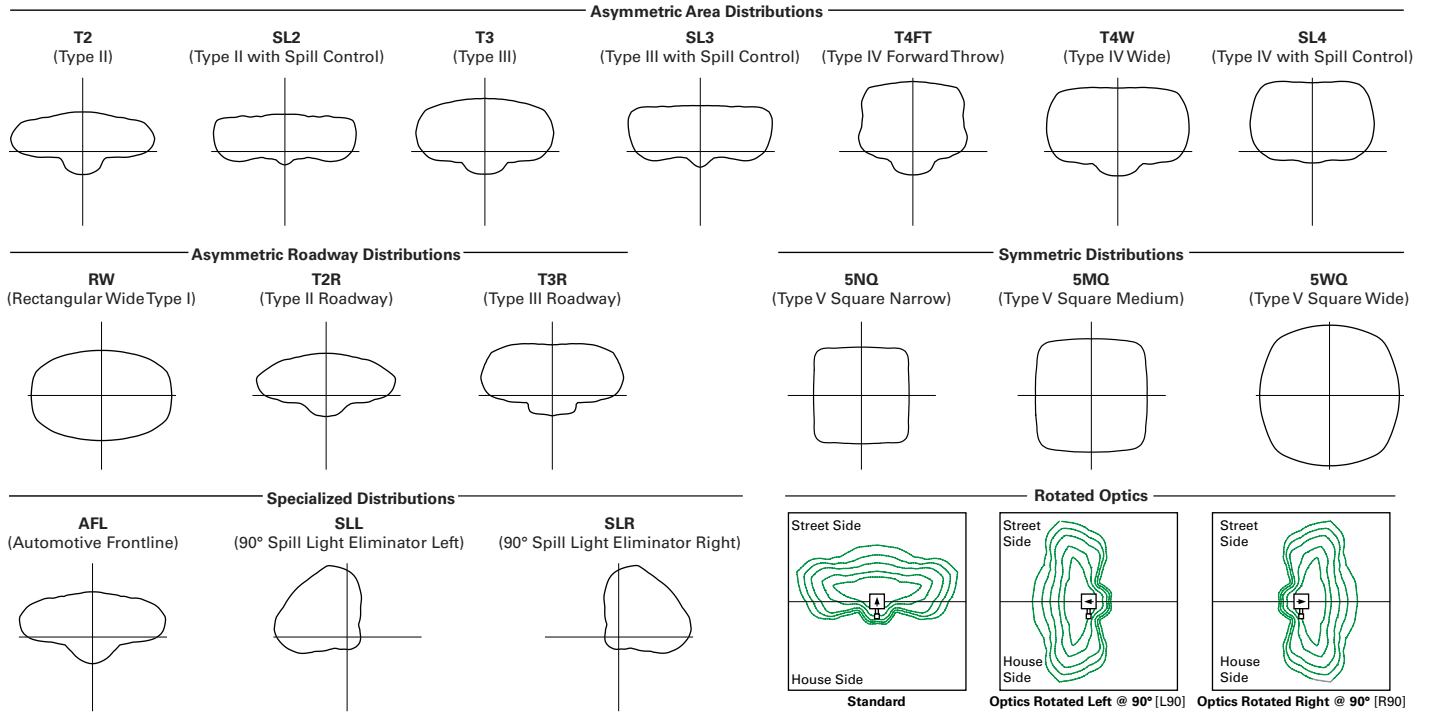


NOTES: 1 Round poles are 3 @ 120°, Square poles are 3 @ 90°. 2 Round poles are 3 @ 90°. 3 Shown with 4 square configurations

Fixture Weights and EPAs

Number of Light Squares	Weight with Standard and Extended Arm (lbs.)	EPA with Standard and Extended Arm (Sq. Ft.)	Weight with QM Arm (lbs.)	EPA with QM Arm (Sq. Ft.)	Weight with QML (lbs.)	EPA with QML (Sq. Ft.)	Weight with QMEA (lbs.)	EPA with QMEA (Sq. Ft.)
1-4	33	0.96	35	1.11	--	--	38	1.11
5-6	44	1.00	46	1.11	--	--	49	1.11
7-8	54	1.07	56	1.11	58	1.11	--	--
9-10	63	1.12	--	--	67	1.11	--	--

Optical Distributions



Product Specifications

Construction

- Extruded aluminum driver enclosure
- Heavy-wall, die-cast aluminum end caps
- Die-cast aluminum heat sinks
- Patent pending interlocking housing and heat sink

Optics

- Patented, high-efficiency injection-molded AccuLED Optics technology
- 16 optical distributions
- 3 shielding options including HSS, GRS and PFS
- IDA Certified (3000K CCT and warmer only)

Electrical

- LED drivers are mounted to removable tray

assembly for ease of maintenance

- Standard with 0-10V dimming
- Standard with Cooper Lighting Solutions proprietary circuit module designed to withstand 10kV of transient line surge
- Suitable for operation in -40°C to 40°C ambient environments. Optional 50°C high ambient (HA) configuration.

Mounting

- Standard extruded arm includes internal bolt guides and round pole adapter
- Extended arms (EA and QMEA) may be required in 90° or 120° pole mount configurations, see arm mounting requirements table

- Mast arm (MA) factory installed
- Wall mount (WM) option available
- Quick mount arm (QM and QMEA) includes pole adapter and factory installed fixture mount for fast installation to square or round poles

Finish

- Super housing durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- Heat sink is powder coated black
- RAL and custom color matches available
- Coastal Construction (CC) option available

Warranty

- Five year warranty

Energy and Performance Data

Lumen Maintenance (TM-21)

Drive Current	Ambient Temperature	25,000 hours*	50,000 hours*	60,000 hours*	100,000 hours**	Theoretical L70 hours**
Up to 1A	25°C	99.4%	99.0%	98.9%	98.3%	> 2.4M
	40°C	98.7%	98.3%	98.1%	97.4%	> 1.9M
	50°C	98.2%	97.2%	96.8%	95.2%	> 851,000
1.2A	25°C	99.4%	99.0%	98.9%	98.3%	> 2.4M
	40°C	98.5%	97.9%	97.7%	96.7%	> 1.3M

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

* Supported by IES TM-21 standards

** Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, explaining proper use of IES TM-21 and LM-80.

View GLEON IES files

Nominal Power Lumens (1.2A)

 Supplemental Performance Guide**

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Nominal Power (Watts)		67	129	191	258	320	382	448	511	575	640
Input Current @ 120V (A)		0.58	1.16	1.78	2.31	2.94	3.56	4.09	4.71	5.34	5.87
Input Current @ 208V (A)		0.33	0.63	0.93	1.27	1.57	1.87	2.22	2.52	2.8	3.14
Input Current @ 240V (A)		0.29	0.55	0.80	1.10	1.35	1.61	1.93	2.18	2.41	2.71
Input Current @ 277V (A)		0.25	0.48	0.70	0.96	1.18	1.39	1.69	1.90	2.09	2.36
Input Current @ 347V (A)		0.20	0.39	0.57	0.78	0.96	1.15	1.36	1.54	1.72	1.92
Input Current @ 480V (A)		0.15	0.30	0.43	0.60	0.73	0.85	1.03	1.16	1.28	1.45
Optics											
T2	4000K Lumens	7,972	15,580	23,245	30,714	38,056	45,541	53,857	61,024	68,072	75,366
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	119	121	122	119	119	119	120	119	118	118
T2R	4000K Lumens	8,462	16,539	24,680	32,609	40,401	48,348	57,176	64,783	72,266	80,010
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	126	128	129	126	126	127	128	127	126	125
T3	4000K Lumens	8,125	15,879	23,693	31,307	38,787	46,417	54,893	62,197	69,381	76,818
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	121	123	124	121	121	122	123	122	121	120
T3R	4000K Lumens	8,306	16,232	24,220	32,001	39,651	47,447	56,114	63,580	70,924	78,523
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	124	126	127	124	124	124	125	124	123	123
T4FT	4000K Lumens	8,173	15,970	23,831	31,488	39,014	46,686	55,212	62,558	69,783	77,261
	BUG Rating	B1-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	122	124	125	122	122	122	123	122	121	121
T4W	4000K Lumens	8,067	15,764	23,522	31,080	38,510	46,082	54,499	61,751	68,881	76,263
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5
	Lumens per Watt	120	122	123	120	120	121	122	121	120	119
SL2	4000K Lumens	7,958	15,552	23,206	30,662	37,989	45,462	53,763	60,920	67,952	75,235
	BUG Rating	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	119	121	121	119	119	119	120	119	118	118
SL3	4000K Lumens	8,124	15,877	23,690	31,302	38,784	46,410	54,885	62,189	69,372	76,805
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	121	123	124	121	121	121	123	122	121	120
SL4	4000K Lumens	7,719	15,085	22,510	29,741	36,850	44,097	52,148	59,089	65,913	72,977
	BUG Rating	B1-U0-G3	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	115	117	118	115	115	115	116	116	115	114
5NQ	4000K Lumens	8,380	16,375	24,436	32,287	40,003	47,870	56,610	64,144	71,552	79,221
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	125	127	128	125	125	125	126	126	124	124
5MQ	4000K Lumens	8,534	16,676	24,885	32,881	40,739	48,752	57,653	65,326	72,868	80,679
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	127	129	130	127	127	128	129	128	127	126
5WQ	4000K Lumens	8,556	16,723	24,951	32,968	40,847	48,881	57,808	65,499	73,063	80,894
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	128	130	131	128	128	128	129	128	127	126
SLL/SLR	4000K Lumens	7,140	13,951	20,817	27,506	34,081	40,783	48,231	54,649	60,959	67,492
	BUG Rating	B1-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	107	108	109	107	107	107	108	107	106	105
RW	4000K Lumens	8,304	16,228	24,215	31,994	39,641	47,437	56,100	63,566	70,907	78,504
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
	Lumens per Watt	124	126	127	124	124	124	125	124	123	123
AFL	4000K Lumens	8,335	16,287	24,302	32,110	39,784	47,610	56,303	63,796	71,163	78,790
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4	B4-U0-G4	B4-U0-G5
	Lumens per Watt	124	126	127	124	124	125	126	125	124	123

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

Nominal Power Lumens (1A)

 Supplemental Performance Guide**

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Nominal Power (Watts)		59	113	166	225	279	333	391	445	501	558
Input Current @ 120V (A)		0.51	1.02	1.53	2.03	2.55	3.06	3.56	4.08	4.60	5.07
Input Current @ 208V (A)		0.29	0.56	0.82	1.11	1.37	1.64	1.93	2.19	2.46	2.75
Input Current @ 240V (A)		0.26	0.48	0.71	0.96	1.19	0.41	1.67	1.89	2.12	2.39
Input Current @ 277V (A)		0.23	0.42	0.61	0.83	1.03	1.23	1.45	1.65	1.84	2.09
Input Current @ 347V (A)		0.17	0.32	0.50	0.64	0.82	1.00	1.14	1.32	1.50	1.68
Input Current @ 480V (A)		0.14	0.24	0.37	0.48	0.61	0.75	0.91	0.99	1.12	1.28
Optics											
T2	4000K Lumens	7,267	14,201	21,190	28,000	34,692	41,515	49,096	55,627	62,053	68,703
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	123	126	128	124	124	125	126	125	124	123
T2R	4000K Lumens	7,715	15,077	22,497	29,725	36,829	44,073	52,122	59,056	65,876	72,937
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	131	133	136	132	132	132	133	133	131	131
T3	4000K Lumens	7,408	14,475	21,598	28,539	35,358	42,313	50,039	56,698	63,246	70,024
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	126	128	130	127	127	127	128	127	126	125
T3R	4000K Lumens	7,571	14,798	22,078	29,172	36,145	43,253	51,153	57,959	64,653	71,581
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	128	131	133	130	130	130	131	130	129	128
T4FT	4000K Lumens	7,451	14,559	21,725	28,703	35,564	42,558	50,330	57,027	63,613	70,430
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	126	129	131	128	127	128	129	128	127	126
T4W	4000K Lumens	7,354	14,371	21,442	28,333	35,105	42,007	49,681	56,291	62,792	69,521
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	125	127	129	126	126	126	127	126	125	125
SL2	4000K Lumens	7,254	14,178	21,155	27,951	34,631	41,443	49,011	55,533	61,944	68,584
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	123	125	127	124	124	124	125	125	124	123
SL3	4000K Lumens	7,406	14,474	21,596	28,534	35,355	42,307	50,033	56,690	63,237	70,014
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	126	128	130	127	127	127	128	127	126	125
SL4	4000K Lumens	7,037	13,751	20,519	27,112	33,592	40,198	47,538	53,864	60,087	66,524
	BUG Rating	B1-U0-G3	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
	Lumens per Watt	119	122	124	120	120	121	122	121	120	119
5NQ	4000K Lumens	7,640	14,928	22,275	29,431	36,465	43,637	51,606	58,472	65,226	72,218
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	129	132	134	131	131	131	132	131	130	129
5MQ	4000K Lumens	7,779	15,203	22,684	29,973	37,137	44,441	52,555	59,549	66,427	73,545
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	132	135	137	133	133	133	134	134	133	132
5WQ	4000K Lumens	7,800	15,243	22,744	30,052	37,236	44,560	52,697	59,708	66,603	73,742
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	132	135	137	134	133	134	135	134	133	132
SLL/SLR	4000K Lumens	6,510	12,719	18,977	25,075	31,067	37,176	43,967	49,817	55,569	61,525
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	110	113	114	111	111	112	112	112	111	110
RW	4000K Lumens	7,570	14,793	22,073	29,165	36,137	43,243	51,140	57,945	64,637	71,564
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5
	Lumens per Watt	128	131	133	130	130	130	131	130	129	128
AFL	4000K Lumens	7,598	14,847	22,154	29,272	36,267	43,400	51,326	58,156	64,872	71,824
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4	B4-U0-G4	B4-U0-G4
	Lumens per Watt	129	131	133	130	130	130	131	131	129	129

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

Nominal Power Lumens (800mA)

 Supplemental Performance Guide**

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Nominal Power (Watts)		44	85	124	171	210	249	295	334	374	419
Input Current @ 120V (A)		0.39	0.77	1.13	1.54	1.90	2.26	2.67	3.03	3.39	3.80
Input Current @ 208V (A)		0.22	0.44	0.62	0.88	1.06	1.24	1.50	1.68	1.87	2.12
Input Current @ 240V (A)		0.19	0.38	0.54	0.76	0.92	1.08	1.30	1.46	1.62	1.84
Input Current @ 277V (A)		0.17	0.36	0.47	0.72	0.83	0.95	1.19	1.31	1.42	1.67
Input Current @ 347V (A)		0.15	0.24	0.38	0.49	0.63	0.77	0.87	1.01	1.15	1.52
Input Current @ 480V (A)		0.11	0.18	0.29	0.37	0.48	0.59	0.66	0.77	0.88	0.96
Optics											
T2	4000K Lumens	5,871	11,474	17,121	22,622	28,029	33,542	39,667	44,944	50,134	55,508
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	133	135	138	132	133	135	134	135	134	132
T2R	4000K Lumens	6,233	12,181	18,176	24,016	29,756	35,608	42,111	47,714	53,224	58,929
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5
	Lumens per Watt	142	143	147	140	142	143	143	143	142	141
T3	4000K Lumens	5,986	11,695	17,450	23,057	28,568	34,186	40,430	45,809	51,099	56,576
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	136	138	141	135	136	137	137	137	137	135
T3R	4000K Lumens	6,117	11,955	17,838	23,569	29,203	34,946	41,328	46,827	52,235	57,832
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	139	141	144	138	139	140	140	140	140	138
T4FT	4000K Lumens	6,019	11,763	17,551	23,190	28,734	34,384	40,663	46,074	51,396	56,904
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	137	138	142	136	137	138	138	138	137	136
T4W	4000K Lumens	5,942	11,610	17,324	22,891	28,363	33,940	40,138	45,480	50,732	56,169
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	135	137	140	134	135	136	136	136	136	134
SL2	4000K Lumens	5,862	11,454	17,091	22,583	27,980	33,484	39,598	44,867	50,048	55,411
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	133	135	138	132	133	134	134	134	134	132
SL3	4000K Lumens	5,985	11,694	17,447	23,053	28,565	34,182	40,424	45,804	51,092	56,568
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
	Lumens per Watt	136	138	141	135	136	137	137	137	137	135
SL4	4000K Lumens	5,685	11,111	16,577	21,905	27,140	32,478	38,409	43,520	48,546	53,748
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	129	131	134	128	129	130	130	130	130	128
5NQ	4000K Lumens	6,172	12,061	17,997	23,778	29,462	35,256	41,694	47,242	52,699	58,347
	BUG Rating	B2-U0-G1	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
	Lumens per Watt	140	142	145	139	140	142	141	141	141	139
5MQ	4000K Lumens	6,285	12,283	18,328	24,217	30,004	35,907	42,462	48,112	53,669	59,421
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
	Lumens per Watt	143	145	148	142	143	144	144	144	144	142
5WQ	4000K Lumens	6,303	12,317	18,377	24,281	30,085	36,001	42,575	48,241	53,812	59,579
	BUG Rating	B3-U0-G1	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5	B5-U0-G5	B5-U0-G5
	Lumens per Watt	143	145	148	142	143	145	144	144	144	142
SLL/SLR	4000K Lumens	5,260	10,276	15,332	20,259	25,101	30,037	35,522	40,249	44,898	49,708
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	120	121	124	118	120	121	120	121	120	119
RW	4000K Lumens	6,116	11,952	17,834	23,563	29,196	34,938	41,317	46,817	52,224	57,819
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	139	141	144	138	139	140	140	140	140	138
AFL	4000K Lumens	6,139	11,996	17,899	23,650	29,302	35,064	41,468	46,987	52,412	58,030
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4
	Lumens per Watt	140	141	144	138	140	141	141	141	140	138

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

Nominal Power Lumens (600mA)

 Supplemental Performance Guide**

Number of Light Squares		1	2	3	4	5	6	7	8	9	10
Nominal Power (Watts)		34	66	96	129	162	193	226	257	290	323
Input Current @ 120V (A)		0.30	0.58	0.86	1.16	1.44	1.73	2.03	2.33	2.59	2.89
Input Current @ 208V (A)		0.17	0.34	0.49	0.65	0.84	0.99	1.14	1.30	1.48	1.63
Input Current @ 240V (A)		0.15	0.30	0.43	0.56	0.74	0.87	1.00	1.13	1.30	1.43
Input Current @ 277V (A)		0.14	0.28	0.41	0.52	0.69	0.81	0.93	1.04	1.22	1.33
Input Current @ 347V (A)		0.11	0.19	0.30	0.39	0.49	0.60	0.69	0.77	0.90	0.99
Input Current @ 480V (A)		0.08	0.15	0.24	0.30	0.38	0.48	0.53	0.59	0.71	0.77
Optics											
T2	4000K Lumens	4,787	9,357	13,961	18,448	22,856	27,353	32,347	36,651	40,884	45,265
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	141	142	145	143	141	142	143	143	141	140
T2R	4000K Lumens	5,083	9,934	14,822	19,585	24,266	29,038	34,341	38,911	43,404	48,055
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
	Lumens per Watt	150	151	154	152	150	150	152	151	150	149
T3	4000K Lumens	4,880	9,537	14,231	18,803	23,296	27,878	32,970	37,358	41,671	46,137
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5
	Lumens per Watt	144	145	148	146	144	144	146	145	144	143
T3R	4000K Lumens	4,988	9,749	14,547	19,220	23,814	28,497	33,703	38,188	42,598	47,162
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	147	148	152	149	147	148	149	149	147	146
T4FT	4000K Lumens	4,909	9,591	14,312	18,911	23,432	28,040	33,161	37,574	41,913	46,404
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
	Lumens per Watt	144	145	149	147	145	145	147	146	145	144
T4W	4000K Lumens	4,845	9,468	14,128	18,668	23,130	27,678	32,732	37,088	41,371	45,805
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	143	143	147	145	143	143	145	144	143	142
SL2	4000K Lumens	4,779	9,341	13,937	18,416	22,818	27,305	32,292	36,589	40,813	45,188
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
	Lumens per Watt	141	142	145	143	141	141	143	142	141	140
SL3	4000K Lumens	4,879	9,536	14,229	18,800	23,294	27,874	32,965	37,351	41,666	46,130
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	144	144	148	146	144	144	146	145	144	143
SL4	4000K Lumens	4,637	9,059	13,519	17,863	22,132	26,486	31,322	35,490	39,589	43,831
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G4	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	136	137	141	138	137	137	139	138	137	136
5NQ	4000K Lumens	5,033	9,835	14,676	19,392	24,026	28,751	34,002	38,526	42,975	47,581
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3
	Lumens per Watt	148	149	153	150	148	149	150	150	148	147
5MQ	4000K Lumens	5,126	10,015	14,946	19,747	24,468	29,281	34,628	39,236	43,766	48,457
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G4
	Lumens per Watt	151	152	156	153	151	152	153	153	151	150
5WQ	4000K Lumens	5,139	10,043	14,985	19,801	24,533	29,359	34,721	39,339	43,883	48,586
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G4	B5-U0-G5	B5-U0-G5
	Lumens per Watt	151	152	156	153	151	152	154	153	151	150
SLL/SLR	4000K Lumens	4,289	8,380	12,502	16,520	20,469	24,494	28,967	32,823	36,613	40,537
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
	Lumens per Watt	126	127	130	128	126	127	128	128	126	126
RW	4000K Lumens	4,987	9,746	14,543	19,215	23,808	28,491	33,695	38,178	42,587	47,151
	BUG Rating	B2-U0-G1	B3-U0-G1	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
	Lumens per Watt	147	148	151	149	147	148	149	149	147	146
AFL	4000K Lumens	5,007	9,782	14,597	19,285	23,896	28,594	33,817	38,317	42,742	47,322
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
	Lumens per Watt	147	148	152	149	148	148	150	149	147	147

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.

Control Options

0-10V (DIM)

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

Photocontrol (BPC, PR and PR7)

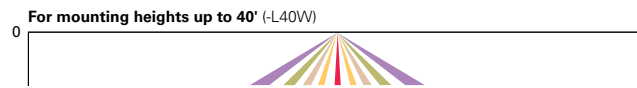
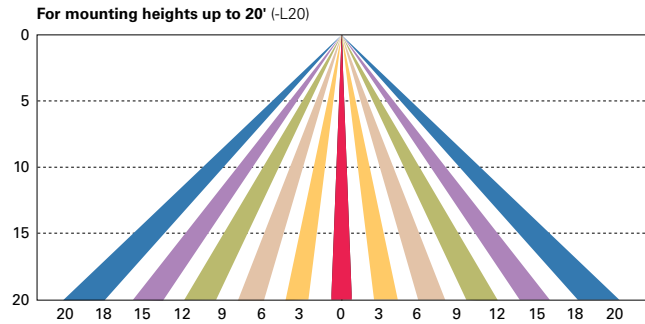
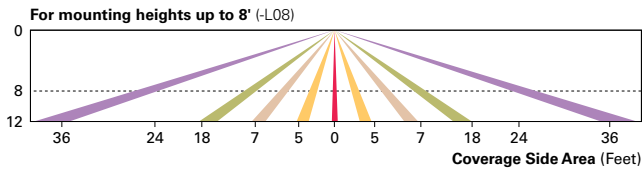
Optional button-type photocontrol (BPC) and photocontrol receptacles (PR and PR7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PR7 receptacle.

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.

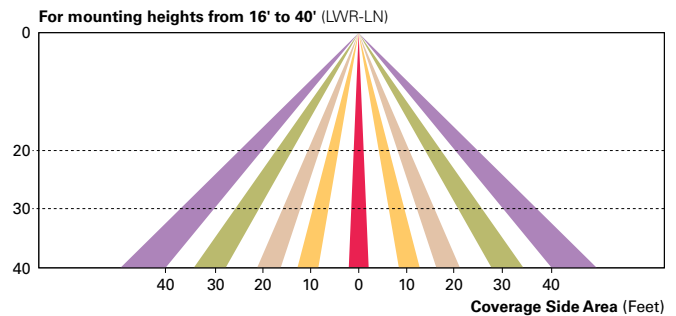
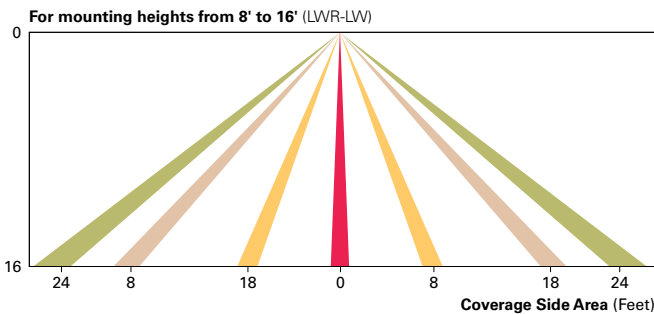
Dimming Occupancy Sensor (SPB, MS/DIM-LXX, MS/X-LXX and MS-LXX)

These sensors are factory installed in the luminaire housing. When the SPB or MS/DIM sensor options are 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 MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MS-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity. The MS/X-LXX is also preset for five minutes and only controls the specified number of light engines to maintain steady output from the remaining light engines. SPB motion sensors require the Sensor Configuration mobile application by Wattstopper to change factory default dimming level, time delay, sensitivity and other parameters. Available for iOS and Android devices. The SPB sensor is factory preset to dim down to approximately 10% power with a time delay of five minutes. The MS/DIM occupancy sensors require the FSIR-100 programming tool to adjust factory defaults.



Enlighted Wireless Control and Monitoring System (LWR-LW and LWR-LN)

Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.



WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A)

The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

LumenSafe Integrated Network Security Camera (LD)

Cooper Lighting Solutions brings ease of camera deployment to a whole new level. No additional wiring is needed beyond providing line power to the luminaire. A variety of networking options allows security integrators to design the optimal solution for active surveillance. As the ideal solution to meet the needs for active surveillance, the LumenSafe integrated network camera is a streamlined, outdoor-ready fixed dome that provides HDTV 1080p video. This IP camera is optimally designed for deployment in the video management system or security software platform of choice.

Synapse (DIM10)

SimplySNAP integrated wireless controls system by Synapse. Includes factory installed DIM10 Synapse control module and FSP-201 motion sensor; requires additional Synapse system components for operation. Contact Synapse at www.synapsewireless.com for product support, warranty and terms and conditions.

Rogers Behavioral Health, Inc.
3011 N. Cedar Ridge Road (SUMT0625998)
Conditional Use Amendment – 20-bed residential facility
6/19/2025 Plan Commission Meeting
8/21/2025 Plan Commission Meeting

Staff Report

Village of Summit, Wisconsin

Property Owner:	Rogers Behavioral Health, Inc.
Applicant:	Eric Wittnebel
Zoning:	IN Institutional, WC Wetland Conservancy, FO Floodplain Overlay, and EC Environmental Corridor Overlay
Land Use Plan:	Institutional, PEC and Wetland

Possible Motion:

Motion to approve the Site Plan improvements related to a dumpster enclosure, exterior building color, landscaping, lighting, and mechanical screening and Business Plan of Operation for a new 20-bed community-based residential facility and associated activities located at 3011 N. Cedar Ridge Road (SUMT0625998), subject to the following conditions:

- 1. The lighting plan shall be reviewed and approved by staff to ensure enough illumination for safety purposes while protecting the lake neighborhood from light trespass or unwanted upward aiming light. The comments of the engineering staff shall be addressed as part of the submittal for staff review.*
- 2. The retaining wall railing shall be reviewed and approved by staff for substantial conformance with Plan Commission's recommendations.*

Summary:

At the June meeting, Plan Commission approved the Conditional Use Amendment - Site Development Plans for a 20-bed residential facility and to renew the Conditional Use until January 31, 2031, subject to several conditions. The conditions included that the applicant shall submit a dumpster enclosure plan and revised color scheme for the exterior of the building for the August Plan Commission meeting. Staff is also asking Plan Commission to consider recommendations related to landscaping, lighting, and mechanical screening.

Dumpster Enclosure: The applicant is proposing a dumpster enclosure with fiber cement trim board and siding painted a color to match the building. The gate would consist of a galvanized steel frame with fiber cement siding.

Exterior Building Color: The applicant has revised the exterior building color to consist of greige reflection board & batten siding (rather than arctic white), Appalachian Sky dimensional shingles (rather than Charcoal), Midnight Bronze metal roofing (rather than Traditional Black), Brown trim on window (rather than black), and the natural stone will continue to be Kensington Full Color Limestone.

Mechanical Screening: The applicant included some site line views from the lake looking at the property. The applicant does not feel that the roof-top mechanicals will be visible through the

trees. However, they are willing to install an enclosure if necessary. It does appear that most trees are deciduous and will lose their leaves during the winter.

Landscaping: The landscape plan was approved at the June meeting. Engineering staff felt that the applicant was using a nice mix of plant types and textures. Staff recommended a railing to the north building entrance on the east side of the stoop since there is a retaining wall that appears to be 5-6 ft. tall.

Staff would like feedback from the Plan Commission regarding the railing, specifically material requirements if the installation is necessary.

Lighting: The applicant is proposing two-12'6" tall single-head pole lights in the new parking lot and four-4 ft. tall bollard lights along the sidewalks and near the dumpster enclosure. There are also several wall-mounted lights. Engineering staff reviewed the lighting plans that were considered at the June meeting and had several comments as follows:

- Proposed parking lot luminaires are full-cutoff, building-mounted luminaires will depend upon building features such as soffit overhang to eliminate upward aiming light
- The proposed light pole locations for the new north parking lot does not adequately illuminate the lot – very poor uniformity
- Relocated poles are not included in the photometric calculation. This leaves the new central and southern parking lots with unknown lighting levels
- 4000 Kelvin is identified for all proposed luminaires – If the remainder of the campus currently employs 4000K, this would be appropriate.
- New patio to east of building could use another bollard pole and one more calculation point
- It is recommended that the applicant revise the photometric plan to include the contribution from all relocated and new poles around the site. It is also recommended they add or relocate new poles to better illuminate the parking lots.
- Some elevation drawings of the proposed building would help to understand how the proposed building-mounted luminaires are being applied and if they will contribute to unwanted upward aiming light.

Staff would like feedback from Plan Commission regarding whether the commission would accept additional lighting for safety purposes.

Business Plan of Operation: The use of the addition was described at the June meeting as a facility that will serve and treat OCD patients. The new building will include residential accommodations with 20 beds, as well as clinical treatment and programming in the lower level. Operations, treatment, and management will be similar to current operations. There will be no change in the number of employees (20-24 employees over three shifts) and no changes in the hours of operation (24 hours a day/7days a week).

SITE PLAN GENERAL NOTES:

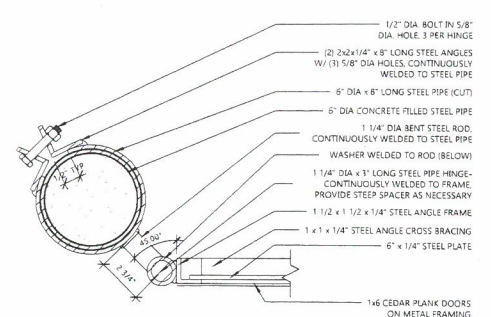
- ARCHITECTURAL SITE PLAN IS FOR REFERENCE ONLY. SEE CIVIL AND LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
- NOTIFY DESIGNER'S HOTLINE, WISCONSIN'S ONE-CALL CENTER (3) WORKING DAYS PRIOR TO THE START OF ANY WORK. CALL 811 OR (800) 242-8511 OR WWW.DIGGERSHOTLINE.COM
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND COORDINATES. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED TO PERFORM WORK IN ACCORDANCE WITH REQUIREMENTS AND PROCEDURES OF ANY AND ALL AUTHORITIES HAVING JURISDICTION.

KEYED ARCHITECTURAL SITE PLAN NOTES	
TAG #	DESCRIPTION
1	ACCESSIBLE EGRESS ROUTE

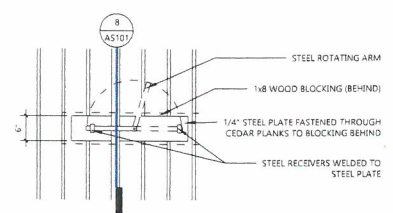
DISCLAIMER: ARCHITECTURAL SITE PLANS SHOWN FOR REPRESENTATION ONLY. SEE CIVIL PLANS FOR FINAL LAYOUT, GRADING AND UTILITY INFORMATION. ANY DISCREPANCIES BETWEEN ARCHITECTURAL SITE PLAN AND CIVIL PLANS MUST BE PROMPTLY REPORTED TO ARCHITECT PRIOR TO COMMENCING WORK



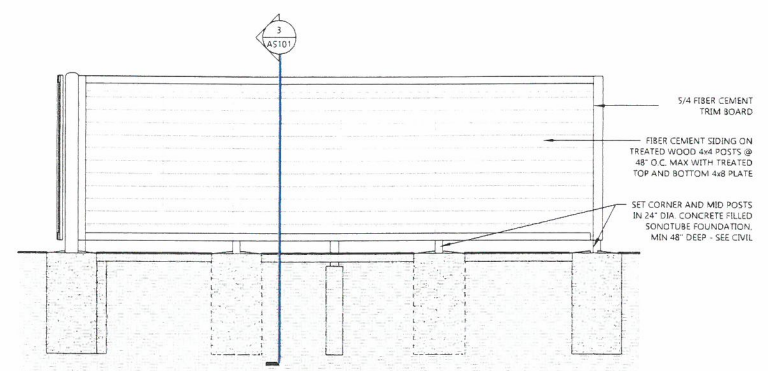
8 DUMPSTER LATCH DETAIL
AS101 1" = 1'-0"



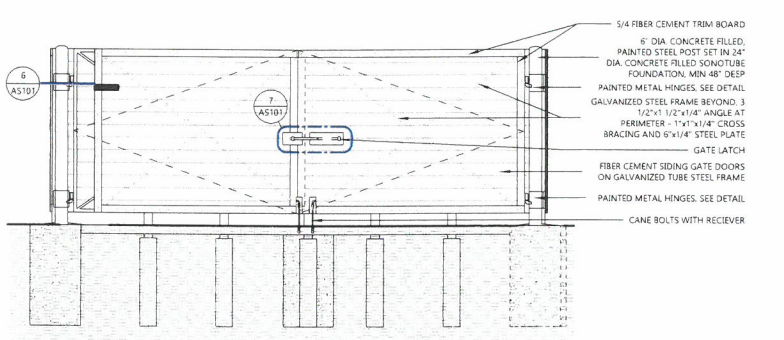
6 DUMPSTER HINGE
AS101 3" = 1'-0"



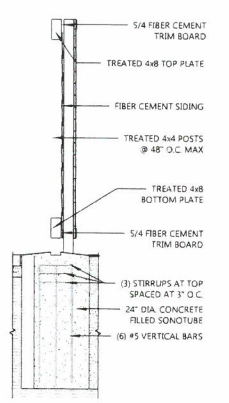
7 DUMPSTER LATCH
AS101 3/4" = 1'-0"



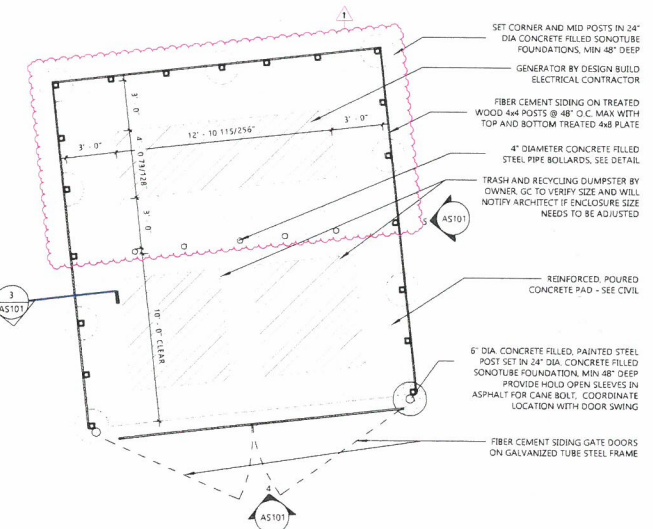
5 DUMPSTER ENCLOSURE - SIDE
AS101 3/8" = 1'-0"



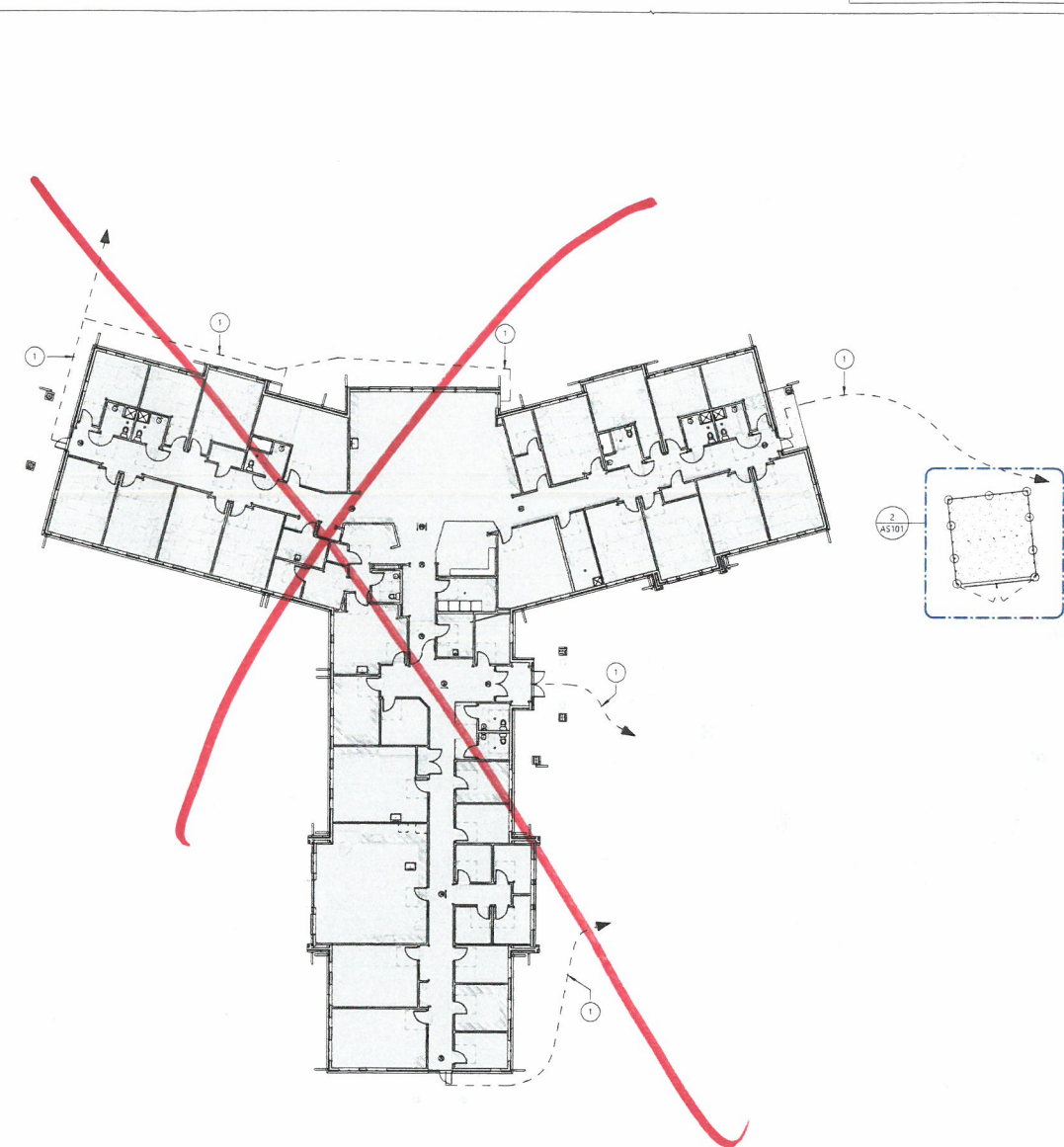
4 DUMPSTER ENCLOSURE - FRONT
AS101 3/8" = 1'-0"



3 DUMPSTER ENCLOSURE
AS101 1/2" = 1'-0"



2 DUMPSTER ENCLOSURE
AS101 1/4" = 1'-0"



1 ARCHITECTURAL SITE PLAN
AS101 1/16" = 1'-0"

PROJECT
ROGERS
BEHAVIORAL HEALTH
OCONOMOWOC
24-BED ADULT EDC
CBRF

34700 VALLEY ROAD
OCONOMOWOC, WI

ISSUE
NO. REV. DATE DESCRIPTION
1 07/25/2018 CONSTRUCTION BULLETIN #1

PROJECT INFO
Date: 05.23.2025
Project No: 24.103

SHEET TITLE
ARCHITECTURAL SITE PLAN

AS101

© Groth Design Group, Inc.

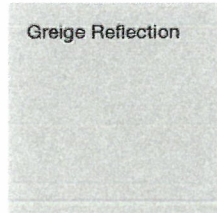
CONSTRUCTION DOCUMENTS



Exterior Stone: Kensington Full Color Limestone Full Bed Natural Stone



Architectural Shingle: GAF Timberline "Appalachian Sky" Dimensional Shingle



Board & Batten Siding: Hardie Board 'Greige Reflection'



Standing Seam Metal Roofing: Pac-Clad 'Midnight Bronze'



Windows: Pella Impervia Fiberglass 'Brown'



Cedar Ridge - CBRF Residential Facility

Cedar Ridge Road,
Oconomowoc, WI 53066

Exterior Materials
July 22nd, 2025

ROGERS
Behavioral Health



Quorum Architects, Inc.
© 2023 Quorum Architects, Inc.



Cedar Ridge - EDC Residential Facility

Cedar Ridge Road,
Oconomowoc, WI 53066

Hardie Board Siding Selection
Greige Reflection - Entry View

ROGERS
Behavioral Health



Quorum Architects, Inc.
© 2025 Quorum Architects, Inc.



Cedar Ridge - EDC Residential Facility

Cedar Ridge Road,
Oconomowoc, WI 53066

Hardie Board Siding Selection
Greige Reflection - Side View

ROGERS
Behavioral Health







Narrative of Use

Rogers is proposing to construct a new 20-bed residential facility building to better serve and treat OCD patients. This use will be an expansion of our existing residential OCD facility located on the same property. Operations, treatment and management will be similar to the now operating facility on this site. The single-story structure with an exposed lower level will have living facilities on the first level with clinical treatment and programming on the lower level, all in an effort to better serve and treat our patients.

Existing on the property and in the general vicinity of the proposed building are 3 separate buildings each containing (4) individual one-bedroom apartments with living rooms, kitchens and sunrooms, for a total of (12) apartments. Prior to Rogers purchase, these apartments were occupied by up to (24) occupants. As part of Rogers Conditional Use Permit approved by both parties on July 5, 2013 and renewed January 19, 2023, Rogers was approved to operate 20 additional beds. There appears to be some confusion about what exhibits are part of that approved CUP and if the additional 20-beds are to be located in three of the existing structures or a single building.

This Application includes the addition of those 20-beds in a single one-story building (with lower level exposed) rather than add those 20- beds in the (3) existing structures. The existing structures, estimated to have been constructed in the 1960's and are not feasible for licensing by the State of Wisconsin. This application proposes to demolish the mentioned structures totaling 10,930 SF and construct a new single structure with a first-floor footprint of 7,734 SF, a footprint reduction of 3,193 Sf or 29%. Furthermore, each of the existing (3) structures is 104' long (total combined front elevations is 312' lineal feet. The new single structure front elevation is 142'-2", less than half. In addition, we feel the demolition of the old structures and the addition of the new building will substantially enhance the overall appearance, create more open space and views to the lake, wetlands and overall lake country setting.

In summary, we feel the approval of a single 20 bed structure, with 29% less footprint and 55% less reduction in front elevation vs. the same 20 beds spread out in 3-separate buildings is a prudent choice. Hopefully the Plan Commission agrees it is not a substantial change in the overall scope of our 22-acre parcel and a wise choice for our Cedar Ridge campus and the Village of Summit.

ROGERS BEHAVIORAL HEALTH CEDAR RIDGE CAMPUS SITE DEVELOPMENT PLANS VILLAGE OF SUMMIT, WISCONSIN

GENERAL NOTES

THE LATEST EDITIONS OF THE FOLLOWING DOCUMENTS AND ANY SUPPLEMENTS THERE TO SHALL GOVERN ALL CONSTRUCTION ITEMS ON THIS PLAN UNLESS OTHERWISE NOTED.

- STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, 8TH EDITION (2010/09/01)
- THE WISCONSIN CODE OFFICIALS SPECIFICATIONS FOR HIGHWAY AND STRUCTURAL CONSTRUCTION, LATEST EDITION
- WATER STOP WATERPLUGS TECHNICAL STANDARDS
- WOODS' PAL APPROVED EROSION CONTROL MEASURES LIST, LATEST EDITION
- VILLAGE OF SUMMIT DEVELOPMENT STANDARDS, LATEST EDITION

THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO MINIMIZE EROSION, WATER POLLUTION AND SILTATION CAUSED BY CONSTRUCTION OF THIS PROJECT. EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS.

EROSION CONTROL PLAN: PRIOR TO BEGINNING WORK, AN APPROVED EROSION CONTROL PLAN WILL BE PROVIDED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY IMPLEMENTING THE APPROVED PLAN.

THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY FLOOR CURB OR PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CORNERS BY REFERENCED SHOWN CORNERS TO KNOW PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CORNERS PRIOR TO PROCEEDING WITH WORK.

THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL LOCATIONS AT 800-428-5111. COST OF REPLACEMENT OR REPAIR OF EXISTING UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

EXISTING UTILITY INFORMATION IS SHOWN FROM SURVEY WORK, FIELD OBSERVATIONS, AVAILABLE PUBLIC RECORDS, AND AS-BUILT DRAWINGS. EXACT LOCATIONS AND DEPTHS OF UTILITIES SHALL BE DETERMINED PRIOR TO INSTALLING NEW WORK. EXCAVATE TEST PITS AS REQUIRED.

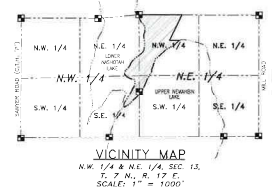
PROPERTY CORNERS SHALL BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN NOTIFIED BY A PROFESSIONAL LAND SURVEYOR. PROPERTY MARKERS DISOBEYED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ENGINEER SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF PERFORMING ANY CONSTRUCTION.

ALL TRENCHING SHALL BE PERFORMED ACCORDING TO OSHA STANDARDS. THE CONTRACTOR SHALL CLOSE ALL ADJACENT STREETS OF ANY SEGMENT OR CORNER BY SHORING BEFORE THE END OF THE WORKING DAY OR AS DIRECTED BY THE VILLAGE ENGINEER.



SITE PLAN



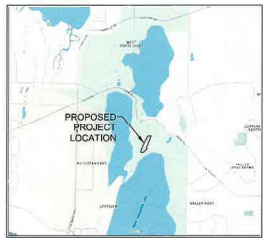
DEVELOPER
ROGERS BEHAVIORAL HEALTH
CONTACT: JACK COLLIER
34700 VALLEY ROAD
DUNSMITH, WI 53006
PHONE: (262) 893-1458

DESIGN ENGINEER
RHO ENGINEERS, LLC
4100 N. CALHOUN RD., STE 300
BROOKFIELD, WI 53003
CONTACT: MATTHEW BAILEY, PE
PHONE: (262) 795-1465

VILLAGE ENGINEER
SSW, INC.
501 MAPLE AVE.
DELAFIELD, WI 53019
CONTACT: MICHAEL COURT, PE
PHONE: (414) 648-4615

SHEET INDEX

CIVIL	
T1	COVER SHEET
C10	INITIAL SITE PLAN
C11	EXISTING SITE & BUILDING PLAN
C12	PROPOSED SITE PLAN
C20	GRADING PLAN
C30	EROSION CONTROL PLAN
C40	UTILITY PLAN
C40 - C42	CONSTRUCTION DETAILS






4100 N. Calhoun Rd
Suite 300
Brookfield, WI 53005
Tel: 262-795-1465
Fax: 262-795-1465

PROJECT:
20-BED ADULT OCD CBRF
ROGERS MEMORIAL HOSPITAL
CEDAR RIDGE CAMPUS
BY: ROGERS MEMORIAL HOSPITAL
34700 VALLEY ROAD
VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY	
DATE	DESCRIPTION
06/18/2024	PROCESS SET
06/18/2024	PC SUBMITTAL

DATE: MAY 18, 2025

JOB NUMBER: 13002

DESCRIPTION:
COVER SHEET

SHEET
T1



CONTRACTOR IS REQUIRED TO CONTACT DIGGER'S HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 182.0715 REQUIRES 48 HRS. OF 3 WORK DAYS NOTICE BEFORE YOU LEAVE.
CALL DIGGER'S HOTLINE 1-800-848-8813

NOTE:
 EXISTING UNDERGROUND UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS. THE ENGINEER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN LOCATION OF UTILITIES IN THE FIELD AND LOCATIONS SHOWN ON THE PLANS.



4100 N. Calhoun Rd
 Suite 200
 Brookfield, WI 53005
 Phone: 262.781.1000
 Fax: 262.781.1001

PROJECT:
 20-BED ADULT OCD CBRF
 ROGERS MEMORIAL HOSPITAL
 CEDAR RIDGE CAMPUS
 BY: ROGERS MEMORIAL HOSPITAL
 34700 VALLEY ROAD
 VILLAGE OF SUMMIT, WISCONSIN

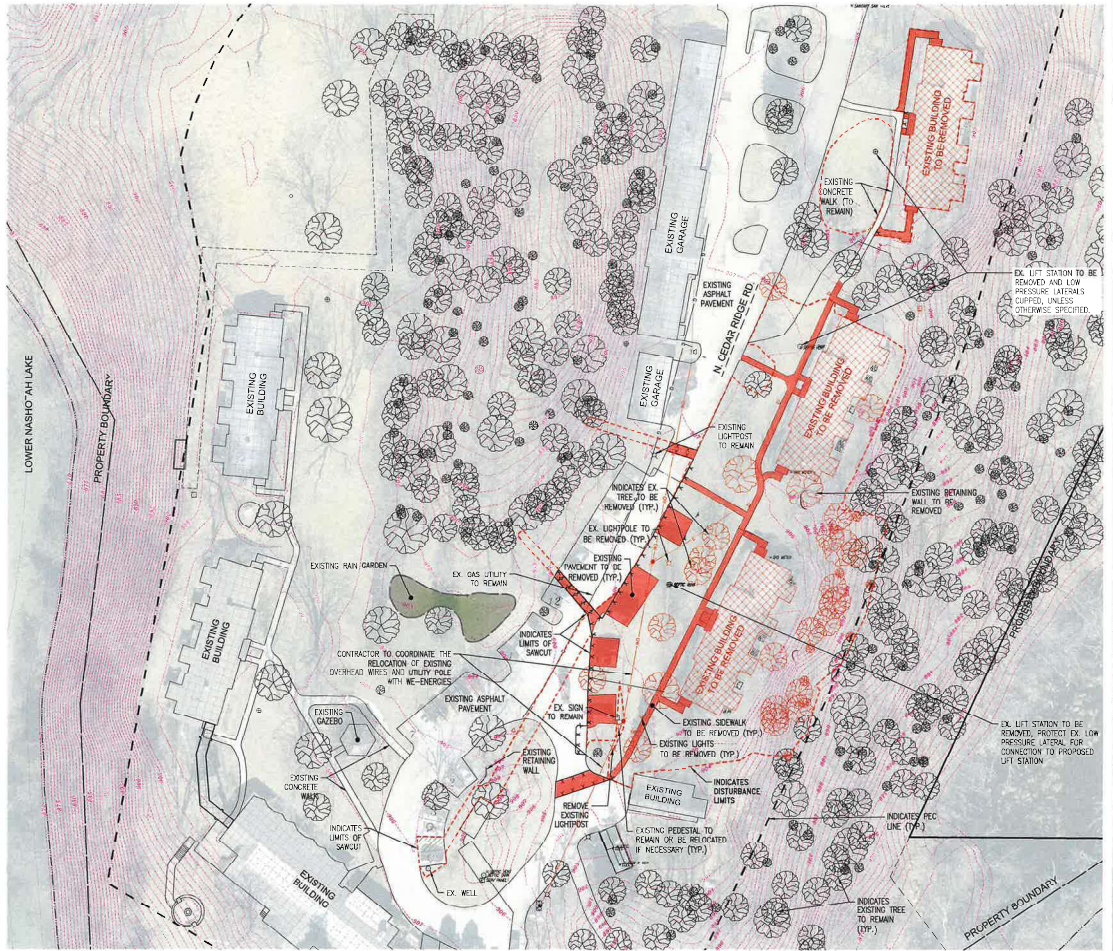
REVISION HISTORY	
DATE	DESCRIPTION
06/02/2020	PROPOSED ILL
06/16/2020	PC SUBMITTAL

DATE:
 MAY 19, 2026

JOB NUMBER:
 13002

DESCRIPTION:
 OVERALL SITE PLAN

SHEET
C1.0



LEGEND:

---	EXISTING CONTOUR
---	EXISTING SANITARY SEWER
---	EXISTING SANITARY MANHOLE
---	EXISTING WALKWAY
---	EXISTING HYDRANT
---	EXISTING STORM SEWER
---	EXISTING STORM MANHOLE
---	EXISTING STORM INLET
---	EXISTING TRANSFORMER
---	EXISTING ELECTRIC PEDESTAL
---	EXISTING TELEPHONE PEDESTAL
---	EXISTING CABLE PEDESTAL
---	EXISTING POWER POLE

CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. MINIMUM STATUTE (LEGISLATION) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.
CALL DIGGERS HOTLINE 1-800-542-8811

NOTE: EXISTING UNDERGROUND UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS. THE ENGINEER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE ASSUMED AS A DUTY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN LOCATION OF UTILITIES IN THE FIELD AND LOCATIONS SHOWN ON THE PLANS.




4100 N. Calhoun Rd
Suite 200
Brookfield, WI 53005
Phone: 262-781-8800
Fax: 262-781-8801

PROJECT:
20-BED ADULT OCD CBRF
ROGERS MEMORIAL HOSPITAL
 CEDAR RIDGE CAMPUS
 ROGERS MEMORIAL HOSPITAL
 34700 VALLEY ROAD
 VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY	
DATE	DESCRIPTION
06/18/2025	PROGRAM SET
06/18/2025	PC SUBMITTAL

DATE:
MAY 19, 2025

JOB NUMBER:
13002

DESCRIPTION:
EXISTING SITE & DEMOLITION PLAN

SHEET
C11

SITE DATA	
EXISTING LOT AREA DATA	
OFFICE PROPERTY AREA:	2,770 Acres
TOTAL PROJECT AREA (DISTURBANCE AREA):	49,363 S.F. (0.133 Acres)
TOTAL PAVEMENT AREA:	4,984 S.F. (0.114 Acres)
TOTAL BUILDING AREA:	156,632 S.F. (3.541 Acres)
TOTAL OPEN SPACE AREA:	35,709 S.F. (0.817 Acres)
PROPOSED DEVELOPMENT AREA DATA	
TOTAL BUILDING AREA:	8,328 S.F. (0.189 Acres)
TOTAL PAVEMENT AREA:	14,221 S.F. (0.324 Acres)
TOTAL OPEN SPACE AREA:	36,811 S.F. (0.840 Acres)
PARKING DATA	
EXISTING PARKING:	20 SPACES
PROPOSED DECK SPACE SPACES:	2 SPACES
PROPOSED SURFACE ADA SPACES:	2 SPACES
TOTAL PARKING:	24 SPACES

NOTES:
 1. ALL UTILITIES SHOWN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY.
 2. ALL UTILITIES SHOWN TO BE UNDERGROUND.



LEGEND	
(Symbol)	EXISTING CONTIGUOUS
(Symbol)	EXISTING SANITARY MANHOLE
(Symbol)	EXISTING WATER MAIN
(Symbol)	EXISTING STORM
(Symbol)	EXISTING STORM SEWER
(Symbol)	EXISTING STORM MANHOLE
(Symbol)	EXISTING STORM INLET
(Symbol)	EXISTING TRANSFORMER
(Symbol)	EXISTING ELECTRICAL PEGS/POLE
(Symbol)	EXISTING FULL-TIME PEGS/POLE
(Symbol)	EXISTING CANV. PEGS/POLE
(Symbol)	EXISTING POWER POLE
(Symbol)	PROPOSED SANITARY SEWER
(Symbol)	PROPOSED SANITARY MANHOLE
(Symbol)	PROPOSED WATER MAIN
(Symbol)	PROPOSED HYDRANT
(Symbol)	PROPOSED WATER VALVE
(Symbol)	PROPOSED STORM SEWER
(Symbol)	PROPOSED STORM MANHOLE
(Symbol)	PROPOSED STORM INLET
(Symbol)	PROPOSED STORM END SECTION

CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 142.01(5) REQUIRES MIN. OF 3 WORK DAYS BEFORE YOU EXCAVATE.
CALL DIGGERS HOTLINE 1-800-348-0811
 NOTE: THIS IS AN UNDERGROUND UTILITY INFORMATION HAS BEEN OBTAINED FROM AVAILABLE RECORDS. THE ENGINEER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. REVISIONS TO THE INFORMATION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE ASSIGNED AS A CONDITION OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN LOCATION OF UTILITIES IN THE FIELD AND LOCATIONS SHOWN ON THE PLANS.



TRIO
 5100 N. Calhoun Rd
 Suite 300
 Brookfield, WI 53005
 Phone: 262-781-8800
 Fax: 262-781-8801

PROJECT:
 20-BED ADULT OCD CBRF
 ROGERS MEMORIAL HOSPITAL
 CEDAR RIDGE CAMPUS
 ROGERS MEMORIAL HOSPITAL
 BY: 84700 VALLEY ROAD
 VILLAGE OF SUMMIT, WISCONSIN

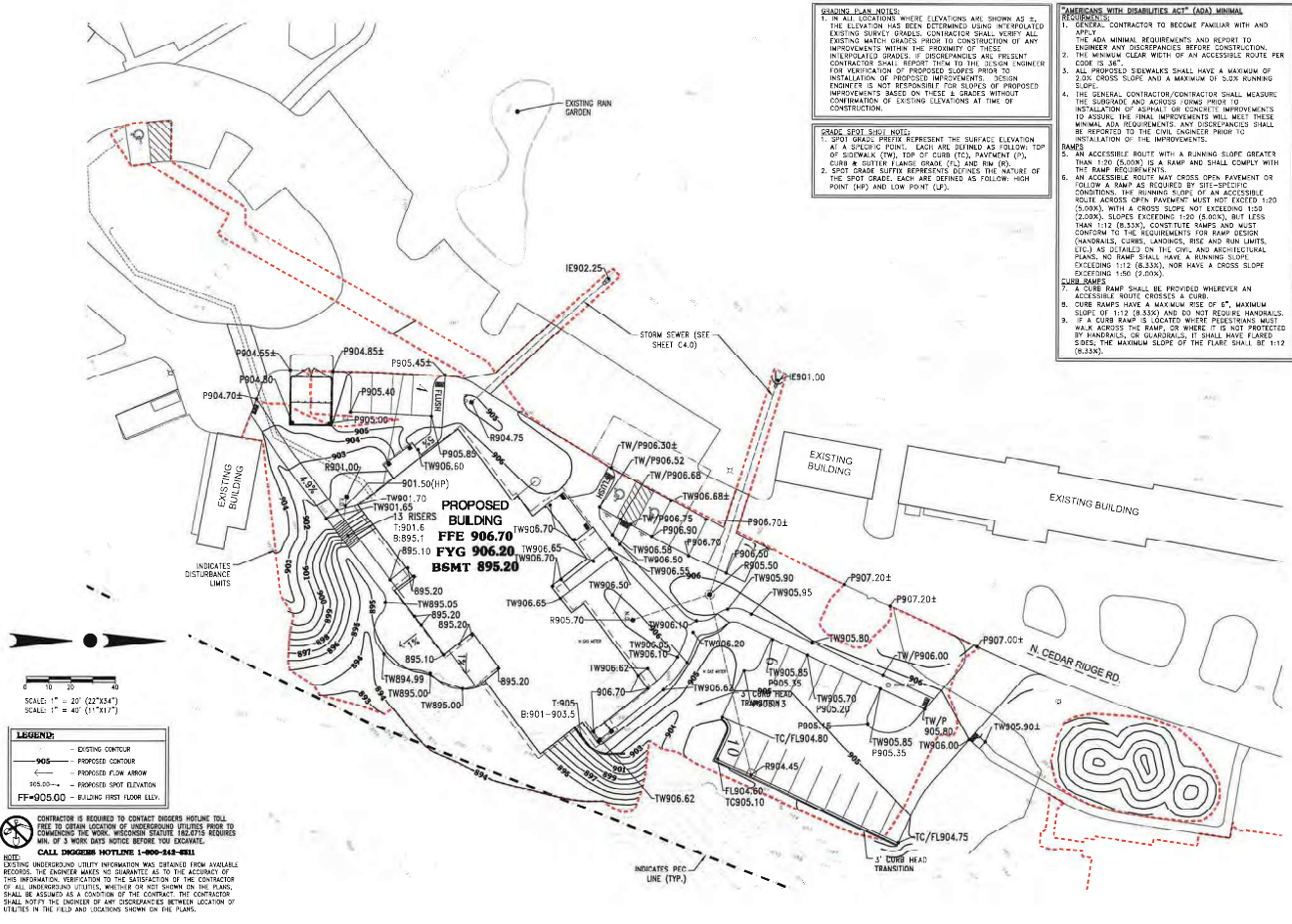
REVISION HISTORY	
DATE	DESCRIPTION
06/02/2026	PROJECT SET
06/16/2026	PG. 01/01/26

DATE:
 MAY 19, 2025

JOB NUMBER:
 13002

DESCRIPTION:
 PROPOSED SITE PLAN

SHEET
C1.2



GRADING PLAN NOTES

1. IN ALL LOCATIONS WHERE ELEVATIONS ARE SHOWN AS \pm , THE ELEVATION HAS BEEN DETERMINED USING INTERPOLATED EXISTING SURVEY GRADES. CONTRACTOR SHALL VERIFY ALL EXISTING MATCH GRADES PRIOR TO CONSTRUCTION OF ANY IMPROVEMENTS WITHIN THE PROXIMITY OF THESE INTERPOLATED GRADES. IF DISCREPANCIES ARE PRESENT, CONTRACTOR SHALL REPORT THEM TO THE DESIGN ENGINEER FOR VERIFICATION OF PROPOSED SLOPES PRIOR TO INSTALLATION OF PROPOSED IMPROVEMENTS. DESIGN ENGINEER IS NOT RESPONSIBLE FOR SLOPES OR PROPOSED IMPROVEMENTS BASED ON THESE GRADES WITHOUT CORROBORATION OF EXISTING ELEVATIONS AT TIME OF CONSTRUCTION.

SPOT GRADE SHEET NOTES

1. SPOT GRADE PREFIX REPRESENTS THE SURFACE ELEVATION AT A SPECIFIC POINT. EACH ARE DEFINED AS FOLLOWS: TOP OF SIDEWALK (TW), TOP OF CURB (TC), PAVEMENT (%), CURB & NOTED (C), DRIVE (D), AND (M) (M).
 2. SPOT GRADE SUFFIX REPRESENTS THE NATURE OF THE SPOT GRADE. EACH ARE DEFINED AS FOLLOWS: HIGH POINT (HP) AND LOW POINT (LP).

AMERICANS WITH DISABILITIES ACT (ADA) MINIMAL REQUIREMENTS

- GENERAL CONTRACTOR TO BECOME FAMILIAR WITH AND APPLY THE ADA MINIMAL REQUIREMENTS AND REPORT TO ENGINEER ANY DISCREPANCIES BEFORE CONSTRUCTION.
- THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE PER CODE 5.02.
- ALL PROPOSED SIDEWALKS SHALL HAVE A MAXIMUM OF 2.0% CROSS SLOPE AND A MAXIMUM OF 5.0% RUNNING SLOPE.
- THE GENERAL CONTRACTOR/CONTRACTOR SHALL MEASURE THE SIDEWALK AND CROSS SLOPE PRIOR TO INSTALLATION OF ASPHALT OR CONCRETE IMPROVEMENTS TO ASSURE THE FINAL IMPROVEMENTS WILL MEET THESE MINIMAL ADA REQUIREMENTS. ANY DISCREPANCIES SHALL BE REPORTED TO THE CIVIL ENGINEER PRIOR TO INSTALLATION OF THE IMPROVEMENTS.
- AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 1:20 (5.0%) IS A RAMP AND SHALL COMPLY WITH THE RAMP REQUIREMENTS.
- AN ACCESSIBLE ROUTE MAY CROSS OPEN PAVEMENT OR FOLLOW A RAMP AS REQUIRED BY SITE-SPECIFIC CONDITIONS. THE RUNNING SLOPE OF AN ACCESSIBLE ROUTE ACROSS OPEN PAVEMENT MUST NOT EXCEED 1:20 (5.0%), SLOPES EXCEEDING 1:20 (5.0%), BUT LESS THAN 1:12 (8.33%), CONCRETE RAMPS AND MUST CONFORM TO THE REQUIREMENTS FOR RAMP DESIGN (HANDRAILS, CURBS, LANDINGS, RISE AND RUN LIMITS, ETC.) AS DETAILED ON THE CIVIL AND ARCHITECTURAL PLANS. NO RAMP SHALL HAVE A RUNNING SLOPE EXCEEDING 1:12 (8.33%), NOR HAVE A CROSS SLOPE EXCEEDING 1:50 (2.0%).

CURB RAMP

- A CURB RAMP SHALL BE PROVIDED WHEREVER AN ACCESSIBLE ROUTE CROSSES A CURB.
- CURB RAMPS HAVE A MAXIMUM RISE OF 6" MINIMUM SLOPE OF 1:12 (8.33%) AND DO NOT REQUIRE HANDRAILS.
- IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS, OR LANDINGS, IT SHALL HAVE FLARED SIDES. THE MAXIMUM SLOPE OF THE FLARE SHALL BE 1:12 (8.33%).

4100 N. Chesham Rd
Suite 300
Brookfield, WI 53005
Phone: 414-782-2448
Fax: 414-782-2449

PROJECT:
20-BED ADULT OCD CBRF
ROGERS MEMORIAL HOSPITAL
 CEDAR RIDGE CAMPUS
 BY: ROGERS MEMORIAL HOSPITAL
 34700 VALLEY ROAD
 VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY	
DATE	DESCRIPTION
06/05/2026	PROCESS SET
06/05/2026	PC SUBMITTAL

DATE: MAY 19, 2026

JOB NUMBER: 13002

DESCRIPTION: GRADING PLAN

SHEET
C2.0

RESPONSIBILITY
 PROVIDER HAS ALTERNATE PRICE TO PROVIDE FOR A NEW PIPE SUPPRESSION SYSTEM FROM AND/OR WELL. IN THE EVENT THAT THE LOCAL MUNICIPAL AGENCIES STATE REQUIRES THE PROPOSED BUILDING TO BE A "STAND-ALONE" PIPE SUPPRESSION SYSTEM.

WATER SERVICE & LIFT STATION NOTES
 1. CONTRACTOR TO COORDINATE WITH BUILDING DESIGNER AND THE SUPPRESSION SYSTEM INCLUDING THE PROPOSED WATER SERVICE AND THE SUPPRESSION LATERAL AND LATERAL LIFT STATION DESIGN IN ORDER. PROPOSED STATION TO BE CONNECTED TO EXISTING SERVICE LATERAL FROM THE EXISTING LIFT STATION. VERIFY LOW PRESSURE LATERAL, IF NECESSARY.

STORM SEWER NOTES
 1. UNLESS OTHERWISE NOTED, ALL PRIVATE STORM SEWER SHALL BE 18" DIA. POLYETHYLENE GLASS REINFORCED PIPE. MANHOLE CORRUGATED STORM SEWER PIPE SHALL BE AS MANUFACTURED BY AAS & CO. ALL OTHER MATERIAL SHALL BE AS NOTED OR AS SHOWN ON THE PLAN. ALL PIPE SHALL BE 10' LONG UNLESS NOTED OTHERWISE. ALL MANHOLE SHALL BE 60" DIA. UNLESS NOTED OTHERWISE. ALL MANHOLE SHALL BE 18" DIA. UNLESS NOTED OTHERWISE. ALL MANHOLE SHALL BE 18" DIA. UNLESS NOTED OTHERWISE. ALL MANHOLE SHALL BE 18" DIA. UNLESS NOTED OTHERWISE.

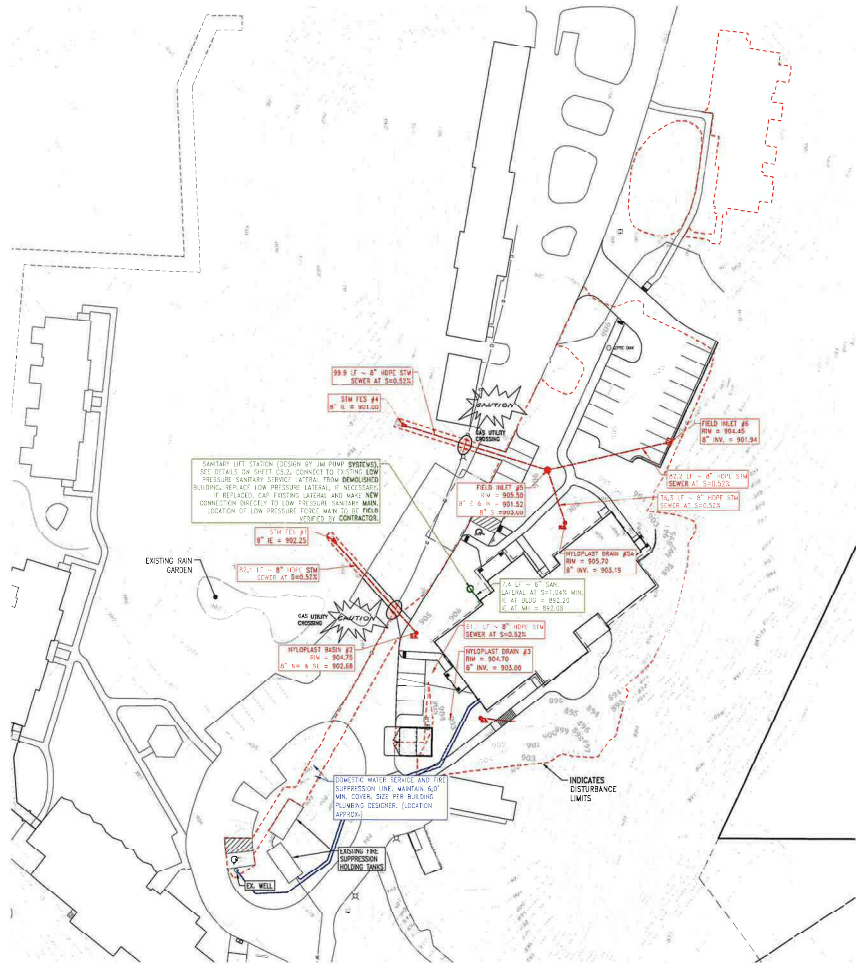
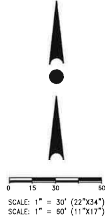
NOTICE TO CONTRACTOR
 CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION.

UTILITY PLAN NOTES
 1. PRIOR TO CONSTRUCTION OF ANY UTILITIES, CONTRACTOR IS TO VERIFY THAT THE PROPOSED UTILITIES SHOWN ON THIS PLAN THAT ENTER THE PROPOSED BUILDINGS CORRESPOND WITH THE UTILITIES ON THE PLUMBING PLANS AS THEY EXIST. THE BUILDINGS, CONSTRUCTION TO BE NOTED IN ANY DISCREPANCIES IN SIZE, LOCATION, OR INVERT ELEVATION TO THE DESIGN ENGINEER IMMEDIATELY FOR RESOLUTION OF THE CONFLICT IN WRITING.
 2. GENERAL CONTRACTOR TO COORDINATE THE INSTALLATION AND TESTING OF THE PUBLIC UTILITIES, SUCH AS GAS, ELECTRIC, TELEPHONE, CABLE AND FIBER OPTICS, WITH THE PUBLIC UTILITY COMPANIES AND ARCHITECT PRIOR TO CONSTRUCTION.
 3. EXISTING UTILITY LOCATIONS SHOW AND APPROXIMATE. ACTUAL LOCATION OF EXISTING UTILITIES IN EXISTING BUILDINGS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO INSTALLATION OF PROPOSED UTILITIES. IF CONFLICTS ARE ENCOUNTERED, CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER PRIOR TO INSTALLATION OF PROPOSED UTILITIES.

LEGEND

—	EXISTING CENTERLINE
—	EXISTING SANITARY SEWER
—	EXISTING SANITARY MANHOLE
—	EXISTING WATER MAIN
—	EXISTING HYDRANT
—	EXISTING STORM SEWER
—	EXISTING STORM MANHOLE
—	EXISTING STORM INLET
—	EXISTING TRANSFORMER
—	EXISTING ELECTRIC FEEDER
—	EXISTING TELEPHONE FEEDER
—	EXISTING CABLE FEEDER
—	EXISTING POWER POLE
—	PROPOSED SANITARY SEWER
—	PROPOSED WATER MAIN
—	PROPOSED HYDRANT
—	PROPOSED WATER VALVE
—	PROPOSED STORM SEWER
—	PROPOSED STORM MANHOLE
—	PROPOSED STORM INLET
—	PROPOSED STORM END SECTION

CONTRACTOR IS REQUIRED TO CONTACT UNDERGROUND UTILITY TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATE UTILITIES BOARD, 800 N. MICHIGAN ST., MADISON, WI 53706. CALL DURING HOURS 8-400-848-8888.
 NOTE: EXISTING UNDERGROUND UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS. THE PROVIDER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. VERIFICATION TO THE ACCURACY OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THE PLAN, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY DISCREPANCIES BETWEEN LOCATION OF UTILITIES IN THE FIELD AND LOCATIONS SHOWN ON THE PLAN.



4100 N. Calhoun Rd
 Suite 300
 Brookfield, WI 53005
 Phone: (262) 781-8888
 Fax: (262) 781-8888

PROJECT: 20-BED ADULT OCD CBRF
ROGERS MEMORIAL HOSPITAL
 CEDAR RIDGE CAMPUS
 BY: ROGERS MEMORIAL HOSPITAL
 34700 VALLEY ROAD
 VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY

DATE	DESCRIPTION
06/26/2026	PROGRAM SET
06/26/2026	PC SUBMITTAL

DATE: MAY 18, 2026

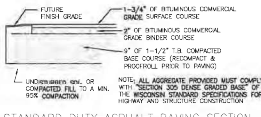
JOB NUMBER: 13002

DESCRIPTION:

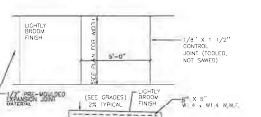
UTILITY PLAN

SHEET

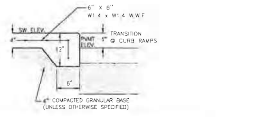
C4.0



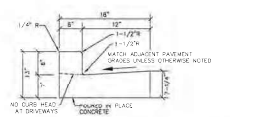
STANDARD DUTY ASPHALT PAVING SECTION
 NO SCALE
 NOTE:
 1. UNLESS OTHERWISE NOTED, STANDARD DUTY PAVEMENT SHALL BE USED IN AREAS CONTAINING PARKING STALLS.
 2. REFER TO THE GEOTECHNICAL REPORT RECOMMENDATIONS.



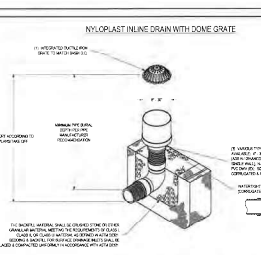
CONCRETE SIDEWALK
 NO SCALE



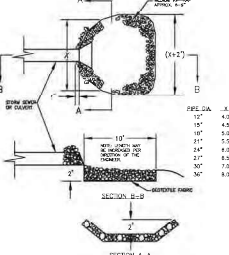
INTEGRAL SIDEWALK & BARRIER CURB
 (TRANSVERSE JOINTS, CURBS, PARAPETS, ETC.) NO SCALE



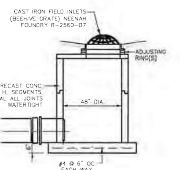
**18\"/>
 NO SCALE**



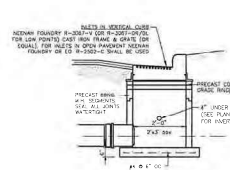
NYLOPLAST IN-LINE DRAIN WITH DOME GRATE
 NO SCALE



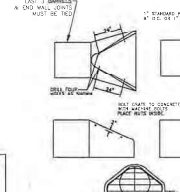
RIP-RAP DETAIL
 NO SCALE



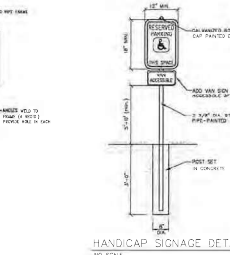
STORM SEWER FIELD INLET DETAIL
 NO SCALE



STORM SEWER INLET
 NO SCALE



PIPE GRATE DETAIL
 NO SCALE



HANDICAP SIGNAGE DETAIL
 NO SCALE

Section 2722
Engineered Surface Drainage Products

GENERAL:
 P.C.C. Area drainage products shall be the only products authorized for use on this project and shall be installed in accordance with the contract specifications. The use of any other products or materials shall be at the contractor's expense and shall be subject to the same requirements. The surface drainage products shall be installed in accordance with the manufacturer's instructions.

MATERIALS:
 The materials proposed for use shall be approved by the project engineer before use. All materials shall be tested and approved by the project engineer before use. The materials shall be tested and approved by the project engineer before use. The materials shall be tested and approved by the project engineer before use.

INSTALLATION:
 The materials shall be installed in accordance with the manufacturer's instructions. The materials shall be installed in accordance with the manufacturer's instructions. The materials shall be installed in accordance with the manufacturer's instructions.

NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
1	NYLOPLAST IN-LINE DRAIN WITH DOME GRATE	100	LINEAL FEET	1.50	150.00
2	CONCRETE SIDEWALK	100	SQ. YARDS	1.00	100.00
3	INTEGRAL SIDEWALK & BARRIER CURB	100	LINEAL FEET	2.00	200.00
4	18\"/>				

Section 2721
Engineered Surface Drainage Products

GENERAL:
 P.C.C. Area drainage products shall be the only products authorized for use on this project and shall be installed in accordance with the contract specifications. The use of any other products or materials shall be at the contractor's expense and shall be subject to the same requirements. The surface drainage products shall be installed in accordance with the manufacturer's instructions.

MATERIALS:
 The materials proposed for use shall be approved by the project engineer before use. All materials shall be tested and approved by the project engineer before use. The materials shall be tested and approved by the project engineer before use.

INSTALLATION:
 The materials shall be installed in accordance with the manufacturer's instructions. The materials shall be installed in accordance with the manufacturer's instructions. The materials shall be installed in accordance with the manufacturer's instructions.

NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
1	NYLOPLAST IN-LINE DRAIN WITH DOME GRATE	100	LINEAL FEET	1.50	150.00
2	CONCRETE SIDEWALK	100	SQ. YARDS	1.00	100.00
3	INTEGRAL SIDEWALK & BARRIER CURB	100	LINEAL FEET	2.00	200.00
4	18\"/>				

WISCONSIN
TRIO
 4100 N. Calhoun Rd
 Suite 100
 Brookfield, WI 53005
 Phone: 762-1111
 Fax: 762-1112

PROJECT:
20-BED ADULT OCD CBRF
ROGERS MEMORIAL HOSPITAL
CEDAR RIDGE CAMPUS
ROGERS MEMORIAL HOSPITAL
34700 VALLEY ROAD
VILLAGE OF SUMMIT, WISCONSIN

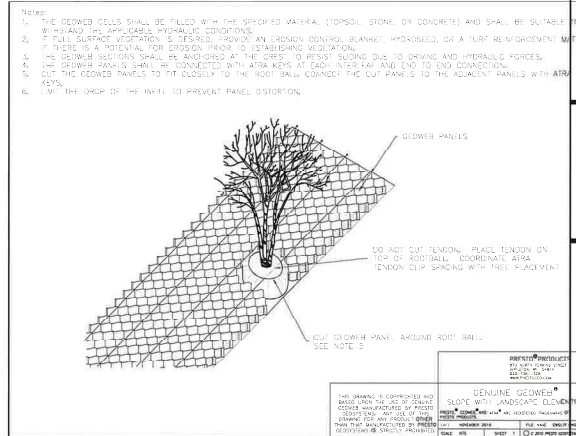
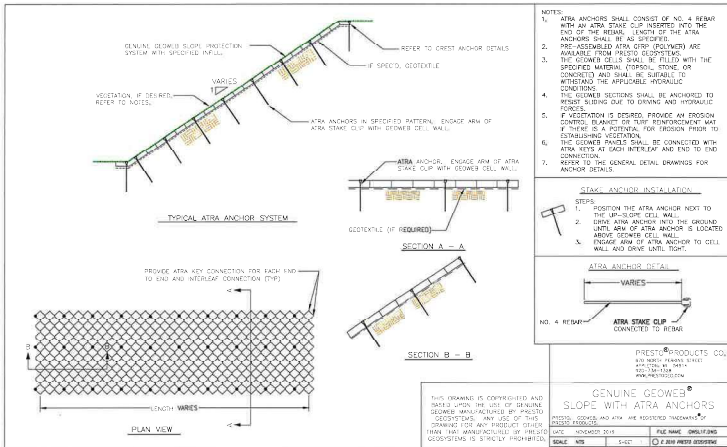
REVISION HISTORY	
DATE	DESCRIPTION
08/25/2018	PROPOSED SET
08/25/2018	REV. NUMBER 1

DATE:
 MAY 19, 2026

JOB NUMBER:
 13002

DESCRIPTION:
 CONSTRUCTION DETAILS

SHEET
C5.0



WISCONSIN
 TRIO
 4100 N. Calhoun Rd
 Suite 300
 Brookfield, WI 53005
 Project: 2015-2016

PRESTO
 GEOSYSTEMS
 INSTALLATION GUIDE
 ■ simplified

GEOWEB® Slope Protection System
 ■ ATRA® Anchor Connection

INSTALLATION GUIDE
 ■ simplified Version

IMPORTANT NOTE

The qualified installation guide provided by Presto GEOSYSTEMS® is intended as a general guideline only. The contractor should follow custom plans and specifications and refer to detailed installation guidelines for more information. See www.geosystems.com/Installation

1. Prepare slope grade. Remove debris, rocks, etc.

2. Install geoweb with ATRA® anchors per design.

3. Place soil from the top of the slope. Use equipment suitable for soil placement. See sections A, B, C.

4. Seed and mulch on the bottom third of the slope.

5. Spread & Embed Control Blanket.

6. Aggregate.

7. Concrete.

Detailed installation guidelines at www.presto.com/installation

GEOSYSTEMS®

MATERIAL LIST

ATRA ANCHOR
 ATRA KEY
 ATRA STAKE CLIP

PRESTO
 PRESTO PRODUCTS CO.
 2015-2016

REVISION HISTORY

DATE	DESCRIPTION
06/20/2016	PROGRAM SET
06/20/2016	PC SUBMITTAL

DATE: MAY 18, 2026

JOB NUMBER: 13002

DESCRIPTION: CONSTRUCTION DETAILS

SHEET C5.1

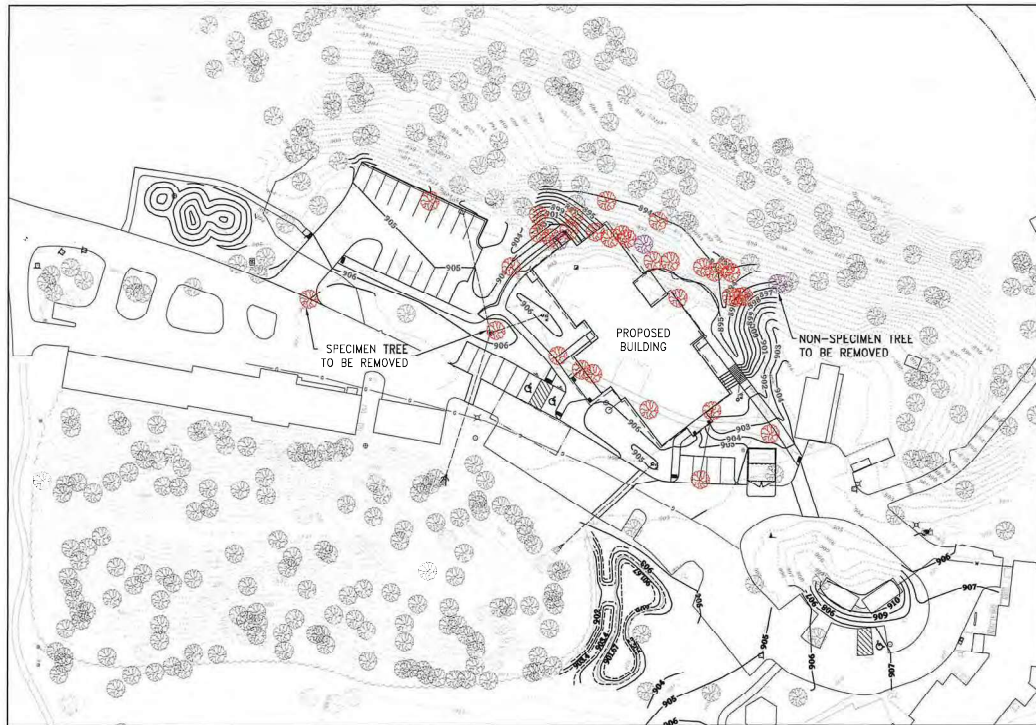
PROJECT: 20-BED ADULT OCD HOSPITAL
 ROGERS MEMORIAL HOSPITAL
 CEDAR RIDGE CAMPUS
 BY: ROGERS MEMORIAL HOSPITAL
 VILLAGE OF SUMMIT, WISCONSIN



4100 N. CALHOUN ROAD, SUITE 300
 BROOKFIELD, WI 53005
 PHONE: (262) 790-1480
 FAX: (262) 790-1481
 EMAIL: jpuskko@trioinc.com

TREE SURVEY LEGEND	
	INDICATES NON-SPECIMEN TREE (TO REMAIN)
	INDICATES SPECIMEN TREE TO BE PRESERVED
	INDICATES SPECIMEN TREE TO BE REMOVED
	INDICATES NON-SPECIMEN TREE TO BE REMOVED

TREE IMPACT SUMMARY	
Total Trees Surveyed:	533 trees
<u>Trees to be Removed</u>	
Specimen Trees	32 trees (6% of trees surveyed)
Non-Specimen Trees	3 trees (0.5% of trees surveyed)
Tree survey completed by Watchel Tree Science Inc. in December of 2024	



Scale: 1" = 30' (227347)

Scale: 1" = 60' (113677)

DATE: 5/6/2025

TREE DEMO EXHIBIT

ROGERS BEHAVIORAL HEALTH - CEDAR RIDGE
 VILLAGE OF SUMMIT, WI

PROJECT NO: 2024-001 | DATE: 5/6/2025 | SCALE: 1" = 30'

ID	DEMO	LAT	LONG	DBH	CONDITION	SPECIES
1	Y	43.07492	-88.4305	15	Fair	Crabapple
2	Y	43.0749	-88.4303	29	Good	Bitternut Hickory
3	Y	43.07479	-88.4304	11	Fair	Colorado Spruce
4		43.07479	-88.4305	8	Good	Crabapple
5		43.07457	-88.4306	21	Excellent	Shagbark Hickory
6		43.07444	-88.4306	11	Excellent	Shagbark Hickory
7		43.07437	-88.4307	23	Good	Honeylocust
8		43.07436	-88.4304	20	Good	White Ash
9		43.07431	-88.4304	33	Excellent	White Oak
10		43.07407	-88.4306	18	Excellent	Shagbark Hickory
11		43.07397	-88.4304	34	Good	Northern Red Oak
12		43.07398	-88.4304	6	Good	Black Locust
13		43.07401	-88.4304	9	Good	Sugar Maple
14		43.07398	-88.4303	9	Good	Black Locust
15		43.07401	-88.4304	14	Good	Black Locust
16		43.07404	-88.4304	9	Excellent	Black Locust
17		43.07405	-88.4304	15	Excellent	Black Cherry
18		43.07403	-88.4303	27	Excellent	Northern Red Oak
19		43.07403	-88.4303	8	Fair	American Elm
20		43.07406	-88.4303	7	Good	Black Locust
21		43.07406	-88.4302	33	Fair	Northern Red Oak
22		43.07407	-88.4303	9	Good	Black Locust
23		43.07408	-88.4303	12	Excellent	Black Locust
24		43.0741	-88.4303	11	Excellent	Black Locust
25		43.07412	-88.4303	11	Excellent	Black Locust
26		43.07412	-88.4303	6	Excellent	Black Locust
27		43.07412	-88.4302	8	Excellent	Black Locust
28		43.07414	-88.4302	21	Excellent	American Basswood
29		43.07417	-88.4302	6	Excellent	Shagbark Hickory
30		43.0741	-88.4302	13	Good	American Basswood
31		43.07412	-88.4302	6	Fair	Black Locust
32		43.07413	-88.4301	9	Dead	Green Ash
33		43.07416	-88.4301	14	Dead	Green Ash
34		43.07415	-88.4301	15	Good	Black Locust
35		43.07416	-88.4301	10	Fair	American Basswood
36		43.07417	-88.43	17	Dead	American Basswood
37		43.07419	-88.4301	12	Good	Black Locust
38		43.07418	-88.43	15	Good	American Basswood
39		43.07417	-88.43	12	Dead	American Basswood
40		43.0742	-88.43	13	Good	Black Locust
41		43.07422	-88.43	7	Excellent	Northern Red Oak
42		43.07423	-88.43	11	Good	Black Locust
43		43.07424	-88.43	6	Good	American Basswood

44	43.07423	-88.4301	8	Excellent	Northern Red Oak
45	43.07422	-88.4301	6	Excellent	Bitternut Hickory
46	43.07419	-88.4301	8	Excellent	Northern Red Oak
47	43.07424	-88.43	38	Poor	Northern Red Oak
48	43.07423	-88.4299	16	Dead	White Ash
49	43.07421	-88.4299	11	Good	Black Locust
50	43.0742	-88.4299	7	Good	Mulberry
51	43.07421	-88.4299	8	Dead	American Basswood
52	43.07434	-88.43	23	Excellent	Black Locust
53	43.07433	-88.43	8	Good	Norway Maple
54	43.07431	-88.43	16	Good	Black Locust
55	43.07429	-88.4301	24	Excellent	Black Locust
56	43.07432	-88.4301	6	Excellent	Bitternut Hickory
57	43.07435	-88.4301	7	Excellent	White Ash
58	43.07432	-88.4302	19	Excellent	Black Locust
59	43.07433	-88.4303	14	Excellent	Northern Red Oak
60	43.07437	-88.4303	17	Excellent	Northern Red Oak
61	43.07438	-88.4303	16	Excellent	Norway Maple
62	43.07438	-88.4303	17	Poor	Norway Maple
63	43.07444	-88.4305	23	Poor	White Oak
64	43.0745	-88.4305	8	Good	Eastern Red Cedar
65	43.07452	-88.4305	9	Good	Eastern Red Cedar
66	43.07454	-88.4305	12	Good	Eastern Red Cedar
67	43.07455	-88.4304	23	Fair	Black Locust
68	43.07453	-88.4303	23	Fair	Black Locust
69	43.07449	-88.4303	17	Fair	Black Locust
70	43.07445	-88.4304	19	Good	Norway Maple
71	43.07446	-88.4303	8	Poor	Ash
72	43.07451	-88.4303	13	Fair	Black Locust
73	43.07452	-88.4303	20	Good	Black Locust
74	43.07453	-88.4303	8	Good	Norway Maple
75	43.0745	-88.4302	9	Poor	Ash
76	43.07451	-88.4302	16	Fair	Black Locust
77	43.0746	-88.4301	15	Excellent	Shagbark Hickory
78	43.07458	-88.4301	9	Poor	Norway Maple
79	43.07454	-88.4301	11	Fair	Norway Maple
80	43.0745	-88.4301	15	Good	Black Locust
81	43.07448	-88.4301	28	Good	Black Locust
82	43.07453	-88.43	20	Excellent	Norway Maple
83	43.07442	-88.43	19	Good	Black Locust
84	43.07445	-88.43	10	Fair	Black Locust
85	43.07456	-88.4299	12	Poor	White Ash
86	43.07457	-88.4299	8	Poor	Norway Maple
87	43.07457	-88.4299	8	Poor	White Ash

88		43.07459	-88.4299	10	Excellent	Norway Maple
89		43.07461	-88.4299	32	Excellent	White Oak
90		43.07463	-88.4299	23	Excellent	Northern Red Oak
91		43.07469	-88.4299	11	Fair	Norway Maple
92		43.07463	-88.43	7	Excellent	Norway Maple
93		43.07465	-88.43	7	Fair	Norway Maple
94		43.07463	-88.43	12	Excellent	Shagbark Hickory
95		43.0747	-88.43	28	Good	Northern Red Oak
96		43.07475	-88.43	16	Excellent	Norway Maple
97		43.07476	-88.43	10	Excellent	Norway Maple
98		43.07477	-88.43	6	Dead	White Ash
99		43.07482	-88.43	10	Excellent	Norway Maple
100	Y	43.07484	-88.4301	15	Excellent	Northern Red Oak
101	Y	43.07485	-88.4301	18	Excellent	Northern Red Oak
102	Y	43.07486	-88.4301	15	Good	American Elm
103	Y	43.07486	-88.43	12	Good	Shagbark Hickory
104	Y	43.07487	-88.43	9	Fair	Norway Maple
105	Y	43.07489	-88.43	13	Good	Shagbark Hickory
106	Y	43.07491	-88.43	8	Good	Norway Maple
107	Y	43.07495	-88.4301	16	Good	Black Walnut
108	Y	43.07497	-88.43	7	Good	Shagbark Hickory
109	Y	43.075	-88.43	14	Good	Norway Maple
110		43.07501	-88.4299	19	Dead	White Oak
111	Y	43.07504	-88.4299	10	Good	Norway Maple
112	Y	43.07505	-88.4299	21	Good	White Oak
113	Y	43.07507	-88.4299	12	Excellent	Norway Maple
114	Y	43.0751	-88.4299	7	Fair	Norway Maple
115	Y	43.07508	-88.4298	7	Excellent	Norway Maple
116		43.07506	-88.4298	24	Dead	Northern Red Oak
117		43.07502	-88.4298	10	Excellent	Norway Maple
118		43.075	-88.4298	24	Excellent	Northern Red Oak
119		43.07498	-88.4297	11	Excellent	Norway Maple
120		43.07495	-88.4297	23	Fair	Northern Red Oak
121		43.07493	-88.4298	8	Excellent	Norway Maple
122		43.07493	-88.4298	10	Excellent	Norway Maple
123		43.07496	-88.4298	9	Fair	Norway Maple
124		43.07497	-88.4299	22	Good	Northern Red Oak
125	Y	43.07499	-88.4299	8	Good	Norway Maple
126		43.07493	-88.4299	25	Good	Northern Red Oak
127		43.07494	-88.4299	8	Good	Norway Maple
128		43.07486	-88.4299	27	Poor	Northern Red Oak
129		43.07481	-88.4299	42	Good	Northern Red Oak
130		43.07478	-88.4299	8	Excellent	Norway Maple
131		43.07475	-88.4299	7	Good	Norway Maple

132	43.07478	-88.4299	7 Good	Norway Maple
133	43.07476	-88.4299	12 Dead	Shagbark Hickory
134	43.07472	-88.4298	8 Good	Norway Maple
135	43.07469	-88.4299	18 Good	Norway Maple
136	43.07467	-88.4299	10 Good	Norway Maple
137	43.07472	-88.4298	10 Good	Black Cherry
138	43.07472	-88.4297	23 Dead	Green Ash
139	43.07476	-88.4297	7 Good	Norway Maple
140	43.07476	-88.4297	7 Good	Norway Maple
141	43.07476	-88.4297	7 Dead	Green Ash
142	43.07478	-88.4298	18 Good	Shagbark Hickory
143	43.07481	-88.4298	18 Poor	Shagbark Hickory
144	43.07483	-88.4298	8 Excellent	Norway Maple
145	43.07482	-88.4297	6 Good	Norway Maple
146	43.07482	-88.4297	7 Good	Norway Maple
147	43.07484	-88.4296	7 Good	Norway Maple
148	43.07482	-88.4296	21 Dead	Green Ash
149	43.07487	-88.4296	17 Fair	White Oak
150	43.07488	-88.4297	17 Good	White Oak
151	43.07485	-88.4297	12 Good	Northern Red Oak
152	43.07486	-88.4297	12 Good	White Oak
153	43.07493	-88.4296	22 Good	Northern Red Oak
154	43.07495	-88.4296	24 Excellent	Northern Red Oak
155	43.07497	-88.4295	24 Excellent	Northern Red Oak
156	43.07504	-88.4295	31 Excellent	Northern Red Oak
157	43.07504	-88.4296	14 Good	Sugar Maple
158	43.07507	-88.4296	14 Fair	White Oak
159	43.07509	-88.4297	28 Good	Northern Red Oak
160	43.0751	-88.4297	8 Poor	Norway Maple
161	43.07511	-88.4297	7 Excellent	Black Cherry
162	43.07508	-88.4297	9 Excellent	Norway Maple
163	43.07513	-88.4298	19 Fair	White Oak
164	43.07512	-88.4298	7 Poor	Norway Maple
165	43.07513	-88.4298	24 Good	Northern Red Oak
166	Y 43.07514	-88.4299	11 Good	Norway Maple
167	Y 43.07515	-88.4299	30 Good	Northern Red Oak
168	43.07517	-88.4299	17 Dead	White Ash
169	Y 43.07518	-88.4299	9 Good	American Basswood
170	Y 43.0752	-88.4299	13 Excellent	Norway Maple
171	Y 43.0752	-88.4299	9 Excellent	Norway Maple
172	43.07523	-88.4298	11 Fair	Norway Maple
173	43.07525	-88.4298	12 Dead	White Ash
174	43.07528	-88.4298	9 Excellent	Shagbark Hickory
175	43.07528	-88.4298	33 Poor	Northern Red Oak

176		43.0752	-88.4298	12	Excellent	Shagbark Hickory
177		43.07518	-88.4298	12	Good	Shagbark Hickory
178		43.07518	-88.4298	7	Good	Norway Maple
179	Y	43.07525	-88.43	27	Good	Northern Red Oak
180	Y	43.07528	-88.4301	26	Fair	Black Locust
181	Y	43.07517	-88.4302	21	Good	Black Locust
182	Y	43.07513	-88.4302	18	Fair	Black Locust
183	Y	43.07511	-88.4303	22	Good	Black Locust
184	Y	43.07501	-88.4303	15	Good	Freeman Maple
185	Y	43.0754	-88.4298	14	Good	Crabapple
186		43.07535	-88.4298	9	Good	Mulberry
187		43.07534	-88.4298	10	Poor	White Ash
188		43.07534	-88.4298	6	Dead	White Ash
189		43.07531	-88.4297	22	Excellent	White Oak
190		43.07528	-88.4297	14	Fair	White Oak
191		43.07527	-88.4297	7	Good	Black Locust
192		43.07528	-88.4296	8	Good	Norway Maple
193		43.07522	-88.4296	7	Dead	White Ash
194		43.07523	-88.4296	6	Good	Black Locust
195		43.07517	-88.4295	23	Excellent	White Oak
196		43.07516	-88.4295	9	Fair	Norway Maple
197		43.07515	-88.4296	6	Good	Black Cherry
198		43.07513	-88.4296	6	Good	Black Cherry
199		43.07514	-88.4296	13	Fair	White Oak
200		43.07513	-88.4297	15	Poor	White Oak
201		43.07506	-88.4295	11	Fair	Shagbark Hickory
202		43.07506	-88.4294	9	Fair	Norway Maple
203		43.07508	-88.4294	23	Good	White Oak
204		43.0751	-88.4294	16	Excellent	White Oak
205		43.07508	-88.4295	12	Excellent	Shagbark Hickory
206		43.07514	-88.4295	7	Good	Ironwood
207		43.07516	-88.4295	10	Poor	White Oak
208		43.07516	-88.4295	23	Dead	Northern Red Oak
209		43.07521	-88.4295	6	Good	Black Cherry
210		43.07524	-88.4295	6	Poor	Norway Maple
211		43.07527	-88.4295	6	Good	Norway Maple
212		43.07528	-88.4295	16	Dead	Green Ash
213		43.0753	-88.4295	8	Good	American Basswood
214		43.07534	-88.4294	7	Excellent	Norway Maple
215		43.07527	-88.4295	18	Good	White Oak
216		43.07521	-88.4294	16	Poor	Silver Maple
217		43.0752	-88.4293	17	Good	Silver Maple
218		43.07517	-88.4293	29	Good	White Oak
219		43.07517	-88.4293	9	Fair	Silver Maple

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220	43.07514	-88.4293	16 Fair	White Oak
221	43.07525	-88.4293	14 Good	American Elm
222	43.07518	-88.4291	17 Dead	Green Ash
223	43.0752	-88.4291	9 Fair	Silver Maple
224	43.07524	-88.4291	25 Poor	White Oak
225	43.07529	-88.4292	27 Good	White Oak
226	43.0753	-88.4292	6 Excellent	Ironwood
227	43.07526	-88.4292	7 Good	Ironwood
228	43.07527	-88.4293	11 Good	Shagbark Hickory
229	43.07531	-88.4294	8 Good	American Basswood
230	43.07531	-88.4293	21 Dead	Northern Red Oak
231	43.07533	-88.4293	26 Fair	White Oak
232	43.0753	-88.4292	19 Poor	Silver Maple
233	43.07532	-88.4291	23 Fair	Silver Maple
234	43.07532	-88.4291	22 Good	White Oak
235	43.07532	-88.429	22 Poor	White Oak
236	43.07533	-88.429	22 Poor	Northern Red Oak
237	43.07531	-88.429	13 Poor	Silver Maple
238	43.0753	-88.4291	21 Fair	Northern Red Oak
239	43.07527	-88.4291	6 Excellent	Ironwood
240	43.07535	-88.4291	11 Poor	Silver Maple
241	43.07539	-88.4291	14 Excellent	Shagbark Hickory
242	43.07541	-88.429	10 Dead	Green Ash
243	43.07542	-88.429	7 Dead	Green Ash
244	43.07544	-88.429	8 Dead	Green Ash
245	43.07548	-88.429	10 Poor	Silver Maple
246	43.07551	-88.4291	6 Excellent	Ironwood
247	43.0755	-88.4291	14 Poor	Silver Maple
248	43.07552	-88.4292	20 Fair	Red Maple
249	43.07553	-88.4293	20 Dead	Red Maple
250	43.07554	-88.4293	10 Good	Red Maple
251	43.07553	-88.4294	10 Excellent	Norway Maple
252	43.07554	-88.4294	8 Dead	Green Ash
253	43.0755	-88.4294	21 Good	Northern Red Oak
254	43.07549	-88.4293	24 Good	Northern Red Oak
255	43.07539	-88.4293	24 Fair	Northern Red Oak
256	43.07538	-88.4293	7 Poor	Red Maple
257	43.07536	-88.4294	19 Dead	Northern Red Oak
258	43.07539	-88.4292	30 Good	White Oak
259	43.07541	-88.4292	7 Good	Red Maple
260	43.07543	-88.4292	11 Excellent	Red Maple
261	43.07541	-88.4291	9 Dead	Red Maple
262	43.07544	-88.4291	6 Dead	Red Maple
263	43.07543	-88.4292	7 Good	Ironwood

264	43.07548	-88.4295	11	Excellent	Norway Maple
265	43.07547	-88.4295	15	Fair	White Oak
266	43.07545	-88.4295	23	Excellent	White Oak
267	43.07543	-88.4295	6	Good	Black Cherry
268	43.07544	-88.4295	7	Good	Black Locust
269	43.07543	-88.4295	7	Good	Black Locust
270	43.07539	-88.4295	13	Fair	White Oak
271	43.07534	-88.4295	12	Excellent	American Elm
272	43.07535	-88.4296	25	Dead	Green Ash
273	43.07532	-88.4296	6	Good	Ironwood
274	43.07538	-88.4296	12	Good	Black Locust
275	43.07542	-88.4297	24	Good	Black Locust
276	43.07538	-88.4297	8	Excellent	Norway Maple
277	43.07539	-88.4297	7	Poor	Mulberry
278	43.07543	-88.4296	10	Poor	Boxelder
279	43.07552	-88.4297	16	Fair	White Oak
280	43.07555	-88.4297	24	Good	Shagbark Hickory
281	43.07556	-88.4297	9	Good	American Basswood
282	43.07561	-88.4297	11	Good	Norway Maple
283	43.07564	-88.4297	29	Excellent	Northern Red Oak
284	43.07563	-88.4297	15	Good	American Basswood
285	43.07562	-88.4296	6	Good	Shagbark Hickory
286	43.07568	-88.4296	23	Good	White Oak
287	43.07557	-88.4296	10	Fair	Norway Maple
288	43.07557	-88.4296	6	Good	Norway Maple
289	43.07552	-88.4296	15	Good	Norway Maple
290	43.07551	-88.4296	8	Excellent	Norway Maple
291	43.07553	-88.4295	8	Excellent	Norway Maple
292	43.07557	-88.4295	41	Excellent	Northern Red Oak
293	43.07562	-88.4294	27	Excellent	Northern Red Oak
294	43.07566	-88.4294	6	Good	Ironwood
295	43.0757	-88.4295	24	Good	White Oak
296	43.07571	-88.4295	7	Good	Ironwood
297	43.07571	-88.4295	8	Fair	Black Cherry
298	43.07574	-88.4295	11	Good	American Elm
299	43.07578	-88.4295	12	Excellent	Northern Red Oak
300	43.07574	-88.4294	26	Good	Northern Red Oak
301	43.0757	-88.4294	23	Good	Northern Red Oak
302	43.07569	-88.4294	6	Excellent	Norway Maple
303	43.07579	-88.4294	7	Good	Norway Maple
304	43.07576	-88.4294	23	Poor	Red Maple
305	43.07584	-88.4293	33	Dead	Northern Red Oak
306	43.07587	-88.4293	7	Fair	American Basswood
307	43.07592	-88.4293	23	Dead	Northern Red Oak

308	43.07591	-88.4291	19 Fair	Red Maple
309	43.07585	-88.4291	30 Excellent	White Oak
310	43.07583	-88.429	6 Good	Ironwood
311	43.07577	-88.429	15 Dead	Northern Red Oak
312	43.07577	-88.4291	26 Dead	Northern Red Oak
313	43.07573	-88.4291	21 Poor	Red Maple
314	43.07573	-88.4291	17 Excellent	White Oak
315	43.07576	-88.4292	12 Excellent	Black Cherry
316	43.07579	-88.4292	32 Excellent	Northern Red Oak
317	43.07571	-88.4292	26 Dead	Northern Red Oak
318	43.07566	-88.4292	27 Good	White Oak
319	43.07559	-88.4293	9 Fair	Red Maple
320	43.07558	-88.4294	8 Excellent	Norway Maple
321	43.0756	-88.4294	10 Good	Shagbark Hickory
322	43.07563	-88.4298	16 Excellent	Shagbark Hickory
323	43.0756	-88.4298	17 Fair	American Basswood
324	43.07566	-88.4299	20 Good	White Oak
325	43.07569	-88.43	16 Good	Norway Maple
326	43.07571	-88.43	17 Good	Bitternut Hickory
327	43.07574	-88.43	14 Fair	Shagbark Hickory
328	Y 43.07562	-88.4301	10 Good	Ironwood
329	43.07544	-88.4301	14 Poor	Silver Maple
330	43.07504	-88.4306	7 Excellent	Swamp White Oak
331	43.07483	-88.4308	25 Good	Honeylocust
332	43.0747	-88.4308	32 Fair	Northern Red Oak
333	43.07471	-88.4309	23 Good	Honeylocust
334	43.07475	-88.4311	16 Fair	Norway Maple
335	43.0747	-88.4312	22 Excellent	Ginkgo
336	43.0748	-88.4312	34 Good	Silver Maple
337	43.07492	-88.4313	34 Fair	Norway Maple
338	43.07491	-88.431	6 Good	Elm Hybrid
339	43.07502	-88.431	24 Good	Eastern Red Cedar
340	43.07503	-88.4309	15 Fair	Colorado Spruce
341	43.07522	-88.4313	40 Poor	Norway Maple
342	43.07539	-88.4312	49 Fair	Silver Maple
343	43.07548	-88.4312	37 Poor	Silver Maple
344	43.07555	-88.431	11 Poor	Colorado Spruce
345	43.07559	-88.4311	12 Poor	Colorado Spruce
346	43.07563	-88.431	14 Poor	Colorado Spruce
347	43.07573	-88.4312	39 Poor	Silver Maple
348	43.07597	-88.4311	33 Good	Silver Maple
349	43.07606	-88.431	28 Poor	Silver Maple
350	43.07608	-88.431	20 Excellent	American Basswood
351	43.07607	-88.4309	23 Excellent	American Basswood


352	43.07607	-88.4309	6 Good	American Basswood
353	43.07608	-88.4309	17 Good	American Basswood
354	43.07606	-88.4309	17 Fair	American Basswood
355	43.07604	-88.4308	11 Excellent	American Basswood
356	43.07603	-88.4308	9 Good	American Basswood
357	43.07604	-88.4308	12 Excellent	Norway Maple
358	43.07605	-88.4308	15 Excellent	Norway Maple
359	43.07605	-88.4308	6 Excellent	Norway Maple
360	43.07606	-88.4307	18 Excellent	Bitternut Hickory
361	43.07598	-88.4308	24 Excellent	Northern Red Oak
362	43.07594	-88.4308	24 Fair	Northern Red Oak
363	43.07593	-88.4307	8 Excellent	Norway Maple
364	43.07589	-88.4308	20 Good	Northern Red Oak
365	43.0759	-88.4308	18 Excellent	Norway Maple
366	43.0759	-88.4309	11 Excellent	Shagbark Hickory
367	43.07593	-88.4309	16 Poor	American Basswood
368	43.07599	-88.4309	18 Good	American Basswood
369	43.07598	-88.431	12 Good	Northern Red Oak
370	43.07595	-88.431	12 Excellent	Norway Maple
371	43.07591	-88.431	16 Good	Norway Maple
372	43.07588	-88.431	8 Good	American Basswood
373	43.07586	-88.431	18 Good	American Basswood
374	43.07584	-88.4309	14 Poor	American Basswood
375	43.07584	-88.4309	18 Fair	American Basswood
376	43.07579	-88.4309	20 Fair	American Basswood
377	43.07574	-88.4309	11 Poor	Black Cherry
378	43.07577	-88.4309	11 Dead	Green Ash
379	43.07575	-88.4308	6 Good	Norway Maple
380	43.07574	-88.4308	15 Good	American Basswood
381	43.07572	-88.4309	6 Good	Norway Maple
382	43.07572	-88.4308	11 Good	Norway Maple
383	43.07572	-88.4309	7 Good	American Basswood
384	43.0757	-88.4309	23 Dead	Green Ash
385	43.07567	-88.4309	11 Excellent	Norway Maple
386	43.07568	-88.4309	6 Good	Norway Maple
387	43.07565	-88.4308	24 Excellent	Northern Red Oak
388	43.07562	-88.4309	6 Good	Norway Maple
389	43.07561	-88.4309	17 Fair	White Oak
390	43.0756	-88.4309	8 Fair	American Basswood
391	43.07555	-88.4309	29 Poor	American Basswood
392	43.07552	-88.4309	23 Good	American Basswood
393	43.07552	-88.4309	30 Good	Northern Red Oak
394	43.07555	-88.4308	8 Excellent	Norway Maple
395	43.07558	-88.4308	9 Good	Norway Maple

396	43.07556	-88.4308	7 Excellent	Norway Maple
397	43.07553	-88.4308	6 Good	Norway Maple
398	43.07548	-88.4308	7 Good	Norway Maple
399	43.07543	-88.4308	7 Good	Norway Maple
400	43.07546	-88.4309	24 Good	Northern Red Oak
401	43.07546	-88.4309	12 Good	Bitternut Hickory
402	43.07546	-88.431	8 Good	American Basswood
403	43.07545	-88.431	14 Excellent	American Basswood
404	43.07542	-88.431	8 Good	Norway Maple
405	43.07542	-88.431	24 Good	Northern Red Oak
406	43.0754	-88.431	13 Good	Norway Maple
407	43.07537	-88.431	8 Good	Norway Maple
408	43.07535	-88.431	21 Fair	Black Cherry
409	43.07531	-88.431	10 Good	Norway Maple
410	43.07533	-88.431	22 Good	American Basswood
411	43.07533	-88.4309	7 Good	Norway Maple
412	43.0753	-88.431	24 Dead	Green Ash
413	43.07527	-88.4309	10 Poor	American Basswood
414	43.07522	-88.4309	9 Good	Norway Maple
415	43.07523	-88.431	8 Good	Norway Maple
416	43.07522	-88.431	9 Good	Norway Maple
417	43.07519	-88.431	46 Good	Northern Red Oak
418	43.0752	-88.4309	21 Good	American Basswood
419	43.07523	-88.4308	15 Fair	Norway Maple
420	43.07519	-88.4308	7 Fair	Norway Maple
421	43.07519	-88.4308	16 Good	Norway Maple
422	43.07519	-88.4308	30 Fair	Black Locust
423	43.07517	-88.4307	23 Good	Black Locust
424	43.07518	-88.4307	11 Fair	Norway Maple
425	43.0752	-88.4307	8 Poor	Black Locust
426	43.07522	-88.4307	24 Fair	Black Locust
427	43.07523	-88.4306	13 Good	Norway Maple
428	43.07523	-88.4306	9 Poor	Norway Maple
429	43.07524	-88.4306	26 Good	Black Locust
430	43.07526	-88.4306	16 Fair	Black Locust
431	43.07528	-88.4306	15 Good	Black Locust
432	43.07531	-88.4305	18 Good	Black Locust
433	43.07533	-88.4305	31 Fair	Black Locust
434	43.07532	-88.4306	11 Excellent	Norway Maple
435	43.07532	-88.4306	9 Fair	Norway Maple
436	43.07532	-88.4306	8 Good	Black Locust
437	43.07535	-88.4306	21 Excellent	Black Locust
438	43.0754	-88.4306	7 Good	Norway Maple
439	43.07538	-88.4307	7 Dead	American Basswood

440	43.07535	-88.4307	8 Good	Norway Maple
441	43.07536	-88.4307	34 Good	Northern Red Oak
442	43.07538	-88.4308	7 Good	Norway Maple
443	43.07538	-88.4309	8 Good	Norway Maple
444	43.07536	-88.4309	8 Fair	Norway Maple
445	43.07535	-88.4309	34 Good	Northern Red Oak
446	43.07533	-88.4309	7 Good	Norway Maple
447	43.07528	-88.4309	6 Poor	Norway Maple
448	43.07527	-88.4308	10 Good	Norway Maple
449	43.07529	-88.4308	14 Good	American Basswood
450	43.07531	-88.4308	9 Dead	Eastern Red Cedar
451	43.07541	-88.4307	12 Excellent	Norway Maple
452	43.07546	-88.4307	12 Fair	American Basswood
453	43.07545	-88.4306	18 Good	American Basswood
454	43.0755	-88.4307	16 Dead	Northern Red Oak
455	43.07554	-88.4307	26 Dead	Green Ash
456	43.07559	-88.4307	9 Excellent	Norway Maple
457	43.0756	-88.4307	9 Excellent	Norway Maple
458	43.07566	-88.4307	12 Excellent	Norway Maple
459	43.07567	-88.4307	32 Good	Northern Red Oak
460	43.07563	-88.4308	33 Fair	Northern Red Oak
461	43.07574	-88.4308	16 Good	American Basswood
462	43.07578	-88.4308	15 Poor	Northern Red Oak
463	43.07581	-88.4308	6 Poor	Norway Maple
464	43.07587	-88.4307	12 Good	Bitternut Hickory
465	43.07589	-88.4307	6 Good	Ironwood
466	43.07583	-88.4307	9 Fair	Norway Maple
467	43.0758	-88.4307	25 Dead	Green Ash
468	43.07576	-88.4307	7 Excellent	Norway Maple
469	43.07568	-88.4306	6 Excellent	Norway Maple
470	43.07563	-88.4306	21 Dead	White Ash
471	43.0757	-88.4305	11 Excellent	Norway Maple
472	43.0757	-88.4305	8 Good	Norway Maple
473	43.07575	-88.4305	25 Excellent	White Oak
474	43.0758	-88.4305	11 Excellent	Norway Maple
475	43.0758	-88.4306	8 Excellent	Norway Maple
476	43.07583	-88.4306	11 Excellent	Norway Maple
477	43.07586	-88.4305	14 Good	Shagbark Hickory
478	43.07589	-88.4305	9 Excellent	Norway Maple
479	43.07585	-88.4305	9 Fair	Norway Maple
480	43.07587	-88.4304	13 Good	Norway Maple
481	43.07589	-88.4304	26 Good	Northern Red Oak
482	43.07592	-88.4304	24 Good	Northern Red Oak
483	43.07593	-88.4304	8 Good	Norway Maple

484	43.07595	-88.4305	6	Good	Norway Maple
485	43.07598	-88.4305	10	Good	Norway Maple
486	43.07601	-88.4305	34	Good	Northern Red Oak
487	43.076	-88.4306	9	Good	Norway Maple
488	43.07597	-88.4307	11	Excellent	Norway Maple
489	43.07604	-88.4307	10	Excellent	Norway Maple
490	43.07605	-88.4307	10	Excellent	Norway Maple
491	43.07602	-88.4307	19	Good	White Oak
492	43.07607	-88.4305	10	Excellent	Norway Maple
493	43.07606	-88.4305	10	Good	Shagbark Hickory
494	43.0761	-88.4305	15	Excellent	Bitternut Hickory
495	43.07604	-88.4305	7	Good	Norway Maple
496	43.07605	-88.4304	23	Good	Norway Maple
497	43.07605	-88.4303	6	Good	Ironwood
498	43.07597	-88.4303	8	Good	Ironwood
499	43.07596	-88.4304	34	Good	Northern Red Oak
500	43.0759	-88.4304	24	Good	Black Locust
501	43.07582	-88.4304	9	Fair	Ironwood
502	43.07581	-88.4304	12	Good	Norway Maple
503	43.07579	-88.4304	23	Dead	Green Ash
504	43.07578	-88.4304	15	Good	Norway Maple
505	43.07577	-88.4304	7	Excellent	Ironwood
506	43.07573	-88.4304	21	Excellent	Norway Maple
507	43.0757	-88.4304	21	Poor	Norway Maple
508	43.07566	-88.4304	6	Poor	Norway Maple
509	43.07565	-88.4304	15	Good	Norway Maple
510	43.07563	-88.4304	15	Excellent	Norway Maple
511	43.07562	-88.4304	12	Excellent	Norway Maple
512	43.07559	-88.4304	12	Fair	Norway Maple
513	43.07557	-88.4304	11	Good	Norway Maple
514	43.07556	-88.4304	13	Fair	Norway Maple
515	43.0755	-88.4305	25	Good	American Basswood
516	43.07549	-88.4305	7	Good	Norway Maple
517	43.07551	-88.4306	16	Excellent	Bitternut Hickory
518	43.07556	-88.4306	14	Excellent	Norway Maple
519	43.0754	-88.4305	16	Good	Norway Maple
520	43.0754	-88.4305	11	Good	Norway Maple
521	43.07542	-88.4305	9	Fair	Norway Maple
522	43.07542	-88.4305	29	Good	Northern Red Oak
523	43.07537	-88.4297	13	Dead	White Ash
524	43.07583	-88.43	20	Fair	Shagbark Hickory
525	43.07592	-88.43	14	Good	Eastern Red Cedar
526	43.07593	-88.43	14	Good	Eastern Red Cedar
527	43.07593	-88.43	8	Good	Eastern Red Cedar

528	43.07602	-88.43	7 Good	Eastern Red Cedar
529	43.07604	-88.43	8 Good	Ironwood
530	43.07604	-88.43	8 Poor	Ironwood
531	43.07608	-88.43	9 Good	Ironwood
532	43.07609	-88.43	8 Good	Ironwood
533	43.07608	-88.43	14 Excellent	Shagbark Hickory

 = Specimen tree to be removed



Exterior Stone: Kensington Full Color Limestone Full Bed Natural Stone



Architectural Shingle: GAF Timberline "Charcoal" Dimensional Shingle



Board & Batten Siding: Hardie Board 'Arctic White'



Standing Seam Metal Roofing: Pac-Clad 'Traditional Black'



Windows: Pella Impervia Fiberglass 'Black'



Cedar Ridge - CBRF Residential Facility

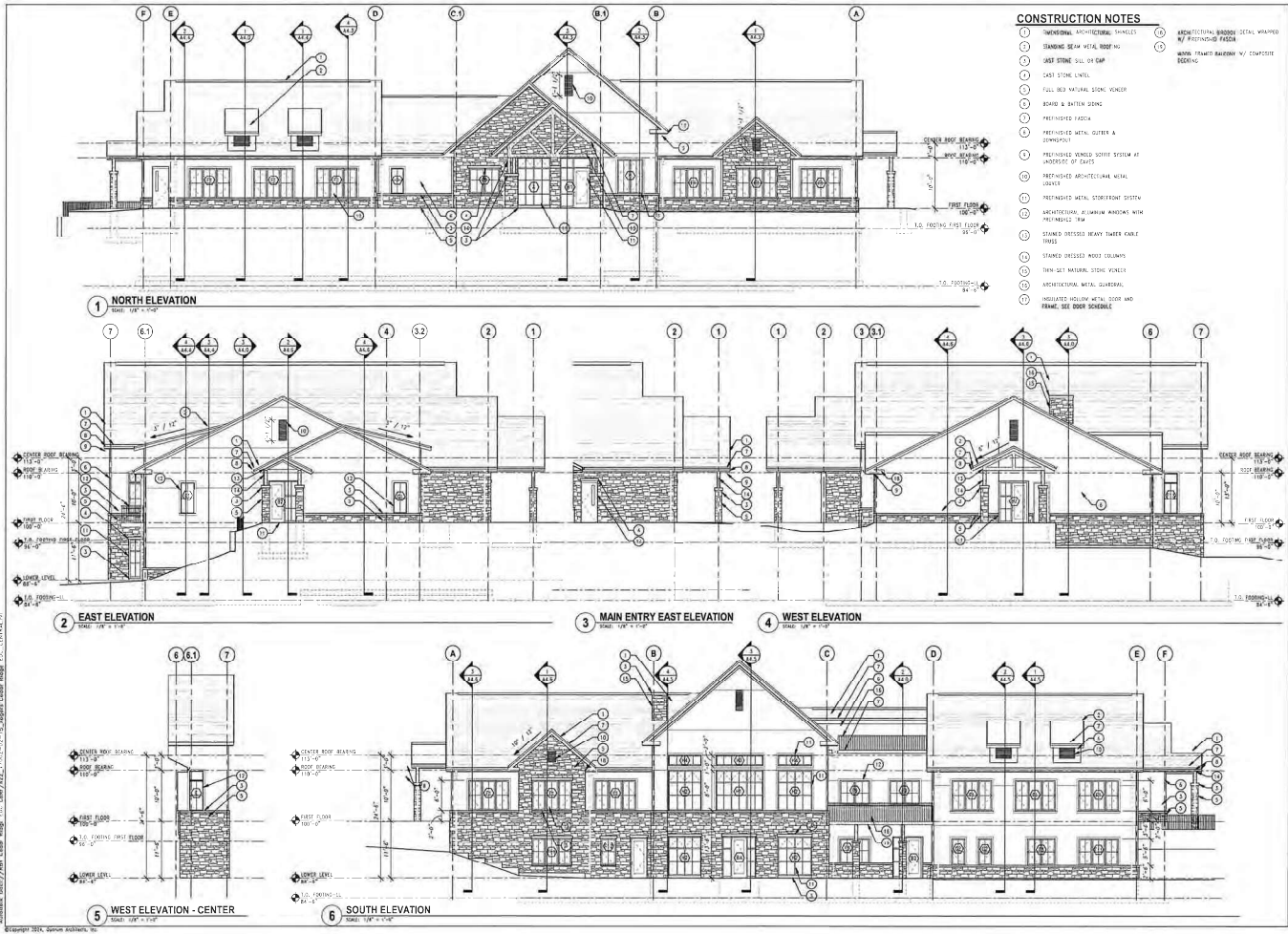
Cedar Ridge Road,
Oconomowoc, WI 53066

Exterior Materials
May 12th, 2025

ROGERS
Behavioral Health



Quantum Architecture, Inc.
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- CONSTRUCTION NOTES**
- 1 UNPAVED ARCHITECTURAL FINISHES
 - 2 STANDING SEAM METAL ROOFING
 - 3 CAST STONE SILL OR CAP
 - 4 FULL BED NATURAL STONE VENEER
 - 5 BOARD & BATTEN SIDING
 - 6 PREFINISHED FACIA
 - 7 PREFINISHED METAL GUTTER & DOWNSPOUT
 - 8 PREFINISHED VINYL SCOTCH SYSTEM AT UNDERSET OF GABLE
 - 9 PREFINISHED ARCHITECTURAL METAL LOCALS
 - 10 PREFINISHED METAL STOREFRONT SYSTEM
 - 11 ARCHITECTURAL ALUMINUM WINDOW WITH FINISHED TRIM
 - 12 STAINED OREGON HEAVY TRIMMER GABLE TRUSS
 - 13 STAINED OREGON WOOD COLUMNS
 - 14 TRIM SET NATURAL STONE VENEER
 - 15 ARCHITECTURAL METAL DOWNSPOUT
 - 16 QUALITIES FOLLOW ARCH. DOOR AND FRAME. SEE DOOR SCHEDULE
 - 17 ARCHITECTURAL BRASS/STAIN W/WRAPPED
 - 18 PREFINISHED FACIA
 - 19 METAL TRIM BATTERY W/ STAINLESS BRASSING



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CONSTRUCTION

Rogers Behavioral Health - Cedar
Ridge 20 - Bad CBRF
Cedar Ridge Road
Gorham, WI 53046

Sheet Name:
EXTERIOR BUILDING
ELEVATIONS
Date: 09-24-2025
Drawn By: ES/TB
Project No: 17022-02-24
Drawn By:

A3.0



ROGERS
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PRELIMINARY
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CONSTRUCTION
BURMAN ARCHITECTS, INC.

**Rogers Behavioral Health - Cedar
Ridge 20 - Bed CBRF**

Cedar Ridge, Rogers Behavioral Health
Columbus, OH 43068

ENGINEER

Sheet Name:
LOWER LEVEL FINISH PLAN

Date: 02-24-2025

Drawn By: R. Fisher

Project No: 170002-00-24

Sheet No:

A9.0



1 LOWER LEVEL FINISH PLAN
Scale: 1/8" = 1'-0"



170002-00-24-09
Rogers Behavioral Health - Cedar Ridge 20 - Bed CBRF
Lower Level Finish Plan
Burman Architects, Inc.

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Quinn Architects, Inc.
 101 West Main Street
 Westport, Rhode Island 02890
 Phone: 401.233.9325
 www.quinnarchitects.com

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Rogers Behavioral Health - Cedar
 Ridge 20 - Bed CBRF

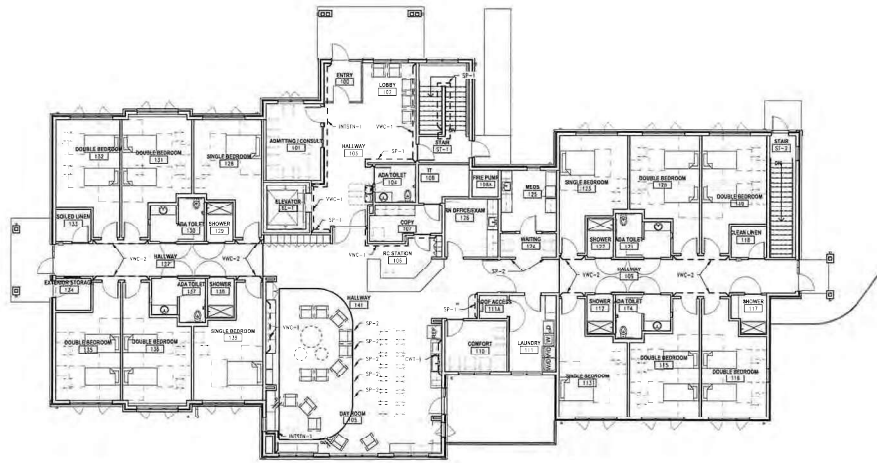
02/24/2025
 10:00 AM

Revised:

Sheet Name:
FIRST FLOOR FINISH PLAN

Date: 02-24-2025
 Drawn By: Author
 Project No: 17062-02-24
 Draw No:

A9.1



1 FIRST FLOOR FINISH PLAN
 SCALE: 1/8" = 1'-0"



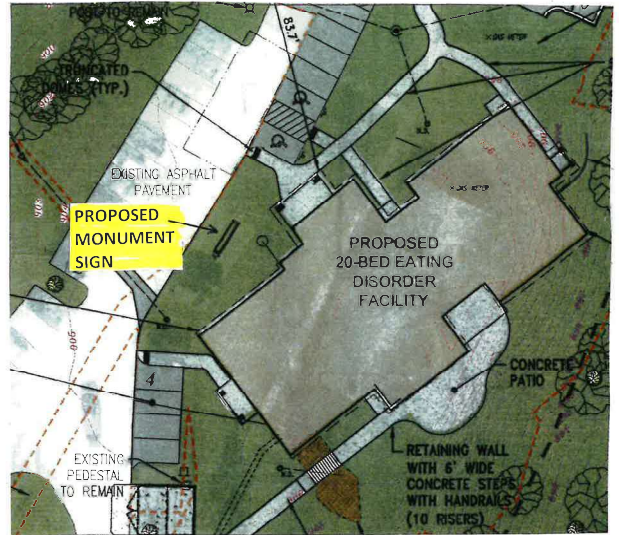
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 Author: Quinn Architects, Inc.
 Project: Rogers Behavioral Health - Cedar Ridge 20 - Bed CBRF

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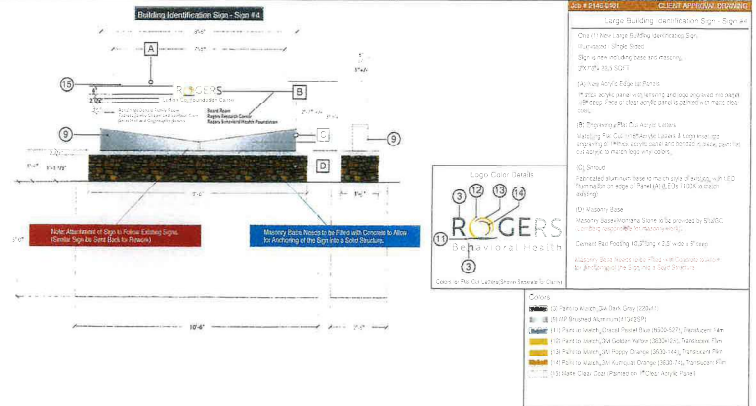
PROPOSED SIGNAGE

02/24/2021 11:01 AM

142_126430a



Rogers Behavioral Health - Coomansville - Adult Campus - Add-on 2021 - Landscaping Signage - 441616301 - CLARKE CONSULTANTS



GENERAL NOTES

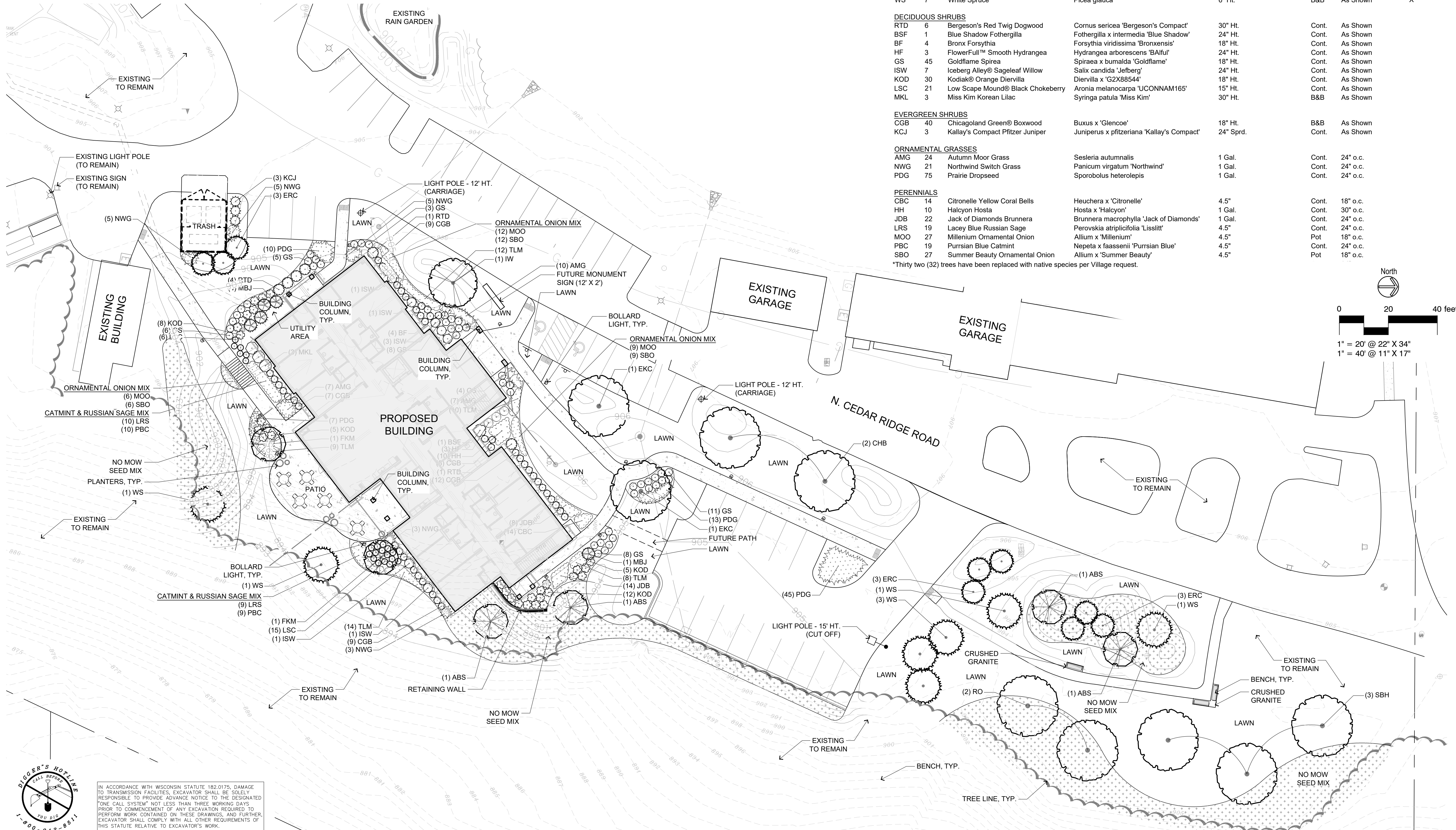
- Lawn areas to be seeded with premium, commercial grade seed mix.
- No Mow Lawn Seed Mix shall be supplied by Prairie Nursery, Westfield, WI.
- Plant beds and parking lot islands to receive a 2-3" deep layer of shredded hardwood mulch.
- Bench pads to be 3" deep crushed granite, color grey.
- All plantings shall comply with standards as described in the American Standard of Nursery Stock - ANSI Z60.1 (Latest Version)
- Plants in mixed perennial areas to be installed in random fashion.
- Site furnishings by owner, to be Sister Bay.
- See Lighting Plan for actual lighting locations and fixture specifications.
- Planters on rear patio to be Manhattan Fiberglass Tapered Round Planters with drainage holes in the following sizes / quantities (color & finish by owner):

2 - 24" dia. x 24" height SKU: F1-MAN-TR3636
 3 - 30" dia. x 30" height SKU: F1-MAN-TR3030
 2 - 36" dia. x 36" height SKU: F1-MAN-TR2424

PLANT SCHEDULE

CODE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	ROOT	SPACING	REPLACEMENT*
SHADE TREES							
CHB	2	Common Hackberry	Celtis occidentalis	2" Cal.	B&B	As Shown	X
EKC	2	Espresso Kentucky Coffeetree	Gymnocladus dioicus 'Espresso'	2" Cal.	B&B	As Shown	X
RO	2	Northern Red Oak	Quercus rubra	2" Cal.	B&B	As Shown	X
SBH	3	Shagbark Hickory	Carya ovata	2" Cal.	B&B	As Shown	X
ORNAMENTAL TREES							
ABS	4	Autumn Brilliance Serviceberry	Amelanchier x grandiflora 'Autumn Brilliance'	20 Gal. Multi-stem (min 3)	Cont.	As Shown	X
FKM	2	Fire King™ Musclemwood	Carpinus caroliniana 'J.N. Select A'	1.5" Cal.	B&B	As Shown	X
IW	1	Ironwood	Ostrya virginiana	1.5" Cal.	B&B	As Shown	X
EVERGREEN TREES							
ERC	9	Eastern Red Cedar	Juniperus virginiana	5' Ht.	B&B	As Shown	X
MBJ	5	Mountbatten Juniper	Juniperus chinensis 'Mountbatten'	5' Ht.	B&B	As Shown	X
WS	7	White Spruce	Picea glauca	6' Ht.	B&B	As Shown	X
DECIDUOUS SHRUBS							
RTD	6	Bergeson's Red Twig Dogwood	Cornus sericea 'Bergeson's Compact'	30" Ht.	Cont.	As Shown	X
BSF	1	Blue Shadow Fothergilla	Fothergilla x intermedia 'Blue Shadow'	24" Ht.	Cont.	As Shown	X
BF	4	Bronx Forsythia	Forsythia viridissima 'Bronxensis'	18" Ht.	Cont.	As Shown	X
HF	3	FlowerFull™ Smooth Hydrangea	Hydrangea arborescens 'BAIfut'	24" Ht.	Cont.	As Shown	X
GS	45	Goldflame Spirea	Spiraea x bumalda 'Goldflame'	18" Ht.	Cont.	As Shown	X
ISW	7	Iceberg Alley® Sagetleaf Willow	Salix candida 'Jefberg'	24" Ht.	Cont.	As Shown	X
KOD	30	Kodiak® Orange Diervilla	Diervilla x 'G2X88544'	18" Ht.	Cont.	As Shown	X
LSC	21	Low Scape Mound® Black Chokeberry	Aronia melanocarpa 'UCONNAM165'	15" Ht.	Cont.	As Shown	X
MKL	3	Miss Kim Korean Lilac	Syringa patula 'Miss Kim'	30" Ht.	B&B	As Shown	X
EVERGREEN SHRUBS							
CGB	40	Chicagoland Green® Boxwood	Buxus x 'Glencoe'	18" Ht.	B&B	As Shown	X
KCJ	3	Kallay's Compact Pfitzer Juniper	Juniperus x pfitzeriana 'Kallay's Compact'	24" Sprd.	Cont.	As Shown	X
ORNAMENTAL GRASSES							
AMG	24	Autumn Moor Grass	Sesleria autumnalis	1 Gal.	Cont.	24" o.c.	
NWG	21	Northwind Switch Grass	Panicum virgatum 'Northwind'	1 Gal.	Cont.	24" o.c.	
PDG	75	Prairie Dropseed	Sporobolus heterolepis	1 Gal.	Cont.	24" o.c.	
PERENNIALS							
CBC	14	Citronelle Yellow Coral Bells	Heuchera x 'Citronelle'	4.5"	Cont.	18" o.c.	
HH	10	Halcyon Hosta	Hosta x 'Halcyon'	1 Gal.	Cont.	30" o.c.	
JDB	22	Jack of Diamonds Brunnera	Brunnera macrophylla 'Jack of Diamonds'	1 Gal.	Cont.	24" o.c.	
LRS	19	Lacey Blue Russian Sage	Perovskia atriplicifolia 'Lisslitt'	4.5"	Cont.	24" o.c.	
MOO	27	Millenium Ornamental Onion	Allium x 'Millenium'	4.5"	Pot	18" o.c.	
PBC	19	Purrsian Blue Catmint	Nepeta x faassenii 'Purrsian Blue'	4.5"	Cont.	24" o.c.	
SBO	27	Summer Beauty Ornamental Onion	Allium x 'Summer Beauty'	4.5"	Pot	18" o.c.	

*Thirty two (32) trees have been replaced with native species per Village request.



H:\DWG\2025\25-1070.00 ROGERS BEHAVIOR HEALTH-CEDAR RIDGE 20-BED DCN\LA\AUTOCAD\25-1070.00 LP01 - CEDAR RIDGE.DWG
 1-800-242-8811

IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED TONE CALL SYSTEM NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.



4100 N. Calhoun Rd
 Suite 300
 Brookfield, WI 53005
 Phone: (262) 790-1480
 Fax: (262) 790-1481

PROJECT:
CEDAR RIDGE CAMPUS
ROGERS MEMORIAL HOSPITAL
 VILLAGE OF SUMMIT, WISCONSIN
 BY: ROGERS MEMORIAL HOSPITAL
 34700 VALLEY ROAD
 VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY

DATE	DESCRIPTION

DATE:
 JUNE 12, 2025

JOB NUMBER:
 25-1070.00

DESCRIPTION:
LANDSCAPE PLAN

SHEET

L1.00

VILLAGE REVIEW
06.12.25



REVISIONS		
NO.	DESCRIPTION	DATE

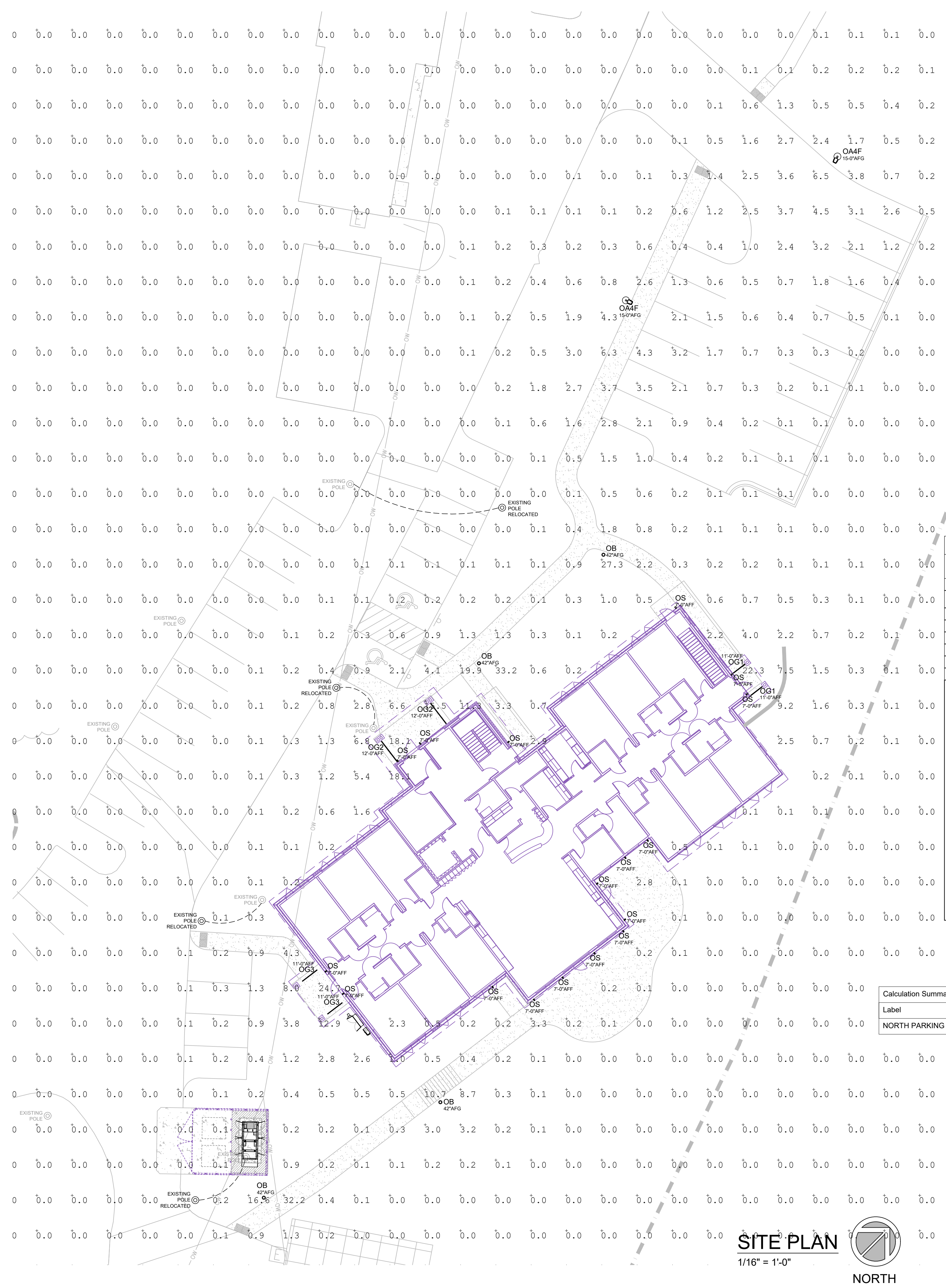
FIRM NAME AND ADDRESS:
TC LYONS ELECTRIC
75 ENTERPRISE ROAD
DELAFIELD, WI 53018

CONTACT INFORMATION:
TIM ANDERSON
MAIN: (262) 646-6828
FAX: (262) 646-6829

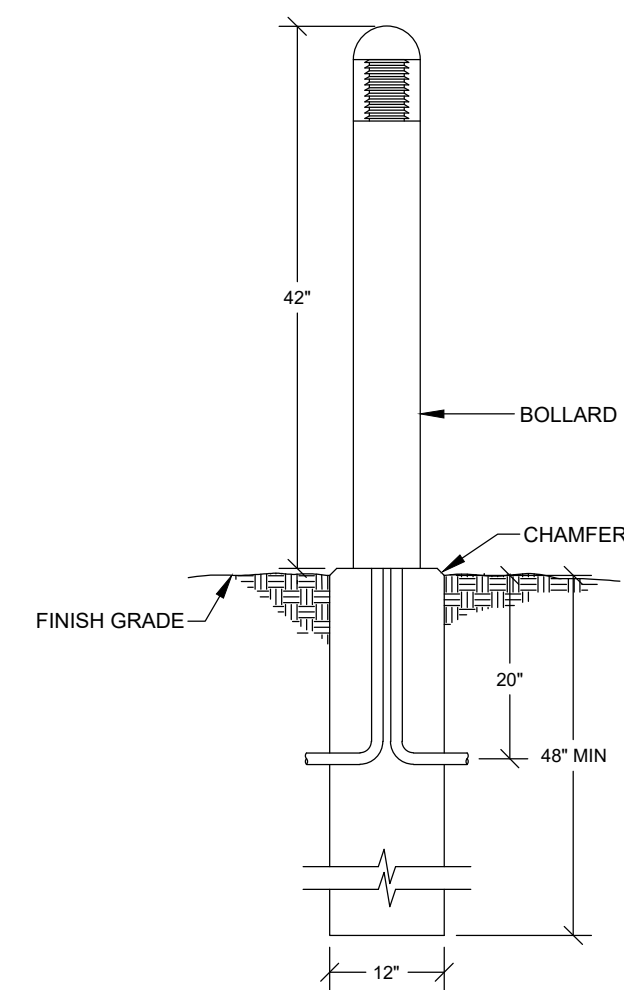
PROJECT NAME:
**ROGERS BEHAVIORAL
HEALTH - CEDAR RIDGE
FACILITY**
CEDAR RIDGE ROAD
OCONOMOWOC, WI 53066

SHEET TITLE:
SITE PLAN

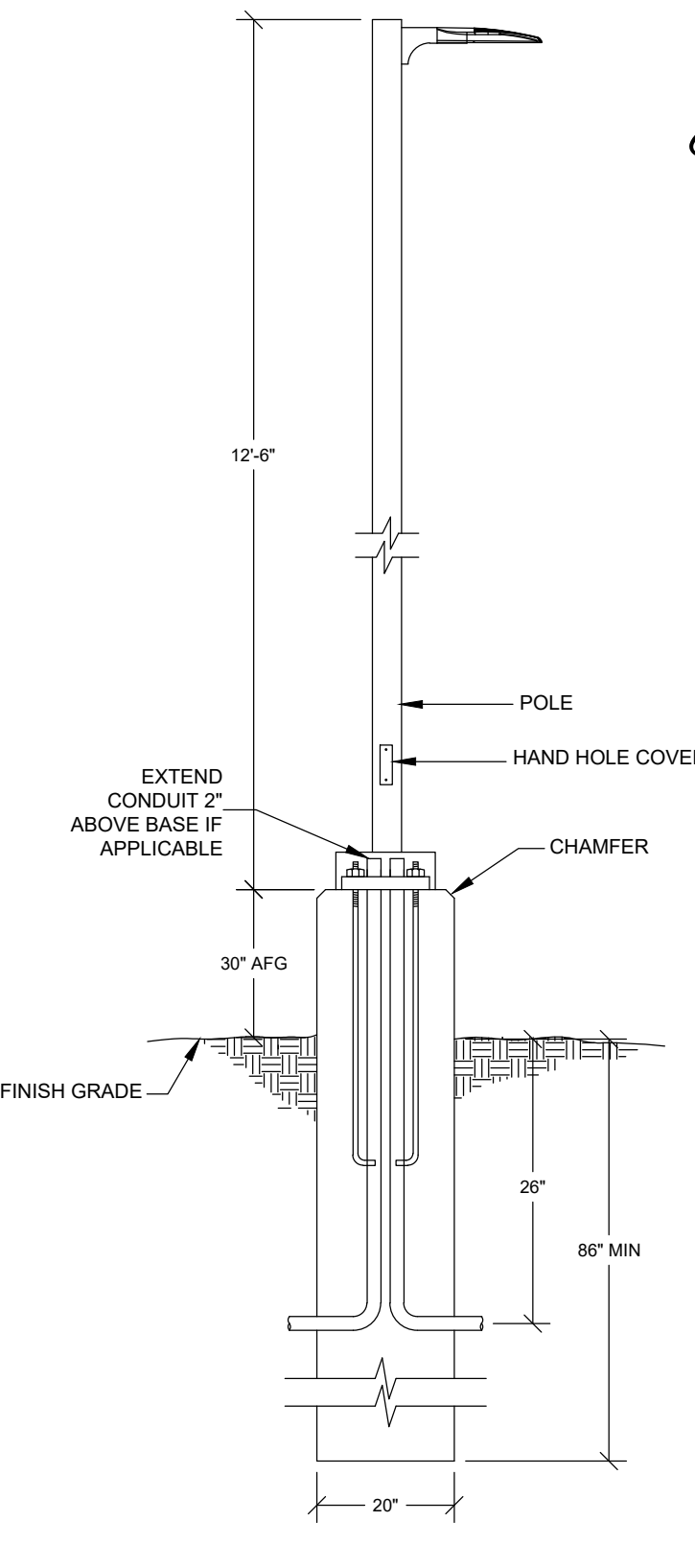
DRAWN BY: DMG	JOB NUMBER:
DATE DRAWN: 06.10.2025	APPROVED BY: KRK
SHEET OF	
2 11	
SHEET #: ES100	



SITE PLAN
1/16" = 1'-0"
NORTH



TYPICAL BOLLARD DETAIL
NTS



TYPICAL POLE BASE DETAIL
NTS

LUMINAIRE SCHEDULE										
QTY	TYPE	DESCRIPTION	#	LAMP DATA		PART NUMBERS		MOUNT	VOLT	NOTES
				TYPE	MFG	CATALOG #				
2	0AMF	12'-6" SINGLE HEAD VIPER AREA/SITE POLE LIGHT	LED	75 WATT-4,000K-70CRI-18,000 LUMENS	BEACON	VP-1-160L-75-4K7-4F-UNV-A-DBT/SS15.5-40A-1-83-DBT	POLE	208	1,2,4,5,6,18	
4	OB	8" BOLLARD	LED	18 WATT-4,000K-80CRI-1,566 LUMENS	NATURALED	LED-FX8BLD1842RLV/840/BZ	CONCRETE BASE	120	1,7,8,9,10,16,17	
2	OG1	4'-0" LUMENCOVE XT	LED	39 WATT-4,000K-80CRI-4,206 LUMENS	LUMENPULSE	LXTHO-120-48-40K-SAM-BRZ-DIM	SURFACE	120	1,11,12,13,18	
2	OG2	7'-0" LUMENCOVE XT	LED	68.25 WATT-4,000K-80CRI-7,361 LUMENS	LUMENPULSE	(1)LXTHO-120-48-40K-SAM-BRZ-DIM(1)LXTHO-120-36-40K-SAM-BRZ-DIM	SURFACE	120	1,11,12,13,18	
2	OG3	5'-0" LUMENCOVE XT	LED	48.75 WATT-4,000K-80CRI-5,258 LUMENS	LUMENPULSE	(1)LXTHO-120-36-40K-SAM-BRZ-DIM(1)LXTHO-120-24-40K-SAM-BRZ-DIM	SURFACE	120	1,11,12,13,18	
17	OS	WALL MOUNT DIRECT/INDIRECT CYLINDER SCENCE	LED	20 WATT-4,000K-80CRI-1,959 LUMENS	E-CONOLIGHT	E-WCSUPDN-UPDN-20L-SCCT-BZ	SURFACE	120	1,8,14,15,18	

NOTES:
1. 4,000K TEMPERATURE.
2. DARK BRONZE MATTE TEXTURE FINISH.
3. NOT USED.
4. TYPE IV F DISTRIBUTION.
5. 15'-6" TALL POLE ON TOP OF 20" DIAMETER CONCRETE BASE RAISED 30" ABOVE FINISHED GRADE TO TOP OF BASE FOR TOTAL HEIGHT OF 18'-0" ABOVE FINISHED GRADE.
6. SUGGESTED BOLT CIRCLE IS 11" BUT RANGE IS 10"-12".
7. 360 DEGREE BEAM ANGLE.
8. BRONZE FINISH.
9. ROUNDED LOUVER REFLECTOR.
10. 4.72" DIAMETER BOLT CIRCLE.
11. FURNISHED WITH SLIM ADJUSTABLE MOUNT.
12. BRONZE SANDTEX FINISH.
13. FURNISHED WITH STANDARD 16" LEADER CABLE AND FACTORY STANDARD JUMPERS.
14. FIELD SELECTABLE UP/DOWN, DOWN ONLY OR UP ONLY SOURCE.
15. FIELD SELECTABLE OUTPUT - 12 WATT/1,225 LUMENS, 17 WATT/1,662 LUMENS & 20 WATT/1,959 LUMENS.
16. FIELD SELECTABLE OUTPUT - 750 LUMENS, 1,100 LUMENS & 1,566 LUMENS.
17. NON-DIMMING.
18. 0-10 VOLT DIMMING AVAILABLE.

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
NORTH PARKING LOT	Illuminance	Fc	1.86	6.50	0.10	18.60

GENERAL NOTES:

- SWITCH ARC IS DRAWN FOR REFERENCE ONLY AND DOES NOT REPRESENT ACTUAL BRANCH WIRING.
- ALL NIGHT LIGHTS, EXIT LIGHTS, EMERGENCY BATTERY UNITS AND OCCUPANCY SENSORS SHALL BE WIRED AHEAD OF ANY LIGHTING CONTROL SYSTEM THE PROJECT MAY CONTAIN.
- REFER TO SHEET E000 FOR MOUNTING STYLES, HEIGHTS AND LUMINAIRE PART NUMBERS.
- RECORD ANY AND ALL CHANGES TO THIS SHEET IN RED PEN FOR AS BUILT PURPOSES. SUBMIT AS BUILTS TO SUPERINTENDENT AT THE END OF THE PROJECT. MAKE REVISIONS AS JOB PROGRESSES NOT ALL AT ONCE IN THE END PLEASE WRITE LEGIBLY.
- TEST LIGHTS, EXITS, EMERGENCY BATTERY UNITS AND ALL SWITCHES PRIOR TO THE END OF THE PROJECT AND REPORT ANY FAILED COMPONENTS.
- PROGRAM AND TEST ALL OCCUPANCY SENSORS, TIME CLOCKS AND LIGHTING CONTACTORS PRIOR TO THE END OF THE PROJECT AND REPORT ANY FAILED COMPONENTS.
- INSTALL TYPED PANEL SCHEDULES UPON COMPLETION OF THE PROJECT.
- INSTALL ALL WALL PLATES LEVEL WITH THE SLOTS OF THE SCREW HEAD IN A VERTICAL POSITION.
- INSTALL ARC FLASH STICKERS AND PANEL IDENTIFICATION PER NEC.
- ALL NEW DEVICES MUST MATCH COLOR OF EXISTING DEVICES.
- ALL DRAWINGS ARE SCHEMATIC ONLY. THE INSTALLING ELECTRICAL CONTRACTOR SHALL BE THE ENGINEER OF RECORD. THE INSTALLING ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CALCULATIONS, SIZING, ENGINEERING AND MEETING OF NEC.



ELECTRICAL SITE LIGHTING SUBMITTAL

To: Moore Construction Services
Attn: Kathryn Sullivan

Project: Rogers Behavioral Health – Cedar Ridge
3011 North Cedar Ridge Road
Oconomowoc, WI 53066

Submittal Number: (2)

Division: Electrical
Specification Section: 26 51 00
Description: Product Data

LYONS ELECTRIC APPROVAL STAMP

APPROVED
 APPROVED AS NOTED
 REVISE & RESUBMIT

Please review and send this submittal back as product will not be ordered until submittal is APPROVED.

Date: June 11, 2025

By: *Kevin Konkel*
Kevin Konkel
Design/Estimating Department Manager
Designer of Engineering Systems
Certified Master Electrician
TC Lyons Electric

VIPER Area/Site

VIPER LUMINAIRE

FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped



CONTROL TECHNOLOGY



SERVICE PROGRAMS



SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Both optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included
- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater than 20ft, a vibration damper is recommended

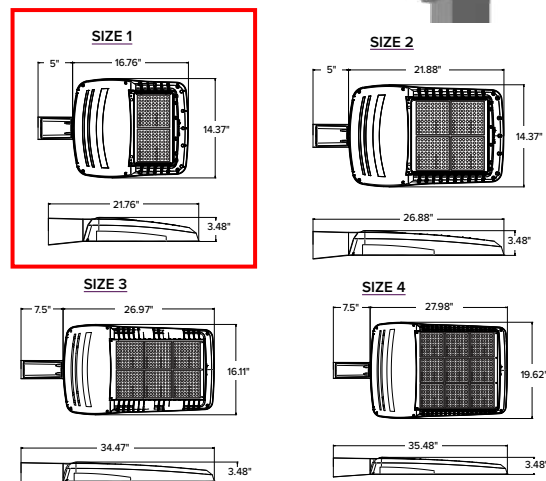
ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40°C to 40°C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard.
- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

MICRO STRIKE | STRIKE OPTICS



	EPA				Config
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to <http://www.designlights.org> for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to <https://www.currentlighting.com/resources/america-solutions>).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

 Gray Shading = Service Program
 Limit of 15 luminaires



Example: VP-2-320L-145-3K7-2-R-UNV-A3-BLT

CATALOG #

VP Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper Area	BLANK Micro Strike	1 Size 1	160L-35 ⁶ 35W - 5,500 Lumens 160L-50 ⁶ 50W - 7,500 Lumens 160L-75 75W - 10,000 Lumens 160L-100 100W - 12,500 Lumens 160L-115 115W - 15,000 Lumens 160L-135 135W - 18,000 Lumens 160L-160 160W - 21,000 Lumens	AP AP-Amber Phosphor Converted 27K8 2700K, 80 CRI 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 35K8 3500K, 80 CRI 3K9 3000K, 90 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 4K9 4000K, 90 CRI 5K7 5000K, 70 CRI 5K8 5000K, 80 CRI BLUE BLUE 450-455 nm	2 Type 2 3 Type 3 4F Type 4 Forward 4W Type 4 Wide 5QW Type 5 Square Wide	BLANK No Rotation L Optic rotation left R Optic rotation right	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V
		2 Size 2	320L-145 145W - 21,000 Lumens 320L-170 170W - 24,000 Lumens 320L-185 185W - 27,000 Lumens 320L-210 210W - 30,000 Lumens 320L-235 235W - 33,000 Lumens 320L-255 255W - 36,000 Lumens 320L-315 ⁶ 315W - 40,000 Lumens				
		3 Size 3	480L-285 285W - 40,000 Lumens 480L-320 320W - 44,000 Lumens 480L-340 340W - 48,000 Lumens 480L-390 390W - 52,000 Lumens 480L-425 425W - 55,000 Lumens 480L-470 470W - 60,000 Lumens				
		4 Size 4	720L-435 435W - 60,000 Lumens 720L-475 475W - 65,000 Lumens 720L-515 515W - 70,000 Lumens 720L-565 ⁶ 565W - 75,000 Lumens 720L-600 ⁶ 600W - 80,000 Lumens CLO Custom Lumen Output ¹				

Mounting	
A	Arm mount for square pole (B3 Drill Pattern) (Does not include round pole adapter)
A_	Arm mount for round pole ²
ASQU	Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern
A_U	Universal arm mount for round pole ²
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole ²
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole ²
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured
Color Option	
CC	Custom Color

Options	
F	Fusing
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
BC	Backlight Control ⁸
TB	Terminal Block
LS	Lumen Switch

Network Control Options	
NXWS-16F	NX Networked Wireless Enabled Integral NXSM2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{13,4}
NXWS-40F	NX Networked Wireless Enabled Integral NXSM2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{13,4}
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{3,4}
WIR	LightGRID+ In-Fixture Module ^{3,4}
WIRSC-14F	LightGRID+ Module and Occupancy Sensor 14ft Mounting height ^{3,4}
WIRSC-40F	LightGRID+ Module and Occupancy Sensor 40ft Mounting height ^{3,4}
Stand Alone Sensors	
BTS-14F	Bluetooth [®] Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth [®] Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTSO-12F	Bluetooth [®] Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle ⁴
7PR-SC	7-Pin Receptacle with shorting cap ⁴
7PR-TL	7-Pin PCR with NEMA photocontrol ⁴
3PR	3-Pin Receptacle ⁴
3PR-SC	3-Pin receptacle with shorting cap ⁴
3PR-TL	3-Pin PCR with NEMA photocontrol ⁴
Programmed Controls	
SCP_F	Sensor Control Programmable, 8F or 40F ⁹
ADD	AutoDim Timer Based Dimming ¹⁰
ADT	AutoDim Time of Day Dimming ¹⁰

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information

2 – Replace “_” with “3” for 3.5”-4.13” OD pole, “4” for 4.18”-5.25” OD pole, “5” for 5.5”-6.5” OD pole

3 – Networked Controls cannot be combined with other control options

4 – Not available with 2PF option

5 – Not available with Dual Driver option

6 – Some voltage restrictions may apply when combined with controls

7 – Not available with 480V

8 – BC not available on 4F and type 5 distributions

9 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.

10 – Please refer to page 8 for AutoDim ordering guide

VIPER Area/Site

VIPER LUMINAIRE

STRIKE OPTIC – ORDERING GUIDE

Example: VP-ST-1-36L-39-3K7-2-UNV-A-BLT

CATALOG #

VP Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper Area	ST Strike Optics	1 Size 1	36L-39 ⁸ 39W - 5,500 Lumens	27K8 2700K, 80 CRI	FR Auto Front Row	BLANK No Rotation L Optic rotation left R Optic rotation right	UNV 120-277V
			36L-55 ⁸ 55W - 7,500 Lumens	3K7 3000K, 70 CRI	2 Type 2		120 120V
			36L-85 85W - 10,000 Lumens	3K8 3000K, 80 CRI	3 Type 3		208 208V
			36L-105 105W - 12,500 Lumens	3K9 3000K, 90 CRI	4F Type 4 Forward		240 240V
			36L-120 120W - 15,000 Lumens	35K8 3500K, 80 CRI	4W Type 4 Wide		277 277V
		2 Size 2	72L-115 115W - 15,000 Lumens	4K7 4000K, 70 CRI	5QN Type 5 Square Narrow		347 347V
			72L-145 145W - 18,000 Lumens	4K8 4000K, 80 CRI	5QW Type 5 Square Wide		480 480V
			72L-180 180W - 21,000 Lumens	4K9 4000K, 90 CRI	5QM Type 5 Square Medium		
			72L-210 210W - 24,000 Lumens	5K7 5000K, 70 CRI	5W Type 5 Wide (Round)		
			72L-240 240W - 27,000 Lumens	5K8 5000K, 80 CRI	5RW Type 5 Rectangular		
		3 Size 3	108L-215 ⁸ 215W - 27,000 Lumens		C Corner Optic		
			108L-250 250W - 30,000 Lumens		TC Tennis Court Optic		
			108L-280 280W - 33,000 Lumens				
			108L-325 325W - 36,000 Lumens				
			108L-365 365W - 40,000 Lumens				
		4 Size 4	162L-320 320W - 40,000 Lumens				
			162L-365 ¹⁰ 365W - 44,000 Lumens				
			162L-405 405W - 48,000 Lumens				
			162L-445 445W - 52,000 Lumens				
			162L-485 485W - 55,000 Lumens				
		162L-545 ⁸ 545W - 60,000 Lumens					
		CLO Custom Lumen Output ¹					

Mounting	Color	Options	Network Control Options
A Arm mount for square pole (B3 Drill Pattern) (Does not include round pole adapter)	BLT Black Matte Textured	F Fusing	NXWS-16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{14,5}
A_L Arm mount for round pole ³	BLS Black Gloss Smooth	E Battery Backup ^{1,2,7,8,9}	NXWF-40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{14,5}
ASQU Universal arm mount for square pole	DBT Dark Bronze Matte Textured	2PF Dual Power Feed	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{4,5}
A_U Universal arm mount for round pole ³	DBS Dark Bronze Gloss Smooth	2DR Dual Driver	WIR LightGRID+ In-Fixture Module ^{4,5}
AAU Adjustable arm for pole mounting (universal drill pattern)	GTT Graphite Matte Textured	TE Toolless Entry	WIRSC-14F LightGRID+ Module and Occupancy Sensor 14ft Mounting height ^{4,5}
AA_U Adjustable arm mount for round pole ³	LGS Light Grey Gloss Smooth	BC Backlight Control	WIRSC-40F LightGRID+ Module and Occupancy Sensor 40ft Mounting height ^{4,5}
ADU Decorative upswept Arm (universal drill pattern)	LGT Light Grey Gloss Textured	TB Terminal Block	Stand Alone Sensors
AD_U Decorative upswept arm mount for round pole ³	PSS Platinum Silver Smooth	LS Lumen Switch	BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
MAF Mast arm fitter for 2-3/8" OD horizontal arm	WHT White Matte Textured		BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
K Knuckle	WHS White Gloss Smooth		BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
T Trunion	VGT Verde Green Textured		7PR 7-Pin Receptacle ⁴
WB Wall Bracket, horizontal tenon with MAF	Color Option		7PR-SC 7-Pin Receptacle with shorting cap ⁴
	CC Custom Color		7PR-TL 7-Pin PCR with NEMA photocontrol ⁴
			3PR 3-Pin Receptacle ⁴
			3PR-SC 3-Pin receptacle with shorting cap ⁴
			3PR-TL 3-Pin PCR with NEMA photocontrol ⁴
			Programmed Controls
			SCP__F Sensor Control Programmable, 8F or 40F ¹¹
			ADD AutoDim Timer Based Dimming ¹²
			ADT AutoDim Time of Day Dimming ¹²

¹ – Items with a grey background can be done as a custom order. Contact brand representative for more information

² – Battery temperature rating -20C to 55C

³ – Replace “_” with “3” for 3.5”-4.13” OD pole, “4” for 4.18”-5.25” OD pole, “5” for 5.5”-6.5” OD pole

⁴ – Networked Controls cannot be combined with other control options

⁵ – Not available with 2PF option

⁶ – Not available with 480V

⁷ – Not available with 347 or 480V

⁸ – Not available with Dual Driver option

⁹ – Only available in Size 1 housing, up to 105 Watts

¹⁰ – Some voltage restrictions may apply when combined with controls

¹¹ – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.

¹² – Please refer to page 8 for AutoDim ordering guide

VIPER Area/Site

VIPER LUMINAIRE

ORDERING GUIDE (CONT'D)

CATALOG #

Accessory Type	Size	Option	Color
SHD Shield	1 Size 1	HSS-90-B House Side Shield 90° Back	BLS Black Gloss Smooth
	2 Size 2	HSS-90-F House Side Shield 90° Front	BLT Black Matte Textured
	3 Size 3	HSS-90-S House Side Shield 90° Side	DBS Dark Bronze Gloss Smooth
	4 Size 4	HSS-270-BSS House Side Shield 270° Back/Side/Side	DBT Dark Bronze Matte Textured
		HSS-270-FSS House Side Shield 270° Front/Side/Side	GTT Graphite Matte Textured
		HSS-270-FSB House Side Shield 270° Front/Side/Back	LGS Light Gray Gloss Smooth
		HSS-360 House Side Shield 360°	PSS Platinum Silver Smooth
		BC Back Light Control	WHS White Gloss Smooth
		A Arm mount for square pole (B3 Drill Pattern) (Does not include round pole adapter)	WHT White Matte Textured
		ASQU Universal Arm Mount for square pole	VGT Green Landscape Decorative
		AAU Adjustable Arm for pole mounting	LEG Legacy Colors
		ADU Decorative upswept Arm	Color Option
		RPA Round Pole Adapter	CC Custom Color
		MAF Mast Arm Fitter for 2-3/8" OD horizontal arm	
		K Knuckle	
		T Trunnion	
		WB Wall Bracket (compatible with universal arm mounts)	
MTG Mounting			
Accessory Type		Option	
MSC Miscellaneous		BIRD SPK Bird Spike	

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

NXOFM-1R1D-UNV On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

LightGRID+ Lighting Control

WIR-RME-L On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC

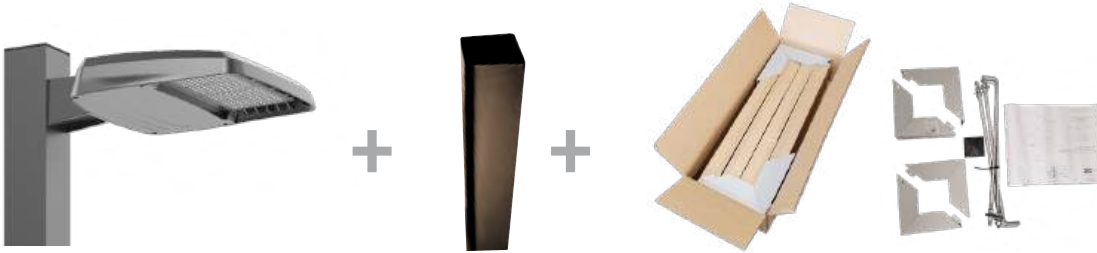
SCP-REMOTE Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor

For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

VIPER Area/Site

VIPER LUMINAIRE

VIPER POLE EXPRESS COMBO – ORDERING GUIDE



Catalog Number	Pole	Single or Double Head	Fixture	Lumens*	Wattage	Distribution	CCT/CRI	Mounting	Finish
VP-1-160-4K-3-LS-S20	20' Square Straight Steel	Single	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20	20' Square Straight Steel	Single	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25	25' Square Straight Steel	Single	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25	25' Square Straight Steel	Single	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20	20' Square Straight Steel	Single	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20	20' Square Straight Steel	Single	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25	25' Square Straight Steel	Single	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25	25' Square Straight Steel	Single	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – STOCK LUMINAIRE SKUS

Catalog Number	Lumens	LPW	Distribution	Wattage	CCT/CRI	Voltage	Mounting	Finish
VP-1-160-4K-3-LS	19584	123.9	3	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-4K-4F-LS	19426	122.9	4F	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-3-LS	19499	123.4	3	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-4F-LS	19186	121.4	4F	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – ACCESSORIES

Catalog Number	Description
VM14DB	Vibration Dampener, mounts to top of pole for reduced vibration



VIPER Area/Site

VIPER LUMINAIRE

OUTDOOR LIGHTING CONTROLS OPTIONS CONTROLS FUNCTIONALITY LIGHT GRID+

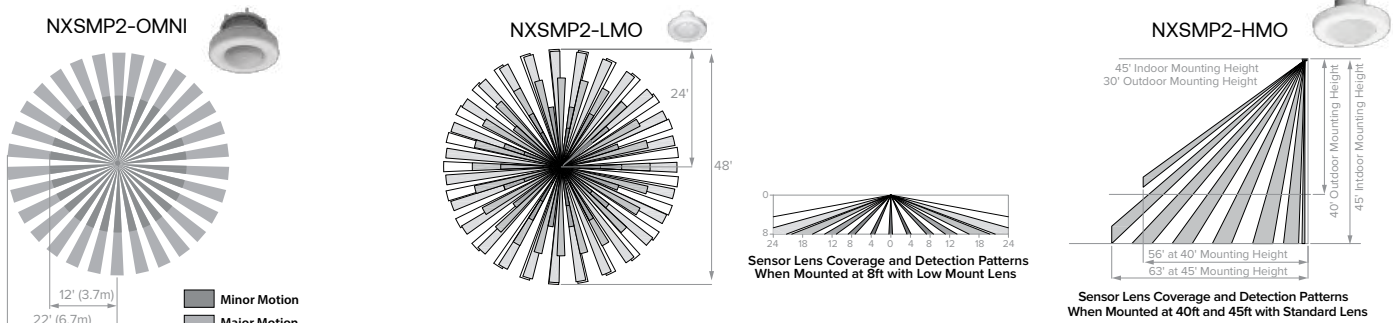
Control Option Ordering Logic & Description	Control Option Functionality										Control Option Components
	Networkable	Grouping	Scheduling	Occupancy/Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless NXOFMIRID-UNV NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming	✓	✓	✓	Paired with external control	✓	✓	✓	✓	-		NXOFM-1RID-UV
NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	-	-	✓	✓	✓	-		NXRM2-H
NXWS12F NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+ WIR LightGRID+ In-Fixture Module	✓	-	✓	-	-	✓	✓	Gateway	-		WIR
WIR-RME-L LightGRID+ On Fixture Module	✓	-	✓	-	-	✓	✓	Gateway	-		WIR-RME-L
WIRSC LightGRID+ Module and Occupancy Sensor	✓	✓	✓	✓	✓	✓	✓	Gateway	14ft - 40ft		BTMSP
Independent BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

DEFAULT SETTINGS

NX Wireless	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	15 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	0%
	Daylight Sensor	Disabled
	Bluetooth	Enabled
	2.4GHz Wireless Mesh	On
	Passcode Factory Passcode: HubbN3T!	Enabled

Stand Alone	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	8 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	50%
	Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS



VIPER Area/Site

VIPER LUMINAIRE

NX LIGHTING CONTROLS FREE APP

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)



The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminaires and program NX system settings.

Apple App: <https://apps.apple.com/us/app/nx-lighting-controls/id962112904>

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&q=US



Apple App

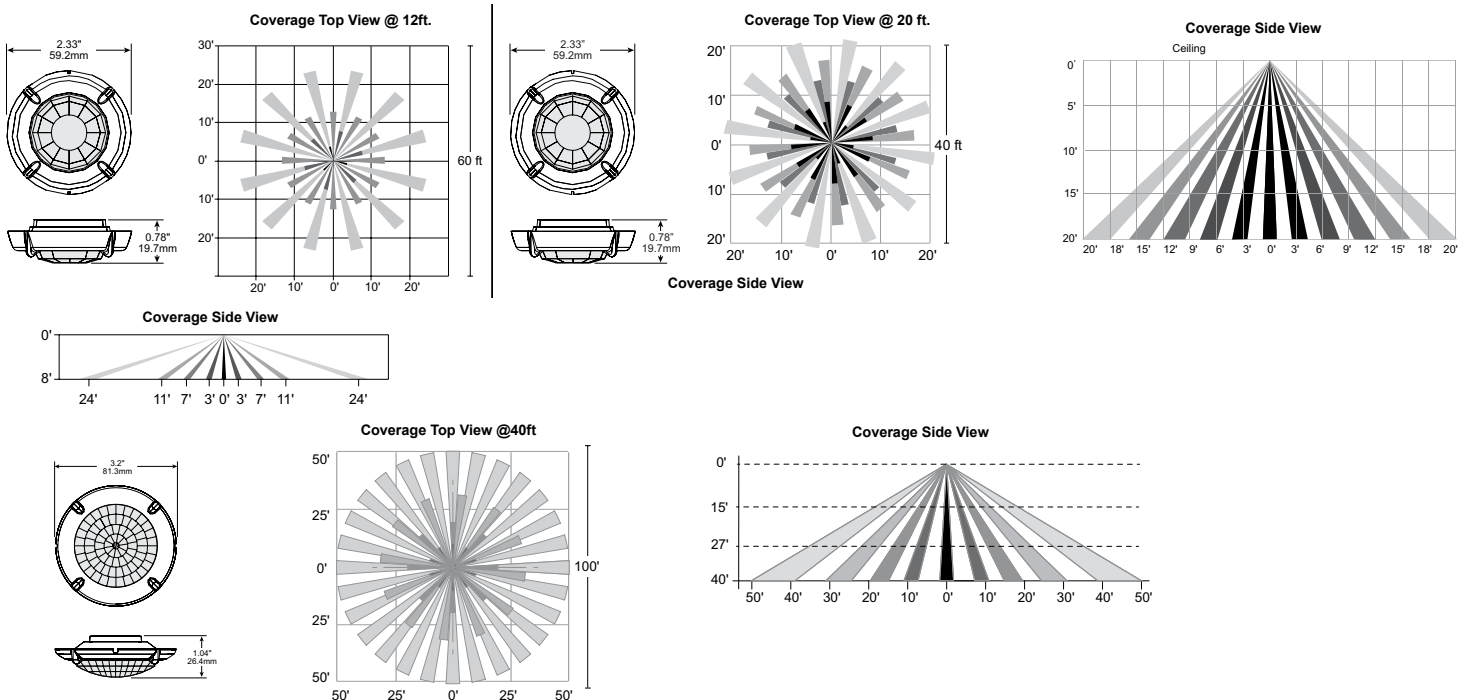


Google Play

OUTDOOR LIGHTING CONTROLS OPTIONS CONTROLS FUNCTIONALITY

Control Option Ordering Logic & Description	Control Option Functionality										Control Option Components
	Networkable	Grouping	Scheduling	Occupancy/Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
SCP_F Sensor Control Programmable, 8F or 40F	-	-	-	✓	✓	✓	✓	-	8ft or 40ft		SCP_F
ADD AutoDIM Timer Based Dimming	-	-	✓	-	-	-	✓	-	-		ADD
ADT AutoDIM Time of Day Dimming	-	-	✓	-	-	-	✓	-	-		ADT
7PR 7-Pin Receptacle	-	-	Paired with external control	-	Paired with external control	-	Paired with external control	-	-		7PR
7PR-SC 7-Pin Receptacle with shorting cap	-	-	-	-	-	-	-	-	-		7PR-SC
3PR 3-Pin twist lock	-	-	-	-	-	-	Paired with external control	-	-		3PR
3PR-SC 3-Pin Receptacle with shorting cap	-	-	-	-	-	-	-	-	-		3PR-SC
3PR-TL 3-Pin with photocontrol	-	-	-	-	✓	-	✓	-	-		3PR-TL

COVERAGE PATTERNS FOR SCP_F



VIPER Area/Site

VIPER LUMINAIRE

PROGRAMMED CONTROLS

ADD-AutoDim Timer Based Options

- Light delay options from 1-9 hours after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1-9 hours after the light has been dimmed previously.

EX: ADD-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	1-9 Hours	6 - Delay 6 hours
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50% brightness
Auto-Dim Return	Delay 0-9 Hours	R6 - Return to full output after 6 hours

ADT-AutoDim Time of Day Based Option

- Light delay options from 1AM-9PM after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1AM-9PM after the light has been dimmed previously.

EX: ADT-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	12-3 AM and 6-11 PM	6 - Dim at 6PM
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50%
Auto-Dim Return	12-6 AM and 9-11P	R6 - Return to full output at 6AM

ORDERING GUIDE

Auto Dim Code	Timer Base (ADD) Auto-Dim Options		Auto Dim Cod	Time of Day (ADT) Auto-Dim Options	Code	Auto-Dim Brightness	Code	Auto-Dim Return Options	Code	Auto-Dim Brightness
D1	Delay 1 hour	OR	T0	Delay Midnight	0	100% Brightness	R1	Delay 1 hour or 1 AM	0	100% Brightness
D2	Delay 2 hours		T1	Delay 1 AM	1	10% Brightness	R2	Delay 2 hours or 2 AM	1	10% Brightness
D3	Delay 3 hours		T2	Delay 2 AM	2	20% Brightness	R3	Delay 3 hours or 3 AM	2	20% Brightness
D4	Delay 4 hours		T3	Delay 3 AM	3	30% Brightness	R4	Delay 4 hours or 4 AM	3	30% Brightness
D5	Delay 5 hours		T4	Delay 10 PM	4	40% Brightness	R5	Delay 5 hours or 5 AM	4	40% Brightness
D6	Delay 6 hours		T5	Delay 11 PM	5	50% Brightness	R6	Delay 6 hours or 6 AM	5	50% Brightness
D7	Delay 7 hours		T6	Delay 6 PM	6	60% Brightness	R7	Delay 7 hours or 7 AM	6	60% Brightness
D8	Delay 8 hours		T7	Delay 7 PM	7	70% Brightness	R8	Delay 8 hours or 8 AM	7	70% Brightness
D9	Delay 9 hours		T8	Delay 8 PM	8	80% Brightness	R9	Delay 9 hours or 9 AM	8	80% Brightness
D0	Delay 0 hours		T9	Delay 9 PM	9	90% Brightness	R0	Delay 0 hours or 12 AM	9	90% Brightness

DELIVERED LUMENS

For delivered lumens, please see Lumens Data PDF on www.Currentlighting.com

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	0	25,000	*TM-21-11 36,000	50,000	100,000	Calculated L ₇₀ (Hours)
25°C / 77°F	1.00	0.97	0.96	0.95	0.91	408,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.89	356,000

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature			Micro Strike Lumen Multiplier				Strike Lumen Multiplier			
Ambient Temperature		Lumen Multiplier	CCT	70 CRI	80 CRI	90 CRI	CCT	70 CRI	80 CRI	90 CRI
0°C	32°F	1.03	2700K	-	0.841	-	2700K	0.9	0.81	0.62
10°C	50°F	1.01	3000K	0.977	0.861	0.647	3000K	0.933	0.853	0.659
20°C	68°F	1.00	3500K	-	0.900	-	3500K	0.959	0.894	0.711
25°C	77°F	1.00	4000K	1	0.926	0.699	4000K	1	0.9	0.732
30°C	86°F	0.99	5000K	1	0.937	0.791	5000K	1	0.9	0.732
40°C	104°F	0.98	AP-Amber Phosphor Converted Multiplier				Monochromatic Amber Multiplier			
			Amber	0.710			Amber	See Amber Spec Sheet		

VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: MICRO STRIKE

# OF LEDS	160						
NOMINAL WATTAGE	35	50	75	100	115	135	160
SYSTEM POWER (W)	34.9	50.5	72.1	97.2	111.9	132.2	157.8
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.29	0.42	0.63	0.83	0.96	1.13	1.33
208	0.17	0.24	0.36	0.48	0.55	0.65	0.77
240	0.15	0.21	0.31	0.42	0.48	0.56	0.67
277	0.13	0.18	0.27	0.36	0.42	0.49	0.58
347	0.10	0.14	0.22	0.29	0.33	0.39	0.46
480	0.07	0.10	0.16	0.21	0.24	0.28	0.33

# OF LEDS	320						
NOMINAL WATTAGE	145	170	185	210	235	255	315
SYSTEM POWER (W)	150	166.8	185.7	216.2	240.9	261.5	312
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	1.21	1.42	1.54	1.75	1.96	2.13	2.63
208	0.70	0.82	0.89	1.01	1.13	1.23	1.51
240	0.60	0.71	0.77	0.88	0.98	1.06	1.31
277	0.52	0.61	0.67	0.76	0.85	0.92	1.14
347	0.42	0.49	0.53	0.61	0.68	0.73	0.91
480	0.30	0.35	0.39	0.44	0.49	0.53	0.66

# OF LEDS	480					
NOMINAL WATTAGE	285	320	340	390	425	470
SYSTEM POWER (W)	286.2	316.7	338.4	392.2	423.2	468
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	2.38	2.67	2.83	3.25	3.54	3.92
208	1.37	1.54	1.63	1.88	2.04	2.26
240	1.19	1.33	1.42	1.63	1.77	1.96
277	1.03	1.16	1.23	1.41	1.53	1.70
347	0.82	0.92	0.98	1.12	1.22	1.35
480	0.59	0.67	0.71	0.81	0.89	0.98

# OF LEDS	720				
NOMINAL WATTAGE	435	475	515	565	600
SYSTEM POWER (W)	429.3	475	519.1	565.2	599.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	3.63	3.96	4.29	4.71	5.00
208	2.09	2.28	2.48	2.72	2.88
240	1.81	1.98	2.15	2.35	2.50
277	1.57	1.71	1.86	2.04	2.17
347	1.25	1.37	1.48	1.63	1.73
480	0.91	0.99	1.07	1.18	1.25

VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: STRIKE

# OF LEDS	36				
NOMINAL WATTAGE	39	55	85	105	120
SYSTEM POWER (W)	39.6	56.8	83.6	108.2	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.33	0.46	0.71	0.88	0.96
208	0.19	0.26	0.41	0.50	0.55
240	0.16	0.23	0.35	0.44	0.48
277	0.14	0.20	0.31	0.38	0.42
347	0.11	0.16	0.24	0.30	0.33
480	0.08	0.11	0.18	0.22	0.24

# OF LEDS	72				
NOMINAL WATTAGE	115	145	180	210	240
SYSTEM POWER (W)	113.7	143.2	179.4	210.2	241.7
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	1.00	1.21	1.50	1.75	1.79
208	0.58	0.70	0.87	1.01	1.03
240	0.50	0.60	0.75	0.88	0.90
277	0.43	0.52	0.65	0.76	0.78
347	0.35	0.42	0.52	0.61	0.62
480	0.25	0.30	0.38	0.44	0.45

# OF LEDS	108				
NOMINAL WATTAGE	215	250	280	325	365
SYSTEM POWER (W)	214.8	250.8	278.3	324.7	362.6
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	2.00	2.08	2.33	3.04	2.67
208	1.15	1.20	1.35	1.75	1.54
240	1.00	1.04	1.17	1.52	1.33
277	0.87	0.90	1.01	1.32	1.16
347	0.69	0.72	0.81	1.05	0.92
480	0.50	0.52	0.58	0.76	0.67

# OF LEDS	162					
NOMINAL WATTAGE	320	365	405	445	485	545
SYSTEM POWER (W)	322.1	362.6	403.6	445.1	487.1	543.9
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	2.71	2.67	3.38	3.71	4.04	4.54
208	1.56	1.54	1.95	2.14	2.33	2.62
240	1.35	1.33	1.69	1.85	2.02	2.27
277	1.17	1.16	1.46	1.61	1.75	1.97
347	0.94	0.92	1.17	1.28	1.40	1.57
480	0.68	0.67	0.84	0.93	1.01	1.14

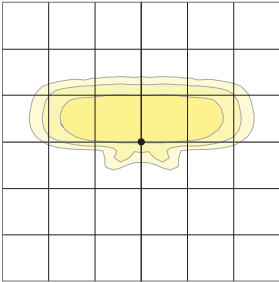
VIPER Area/Site

VIPER LUMINAIRE

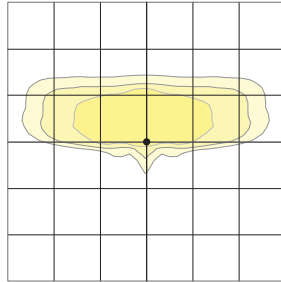
MICRO STRIKE PHOTOMETRY

The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

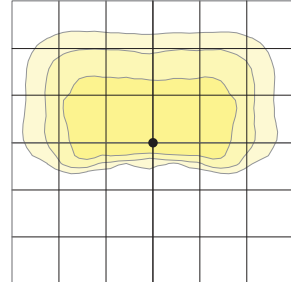
Type 2



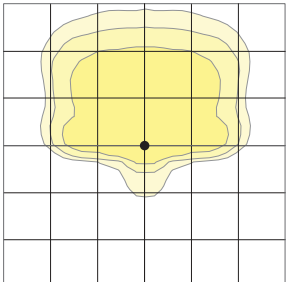
Type 3



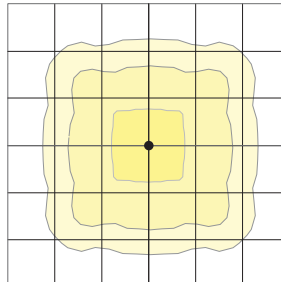
Type 4 Wide



Type 4F



Type 5QW



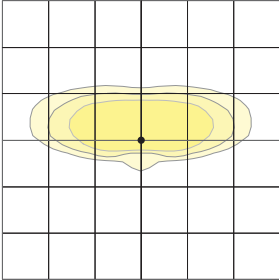
VIPER Area/Site

VIPER LUMINAIRE

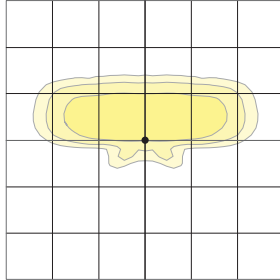
OPTIC STRIKE PHOTOMETRY

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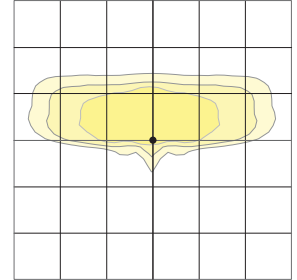
Type FR – Front Row/Auto Optic



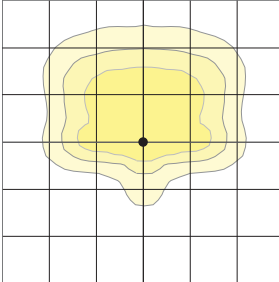
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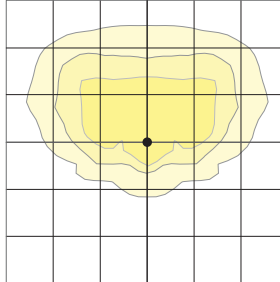
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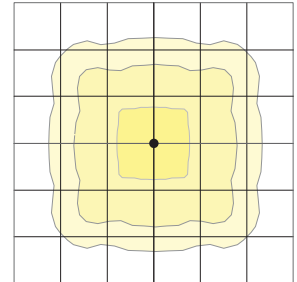
Type 4 Forward



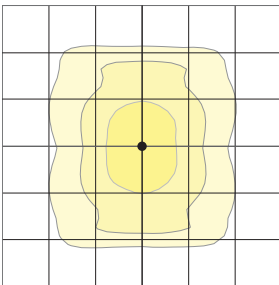
Type 4 Wide



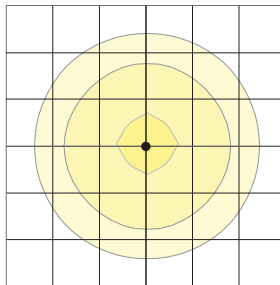
Type 5QM



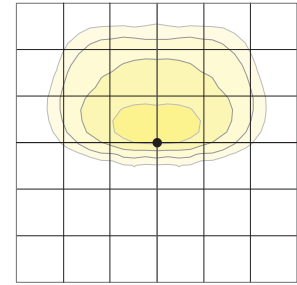
Type 5RW (rectangular)



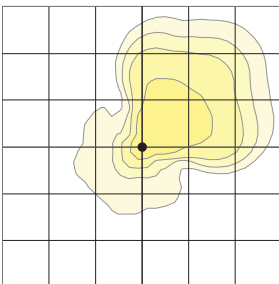
Type 5W (round wide)



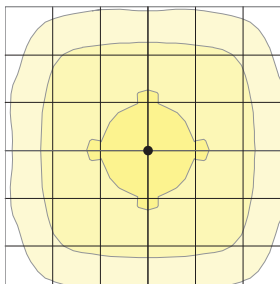
Type TC



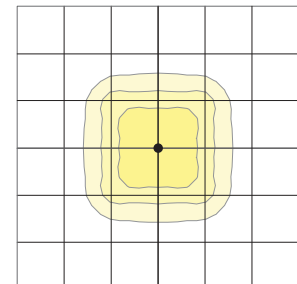
Type Corner



Type 5QW



Type 5QN

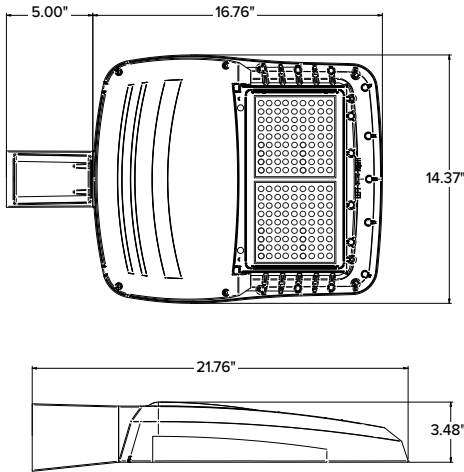


VIPER Area/Site

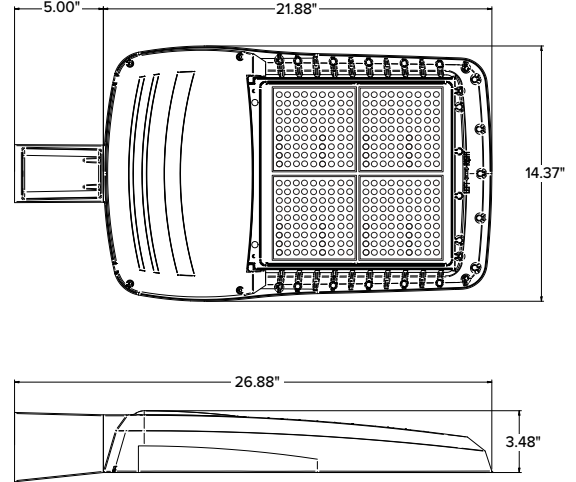
VIPER LUMINAIRE

DIMENSIONS

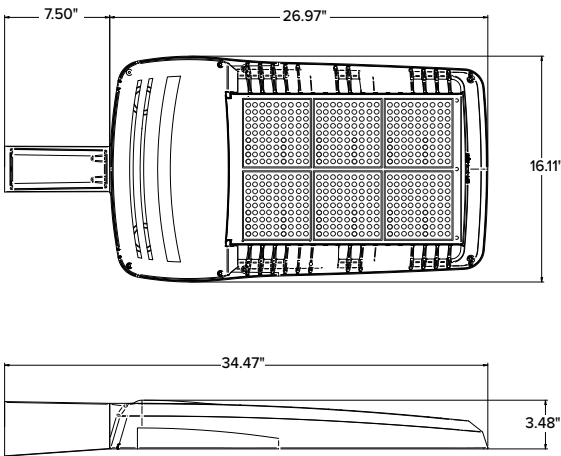
SIZE 1



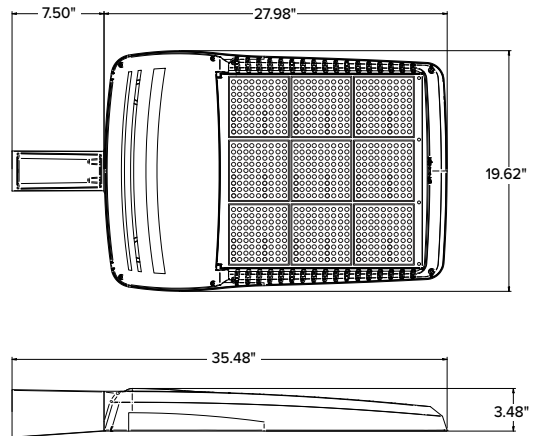
SIZE 2









SIZE 3



SIZE 4



	EPA				Config.
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

	Weight	
	lbs	kgs
VP1 (Size 1)	13.7	6.2
VP2 (Size 2)	16.0	7.26
VP3 (Size 3)	25.9	11.7
VP4 (Size 4)	30.8	13.9

VIPER Area/Site

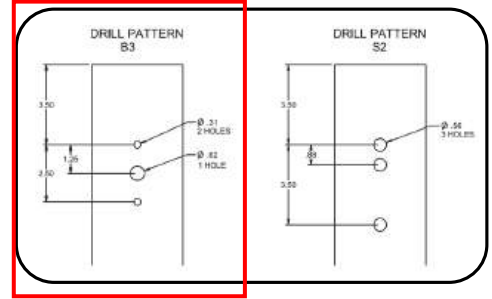
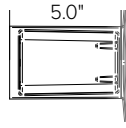
VIPER LUMINAIRE

MOUNTING



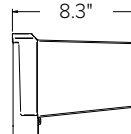
A-STRAIGHT ARM MOUNT

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)



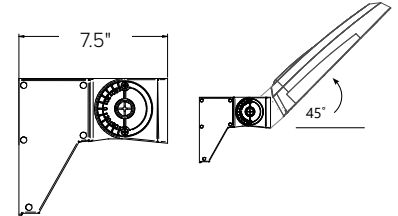
ASQU-UNIVERSAL ARM MOUNT

Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)



AAU-ADJUSTABLE ARM FOR POLE MOUNTING

Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5° aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



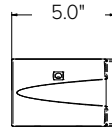
ADU-DECORATIVE UPSWEPT ARM

Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).



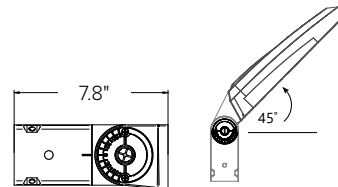
MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



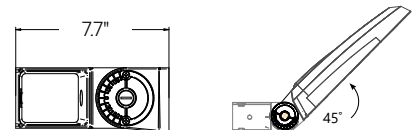
K-KNUCKLE

Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



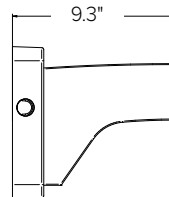
T-TRUNNION

Trunnion for surface and crossarm mounting using (1) 3/4" or (2) 1/2" size through bolts. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



WM-WALL MOUNT

Compatible with universal arm mount, adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative arm with an adjustable arm.



VIPER Area/Site

VIPER LUMINAIRE

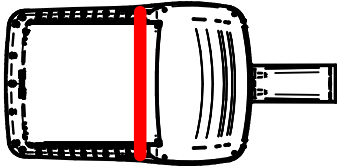
ADDITIONAL INFORMATION (CONTINUED)

HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

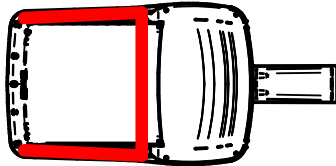
HSS has a depth of 5" for all Viper sizes

Not to be used with Occupancy Sensors as the shield may block the light to the sensor.

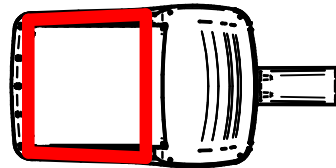
VPR2x HSS-90-B-xx



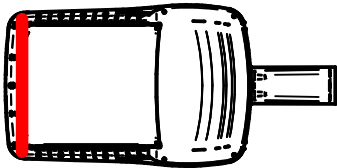
VPR2x HSS-270-BSS-xx



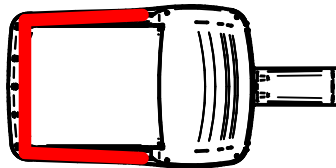
VPR2x HSS-360-xx



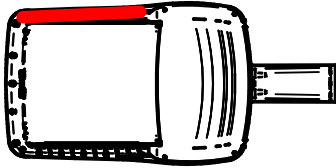
VPR2x HSS-90-F-xx



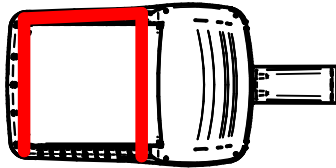
VPR2x HSS-270-FSS-xx



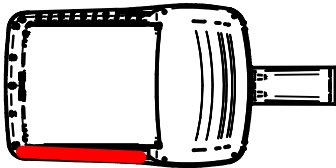
VPR2x HSS-90-S-xx



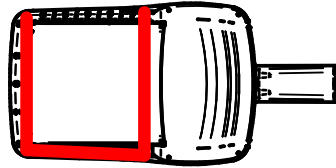
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



SSS-B Series Poles

SQUARE STRAIGHT STEEL

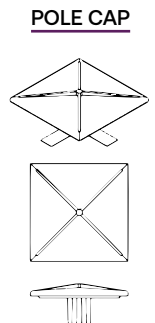
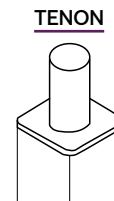
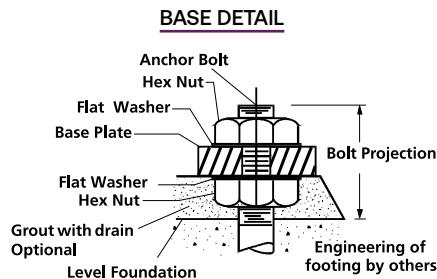
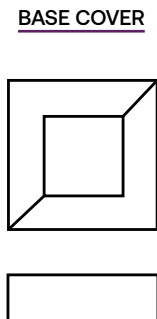
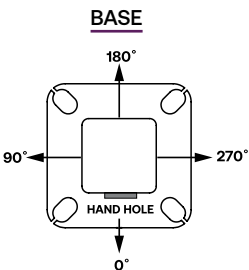
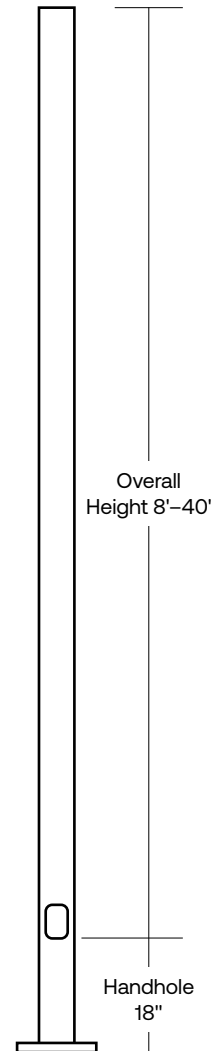
SPECIFICATIONS

CONSTRUCTION

- Shaft: One-piece straight steel with square cross section, flat sides and minimum 0.23" radius on all corners; Minimum yield of 46,000 psi (ASTM-A500, Grade B); Longitudinal weld seam to appear flush with shaft side wall; Steel base plate with axial bolt circle slots welded flush to pole shaft having minimum yield of 36,000 psi (ASTM A36)
- Base cover: Two-piece square aluminum base cover included standard
- Pole cap: Pole shaft supplied with removable cover when applicable; Tenon and post-top configurations also available
- Hand hole: Rectangular 3x5 steel hand hole frame (2.38" x 4.38" opening); Mounting provisions for grounding lug located behind gasketed cover
- Anchor bolts: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling
 - Anchor bolt part numbers: 3/4 x 30 x 3 — TAB-30-M38
1 x 36 x 4 — TAB-36-M38
- Durable thermoset polyester powder coat paint finish with nominal 3.0 mil thickness
- Powder paint prime applied over "white metal" steel substrate cleaned via mechanical shot blast method
- Decorative finish coat available in multiple standard colors; Custom colors available; RAL number preferable

INSTALLATION

- Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location



SSS-B Series Poles

SQUARE STRAIGHT STEEL

ORDERING INFORMATION

Example: SSS-B-25-40-A-2L-S2-DBT-UL

SSS-B Series	Height	Shaft	Thickness	Mounting	Drill Pattern	Finish	Options
SSS-B Square Straight Steel Pole Beacon	Reference page 3 Ordering matrix 12'-6"	Reference page 3 Ordering matrix 40	Reference page 3 Ordering matrix A - .125" Wall B - .188" Wall C - .250" Wall	1 Single arm mount 2 Two fixtures at 180° 2L Two fixtures at 90° 3T Three fixtures at 90° 4 Four fixtures at 90° TA Tenon (2.38" OD x 4" Tall) TB Tenon (2.88" OD x 4" Tall) TC Tenon (3.5" OD x 6" Tall) TR ¹ Removable Tenon (2.375" x 4.25") OT Open Top (includes pole cap)	B1 Cruiser, "AM" arm B3 2 bolt (2-1/2" spacing), Viper "A" arm S2 2 bolt (3-1/2" spacing), Viper "AD" arm UDP Universal Drill Pattern	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGT Light Grey Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VG Verde Green Textured Color Option CC Custom Color ²	GFI ³ 20 Amp GFCI Receptacle and Cover EHH ³ Extra Handhole C05 ³ 5" Coupling C07 ³ .75" Coupling C20 ³ 2" Coupling MPB ³ Mid-pole Luminaire Bracket VM1 ⁴ Mode vibration dampener VM2 ⁵ 2nd mode vibration dampener LAB Less Anchor Bolts UL UL Certified

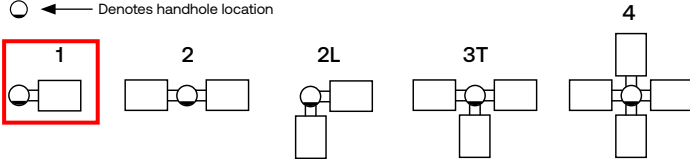
Accessories (Order Separately)

- VM2S08 Field-installed 2nd mode vibration dampener - 8 ft
- VM2S12 Field-installed 2nd mode vibration dampener - 12 ft
- VM2S16 Field-installed 2nd mode vibration dampener - 16 ft
- VM2S20 Field-installed 2nd mode vibration dampener - 20 ft
- VM2S25 Field-installed 2nd mode vibration dampener - 25 ft

- 1 Removable tenon used in conjunction with side arm mounting. First specify desired arm configuration followed by the "TR" notation. Example: SSS-B-25-40-A-1-B1-TR-BBTT.
- 2 Custom colors available; RAL number preferable
- 3 Specify option location using logic found on page 3 (Option Orientation).
- 4 VM1 recommended on poles 20' and taller with EPA of less than 1.
- 5 There will be a weld witness mark on the side of the pole with the Factory installed VM2

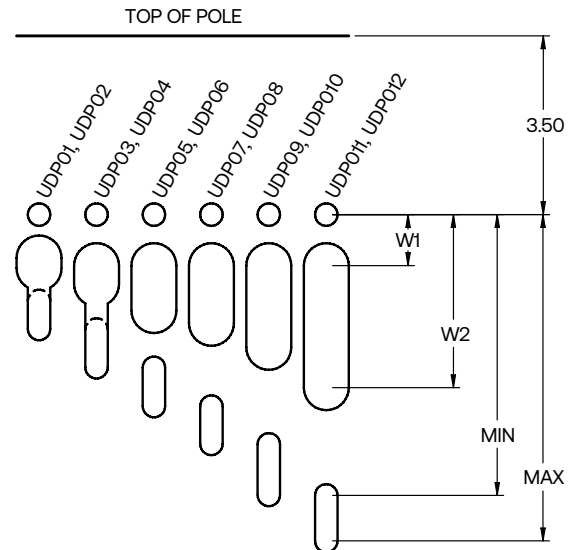
MOUNTING ORIENTATION

○ ← Denotes handhole location



DRILL PATTERNS

UNIVERSAL DRILL PATTERN (UDP)



Two Bolt Mounting with Center Wireway						
Mounting Hardware	Universal Mounting Patterns					
3/8" or less	UDP01	UDP03	UDP05	UDP07	UDP09	UDP011
7/8" to 1/2"	UDP02	UDP04	UDP06	UDP08	UDP10	UDP012
"Min" Attachment Dimension	1.69	2.25	3.00	3.76	4.50	5.50
"Max" Attachment Dimension	2.24	2.99	3.75	4.49	5.49	6.00
W1 (Wireway min)	0.85	1.00	1.00	1.00	1.00	1.00
W2 (Wireway max)	1.05	1.36	1.88	2.13	2.60	3.00

SSS-B Series Poles

SQUARE STRAIGHT STEEL

ORDERING INFORMATION (CONTINUED)

CATALOG NUMBER	HEIGHT		NOMINAL SHAFT DIMENSIONS	WALL THICKNESS	BOLT CIRCLE (SUGGESTED)	BOLT CIRCLE (RANGE)	BASE PLATE SQUARE	ANCHOR BOLT SIZE	BOLT PROJECTION	POLE WEIGHT (LBS)
	FEET	METERS								
SSS-B-10-40-A-XX-XX	10	3.0	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	77
SSS-B-12-40-A-XX-XX	12	3.7	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	90
SSS-B-14-40-A-XX-XX	14	4.3	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	103
SSS-B-16-40-A-XX-XX	16	4.9	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	116
SSS-B-18-40-A-XX-XX	18	5.5	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	129
SSS-B-20-40-A-XX-XX	20	6.1	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	142
SSS-B-25-40-A-XX-XX	25	7.6	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	175
SSS-B-14-40-B-XX-XX	14	4.3	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	152
SSS-B-16-40-B-XX-XX	16	4.9	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	171
SSS-B-18-40-B-XX-XX	18	5.5	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	190
SSS-B-20-40-B-XX-XX	20	6.1	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	209
SSS-B-25-40-B-XX-XX	25	7.6	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	257
SSS-B-30-40-B-XX-XX	30	9.1	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	304
SSS-B-16-50-B-XX-XX	16	4.9	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	219
SSS-B-18-50-B-XX-XX	18	5.5	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	243
SSS-B-20-50-B-XX-XX	20	6.1	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	267
SSS-B-25-50-B-XX-XX	25	7.6	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	327
SSS-B-30-50-B-XX-XX	30	9.1	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	387
SSS-B-25-50-C-XX-XX	25	7.6	5" square	.25"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	427
SSS-B-30-50-C-XX-XX	30	9.1	5" square	.25"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	507
SSS-B-20-60-B-XX-XX	20	6.1	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	329
SSS-B-25-60-B-XX-XX	25	7.6	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	404
SSS-B-30-60-B-XX-XX	30	9.1	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	479
SSS-B-35-60-B-XX-XX	35	10.7	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	554
SSS-B-40-60-B-XX-XX	40	12.2	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	629

- Notes:**
- Factory supplied template must be used when setting anchor bolts. Current will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.
 - For more information about pole vibration and vibration dampeners, please consult factory.
 - Unwrap poles immediately upon receipt to avoid condensation build up and possible corrosion.
 - There will be a weld witness mark on the side of the pole with the Factory installed VM2.

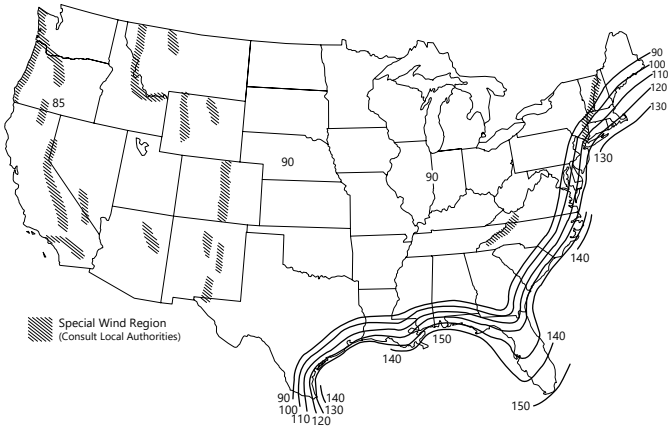
<p>EHH Extra handhole</p> <p>Provision for Grounding</p>	<p>C05 / C07 / C20 Coupling</p> <p>2" -11.5 NPSC Threads 3/4" - 14 NPSC Threads 1/2" - 14 NPSC Threads</p>	<p>VM1 1st mode vibration dampener</p> <p>Field Installed Pole Top dampener designed to reduce pole top deflection or sway. VM1 is recommended for pole systems 25' and taller with a total EPA of 1.0 or less.</p>	<p>VM2¹ 2nd mode vibration dampener</p> <p>Factory installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.</p>	<p>VM2SXX Field-installed 2nd mode vibration dampener</p> <p>VM2S08 - 8' VM2S12 - 12' VM2S16 - 16' VM2S20 - 20' VM2S24 - 24'</p> <p>Field installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.</p>
<p>GFI 20 Amp GCFI Receptacle & Cover</p>	<p>MPB Mid Pole Bracket</p>	<p>Option Orientation</p> <p>Follow the logic below when ordering location specific options. For each option, include its orientation (in degrees) and its height (in feet).</p> <p>Example: Option C05 should be ordered as: SSS-B-20-40-A-TA-DBT-C05-0-15 (5" coupling on the handhole/arm side of pole, 15' up from the pole base) 1' spacing required between option. Consult factory for other configurations.</p> <p>Height of option in feet</p>		

SSS-B Series Poles

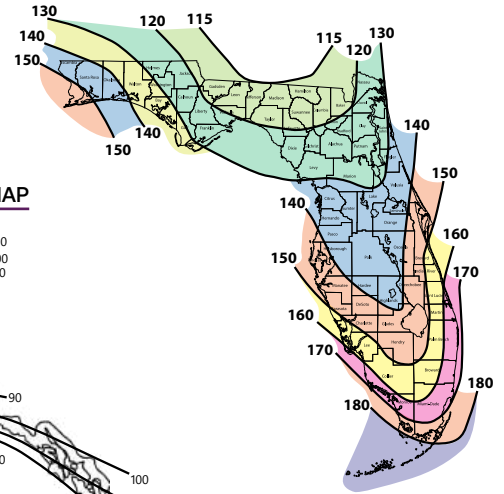
SQUARE STRAIGHT STEEL

WIND MAPS

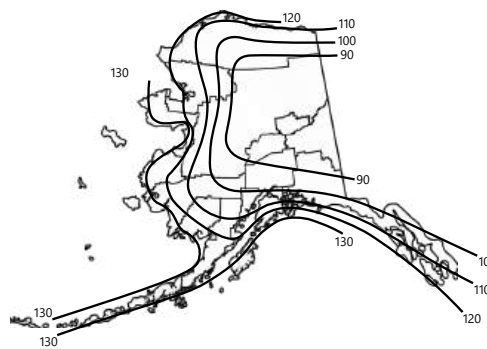
ASCE7-05 WIND MAP



FLORIDA REGION WIND MAP



ALASKA REGION WIND MAP



HAWAII – 105 mph
PUERTO RICO – 145 mph

*Printed with permission from ASCE

Florida region wind map above is based upon 3-second gust winds and the 2017 Florida Building Code.

ASCE 7-05 wind map EPA Load Rating - 3 second gust wind speeds
(Use for all locations except Florida)

Catalog Number	85	90	100	105	110	120	130	140	145	150
SSS-B-10-40-A	25.0	25.0	25.0	22.8	20.6	17.0	14.2	11.9	11.0	10.1
SSS-B-12-40-A	25.0	25.0	20.0	18.0	16.1	13.2	10.8	8.9	8.1	7.4
SSS-B-14-40-A	23.1	20.4	16.1	14.3	12.8	10.2	8.2	6.6	5.9	5.3
SSS-B-16-40-A	19.0	16.7	13.0	11.5	10.1	7.9	6.2	4.7	4.1	3.6
SSS-B-18-40-A	15.6	13.6	10.0	9.0	7.8	5.9	4.4	3.1	2.6	2.1
SSS-B-20-40-A	12.7	10.9	7.9	6.9	5.9	4.2	2.8	1.7	1.3	0.9
SSS-B-25-40-A	7.3	5.9	3.8	2.9	2.1	0.8	NR	NR	NR	NR
SSS-B-14-40-B	25.0	25.0	23.3	20.8	18.6	15.1	12.3	10.2	9.2	8.4
SSS-B-16-40-B	25.0	24.9	19.4	17.3	15.4	12.3	9.9	8.0	7.2	6.4
SSS-B-18-40-B	24.0	20.8	16.1	14.2	12.5	9.8	7.7	6.1	5.3	4.7
SSS-B-20-40-B	20.2	17.5	13.2	11.6	10.1	7.7	5.9	4.4	3.8	3.2
SSS-B-25-40-B	12.8	11.0	7.9	6.7	5.5	3.7	2.3	1.2	0.7	NR
SSS-B-30-40-B	8.0	6.6	4.1	3.1	2.2	0.8	NR	NR	NR	NR
SSS-B-16-50-B	25.0	25.0	25.0	25.0	24.8	20.1	16.5	13.6	12.3	11.2
SSS-B-18-50-B	25.0	25.0	25.0	22.9	20.4	16.4	13.2	10.7	9.6	8.6
SSS-B-20-50-B	25.0	25.0	21.3	18.9	16.7	13.2	10.4	8.1	7.2	6.3
SSS-B-25-50-B	20.7	17.8	13.3	11.5	9.8	7.2	5.0	3.3	2.6	1.9
SSS-B-30-50-B	13.5	11.3	7.7	6.2	4.9	2.8	1.1	NR	NR	NR
SSS-B-25-50-C	25.0	25.0	19.4	17.1	15.1	11.7	9.0	6.9	6.0	5.1
SSS-B-30-50-C	20.1	17.3	12.7	10.9	9.3	6.6	4.5	2.8	2.1	1.4
SSS-B-20-60-B	25.0	25.0	25.0	25.0	25.0	20.2	16.1	12.9	11.5	10.3
SSS-B-25-60-B	25.0	25.0	20.6	18.0	15.6	11.8	8.7	6.2	5.2	4.2
SSS-B-30-60-B	21.4	18.1	12.9	10.7	8.8	5.7	3.3	1.3	NR	NR
SSS-B-35-60-B	14.0	11.3	6.9	5.2	3.6	1.0	NR	NR	NR	NR
SSS-B-40-60-B	8.1	5.8	2.2	nr	NR	NR	NR	NR	NR	NR

Florida Building Code 2017 EPA Load Rating - 3 second gust wind speeds
(Use for Florida only)

Catalog Number	115	120	130	140	150	160	170	180
SSS-B-10-40-A	25.0	25.0	25.0	25.0	21.4	18.4	15.9	13.9
SSS-B-12-40-A	25.0	25.0	23.6	19.8	16.7	14.2	12.1	10.4
SSS-B-14-40-A	25.0	23.1	19.0	15.7	13.1	10.9	9.1	7.6
SSS-B-16-40-A	20.8	18.7	15.2	12.3	10.1	8.2	6.7	5.4
SSS-B-18-40-A	16.8	15.0	11.9	9.4	7.5	5.9	4.5	3.4
SSS-B-20-40-A	13.6	11.9	9.2	7.1	5.3	3.9	2.7	1.7
SSS-B-25-40-A	7.4	6.2	4.1	2.5	1.1	NR	NR	NR
SSS-B-14-40-B	25.0	23.6	19.4	16.1	13.4	11.2	9.4	7.8
SSS-B-16-40-B	21.4	19.2	15.6	12.7	10.4	8.5	6.9	5.6
SSS-B-18-40-B	17.2	15.4	12.2	9.7	7.7	6.1	4.7	3.6
SSS-B-20-40-B	13.9	12.3	9.5	7.3	5.5	4.1	2.9	1.9
SSS-B-25-40-B	7.7	6.4	4.3	2.6	1.3	NR	NR	NR
SSS-B-30-40-B	3.2	2.1	NR	NR	NR	NR	NR	NR
SSS-B-16-50-B	25.0	25.0	25.0	25.0	25.0	21.4	18.2	15.5
SSS-B-18-50-B	25.0	25.0	25.0	24.4	20.4	17.0	14.2	11.9
SSS-B-20-50-B	25.0	25.0	24.4	19.9	16.3	13.4	11.0	8.9
SSS-B-25-50-B	21.8	19.3	15.0	11.5	8.8	6.5	4.7	3.1
SSS-B-30-50-B	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR
SSS-B-25-50-C	21.8	19.3	15.0	11.5	8.8	6.5	4.7	3.1
SSS-B-30-50-C	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR
SSS-B-20-60-B	25.0	25.0	25.0	21.9	17.8	14.5	11.7	9.4
SSS-B-25-60-B	23.8	20.9	16.1	12.3	9.2	6.6	4.5	2.8
SSS-B-30-60-B	14.6	12.3	8.4	5.3	2.8	0.8	NR	NR
SSS-B-35-60-B	7.5	5.6	2.4	NR	NR	NR	NR	NR
SSS-B-40-60-B	1.8	NR	NR	NR	NR	NR	NR	NR

SSS-B Series Poles

SQUARE STRAIGHT STEEL

NOTES

Wind-speed Website disclaimer:

Current has no connection to the linked website and makes no representations as to its accuracy. While the information presented on this third party website provides a useful starting point for analyzing wind conditions, Current has not verified any of the information on this third party website and assumes no responsibility or liability for its accuracy. The material presented in the windspeed website should not be used or relied upon for any specific application without competent examination and verification of its accuracy, suitability and applicability by engineers or other licensed professionals. Current does not intend that the use of this information replace the sound judgment of such competent professionals, having experience and knowledge in the field of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the results of the windspeed report provided by this website. Users of the information from this third party website assume all liability arising from such use. Use of the output of these referenced websites do not imply approval by the governing building code bodies responsible for building code approval and interpretation for the building site described by latitude/longitude location in the windspeed report. <http://windspeed.atcouncil.org>

- Allowable EPA, to determine max pole loading weight, multiply allowable EPA by 30 lbs.
- The tables for allowable pole EPA are based on the ASCE 7-05 Wind Map or the Florida Region Wind Map for the 2010 Florida Building Code. The Wind Maps are intended only as a general guide and cannot be used in conjunction with other maps. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than the total EPA for fixtures, arms, and accessories to be assembled to the pole. Responsibility lies with the specifier for correct pole selection. Installation of poles without luminaires or attachment of any unauthorized accessories to poles is discouraged and shall void the manufacturer's warranty
- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider vibration and coefficient of height factors beyond this general guide; Consult local and federal standards
- Wind Induced Vibration brought on by steady, unidirectional winds and other unpredictable aerodynamic forces are not included in wind velocity ratings. Consult Current Lighting's Pole Vibration Application Guide for environmental risk factors and design considerations.
- Extreme Wind Events like, Hurricanes, Typhoons, Cyclones, or Tornadoes may expose poles to flying debris, wind shear or other detrimental effects not included in wind velocity ratings

BLD 8" BOLLARD

DESCRIPTION

naturaLED® BLD bright pathway lighting is important for the safety of pedestrian foot traffic. Ensuring that sidewalks and pavement are well lit reduces the risk of people tripping and falling. The superior quality of our DLC Bollard light fixture provides glare-free lighting that replaces 100 watt metal halide fixtures and produces 2000 lumens.



APPLICATIONS

Security, Pathway, Perimeter, Entryway, Area Lighting



Rated Life 50,000 Hours
Warranty 5 Years

FEATURES

- DLC Standard
- IP65 Rated
- ETL Listed
- Selectable Wattages
- Color Temp: 4000K, 5000K
- Voltage: 120-277V
- Surge Protection: 2KV
- Power factor: >0.9
- CRI: >80
- Beam Angle: 360°
- Operating temperature: -22°F - 122°F
- Energy savings up to 80% compared to metal halide bollards
- Customizable wattage allows flexibility for user's needs
- 8" diameter makes easy replacement for traditional bollards
- Material: Die Cast Aluminum
- Extruded Aluminum Body
- Lens: UV resistant polycarbonate lens
- Available in 4 configurations: cone, louvers, type 3, frosted lens
- Colors: Black or Bronze
- 5Year Warranty



SAMPLE NUMBER LED-FX8BLD18/42FCN/840/BK

STYLE	FAMILY	DIAMETER	SERIES	WATTAGE	LENGTH/SHAPE	CRI/COLOR TEMP	COLOR
LED	FX	8	BLD	18	42FCN	840	BK
LED Lighting	Fixture	8-inch	Bollard	Selectable Wattage <18	42 inch FCN - Flat Reflector FFR - Frosted FLV- Flat Louver Reflector FT3- Type 3	CRI 80 4000K	Black



ORDERING

*P= Premium DLC / *S = Standard DLC / *E = Energy Star

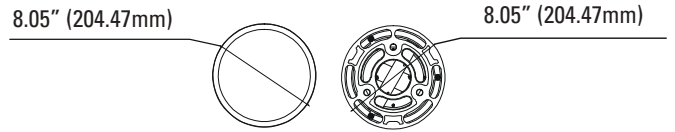
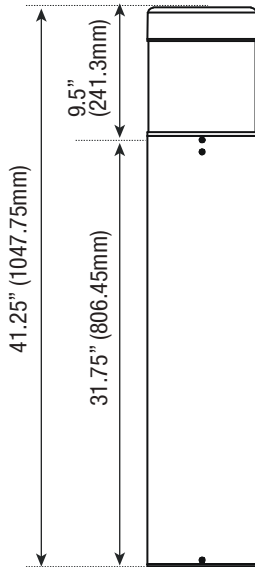
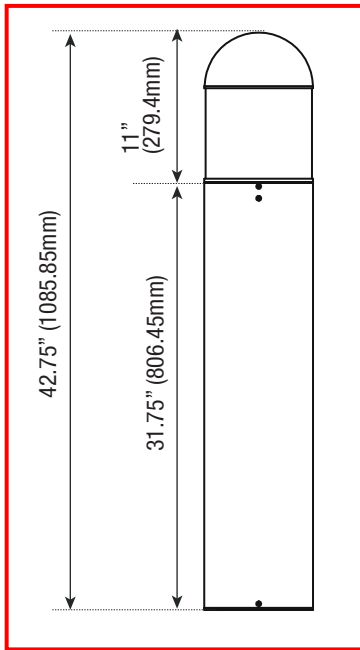
	Watts (W)	Ordering Code	Description	CCT (K)	Lumens (Lm)	Color	Beam Angle	IP65 Rated	DLC (S/P)
Flat	9/13/18	9326	LED-FX8BLD18/42FCN/840/BK	4000K	1000/1500/2000	Black	360°	•	S
	9/13/18	9327	LED-FX8BLD18/42FCN/850/BK	5000K	1000/1500/2000	Black	360°	•	S
	9/13/18	9328	LED-FX8BLD18/42FLV/840/BK	4000K	750/1100/1566	Black	360°	•	-
	9/13/18	9329	LED-FX8BLD18/42FLV/850/BK	5000K	750/1100/1566	Black	360°	•	-
	9/13/18	9332	LED-FX8BLD18/42FFR/840/BK	4000K	800/1200/1622	Black	Frosted	•	-
	9/13/18	9333	LED-FX8BLD18/42FFR/850/BK	5000K	800/1200/1622	Black	Frosted	•	-
	9/13/18	9330	LED-FX8BLD18/42FT3/840/BK	4000K	700/1000/1464	Black	Type 3	•	-
	9/13/18	9331	LED-FX8BLD18/42FT3/850/BK	5000K	700/1000/1464	Black	Type 3	•	-
	9/13/18	9334	LED-FX8BLD18/42FCN/840/BZ	4000K	1000/1500/2000	Bronze	360°	•	S
	9/13/18	9335	LED-FX8BLD18/42FCN/850/BZ	5000K	1000/1500/2000	Bronze	360°	•	S
	9/13/18	9336	LED-FX8BLD18/42FLV/840/BZ	4000K	750/1100/1566	Bronze	360°	•	-
	9/13/18	9337	LED-FX8BLD18/42FLV/850/BZ	5000K	750/1100/1566	Bronze	360°	•	-
	9/13/18	*9340	LED-FX8BLD18/42FFR/840/BZ	4000K	800/1200/1622	Bronze	Frosted	•	-
	9/13/18	*9341	LED-FX8BLD18/42FFR/850/BZ	5000K	800/1200/1622	Bronze	Frosted	•	-
	9/13/18	*9338	LED-FX8BLD18/42FT3/840/BZ	4000K	700/1000/1464	Bronze	Type 3	•	-
	9/13/18	*9339	LED-FX8BLD18/42FT3/850/BZ	5000K	700/1000/1464	Bronze	Type 3	•	-
Round	9/13/18	9374	LED-FX8BLD18/42RCN/840/BK	4000K	1000/1500/2000	Black	360°	•	S
	9/13/18	9375	LED-FX8BLD18/42RCN/850/BK	5000K	1000/1500/2000	Black	360°	•	S
	9/13/18	9376	LED-FX8BLD18/42RLV/840/BK	4000K	750/1100/1566	Black	360°	•	-
	9/13/18	9377	LED-FX8BLD18/42RLV/850/BK	5000K	750/1100/1566	Black	360°	•	-
	9/13/18	9380	LED-FX8BLD18/42RFR/840/BK	4000K	750/1100/1566	Black	Frosted	•	-
	9/13/18	*9381	LED-FX8BLD18/42RFR/850/BK	5000K	750/1100/1566	Black	Frosted	•	-
	9/13/18	9378	LED-FX8BLD18/42RT3/840/BK	4000K	700/1000/1464	Black	Type 3	•	-
	9/13/18	*9379	LED-FX8BLD18/42RT3/850/BK	5000K	700/1000/1464	Black	Type 3	•	-
	9/13/18	9382	LED-FX8BLD18/42RCN/840/BZ	4000K	1000/1500/2000	Bronze	360°	•	S
	9/13/18	9383	LED-FX8BLD18/42RCN/850/BZ	5000K	1000/1500/2000	Bronze	360°	•	S
	9/13/18	9384	LED-FX8BLD18/42RLV/840/BZ	4000K	750/1100/1566	Bronze	360°	•	-
	9/13/18	*9385	LED-FX8BLD18/42RLV/850/BZ	5000K	750/1100/1566	Bronze	360°	•	-
	9/13/18	*9388	LED-FX8BLD18/42RFR/840/BZ	4000K	750/1100/1566	Bronze	Frosted	•	-
	9/13/18	*9389	LED-FX8BLD18/42RFR/850/BZ	5000K	750/1100/1566	Bronze	Frosted	•	-
	9/13/18	*9386	LED-FX8BLD18/42RT3/840/BZ	4000K	700/1000/1464	Bronze	Type 3	•	-
	9/13/18	*9387	LED-FX8BLD18/42RT3/850/BZ	5000K	700/1000/1464	Bronze	Type 3	•	-

*Special Order for lead time

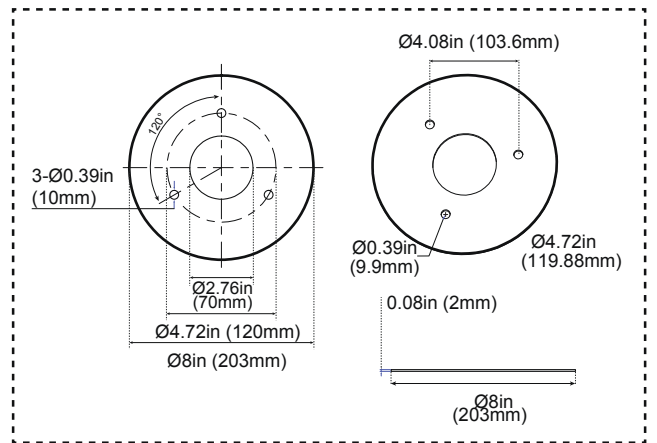
DIMENSIONS

Round
16.36-lbs

Flat
16.00-lbs



Bolt Pattern Dimensions



STYLE



Flat Cone Reflector
Model: FCN



Flat Type 3
Model: FT3



Flat Louver Reflector
Model: FLV



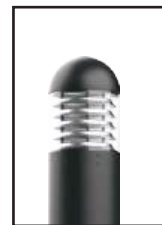
Flat Frosted Lens
Model: FFR



Round Cone Reflector
Model: RCN



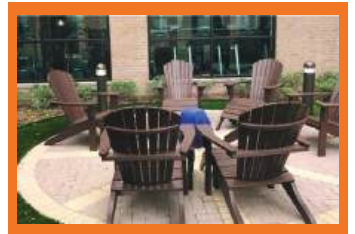
Round Type 3
Model: RT3



Round Louver Reflector
Model: RLV

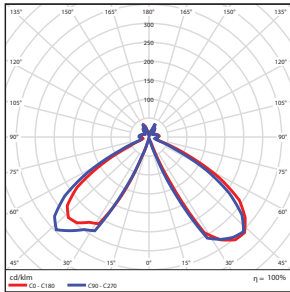


Round Frosted Lens
Model: RFR



PHOTOMETRICS CHART

Cone Reflector (Flat -8")
DLC Standard

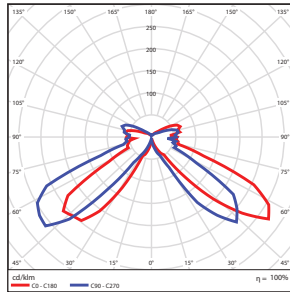


Illuminance at a Distance

Center Beam Fc	Beam Width
2.6 ft	1.06 fc
5.0 ft	0.27 fc
7.5 ft	0.12 fc
10.0 ft	0.07 fc
12.5 ft	0.04 fc
15.0 ft	0.03 fc

Vert. Spread: 104.8°
Horiz. Spread: 46.0°

Louver (Flat-8")

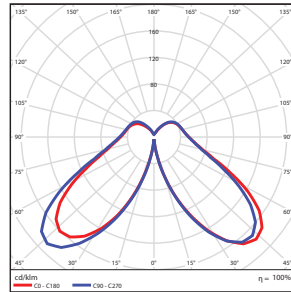


Illuminance at a Distance

Center Beam Fc	Beam Width
2.6 ft	0.81 fc
5.0 ft	0.20 fc
7.5 ft	0.09 fc
10.0 ft	0.05 fc
12.5 ft	0.03 fc
15.0 ft	0.02 fc

Vert. Spread: 25.3°
Horiz. Spread: 91.7°

Frosted Lens (Flat-8")

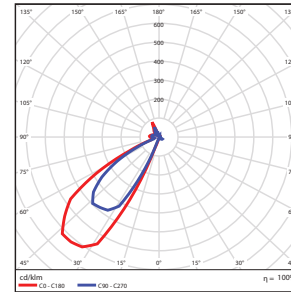


Illuminance at a Distance

Center Beam Fc	Beam Width
2.6 ft	0.72 fc
5.0 ft	0.18 fc
7.5 ft	0.08 fc
10.0 ft	0.05 fc
12.5 ft	0.03 fc
15.0 ft	0.02 fc

Vert. Spread: 119.3°
Horiz. Spread: 126.3°

Type 3 (Flat-8")

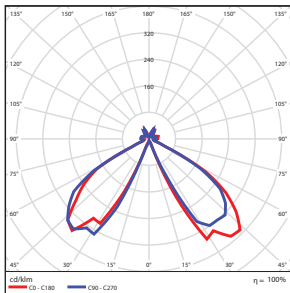


Illuminance at a Distance

Center Beam Fc	Beam Width
2.6 ft	0.68 fc
5.0 ft	0.17 fc
7.5 ft	0.08 fc
10.0 ft	0.04 fc
12.5 ft	0.03 fc
15.0 ft	0.02 fc

Vert. Spread: 44.2°
Horiz. Spread: 95.2°

Cone Reflector (Round -8")
DLC Standard

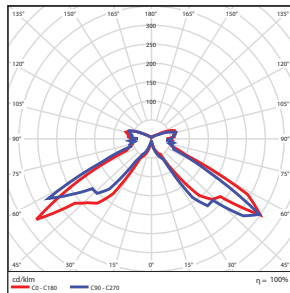


Illuminance at a Distance

Center Beam Fc	Beam Width
2.6 ft	1.65 fc
5.0 ft	0.41 fc
7.5 ft	0.18 fc
10.0 ft	0.10 fc
12.5 ft	0.07 fc
15.0 ft	0.05 fc

Vert. Spread: 36.8°
Horiz. Spread: 99.4°

Louver (Round-8")

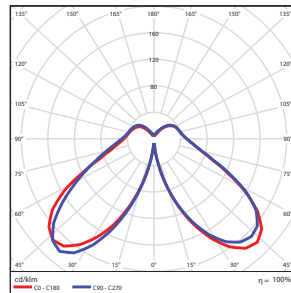


Illuminance at a Distance

Center Beam Fc	Beam Width
2.6 ft	1.27 fc
5.0 ft	0.32 fc
7.5 ft	0.14 fc
10.0 ft	0.08 fc
12.5 ft	0.05 fc
15.0 ft	0.04 fc

Vert. Spread: 100.1°
Horiz. Spread: 99.9°

Frosted Lens (Round-8")

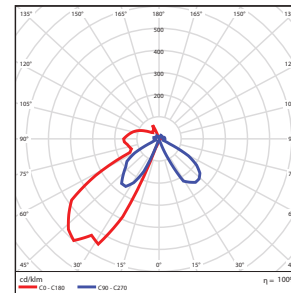


Illuminance at a Distance

Center Beam Fc	Beam Width
2.6 ft	1.54 fc
5.0 ft	0.39 fc
7.5 ft	0.17 fc
10.0 ft	0.10 fc
12.5 ft	0.05 fc
15.0 ft	0.04 fc

Vert. Spread: 119.7°
Horiz. Spread: 127.2°

Type 3 (Round-8")



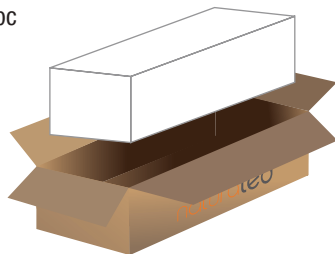
Illuminance at a Distance

Center Beam Fc	Beam Width
2.6 ft	1.12 fc
5.0 ft	0.28 fc
7.5 ft	0.12 fc
10.0 ft	0.07 fc
12.5 ft	0.04 fc
15.0 ft	0.03 fc

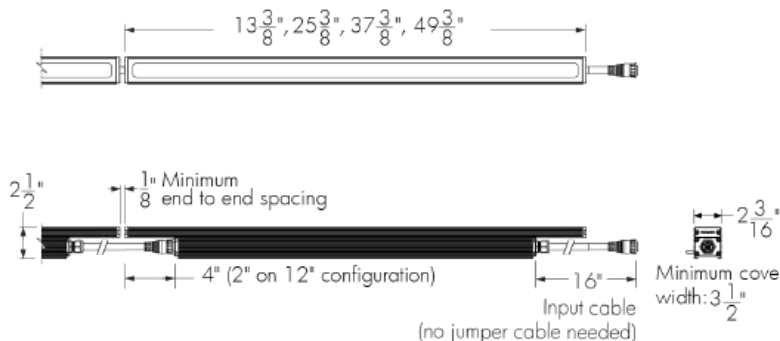
Vert. Spread: 36.6°
Horiz. Spread: 88.2°

PACKAGE

Case Qty 1 pc



Type: OG1
Project: Rogers Behavioral Health Cedar Ridge
Catalog#: (1)LXTHO-120-48-40K-UMAS-BRZ-DIM



Top view

Front and side views

Photometric summary

RO - Regular output [2]

CCT	Delivered Output [lm]	Power [W]	Efficacy [lm/W]
2200K	1279	19	67
2700K	1817	19	96
3000K	1859	19	98
3500K	1943	19	102
4000K	2065	19	109

HO - High output [2]

CCT	Delivered Output [lm]	Power [W]	Efficacy [lm/W]
2200K	2608	39	67
2700K	3701	39	95
3000K	3785	39	97
3500K	3954	39	101
4000K	4206	39	108

Photometric performance is measured in compliance with IESNA LM-79-08.

[1] Use 0.25 multiplier for each 12in [305mm] section.

[2] Estimated. Consult website for the latest photometric files.

Optic



Description

The Lumencove® XT is a slim, IP66-rated LED luminaire for exterior cove lighting and tight space applications. The system offers myriad options: white light in various color temperatures and outputs, as well as a choice of mounting options and finishes. Built from sturdy aluminum and tempered glass, the Lumencove XT features a standard 16 in black cable at input, allowing continuous end-to-end runs without the need for additional jumper cables. The luminaire is available in 12 in, 24 in, 36 in and 48 in sections, enabling both linear and radial layouts.

Features

Length (Nominal)	12: 12 in, 24: 24 in, 36: 36 in, 48: 48 in
Optics	110° x 110°
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue
Power Consumption	5 W/ft (RO version, meets ASHRAE standards for linear lighting on building facades), 12 W/ft (HO version)
Warranty	5-year limited warranty
Option	Corrosion-resistant Coating for Hostile Environments 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications CE (certification covers European Economic Area)

Performance

Maximum Delivered Output	4206 lm (HO 4000K, 48 in fixture)
Color Consistency	2 SDCM
Color Rendering	Minimum CRI 80
Lumen Maintenance	L70 126,000 hrs (Ta 25 °C and Ta 40 °C) L95 19,000 hrs (Ta 25 °C and Ta 40 °C)

Colors and Color Temperatures



Control



Ratings

IP66 IK07

Certifications



Physical

Housing Material	Low copper content extruded aluminum
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
End Cap Material	Aluminum
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	12 in: 3 lbs, 24 in: 4.6 lbs, 36 in: 7.2 lbs, 48 in: 9 lbs

Electrical and Control

Fixture Cable	Power and data in one cable, End-to-end standard configuration: 16 in black input cable (no jumper cable needed)
Leader Cable Conductor	5C #16-5
Fixture Cable and Connector Color	Black cable (black connector) or white cable (black connector) for leader and jumper cables
Maximum Cable and Fixture Run Length	Up to 350 ft (On/Off, DALI, DMX/RDM, 277V, RO version)
Control	On/Off Control, Lumentalk, 0-10V Dimming, DALI dimming, DMX/RDM enabled
Resolution (DMX/RDM)	Per foot or per fixture (configured with LumenID V3 software), 8-bit or 16-bit

Environmental

Storage Temperature	-40 °F to 122 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-13 °F to 122 °F
Operating Temperature	-13 °F to 122 °F
Environment	Dry/damp/wet location
Ingress Protection Rating	IP66 Wet location rated
Impact Resistance Rating	IK07

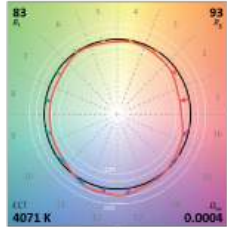
Accessories (Order Separately)

Cables	Leader Cable, Jumper Cable
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration), Lumentalk Data Bridge
Control Systems	Pharos® kit (PHAROS), Lumenscene™ (LSC)
Diagnostic and Addressing Tools	LumenID (LID), LumentalkID (LIDLt)

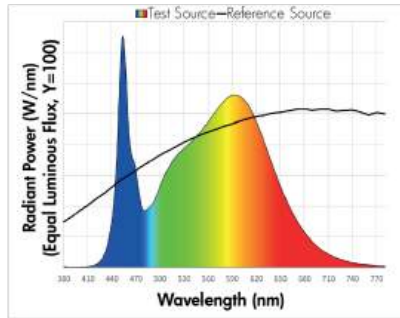
Chromaticity Data

TM-30 - 4000K

CCT	CIE		TM-30	
4000K	R _a	83	83	R ₁
	R _g	4	93	R ₂

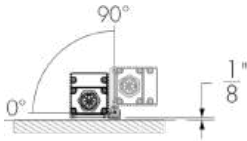


Spectral Power Distribution



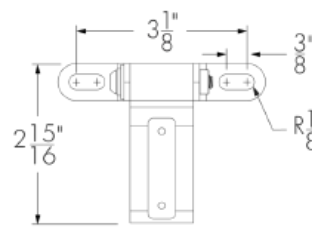
Mounting Options

SAM - Slim Adjustable Mounting

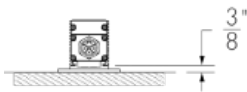


Not suitable when fixture is exposed to wind.

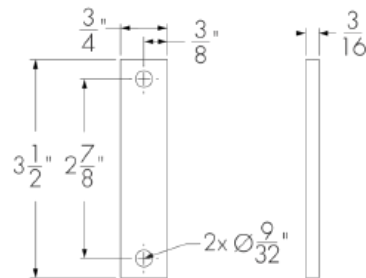
SAM - Mounting Hole Pattern



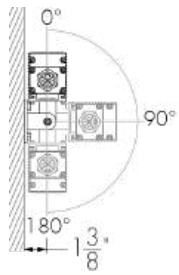
UMP - Fixed Mounting



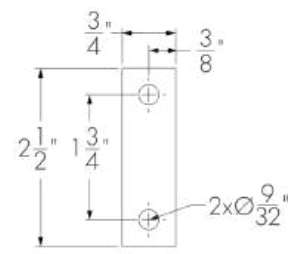
UMP - Mounting Hole Pattern



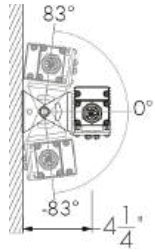
UMAS - Universal Adjustable Mounting



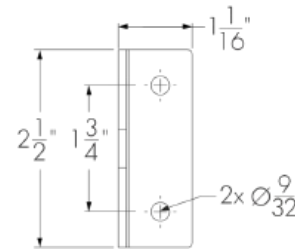
UMAS - Mounting Hole Pattern



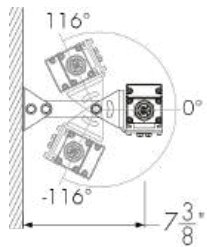
WAM2 - Adjustable Wall Mounting 2 in



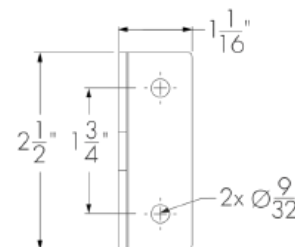
WAM2 - Mounting Hole Pattern



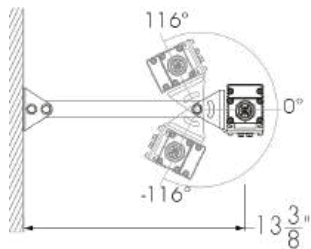
WAM6 - Adjustable Extended Arm Mounting 6 in



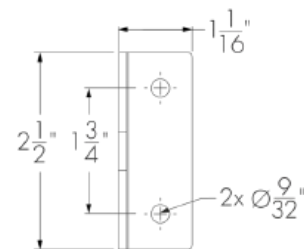
WAM6 - Mounting Hole Pattern



WAM12 - Adjustable Extended Arm Mounting 12 in



WAM12 - Mounting Hole Pattern



Cables (Order Separately)

LXTLC - Leader Cable For Lumencove XT



LXTLC-CERTIFICATION-CONTROL-LENGTH-CABLE COLOR

Please specify:

CERTIFICATION: UL or CE; **CONTROL:** NO/DIM or DMX/RDM; **LENGTH:** 10 ft, 25 ft, 50 ft, 100 ft, 150 ft or 200 ft; **CABLE COLOR:** BK (black) or WH (white) (connectors are black as standard).

- For NO, LT, DIM, DIM/DTW, DALI and ES fixture control options: specify the NO/DIM control option for the leader cable.
- Sealing endcap is mandatory for any unused connector. One (1) included with every NO/DIM leader cable.
- For DMX/RDM and DMX/RDM1 fixture control options: specify the DMX/RDM control option for the leader cable.
- DMX terminator is mandatory for any unused connector. One (1) included with every DMX/RDM leader cable.
- Consult Lumencove XT leader cable specification sheet for details.

LXTJC - Jumper Cable For Lumencove XT



LXTJC-CERTIFICATION-LENGTH-CABLE COLOR

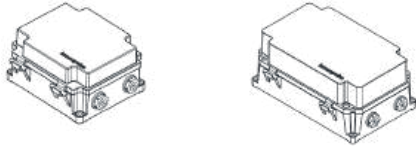
Please specify:

CERTIFICATION: UL or CE; **LENGTH:** 1 ft to 30 ft (available in 1 ft increments) or 50 ft; **CABLE COLOR:** BK (black) or WH (white) (connectors are black as standard).

- Suitable for dimming/data and on/off applications (NO, LT, DIM, DIM/DTW, DALI, DMX/RDM and DMX/RDM1 fixture control options).
- Consult Lumencove XT jumper cable specification sheet for details.

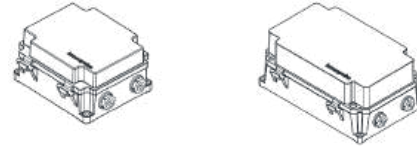
Control Boxes (Order Separately)

CBX-DMX/RDM - DMX/RDM Enabled (Daisy Chain or Star Configuration)



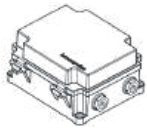
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



Ethernet control box. Up to four power and data outputs to fixture or fixture runs. Consult Ethernet CBX specification sheet and installation instructions for details.

LDB - Lumentalk Data Bridge



The Lumentalk Data Bridge is a digital interface that connects non-Lumentalk luminaires to the Lumentalk network, 0-10V or DMX output. Consult LDB specification sheet for details.

Control Systems (Order Separately)

PHAROS - Pharos® Kit



The Pharos kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations. 2 DMX universes kit shown.

Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

LID-LT - LumentalkID

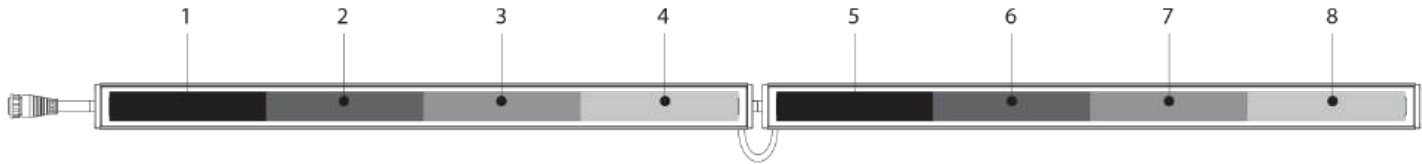


LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

Resolution Details

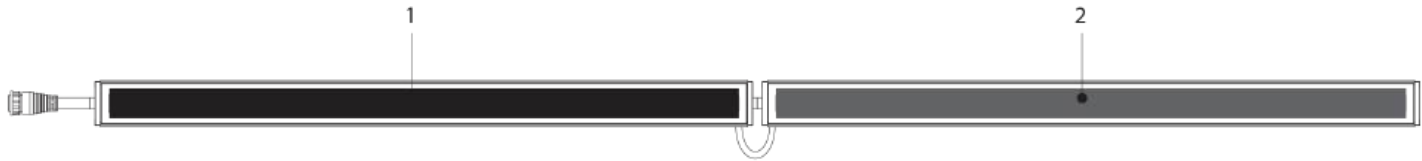
DMX/RDM Control, Resolution Per Foot: Each 12 in Section is Addressed Independently

DMX Addresses:



DMX/RDM Control, Resolution Per Fixture: Each Fixture is Addressed Independently

DMX Addresses:



- 48 in fixtures shown.
- Applicable for DMX/RDM control option only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Typical Wiring Diagrams

Wiring Color Code

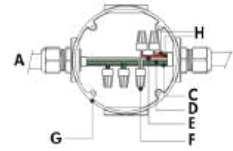
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -

On/Off Control (NO)



- A** - Power input (120-277V, wiring by others)
- B** - Junction box (by others)
- C** - Leader cable (LXTLC)
- D** - Lumencove XT
- E** - Jumper cable (LXTJC) (optional)
- F** - Sealing end cap

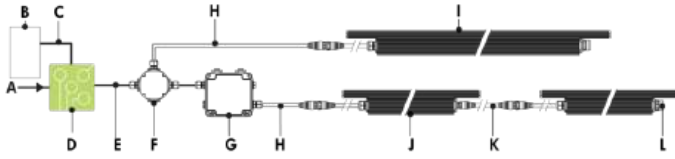
On/Off Control (NO) - Wiring Detail



- A** - Power input
- B** - To fixture
- C** - Line
- D** - Ground
- E** - Line/Neutral
- F** - Wire-nuts (by others)
- G** - Junction box (by others)
- H** - Not required

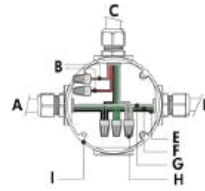
- Consult factory for specific applications and maximum fixture count cable length recommendations.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

Lumentalk (LT)



- A** - Power input (100-277V AC, wiring by others)
- B** - Dimmer/controller (order separately from lumenpulse, or by others)
- C** - Data wiring (by others)
- D** - Lumentranslator 2 (LTL2-010, -DMX, -TRIAC, -DALI)
- E** - Power wiring (by others)
- F** - Junction box (by others)
- G** - Lumentalk Data Bridge (LDB-DIM or LDB-DMX)
- H** - Leader cable (LXTLC)
- I** - Lumencove XT (24 in, 36 in or 48 in fixture lengths)
- J** - Lumencove XT (12 in)
- K** - Jumper cable (LXTJC) (optional)
- L** - Sealing end cap

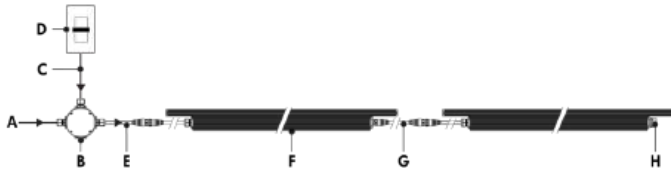
Lumentalk (LT) - Wiring Detail



- A** - Power input (control over power line via Lumentalk system)
- B** - Not required
- C** - To fixture
- D** - To Lumentalk Data Bridge (for run lengths with 12 in fixtures)
- E** - Line
- F** - Ground
- G** - Line/Neutral
- H** - Wire-nuts (by others)
- I** - Junction box (by others)

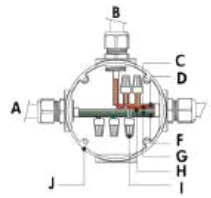
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for 12 in fixture lengths, see LDB installation instructions for details.
- For applications with all fixtures controlled as 1 zone : fixtures and Lumentalk Data Bridge must be specified as DIM. Maximum of 10 fixtures per LDB-DIM, consult factory for applications that require additional capabilities.
- For applications with fixtures controlled individually : fixtures and Lumentalk Data Bridge must be specified as DMX, 2-step commissioning process: 1 - DMX/RDM system using LumenID software and a LID, 2 - Lumentalk system using LumentalkID software and a LID-LT. Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- For DMX applications: 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- Consult factory for DALI Lumentalk applications.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

0-10V Dimming (DIM)



- A** - Power input (120-277V, wiring by others)
- B** - Junction box (by others)
- C** - Data wiring (by others)
- D** - Dimmer (by others)
- E** - Leader cable (LXTLC)
- F** - Lumencove XT
- G** - Jumper cable (LXTJC) (optional)
- H** - Sealing end cap

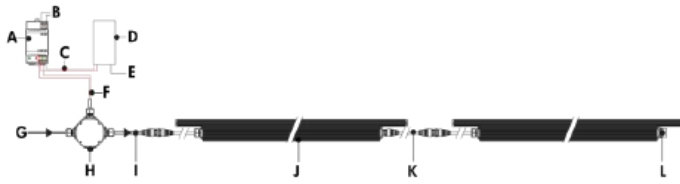
0-10V Dimming (DIM) - Wiring Detail



- A** - Power input
- B** - From dimmer (by others)
- C** - 0-10V +
- D** - 0-10V -
- E** - To fixture
- F** - Line
- G** - Ground
- H** - Neutral
- I** - Wire-nuts (by others)
- J** - Junction box (by others)

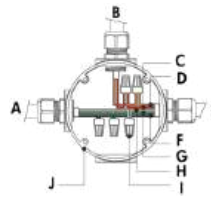
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length cannot exceed 8A per linear run **OR** maximum amperage capacity of the specified dimmer.
- 0-10V mA ratings : passive dimmer (Current Sink) : 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

DALI Dimming (DALI)



- A** - DALI bus power supply (by others)
- B** - Power input for DALI bus power supply (wiring by others)
- C** - Data output to DALI controller (by others)
- D** - DALI controller (by others)
- E** - Power input for DALI controller (wiring by others)
- F** - Data output to fixture (wiring by others)
- G** - Power input (120-277V, wiring by others)
- H** - Junction box (by others)
- I** - Leader cable (LXTLC)
- J** - Lumencove XT
- K** - Jumper cable (LXTJC) (optional)
- L** - Sealing end cap

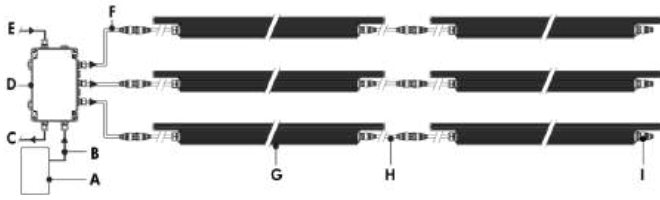
DALI Dimming (DALI) - Wiring Detail



- A** - Power input
- B** - From DALI controller (by others)
- C** - DA +
- D** - DA -
- E** - To fixture
- F** - Line
- G** - Ground
- H** - Neutral
- I** - Wire-nuts (by others)
- J** - Junction box (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.

Star Layout (DMX/RDM)



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-ST
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LXTLC)
- G** - Lumencove XT
- H** - Jumper cable (LXTJC) (optional)
- I** - DMX Terminator (last fixture in DMX/RDM run only)

Daisy Chain Layout (DMX/RDM)



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-DS
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LXTLC)
- G** - Lumencove XT
- H** - Jumper cable (LXTJC) (optional)
- I** - DMX Terminator (last fixture in DMX/RDM run only)

Maximum Run of Fixtures, Lumencove® XT White & Static Colors RO 5W/ft

Voltage	120V	240V	277V
Maximum Run of Fixtures*	128ft		

Maximum Run of Fixtures, Lumencove® XT White & Static Colors HO 12W/ft

Voltage	120V	240V	277V
Maximum Run of Fixtures*	71ft	128ft	128ft

Based on 8A maximum, 50ft leader cable.

*Example: 120V = 128ft maximum run of end to end fixtures (32 fixtures maximum for 4ft LXT RO).

- Refer to CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 48 in fixtures.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 6 outputs per CBX-ST, maximum of 1 output per CBX-DS.
- DMX terminator is required at the end of each run to maintain data integrity. One (1x) DMX terminator included with each leader cable. See installation instructions for details.
- Each fixture requires 1 DMX address.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

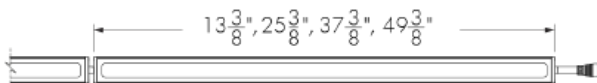
How to Order

Housing	Voltage	Length	Color and Color Temperature ⁽²⁾	Mounting Options	Finish	Control	Option	Buy American Act
LXT RO Lumencove® XT Regular Output, 5 W/ft (ASHRAE compliant)	120 120 Volts	12 13 3/8 in (3 lbs) ⁽¹⁾	22K 2200K	SAM Slim Adjustable Mounting	BK Black Sandtex®	NO On/Off Control	CRC Corrosion-resistant coating ⁽¹¹⁾	BAA Buy American ^{(14) (15)}
	208 208 volts		27K 2700K					
LXT HO Lumencove® XT High Output, 12 W/ft	220 220 volts	24 25 3/8 in (4.6 lbs)	30K 3000K	UMP Fixed Mounting ⁽⁴⁾	BRZ Bronze Sandtex®	LT Lumentalk ^{(1) (8) (9)}	3GV 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications ⁽¹³⁾	
	240 240 volts	36 37 3/8 in (7.2 lbs)	35K 3500K	UMAS Universal Adjustable Mounting ⁽⁴⁾	SI Silver Sandtex®	DIM 0-10V Dimming	CE CE (European certification)	
	277 277 Volts	48 49 3/8 in (9 lbs)	40K 4000K	WAM2 Adjustable Wall Mounting 2 in	WH Smooth White	DALI DALI dimming	DMX/RDM DMX/RDM Enabled ⁽¹⁰⁾	
			RD Red ⁽³⁾	WAM6 Adjustable Extended Arm Mounting 6 in	CC Custom Color & Finish ^{(5) (6) (7)}			
			GR Green ⁽³⁾	WAM12 Adjustable Extended Arm Mounting 12 in				
		BL Blue ⁽³⁾						

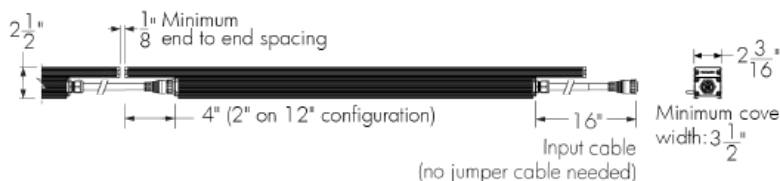
Notes:

- To connect 12 in fixture lengths to the Lumentalk system, DIM or DMX/RDM must be specified as the control option, and a Lumentalk Data Bridge (LDB) is required. See the typical wiring diagrams in the specification sheet for details.
- Consult factory for availability of static Royal Blue, 6500K and 90+ CRI.
- Static colors made to order 8-10 weeks.
- Suitable to use when 3GV option is specified.
- Lumenpulse offers a wide selection of RAL CLASSIC (K7) colors with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colors, other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.
- Setup charges apply for RAL colors. Consult factory for details.
- Longer lead times can be expected for custom RAL color finishes.
- Available for 24 in, 36 in and 48 in fixture lengths only.
- A Lumentranslator 2 (LTL2) and LumentalkID (LIDLTI) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
- A control box (CBX) and LumenID (LID) must be specified.
- Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
- Setup charges apply. Consult factory for details.
- Available with UMP and UMAS mounting options only.
- Not available with CE certification option.
- Contact your Lumenpulse Sales Representative for more information on order volume details.

Type: OG2
Project: Rogers Behavioral Health Cedar Ridge
Catalog#: (1)LXTHO-120-48-40K-UMAS-BRZ-DIM(1)LXTHO-120-36-40K-UMAS-BRZ-DIM



Top view



Front and side views

Photometric summary

RO - Regular output [2]

CCT	Delivered Output [lm]	Power [W]	Efficacy [lm/W]
2200K	1279	19	67
2700K	1817	19	96
3000K	1859	19	98
3500K	1943	19	102
4000K	2065	19	109

HO - High output [2]

CCT	Delivered Output [lm]	Power [W]	Efficacy [lm/W]
2200K	2608	39	67
2700K	3701	39	95
3000K	3785	39	97
3500K	3954	39	101
4000K	4206	39	108

Photometric performance is measured in compliance with IESNA LM-79-08.

[1] Use 0.25 multiplier for each 12in [305mm] section.

[2] Estimated. Consult website for the latest photometric files.

Optic



Description

The Lumencove® XT is a slim, IP66-rated LED luminaire for exterior cove lighting and tight space applications. The system offers myriad options: white light in various color temperatures and outputs, as well as a choice of mounting options and finishes. Built from sturdy aluminum and tempered glass, the Lumencove XT features a standard 16 in black cable at input, allowing continuous end-to-end runs without the need for additional jumper cables. The luminaire is available in 12 in, 24 in, 36 in and 48 in sections, enabling both linear and radial layouts.

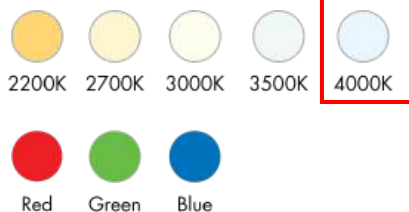
Features

Length (Nominal)	12: 12 in, 24: 24 in, 36: 36 in, 48: 48 in
Optics	110° x 110°
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K , Red, Green, Blue
Power Consumption	5 W/ft (RO version, meets ASHRAE standards for linear lighting on building facades), 12 W/ft (HO version)
Warranty	5-year limited warranty
Option	Corrosion-resistant Coating for Hostile Environments 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications CE (certification covers European Economic Area)

Performance

Maximum Delivered Output	4206 lm (HO 4000K, 48 in fixture)
Color Consistency	2 SDCM
Color Rendering	Minimum CRI 80
Lumen Maintenance	L70 126,000 hrs (Ta 25 °C and Ta 40 °C) L95 19,000 hrs (Ta 25 °C and Ta 40 °C)

Colors and Color Temperatures



Control



Ratings

IP66 IK07

Certifications



Physical

Housing Material	Low copper content extruded aluminum
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
End Cap Material	Aluminum
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	12 in: 3 lbs, 24 in: 4.6 lbs, 36 in: 7.2 lbs, 48 in: 9 lbs

Electrical and Control

Fixture Cable	Power and data in one cable, End-to-end standard configuration: 16 in black input cable (no jumper cable needed)
Leader Cable Conductor	5C #16-5
Fixture Cable and Connector Color	Black cable (black connector) or white cable (black connector) for leader and jumper cables
Maximum Cable and Fixture Run Length	Up to 350 ft (On/Off, DALI, DMX/RDM, 277V, RO version)
Control	On/Off Control, Lumentalk, 0-10V Dimming, DALI dimming, DMX/RDM enabled
Resolution (DMX/RDM)	Per foot or per fixture (configured with LumenID V3 software), 8-bit or 16-bit

Environmental

Storage Temperature	-40 °F to 122 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-13 °F to 122 °F
Operating Temperature	-13 °F to 122 °F
Environment	Dry/damp/wet location
Ingress Protection Rating	IP66 Wet location rated
Impact Resistance Rating	IK07

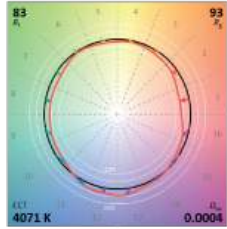
Accessories (Order Separately)

Cables	Leader Cable, Jumper Cable
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration), Lumentalk Data Bridge
Control Systems	Pharos® kit (PHAROS), Lumenscene™ (LSC)
Diagnostic and Addressing Tools	LumenID (LID), LumentalkID (LIDLT)

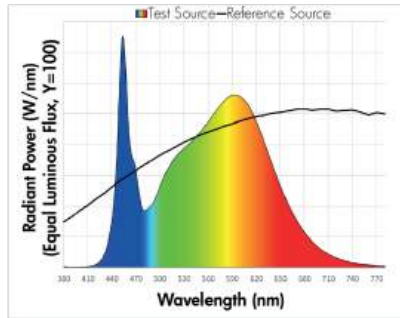
Chromaticity Data

TM-30 - 4000K

CCT	CIE		TM-30	
4000K	R _a	83	83	R ₁
	R _g	4	93	R ₂

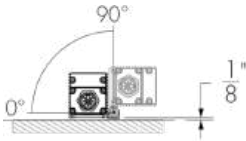


Spectral Power Distribution



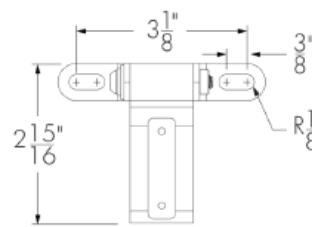
Mounting Options

SAM - Slim Adjustable Mounting

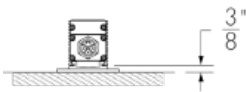


Not suitable when fixture is exposed to wind.

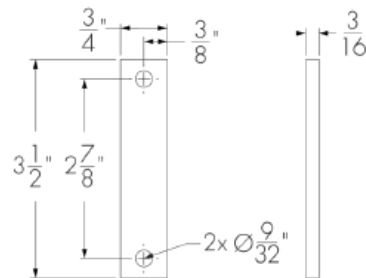
SAM - Mounting Hole Pattern



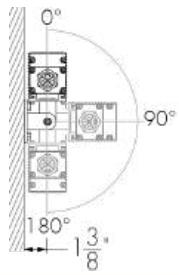
UMP - Fixed Mounting



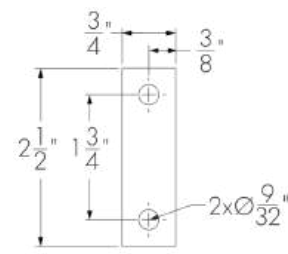
UMP - Mounting Hole Pattern



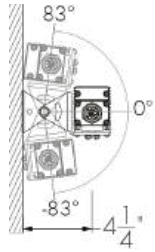
UMAS - Universal Adjustable Mounting



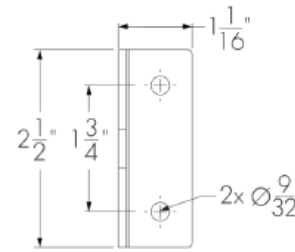
UMAS - Mounting Hole Pattern



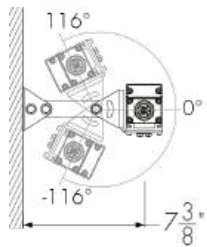
WAM2 - Adjustable Wall Mounting 2 in



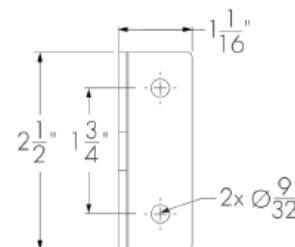
WAM2 - Mounting Hole Pattern



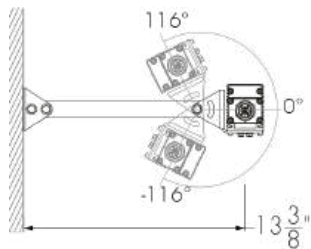
WAM6 - Adjustable Extended Arm Mounting 6 in



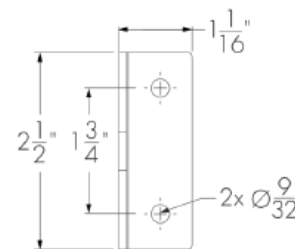
WAM6 - Mounting Hole Pattern



WAM12 - Adjustable Extended Arm Mounting 12 in



WAM12 - Mounting Hole Pattern



Cables (Order Separately)

LXTLC - Leader Cable For Lumencove XT



LXTLC-CERTIFICATION-CONTROL-LENGTH-CABLE COLOR

Please specify:

CERTIFICATION: UL or CE; **CONTROL:** NO/DIM or DMX/RDM; **LENGTH:** 10 ft, 25 ft, 50 ft, 100 ft, 150 ft or 200 ft; **CABLE COLOR:** BK (black) or WH (white) (connectors are black as standard).

- For NO, LT, DIM, DIM/DTW, DALI and ES fixture control options: specify the NO/DIM control option for the leader cable.
- Sealing endcap is mandatory for any unused connector. One (1) included with every NO/DIM leader cable.
- For DMX/RDM and DMX/RDM1 fixture control options: specify the DMX/RDM control option for the leader cable.
- DMX terminator is mandatory for any unused connector. One (1) included with every DMX/RDM leader cable.
- Consult Lumencove XT leader cable specification sheet for details.

LXTJC - Jumper Cable For Lumencove XT



LXTJC-CERTIFICATION-LENGTH-CABLE COLOR

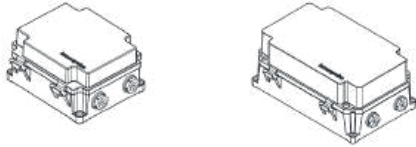
Please specify:

CERTIFICATION: UL or CE; **LENGTH:** 1 ft to 30 ft (available in 1 ft increments) or 50 ft; **CABLE COLOR:** BK (black) or WH (white) (connectors are black as standard).

- Suitable for dimming/data and on/off applications (NO, LT, DIM, DIM/DTW, DALI, DMX/RDM and DMX/RDM1 fixture control options).
- Consult Lumencove XT jumper cable specification sheet for details.

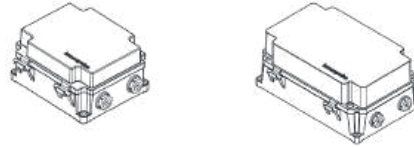
Control Boxes (Order Separately)

CBX-DMX/RDM - DMX/RDM Enabled (Daisy Chain or Star Configuration)



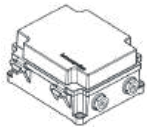
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumeterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



Ethernet control box. Up to four power and data outputs to fixture or fixture runs. Consult Ethernet CBX specification sheet and installation instructions for details.

LDB - Lumentalk Data Bridge



The Lumentalk Data Bridge is a digital interface that connects non-Lumentalk luminaires to the Lumentalk network, 0-10V or DMX output. Consult LDB specification sheet for details.

Control Systems (Order Separately)

PHAROS - Pharos® Kit



The Pharos kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations. 2 DMX universes kit shown.

Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

LID-LT - LumentalkID

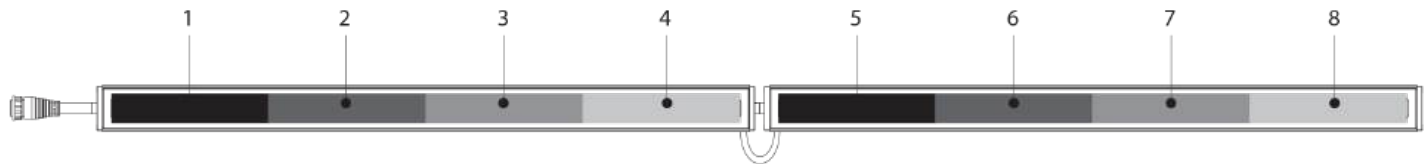


LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

Resolution Details

DMX/RDM Control, Resolution Per Foot: Each 12 in Section is Addressed Independently

DMX Addresses:



DMX/RDM Control, Resolution Per Fixture: Each Fixture is Addressed Independently

DMX Addresses:



- 48 in fixtures shown.
- Applicable for DMX/RDM control option only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Typical Wiring Diagrams

Wiring Color Code

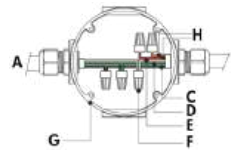
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -

On/Off Control (NO)



- A** - Power input (120-277V, wiring by others)
- B** - Junction box (by others)
- C** - Leader cable (LXTLC)
- D** - Lumencove XT
- E** - Jumper cable (LXTJC) (optional)
- F** - Sealing end cap

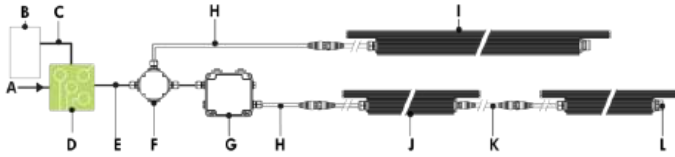
On/Off Control (NO) - Wiring Detail



- A** - Power input
- B** - To fixture
- C** - Line
- D** - Ground
- E** - Line/Neutral
- F** - Wire-nuts (by others)
- G** - Junction box (by others)
- H** - Not required

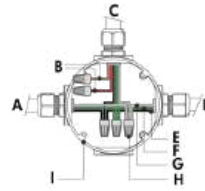
- Consult factory for specific applications and maximum fixture count cable length recommendations.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

Lumentalk (LT)



- A** - Power input (100-277V AC, wiring by others)
- B** - Dimmer/controller (order separately from lumenpulse, or by others)
- C** - Data wiring (by others)
- D** - Lumentranslator 2 (LTL2-010, -DMX, -TRIAC, -DALI)
- E** - Power wiring (by others)
- F** - Junction box (by others)
- G** - Lumentalk Data Bridge (LDB-DIM or LDB-DMX)
- H** - Leader cable (LXTLC)
- I** - Lumencove XT (24 in, 36 in or 48 in fixture lengths)
- J** - Lumencove XT (12 in)
- K** - Jumper cable (LXTJC) (optional)
- L** - Sealing end cap

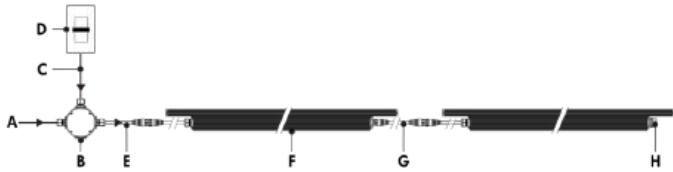
Lumentalk (LT) - Wiring Detail



- A** - Power input (control over power line via Lumentalk system)
- B** - Not required
- C** - To fixture
- D** - To Lumentalk Data Bridge (for run lengths with 12 in fixtures)
- E** - Line
- F** - Ground
- G** - Line/Neutral
- H** - Wire-nuts (by others)
- I** - Junction box (by others)

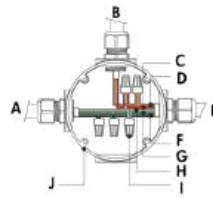
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for 12 in fixture lengths, see LDB installation instructions for details.
- For applications with all fixtures controlled as 1 zone : fixtures and Lumentalk Data Bridge must be specified as DIM. Maximum of 10 fixtures per LDB-DIM, consult factory for applications that require additional capabilities.
- For applications with fixtures controlled individually : fixtures and Lumentalk Data Bridge must be specified as DMX, 2-step commissioning process: 1 - DMX/RDM system using LumenID software and a LID, 2 - Lumentalk system using LumentalkID software and a LID-LT. Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- For DMX applications: 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- Consult factory for DALI Lumentalk applications.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

0-10V Dimming (DIM)



- A** - Power input (120-277V, wiring by others)
- B** - Junction box (by others)
- C** - Data wiring (by others)
- D** - Dimmer (by others)
- E** - Leader cable (LXTLC)
- F** - Lumencove XT
- G** - Jumper cable (LXTJC) (optional)
- H** - Sealing end cap

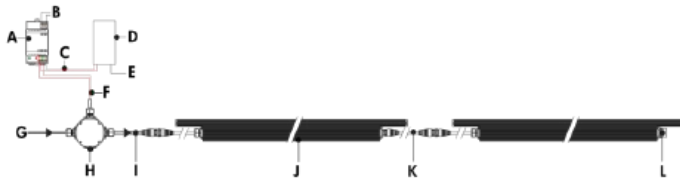
0-10V Dimming (DIM) - Wiring Detail



- A** - Power input
- B** - From dimmer (by others)
- C** - 0-10V +
- D** - 0-10V -
- E** - To fixture
- F** - Line
- G** - Ground
- H** - Neutral
- I** - Wire-nuts (by others)
- J** - Junction box (by others)

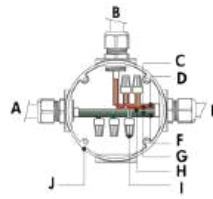
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length cannot exceed 8A per linear run **OR** maximum amperage capacity of the specified dimmer.
- 0-10V mA ratings : passive dimmer (Current Sink) : 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

DALI Dimming (DALI)



- A** - DALI bus power supply (by others)
- B** - Power input for DALI bus power supply (wiring by others)
- C** - Data output to DALI controller (by others)
- D** - DALI controller (by others)
- E** - Power input for DALI controller (wiring by others)
- F** - Data output to fixture (wiring by others)
- G** - Power input (120-277V, wiring by others)
- H** - Junction box (by others)
- I** - Leader cable (LXTLC)
- J** - Lumencove XT
- K** - Jumper cable (LXTJC) (optional)
- L** - Sealing end cap

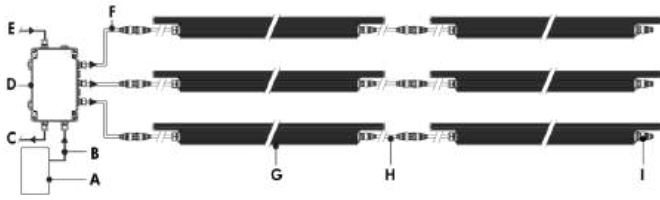
DALI Dimming (DALI) - Wiring Detail



- A** - Power input
- B** - From DALI controller (by others)
- C** - DA +
- D** - DA -
- E** - To fixture
- F** - Line
- G** - Ground
- H** - Neutral
- I** - Wire-nuts (by others)
- J** - Junction box (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.

Star Layout (DMX/RDM)



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-ST
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LXTLC)
- G** - Lumencove XT
- H** - Jumper cable (LXTJC) (optional)
- I** - DMX Terminator (last fixture in DMX/RDM run only)

Daisy Chain Layout (DMX/RDM)



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-DS
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LXTLC)
- G** - Lumencove XT
- H** - Jumper cable (LXTJC) (optional)
- I** - DMX Terminator (last fixture in DMX/RDM run only)

Maximum Run of Fixtures, Lumencove® XT White & Static Colors RO 5W/ft

Voltage	120V	240V	277V
Maximum Run of Fixtures*	128ft		

Maximum Run of Fixtures, Lumencove® XT White & Static Colors HO 12W/ft

Voltage	120V	240V	277V
Maximum Run of Fixtures*	71ft	128ft	128ft

Based on 8A maximum, 50ft leader cable.

*Example: 120V = 128ft maximum run of end to end fixtures (32 fixtures maximum for 4ft LXT RO).

- Refer to CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 48 in fixtures.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 6 outputs per CBX-ST, maximum of 1 output per CBX-DS.
- DMX terminator is required at the end of each run to maintain data integrity. One (1x) DMX terminator included with each leader cable. See installation instructions for details.
- Each fixture requires 1 DMX address.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

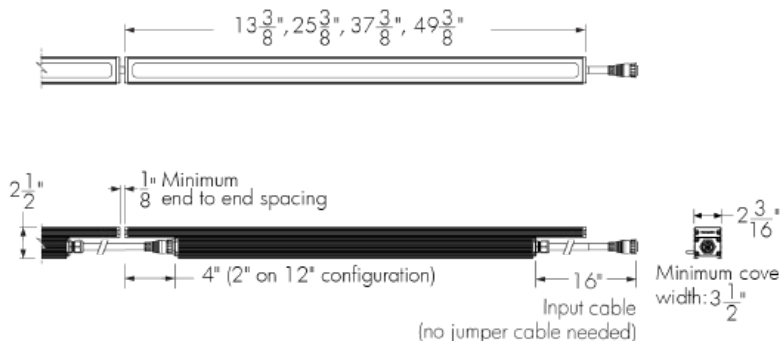
How to Order

Housing	Voltage	Length	Color and Color Temperature ⁽²⁾	Mounting Options	Finish	Control	Option	Buy American Act
LXT RO Lumencove® XT Regular Output, 5 W/ft (ASHRAE compliant)	120 120 Volts	12 13 3/8 in (3 lbs) ⁽¹⁾	22K 2200K	SAM Slim Adjustable Mounting	BK Black Sandtex®	NO On/Off Control	CRC Corrosion-resistant coating ⁽¹¹⁾	BAA Buy American ^{(14) (15)}
	208 208 volts		27K 2700K					
LXT HO Lumencove® XT High Output, 12 W/ft	220 220 volts	24 25 3/8 in (4.6 lbs)	30K 3000K	UMP Fixed Mounting ⁽⁴⁾	BRZ Bronze Sandtex®	LT Lumentalk ^{(1) (8) (9)}	3GV 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications ⁽¹³⁾	CE CE (European certification)
	240 240 volts		35K 3500K					
	277 277 Volts	36 37 3/8 in (7.2 lbs)	40K 4000K	UMAS Universal Adjustable Mounting ⁽⁴⁾	SI Silver Sandtex®	DIM 0-10V Dimming		
		48 49 3/8 in (9 lbs)	RD Red ⁽³⁾	WAM2 Adjustable Wall Mounting 2 in	WH Smooth White	DALI DALI dimming		
			GR Green ⁽³⁾	WAM6 Adjustable Extended Arm Mounting 6 in	CC Custom Color & Finish ^{(5) (6) (7)}	DMX/RDM DMX/RDM Enabled ⁽¹⁰⁾		
		BL Blue ⁽³⁾	WAM12 Adjustable Extended Arm Mounting 12 in					

Notes:

- To connect 12 in fixture lengths to the Lumentalk system, DIM or DMX/RDM must be specified as the control option, and a Lumentalk Data Bridge (LDB) is required. See the typical wiring diagrams in the specification sheet for details.
- Consult factory for availability of static Royal Blue, 6500K and 90+ CRI.
- Static colors made to order 8-10 weeks.
- Suitable to use when 3GV option is specified.
- Lumenpulse offers a wide selection of RAL CLASSIC (K7) colors with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colors, other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.
- Setup charges apply for RAL colors. Consult factory for details.
- Longer lead times can be expected for custom RAL color finishes.
- Available for 24 in, 36 in and 48 in fixture lengths only.
- A Lumentranslator 2 (LTL2) and LumentalkID (LIDL1) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
- A control box (CBX) and LumenID (LID) must be specified.
- Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
- Setup charges apply. Consult factory for details.
- Available with UMP and UMAS mounting options only.
- Not available with CE certification option.
- Contact your Lumenpulse Sales Representative for more information on order volume details.

Type: OG3
Project: Rogers Behavioral Health Cedar Ridge
Catalog#: (1)LXTHO-120-36-40K-UMAS-BRZ-DIM(1)LXTHO-120-24-40K-UMAS-BRZ



Top view

Front and side views

Photometric summary

RO - Regular output [2]

CCT	Delivered Output [lm]	Power [W]	Efficacy [lm/W]
2200K	1279	19	67
2700K	1817	19	96
3000K	1859	19	98
3500K	1943	19	102
4000K	2065	19	109

HO - High output [2]

CCT	Delivered Output [lm]	Power [W]	Efficacy [lm/W]
2200K	2608	39	67
2700K	3701	39	95
3000K	3785	39	97
3500K	3954	39	101
4000K	4206	39	108

Photometric performance is measured in compliance with IESNA LM-79-08.

[1] Use 0.25 multiplier for each 12in [305mm] section.

[2] Estimated. Consult website for the latest photometric files.

Optic



Description

The Lumencove® XT is a slim, IP66-rated LED luminaire for exterior cove lighting and tight space applications. The system offers myriad options: white light in various color temperatures and outputs, as well as a choice of mounting options and finishes. Built from sturdy aluminum and tempered glass, the Lumencove XT features a standard 16 in black cable at input, allowing continuous end-to-end runs without the need for additional jumper cables. The luminaire is available in 12 in, 24 in, 36 in and 48 in sections, enabling both linear and radial layouts.

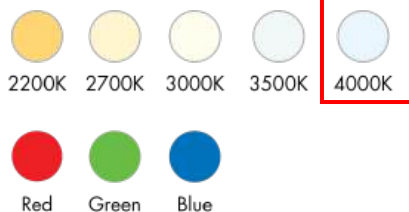
Features

Length (Nominal)	12: 12 in, 24: 24 in, 36: 36 in, 48: 48 in
Optics	110° x 110°
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue
Power Consumption	5 W/ft (RO version, meets ASHRAE standards for linear lighting on building facades), 12 W/ft (HO version)
Warranty	5-year limited warranty
Option	Corrosion-resistant Coating for Hostile Environments 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications CE (certification covers European Economic Area)

Performance

Maximum Delivered Output	4206 lm (HO 4000K, 48 in fixture)
Color Consistency	2 SDCM
Color Rendering	Minimum CRI 80
Lumen Maintenance	L70 126,000 hrs (Ta 25 °C and Ta 40 °C) L95 19,000 hrs (Ta 25 °C and Ta 40 °C)

Colors and Color Temperatures



Control



Ratings

IP66 IK07

Certifications



Physical

Housing Material	Low copper content extruded aluminum
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
End Cap Material	Aluminum
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	12 in: 3 lbs, 24 in: 4.6 lbs, 36 in: 7.2 lbs, 48 in: 9 lbs

Electrical and Control

Fixture Cable	Power and data in one cable, End-to-end standard configuration: 16 in black input cable (no jumper cable needed)
Leader Cable Conductor	5C #16-5
Fixture Cable and Connector Color	Black cable (black connector) or white cable (black connector) for leader and jumper cables
Maximum Cable and Fixture Run Length	Up to 350 ft (On/Off, DALI, DMX/RDM, 277V, RO version)
Control	On/Off Control, Lumentalk, 0-10V Dimming, DALI dimming, DMX/RDM enabled
Resolution (DMX/RDM)	Per foot or per fixture (configured with LumenID V3 software), 8-bit or 16-bit

Environmental

Storage Temperature	-40 °F to 122 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-13 °F to 122 °F
Operating Temperature	-13 °F to 122 °F
Environment	Dry/damp/wet location
Ingress Protection Rating	IP66 Wet location rated
Impact Resistance Rating	IK07

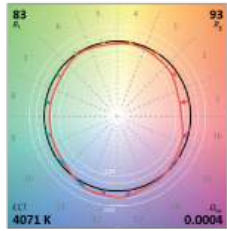
Accessories (Order Separately)

Cables	Leader Cable, Jumper Cable
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration), Lumentalk Data Bridge
Control Systems	Pharos® kit (PHAROS), Lumenscene™ (LSC)
Diagnostic and Addressing Tools	LumenID (LID), LumentalkID (LIDLT)

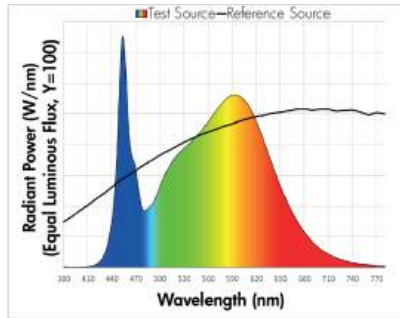
Chromaticity Data

TM-30 - 4000K

CCT	CIE		TM-30	
4000K	R _a	83	83	R ₁
	R _g	4	93	R ₂

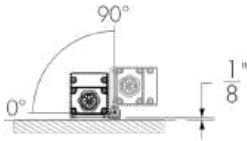


Spectral Power Distribution

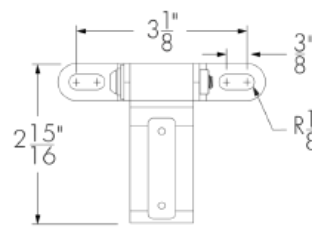


Mounting Options

SAM - Slim Adjustable Mounting

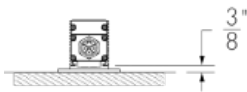


SAM - Mounting Hole Pattern

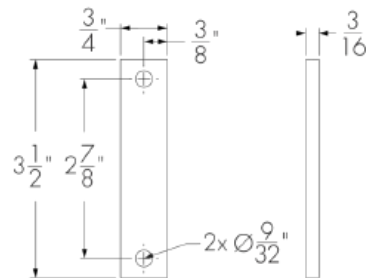


Not suitable when fixture is exposed to wind.

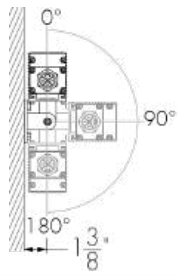
UMP - Fixed Mounting



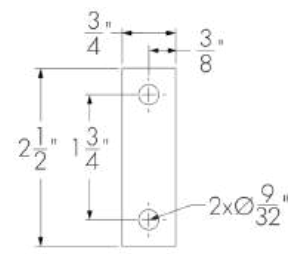
UMP - Mounting Hole Pattern



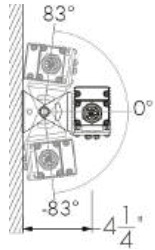
UMAS - Universal Adjustable Mounting



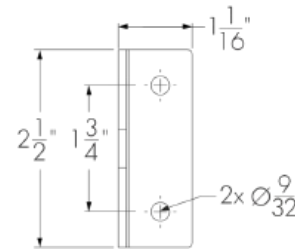
UMAS - Mounting Hole Pattern



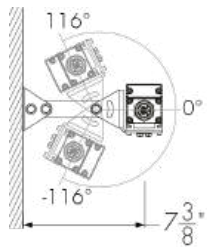
WAM2 - Adjustable Wall Mounting 2 in



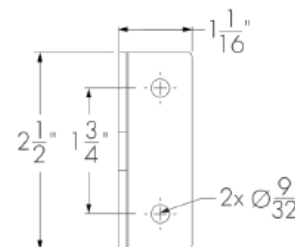
WAM2 - Mounting Hole Pattern



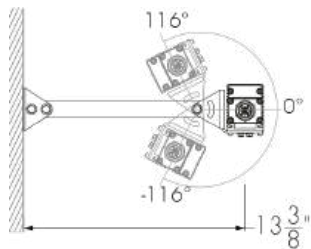
WAM6 - Adjustable Extended Arm Mounting 6 in



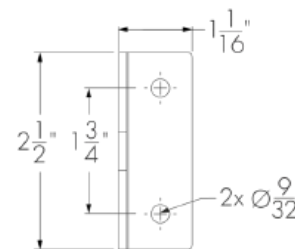
WAM6 - Mounting Hole Pattern



WAM12 - Adjustable Extended Arm Mounting 12 in



WAM12 - Mounting Hole Pattern



Cables (Order Separately)

LXTLC - Leader Cable For Lumencove XT



LXTLC-CERTIFICATION-CONTROL-LENGTH-CABLE COLOR

Please specify:

CERTIFICATION: UL or CE; **CONTROL:** NO/DIM or DMX/RDM; **LENGTH:** 10 ft, 25 ft, 50 ft, 100 ft, 150 ft or 200 ft; **CABLE COLOR:** BK (black) or WH (white) (connectors are black as standard).

- For NO, LT, DIM, DIM/DTW, DALI and ES fixture control options: specify the NO/DIM control option for the leader cable.
- Sealing endcap is mandatory for any unused connector. One (1) included with every NO/DIM leader cable.
- For DMX/RDM and DMX/RDM1 fixture control options: specify the DMX/RDM control option for the leader cable.
- DMX terminator is mandatory for any unused connector. One (1) included with every DMX/RDM leader cable.
- Consult Lumencove XT leader cable specification sheet for details.

LXTJC - Jumper Cable For Lumencove XT



LXTJC-CERTIFICATION-LENGTH-CABLE COLOR

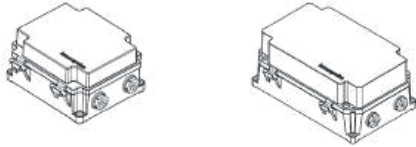
Please specify:

CERTIFICATION: UL or CE; **LENGTH:** 1 ft to 30 ft (available in 1 ft increments) or 50 ft; **CABLE COLOR:** BK (black) or WH (white) (connectors are black as standard).

- Suitable for dimming/data and on/off applications (NO, LT, DIM, DIM/DTW, DALI, DMX/RDM and DMX/RDM1 fixture control options).
- Consult Lumencove XT jumper cable specification sheet for details.

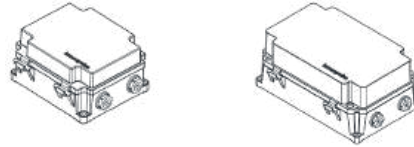
Control Boxes (Order Separately)

CBX-DMX/RDM - DMX/RDM Enabled (Daisy Chain or Star Configuration)



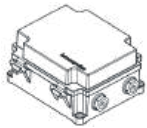
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumeterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



Ethernet control box. Up to four power and data outputs to fixture or fixture runs. Consult Ethernet CBX specification sheet and installation instructions for details.

LDB - Lumentalk Data Bridge



The Lumentalk Data Bridge is a digital interface that connects non-Lumentalk luminaires to the Lumentalk network, 0-10V or DMX output. Consult LDB specification sheet for details.

Control Systems (Order Separately)

PHAROS - Pharos® Kit



The Pharos kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations. 2 DMX universes kit shown.

Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

LID-LT - LumentalkID

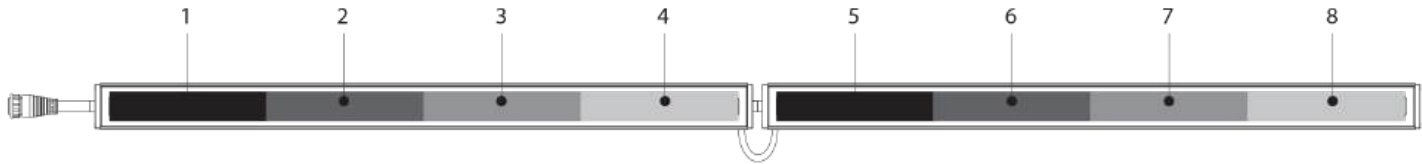


LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

Resolution Details

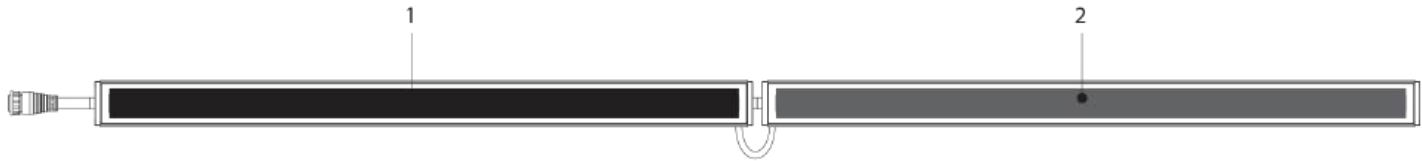
DMX/RDM Control, Resolution Per Foot: Each 12 in Section is Addressed Independently

DMX Addresses:



DMX/RDM Control, Resolution Per Fixture: Each Fixture is Addressed Independently

DMX Addresses:



- 48 in fixtures shown.
- Applicable for DMX/RDM control option only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Typical Wiring Diagrams

Wiring Color Code

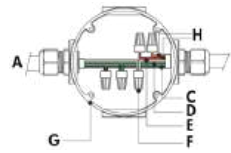
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -

On/Off Control (NO)



- A** - Power input (120-277V, wiring by others)
- B** - Junction box (by others)
- C** - Leader cable (LXTLC)
- D** - Lumencove XT
- E** - Jumper cable (LXTJC) (optional)
- F** - Sealing end cap

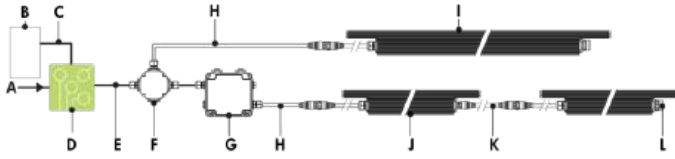
On/Off Control (NO) - Wiring Detail



- A** - Power input
- B** - To fixture
- C** - Line
- D** - Ground
- E** - Line/Neutral
- F** - Wire-nuts (by others)
- G** - Junction box (by others)
- H** - Not required

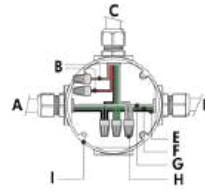
- Consult factory for specific applications and maximum fixture count cable length recommendations.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

Lumentalk (LT)



- A** - Power input (100-277V AC, wiring by others)
- B** - Dimmer/controller (order separately from lumenpulse, or by others)
- C** - Data wiring (by others)
- D** - Lumentranslator 2 (LTL2-010, -DMX, -TRIAC, -DALI)
- E** - Power wiring (by others)
- F** - Junction box (by others)
- G** - Lumentalk Data Bridge (LDB-DIM or LDB-DMX)
- H** - Leader cable (LXTLC)
- I** - Lumencove XT (24 in, 36 in or 48 in fixture lengths)
- J** - Lumencove XT (12 in)
- K** - Jumper cable (LXTJC) (optional)
- L** - Sealing end cap

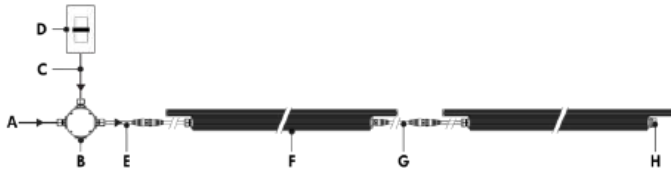
Lumentalk (LT) - Wiring Detail



- A** - Power input (control over power line via Lumentalk system)
- B** - Not required
- C** - To fixture
- D** - To Lumentalk Data Bridge (for run lengths with 12 in fixtures)
- E** - Line
- F** - Ground
- G** - Line/Neutral
- H** - Wire-nuts (by others)
- I** - Junction box (by others)

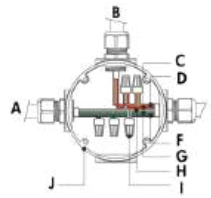
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for 12 in fixture lengths, see LDB installation instructions for details.
- For applications with all fixtures controlled as 1 zone : fixtures and Lumentalk Data Bridge must be specified as DIM. Maximum of 10 fixtures per LDB-DIM, consult factory for applications that require additional capabilities.
- For applications with fixtures controlled individually : fixtures and Lumentalk Data Bridge must be specified as DMX, 2-step commissioning process: 1 - DMX/RDM system using LumenID software and a LID, 2 - Lumentalk system using LumentalkID software and a LID-LT. Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- For DMX applications: 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- Consult factory for DALI Lumentalk applications.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

0-10V Dimming (DIM)



- A** - Power input (120-277V, wiring by others)
- B** - Junction box (by others)
- C** - Data wiring (by others)
- D** - Dimmer (by others)
- E** - Leader cable (LXTLC)
- F** - Lumencove XT
- G** - Jumper cable (LXTJC) (optional)
- H** - Sealing end cap

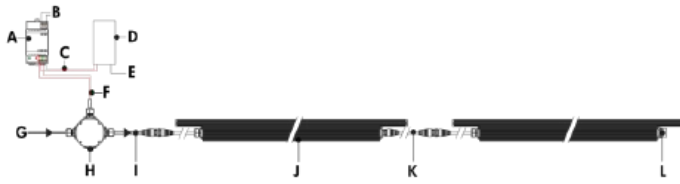
0-10V Dimming (DIM) - Wiring Detail



- A** - Power input
- B** - From dimmer (by others)
- C** - 0-10V +
- D** - 0-10V -
- E** - To fixture
- F** - Line
- G** - Ground
- H** - Neutral
- I** - Wire-nuts (by others)
- J** - Junction box (by others)

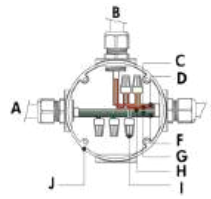
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length cannot exceed 8A per linear run **OR** maximum amperage capacity of the specified dimmer.
- 0-10V mA ratings : passive dimmer (Current Sink) : 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

DALI Dimming (DALI)



- A** - DALI bus power supply (by others)
- B** - Power input for DALI bus power supply (wiring by others)
- C** - Data output to DALI controller (by others)
- D** - DALI controller (by others)
- E** - Power input for DALI controller (wiring by others)
- F** - Data output to fixture (wiring by others)
- G** - Power input (120-277V, wiring by others)
- H** - Junction box (by others)
- I** - Leader cable (LXTLC)
- J** - Lumencove XT
- K** - Jumper cable (LXTJC) (optional)
- L** - Sealing end cap

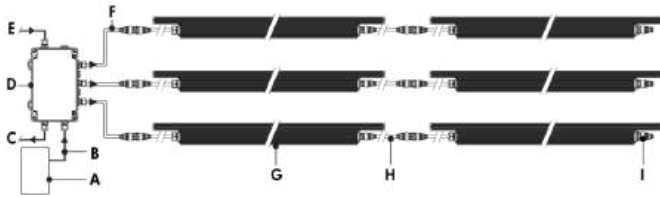
DALI Dimming (DALI) - Wiring Detail



- A** - Power input
- B** - From DALI controller (by others)
- C** - DA +
- D** - DA -
- E** - To fixture
- F** - Line
- G** - Ground
- H** - Neutral
- I** - Wire-nuts (by others)
- J** - Junction box (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.

Star Layout (DMX/RDM)



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-ST
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LXTLC)
- G** - Lumencove XT
- H** - Jumper cable (LXTJC) (optional)
- I** - DMX Terminator (last fixture in DMX/RDM run only)

Daisy Chain Layout (DMX/RDM)



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-DS
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LXTLC)
- G** - Lumencove XT
- H** - Jumper cable (LXTJC) (optional)
- I** - DMX Terminator (last fixture in DMX/RDM run only)

Maximum Run of Fixtures, Lumencove® XT White & Static Colors RO 5W/ft

Voltage	120V	240V	277V
Maximum Run of Fixtures*	128ft		

Maximum Run of Fixtures, Lumencove® XT White & Static Colors HO 12W/ft

Voltage	120V	240V	277V
Maximum Run of Fixtures*	71ft	128ft	128ft

Based on 8A maximum, 50ft leader cable.

*Example: 120V = 128ft maximum run of end to end fixtures (32 fixtures maximum for 4ft LXT RO).

- Refer to CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 48 in fixtures.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 6 outputs per CBX-ST, maximum of 1 output per CBX-DS.
- DMX terminator is required at the end of each run to maintain data integrity. One (1x) DMX terminator included with each leader cable. See installation instructions for details.
- Each fixture requires 1 DMX address.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

How to Order

Housing	Voltage	Length	Color and Color Temperature ⁽²⁾	Mounting Options	Finish	Control	Option	Buy American Act
LXT RO Lumencove® XT Regular Output, 5 W/ft (ASHRAE compliant)	120 120 Volts	12 13 3/8 in (3 lbs) ⁽¹⁾	22K 2200K	SAM Slim Adjustable Mounting	BK Black Sandtex®	NO On/Off Control	CRC Corrosion-resistant coating ⁽¹¹⁾	BAA Buy American ^{(14) (15)}
	208 208 volts	24 25 3/8 in (4.6 lbs)	27K 2700K	UMP Fixed Mounting ⁽⁴⁾	BRZ Bronze Sandtex®	LT Lumentalk ^{(1) (8) (9)}	3GV 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications ⁽¹³⁾	
LXT HO Lumencove® XT High Output, 12 W/ft	220 220 volts	36 37 3/8 in (7.2 lbs)	30K 3000K	UMAS Universal Adjustable Mounting ⁽⁴⁾	SI Silver Sandtex®	DIM 0-10V Dimming	CE CE (European certification)	
	240 240 volts	48 49 3/8 in (9 lbs)	35K 3500K	WAM2 Adjustable Wall Mounting 2 in	WH Smooth White	DALI DALI dimming	DMX/RDM DMX/RDM Enabled ⁽¹⁰⁾	
	277 277 Volts		40K 4000K	WAM6 Adjustable Extended Arm Mounting 6 in	CC Custom Color & Finish ^{(5) (6) (7)}			
			RD Red ⁽³⁾	WAM12 Adjustable Extended Arm Mounting 12 in				
			GR Green ⁽³⁾					
			BL Blue ⁽³⁾					

Notes:

- To connect 12 in fixture lengths to the Lumentalk system, DIM or DMX/RDM must be specified as the control option, and a Lumentalk Data Bridge (LDB) is required. See the typical wiring diagrams in the specification sheet for details.
- Consult factory for availability of static Royal Blue, 6500K and 90+ CRI.
- Static colors made to order 8-10 weeks.
- Suitable to use when 3GV option is specified.
- Lumenpulse offers a wide selection of RAL CLASSIC (K7) colors with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colors, other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.
- Setup charges apply for RAL colors. Consult factory for details.
- Longer lead times can be expected for custom RAL color finishes.
- Available for 24 in, 36 in and 48 in fixture lengths only.
- A Lumentranslator 2 (LTL2) and LumentalkID (LIDLTI) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
- A control box (CBX) and LumenID (LID) must be specified.
- Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
- Setup charges apply. Consult factory for details.
- Available with UMP and UMAS mounting options only.
- Not available with CE certification option.
- Contact your Lumenpulse Sales Representative for more information on order volume details.

E-WCSB SERIES

CCT & Wattage Selectable LED Wall Sconce w/ Photocell

Type: OS
 Project: Rogers Behavioral Health Cedar Ridge
 Catalog#: E-WCSUPDN-UPDN-20L-SCCT-BZ

Our savr® LED Wall Sconce, available in up to 34W, features an integrated photocell and an internal switch for selecting up-only, down-only, or both up and down lighting. It offers field selectable CCT and wattage, wide optical distribution and delivers up to 3000 lumens. Bronze finish, cULus Listed, 5-year limited warranty.



KEY FEATURES

PERFORMANCE

- E-WCSB-UPDN-09L-SCCT-BZ provides a range of 600 to 900 nominal lumens*
- E-WCSB-UPDN-20L-SCCT-BZ provides a range of 1200 to 2000 nominal lumens*
- E-WCSB-UPDN-30L-SCCT-BZ provides a range of 2200 to 3000 nominal lumens*
- Field selectable CCT options: 3000K, 4000K & 5000K
- CRI > 90
- Beam angle 35 degree

ELECTRICAL

- Input Voltage: Universal (120v - 277v)
- Operating Temperature Range: -40°F to 113°F (-40°C to 45°C)
- Estimated >140,000 hours of maintenance-free operation to L₇₀ at 25°C (77°F)
- Power Factor: >0.9
- Total Harmonic Distortion: <20%
- Dimmable: 0-10v to 10% - Dimming with dimming leads available for use in the field
- Surge Protection: 4kV

CONSTRUCTION / INSTALLATION

- Premium powder-coat, aluminum, dark bronze housing
- Easy installation in new construction or retrofit applications. Wall mount kit included

WARRANTY & CERTIFICATIONS

- 5-Year Limited Warranty
- cULus listed for wet locations
- Complies with FCC part 15, class A
- IP65 rated for ingress protection



APPLICATIONS

- Commercial
- Entryways
- Offices
- Residential

ORDERING INFORMATION

Example SKU: E-WCSB-UPDN-09L-SCCT-BZ

SERIES	DIRECTION	FIELD SELECTABLE LUMEN PACKAGE	CCT (FIELD SELECTABLE)	FINISH
E-WCSUPDN	UPDN Up only Down only Up and down	09L Up to 900 Lumens	SCCT 3000K/4000K/5000K	BZ Bronze
		20L Up to 2000 Lumens		
		30L Up to 3000 Lumens		

CA RESIDENTS WARNING: Cancer and Reproductive Harm – www.p65warnings.ca.gov

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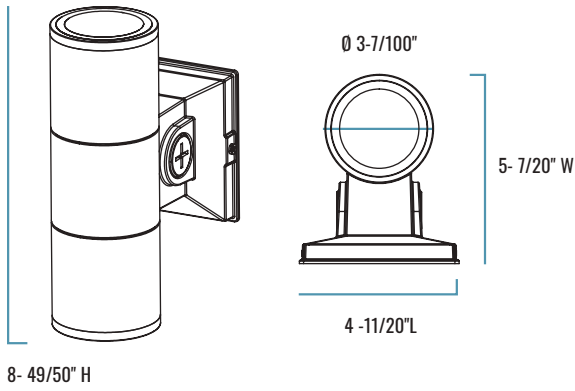
1501 96th Street, Sturtevant, WI 53177

Rev. Date: 03/31/2025

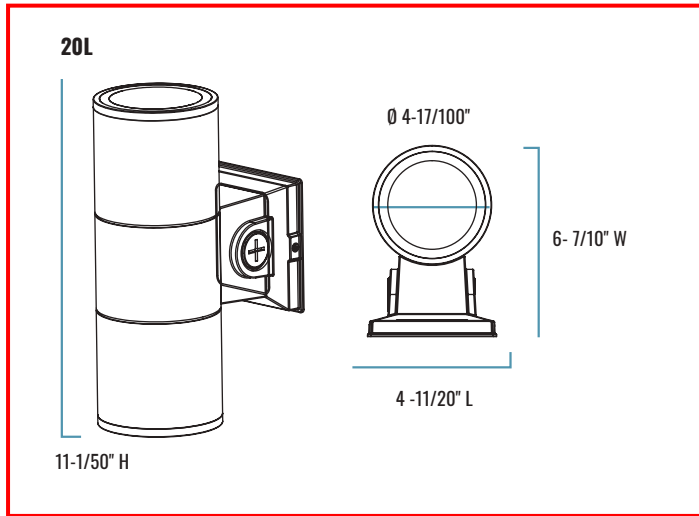
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E-WCSB SERIES

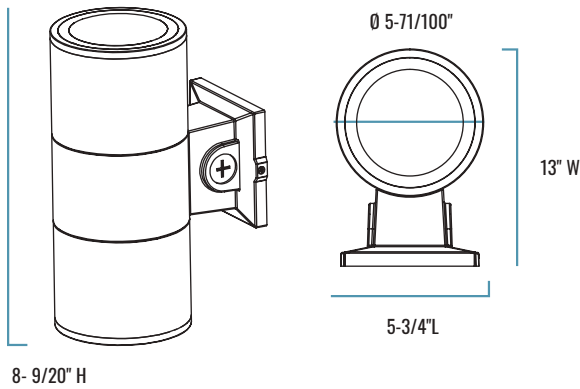
9L



20L



30L



MOUNTING DETAILS & DIMENSIONS

LUMEN PACKAGE	MOUNTING OPTIONS	RECOMMENDED MOUNTING HEIGHT	RECOMMENDED SPACING	PRODUCT DIMENSIONS	PRODUCT WEIGHT (LBS.)
9L		6 feet	6ft apart	4-11/20" L x 5-7/20" W x 8-49/50" H	2.65
20L	Wall mount kit included	8 feet	8ft apart	4-11/20" L x 5-7/20" W x 8-49/50" H	4.13
30L		12 feet	12ft apart	5-3/4" L x 13" W x 8-9/20" H	6.48

ELECTRICAL PERFORMANCE

OPERATING TEMPERATURE RANGE	ESTIMATED LIFESPAN L ₇₀ AT 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE	SURGE PROTECTION
-40°F to 113°F (-40°C to 45°C)	>140,000 hours	> 0.90	< 20%	0-10v to 10% - Dimming with dimming leads available for use in the field	4kV

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E-WCSB SERIES

LUMINAIRE PERFORMANCE

SERIES	MEASUREMENTS	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
E-WCSB-UPDN-09L	Lumens	502	565	590	625	707	735	763	864	894
	Watt	6.07	5.99	6.06	7.62	7.49	7.61	9.37	9.19	9.33
	Efficacy	83	94	97	82	94	97	81	94	96
E-WCSB-UPDN-20L	Lumens	1115	1225	1277	1487	1662	1716	1739	1959	1999
	Watt	12.31	12.14	12.32	16.82	16.61	16.88	20.07	19.79	20.1
	Efficacy	91	101	104	88	100	102	87	99	99
E-WCSB-UPDN-30L	Lumens	2004	2162	2337	2443	2660	2716	2663	2912	2979
	Watt	23.65	23.48	23.91	29.88	29.63	30.09	34.66	34.43	24.85
	Efficacy	85	92	94	82	90	90	77	85	85

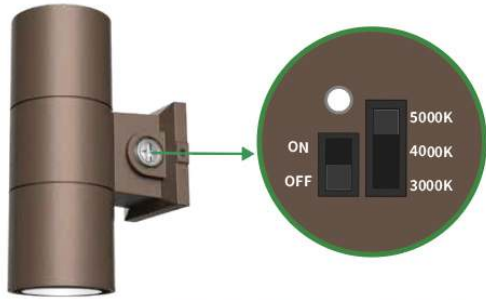
AMP DRAW

SERIES	CCT	LOW LUMENS			MID LUMENS			HIGH LUMENS			BUG RATING
		120V	240V	277V	120V	240V	277V	120V	240V	277V	
E-WCSB-UPDN-09L	3000K	0.05A	0.03A	0.02A	0.06A	0.03A	0.02A	0.08A	0.04A	0.03A	B1-U3-G0
	4000K	0.05A	0.02A	0.02A	0.06A	0.03A	0.02A	0.08A	0.04A	0.03A	
	5000K	0.05A	0.03A	0.02A	0.06A	0.03A	0.02A	0.08A	0.04A	0.03A	
E-WCSB-UPDN-20L	3000K	0.1A	0.05A	0.04A	0.14A	0.07A	0.06A	0.17A	0.08A	0.07A	B1-U4-G0
	4000K	0.1A	0.05A	0.04A	0.14A	0.07A	0.06A	0.16A	0.08A	0.07A	
	5000K	0.1A	0.05A	0.04A	0.14A	0.07A	0.06A	0.17A	0.08A	0.07A	
E-WCSB-UPDN-30L	3000K	0.2A	0.1A	0.09A	0.25A	0.12A	0.11A	0.29A	0.14A	0.13A	B2-U5-G0
	4000K	0.2A	0.1A	0.08A	0.25A	0.12A	0.11A	0.29A	0.14A	0.12A	
	5000K	0.2A	0.1A	0.09A	0.25A	0.13A	0.11A	0.29A	0.15A	0.13A	

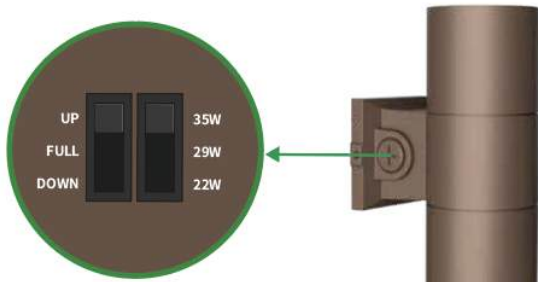
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E-WCSB SERIES

LOCATION OF SWITCHES

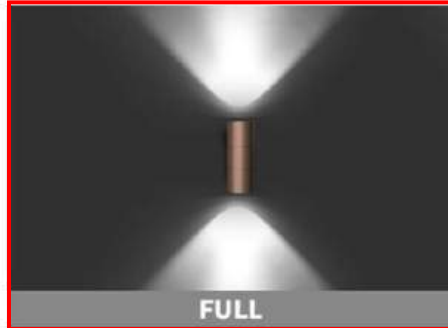


DIP Switch for CCT & Photocell



DIP Switch for Wattage & Up/Down/Full Light Option

LIGHT DIRECTIONS TO CHOOSE FROM



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1501 96th Street, Sturtevant, WI 53177

Rev. Date: 03/31/2025

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Rogers Behavioral Health, Inc.
34700 Valley Road (SUMT0622977002)

5/15/2025 Plan Commission Meeting

8/21/2025 Plan Commission Meeting

Staff Report

Village of Summit, Wisconsin

Property Owner:	Rogers Behavioral Health, Inc.
Applicant:	Cory Majszak
Zoning:	IN Institutional, WC Wetland Conservancy, FO Floodplain Overlay, and EC Environmental Corridor Overlay
Land Use Plan:	Institutional, PEC and Wetland

Possible Motion:

Motion to approve the Site Development Plans for a dumpster enclosure, lighting plan, landscape plan, signage plan, and mechanical equipment screening to accommodate the construction of a 24-bed community-based residential facility on property located at 34700 Valley Road (SUMT0622977002) subject to the following conditions:

- 1. The lighting and landscape plans be reviewed and approved by Village Staff. The plans shall be consistent and the tree sizes noted on the campus tree plan.*

Summary:

At the May meeting, Plan Commission approved the Site Development Plans for a 24-bed residential facility, subject to several conditions. The conditions included that the applicant shall submit a dumpster enclosure plan, lighting plan, landscape plan, signage plan, and mechanical equipment screening for the August Plan Commission meeting.

Dumpster Enclosure: The applicant is proposing a dumpster enclosure with fiber cement trim board and siding painted a color to match the building. The gate would consist of a galvanized steel frame with fiber cement siding.

Lighting Plan: The applicant is proposing the following lights:

- 4 pole lights in the parking lot area that are 18 ft. tall, including the base. The lights are downcast and 4000K. The pole fixtures are steel finished in dark bronze textured matte. (OA4F on plan)
- 4 bollard lights along the sidewalk on the west side of the facility. The bollards will also be 4000K. The bollards will be 42” tall and consist of aluminum with bronze or black powder coated finish. (OB on plan)
- Several soffit lighting underneath the entrances to the building. (OC on plan)
- Several LED wall sconces located 7 ft. above grade. (OS on plan)

Landscaping: At the May meeting, Plan Commission requested that the applicant plant additional trees to mitigate for the loss of 137 trees, understanding that there are also several other dead or dying trees that are proposed to remain. The applicant is proposing to plant 117 trees, 36 native trees near the new facility, 10 non-native trees near the new facility, and 71

native trees elsewhere on campus. The plant schedule does not match the tree count in the tree impact summary. The plant schedule should be updated or clarified.

The applicant is proposing to plant the 71 native trees in three phases: 24 planted in 2027, 23 planted in 2028, and 24 planted in 2029. A list of species is included in the packet. The applicant should include the size (to be determined by plan commission).

It also appears that the outdoor seating areas have changed since the May submittal.

Mechanical screening: The applicant is proposing roof-top mechanicals on the west side of the building facing the woods. The mechanicals will be in view of patients that use the outdoor seating areas. The applicant is proposing a screen structure. The applicant will submit a detail at the meeting.

Signage:

The applicant is proposing to install a monument sign at the entrance of the parking lot area. The sign will consist of a stone masonry base below an aluminum base with LED illumination on the edge of the sign panel. The one-sided panel will be 1" thick acrylic edge-lit panel with lettering and logo engraved. The sign face will be 3 ft. x 7'6", 22.5 sq. ft. in size. The applicant did not provide the overall height but it appears to be 4-5 ft. in height. The sign is intended to be complimentary to other signs on the property.



GROTH
Design
Group

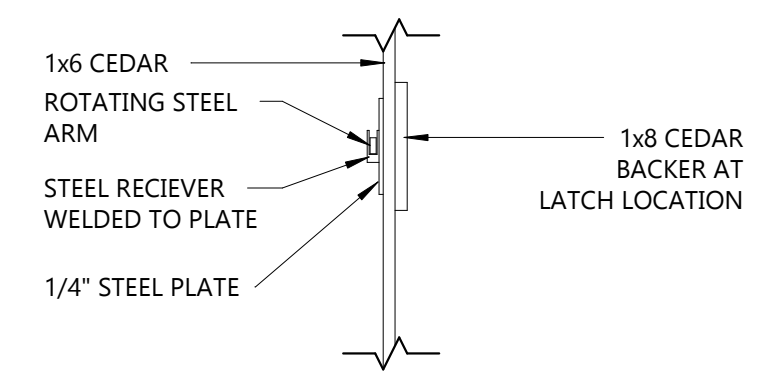
N58 W6181 COLUMBIA RD.
P.O. BOX 332
CEDARBURG, WISCONSIN 53012
PH. (262) 377-8001
FX. (262) 377-8003

SITE PLAN GENERAL NOTES:

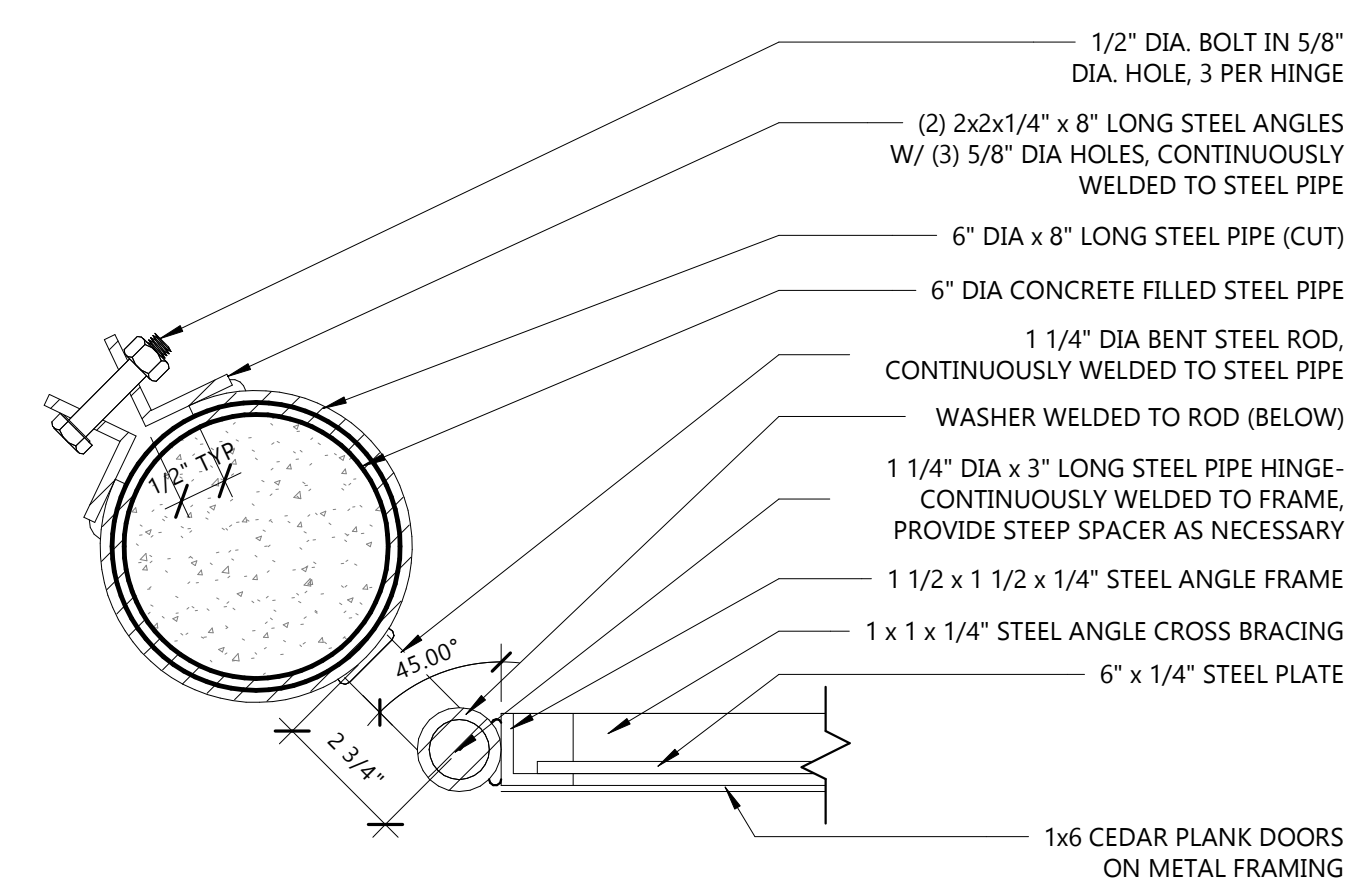
- A. ARCHITECTURAL SITE PLAN IS FOR REFERENCE ONLY. SEE CIVIL AND LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
- B. NOTIFY DIGGER'S HOTLINE: WISCONSIN'S ONE-CALL CENTER (3) WORKING DAYS PRIOR TO THE START OF ANY WORK. CALL 811 OR (800) 242-8511 OR WWW.DIGGERSHOTLINE.COM
- C. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND COORDINATES. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS.
- D. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED TO PERFORM WORK IN ACCORDANCE WITH REQUIREMENTS AND PROCEDURES OF ANY AND ALL AUTHORITIES HAVING JURISDICTION.

KEYED ARCHITECTURAL SITE PLAN NOTES	
TAG #	DESCRIPTION
1	ACCESSIBLE EGRESS ROUTE

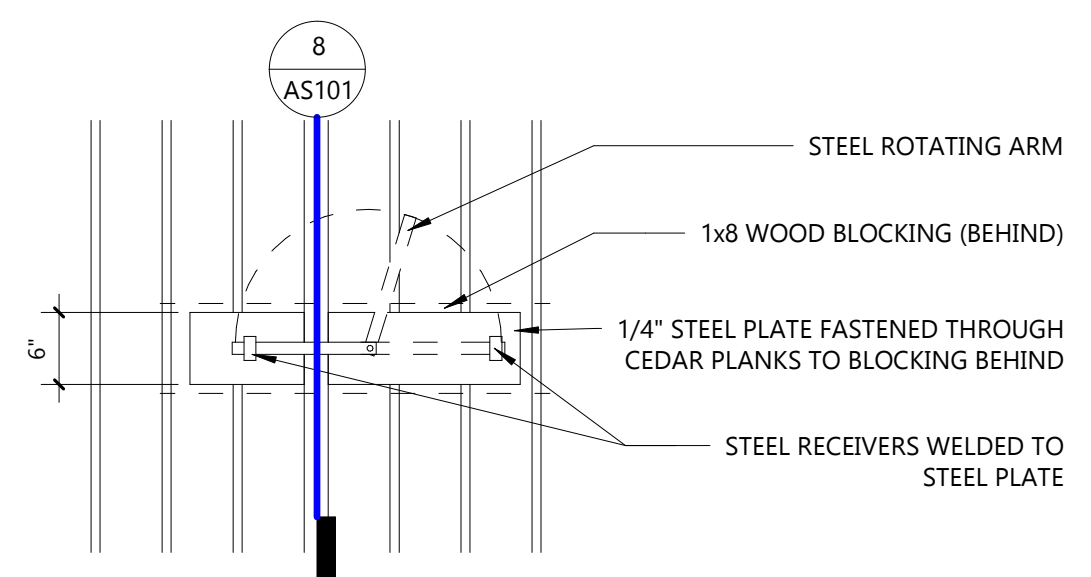
DISCLAIMER: ARCHITECTURAL SITE PLANS SHOWN FOR REPRESENTATION ONLY. SEE CIVIL PLANS FOR FINAL LAYOUT, GRADING AND UTILITY INFORMATION. ANY DISCREPANCIES BETWEEN ARCHITECTURAL SITE PLAN AND CIVIL PLANS MUST BE PROMPTLY REPORTED TO ARCHITECT PRIOR TO COMMENCING WORK



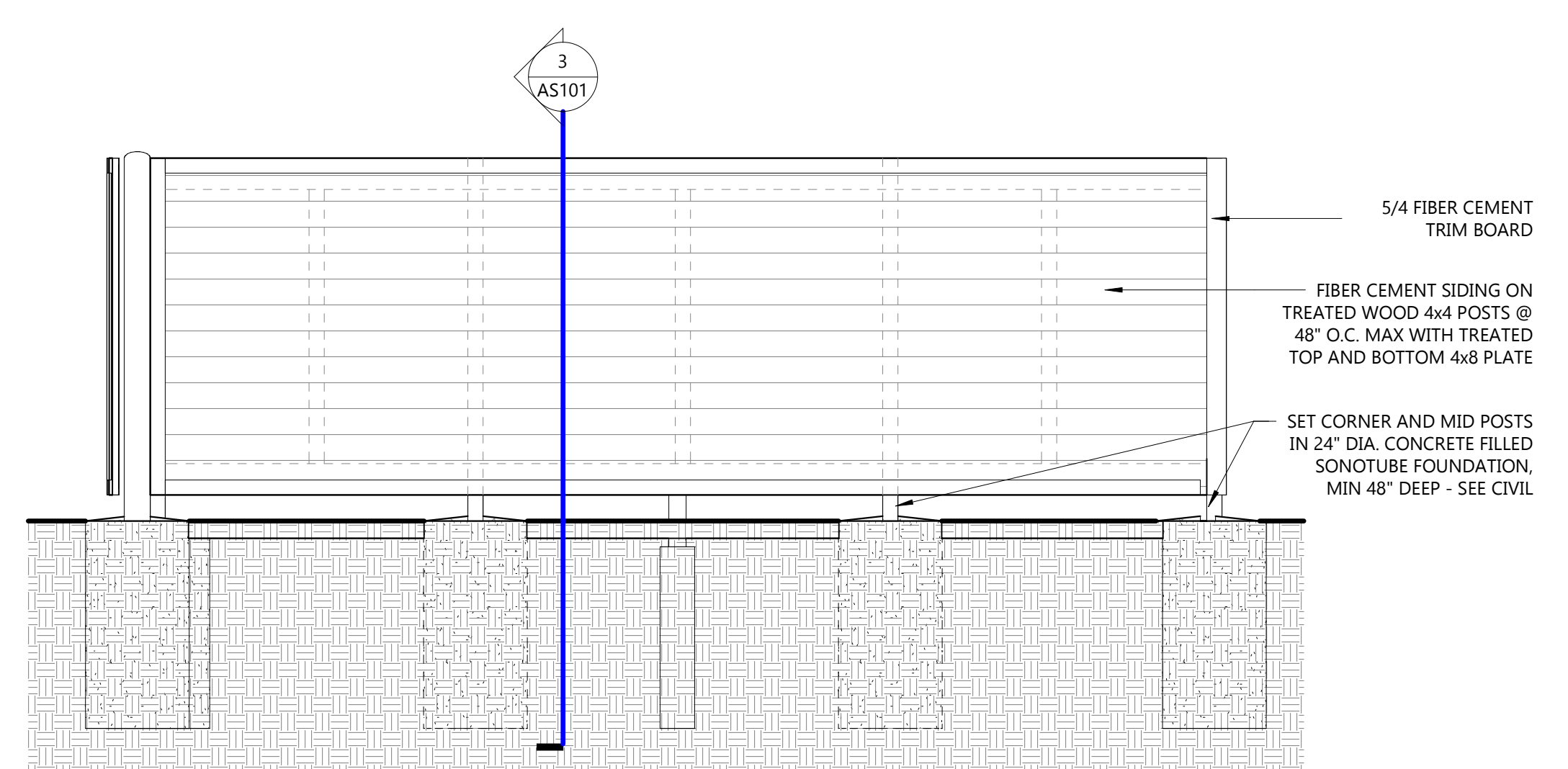
8 DUMPSTER LATCH DETAIL
AS101 1" = 1'-0"



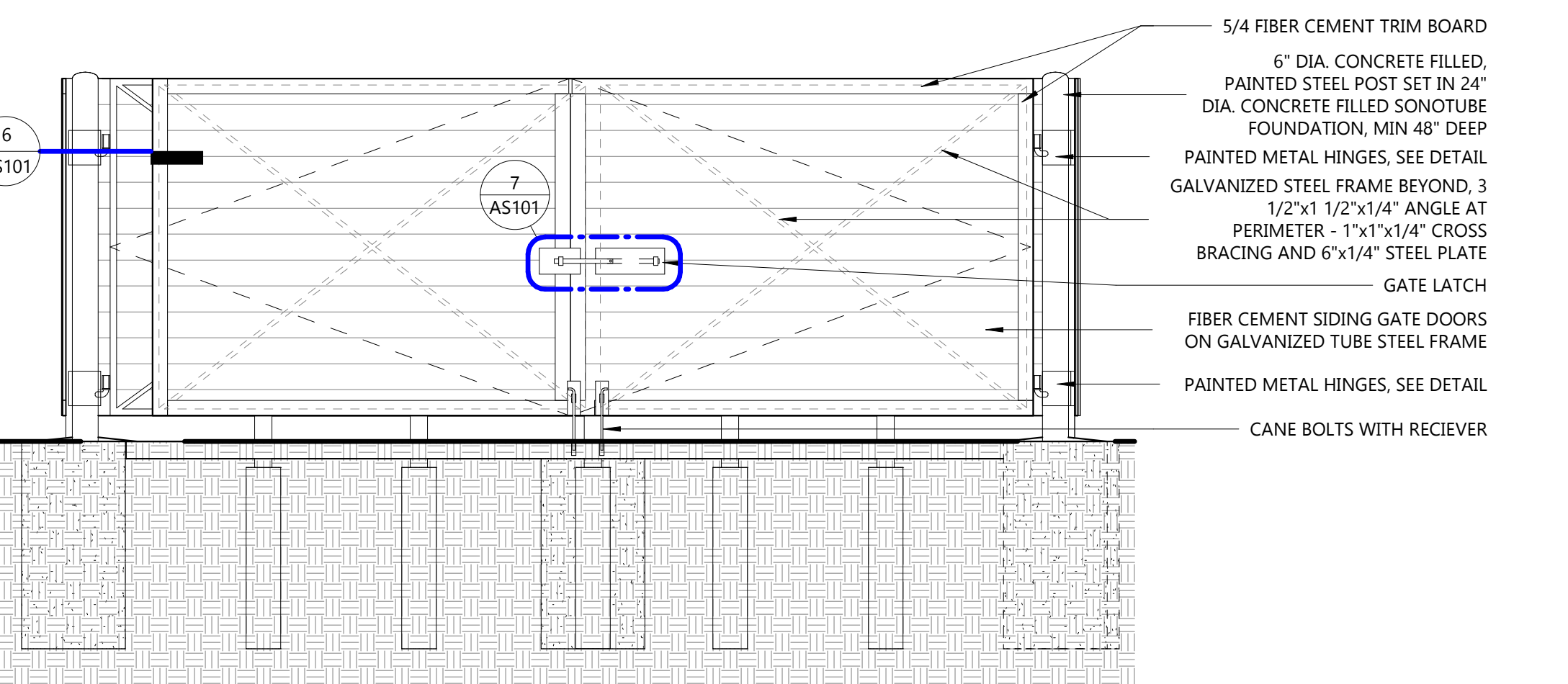
6 DUMPSTER HINGE
AS101 3" = 1'-0"



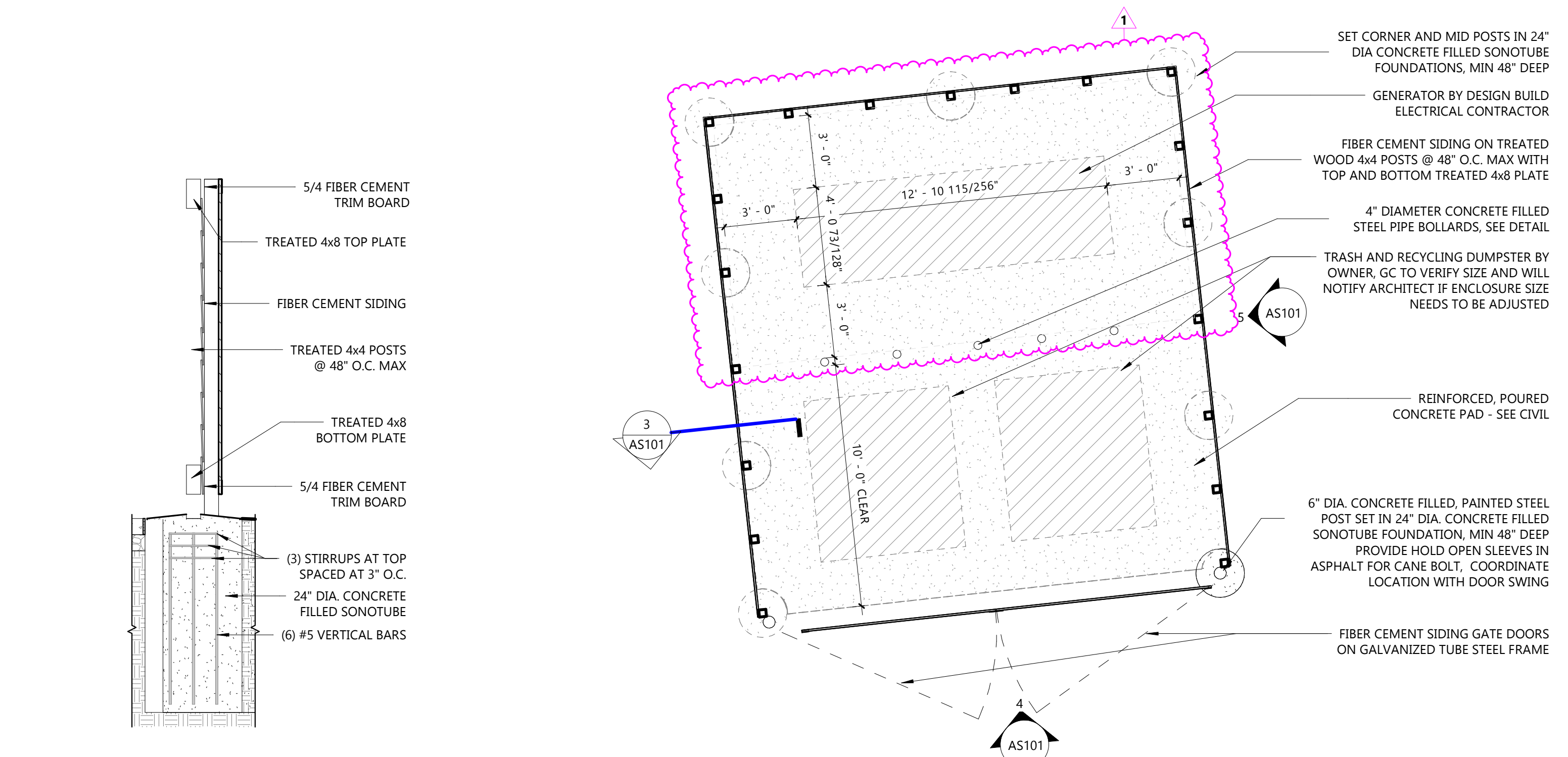
7 DUMPSTER LATCH
AS101 3/4" = 1'-0"



5 DUMPSTER ENCLOSURE - SIDE
AS101 3/8" = 1'-0"

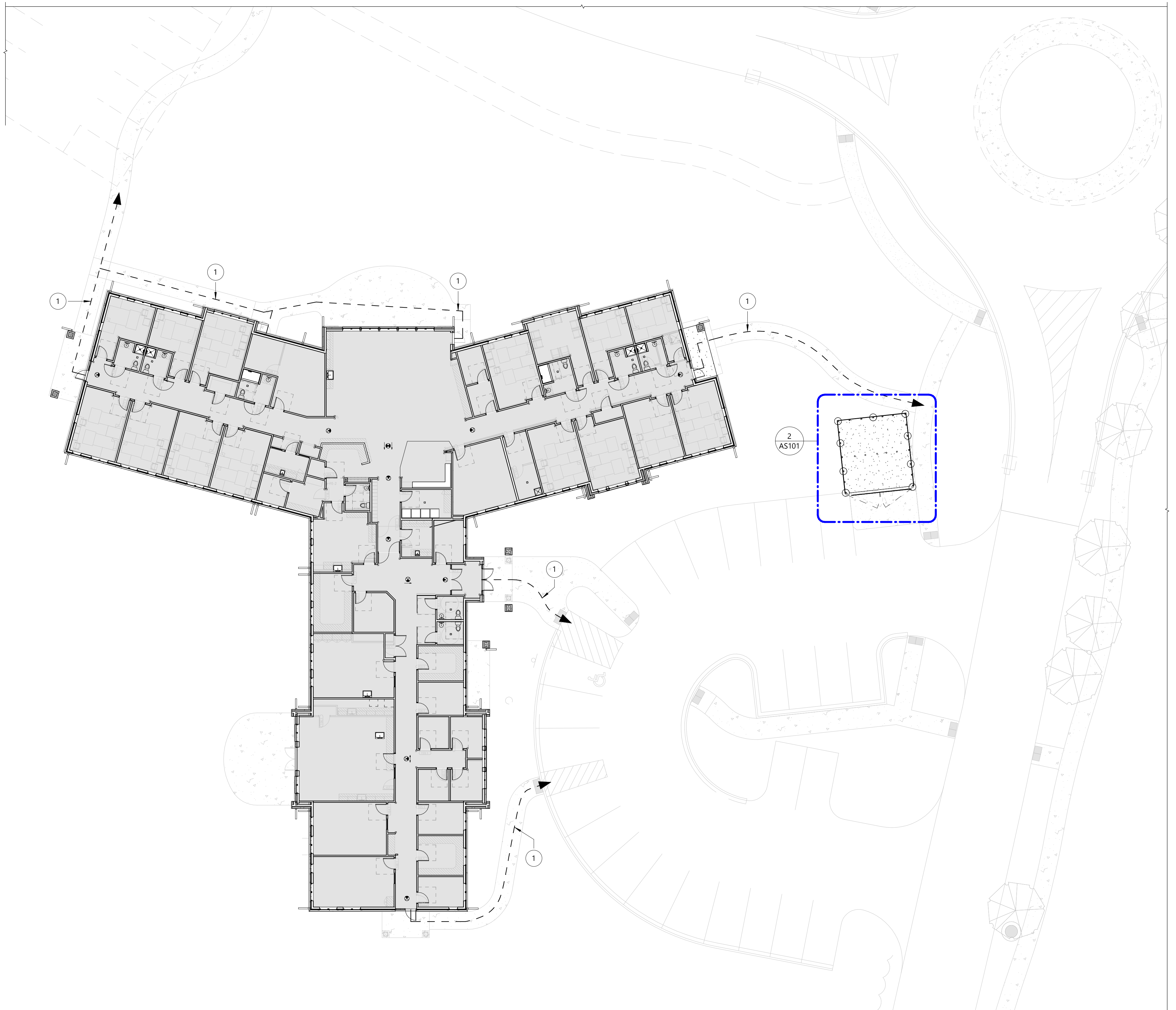


4 DUMPSTER ENCLOSURE - FRONT
AS101 3/8" = 1'-0"



2 DUMPSTER ENCLOSURE
AS101 1/4" = 1'-0"

3 DUMPSTER ENCLOSURE
AS101 1/2" = 1'-0"



1 ARCHITECTURAL SITE PLAN
AS101 1/16" = 1'-0"

PROJECT

ROGERS
BEHAVIORAL HEALTH
OCONOMOWOC
24-BED ADULT EDC
CBRF

34700 VALLEY ROAD
OCONOMOWOC, WI

ISSUE

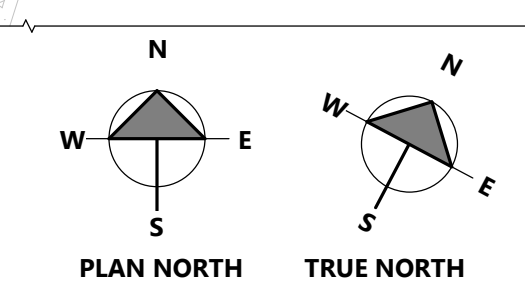
NO.	REV. DATE	DESCRIPTION
1	07.25.2025	CONSTRUCTION BULLETIN 01

PROJECT INFO

Date:
05.23.2025
Project No.
24.103

SHEET TITLE

ARCHITECTURAL SITE PLAN



AS101

CONSTRUCTION DOCUMENTS

PROGRESS REVIEW SET 06.20.2025

LYONS ELECTRIC Since 1979
powered by design

LYONS ELECTRIC, INC. IS AN EQUAL OPPORTUNITY EMPLOYER. WE ARE AN AFFIRMATIVE ACTION EMPLOYER. WE ARE AN EQUAL OPPORTUNITY CONTRACTOR. WE ARE AN EQUAL OPPORTUNITY SUBCONTRACTOR. WE ARE AN EQUAL OPPORTUNITY VENDOR. WE ARE AN EQUAL OPPORTUNITY SERVICE PROVIDER. WE ARE AN EQUAL OPPORTUNITY PARTNER. WE ARE AN EQUAL OPPORTUNITY COLLEAGUE. WE ARE AN EQUAL OPPORTUNITY FRIEND. WE ARE AN EQUAL OPPORTUNITY NEIGHBOR. WE ARE AN EQUAL OPPORTUNITY HUMAN. WE ARE AN EQUAL OPPORTUNITY BEING.

REVISIONS		
NO.	DESCRIPTION	DATE

FIRM NAME AND ADDRESS:
TC LYONS ELECTRIC
75 ENTERPRISE ROAD
DELAFIELD, WI 53018

CONTACT INFORMATION:
TIM ANDERSON
MAIN: (262) 646-6828
FAX: (262) 646-6829

PROJECT NAME:

PROPOSED BUILDING RENOVATION FOR:
**ROGERS BEHAVIORAL HEALTH -
OCONOMOWOC RESIDENTIAL FACILITY**
34700 VALLEY ROAD
OCONOMOWOC, WI 53066

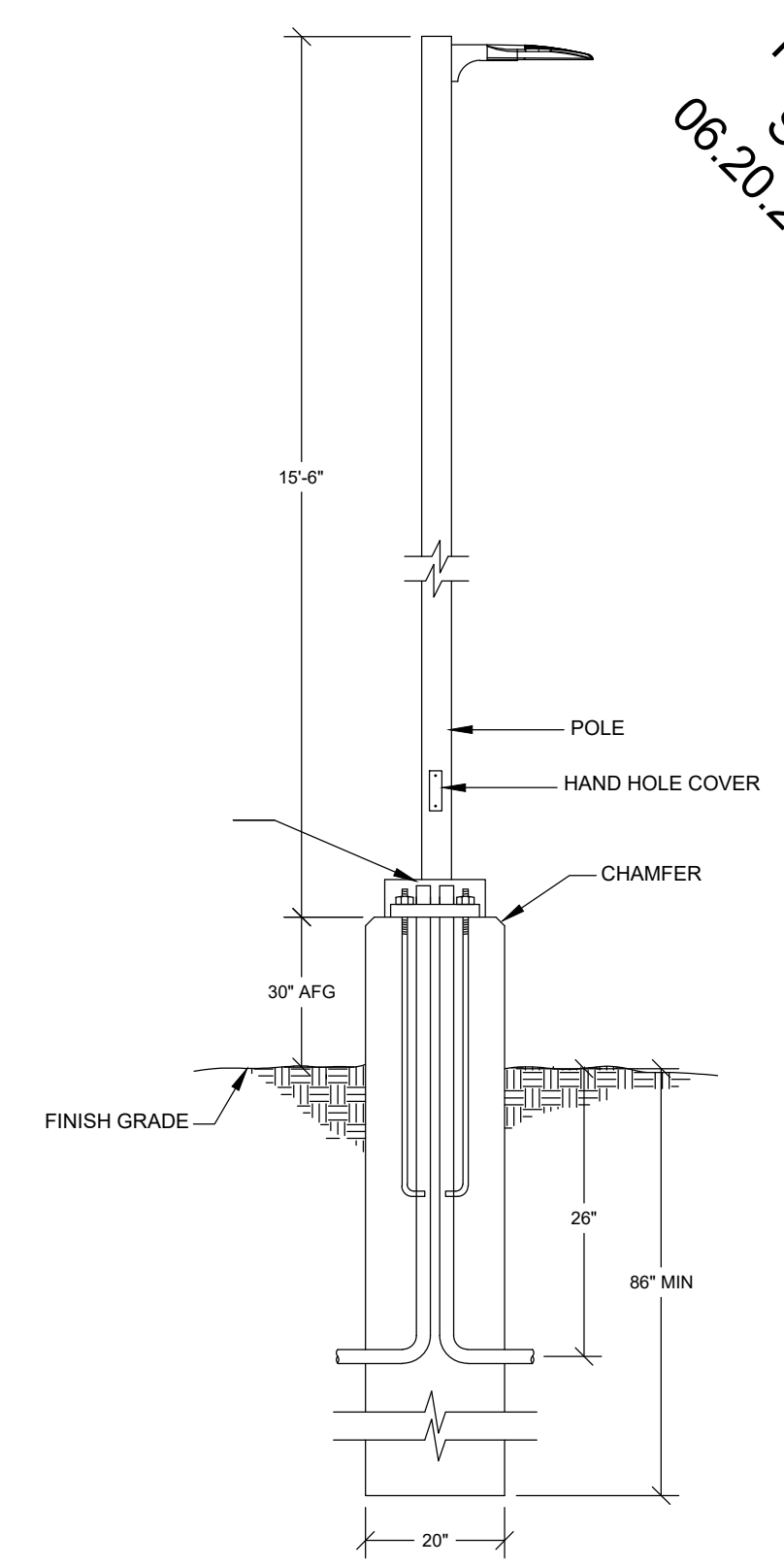
SHEET TITLE:
SITE PHOTOMETRIC STUDY PLAN

DRAWN BY: DMG	JOB NUMBER: -
DATE DRAWN: 06.20.2025	APPROVED BY: KRK

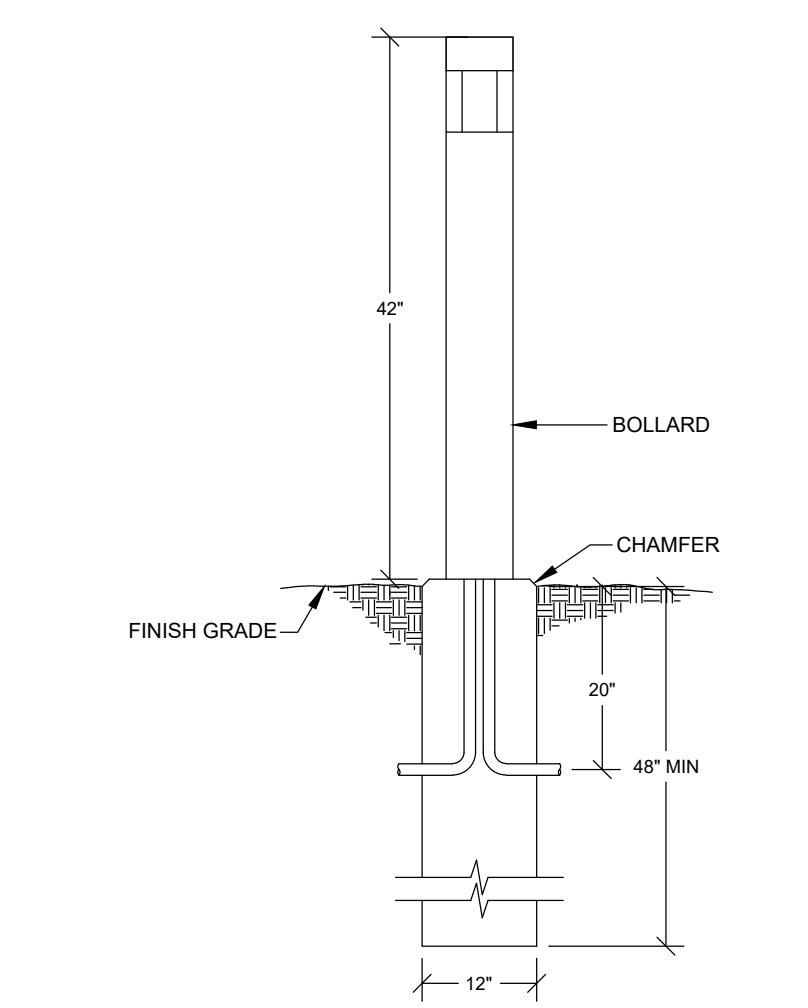
SHEET # OF
3 11

SHEET #:
ES101

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
PARKING LOT	Illuminance	Fc	5.54	13.00	0.70	7.91



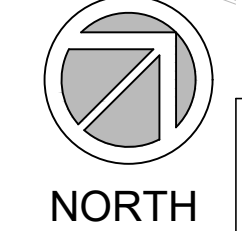
TYPICAL POLE BASE DETAIL
NTS



TYPICAL BOLLARD DETAIL
NTS



SITE PHOTOMETRIC STUDY PLAN
1/16" = 1'-0"



- GENERAL NOTES:**
1. SWITCH ARC IS DRAWN FOR REFERENCE ONLY AND DOES NOT REPRESENT ACTUAL BRANCH WIRING.
 2. ALL NIGHT LIGHTS, EXIT LIGHTS, EMERGENCY BATTERY UNITS AND OCCUPANCY SENSORS SHALL BE WIRED AHEAD OF ANY LIGHTING CONTROL SYSTEM THE PROJECT MAY CONTAIN.
 3. REFER TO SHEET E000 FOR MOUNTING STYLES, HEIGHTS AND LUMINAIRE PART NUMBERS.
 4. RECORD ANY AND ALL CHANGES TO THIS SHEET IN RED PEN FOR AS BUILT PURPOSES. SUBMIT AS BUILTS TO SUPERINTENDENT AT THE END OF THE PROJECT. MAKE REVISIONS AS JOB PROGRESSES NOT ALL AT ONCE IN THE END PLEASE WRITE LEGIBLY.
 5. TEST LIGHTS, EXITS, EMERGENCY BATTERY UNITS AND ALL SWITCHES PRIOR TO THE END OF THE PROJECT AND REPORT ANY FAILED COMPONENTS.
 6. PROGRAM AND TEST ALL OCCUPANCY SENSORS, TIME CLOCKS AND LIGHTING CONTACTORS PRIOR TO THE END OF THE PROJECT AND REPORT ANY FAILED COMPONENTS.
 7. INSTALL TYPED PANEL SCHEDULES UPON COMPLETION OF THE PROJECT.
 8. INSTALL ALL WALL PLATES LEVEL WITH THE SLOTS OF THE SCREW HEAD IN A VERTICAL POSITION.
 9. INSTALL ARC FLASH STICKERS AND PANEL IDENTIFICATION PER NEC.
 10. ALL NEW DEVICES MUST MATCH COLOR OF EXISTING DEVICES.
- ALL DRAWINGS ARE SCHEMATIC ONLY. THE INSTALLING ELECTRICAL CONTRACTOR SHALL BE THE ENGINEER OF RECORD. THE INSTALLING ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CALCULATIONS, SIZING, ENGINEERING AND MEETING OF NEC.



ELECTRICAL SITE LIGHTING SUBMITTAL

To: Moore Construction Services
Attn: Kathryn Sullivan

Project: Rogers Behavioral Health – Oconomowoc
34700 Valley Road
Oconomowoc, WI 53066

Submittal Number: (1)

Division: Electrical
Specification Section: 26 51 00
Description: Product Data

LYONS ELECTRIC APPROVAL STAMP

APPROVED
 APPROVED AS NOTED
 REVISE & RESUBMIT

Please review and send this submittal back as product will not be ordered until submittal is APPROVED.

Date: June 25, 2025

By: *Kevin Konkel*
Kevin Konkel
Design/Estimating Department Manager
Designer of Engineering Systems
Certified Master Electrician
TC Lyons Electric

VIPER Area/Site

VIPER LUMINAIRE

FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped



CONTROL TECHNOLOGY



SERVICE PROGRAMS



SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Both optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included
- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater than 20ft, a vibration damper is recommended

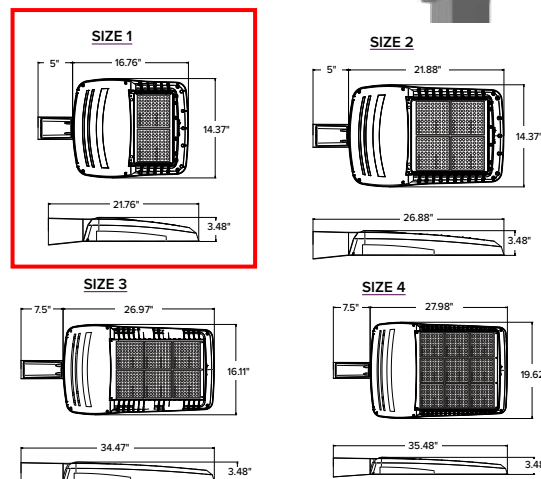
ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40°C to 40°C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard.
- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

MICRO STRIKE | STRIKE OPTICS



	EPA				Config
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to <http://www.designlights.org> for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to <https://www.currentlighting.com/resources/america-solutions>).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

 Gray Shading = Service Program
 Limit of 15 luminaires

QS10

Example: VP-2-320L-145-3K7-2-R-UNV-A3-BLT

CATALOG #

VP Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper Area	BLANK Micro Strike	1 Size 1	160L-35 ⁶ 35W - 5,500 Lumens 160L-50 ⁶ 50W - 7,500 Lumens 160L-75 75W - 10,000 Lumens 160L-100 100W - 12,500 Lumens 160L-115 115W - 15,000 Lumens 160L-135 135W - 18,000 Lumens 160L-160 160W - 21,000 Lumens	AP AP-Amber Phosphor Converted 27K8 2700K, 80 CRI 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 35K8 3500K, 80 CRI 3K9 3000K, 90 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 4K9 4000K, 90 CRI 5K7 5000K, 70 CRI 5K8 5000K, 80 CRI BLUE BLUE 450-455 nm	2 Type 2 3 Type 3 4F Type 4 Forward 4W Type 4 Wide 5QW Type 5 Square Wide	BLANK No Rotation L Optic rotation left R Optic rotation right	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V
		2 Size 2	320L-145 145W - 21,000 Lumens 320L-170 170W - 24,000 Lumens 320L-185 185W - 27,000 Lumens 320L-210 210W - 30,000 Lumens 320L-235 235W - 33,000 Lumens 320L-255 255W - 36,000 Lumens 320L-315 ⁶ 315W - 40,000 Lumens				
		3 Size 3	480L-285 285W - 40,000 Lumens 480L-320 320W - 44,000 Lumens 480L-340 340W - 48,000 Lumens 480L-390 390W - 52,000 Lumens 480L-425 425W - 55,000 Lumens 480L-470 470W - 60,000 Lumens				
		4 Size 4	720L-435 435W - 60,000 Lumens 720L-475 475W - 65,000 Lumens 720L-515 515W - 70,000 Lumens 720L-565 ⁶ 565W - 75,000 Lumens 720L-600 ⁶ 600W - 80,000 Lumens CLO Custom Lumen Output ¹				

Mounting	
A	Arm mount for square pole (B3 Drill Pattern) (Does not include round pole adapter)
A_	Arm mount for round pole ²
ASQU	Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern
A_U	Universal arm mount for round pole ²
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole ²
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole ²
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured
Color Option	
CC	Custom Color

Options	
F	Fusing
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
BC	Backlight Control ⁸
TB	Terminal Block
LS	Lumen Switch

Network Control Options	
NXWS-16F	NX Networked Wireless Enabled Integral NX SMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4}
NXWS-40F	NX Networked Wireless Enabled Integral NX SMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,3,4}
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{3,4}
WIR	LightGRID+ In-Fixture Module ^{3,4}
WIRSC-14F	LightGRID+ Module and Occupancy Sensor 14ft Mounting height ^{3,4}
WIRSC-40F	LightGRID+ Module and Occupancy Sensor 40ft Mounting height ^{3,4}
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle ⁴
7PR-SC	7-Pin Receptacle with shorting cap ⁴
7PR-TL	7-Pin PCR with NEMA photocontrol ⁴
3PR	3-Pin Receptacle ⁴
3PR-SC	3-Pin receptacle with shorting cap ⁴
3PR-TL	3-Pin PCR with NEMA photocontrol ⁴
Programmed Controls	
SCP_F	Sensor Control Programmable, 8F or 40F ⁹
ADD	AutoDim Timer Based Dimming ¹⁰
ADT	AutoDim Time of Day Dimming ¹⁰

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information

2 – Replace “_” with “3” for 3.5”-4.13” OD pole, “4” for 4.18”-5.25” OD pole, “5” for 5.5”-6.5” OD pole

3 – Networked Controls cannot be combined with other control options

4 – Not available with 2PF option

5 – Not available with Dual Driver option

6 – Some voltage restrictions may apply when combined with controls

7 – Not available with 480V

8 – BC not available on 4F and type 5 distributions

9 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.

10 – Please refer to page 8 for AutoDim ordering guide

VIPER Area/Site

VIPER LUMINAIRE

STRIKE OPTIC – ORDERING GUIDE

Example: VP-ST-1-36L-39-3K7-2-UNV-A-BLT

CATALOG #

VP	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper Area	ST Strike Optics	1 Size 1	36L-39 ⁸ 39W - 5,500 Lumens 36L-55 ⁸ 55W - 7,500 Lumens 36L-85 85W - 10,000 Lumens 36L-105 105W - 12,500 Lumens 36L-120 120W - 15,000 Lumens	27K8 2700K, 80 CRI 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 3K9 3000K, 90 CRI 35K8 3500K, 80 CRI	FR Auto Front Row 2 Type 2 3 Type 3 4F Type 4 Forward 4W Type 4 Wide 5QN Type 5 Square Narrow 5QW Type 5 Square Wide 5QM Type 5 Square Medium 5W Type 5 Wide (Round) 5RW Type 5 Rectangular C Corner Optic TC Tennis Court Optic	BLANK No Rotation L Optic rotation left R Optic rotation right	UNV 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V
		2 Size 2	72L-115 115W - 15,000 Lumens 72L-145 145W - 18,000 Lumens 72L-180 180W - 21,000 Lumens 72L-210 210W - 24,000 Lumens 72L-240 240W - 27,000 Lumens	4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 4K9 4000K, 90 CRI 5K7 5000K, 70 CRI 5K8 5000K, 80 CRI			
		3 Size 3	108L-215 ⁸ 215W - 27,000 Lumens 108L-250 250W - 30,000 Lumens 108L-280 280W - 33,000 Lumens 108L-325 325W - 36,000 Lumens 108L-365 365W - 40,000 Lumens				
		4 Size 4	162L-320 320W - 40,000 Lumens 162L-365 ¹⁰ 365W - 44,000 Lumens 162L-405 405W - 48,000 Lumens 162L-445 445W - 52,000 Lumens 162L-485 485W - 55,000 Lumens 162L-545 ⁸ 545W - 60,000 Lumens CLO Custom Lumen Output ¹				

Mounting	Color	Options	Network Control Options
A Arm mount for square pole (B3 Drill Pattern) (Does not include round pole adapter) A_L Arm mount for round pole ³ ASQU Universal arm mount for square pole A_U Universal arm mount for round pole ³ AAU Adjustable arm for pole mounting (universal drill pattern) AA_U Adjustable arm mount for round pole ³ ADU Decorative upswept Arm (universal drill pattern) AD_U Decorative upswept arm mount for round pole ³ MAF Mast arm fitter for 2-3/8" OD horizontal arm K Knuckle T Trunnion WB Wall Bracket, horizontal tenon with MAF	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth LGT Light Grey Gloss Textured PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGT Verde Green Textured Color Option CC Custom Color	F Fusing E Battery Backup ^{1,2,7,8,9} 2PF Dual Power Feed 2DR Dual Driver TE Toolless Entry BC Backlight Control TB Terminal Block LS Lumen Switch	NXWS-16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,4,5} NXWF-40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{1,4,5} NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{4,5} WIR LightGRID+ In-Fixture Module ^{4,5} WIRSC-14F LightGRID+ Module and Occupancy Sensor 14ft Mounting height ^{4,5} WIRSC-40F LightGRID+ Module and Occupancy Sensor 40ft Mounting height ^{4,5} Stand Alone Sensors BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens 7PR 7-Pin Receptacle ⁴ 7PR-SC 7-Pin Receptacle with shorting cap ⁴ 7PR-TL 7-Pin PCR with NEMA photocontrol ⁴ 3PR 3-Pin Receptacle ⁴ 3PR-SC 3-Pin receptacle with shorting cap ⁴ 3PR-TL 3-Pin PCR with NEMA photocontrol ⁴ Programmed Controls SCP_{-F} Sensor Control Programmable, 8F or 40F ¹¹ ADD AutoDim Timer Based Dimming ¹² ADT AutoDim Time of Day Dimming ¹²

¹ – Items with a grey background can be done as a custom order. Contact brand representative for more information

² – Battery temperature rating -20C to 55C

³ – Replace “_” with “3” for 3.5”-4.13” OD pole, “4” for 4.18”-5.25” OD pole, “5” for 5.5”-6.5” OD pole

⁴ – Networked Controls cannot be combined with other control options

⁵ – Not available with 2PF option

⁶ – Not available with 480V

⁷ – Not available with 347 or 480V

⁸ – Not available with Dual Driver option

⁹ – Only available in Size 1 housing, up to 105 Watts

¹⁰ – Some voltage restrictions may apply when combined with controls

¹¹ – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.

¹² – Please refer to page 8 for AutoDim ordering guide

VIPER Area/Site

VIPER LUMINAIRE

ORDERING GUIDE (CONT'D)

CATALOG #

Accessory Type	Size	Option	Color
SHD Shield	1 Size 1	HSS-90-B House Side Shield 90° Back	BLS Black Gloss Smooth
	2 Size 2	HSS-90-F House Side Shield 90° Front	BLT Black Matte Textured
	3 Size 3	HSS-90-S House Side Shield 90° Side	DBS Dark Bronze Gloss Smooth
	4 Size 4	HSS-270-BSS House Side Shield 270° Back/Side/Side	DBT Dark Bronze Matte Textured
		HSS-270-FSS House Side Shield 270° Front/Side/Side	GTT Graphite Matte Textured
		HSS-270-FSB House Side Shield 270° Front/Side/Back	LGS Light Gray Gloss Smooth
		HSS-360 House Side Shield 360°	PSS Platinum Silver Smooth
		BC Back Light Control	WHS White Gloss Smooth
		A Arm mount for square pole (B3 Drill Pattern) (Does not include round pole adapter)	WHT White Matte Textured
		ASQU Universal Arm Mount for square pole	VGT Green Landscape Decorative
		AAU Adjustable Arm for pole mounting	LEG Legacy Colors
		ADU Decorative upswept Arm	Color Option
		RPA Round Pole Adapter	CC Custom Color
		MAF Mast Arm Fitter for 2-3/8" OD horizontal arm	
		K Knuckle	
		T Trunnion	
		WB Wall Bracket (compatible with universal arm mounts)	
MTG Mounting			
Accessory Type		Option	
MSC Miscellaneous		BIRD SPK Bird Spike	

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

NXOFM-1R1D-UNV On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

LightGRID+ Lighting Control

WIR-RME-L On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC

SCP-REMOTE Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor

For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

VIPER Area/Site

VIPER LUMINAIRE

VIPER POLE EXPRESS COMBO – ORDERING GUIDE



Catalog Number	Pole	Single or Double Head	Fixture	Lumens*	Wattage	Distribution	CCT/CRI	Mounting	Finish
VP-1-160-4K-3-LS-S20	20' Square Straight Steel	Single	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20	20' Square Straight Steel	Single	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25	25' Square Straight Steel	Single	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-4K-3-LS	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25	25' Square Straight Steel	Single	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-4K-4F-LS	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20	20' Square Straight Steel	Single	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20	20' Square Straight Steel	Single	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20-2X	20' Square Straight Steel	Double	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25	25' Square Straight Steel	Single	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-5K-3-LS	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25	25' Square Straight Steel	Single	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25-2X	25' Square Straight Steel	Double	VP-1-160-5K-4F-LS	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – STOCK LUMINAIRE SKUS

Catalog Number	Lumens	LPW	Distribution	Wattage	CCT/CRI	Voltage	Mounting	Finish
VP-1-160-4K-3-LS	19584	123.9	3	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-4K-4F-LS	19426	122.9	4F	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-3-LS	19499	123.4	3	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-4F-LS	19186	121.4	4F	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – ACCESSORIES

Catalog Number	Description
VM14DB	Vibration Dampener, mounts to top of pole for reduced vibration



VIPER Area/Site

VIPER LUMINAIRE

OUTDOOR LIGHTING CONTROLS OPTIONS CONTROLS FUNCTIONALITY LIGHT GRID+

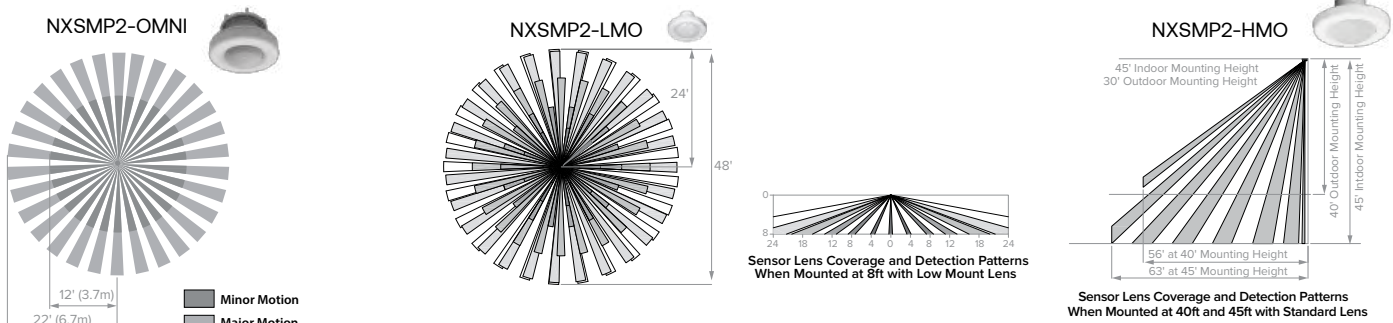
Control Option Ordering Logic & Description	Control Option Functionality									Control Option Components
	Networkable	Grouping	Scheduling	Occupancy/Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
NX Wireless NXOFMIRID-UNV NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming	✓	✓	✓	Paired with external control	✓	✓	✓	✓	-	NXOFM-1RID-UV
NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	-	-	✓	✓	✓	-	NXRM2-H
NXWS12F NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft	NXSMP2-OMNI-O
NXWS16F NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft	NXSMP2-LMO
NXWS40F NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft	NXSMP2-HMO
LightGRID+ WIR LightGRID+ In-Fixture Module	✓	-	✓	-	-	✓	✓	Gateway	-	WIR
WIR-RME-L LightGRID+ On Fixture Module	✓	-	✓	-	-	✓	✓	Gateway	-	WIR-RME-L
WIRSC LightGRID+ Module and Occupancy Sensor	✓	✓	✓	✓	✓	✓	✓	Gateway	14ft - 40ft	BTMSP
Independent BTSO-12F Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	12ft	BTSMP-OMNI-O
BTS-14F Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	14ft	BTSMP-LMO
BTS-40F Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓	40ft	BTSMP-HMO

DEFAULT SETTINGS

NX Wireless	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	15 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	0%
	Daylight Sensor	Disabled
	Bluetooth	Enabled
	2.4GHz Wireless Mesh	On
	Passcode Factory Passcode: HubbN3T!	Enabled

Stand Alone	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	8 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	50%
	Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS



VIPER Area/Site

VIPER LUMINAIRE

NX LIGHTING CONTROLS FREE APP

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)



The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminaires and program NX system settings.

Apple App: <https://apps.apple.com/us/app/nx-lighting-controls/id962112904>

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&q=US



Apple App

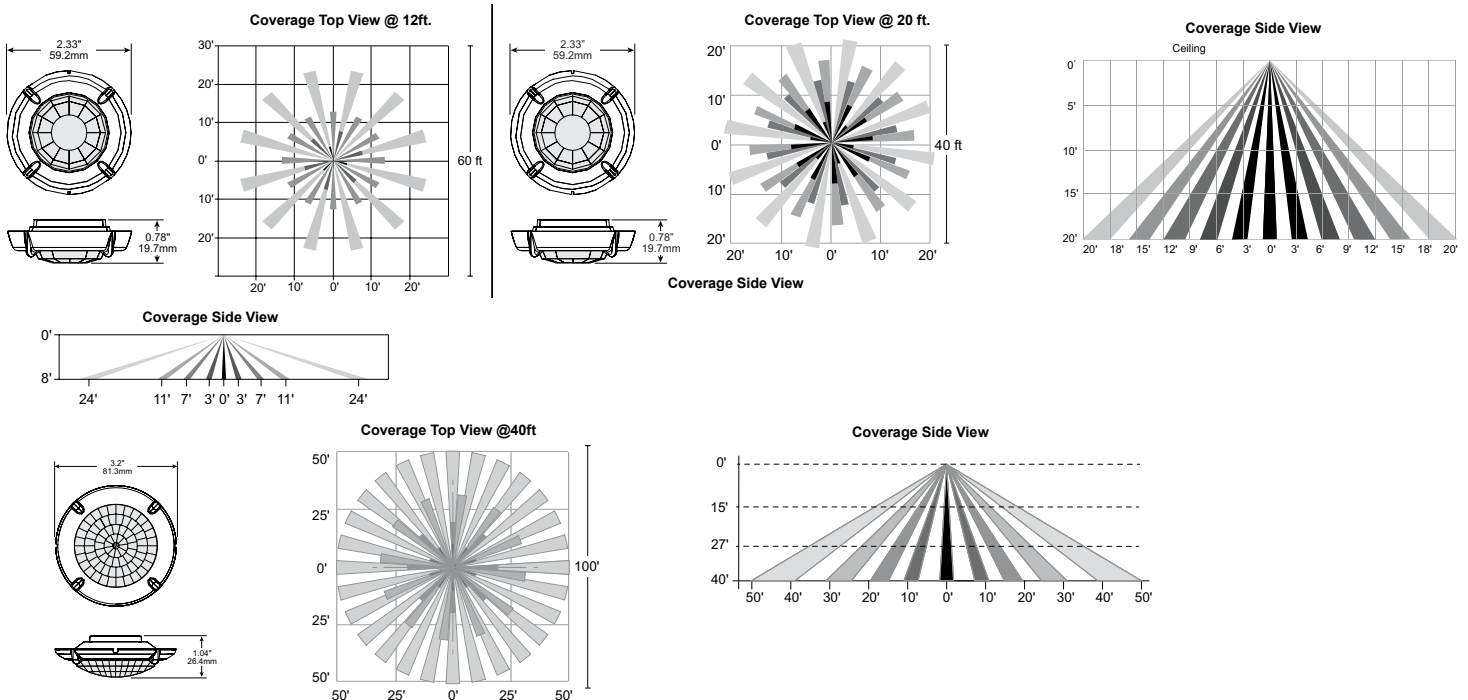


Google Play

OUTDOOR LIGHTING CONTROLS OPTIONS CONTROLS FUNCTIONALITY

Control Option Ordering Logic & Description	Control Option Functionality										Control Option Components
	Networkable	Grouping	Scheduling	Occupancy/Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
SCP_F Sensor Control Programmable, 8F or 40F	-	-	-	✓	✓	✓	✓	-	8ft or 40ft		SCP_F
ADD AutoDIM Timer Based Dimming	-	-	✓	-	-	-	✓	-	-		ADD
ADT AutoDIM Time of Day Dimming	-	-	✓	-	-	-	✓	-	-		ADT
7PR 7-Pin Receptacle	-	-	Paired with external control	-	Paired with external control	-	Paired with external control	-	-		7PR
7PR-SC 7-Pin Receptacle with shorting cap	-	-	-	-	-	-	-	-	-		7PR-SC
3PR 3-Pin twist lock	-	-	-	-	-	-	Paired with external control	-	-		3PR
3PR-SC 3-Pin Receptacle with shorting cap	-	-	-	-	-	-	-	-	-		3PR-SC
3PR-TL 3-Pin with photocontrol	-	-	-	-	✓	-	✓	-	-		3PR-TL

COVERAGE PATTERNS FOR SCP_F



VIPER Area/Site

VIPER LUMINAIRE

PROGRAMMED CONTROLS

ADD-AutoDim Timer Based Options

- Light delay options from 1-9 hours after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1-9 hours after the light has been dimmed previously.

EX: ADD-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	1-9 Hours	6 - Delay 6 hours
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50% brightness
Auto-Dim Return	Delay 0-9 Hours	R6 - Return to full output after 6 hours

ADT-AutoDim Time of Day Based Option

- Light delay options from 1AM-9PM after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1AM-9PM after the light has been dimmed previously.

EX: ADT-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	12-3 AM and 6-11 PM	6 - Dim at 6PM
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50%
Auto-Dim Return	12-6 AM and 9-11P	R6 - Return to full output at 6AM

ORDERING GUIDE

Auto Dim Code	Timer Base (ADD) Auto-Dim Options		Auto Dim Cod	Time of Day (ADT) Auto-Dim Options	Code	Auto-Dim Brightness	Code	Auto-Dim Return Options	Code	Auto-Dim Brightness
D1	Delay 1 hour	OR	T0	Delay Midnight	0	100% Brightness	R1	Delay 1 hour or 1 AM	0	100% Brightness
D2	Delay 2 hours		T1	Delay 1 AM	1	10% Brightness	R2	Delay 2 hours or 2 AM	1	10% Brightness
D3	Delay 3 hours		T2	Delay 2 AM	2	20% Brightness	R3	Delay 3 hours or 3 AM	2	20% Brightness
D4	Delay 4 hours		T3	Delay 3 AM	3	30% Brightness	R4	Delay 4 hours or 4 AM	3	30% Brightness
D5	Delay 5 hours		T4	Delay 10 PM	4	40% Brightness	R5	Delay 5 hours or 5 AM	4	40% Brightness
D6	Delay 6 hours		T5	Delay 11 PM	5	50% Brightness	R6	Delay 6 hours or 6 AM	5	50% Brightness
D7	Delay 7 hours		T6	Delay 6 PM	6	60% Brightness	R7	Delay 7 hours or 7 AM	6	60% Brightness
D8	Delay 8 hours		T7	Delay 7 PM	7	70% Brightness	R8	Delay 8 hours or 8 AM	7	70% Brightness
D9	Delay 9 hours		T8	Delay 8 PM	8	80% Brightness	R9	Delay 9 hours or 9 AM	8	80% Brightness
D0	Delay 0 hours		T9	Delay 9 PM	9	90% Brightness	R0	Delay 0 hours or 12 AM	9	90% Brightness

DELIVERED LUMENS

For delivered lumens, please see Lumens Data PDF on www.Currentlighting.com

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	0	25,000	*TM-21-11 36,000	50,000	100,000	Calculated L ₇₀ (Hours)
25°C / 77°F	1.00	0.97	0.96	0.95	0.91	408,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.89	356,000

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature			Micro Strike Lumen Multiplier				Strike Lumen Multiplier			
Ambient Temperature		Lumen Multiplier	CCT	70 CRI	80 CRI	90 CRI	CCT	70 CRI	80 CRI	90 CRI
0°C	32°F	1.03	2700K	-	0.841	-	2700K	0.9	0.81	0.62
10°C	50°F	1.01	3000K	0.977	0.861	0.647	3000K	0.933	0.853	0.659
20°C	68°F	1.00	3500K	-	0.900	-	3500K	0.959	0.894	0.711
25°C	77°F	1.00	4000K	1	0.926	0.699	4000K	1	0.9	0.732
30°C	86°F	0.99	5000K	1	0.937	0.791	5000K	1	0.9	0.732
40°C	104°F	0.98	AP-Amber Phosphor Converted Multiplier				Monochromatic Amber Multiplier			
			Amber	0.710			Amber	See Amber Spec Sheet		

VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: MICRO STRIKE

# OF LEDS	160						
NOMINAL WATTAGE	35	50	75	100	115	135	160
SYSTEM POWER (W)	34.9	50.5	72.1	97.2	111.9	132.2	157.8
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.29	0.42	0.63	0.83	0.96	1.13	1.33
208	0.17	0.24	0.36	0.48	0.55	0.65	0.77
240	0.15	0.21	0.31	0.42	0.48	0.56	0.67
277	0.13	0.18	0.27	0.36	0.42	0.49	0.58
347	0.10	0.14	0.22	0.29	0.33	0.39	0.46
480	0.07	0.10	0.16	0.21	0.24	0.28	0.33

# OF LEDS	320						
NOMINAL WATTAGE	145	170	185	210	235	255	315
SYSTEM POWER (W)	150	166.8	185.7	216.2	240.9	261.5	312
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	1.21	1.42	1.54	1.75	1.96	2.13	2.63
208	0.70	0.82	0.89	1.01	1.13	1.23	1.51
240	0.60	0.71	0.77	0.88	0.98	1.06	1.31
277	0.52	0.61	0.67	0.76	0.85	0.92	1.14
347	0.42	0.49	0.53	0.61	0.68	0.73	0.91
480	0.30	0.35	0.39	0.44	0.49	0.53	0.66

# OF LEDS	480					
NOMINAL WATTAGE	285	320	340	390	425	470
SYSTEM POWER (W)	286.2	316.7	338.4	392.2	423.2	468
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	2.38	2.67	2.83	3.25	3.54	3.92
208	1.37	1.54	1.63	1.88	2.04	2.26
240	1.19	1.33	1.42	1.63	1.77	1.96
277	1.03	1.16	1.23	1.41	1.53	1.70
347	0.82	0.92	0.98	1.12	1.22	1.35
480	0.59	0.67	0.71	0.81	0.89	0.98

# OF LEDS	720				
NOMINAL WATTAGE	435	475	515	565	600
SYSTEM POWER (W)	429.3	475	519.1	565.2	599.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	3.63	3.96	4.29	4.71	5.00
208	2.09	2.28	2.48	2.72	2.88
240	1.81	1.98	2.15	2.35	2.50
277	1.57	1.71	1.86	2.04	2.17
347	1.25	1.37	1.48	1.63	1.73
480	0.91	0.99	1.07	1.18	1.25

VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: STRIKE

# OF LEDS	36				
NOMINAL WATTAGE	39	55	85	105	120
SYSTEM POWER (W)	39.6	56.8	83.6	108.2	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.33	0.46	0.71	0.88	0.96
208	0.19	0.26	0.41	0.50	0.55
240	0.16	0.23	0.35	0.44	0.48
277	0.14	0.20	0.31	0.38	0.42
347	0.11	0.16	0.24	0.30	0.33
480	0.08	0.11	0.18	0.22	0.24

# OF LEDS	72				
NOMINAL WATTAGE	115	145	180	210	240
SYSTEM POWER (W)	113.7	143.2	179.4	210.2	241.7
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	1.00	1.21	1.50	1.75	1.79
208	0.58	0.70	0.87	1.01	1.03
240	0.50	0.60	0.75	0.88	0.90
277	0.43	0.52	0.65	0.76	0.78
347	0.35	0.42	0.52	0.61	0.62
480	0.25	0.30	0.38	0.44	0.45

# OF LEDS	108				
NOMINAL WATTAGE	215	250	280	325	365
SYSTEM POWER (W)	214.8	250.8	278.3	324.7	362.6
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	2.00	2.08	2.33	3.04	2.67
208	1.15	1.20	1.35	1.75	1.54
240	1.00	1.04	1.17	1.52	1.33
277	0.87	0.90	1.01	1.32	1.16
347	0.69	0.72	0.81	1.05	0.92
480	0.50	0.52	0.58	0.76	0.67

# OF LEDS	162					
NOMINAL WATTAGE	320	365	405	445	485	545
SYSTEM POWER (W)	322.1	362.6	403.6	445.1	487.1	543.9
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	2.71	2.67	3.38	3.71	4.04	4.54
208	1.56	1.54	1.95	2.14	2.33	2.62
240	1.35	1.33	1.69	1.85	2.02	2.27
277	1.17	1.16	1.46	1.61	1.75	1.97
347	0.94	0.92	1.17	1.28	1.40	1.57
480	0.68	0.67	0.84	0.93	1.01	1.14

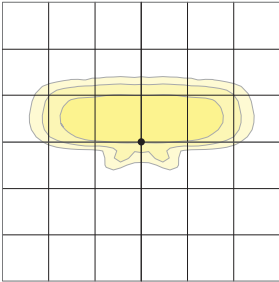
VIPER Area/Site

VIPER LUMINAIRE

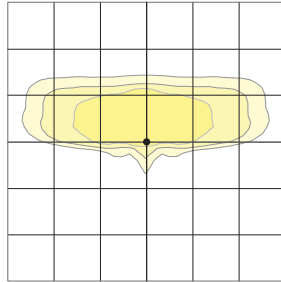
MICRO STRIKE PHOTOMETRY

The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

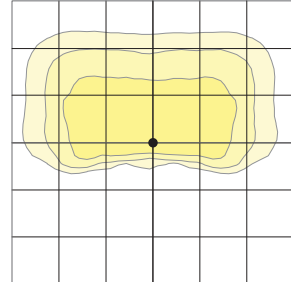
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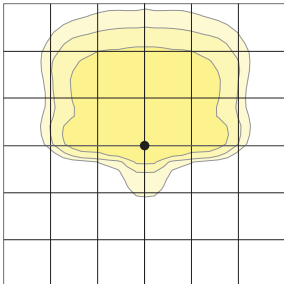
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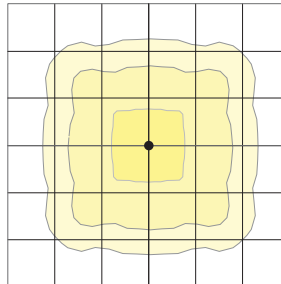
Type 4 Wide



Type 4F



Type 5QW



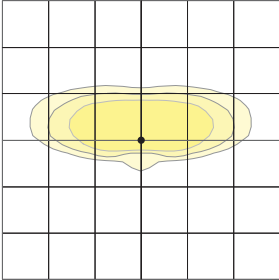
VIPER Area/Site

VIPER LUMINAIRE

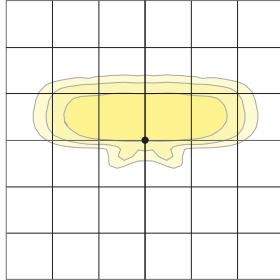
OPTIC STRIKE PHOTOMETRY

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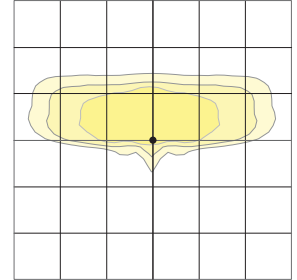
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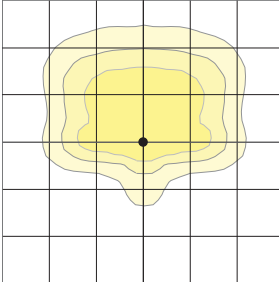
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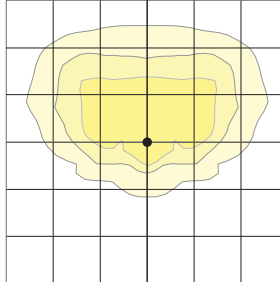
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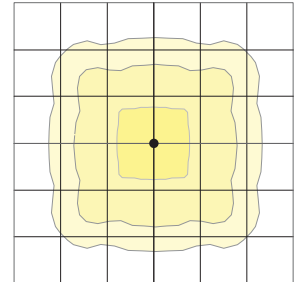
Type 4 Forward



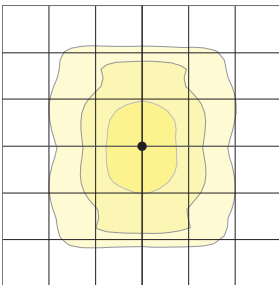
Type 4 Wide



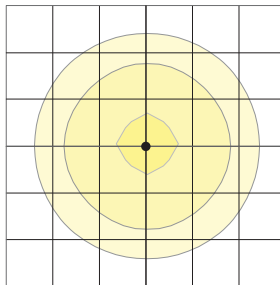
Type 5QM



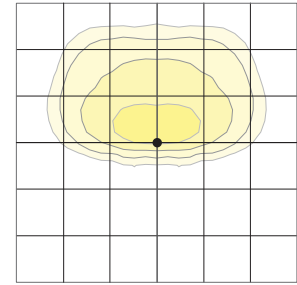
Type 5RW (rectangular)



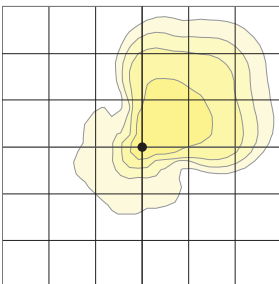
Type 5W (round wide)



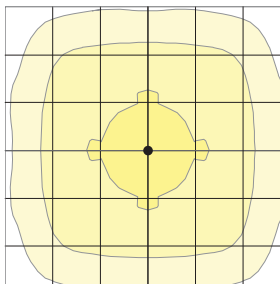
Type TC



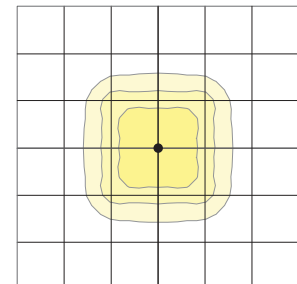
Type Corner



Type 5QW



Type 5QN

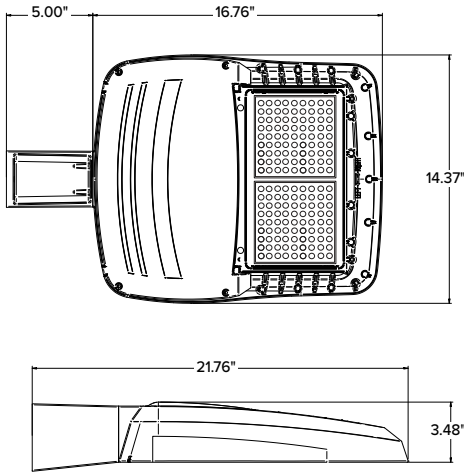


VIPER Area/Site

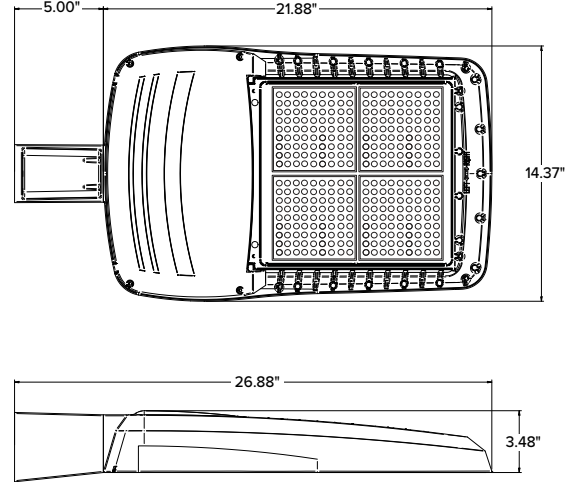
VIPER LUMINAIRE

DIMENSIONS

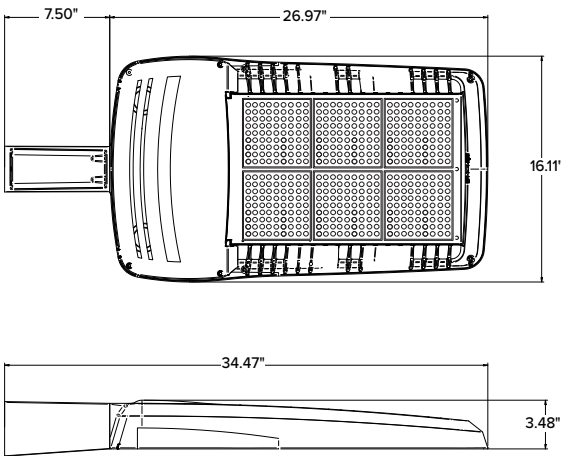
SIZE 1



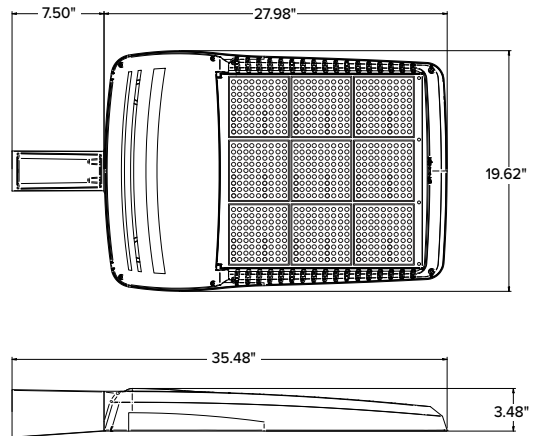
SIZE 2









SIZE 3



SIZE 4



	EPA				Config.
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

	Weight	
	lbs	kgs
VP1 (Size 1)	13.7	6.2
VP2 (Size 2)	16.0	7.26
VP3 (Size 3)	25.9	11.7
VP4 (Size 4)	30.8	13.9

VIPER Area/Site

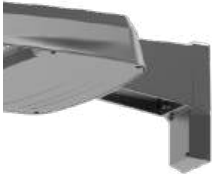
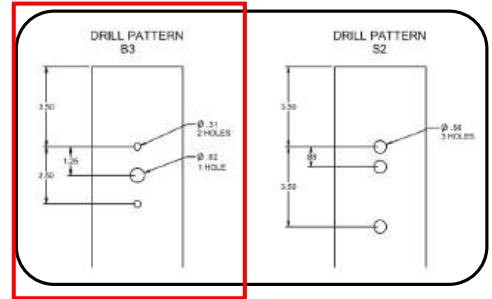
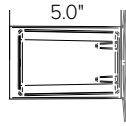
VIPER LUMINAIRE

MOUNTING



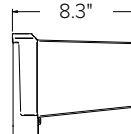
A-STRAIGHT ARM MOUNT

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)



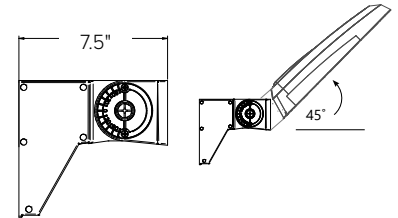
ASQU-UNIVERSAL ARM MOUNT

Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)



AAU-ADJUSTABLE ARM FOR POLE MOUNTING

Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5° aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



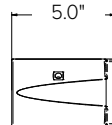
ADU-DECORATIVE UPSWEPT ARM

Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).



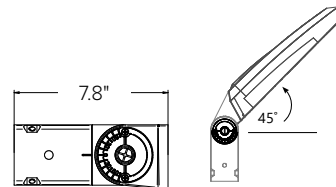
MAF-MAST ARM FITTER

Fits 2-3/8" OD horizontal tenons.



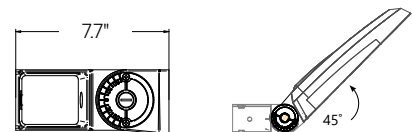
K-KNUCKLE

Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



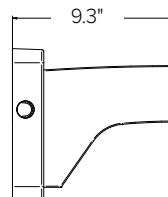
T-TRUNNION

Trunnion for surface and crossarm mounting using (1) 3/4" or (2) 1/2" size through bolts. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



WM-WALL MOUNT

Compatible with universal arm mount, adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative arm with an adjustable arm.



VIPER Area/Site

VIPER LUMINAIRE

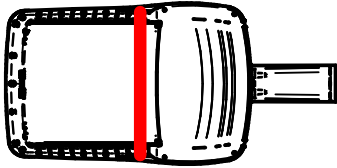
ADDITIONAL INFORMATION (CONTINUED)

HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

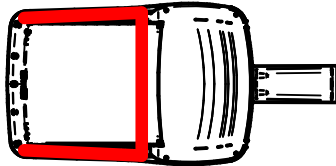
HSS has a depth of 5" for all Viper sizes

Not to be used with Occupancy Sensors as the shield may block the light to the sensor.

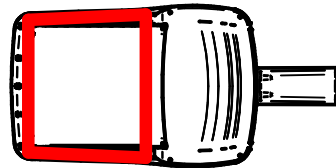
VPR2x HSS-90-B-xx



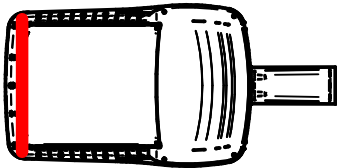
VPR2x HSS-270-BSS-xx



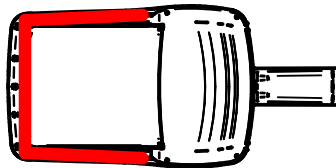
VPR2x HSS-360-xx



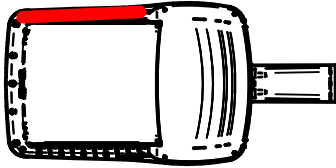
VPR2x HSS-90-F-xx



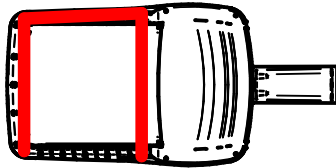
VPR2x HSS-270-FSS-xx



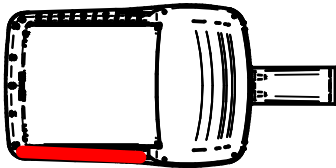
VPR2x HSS-90-S-xx



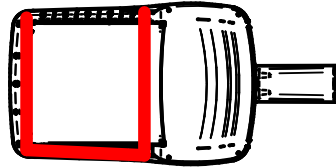
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



SSS-B Series Poles

SQUARE STRAIGHT STEEL

Type: OA4F
 Project: Rogers Behavioral Health Oconomowoc
 Catalog#: VP-1-160L-160-3K7-4F-UNV-A-DBT/SSSB15.5-40A-1-B3-DBT

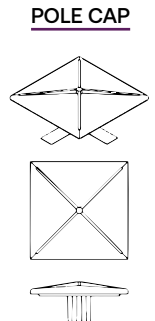
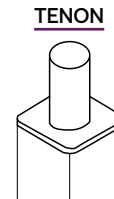
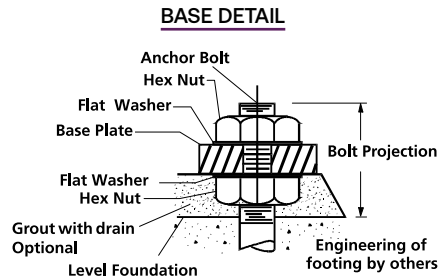
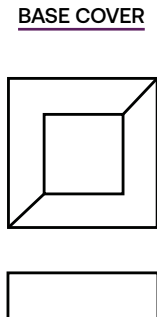
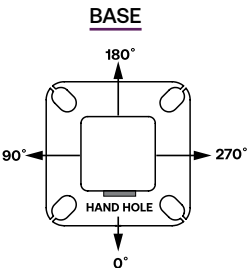
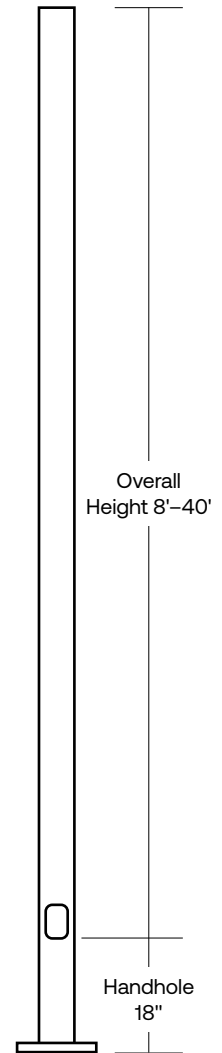
SPECIFICATIONS

CONSTRUCTION

- Shaft: One-piece straight steel with square cross section, flat sides and minimum 0.23" radius on all corners; Minimum yield of 46,000 psi (ASTM-A500, Grade B); Longitudinal weld seam to appear flush with shaft side wall; Steel base plate with axial bolt circle slots welded flush to pole shaft having minimum yield of 36,000 psi (ASTM A36)
- Base cover: Two-piece square aluminum base cover included standard
- Pole cap: Pole shaft supplied with removable cover when applicable; Tenon and post-top configurations also available
- Hand hole: Rectangular 3x5 steel hand hole frame (2.38" x 4.38" opening); Mounting provisions for grounding lug located behind gasketed cover
- Anchor bolts: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling
 - Anchor bolt part numbers: 3/4 x 30 x 3 — TAB-30-M38
1 x 36 x 4 — TAB-36-M38
- Durable thermoset polyester powder coat paint finish with nominal 3.0 mil thickness
- Powder paint prime applied over "white metal" steel substrate cleaned via mechanical shot blast method
- Decorative finish coat available in multiple standard colors; Custom colors available; RAL number preferable

INSTALLATION

- Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location



SSS-B Series Poles

SQUARE STRAIGHT STEEL

ORDERING INFORMATION

Example: SSS-B-25-40-A-2L-S2-DBT-UL

SSS-B	Height	Shaft	Thickness	Mounting	Drill Pattern	Finish	Options
Series SSS-B Square Straight Steel Pole Beacon	Reference page 3 Ordering matrix 15'-6"	Reference page 3 Ordering matrix 40	Reference page 3 Ordering matrix A - .125" Wall B - .188" Wall C - .250" Wall	1 Single arm mount 2 Two fixtures at 180° 2L Two fixtures at 90° 3T Three fixtures at 90° 4 Four fixtures at 90° TA Tenon (2.38" OD x 4" Tall) TB Tenon (2.88" OD x 4" Tall) TC Tenon (3.5" OD x 6" Tall) TR ¹ Removable Tenon (2.375" x 4.25") OT Open Top (includes pole cap)	B1 Cruiser, "AM" arm B3 2 bolt (2-1/2" spacing), Viper "A" arm S2 2 bolt (3-1/2" spacing), Viper "AD" arm UDP Universal Drill Pattern	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGT Light Grey Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VG Verde Green Textured Color Option CC Custom Color ²	GFI ³ 20 Amp GFCI Receptacle and Cover EHH ³ Extra Handhole C05 ³ 5" Coupling C07 ³ .75" Coupling C20 ³ 2" Coupling MPB ³ Mid-pole Luminaire Bracket VM1 ⁴ Mode vibration dampener VM2 ⁵ 2nd mode vibration dampener LAB Less Anchor Bolts UL UL Certified

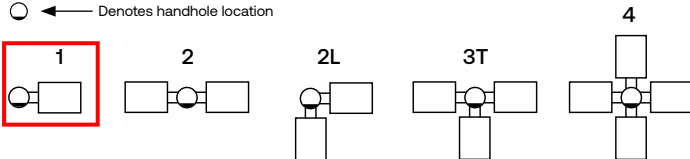
Accessories (Order Separately)

- VM2S08 Field-installed 2nd mode vibration dampener - 8 ft
- VM2S12 Field-installed 2nd mode vibration dampener - 12 ft
- VM2S16 Field-installed 2nd mode vibration dampener - 16 ft
- VM2S20 Field-installed 2nd mode vibration dampener - 20 ft
- VM2S25 Field-installed 2nd mode vibration dampener - 25 ft

- 1 Removable tenon used in conjunction with side arm mounting. First specify desired arm configuration followed by the "TR" notation. Example: SSS-B-25-40-A-1-B1-TR-BBTT.
- 2 Custom colors available; RAL number preferable
- 3 Specify option location using logic found on page 3 (Option Orientation).
- 4 VM1 recommended on poles 20' and taller with EPA of less than 1.
- 5 There will be a weld witness mark on the side of the pole with the Factory installed VM2

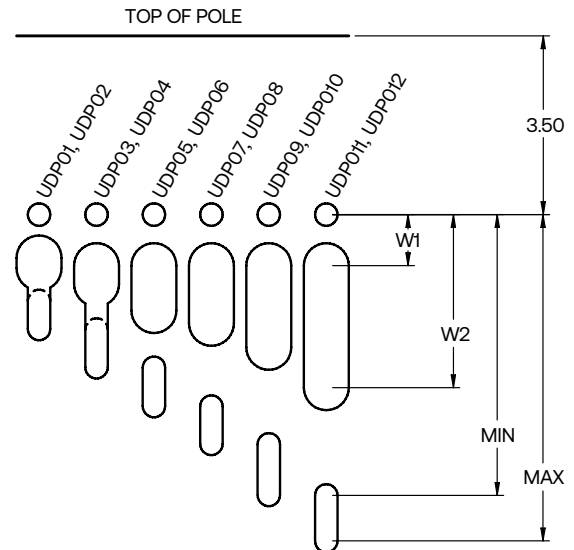
MOUNTING ORIENTATION

○ ← Denotes handhole location



DRILL PATTERNS

UNIVERSAL DRILL PATTERN (UDP)



Two Bolt Mounting with Center Wireway						
Mounting Hardware	Universal Mounting Patterns					
3/8" or less	UDP01	UDP03	UDP05	UDP07	UDP09	UDP011
7/8" to 1/2"	UDP02	UDP04	UDP06	UDP08	UDP10	UDP012
"Min" Attachment Dimension	1.69	2.25	3.00	3.76	4.50	5.50
"Max" Attachment Dimension	2.24	2.99	3.75	4.49	5.49	6.00
W1 (Wireway min)	0.85	1.00	1.00	1.00	1.00	1.00
W2 (Wireway max)	1.05	1.36	1.88	2.13	2.60	3.00

SSS-B Series Poles

SQUARE STRAIGHT STEEL

ORDERING INFORMATION (CONTINUED)

CATALOG NUMBER	HEIGHT		NOMINAL SHAFT DIMENSIONS	WALL THICKNESS	BOLT CIRCLE (SUGGESTED)	BOLT CIRCLE (RANGE)	BASE PLATE SQUARE	ANCHOR BOLT SIZE	BOLT PROJECTION	POLE WEIGHT (LBS)
	FEET	METERS								
SSS-B-10-40-A-XX-XX	10	3.0	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	77
SSS-B-12-40-A-XX-XX	12	3.7	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	90
SSS-B-14-40-A-XX-XX	14	4.3	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	103
SSS-B-16-40-A-XX-XX	16	4.9	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	116
SSS-B-18-40-A-XX-XX	18	5.5	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	129
SSS-B-20-40-A-XX-XX	20	6.1	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	142
SSS-B-25-40-A-XX-XX	25	7.6	4" square	.0125"	9"	8" - 10"	9"	3/4" x 30" x 3"	3.5	175
SSS-B-14-40-B-XX-XX	14	4.3	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	152
SSS-B-16-40-B-XX-XX	16	4.9	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	171
SSS-B-18-40-B-XX-XX	18	5.5	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	190
SSS-B-20-40-B-XX-XX	20	6.1	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	209
SSS-B-25-40-B-XX-XX	25	7.6	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	257
SSS-B-30-40-B-XX-XX	30	9.1	4" square	.188"	11"	10" - 12"	10.50"	3/4" x 30" x 3"	3.5	304
SSS-B-16-50-B-XX-XX	16	4.9	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	219
SSS-B-18-50-B-XX-XX	18	5.5	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	243
SSS-B-20-50-B-XX-XX	20	6.1	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	267
SSS-B-25-50-B-XX-XX	25	7.6	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	327
SSS-B-30-50-B-XX-XX	30	9.1	5" square	.188"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	387
SSS-B-25-50-C-XX-XX	25	7.6	5" square	.25"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	427
SSS-B-30-50-C-XX-XX	30	9.1	5" square	.25"	11"	10.25" - 13.25"	11.50"	1" x 36" x 4"	4.5	507
SSS-B-20-60-B-XX-XX	20	6.1	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	329
SSS-B-25-60-B-XX-XX	25	7.6	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	404
SSS-B-30-60-B-XX-XX	30	9.1	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	479
SSS-B-35-60-B-XX-XX	35	10.7	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	554
SSS-B-40-60-B-XX-XX	40	12.2	6" square	.188"	12"	11.00" - 13.25"	12.25"	1" x 36" x 4"	4.5	629

- Notes:**
- Factory supplied template must be used when setting anchor bolts. Current will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.
 - For more information about pole vibration and vibration dampeners, please consult factory.
 - Unwrap poles immediately upon receipt to avoid condensation build up and possible corrosion.
 - There will be a weld witness mark on the side of the pole with the Factory installed VM2.

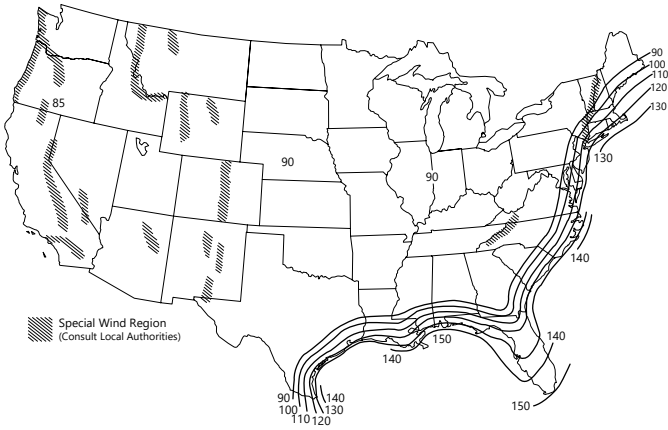
<p>EHH Extra handhole</p> <p>Provision for Grounding</p>	<p>C05 / C07 / C20 Coupling</p> <p>2" -11.5 NPSC Threads 3/4" - 14 NPSC Threads 1/2" - 14 NPSC Threads</p>	<p>VM1 1st mode vibration dampener</p> <p>Field Installed Pole Top dampener designed to reduce pole top deflection or sway. VM1 is recommended for pole systems 25' and taller with a total EPA of 1.0 or less.</p>	<p>VM2¹ 2nd mode vibration dampener</p> <p>Factory installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.</p>	<p>VM2SXX Field-installed 2nd mode vibration dampener</p> <p>VM2S08 - 8' VM2S12 - 12' VM2S16 - 16' VM2S20 - 20' VM2S24 - 24'</p> <p>Field installed, internal dampener designed to alter pole resonance to reduce movement and material fatigue caused by 2nd mode vibration.</p>
<p>GFI 20 Amp GCFI Receptacle & Cover</p>	<p>MPB Mid Pole Bracket</p>	<p>Option Orientation</p> <p>Follow the logic below when ordering location specific options. For each option, include its orientation (in degrees) and its height (in feet).</p> <p>Example: Option C05 should be ordered as: SSS-B-20-40-A-TA-DBT-C05-0-15 (5" coupling on the handhole/arm side of pole, 15' up from the pole base) 1' spacing required between option. Consult factory for other configurations.</p>		

SSS-B Series Poles

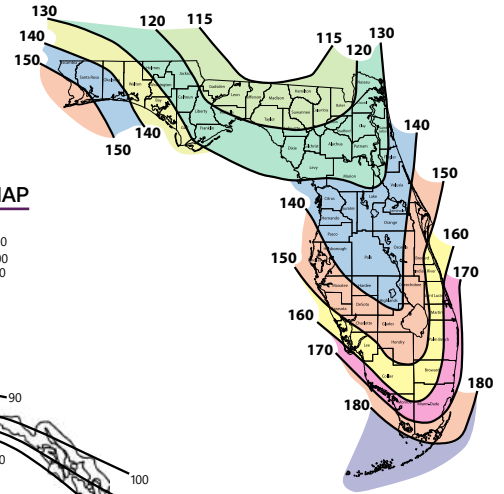
SQUARE STRAIGHT STEEL

WIND MAPS

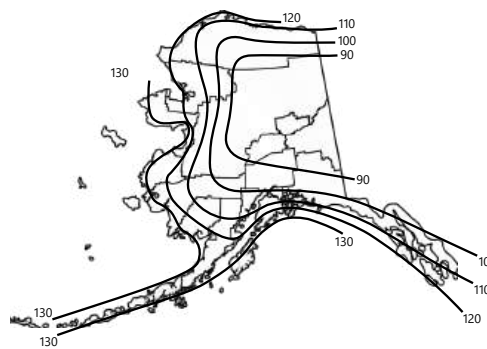
ASCE7-05 WIND MAP



FLORIDA REGION WIND MAP



ALASKA REGION WIND MAP



HAWAII – 105 mph
PUERTO RICO – 145 mph

*Printed with permission from ASCE

Florida region wind map above is based upon 3-second gust winds and the 2017 Florida Building Code.

ASCE 7-05 wind map EPA Load Rating - 3 second gust wind speeds
(Use for all locations except Florida)

Catalog Number	85	90	100	105	110	120	130	140	145	150
SSS-B-10-40-A	25.0	25.0	25.0	22.8	20.6	17.0	14.2	11.9	11.0	10.1
SSS-B-12-40-A	25.0	25.0	20.0	18.0	16.1	13.2	10.8	8.9	8.1	7.4
SSS-B-14-40-A	23.1	20.4	16.1	14.3	12.8	10.2	8.2	6.6	5.9	5.3
SSS-B-16-40-A	19.0	16.7	13.0	11.5	10.1	7.9	6.2	4.7	4.1	3.6
SSS-B-18-40-A	15.6	13.6	10.0	9.0	7.8	5.9	4.4	3.1	2.6	2.1
SSS-B-20-40-A	12.7	10.9	7.9	6.9	5.9	4.2	2.8	1.7	1.3	0.9
SSS-B-25-40-A	7.3	5.9	3.8	2.9	2.1	0.8	NR	NR	NR	NR
SSS-B-14-40-B	25.0	25.0	23.3	20.8	18.6	15.1	12.3	10.2	9.2	8.4
SSS-B-16-40-B	25.0	24.9	19.4	17.3	15.4	12.3	9.9	8.0	7.2	6.4
SSS-B-18-40-B	24.0	20.8	16.1	14.2	12.5	9.8	7.7	6.1	5.3	4.7
SSS-B-20-40-B	20.2	17.5	13.2	11.6	10.1	7.7	5.9	4.4	3.8	3.2
SSS-B-25-40-B	12.8	11.0	7.9	6.7	5.5	3.7	2.3	1.2	0.7	NR
SSS-B-30-40-B	8.0	6.6	4.1	3.1	2.2	0.8	NR	NR	NR	NR
SSS-B-16-50-B	25.0	25.0	25.0	25.0	24.8	20.1	16.5	13.6	12.3	11.2
SSS-B-18-50-B	25.0	25.0	25.0	22.9	20.4	16.4	13.2	10.7	9.6	8.6
SSS-B-20-50-B	25.0	25.0	21.3	18.9	16.7	13.2	10.4	8.1	7.2	6.3
SSS-B-25-50-B	20.7	17.8	13.3	11.5	9.8	7.2	5.0	3.3	2.6	1.9
SSS-B-30-50-B	13.5	11.3	7.7	6.2	4.9	2.8	1.1	NR	NR	NR
SSS-B-25-50-C	25.0	25.0	19.4	17.1	15.1	11.7	9.0	6.9	6.0	5.1
SSS-B-30-50-C	20.1	17.3	12.7	10.9	9.3	6.6	4.5	2.8	2.1	1.4
SSS-B-20-60-B	25.0	25.0	25.0	25.0	25.0	20.2	16.1	12.9	11.5	10.3
SSS-B-25-60-B	25.0	25.0	20.6	18.0	15.6	11.8	8.7	6.2	5.2	4.2
SSS-B-30-60-B	21.4	18.1	12.9	10.7	8.8	5.7	3.3	1.3	NR	NR
SSS-B-35-60-B	14.0	11.3	6.9	5.2	3.6	1.0	NR	NR	NR	NR
SSS-B-40-60-B	8.1	5.8	2.2	nr	NR	NR	NR	NR	NR	NR

Florida Building Code 2017 EPA Load Rating - 3 second gust wind speeds
(Use for Florida only)

Catalog Number	115	120	130	140	150	160	170	180
SSS-B-10-40-A	25.0	25.0	25.0	25.0	21.4	18.4	15.9	13.9
SSS-B-12-40-A	25.0	25.0	23.6	19.8	16.7	14.2	12.1	10.4
SSS-B-14-40-A	25.0	23.1	19.0	15.7	13.1	10.9	9.1	7.6
SSS-B-16-40-A	20.8	18.7	15.2	12.3	10.1	8.2	6.7	5.4
SSS-B-18-40-A	16.8	15.0	11.9	9.4	7.5	5.9	4.5	3.4
SSS-B-20-40-A	13.6	11.9	9.2	7.1	5.3	3.9	2.7	1.7
SSS-B-25-40-A	7.4	6.2	4.1	2.5	1.1	NR	NR	NR
SSS-B-14-40-B	25.0	23.6	19.4	16.1	13.4	11.2	9.4	7.8
SSS-B-16-40-B	21.4	19.2	15.6	12.7	10.4	8.5	6.9	5.6
SSS-B-18-40-B	17.2	15.4	12.2	9.7	7.7	6.1	4.7	3.6
SSS-B-20-40-B	13.9	12.3	9.5	7.3	5.5	4.1	2.9	1.9
SSS-B-25-40-B	7.7	6.4	4.3	2.6	1.3	NR	NR	NR
SSS-B-30-40-B	3.2	2.1	NR	NR	NR	NR	NR	NR
SSS-B-16-50-B	25.0	25.0	25.0	25.0	25.0	21.4	18.2	15.5
SSS-B-18-50-B	25.0	25.0	25.0	24.4	20.4	17.0	14.2	11.9
SSS-B-20-50-B	25.0	25.0	24.4	19.9	16.3	13.4	11.0	8.9
SSS-B-25-50-B	21.8	19.3	15.0	11.5	8.8	6.5	4.7	3.1
SSS-B-30-50-B	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR
SSS-B-25-50-C	21.8	19.3	15.0	11.5	8.8	6.5	4.7	3.1
SSS-B-30-50-C	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR
SSS-B-20-60-B	25.0	25.0	25.0	21.9	17.8	14.5	11.7	9.4
SSS-B-25-60-B	23.8	20.9	16.1	12.3	9.2	6.6	4.5	2.8
SSS-B-30-60-B	14.6	12.3	8.4	5.3	2.8	0.8	NR	NR
SSS-B-35-60-B	7.5	5.6	2.4	NR	NR	NR	NR	NR
SSS-B-40-60-B	1.8	NR	NR	NR	NR	NR	NR	NR

SSS-B Series Poles

SQUARE STRAIGHT STEEL

NOTES

Wind-speed Website disclaimer:

Current has no connection to the linked website and makes no representations as to its accuracy. While the information presented on this third party website provides a useful starting point for analyzing wind conditions, Current has not verified any of the information on this third party website and assumes no responsibility or liability for its accuracy. The material presented in the windspeed website should not be used or relied upon for any specific application without competent examination and verification of its accuracy, suitability and applicability by engineers or other licensed professionals. Current does not intend that the use of this information replace the sound judgment of such competent professionals, having experience and knowledge in the field of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the results of the windspeed report provided by this website. Users of the information from this third party website assume all liability arising from such use. Use of the output of these referenced websites do not imply approval by the governing building code bodies responsible for building code approval and interpretation for the building site described by latitude/longitude location in the windspeed report. <http://windspeed.atcouncil.org>

- Allowable EPA, to determine max pole loading weight, multiply allowable EPA by 30 lbs.
- The tables for allowable pole EPA are based on the ASCE 7-05 Wind Map or the Florida Region Wind Map for the 2010 Florida Building Code. The Wind Maps are intended only as a general guide and cannot be used in conjunction with other maps. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than the total EPA for fixtures, arms, and accessories to be assembled to the pole. Responsibility lies with the specifier for correct pole selection. Installation of poles without luminaires or attachment of any unauthorized accessories to poles is discouraged and shall void the manufacturer's warranty
- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider vibration and coefficient of height factors beyond this general guide; Consult local and federal standards
- Wind Induced Vibration brought on by steady, unidirectional winds and other unpredictable aerodynamic forces are not included in wind velocity ratings. Consult Current Lighting's Pole Vibration Application Guide for environmental risk factors and design considerations.
- Extreme Wind Events like, Hurricanes, Typhoons, Cyclones, or Tornadoes may expose poles to flying debris, wind shear or other detrimental effects not included in wind velocity ratings

C-BD-A-BP-SCCT Series

Round & Square LED Bollard/Pathway Lights | Field Selectable CCT & Wattage

Replaces up to 100W PSMH

C-LITE
LED LIGHTING

Type: OB
Project: Rogers Behavioral Health Oconomowoc
Catalog#: C-BD-A-BPSQ-S3L-SCCT-UL-BZ

ELEVATE SECURITY WITHOUT COMPROMISING STYLE

Enhance both security and aesthetics with our C-BD-A-BP-SCCT Series LED Bollards/Pathway Lights, designed to meet the diverse needs of modern landscapes. This high-quality series of LED pathway lighting offers a wide range of applications, from illuminating walkways to safeguarding restricted areas with up to 3000 lumens, all while giving off a captivating blend of form and function. Available in both square and round shapes, dome top and louvered options, CCT and wattage selectable options, these bollard/pathway lights seamlessly integrate into various architectural styles, adding a touch of sophistication to any environment and lighting the way with low maintenance.



PRODUCT SPECIFICATIONS

OVERVIEW

- Initial Delivered Lumens: Up to 3000 Lumens
- CRI: 80+
- CCT Selectable: 3000K, 4000K or 5000K
- Wattage Selectable: 24W, 18W or 14W
- Dimmable: 0-10v dimming with dimming leads available for use in the field
- Estimated L70 Lifetime @ 25°C: > 100,000 hours
- Power Factor: ≥0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Limited Warranty: 5-year
- Replaces: 100W PSMH, 50W PSMH (Louvered option)
- Bronze or Black finish options

FEATURES	RECOMMENDED USE	INPUT VOLTAGE
<ul style="list-style-type: none"> Selectable CCT (color temperature): 3000K, 4000K or 5000K Selectable Wattage: 24W, 18W or 14W Distribution pattern: Type V - circular, all around 360° coverage 80+ CRI for high quality lighting IP65 Rated FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions Dome top style: louver available for an aesthetically pleasing and diffused look 	<ul style="list-style-type: none"> Entryways General Area Lighting Pathways Walkways 	<ul style="list-style-type: none"> Universal (120V - 277V)

ORDERING INFORMATION

Example SKU: C-BD-A-BPSQ-S3L-SCCT-UL-BZ

C-BD	A				SCCT	UL		
PRODUCT	SERIES	STYLE	DOME TOP OPTION	LUMEN PACKAGE	FIELD SELECTABLE CCT	VOLTAGE	HOUSING COLOR	LOUVER OPTION
C-BD	A	BPSQ Square	DOME With dome top (only available with round style option)	S3L Up to 3000 lumens (24W, 18W or 14W)	SCCT Selectable CCT (Color Temperature) 3000K	UL Universal (120 - 277V)	BK Black	LVR With louver (Only available in round dome top)
		BPRD Round		S2L Up to 1700 lumens (24W, 18W or 14W) Note: S2L is only available on dome top louvered version.	4000K* 5000K		BZ Bronze	[BLANK] No louver

*Default settings at time of shipping are highest product wattage and 4000K.

CA RESIDENTS WARNING: Cancer and Reproductive Harm – www.p65warnings.ca.gov

CERTIFICATIONS:

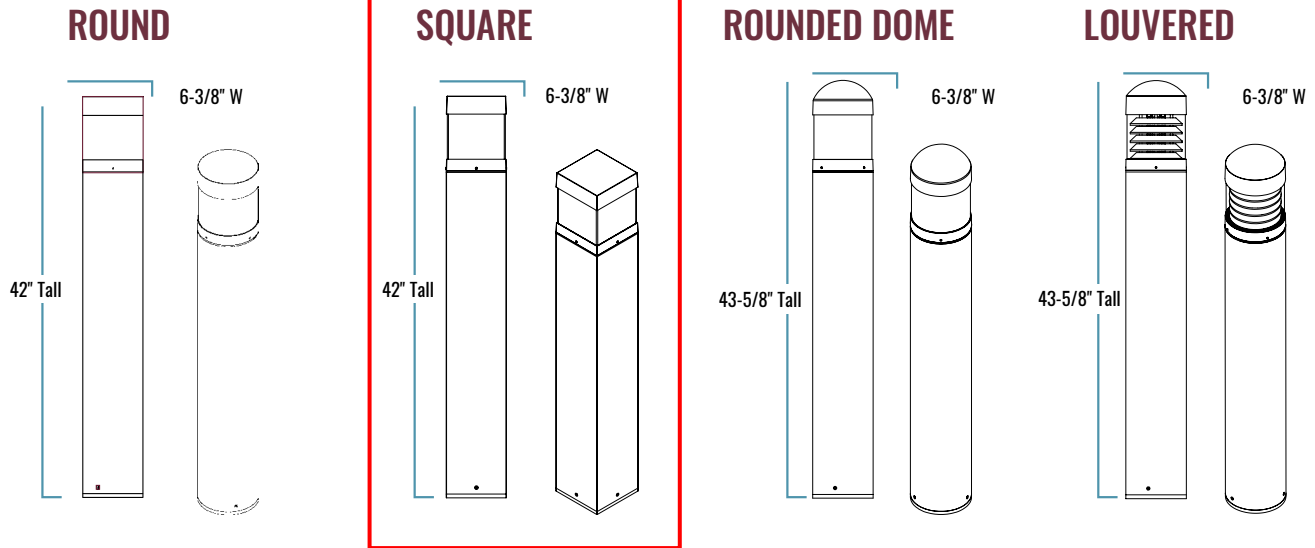


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Rev. Date: 02/07/2025

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C-BD-A-BP-SCCT Series



SERIES OVERVIEW

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	SPACING
42" Tall x 6-3/8" W 43-5/8" Tall x 6-3/8" W (dome top)	12 lbs. (Round) 15 lbs. (Square)	0 to 10 feet	Up to 40-feet to hit minimum security light levels

FIXTURE SPECIFICATIONS

HOUSING	Die-cast aluminum housing with bronze or black powder coated finish.
LENS ASSEMBLY	High impact polycarbonate lens on all styles. Louver lens reflector option available in the round dome top fixtures for an aesthetically pleasing and diffused look.
MOUNTING	Easy install using supplied anchor bolts (Round is a 3 bolt system, square is a 4 bolt system) and templates.

C-BD-A-BP-SCCT Series

LUMINAIRE AND ELECTRICAL PERFORMANCE

OPERATING TEMPERATURE RANGE	ESTIMATED L ₇₀ LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION
-40°F to 104°F (-40°C to 40°C)	>100,000 Hours	≥0.9 at full load	< 20% at full load

LUMEN PACKAGE	INITIAL DELIVERED LUMENS*						SYSTEM WATTS	CURRENT DRAW (AMPS)			
	3000K	BUG RATINGS** ROUND BOLLARD	BUG RATINGS** SQUARE BOLLARD	4000K/ 5000K	BUG RATINGS** ROUND BOLLARD	BUG RATINGS** SQUARE BOLLARD		120V	208V	240V	277V
S2L	905	B1-U3-G2	B1-U3-G2	973	B1-U3-G1	B1-U3-G2	14	0.11	0.06	0.05	0.05
	1263	B1-U3-G2	B1-U3-G2	1351	B1-U3-G1	B1-U3-G2	18	0.15	0.09	0.08	0.06
	1573	B1-U3-G2	B1-U3-G2	1692	B1-U3-G2	B1-U3-G2	24	0.19	0.11	0.09	0.08
S3L	1700	B1-U2-G1	B1-U3-G1	1950	B1-U3-G1	B1-U3-G1	14	0.12A	0.07A	0.06A	0.05A
	2300	B1-U3-G1	B1-U3-G1	2500	B1-U3-G1	B1-U3-G2	18	0.15A	0.09A	0.08A	0.06A
	2900	B1-U3-G2	B1-U3-G2	3000	B1-U3-G2	B1-U3-G2	24	0.19A	0.11A	0.09A	0.08A

* Default settings at time of shipping are highest product wattage and 4000K.

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt.

WARRANTY AND CERTIFICATIONS

WARRANTY	cULus LISTED	DLC	DIMMING
5-Year Limited*	Wet Locations (Designed for outdoor use)	Premium 5.1 (*Excludes Louvered version) <small>Refer to https://www.designlights.org/search/ for most current information.</small>	0-10v dimming with dimming leads available for use in the field

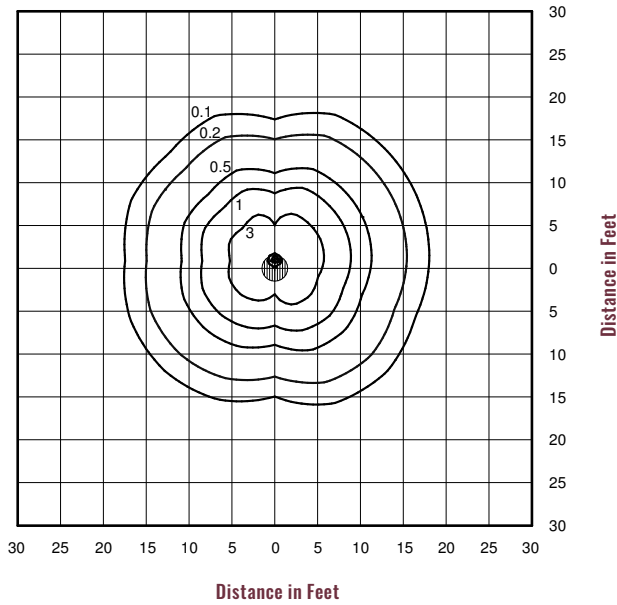
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C-BD-A-BP-SCCT Series

ISO PLOT CHART

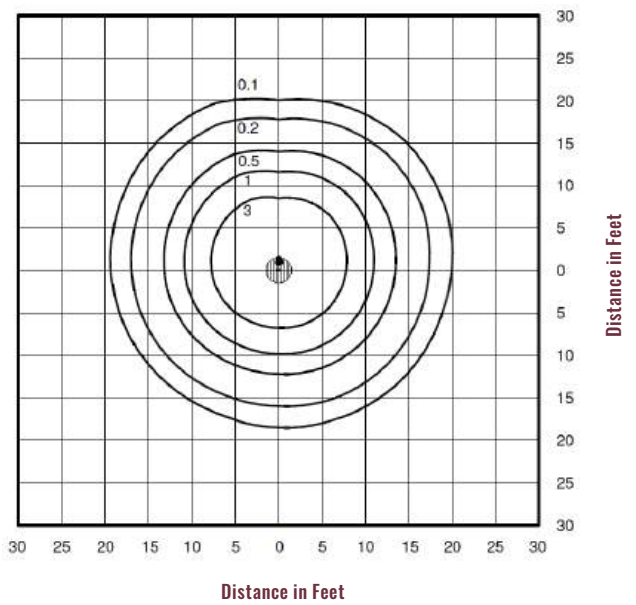
C-BD-A-BPRD-DOME-S2L-SCCT_24W_5000K (W/LOUVER)

Mounting Height: 42"



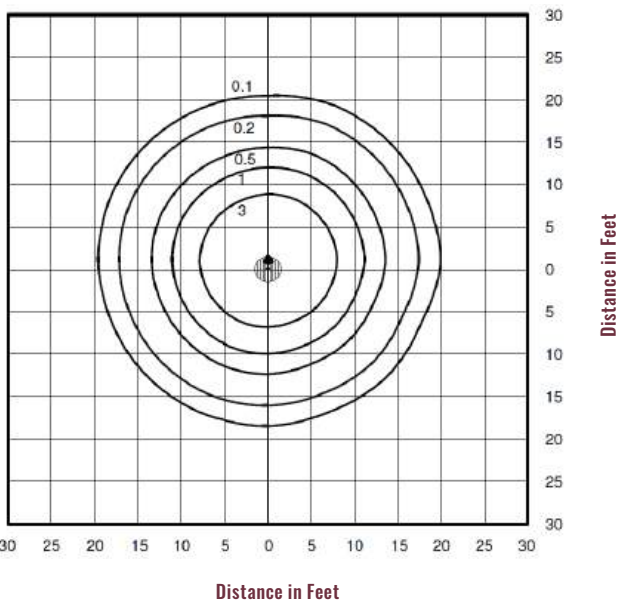
C-BD-A-BPRD-DOME-S3L-SCCT_24W_5000K

Mounting Height: 42"



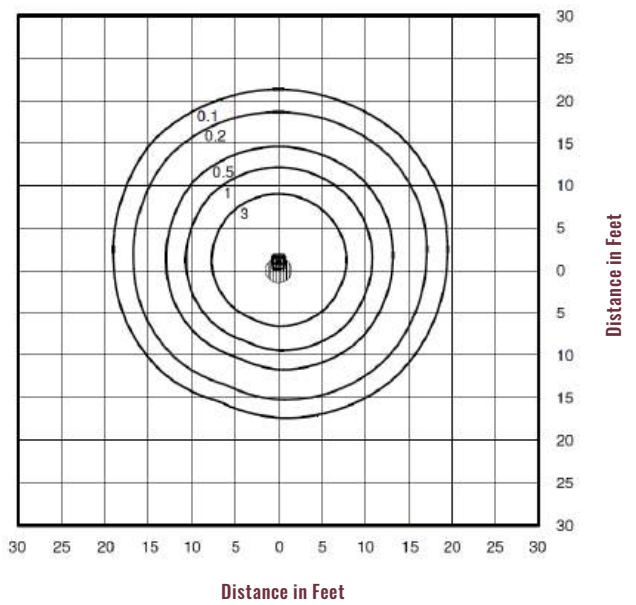
C-BD-A-BPRD-S3L-SCCT_24W_5000K

Mounting Height: 42"



C-BD-A-BPSQ-S3L-SCCT_24W_5000K

Mounting Height: 42"



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Type: OC
 Project: Rogers Behavioral Health Oconomowoc
 Catalog #: LCR615RD9FSE020/LCR6TRMTBZ/HL6RSMF



HALO

LCR6

6-Inch Round Canless LED Downlight and Wallwash

Typical Applications

Residential • Multi-family • Mixed-Use

Interactive Menu

- Order Information page 2
- Product Specifications page 2
- Photometric Data page 3
- Energy & Performance Data page 3
- Product Warranty
- Dimming Guide

Product Certification



Refer to ENERGY STAR® Certified Products List.
 Can be used to comply with California Title 24 High Efficacy requirements.
 Certified to California Appliance Efficiency Database under JAB.

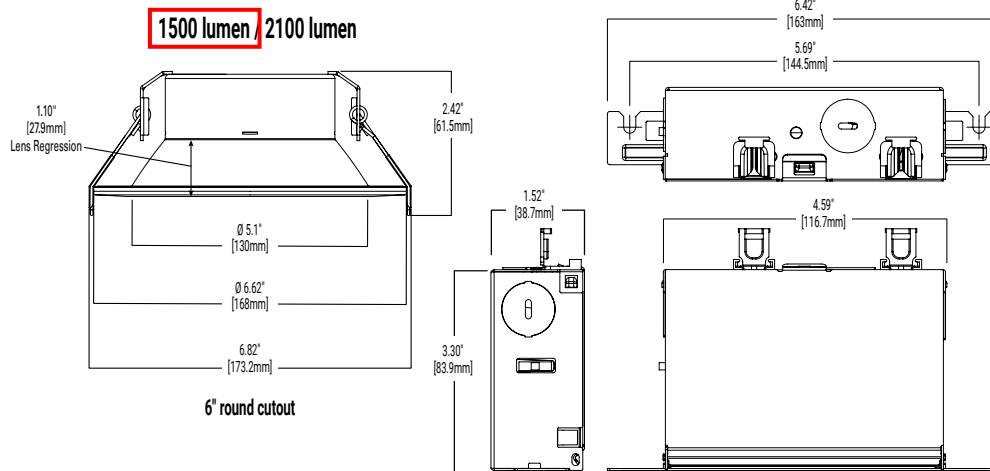
Product Features



Top Product Features

- Select from 6 CCTs via switch; 2700K, 3000K, 3500K, **4000K**, 5000K, 6500K CCT; 90 CRI
- Up to 3000 Lumens; IC rated
- Canless - does not require recessed housing or junction box
- Dual Dim: 0-10V and Phase Cut, dimmable down to 5%
 - 0-10V dimmable down to 5% on 3000 Lumen model
- Wet location listed for showers and protected ceilings - Downlights only

Dimensional and Mounting Details



additional product diagrams

Order Information

SAMPLE ORDER NUMBER: **LCR615RD9FSE020**

Models	Lumens	Shape	CRI/CCT	Driver
LCR6 = 6" Canless LED Downlight⁽¹⁾	15 = 1500 lumens (nominal) 21 = 2100 lumens (nominal) 30 = 3000 lumens (nominal)	RD = Round WW = Wall Wash⁽¹⁾	9FS = 90 CRI minimum, field selectable CCT, choose 2700K, 3000K, 3500K, 4000K, 5000K or 6500K CCT	E010 = UNV 120 - 277V, 50/60Hz, 0-10V analog 100% to 5% dimming; Option available for 3000lm version only E020 = UNV 120-277, 50/60Hz, Dual Dim with 0-10V and Phase Cut options for 100% to 5% dimming; Option available for 1500lm & 2100lm version only E040 = UNV 120-277, 50/60Hz, Dual Dim with 0-10V and Phase Cut options for 100% to 5% dimming + Emergency battery with backup up to 90 minutes⁽²⁾⁽³⁾⁽⁴⁾
Notes 1. Product available in Matte White finish as standard.	Notes	Notes 1. Battery backup option not available with WW option	Notes	Notes 2. E040 option only available in RD Shape option 3. E040 provides Phase Cut, 0-10V dual dim with battery backup for 1500lm & 2100lm models 4. E040 provides 0-10V dim with battery backup for 3000lm and higher

Accessories		
Designer Trims LCR6TRMAH = 6" Haze, white flange LCR6TRMSC = 6" Specular, white flange LCR6TRMTBZ = 6" Tuscan bronze LCR6TRMVBH = 6" Paintable white LCR6VVB = 6" White Baffle Trim LCR6BB = 6" Matte Black Baffle Trim	Overized Trim Ring HLB6ROTMMW = Oversize trim ring for 6" housings Mounting Frame HLGRSMF = 6" round and square mounting frame	Extension Cable seleCCTable Driver/Jbox HLB06BLEEC = 6 ft. extension cable HLB12BLEEC = 12 ft. extension cable HLB20BLEEC = 20 ft. extension cable

Product Specifications

Module

- Module construction includes LED Array, reflector, lens, housing and heat sink where applicable
- Integral aluminum heat sink provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications
- LED module provides 1.10" lens regression

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color Accuracy within 3 SDCM and 7 SDCM at the CCT endpoints and 4 SDCM in between the endpoints, provide color accuracy and uniformity.
- Correlated Color Temperature (CCT) has a selectable range from 2700K to 6500K (factory default 3000K)
- Use the switch to choose between 2700K, 3000K, 3500K, 4000K, 5000K and 6500K CCT

Optical Assembly

- Regressed flat lens provides uniformity, UGR ≤ 10
- Exceeds ENERGY STAR® color angular uniformity requirements

Remote Driver/Junction Box

- Metal driver/junction box with captive hinged junction box cover. Listed for (6) #12 AWG 90°C splice conductors, 2-in, 2-out plus (2) ground
- (4) 1/2" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps all accepts 14-2, 14-3, 12-2, 12-3 U.S and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral keyhole mounting slots facilitate direct mounting to building structure or new construction mounting frame

Driver

- Integral 120-277V, 50/60Hz constant current driver provides noise free operation
- Dual Dim with 0-10V and Phase Cut options for 100% to 5% dimming up to 2100 lumen
- 0-10V dimming for 3000 lumen
- Continuous, flicker-free dimmer from 100% to 5%
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation

- Can be installed in 3/8" to 1-1/4" thick ceilings
- Cutout can utilize standard round hole saw sizes, cutout template provided
- Mousetrap springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

Mounting / Retention

- The LCR6 requires no housing or third party junction box
- The remote enclosure may be used in direct contact with insulation.
- Installer must cut template out of drywall and install into aperture with the clips compressed.
- When released, the mousetrap springs will rest on to the back side of the drywall
- Not for installation in recessed cans

Emergency Battery Backup

- Emergency battery backup only available in downlight versions, not available in wall wash versions
- Emergency battery backup up to 90 minutes
- Emergency battery backup light will be at 6500K CCT
- Emergency battery backup is a separate battery junction box provided with unit.

Compliance

- UL Certified for US and Canada, type IC suitable for direct contact with air permeable insulation
- Not for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Wet location listed and IP64 ingress protection rated, covered ceiling only (downlights only)
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits, CAN ICES-005(B)/NMB-005 (B)
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2019 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference "Certified Light Fixtures" database (does not apply to EM versions)

Warranty

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

Photometric Data

[View IES files](#)

LCR615RD9FSE020-18W-3000K
 Spacing criterion:
 (0-180) 1.16 | (90-270) 1.16 | (Diagonal) 1.23
 Beam Angle: 90°
 Field Angle: 130°
 Lumens: 1610
 Input Watts: 17.5 W
 Efficacy: 92 LPW
 UGR: 20
 Test Report: P640132

Zonal Lumen	Lumens	% Lumens
0-30	609	37.8
0-40	962	59.7
0-60	1477	91.8
0-90	1609	99.9

TM-30-15	Rf = 92
	Rg = 104
CRI/CIE	Ra = 93
	R9 = 87.6

CCT - Range of 2700K- 6500K

90°

LCR621RD9FSE020-23W-3000K
 Spacing criterion:
 (0-180) 1.14 | (90-270) 1.15 | (Diagonal) 1.22
 Beam Angle: 89°
 Field Angle: 134°
 Lumens: 2105
 Input Watts: 22.9 W
 Efficacy: 91.9 LPW
 UGR: 21
 Test Report: P640144

Zonal Lumen	Lumens	% Lumens
0-30	798	37.9
0-40	1255	59.6
0-60	1928	91.6
0-90	2103	99.9

TM-30-15	Rf = 92
	Rg = 104
CRI/CIE	Ra = 93
	R9 = 86.1

CCT - Range of 2700K- 6500K

89°

LCR630RD9FSE010-42W-3000K
 Spacing criterion:
 (0-180) 1.15 | (90-270) 1.16 | (Diagonal) 1.22
 Beam Angle: 89°
 Field Angle: 134°
 Lumens: 3100
 Input Watts: 31.6 W
 Efficacy: 98.1 LPW
 UGR: 22
 Test Report: P640156

Zonal Lumen	Lumens	% Lumens
0-30	1177	38
0-40	1854	59.8
0-60	2844	91.7
0-90	3098	99.9

TM-30-15	Rf = 92
	Rg = 104
CRI/CIE	Ra = 93
	R9 = 85.9

CCT - Range of 2700K- 6500K

89°

Energy and Performance Data

LCR6 - 1500 Lumen Downlight		
	UNV	120V
Lumens	1500	1500
Input Voltage	120-277	120
Input current	0.16A	0.16 A
Input Power	18W	18W
Efficiency	82.00%	82.00%
Inrush(A)	3	2
THD	<20%	<20%
PF	>0.9	>0.9
Sound Rating	<22dB	<22dB

LCR6 - 2100 Lumen Downlight		
	UNV	120V
Lumens	2100	2100
Input Voltage	120-277	120
Input current	0.21A	0.21 A
Input Power	23W	23W
Efficiency	82.00%	82.00%
Inrush(A)	3	2
THD	<20%	<20%
PF	>0.9	>0.9
Sound Rating	<22dB	<22dB

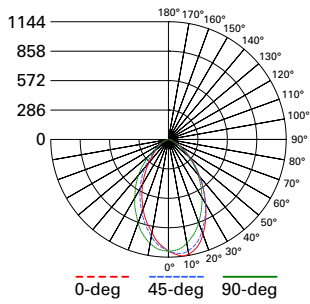
LCR6 - 3000 Lumen Downlight	
	UNV
Lumens	3000
Input Voltage	120-277
Input current	0.3A
Input Power	32.5W
Efficiency	88.00%
Inrush(A)	5
THD	<20%
PF	>0.9
Sound Rating	<22dB

Tested in accordance with IES LM63. Field results may vary.

Note: Refer to IES files for more product data.

Photometric Data

View IES files



LCR615WW9FSE020-17W-3000K

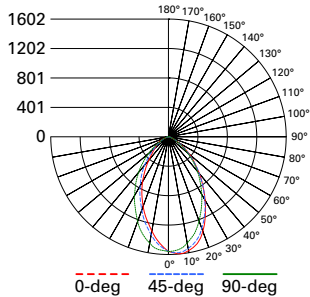
Spacing criterion:
(0-180) 0.94 | (90-270) 0.96 | (Diagonal) 1.02
Lumens: 1520
Input Watts: 16.5 W
Efficacy: 92.1 LPW
Test Report: P645624

Zonal Lumen	Lumens	% Lumens
0-30	709	46.7
0-40	1036	68.1
0-60	1424	93.7
0-90	1520	100

TM-30-15	Rf = 92
	Rg = 103
CRI/CIE	Ra = 93
	R9 = 81.7
	CCT - Range of 2700K - 6500K

SINGLE UNIT FOOTCANDLES								
3' from wall (distance from fixture along wall)								
1	2.9	2.2	1.2	0.6	0.3	0.2	0.1	
2	10.9	8.6	4.7	2.1	0.9	0.4	0.2	
3	14.2	12.1	7.8	4.1	1.9	0.9	0.5	
4	13	11.6	8.3	5.1	2.8	1.5	0.8	
5	10.4	9.6	7.4	5	3.1	1.9	1.1	
6	8	7.5	6.1	4.5	3.1	2	1.3	
7	6.1	5.7	4.9	3.8	2.7	1.9	1.3	
8	4.6	4.4	3.8	3.1	2.4	1.8	1.3	
9	3.6	3.4	3	2.5	2	1.6	1.2	
10	2.8	2.7	2.4	2.1	1.7	1.4	1.1	

MULTIPLE UNIT FOOTCANDLES			
3' from wall (spacing between fixtures)			
1	3.5	3.3	3.5
2	12.8	13.1	13
3	18.1	19.8	18.3
4	17.9	19.9	18
5	15.4	17	15.5
6	12.5	13.6	12.5
7	9.9	10.6	9.9
8	7.7	8.3	7.8
9	6.1	6.5	6.1
10	4.8	5.1	4.8



LCR621WW9FSE020-23W-3000K

Spacing criterion:
(0-180) 0.91 | (90-270) 0.94 | (Diagonal) 1.01
Lumens: 2125
Input Watts: 22.5 W
Efficacy: 94.4 LPW
Test Report: P645630

Zonal Lumen	Lumens	% Lumens
0-30	997	46.9
0-40	1450	68.2
0-60	1992	93.7
0-90	2125	100

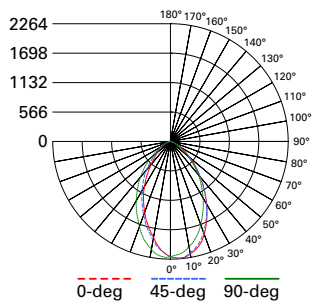
TM-30-15	Rf = 92
	Rg = 103
CRI/CIE	Ra = 93
	R9 = 83.4
	CCT - Range of 2700K - 5000K

SINGLE UNIT FOOTCANDLES								
3' from wall (distance from fixture along wall)								
1	3.6	2.8	1.5	0.8	0.4	0.2	0.1	
2	14.4	11.3	6.1	2.8	1.3	0.6	0.3	
3	19.6	16.7	10.6	5.6	2.6	1.3	0.6	
4	18.1	16.1	11.4	6.9	3.8	2	1.1	
5	14.5	13.3	10.2	6.9	4.3	2.5	1.5	
6	11.2	10.4	8.5	6.2	4.2	2.7	1.7	
7	8.5	8	6.8	5.2	3.8	2.6	1.8	
8	6.5	6.2	5.4	4.4	3.3	2.4	1.7	
9	5	4.8	4.2	3.6	2.8	2.1	1.6	
10	3.9	3.7	3.4	2.9	2.4	1.9	1.5	

MULTIPLE UNIT FOOTCANDLES			
3' from wall (spacing between fixtures)			
1	4.4	4.3	4.4
2	17	17.1	17.2
3	24.9	27.3	25.2
4	24.7	27.6	25
5	21.3	23.7	21.4
6	17.2	19	17.3
7	13.6	14.9	13.7
8	10.8	11.6	10.8
9	8.5	9.1	8.5
10	6.7	7.1	6.8

Photometric Data

[View IES files](#)



LCR630WW9FSE010-30W-3000K
 Spacing criterion:
 (0-180) 0.91 | (90-270) 0.94 | (Diagonal) 1
 Lumens: 2970
 Input Watts: 29.9 W
 Efficacy: 99.3 LPW
 Test Report: P645636

Zonal Lumen	Lumens	% Lumens
0-30	1410	47.5
0-40	2045	68.9
0-60	2790	93.9
0-90	2970	100

TM-30-15	Rf = 92
	Rg = 103
CRI/CIE	Ra = 93
	R9 = 82.7
CCT - Range of 2700K- 6500K	

SINGLE UNIT FOOTCANDLES							
3' from wall (distance from fixture along wall)							
1	5.1	3.9	2.2	1.1	0.6	0.3	0.2
2	19.9	15.9	8.6	3.8	1.7	0.8	0.4
3	27.4	23.5	14.9	7.8	3.7	1.7	0.9
4	25.1	22.6	16.1	9.7	5.4	2.8	1.5
5	20.4	18.8	14.4	9.7	6	3.5	2
6	15.7	14.8	11.9	8.6	5.9	3.8	2.4
7	11.9	11.3	9.5	7.3	5.3	3.7	2.5
8	9.1	8.7	7.5	6.1	4.6	3.4	2.4
9	7	6.7	6	5	3.9	3	2.3
10	5.4	5.3	4.8	4.1	3.3	2.6	2

MULTIPLE UNIT FOOTCANDLES			
3' from wall (spacing between fixtures)			
1	6.2	6	6.2
2	23.5	23.8	23.8
3	34.6	38.2	35.2
4	34.3	38.8	34.8
5	29.9	33.4	30.1
6	24.3	26.9	24.4
7	19.2	21.1	19.3
8	15.1	16.4	15.1
9	11.9	12.8	11.9
10	9.5	10.1	9.5

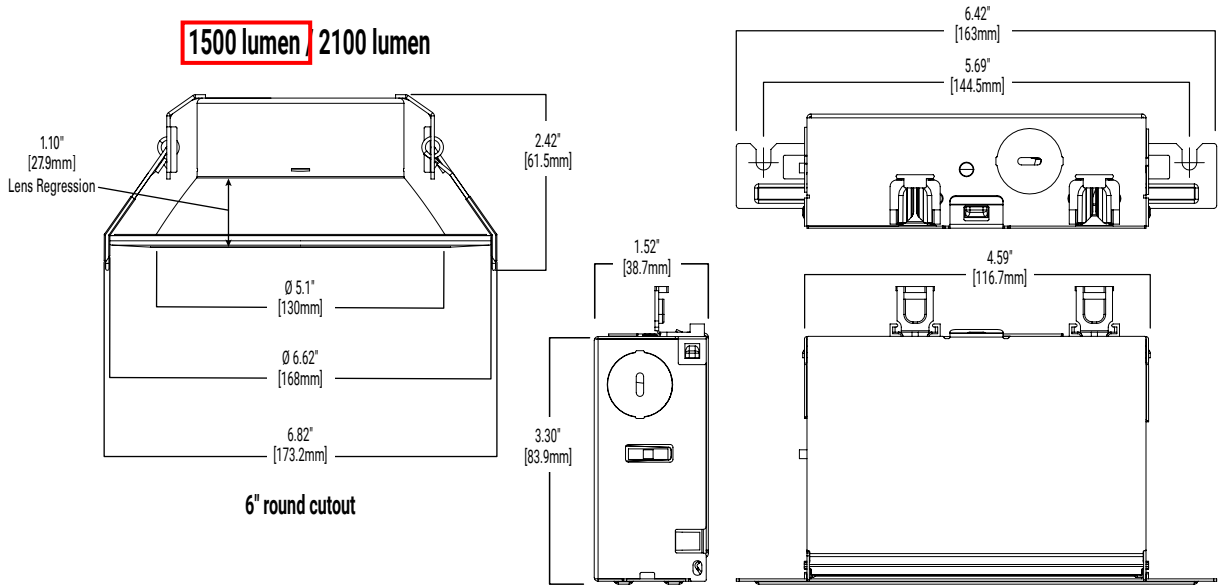
Energy and Performance Data

LCR6 - 1500 Lumen Wall Wash		
	UNV	120V
Lumens	1350	1350
Input Voltage	120-277	120
Input current	0.15A	0.15A
Input Power	16.5W	16.5W
Efficiency	81.00%	81.00%
Inrush(A)	3	2
THD	<20%	<20%
PF	>0.9	>0.9
Sound Rating	<22dB	<22dB

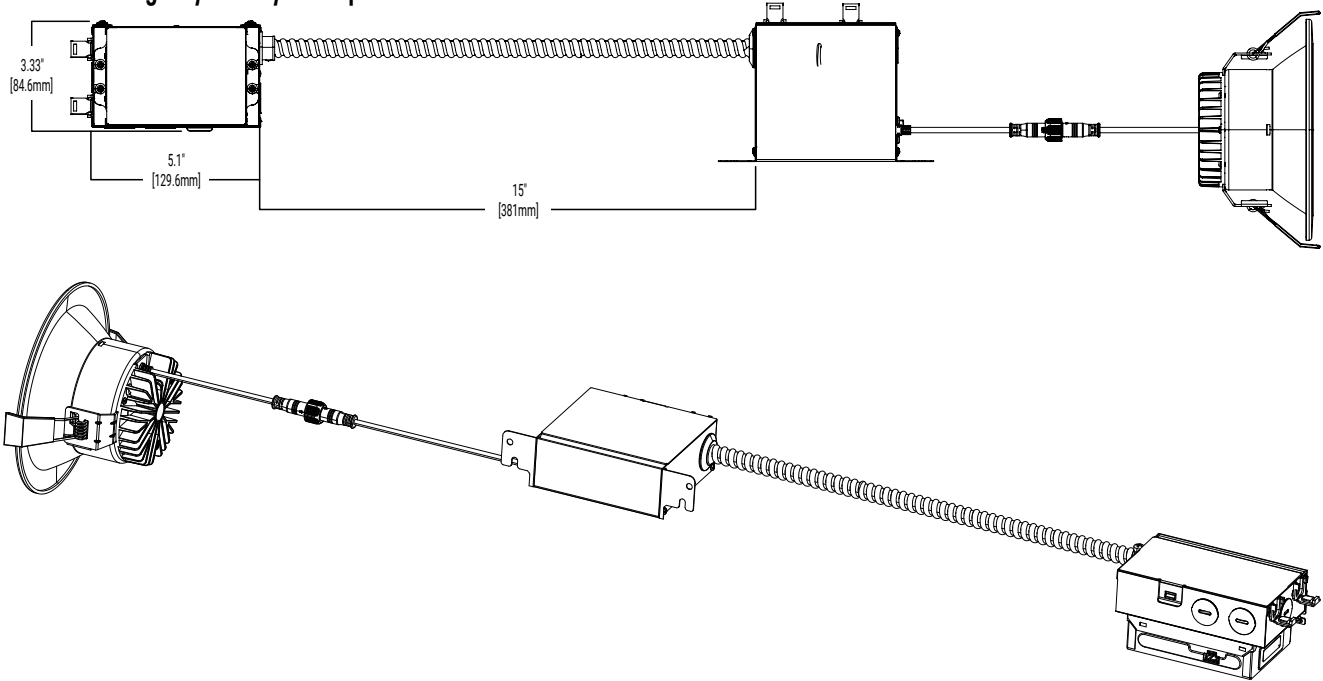
LCR6 - 2100 Lumen Wall Wash		
	UNV	120V
Lumens	1890	1890
Input Voltage	120-277	120
Input current	0.21A	0.21A
Input Power	23W	23W
Efficiency	82.00%	82.00%
Inrush(A)	3	2
THD	<20%	<20%
PF	>0.9	>0.9
Sound Rating	<22dB	<22dB

LCR6 - 3000 Lumen Wall Wash	
	UNV
Lumens	2700
Input Voltage	120-277
Input current	0.3A
Input Power	30W
Efficiency	88.00%
Inrush(A)	5
THD	<20%
PF	>0.9
Sound Rating	<22dB

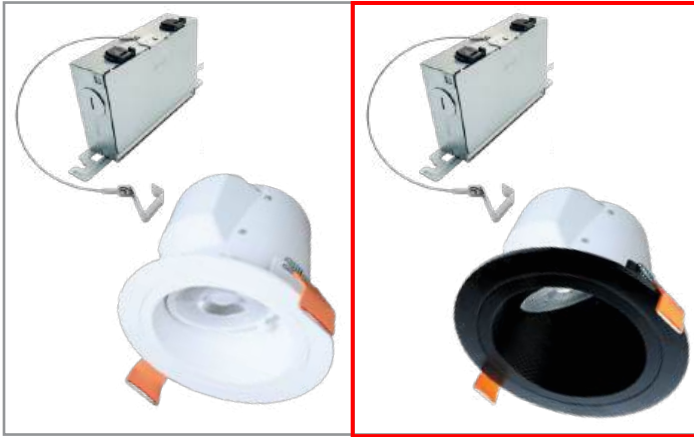
Dimensional Details



Emergency Battery Backup



Type: OCA
 Project: Rogers Behavioral Health Oconomowoc
 Catalog #: RLS6159FS1EMBDMR/MF6RC



HALO

RLS 6" Adjustable Sloped Ceiling Canless Downlight

These downlights are designed to deliver bright, powerful lighting down where you need it instead of up in the rafters. Use the internal mechanism to tilt and aim your lighting straight down from sloped ceilings between 9° and 45° (12-2 and 12-12 pitches). The RLS offers 5-color seleCCTable™ technology and flicker-free dimming to 5% in matte white or matte black finishes.

Typical Applications Residential • Hospitality • Retail • Healthcare

Interactive Menu

- Order Information page 2
- Product Specifications page 3
- Energy Data page 4
- Photometric Data page 4
- Product Warranty



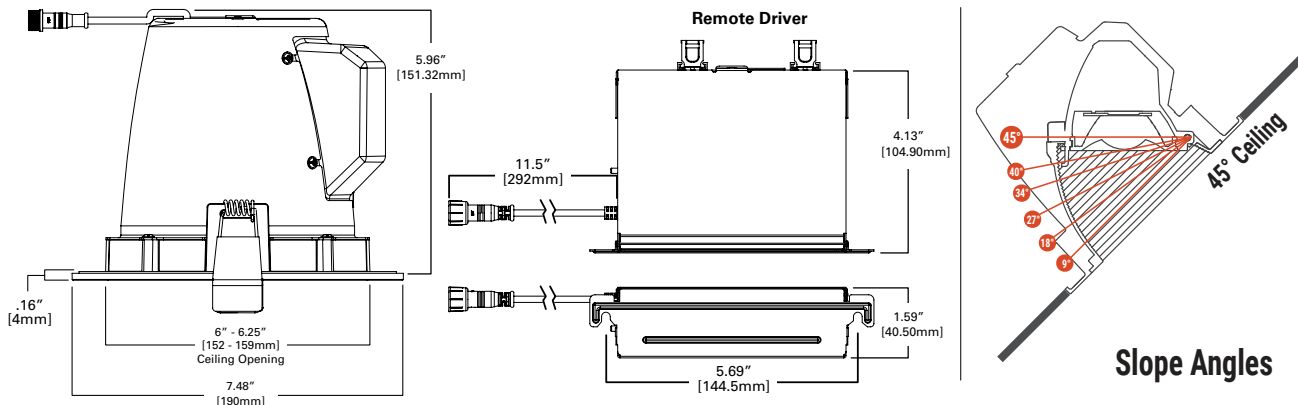
Refer to ENERGY STAR® Certified Products List.
 Can be used to comply with California Title 24 High Efficacy requirements.⁽¹⁾
 Certified to California Appliance Efficiency Database under JAB.⁽¹⁾



Top Product Features

- Round 6" Canless LED Adjustable Downlights suitable for remodel and retrofit installations (For new construction, use with canless mounting frames/plates)
- Installs in 2x6 framing and rated for IC (insulation contact) or non-IC applications (no housing required)
- **Lens & Trim:** Recessed baffle trim, integrated optic
- **5-Color Field-SeleCCTable:** 2700K, 3000K, 3500K, **4000K**, 5000K; 90+ CRI
- **Brightness:** 1600 lumens (nominal)
- **Dimming:** Dims to 5% (phase cut LE/TE); 120V input
- Meets AIR-TITE and code compliance for additional energy savings
- **Life:** 50,000 hrs of maintenance-free operation in damp locations
- 5-year warranty

Dimensional and Mounting Details



Order Information

Catalog Number	Module	Lumens (nominal)	CRI/CCT	Driver	Finish	Mounting	Packaging
RLS6159FS1EWHDMR	RLS 6-inch Adjustable Sloped Ceiling Canless Downlight	1600 lm	90+ CRI, field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K	120V 60Hz, LE & TE phase cut 5% dimming	Matte White	Canless Direct Mount	Recyclable 4-color plastic-free packaging
RLS6159FS1EMBDMR	RLS 6-inch Adjustable Sloped Ceiling Canless Downlight	1600 lm	90+ CRI, field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K	120V 60Hz, LE & TE phase cut 5% dimming	Matte Black	Canless Direct Mount	Recyclable 4-color plastic-free packaging



Accessories (sold separately)

Accessories	
Extension Cables HLB06FSEC = 6 ft. Extension Cable HLB12FSEC = 12 ft. Extension Cable HLB20FSEC = 20 ft. Extension Cable	New Construction Mounting Frames* MF6RC = 6" Round Mounting Frame with Drywall Collar HL6RSMF = 6" Round or Square Mounting Frame New Construction Smash Plate* SP346RS = 3", 4", and 6" Canless New Construction Smash Plate



* New Construction Mounting Frames / Smash Plates reserve ceiling positions and holds canless junction boxes during rough-in wiring phase.

Product Specifications

Selectable System

- Use the 5-position color selector switch to choose between: 2700K, 3000K, 3500K, 4000K, and 5000K

Module – Trim

- LED module consists of LED (chip on board), optical assembly, driver and self-flanged trim
- Regressed baffle style trim
- Installs in 2x6 (5.5" tall ceiling plenum spaces) [2x4 (3.5" tall ceiling plenum spaces)]
- Adjustment mechanism tilts the light engine from 9° up to 45° to match 2/12 to 12/12 ceiling pitches
- Heat sink designed to conduct heat away from the LED array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments
- Achieving L70 at 50,000 hours in IC and non-IC applications

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation
- 90 CRI minimum, R9 greater than 50
- Chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Color accuracy at 4 SDCM in between endpoints, provide excellent color quality and uniformity
- Available in 5-color field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K

Optical Assembly

- Regressed lens
- Impact-resistant polycarbonate
- Integrated optical assembly provides flood distribution useful for general and task lighting in sloped ceiling applications
- Diffuse injection molded lens with contoured profile provides uniformity and a familiar lamp like appearance
- Meets ENERGY STAR® color angular uniformity requirements

Driver

- Remote 120V 60 Hz constant current driver provides noise-free, high-efficiency operation
- Dimmable: Continuous, flicker-free phase cut (leading-edge/trailing-edge - LE/TE) dimming from 100% to 5% output with compatible dimmers
- See this fixture's Dimming Guide for compatible dimmers
 - **Tip:** For optimal dimming performance, consider dimmers with low-end trim adjustment; note that some dimmers require a neutral wire in the box
- Consult dimmer manufacturer for compatibility and conditions of use

Junction Box

- Die formed metal driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90° C splice conductors, 2-in, 2-out plus (2) ground
- (3) 1/2" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps accept 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts for quick and reliable mains voltage connections
- Integral mounting facilitates direct mounting to building structure or mounting frame

Installation & Retention

- No additional housing or junction box required (Not for installation in recessed cans)
- The included remote driver / junction box may be used in direct contact with insulation (IC)
- Can be installed in 1/2" to 1-1/4" thick ceilings
- 4" round ceiling cutout
- Installer must cut hole and install fixture into aperture with the clips compressed
- When released, the spring clips will rest on the back side of the ceiling material holding the fixture in place
- For new construction applications, use HALO Canless Mounting Frames or Smash Plates prior to drywall installation
- Fixture and junction box can be removed from below the ceiling for service or replacement

Gasket

- Open cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

- UL Certified US and Canada Type IC suitable for direct contact with air permeable insulation
- Damp location listed
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant¹
- Photometric testing in accordance with IES LM79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Compliant with California Title 24 High Efficiency LED under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2019 JA8 High Efficacy Lighting ¹
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

Warranty

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

Energy Data

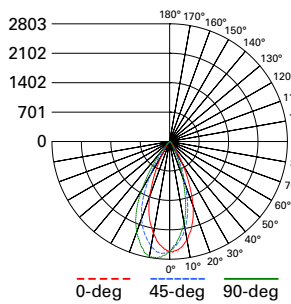
	RLS6159FS1EWHDMR	RLS6159FS1EMBDMR
Lumens	1500 Series	1500 Series
Input Voltage	120V	120V
Input Current	157.7 (mA)	157.7 (mA)
Input Power	19.0 (W)	19.0 (W)
Efficiency	85.8 (LPW)	83.8 (LPW)
Inrush (A)	3.3 (A)	3.3 (A)
THD	≤ 20%	≤ 20%
PF	≥ 0.90	≥ 0.90
T Ambient (C)	-30 to +40	-30 to +40
Sound Rating	≤ 22 dba	≤ 22 dba

RLS6159FS1EWHDMR (Equivalent to 100W Incandescent)				
CCT	Watts	Lumens	LPW	CRI
2700K	19.0	1588	83.6	94
3000K	19.0	1630	85.8	94
3500K	19.0	1670	87.9	94
4000K	19.0	1705	89.7	93
5000K	19.1	1745	91.4	91

RLS6159FS1EMBDMR (Equivalent to 100W Incandescent)				
CCT	Watts	Lumens	LPW	CRI
2700K	19.2	1580	82.3	94
3000K	19.4	1625	83.8	93
3500K	19.4	1675	86.3	95
4000K	19.5	1720	88.2	95
5000K	19.7	1785	90.6	92

Photometric Data

[View IES files](#)



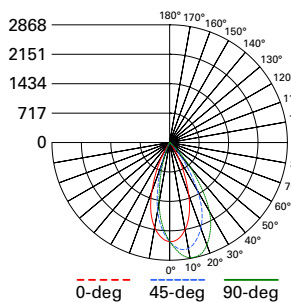
RLS6159FS1EWHDMR-3000K

Spacing criterion:
 (0-180) 1.19 | (90-270) 1.19 | (Diagonal) 1.28
 Beam Angle: 45°
 Field Angle: 70°
 Lumens: 1630
 Input Watts: 19 W
 Efficacy: 85.8 LPW
 UGR: 1.8
 Test Report: P571723

Zonal Lumen	Lumens	% Lumens
0-30	1271	78
0-40	1492	91.5
0-60	1603	98.3
0-90	1625	99.7

TM-30-15	Rf = 93
	Rg = 99
CRI/CIE	Ra = 96
	R9 = 71

CCT - Range of 2700K- 5000K



RLS6159FS1EMBDMR-3000K

Spacing criterion:
 (0-180) 0.69 | (90-270) 0.77 | (Diagonal) 0.75
 Beam Angle: 45°
 Field Angle: 70°
 Lumens: 1625
 Input Watts: 19.4 W
 Efficacy: 83.8 LPW
 UGR: 1.8
 Test Report: P888022

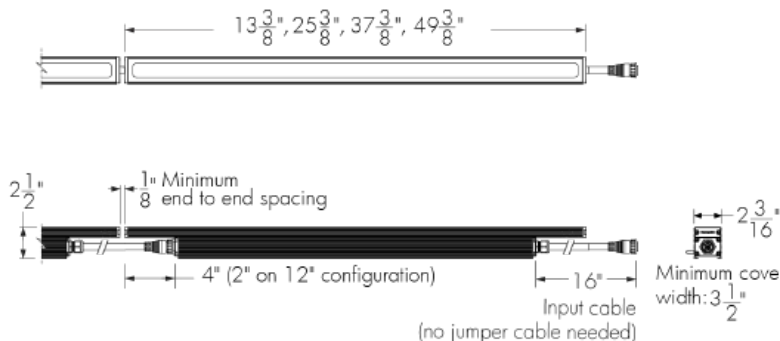
Zonal Lumen	Lumens	% Lumens
0-30	1208	74.3
0-40	1488	91.6
0-60	1612	99.2
0-90	1621	99.8

TM-30-15	Rf = 94
	Rg = 100
CRI/CIE	Ra = 93
	R9 = 79.9

CCT - Range of 2700K- 5000K



Type: OG
Project: Rogers Behavioral Health Oconomowoc
Catalog#: (2)LXTHO-120-48-40K-UMAS-BRZ-DIM(1)LXTHO-120-24-40K-UMAS-BRZ



Top view

Front and side views

Photometric summary

RO - Regular output [2]

CCT	Delivered Output [lm]	Power [W]	Efficacy [lm/W]
2200K	1279	19	67
2700K	1817	19	96
3000K	1859	19	98
3500K	1943	19	102
4000K	2065	19	109

HO - High output [2]

CCT	Delivered Output [lm]	Power [W]	Efficacy [lm/W]
2200K	2608	39	67
2700K	3701	39	95
3000K	3785	39	97
3500K	3954	39	101
4000K	4206	39	108

Photometric performance is measured in compliance with IESNA LM-79-08.

[1] Use 0.25 multiplier for each 12in [305mm] section.

[2] Estimated. Consult website for the latest photometric files.

Optic



110°x110°

Description

The Lumencove® XT is a slim, IP66-rated LED luminaire for exterior cove lighting and tight space applications. The system offers myriad options: white light in various color temperatures and outputs, as well as a choice of mounting options and finishes. Built from sturdy aluminum and tempered glass, the Lumencove XT features a standard 16 in black cable at input, allowing continuous end-to-end runs without the need for additional jumper cables. The luminaire is available in 12 in, 24 in, 36 in and 48 in sections, enabling both linear and radial layouts.

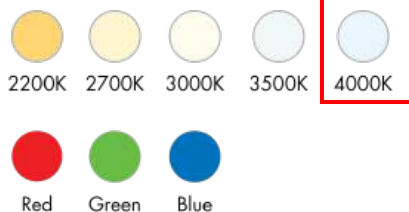
Features

Length (Nominal)	12: 12 in, 24: 24 in, 36: 36 in, 48: 48 in
Optics	110° x 110°
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue
Power Consumption	5 W/ft (RO version, meets ASHRAE standards for linear lighting on building facades), 12 W/ft (HO version)
Warranty	5-year limited warranty
Option	Corrosion-resistant Coating for Hostile Environments 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications CE (certification covers European Economic Area)

Performance

Maximum Delivered Output	4206 lm (HO 4000K, 48 in fixture)
Color Consistency	2 SDCM
Color Rendering	Minimum CRI 80
Lumen Maintenance	L70 126,000 hrs (Ta 25 °C and Ta 40 °C) L95 19,000 hrs (Ta 25 °C and Ta 40 °C)

Colors and Color Temperatures



Control



Ratings

IP66 IK07

Certifications



Physical

Housing Material	Low copper content extruded aluminum
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
End Cap Material	Aluminum
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	12 in: 3 lbs, 24 in: 4.6 lbs, 36 in: 7.2 lbs, 48 in: 9 lbs

Electrical and Control

Fixture Cable	Power and data in one cable, End-to-end standard configuration: 16 in black input cable (no jumper cable needed)
Leader Cable Conductor	5C #16-5
Fixture Cable and Connector Color	Black cable (black connector) or white cable (black connector) for leader and jumper cables
Maximum Cable and Fixture Run Length	Up to 350 ft (On/Off, DALI, DMX/RDM, 277V, RO version)
Control	On/Off Control, Lumentalk, 0-10V Dimming, DALI dimming, DMX/RDM enabled
Resolution (DMX/RDM)	Per foot or per fixture (configured with LumenID V3 software), 8-bit or 16-bit

Environmental

Storage Temperature	-40 °F to 122 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-13 °F to 122 °F
Operating Temperature	-13 °F to 122 °F
Environment	Dry/damp/wet location
Ingress Protection Rating	IP66 Wet location rated
Impact Resistance Rating	IK07

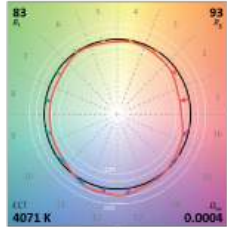
Accessories (Order Separately)

Cables	Leader Cable, Jumper Cable
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration), Lumentalk Data Bridge
Control Systems	Pharos® kit (PHAROS), Lumenscene™ (LSC)
Diagnostic and Addressing Tools	LumenID (LID), LumentalkID (LIDLT)

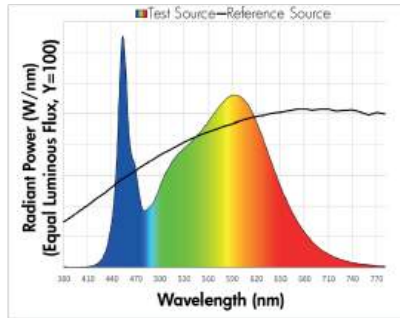
Chromaticity Data

TM-30 - 4000K

CCT	CIE		TM-30	
4000K	R _a	83	83	R ₁
	R _g	4	93	R ₂

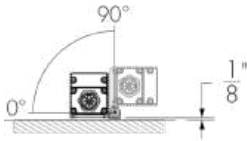


Spectral Power Distribution



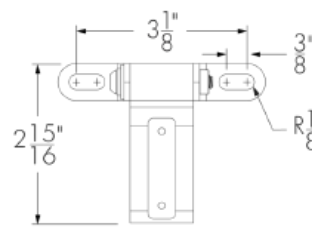
Mounting Options

SAM - Slim Adjustable Mounting

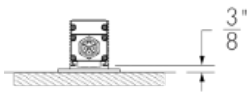


Not suitable when fixture is exposed to wind.

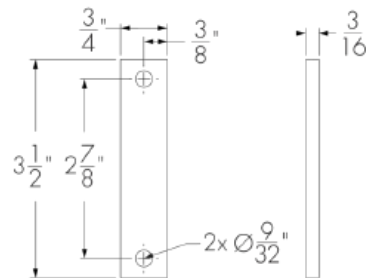
SAM - Mounting Hole Pattern



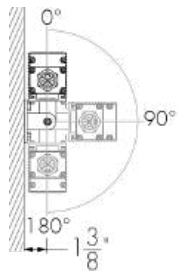
UMP - Fixed Mounting



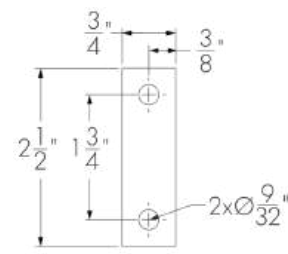
UMP - Mounting Hole Pattern



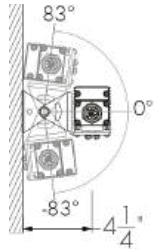
UMAS - Universal Adjustable Mounting



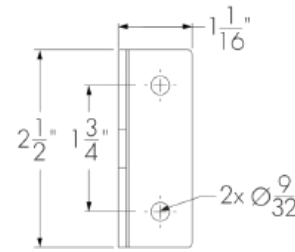
UMAS - Mounting Hole Pattern



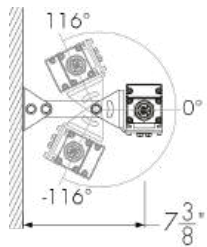
WAM2 - Adjustable Wall Mounting 2 in



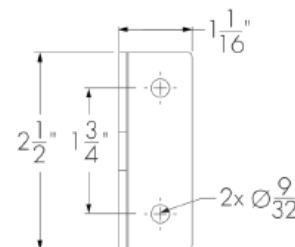
WAM2 - Mounting Hole Pattern



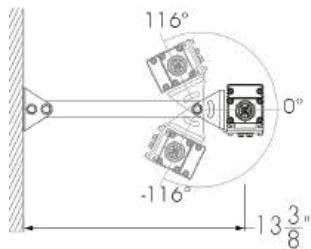
WAM6 - Adjustable Extended Arm Mounting 6 in



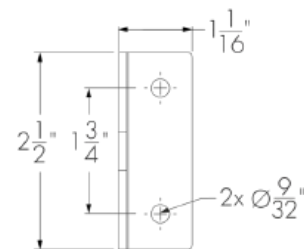
WAM6 - Mounting Hole Pattern



WAM12 - Adjustable Extended Arm Mounting 12 in



WAM12 - Mounting Hole Pattern



Cables (Order Separately)

LXTLC - Leader Cable For Lumencove XT



LXTLC-CERTIFICATION-CONTROL-LENGTH-CABLE COLOR

Please specify:

CERTIFICATION: UL or CE; **CONTROL:** NO/DIM or DMX/RDM; **LENGTH:** 10 ft, 25 ft, 50 ft, 100 ft, 150 ft or 200 ft; **CABLE COLOR:** BK (black) or WH (white) (connectors are black as standard).

- For NO, LT, DIM, DIM/DTW, DALI and ES fixture control options: specify the NO/DIM control option for the leader cable.
- Sealing endcap is mandatory for any unused connector. One (1) included with every NO/DIM leader cable.
- For DMX/RDM and DMX/RDM1 fixture control options: specify the DMX/RDM control option for the leader cable.
- DMX terminator is mandatory for any unused connector. One (1) included with every DMX/RDM leader cable.
- Consult Lumencove XT leader cable specification sheet for details.

LXTJC - Jumper Cable For Lumencove XT



LXTJC-CERTIFICATION-LENGTH-CABLE COLOR

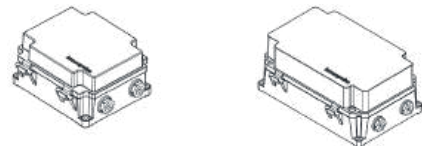
Please specify:

CERTIFICATION: UL or CE; **LENGTH:** 1 ft to 30 ft (available in 1 ft increments) or 50 ft; **CABLE COLOR:** BK (black) or WH (white) (connectors are black as standard).

- Suitable for dimming/data and on/off applications (NO, LT, DIM, DIM/DTW, DALI, DMX/RDM and DMX/RDM1 fixture control options).
- Consult Lumencove XT jumper cable specification sheet for details.

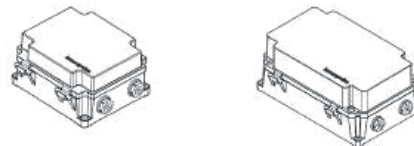
Control Boxes (Order Separately)

CBX-DMX/RDM - DMX/RDM Enabled (Daisy Chain or Star Configuration)



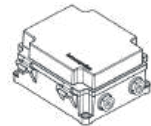
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumeterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



Ethernet control box. Up to four power and data outputs to fixture or fixture runs. Consult Ethernet CBX specification sheet and installation instructions for details.

LDB - Lumentalk Data Bridge



The Lumentalk Data Bridge is a digital interface that connects non-Lumentalk luminaires to the Lumentalk network, 0-10V or DMX output. Consult LDB specification sheet for details.

Control Systems (Order Separately)

PHAROS - Pharos® Kit



The Pharos kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations. 2 DMX universes kit shown.

Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

LID-LT - LumentalkID

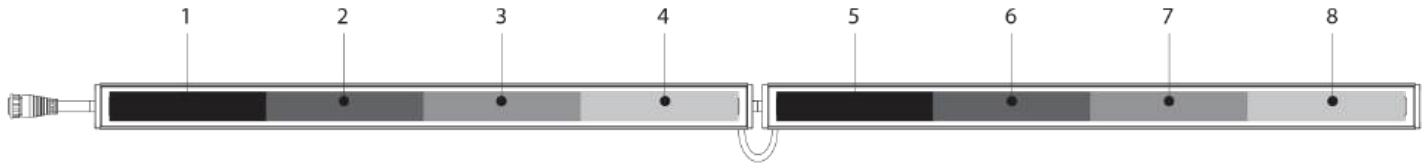


LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

Resolution Details

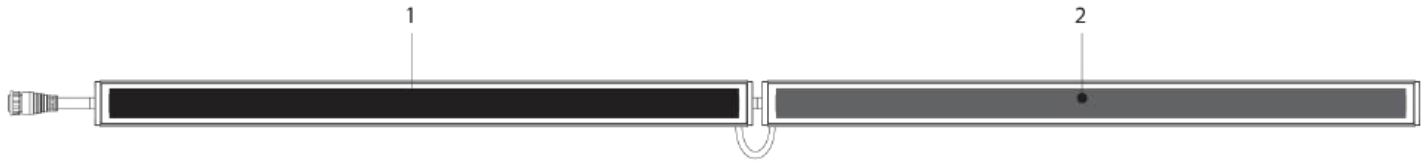
DMX/RDM Control, Resolution Per Foot: Each 12 in Section is Addressed Independently

DMX Addresses:



DMX/RDM Control, Resolution Per Fixture: Each Fixture is Addressed Independently

DMX Addresses:



- 48 in fixtures shown.
- Applicable for DMX/RDM control option only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Typical Wiring Diagrams

Wiring Color Code

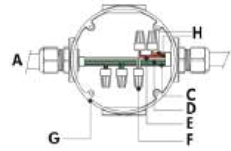
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -

On/Off Control (NO)



- A** - Power input (120-277V, wiring by others)
- B** - Junction box (by others)
- C** - Leader cable (LXTLC)
- D** - Lumencove XT
- E** - Jumper cable (LXTJC) (optional)
- F** - Sealing end cap

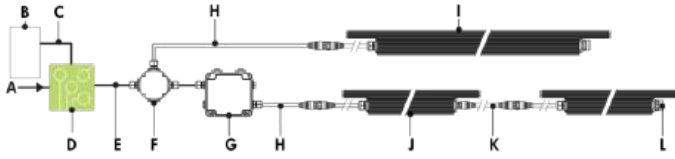
On/Off Control (NO) - Wiring Detail



- A** - Power input
- B** - To fixture
- C** - Line
- D** - Ground
- E** - Line/Neutral
- F** - Wire-nuts (by others)
- G** - Junction box (by others)
- H** - Not required

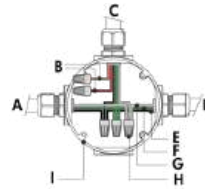
- Consult factory for specific applications and maximum fixture count cable length recommendations.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

Lumentalk (LT)



- A** - Power input (100-277V AC, wiring by others)
- B** - Dimmer/controller (order separately from lumenpulse, or by others)
- C** - Data wiring (by others)
- D** - Lumentranslator 2 (LTL2-010, -DMX, -TRIAC, -DALI)
- E** - Power wiring (by others)
- F** - Junction box (by others)
- G** - Lumentalk Data Bridge (LDB-DIM or LDB-DMX)
- H** - Leader cable (LXTLC)
- I** - Lumencove XT (24 in, 36 in or 48 in fixture lengths)
- J** - Lumencove XT (12 in)
- K** - Jumper cable (LXTJC) (optional)
- L** - Sealing end cap

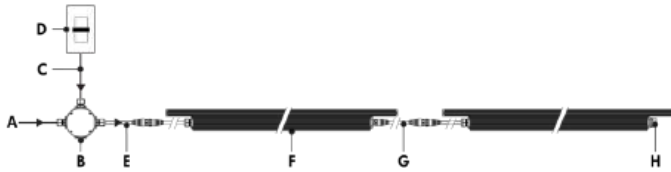
Lumentalk (LT) - Wiring Detail



- A** - Power input (control over power line via Lumentalk system)
- B** - Not required
- C** - To fixture
- D** - To Lumentalk Data Bridge (for run lengths with 12 in fixtures)
- E** - Line
- F** - Ground
- G** - Line/Neutral
- H** - Wire-nuts (by others)
- I** - Junction box (by others)

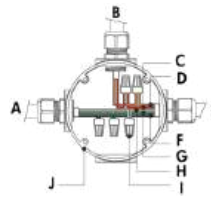
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for 12 in fixture lengths, see LDB installation instructions for details.
- For applications with all fixtures controlled as 1 zone : fixtures and Lumentalk Data Bridge must be specified as DIM. Maximum of 10 fixtures per LDB-DIM, consult factory for applications that require additional capabilities.
- For applications with fixtures controlled individually : fixtures and Lumentalk Data Bridge must be specified as DMX, 2-step commissioning process: 1 - DMX/RDM system using LumenID software and a LID, 2 - Lumentalk system using LumentalkID software and a LID-LT. Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- For DMX applications: 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- Consult factory for DALI Lumentalk applications.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

0-10V Dimming (DIM)



- A** - Power input (120-277V, wiring by others)
- B** - Junction box (by others)
- C** - Data wiring (by others)
- D** - Dimmer (by others)
- E** - Leader cable (LXTLC)
- F** - Lumencove XT
- G** - Jumper cable (LXTJC) (optional)
- H** - Sealing end cap

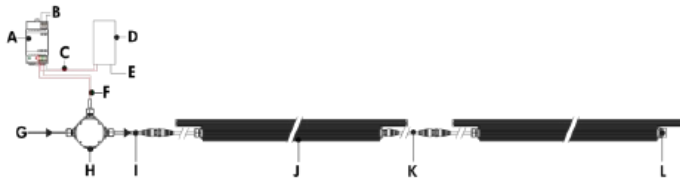
0-10V Dimming (DIM) - Wiring Detail



- A** - Power input
- B** - From dimmer (by others)
- C** - 0-10V +
- D** - 0-10V -
- E** - To fixture
- F** - Line
- G** - Ground
- H** - Neutral
- I** - Wire-nuts (by others)
- J** - Junction box (by others)

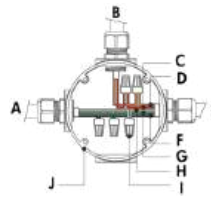
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length cannot exceed 8A per linear run **OR** maximum amperage capacity of the specified dimmer.
- 0-10V mA ratings : passive dimmer (Current Sink) : 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

DALI Dimming (DALI)



- A - DALI bus power supply (by others)
- B - Power input for DALI bus power supply (wiring by others)
- C - Data output to DALI controller (by others)
- D - DALI controller (by others)
- E - Power input for DALI controller (wiring by others)
- F - Data output to fixture (wiring by others)
- G - Power input (120-277V, wiring by others)
- H - Junction box (by others)
- I - Leader cable (LXTLC)
- J - Lumencove XT
- K - Jumper cable (LXTJC) (optional)
- L - Sealing end cap

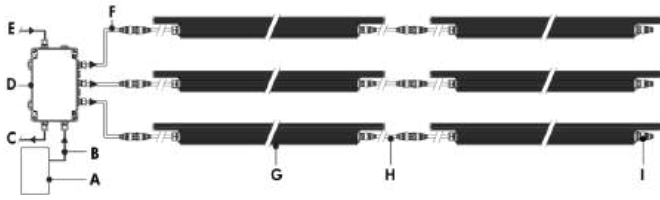
DALI Dimming (DALI) - Wiring Detail



- A - Power input
- B - From DALI controller (by others)
- C - DA +
- D - DA -
- E - To fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nuts (by others)
- J - Junction box (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.

Star Layout (DMX/RDM)



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-ST
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LXTLC)
- G** - Lumencove XT
- H** - Jumper cable (LXTJC) (optional)
- I** - DMX Terminator (last fixture in DMX/RDM run only)

Daisy Chain Layout (DMX/RDM)



- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-DS
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LXTLC)
- G** - Lumencove XT
- H** - Jumper cable (LXTJC) (optional)
- I** - DMX Terminator (last fixture in DMX/RDM run only)

Maximum Run of Fixtures, Lumencove® XT White & Static Colors RO 5W/ft

Voltage	120V	240V	277V
Maximum Run of Fixtures*	128ft		

Maximum Run of Fixtures, Lumencove® XT White & Static Colors HO 12W/ft

Voltage	120V	240V	277V
Maximum Run of Fixtures*	71ft	128ft	128ft

Based on 8A maximum, 50ft leader cable.

*Example: 120V = 128ft maximum run of end to end fixtures (32 fixtures maximum for 4ft LXT RO).

- Refer to CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 48 in fixtures.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 6 outputs per CBX-ST, maximum of 1 output per CBX-DS.
- DMX terminator is required at the end of each run to maintain data integrity. One (1x) DMX terminator included with each leader cable. See installation instructions for details.
- Each fixture requires 1 DMX address.
- 1% minimum dimming value.
- Regular Output version : 5 W/ft, High Output version : 12 W/ft.

How to Order

Housing	Voltage	Length	Color and Color Temperature ⁽²⁾	Mounting Options	Finish	Control	Option	Buy American Act
LXT RO Lumencove® XT Regular Output, 5 W/ft (ASHRAE compliant)	120 120 Volts	12 13 3/8 in (3 lbs) ⁽¹⁾	22K 2200K	SAM Slim Adjustable Mounting	BK Black Sandtex®	NO On/Off Control	CRC Corrosion-resistant coating ⁽¹¹⁾	BAA Buy American ^{(14) (15)}
	208 208 volts	24 25 3/8 in (4.6 lbs)	27K 2700K	UMP Fixed Mounting ⁽⁴⁾	BRZ Bronze Sandtex®	LT Lumentalk ^{(1) (8) (9)}	3GV 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications ⁽¹³⁾	
	220 220 volts	36 37 3/8 in (7.2 lbs)	30K 3000K	UMAS Universal Adjustable Mounting ⁽⁴⁾	SI Silver Sandtex®	DIM 0-10V Dimming	CE CE (European certification)	
LXT HO Lumencove® XT High Output, 12 W/ft	240 240 volts	48 49 3/8 in (9 lbs)	35K 3500K	WAM2 Adjustable Wall Mounting 2 in	WH Smooth White	DALI DALI dimming		
	277 277 Volts		40K 4000K	WAM6 Adjustable Extended Arm Mounting 6 in	CC Custom Color & Finish ^{(5) (6) (7)}	DMX/RDM DMX/RDM Enabled ⁽¹⁰⁾		
			RD Red ⁽³⁾	WAM12 Adjustable Extended Arm Mounting 12 in				
			GR Green ⁽³⁾					
			BL Blue ⁽³⁾					

Notes:

- To connect 12 in fixture lengths to the Lumentalk system, DIM or DMX/RDM must be specified as the control option, and a Lumentalk Data Bridge (LDB) is required. See the typical wiring diagrams in the specification sheet for details.
- Consult factory for availability of static Royal Blue, 6500K and 90+ CRI.
- Static colors made to order 8-10 weeks.
- Suitable to use when 3GV option is specified.
- Lumenpulse offers a wide selection of RAL CLASSIC (K7) colors with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colors, other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.
- Setup charges apply for RAL colors. Consult factory for details.
- Longer lead times can be expected for custom RAL color finishes.
- Available for 24 in, 36 in and 48 in fixture lengths only.
- A Lumentranslator 2 (LTL2) and LumentalkID (LIDLTI) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
- A control box (CBX) and LumenID (LID) must be specified.
- Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
- Setup charges apply. Consult factory for details.
- Available with UMP and UMAS mounting options only.
- Not available with CE certification option.
- Contact your Lumenpulse Sales Representative for more information on order volume details.

E-WCSB SERIES

CCT & Wattage Selectable LED Wall Sconce w/ Photocell

Type: OS
 Project: Rogers Behavioral Health Oconomowoc
 Catalog#: E-WCSUPDN-UPDN-20L-SCCT-BZ

Our savr® LED Wall Sconce, available in up to 34W, features an integrated photocell and an internal switch for selecting up-only, down-only, or both up and down lighting. It offers field selectable CCT and wattage, wide optical distribution and delivers up to 3000 lumens. Bronze finish, cULus Listed, 5-year limited warranty.



KEY FEATURES

PERFORMANCE

- E-WCSB-UPDN-09L-SCCT-BZ provides a range of 600 to 900 nominal lumens*
- E-WCSB-UPDN-20L-SCCT-BZ provides a range of 1200 to 2000 nominal lumens*
- E-WCSB-UPDN-30L-SCCT-BZ provides a range of 2200 to 3000 nominal lumens*
- Field selectable CCT options: 3000K, 4000K & 5000K
- CRI > 90
- Beam angle 35 degree

ELECTRICAL

- Input Voltage: Universal (120v - 277v)
- Operating Temperature Range: -40°F to 113°F (-40°C to 45°C)
- Estimated >140,000 hours of maintenance-free operation to L₇₀ at 25°C (77°F)
- Power Factor: >0.9
- Total Harmonic Distortion: <20%
- Dimmable: 0-10v to 10% - Dimming with dimming leads available for use in the field
- Surge Protection: 4kV

CONSTRUCTION / INSTALLATION

- Premium powder-coat, aluminum, dark bronze housing
- Easy installation in new construction or retrofit applications. Wall mount kit included

WARRANTY & CERTIFICATIONS

- 5-Year Limited Warranty
- cULus listed for wet locations
- Complies with FCC part 15, class A
- IP65 rated for ingress protection



APPLICATIONS

- Commercial
- Entryways
- Offices
- Residential

ORDERING INFORMATION

Example SKU: E-WCSB-UPDN-09L-SCCT-BZ

SERIES	DIRECTION	FIELD SELECTABLE LUMEN PACKAGE	CCT (FIELD SELECTABLE)	FINISH
E-WCSUPDN	UPDN Up only Down only Up and down	09L Up to 900 Lumens	SCCT 3000K/4000K/5000K	BZ Bronze
		20L Up to 2000 Lumens		
		30L Up to 3000 Lumens		

CA RESIDENTS WARNING: Cancer and Reproductive Harm – www.p65warnings.ca.gov

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e-conolight.com | Customer Service: 888-243-9445 | Fax: 262-504-5409

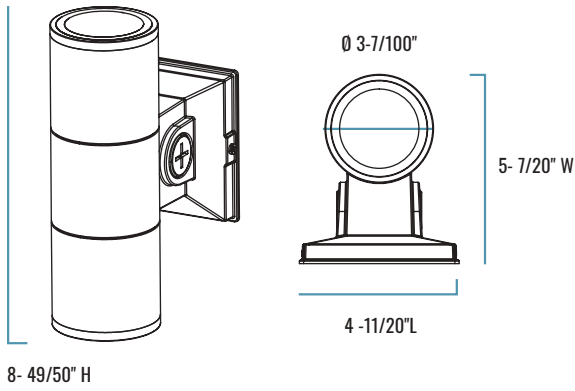
1501 96th Street, Sturtevant, WI 53177

Rev. Date: 03/31/2025

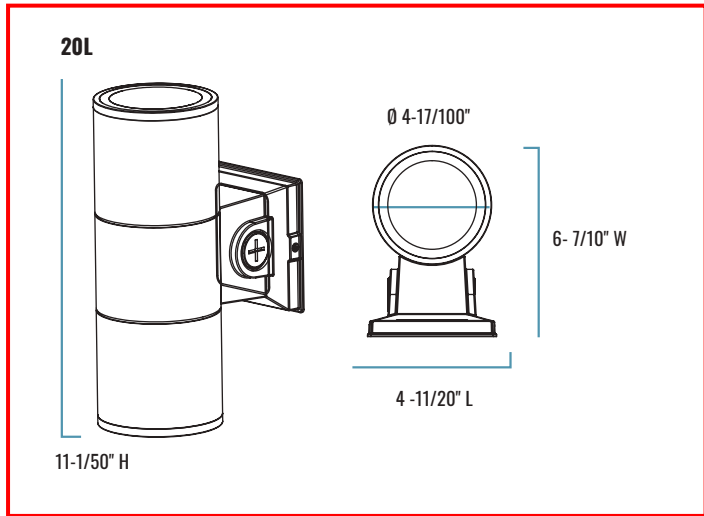
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E-WCSB SERIES

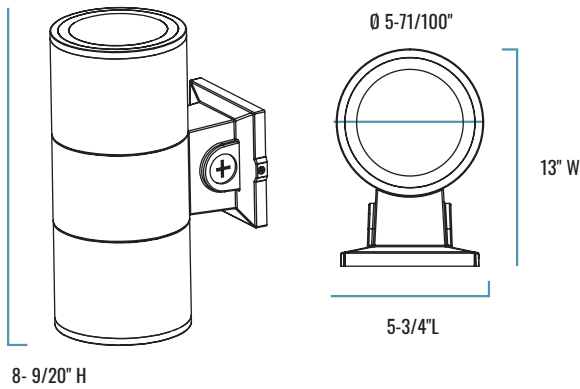
9L



20L



30L



MOUNTING DETAILS & DIMENSIONS

LUMEN PACKAGE	MOUNTING OPTIONS	RECOMMENDED MOUNTING HEIGHT	RECOMMENDED SPACING	PRODUCT DIMENSIONS	PRODUCT WEIGHT (LBS.)
9L		6 feet	6ft apart	4-11/20" L x 5-7/20" W x 8-49/50" H	2.65
20L	Wall mount kit included	8 feet	8ft apart	4-11/20" L x 5-7/20" W x 8-49/50" H	4.13
30L		12 feet	12ft apart	5-3/4" L x 13" W x 8-9/20" H	6.48

ELECTRICAL PERFORMANCE

OPERATING TEMPERATURE RANGE	ESTIMATED LIFESPAN L_{70} AT 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE	SURGE PROTECTION
-40°F to 113°F (-40°C to 45°C)	>140,000 hours	> 0.90	< 20%	0-10v to 10% - Dimming with dimming leads available for use in the field	4kV

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E-WCSB SERIES

LUMINAIRE PERFORMANCE

SERIES	MEASUREMENTS	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
E-WCSB-UPDN-09L	Lumens	502	565	590	625	707	735	763	864	894
	Watt	6.07	5.99	6.06	7.62	7.49	7.61	9.37	9.19	9.33
	Efficacy	83	94	97	82	94	97	81	94	96
E-WCSB-UPDN-20L	Lumens	1115	1225	1277	1487	1662	1716	1739	1959	1999
	Watt	12.31	12.14	12.32	16.82	16.61	16.88	20.07	19.79	20.1
	Efficacy	91	101	104	88	100	102	87	99	99
E-WCSB-UPDN-30L	Lumens	2004	2162	2337	2443	2660	2716	2663	2912	2979
	Watt	23.65	23.48	23.91	29.88	29.63	30.09	34.66	34.43	24.85
	Efficacy	85	92	94	82	90	90	77	85	85

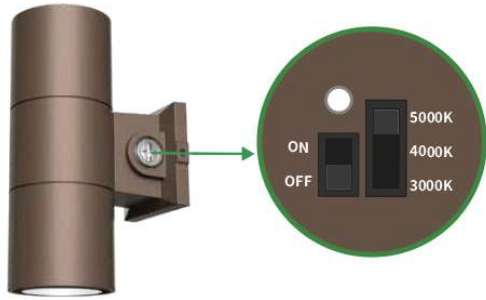
AMP DRAW

SERIES	CCT	LOW LUMENS			MID LUMENS			HIGH LUMENS			BUG RATING
		120V	240V	277V	120V	240V	277V	120V	240V	277V	
E-WCSB-UPDN-09L	3000K	0.05A	0.03A	0.02A	0.06A	0.03A	0.02A	0.08A	0.04A	0.03A	B1-U3-G0
	4000K	0.05A	0.02A	0.02A	0.06A	0.03A	0.02A	0.08A	0.04A	0.03A	
	5000K	0.05A	0.03A	0.02A	0.06A	0.03A	0.02A	0.08A	0.04A	0.03A	
E-WCSB-UPDN-20L	3000K	0.1A	0.05A	0.04A	0.14A	0.07A	0.06A	0.17A	0.08A	0.07A	B1-U4-G0
	4000K	0.1A	0.05A	0.04A	0.14A	0.07A	0.06A	0.16A	0.08A	0.07A	
	5000K	0.1A	0.05A	0.04A	0.14A	0.07A	0.06A	0.17A	0.08A	0.07A	
E-WCSB-UPDN-30L	3000K	0.2A	0.1A	0.09A	0.25A	0.12A	0.11A	0.29A	0.14A	0.13A	B2-U5-G0
	4000K	0.2A	0.1A	0.08A	0.25A	0.12A	0.11A	0.29A	0.14A	0.12A	
	5000K	0.2A	0.1A	0.09A	0.25A	0.13A	0.11A	0.29A	0.15A	0.13A	

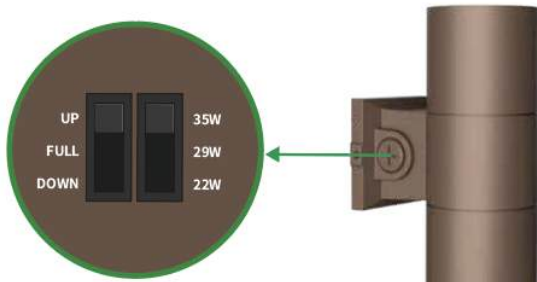
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E-WCSB SERIES

LOCATION OF SWITCHES

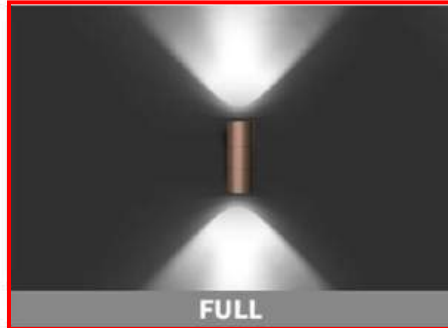


DIP Switch for CCT & Photocell



DIP Switch for Wattage & Up/Down/Full Light Option

LIGHT DIRECTIONS TO CHOOSE FROM



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1501 96th Street, Sturtevant, WI 53177

Rev. Date: 03/31/2025

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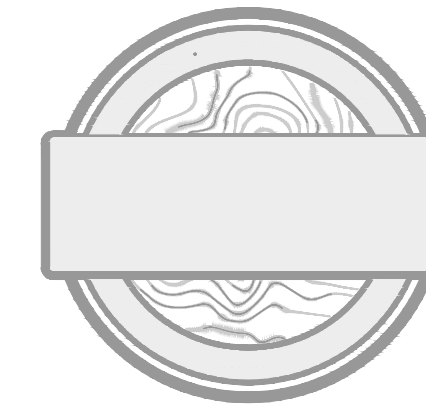


Specifications

Base Type	E26/E27 (Medium Screw)	Brand	Super Bright LEDs
Control Type	None	Current Draw ?	190 mA
Dimmer Type ?	TRIAC	Dimmable	Yes
Environmental Rating ?	Suitable for Wet Locations, Waterproof	Finish	Black
Input Connection Type	1-15P Plug	IP Rating ?	IP65
LED Lifetime	20000 Hours	LED Quantity	15
Length	48 ft	Linkable	Yes
Operating Temperature	-10 to 40 °C (14 to 104 °F)	Wattage	22.5 Watts
Standards And Certifications ?	UL Listed	UL File Number	E507879
Voltage	120 VAC	Warranty	2 Year

Part NO	CCT ?	LED Color	Lumens
	2200K	Ultra Warm 2200K	1425 Lumens
	2700K	Warm 2700K	1725 Lumens

All specifications are subject to change without notice. All products are



PROJECT:
EDC TREATMENT FACILITY
ROGERS BEHAVIORAL HEALTH
34700 VALLEY ROAD
VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY

DATE	DESCRIPTION

DATE:
JULY 23, 2025

JOB NUMBER:
25-1071.00

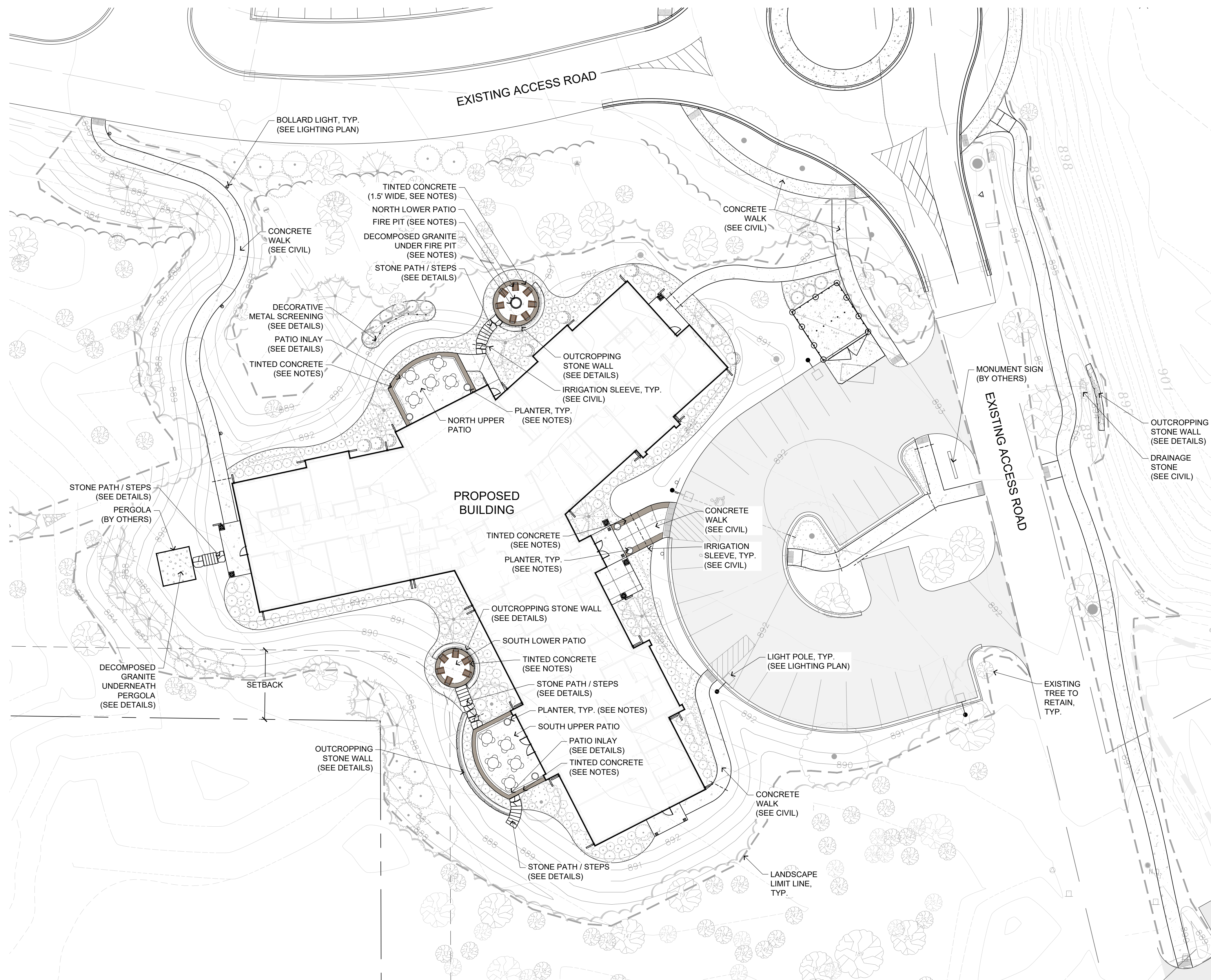
DESCRIPTION:
LANDSCAPE
SITE PLAN

SHEET

L1.00

LANDSCAPE SHEET INDEX

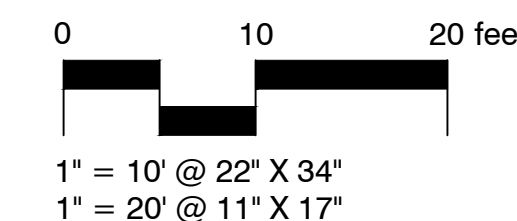
- L1.00 LANDSCAPE SITE PLAN
- L1.01 PLANTING PLAN
- L1.02 SEEDING PLAN
- L1.03 CAMPUS TREE PLANTING PLAN
- L2.00 LANDSCAPE NOTES
- L2.01 LANDSCAPE DETAILS



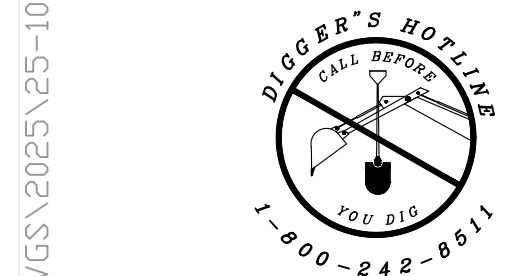
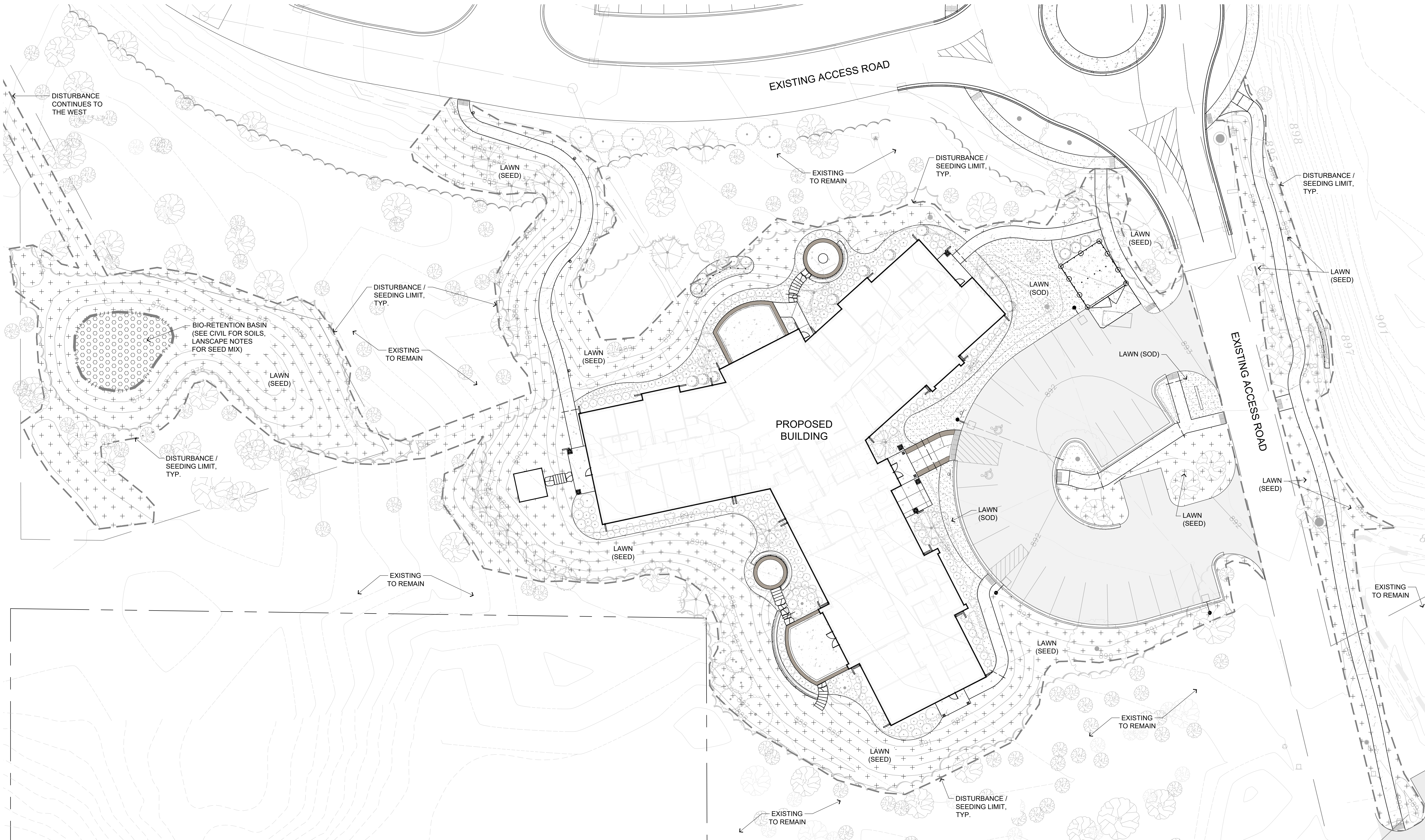
LANDSCAPE SITE PLAN NOTES

- Site furnishings by owner, to be Sister Bay.
- See Lighting Plan for actual lighting locations and fixture specifications.

IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.



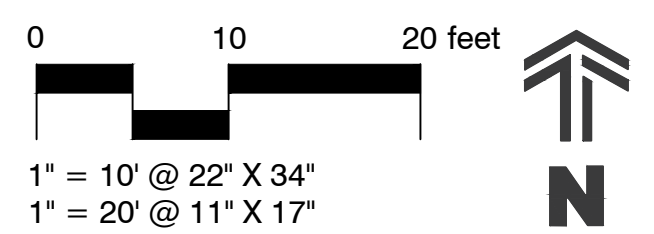
HK.DWG5\2025\25-1071.00 ROGERS BEHAVIOR HEALTH - MAIN CAMPUS 24-BED EATING DISORDER\LA\AUTOCAD\25-1071.00 LP01 - MAIN CAMPUS.DWG



IN ACCORDANCE WITH WISCONSIN STATUTE 182.075, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.

KEY	
	LAWN SEED (SEE NOTES SHEET L2.00)
	LAWN SOD (SEE NOTES SHEET L2.00)
	SHORT PRAIRIE FOR MEDIUM SOILS (SEE NOTES SHEET L2.00)

- SEEDING / SODDING NOTES**
- Lawn areas to be seeded or sodded. See plan for locations. See notes for more information.
 - Disturbance / seeding limits are approximate. All areas (outside of plant beds) disturbed during construction shall be seeded or sodded.
 - For safety reasons, do not use metal landscape staples. Only Ecoduty Degradable Stakes (or approved equivalent) shall be used to secure erosion control matting.



4100 N. Calhoun Rd
Suite 300
Brookfield, WI 53005
Phone: (262) 790-1480
Fax: (262) 790-1481

PROJECT:
EDC TREATMENT FACILITY
ROGERS BEHAVIORAL HEALTH
34700 VALLEY ROAD
VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY	
DATE	DESCRIPTION

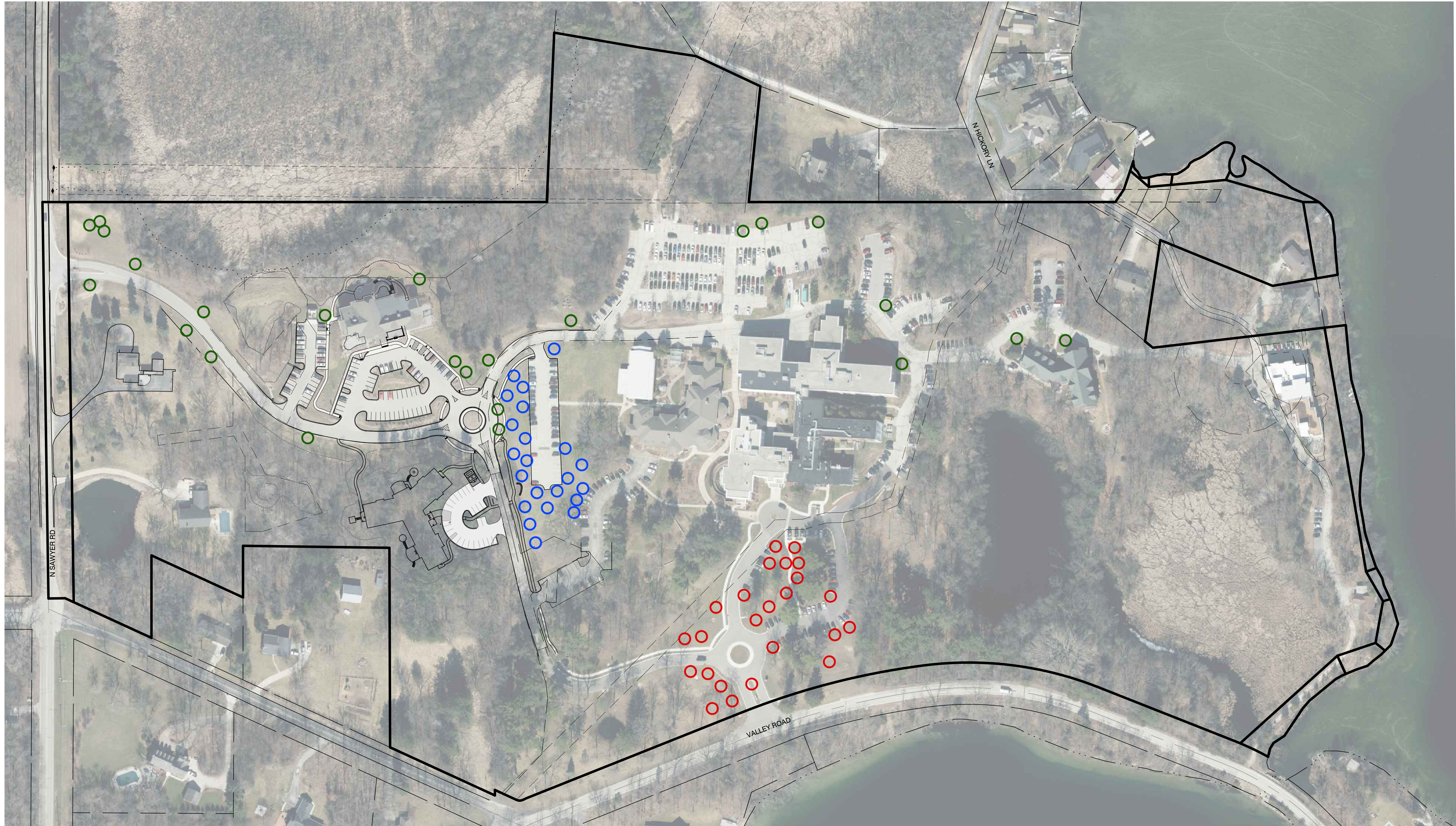
DATE:
JULY 23, 2025

JOB NUMBER:
25-1071.00

DESCRIPTION:
SEEDING PLAN

SHEET
L1.02

H:\DWGS\2025\25-1071.00 ROGERS BEHAVIOR HEALTH - MAIN CAMPUS 24-BED EATING DISORDER\LA\AUTOCAD\25-1071.00 LP02 - MAIN CAMPUS TREE PLANDWG



KEY

○	Proposed Tree Location - Year 2027	Qty: 24
○	Proposed Tree Location - Year 2028	Qty: 23
○	Proposed Tree Location - Year 2029	Qty: 24
	Total Qty of Trees to be Planted	71

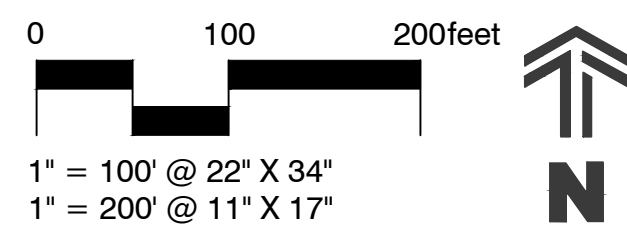
Note:
Final location of all trees to be field verified by owner or landscape architect prior to installation.

POTENTIAL NATIVE TREES TO PLANT

- | | |
|------------------------|---------------------------|
| Allegheny Serviceberry | Amelanchier laevis |
| Apple Serviceberry | Amelanchier x grandiflora |
| River Birch | Betula nigra |
| Musclewood | Carpinus caroliniana |
| Bitternut Hickory | Carya cordiformis |
| Shagbark Hickory | Carya ovata |
| Common Hackberry | Celtis occidentalis |
| Kentucky Coffeetree | Gymnocladus dioica |
| Eastern Red Cedar | Juniperus virginiana |
| Ironwood | Ostrya virginiana |
| White Spruce | Picea glauca |
| Eastern White Pine | Pinus strobus |
| Swamp White Oak | Quercus bicolor |
| Bur Oak | Quercus macrocarpa |
| Chinkapin Oak | Quercus muehlenbergii |
| Hybrid Swamp x Bur Oak | Quercus x schuettei |



IN ACCORDANCE WITH WISCONSIN STATUTE 182.075, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.



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34700 VALLEY ROAD
VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY

DATE	DESCRIPTION

DATE:
JULY 23, 2025

JOB NUMBER:
25-1071.00

DESCRIPTION:
CAMPUS TREE
PLANTING PLAN

SHEET

L1.03

LANDSCAPE NOTES

GENERAL

- 1.01 All landscape installation and maintenance to conform with all applicable local codes and ordinances.
- 1.02 See site drawings for work limits, scope of construction, hardscape, dimensions and/or construction notes. See civil drawings for all hardscape, grading, stormwater management, site utilities and erosion control. See landscape drawings for landscape plans, site amenities, details, schedules, notes. See architectural drawings for all construction. See electrical drawings for all power, circuiting, lighting and security. See mechanical drawings for other site equipment.
- 1.03 Contractor shall provide shop drawings and material submittals of **all** hardscape and landscape construction elements shown in plan set for landscape architect review prior to construction.
- 1.04 Contractor to provide samples for landscape architect's approval on all colors, finishes and materials prior to construction, including (but not limited to) topsoil, gravels, mulches, seed mixes, etc.
- 1.05 Caution: underground utilities are present on site. The contractor shall verify location of all above- and below-grade utilities, **both public and private**, prior to commencement of site construction. If unanticipated above- or below-grade conditions are encountered, notify client and landscape architect prior to proceeding. Coordinate with local public utility locating entity as needed.
- 1.06 Contractor to verify hardscape layout prior to construction. Contact landscape architect if discrepancies are found.
- 1.07 Contractor to limit construction traffic to within work limit lines. All adjacent damage shall be the responsibility of the contractor to restore. See civil drawings for limits of disturbance.
- 1.08 All written dimensions supersede scaled dimensions. All dimensions are taken from face of curb, wall or existing building foundations.

PLANTING

- 2.01 Rough grading and topsoil import/spreading are to be completed by others. Finish grading, seed area and planting bed preparation shall be the landscape contractor's responsibility. Verify all existing site and grading conditions prior to construction.
- 2.02 All areas disturbed by site construction shall be fine graded and restored with vegetative cover as shown. See plans for cover types and locations, see specifications for materials and installation.
- 2.03 Landscape contractor shall verify plant quantities shown on plan. Symbol quantities take precedence over plant schedule. Landscape contractor shall forward a material list to the landscape architect prior to construction identifying species, sizes and plant sources to be used on the project. Any potential plant substitutions or changes to sizes shown on plan and appropriate cost credits / adjustments must be submitted in writing to the general contractor and approved by the owner's representative and landscape architect prior to installation.
- 2.04 All plant materials shall conform to the schedule and shall meet quality requirements outlined in the ANLA "American Standard for Nursery Stock", ANSI Z60.1-2014. The landscape architect, general contractor or owner's representative reserves the right to reject any substandard planting material. Such rejected material shall be removed from the project site immediately.
- 2.05 An owner's representative shall be allowed to inspect and approve trees at the nursery prior to delivery to the site.
- 2.06 All nursery tags/labels shall be left on plant materials until the project punch-list inspection is completed by the landscape architect. Untagged materials will be assumed to be deficient.
- 2.07 Topsoil requirements:
 - All planting beds shall contain screened, blended and weed free topsoil mix to a minimum depth of 18". All seeded areas shall have minimum depth of 4".
 - Existing topsoil meeting project specifications may be stripped, stored and re-used if previously approved. Landscape contractor shall remove all excessive clay, gravel and stones detrimental to healthy plant growth. Landscape contractor shall remove all debris greater than 1" diameter.
 - Subgrade shall be tilled and/or scarified prior to placement of topsoil.
 - Landscape contractor shall be responsible for obtaining soil tests for existing or imported topsoil. Soil testing results shall include (but are not limited to) soil pH, % organic matter, % nitrogen/phosphorus/potassium, % calcium, and soil texture (percentages of sand, silt and/or clay.) Soil testing shall include recommendations for soil amendments, if required to support growth of standard ornamental landscape materials.
 - Contaminated soil shall be removed from the project site if discovered.
- 2.08 Grading and/or landscape contractor shall provide positive drainage away from all structures for a minimum of 10'.
- 2.09 Landscape contractor is responsible for ensuring that all tree pits and planting areas drain properly. Notify landscape architect if drainage or moisture issues are encountered while planting.
- 2.10 Tree Planting (see detail):
 - Identify root flare - the part of the trunk where roots spread out at the base of the tree. Root flare should be visible (not buried under mulch or soil) after the tree has been planted. Plant all trees slightly higher than finished grade at root flare.
 - Dig hole two to three times as wide as the root ball, and slightly shallower than root ball. Break up compacted soil on sides of hole, leaving bottom of hole firm.
 - Once tree has been placed in hole, ensure it is at the proper depth and vertical alignment before tamping soil around lower portion of root ball.
 - Remove and discard all synthetic twine from root ball.
 - Without loosening the root ball, peel back, cut and remove as much of the wire basket as possible.
 - Backfill with 25% compost and 75% existing soil blended prior to backfilling holes, in six inch lifts. Lightly compact each lift using foot pressure to settle backfill, support the tree and eliminate voids.
 - When the planting hole has been backfilled to three-quarters of its depth, pour water around the root ball to settle the soil. Continue backfilling until soil is brought to grade level.
 - Refer to Mulching note below.
 - Trees that are installed incorrectly will be replaced at the time and expense of landscape contractor.
- 2.11 Tree Guards (protect against deer): install 4' high mesh tree protectors around the trunks of all newly planted trees (see detail).
- 2.12 Tree Staking: Due to unique site characteristics and the specific qualities of each tree, some trees may need to be staked. If the root ball is unstable, the trunk is bending, or the tree is planted in a very windy or otherwise unstable location, it should be staked.
- 2.13 Shrub Planting (see detail):
 - All shrubs shall be backfilled with 25% compost and 75% existing soil, blended prior to backfilling holes.
 - Remove twine and top third of burlap from B&B shrubs. Remove and discard all synthetic twine.
 - When planting hole has been backfilled to three-quarters of its depth, pour water around the rootball to settle the soil.
 - Continue backfilling until soil is brought to grade level.
- 2.14 Plant Bed Preparation: the soil in all perennial and ornamental grass areas, shall be amended with compost prior to plant installation. Spread a 3" layer of compost (per note below) on top of clean topsoil and rototill to a depth of approximately 8".
- 2.15 Compost shall be stable and weed-free organic matter. It shall be resistant to further decomposition and free of compounds, such as ammonia and organic acids in concentrations toxic to plant growth. The compost shall contain no pathogens or other chemical contaminants and be free of physical contaminants (i.e. plastic). The compost shall have a pH between 5.5 - 8.5, be finely ($\frac{3}{8}$ " - $\frac{1}{2}$ " screened and contain an organic content between 25-65%.
- 2.16 Unless otherwise shown, all shrubs, perennials and ornamental grasses to be planted in triangular arrangements. For plants not shown individually, refer to the spacing shown in the plant schedule.
- 2.17 Mulching: All tree and shrub planting beds to receive a 3" deep layer of high quality, shredded hardwood mulch, reduced to a depth of 1" on top of root balls. All perennial and ornamental grass areas to receive 2" of the same mulch. Do not allow mulch to contact plant stems and tree trunks (keep 4" to 6" away from tree trunks). For trees in lawn areas, create a 3" deep, 4 ft. diameter ring of mulch, reduced to a depth of 1" on top of root ball. Form mulch into a low saucer shape a little higher at the outer edge to help contain water.
- 2.18 Plant Bed Edging: Edge all planting beds with a 4" deep shovel cut or mechanical edge. Bedlines are to be cut per plan. A clean definition between the lawn and plant bed is required.

LAWN / SEEDING

- 3.01 This work shall consist of preparing the seed beds and/or sod areas and furnishing, sowing and mulching the required seed for the various seeded areas, as outlined in the site plans and specifications. All turf restoration shall be seeded turf unless otherwise noted.
- 3.02 Rough grading, drainage work, topsoiling and fine grading shall be completed before sowing the seed mixes and/or installing sod. **A minimum depth of 4" of blended, prepared and non-compacted topsoil is required for all seeded and/or sodded areas.** The areas to be seeded and/or sodded shall be worked with plow chisels, discs and harrows, soil finishers and/or other appropriate equipment until a reasonably even and loose seedbed is obtained. Seed/sod beds shall be prepared immediately in advance of the seeding. If proposed seed/sod areas are weedy, contractor to apply herbicide or other weed control measures to eliminate weeds. Follow herbicide's recommended waiting period, if any, prior to seeding/sodding.
- 3.03 Confirm that anticipated project schedule date(s) fall within industry standards for seed installation prior to performing any work. Installations completed outside of acceptable seeding dates shall be performed at the sole responsibility and expense of the contractor. For dormant seeding, a minimum of one over-seed application in the following season will be required.
- 3.04 Provide seed mix invoices, bag-tags or mix analysis results to landscape architect for approval prior to installation. Native seed shall be sold on a PLS basis.
- 3.05 The seed mixtures shall be sown by means of equipment adapted to the purpose. Mechanical distribution of seed (i.e. Truax seed drill, Brillion seeder, cultipacker, slit-seeder, drop spreader or broadcast spreader) are the accepted methods.
- 3.06 No seeding shall occur if the wind exceeds 12 MPH.
- 3.07 Coordinate erosion control and/or mulching with civil drawings:
 - In sloped areas steeper than 4:1, erosion control matting shall be installed by others. Landscape installation shall be coordinated with the grading contractor.
 - In areas with slopes between 4:1 and 8:1, grading and/or landscape contractor shall apply straw mulch, free of debris and seeds, on all newly seeded areas. Mulch shall be uniformly spread over the designated area at a rate of 55 bales per acre or as indicated in the respective seed supplier's specifications. Mulch material shall be chopped and blown into the seeded area. A taffier may be necessary to avoid wind damage.
 - Lightweight erosion control matting and/or hydromulch will be accepted as a no-cost alternate if approved by landscape architect prior to application.
 - **For safety reasons, do not use metal landscape staples. Only Ecodytu Degradable Stakes (or approved equivalent) shall be used to secure erosion control matting.**
- 3.08 See civil drawings for erosion control measures. Coordinate with grading contractor where required to ensure that topsoil, seeding and/or mat installations are properly coordinated.
- 3.09 Seed mix substitutions will be considered only if submitted for approval 10 days before the close of bidding. All mixes shall be installed and maintained per supplier's specifications.

LAWN SEED MIX:

"Deluxe 50 Lawn Seed Mix" shall be supplied by Reinders, Sussex, WI, 262-786-3300. Apply at 4 - 5 lbs per 1000 SF.

SHORT PRAIRIE FOR MEDIUM SOILS:

"Short Prairie for Medium Soils" shall be supplied by Prairie Nursery, Westfield, WI, 608-296-2741. Apply at 10 PLS lbs per acre. Mix with a cover crop per supplier's recommendations.

- 3.10 Based on soil test results, apply an appropriate starter fertilizer at the time of seeding / sodding.
 - 3.11 Landscape contractor is responsible for establishing a smooth, uniform, quality turf area. An acceptable quality turf is defined as having no more than 5% of the total area with bare spots larger than 1/2 square foot and uniform coverage throughout all lawn areas.
 - 3.12 Native Seed Installation: Seed bed to be prepared similar to lawn seed beds. All weeds and existing vegetation must be killed prior to seeding, using an appropriate herbicide or other method. Depending on the weeds present, multiple rounds of herbicide may be necessary. Methods of installation may vary at the discretion of the landscape contractor on his/her responsibility to establish and guarantee a uniform quality native seeding. An acceptable quality native seeding is defined as having no more than 10% of the total area with bare spots larger than 1 square foot and uniform coverage throughout all seeding areas.
- Recommended seeding times:
- Spring Seeding: Spring thaw through June 30th
Water seeding in the first two months after a spring planting.
 - Dormant Seeding: September 1st through soil freeze-up
Include nurse crop during dormant seeding to protect soil from erosion over winter.
- 3.13 Lawn Sod Installation: Prepare the topsoil by removing / killing any existing vegetation and any stones on the surface greater than 1" diameter. Grade sod areas to finish grade, allowing for thickness of sod. Finished soil should be loose, not compacted. Use only a premium sod blend. Install sod uniformly with staggered joints, laid tightly end to end and side to side, leaving no gaps between the edges. On slopes, lay sod horizontally across the slope. Roll sod with a walk behind roller and water thoroughly immediately upon installation. Stake any sod installed on steep slopes or in swales, etc. Landscape contractor is responsible to provide a smooth, uniform, quality turf. Landscape contractor shall repair and re-sod any eroded, sunken or bare spots larger than 1/2 square foot until acceptance by owner.

LANDSCAPE MAINTENANCE AND WARRANTY

- 4.01 Maintenance for 6 Months after Substantial Completion: Landscape contractor shall be responsible for providing comprehensive landscape establishment and maintenance for 6 months after Substantial Completion. Prior to beginning installation, the landscape contractor shall submit a 6 month calendar for review/approval to the owner and/or landscape architect, including all anticipated maintenance activities and dates. This includes all trees, shrubs, perennials, ornamental grasses and seeded/sodded areas. Work shall include:
 - watering as needed for establishment and ongoing maintenance of plant material
 - watering as needed for establishment of seeded/sodded areas
 - weeding and/or herbicide application
 - mowing of seeded/sodded areas
 - pruning
 - fertilizing
 - pest management
 - spring/fall clean-ups
- 4.02 Warranty and Replacements: All plants (trees, evergreens, shrubs, perennials and ornamental grasses) shall be guaranteed (100% replacement) for one year from the date of Substantial Completion. This assumes the owner performs required maintenance (i.e. regular watering, etc.) after substantial completion of the landscape installation. Only one replacement per plant will be required during the warranty period, except for losses due to failure to comply with landscape specifications. Replacements shall be plants of the same variety specified on the plan and closely match adjacent specimens in size. The landscape contractor is responsible for keeping a documented record of which plants have been replaced during the warranty period.

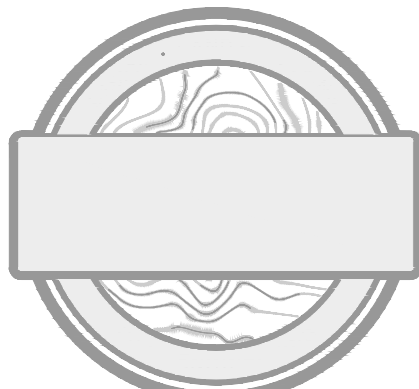
IRRIGATION

- 5.01 Irrigation Design / Build Plan: A landscape contractor shall provide a design / build irrigation construction plan to the owner and municipality (if required). Coordinate plan with general contractor.

- Irrigation designer / contractor shall be certified by the Irrigation Association as a Certified Irrigation Designer and have a minimum of 5 years experience designing and installing this type of work.
- Irrigation design shall follow all local and state codes/requirements.
- Irrigation design shall be for shrub / perennial beds only (not turf areas), which shall be irrigated with a drip system.
- Irrigation designer / contractor shall provide to the owner a set of as-built plans of the installed irrigation system.

HARDSCAPE / AMENITY

- 6.01 Exterior planters to be Planters Unlimited Manhattan Fiberglass Tapered Round Planter (or approved equivalent) in the following sizes / quantities (color & finish by owner):
 - 6 - 30" Dia. x 30" H SKU: F1-MAN-TR3030 with 1/2" drainage holes
- 6.02 Outcropping Retaining Walls: Halquist Stone - Lannon Weatheredge (or approved equal), color - buff. See detail. See civil plans for top and bottom of wall elevations.
- 6.03 Outcropping Steps: Halquist Stone - Lannon Weatheredge (or approved equal), color - buff. See detail.
- 6.04 Flagstone Path - Shall be approximately 24"-36" diameter limestone pavers, 2" thick, set over 3" crushed stone base over compacted sub-base.
- 6.05 Decomposed Granite Pad under Pergola: shall contain 2" - 3" of decomposed granite, color gray, installed over non-woven geotextile fabric over compacted sub-grade. Edge with metal edging.
- 6.06 Metal Edging: 3/16" thick x 3.5" depth mill finished aluminum edging. Permaloc Permastrap™, Holland, MI or approved equal. Install per manufacturer's specifications.
- 6.07 Privacy Screen: Outdeco Spiral 3' x 6' Oxy-Shield Corten Decorative Screen Panel in Rush with 6-Screws supported by 75 in. x 2 in. x 2 in. Black Galvanized Steel Fence Post and Welded Base Plate or approved equal. See detail for general layout, install per manufacturer's specifications.
- 6.08 Fire Pit: Paloform Bol Corten Fire Bowl 42" diameter (wood burning) or approved equal, color - corten steel. Fire pit shall sit on 2" - 3" depth decomposed granite, color gray, over geotextile fabric.
- 6.09 Tinted Concrete / Integral Colored Concrete: Install where shown on landscape plans. See civil drawings for concrete detail. Shall be "SikaColor - 100 P" integral admixture, sealed with "Selectseal Plus" water-based sealant. Available from Sika USA, Aurora, IL, 800-282-3388; or approved equal. Color TBD from standard SikaColor - 100 P options; assume "U18 Gull Gray" color for pricing purposes. Contractor shall provide up to three 2'x2' test-pours of different colors for final selection, each with appropriate sealant and broom finish. Final selection by owner and coordinated with landscape architect.
- 6.10 Patio Inlay:
 - Base Bid: Concrete Pavers, Unilock Hollandstone Pavers or approved equal. Color TBD from standard color options, contractor to provide samples of River, Sierra and Charcoal, final selection by owner and coordinated with landscape architect. Installed on a concrete base with polymeric sand swept joints, see detail.
 - Alt Bid #1: Mexican Beach Pebbles, 2"-3" diameter or approved equal. Color black/gray. Installed over a mortar base with sand swept joints, see detail.
 - Alt Bid #2: Synthetic Turf, AstroLawn Bonita Green Artificial Grass or approved equal. Installed on a compacted stone base with composite or treated nailer boards, see detail.



4100 N. Calhoun Rd
Suite 300
Brookfield, WI 53005
Phone: (262) 790-1480
Fax: (262) 790-1481

PROJECT:
EDC TREATMENT FACILITY
ROGERS BEHAVIORAL HEALTH
34700 VALLEY ROAD
VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY

DATE	DESCRIPTION

DATE:
JULY 23, 2025

JOB NUMBER:
25-1071.00

DESCRIPTION:
LANDSCAPE NOTES

SHEET

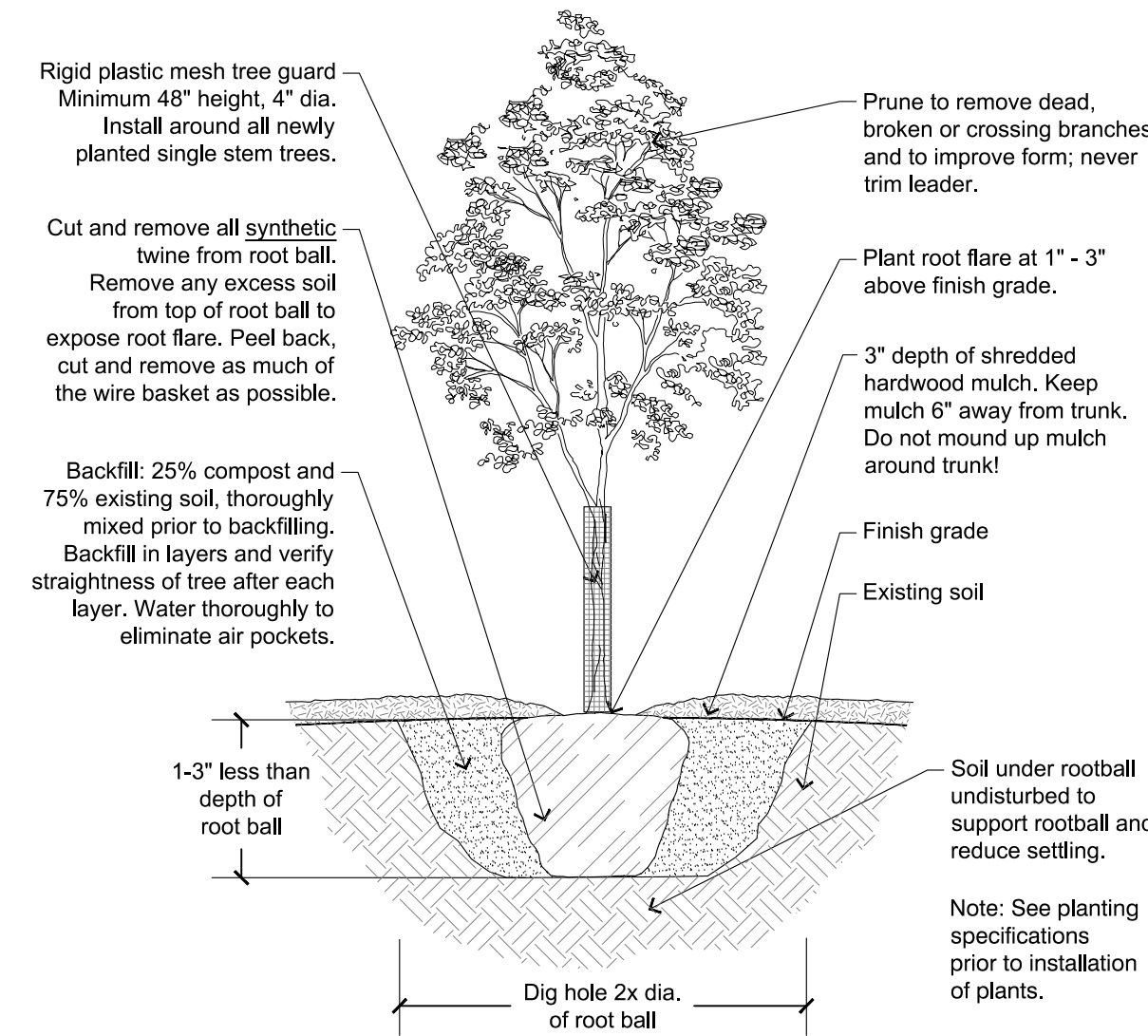
L2.00

HK\DWGS\2025\25-1071.00 EATING DISORDER\LA\AUTOCAD\25-1071.00 LP01 - MAIN CAMPUS.DWG

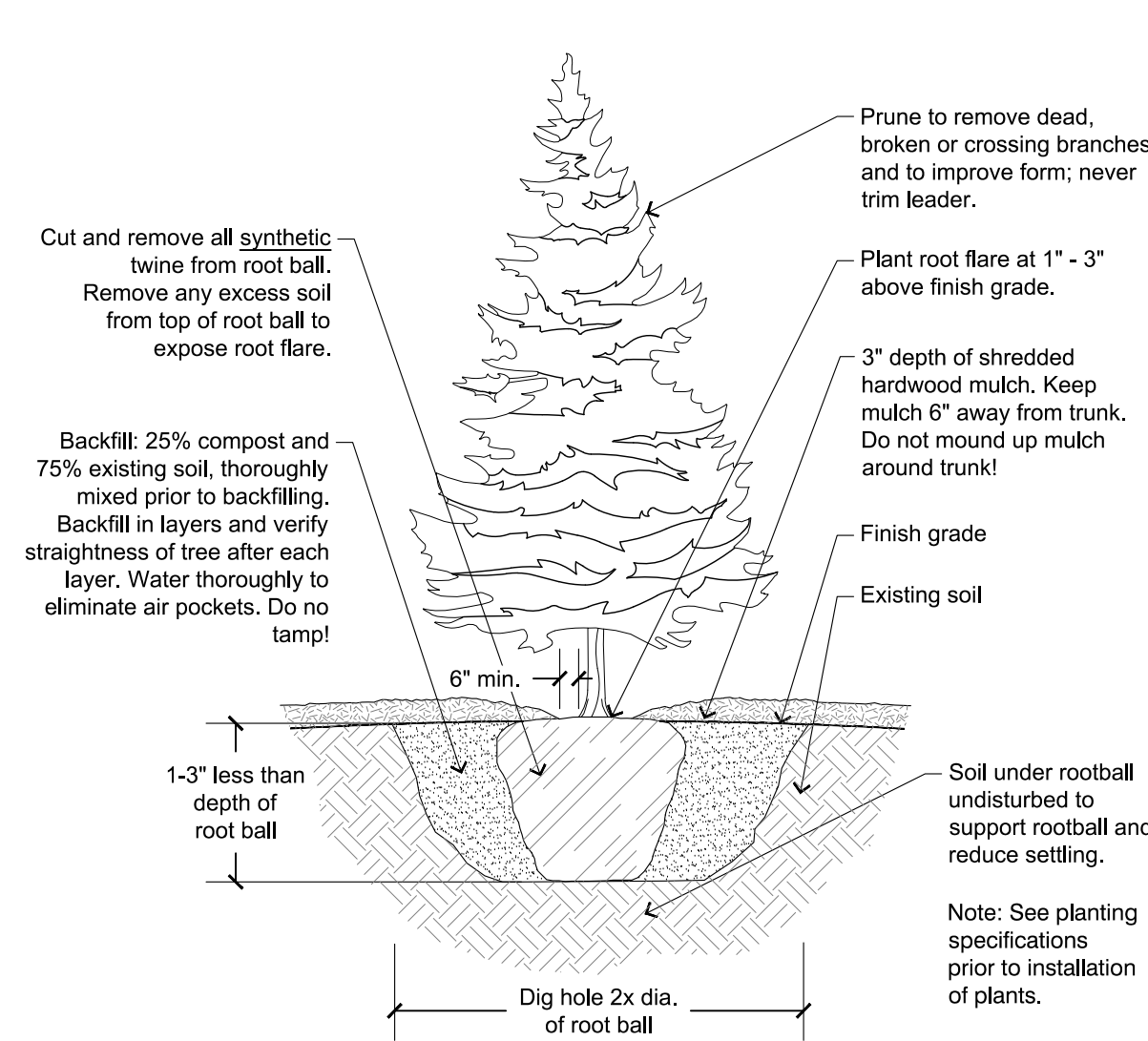


IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.

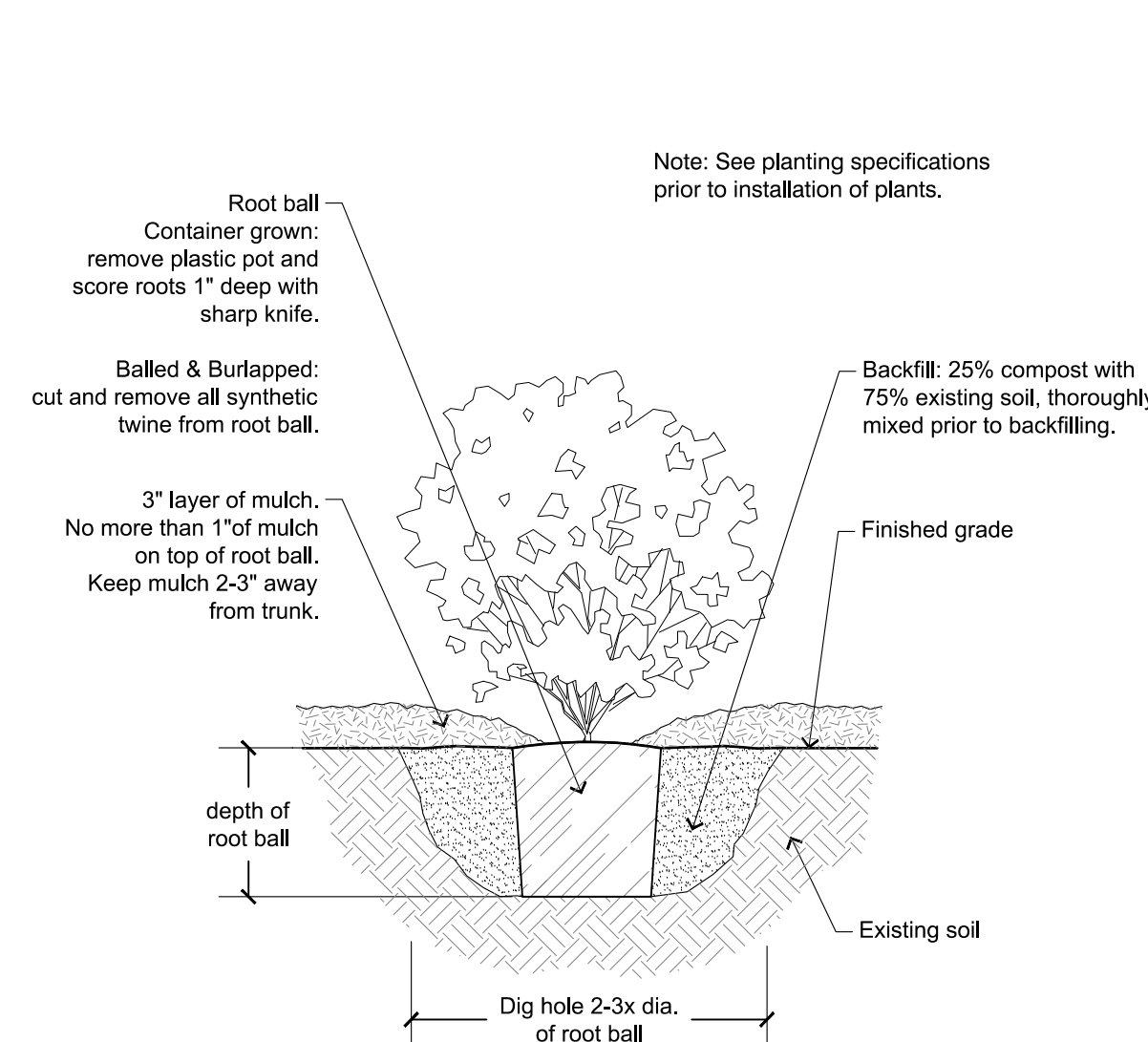
LANDSCAPE DETAILS



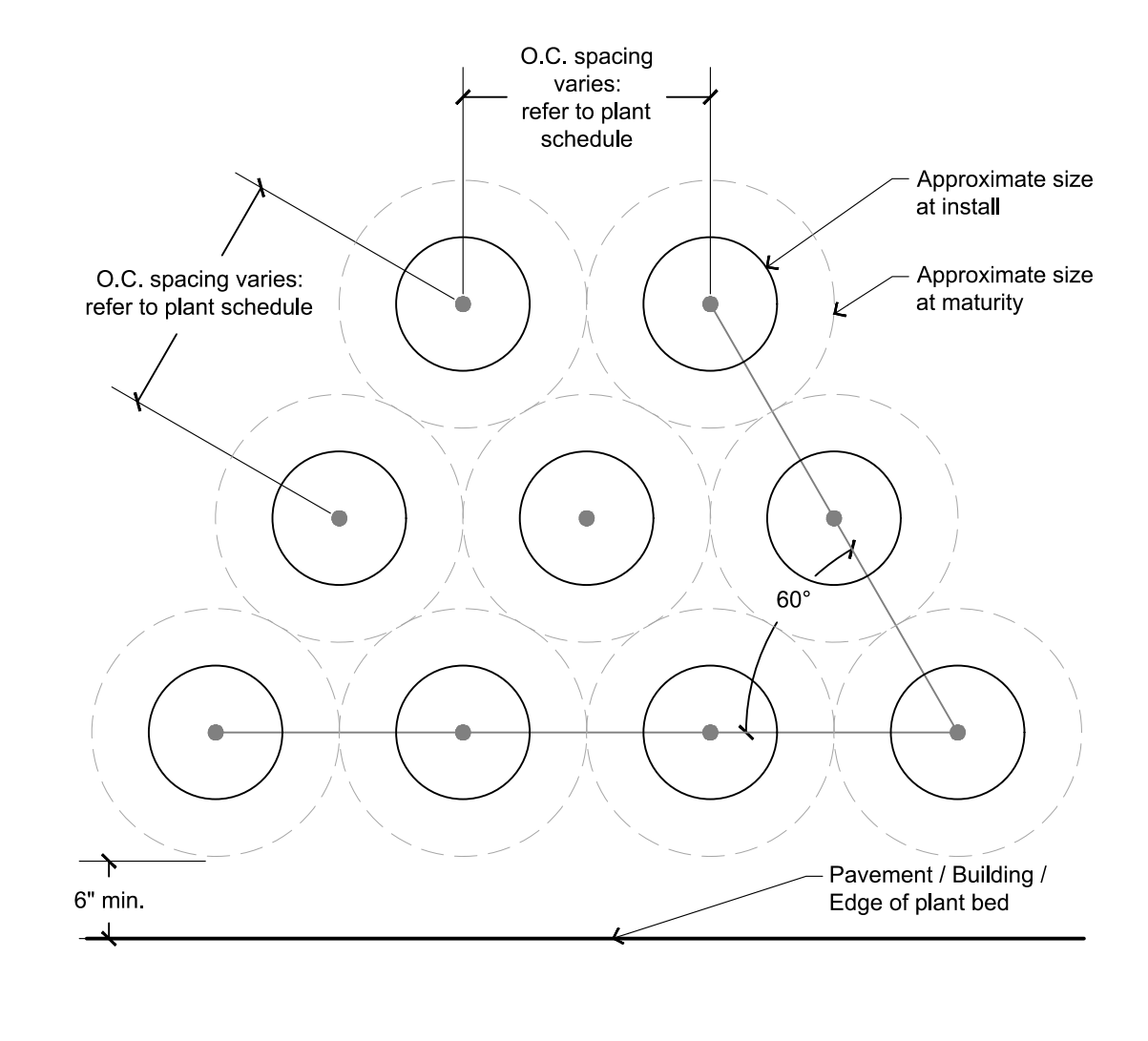
1 TREE PLANTING WITH WILDLIFE PROTECTION
NOT TO SCALE



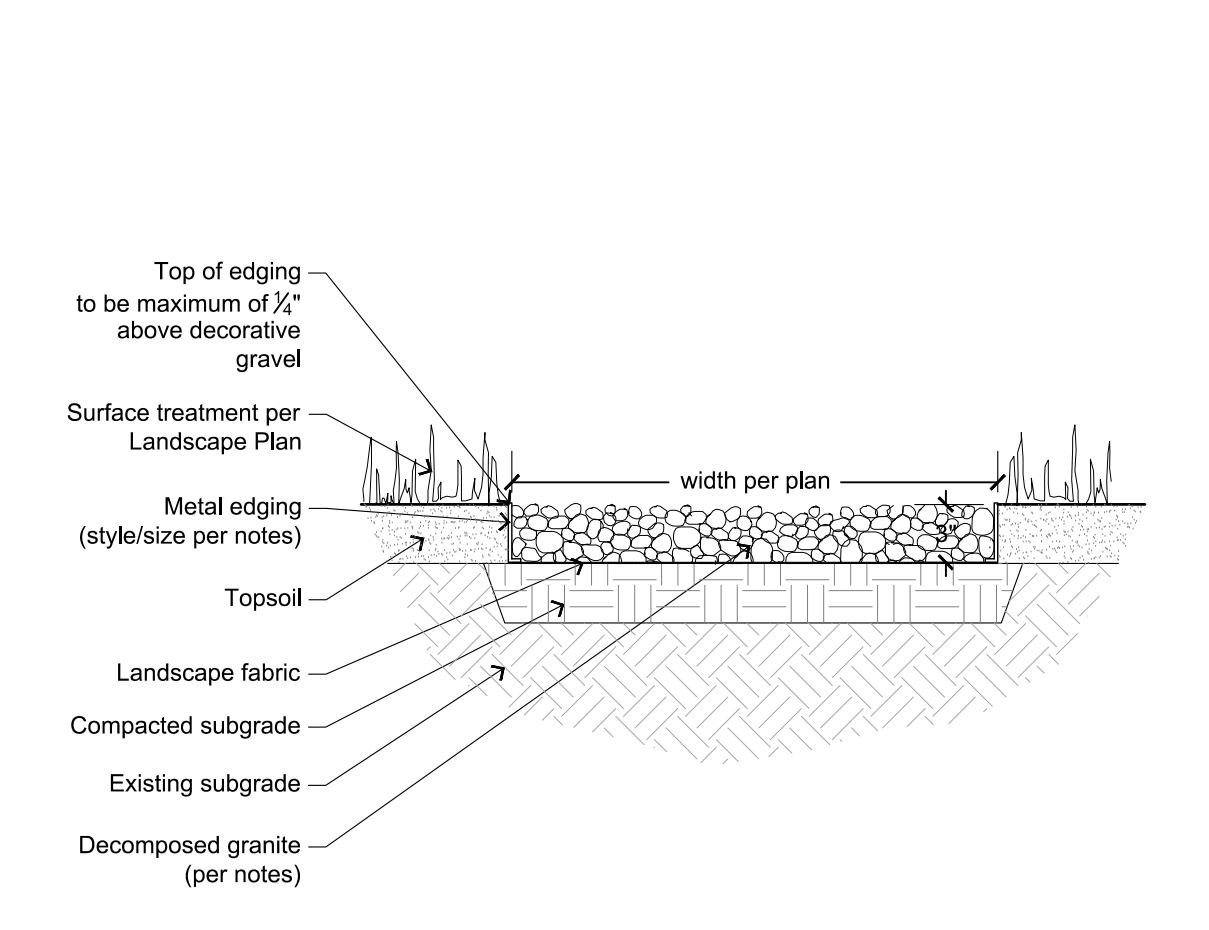
2 EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE



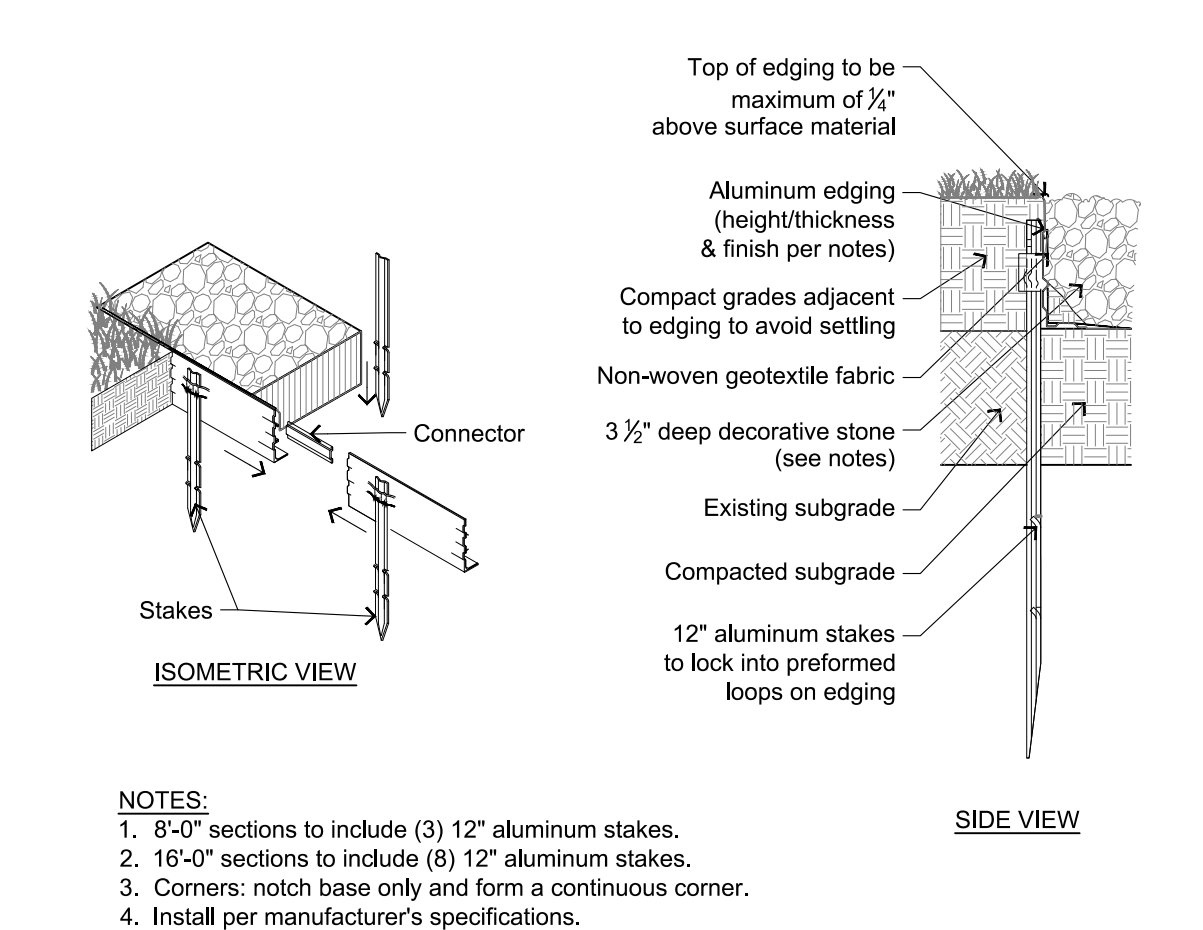
3 SHRUB PLANTING DETAIL
NOT TO SCALE



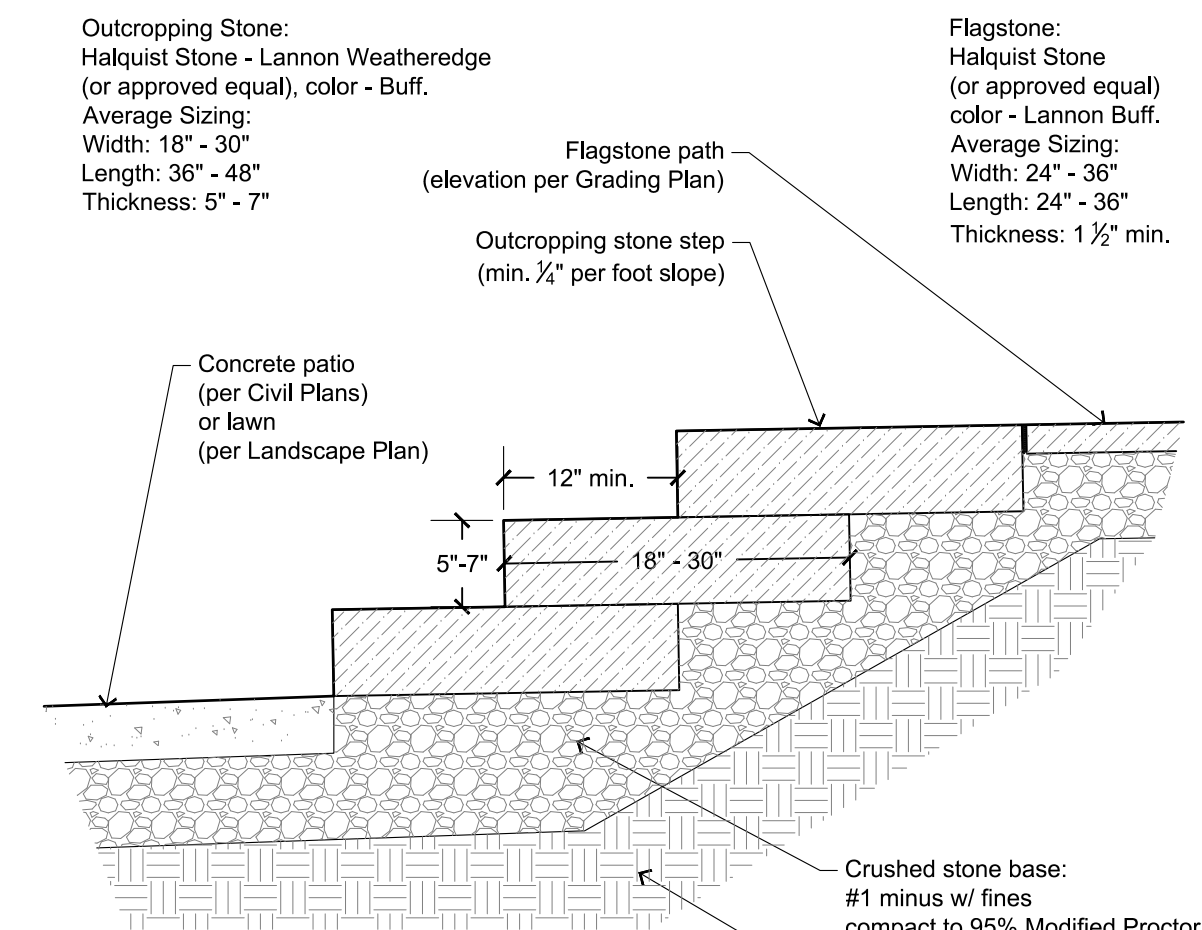
4 TRIANGULAR PLANT SPACING DETAIL
NOT TO SCALE



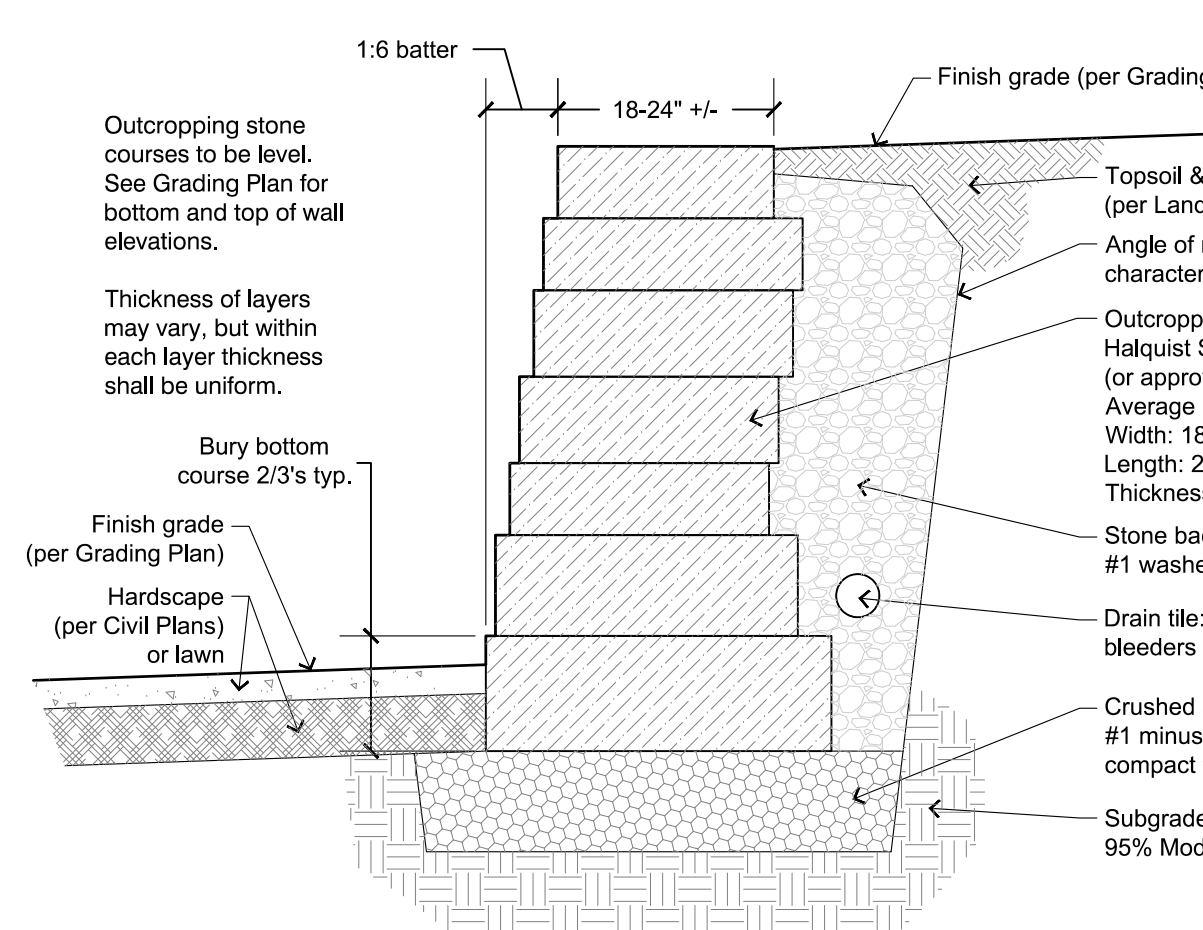
5 DECOMPOSED GRANITE UNDER PERGOLA
NOT TO SCALE



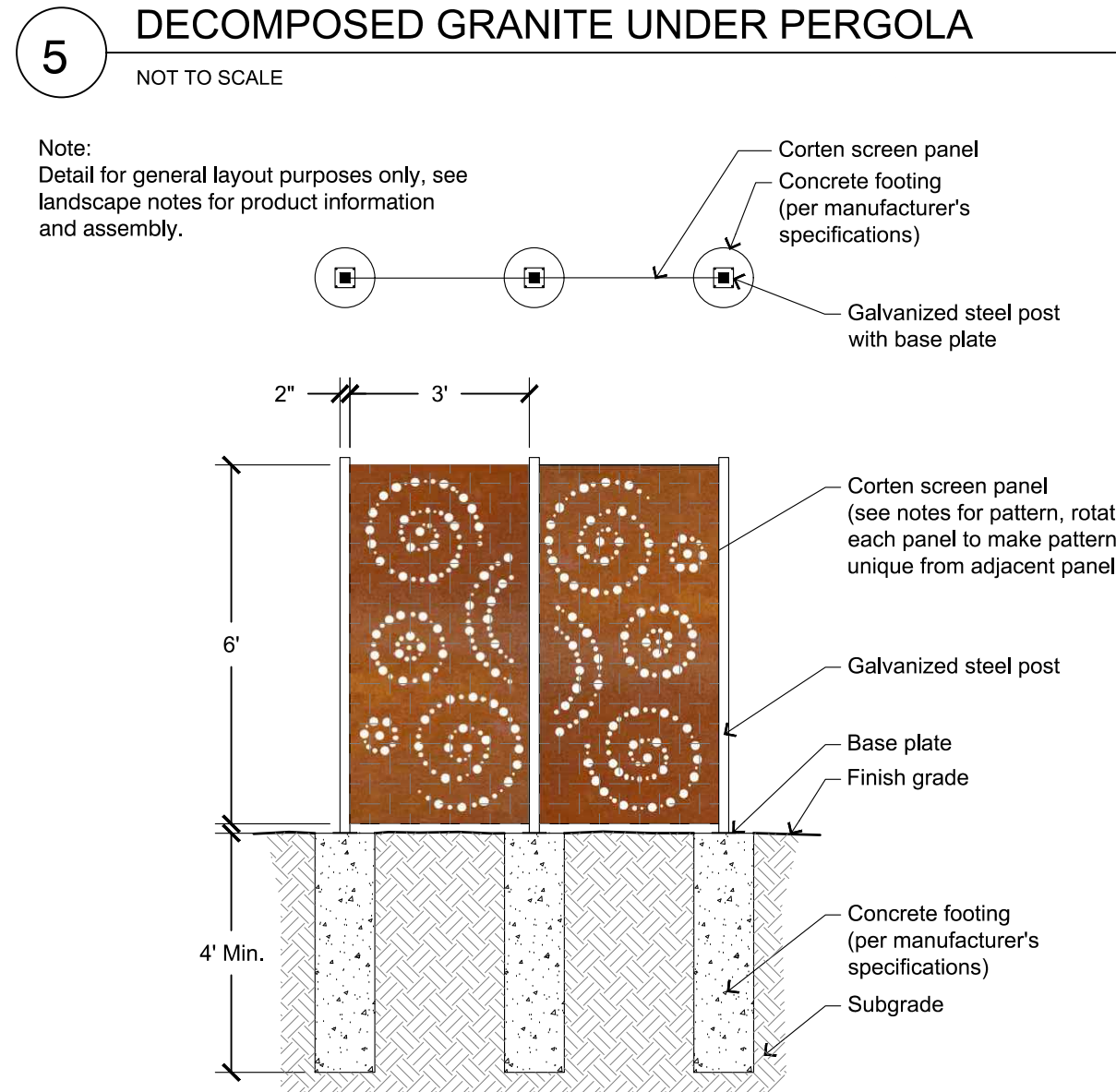
6 ALUMINUM EDGING
NOT TO SCALE



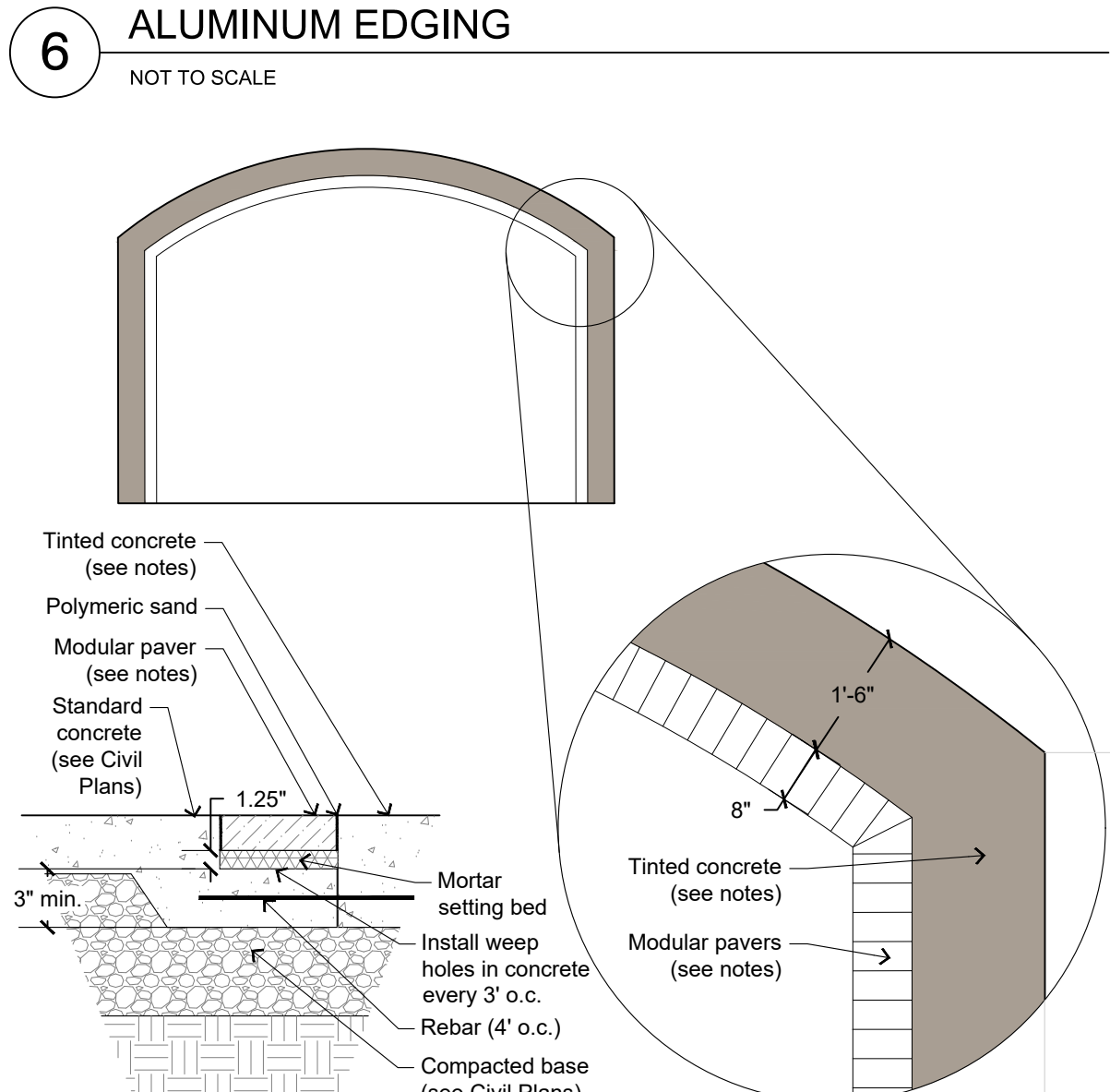
7 STONE STEPS AND PATH DETAIL
NOT TO SCALE



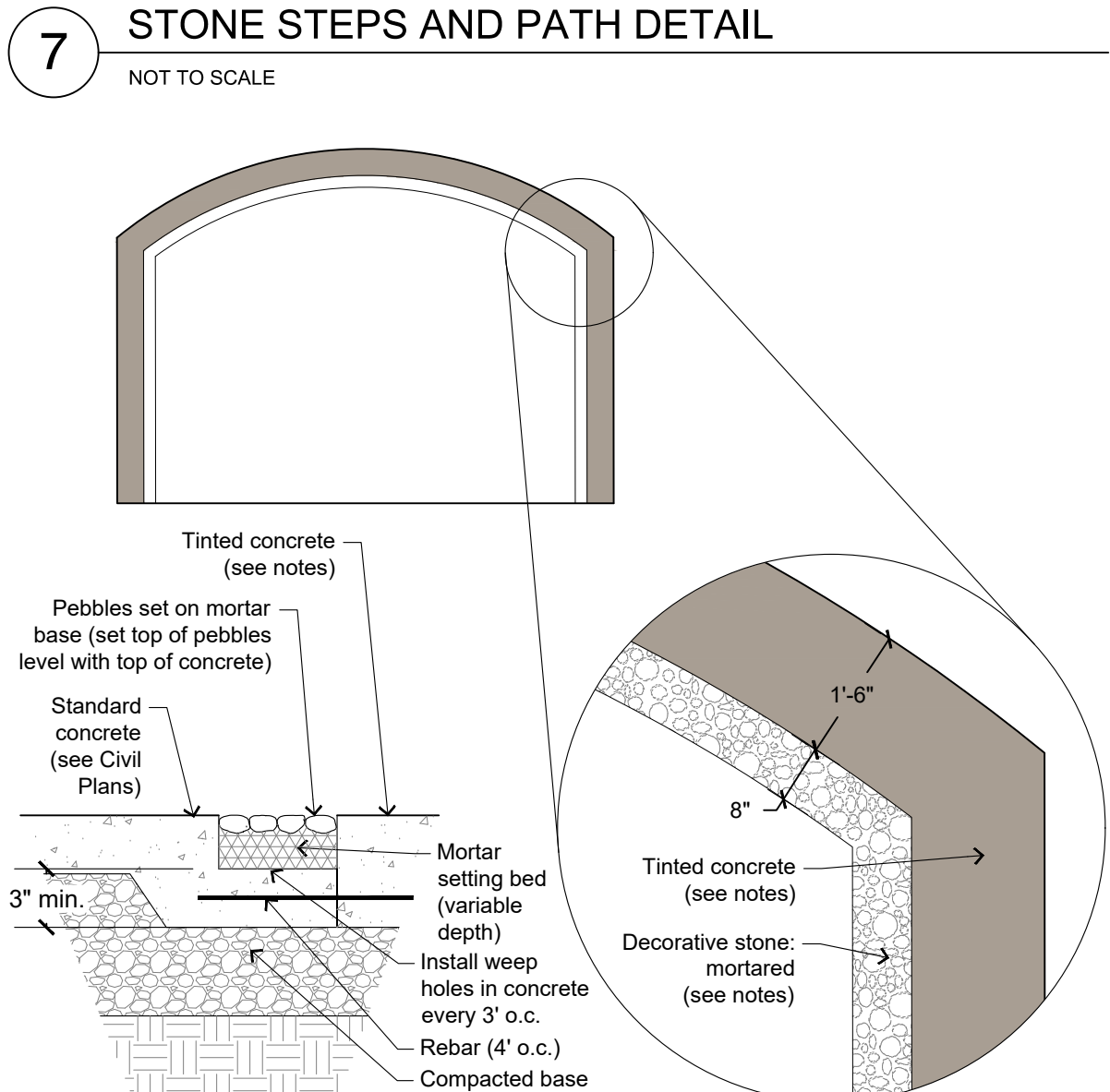
8 OUTCROPPING STONE WALL DETAIL
NOT TO SCALE



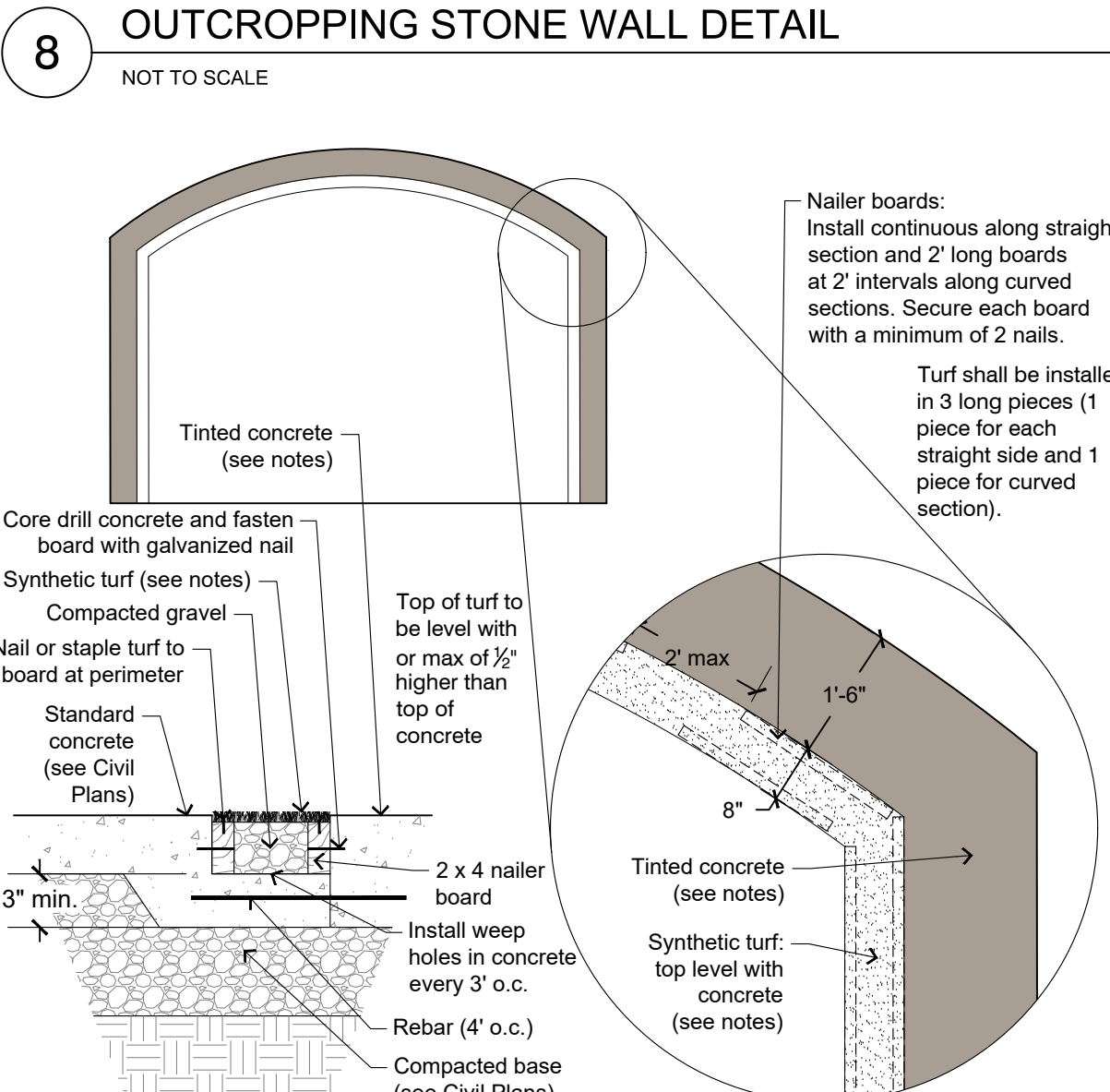
9 PRIVACY SCREEN
NOT TO SCALE



10 PATIO INLAY - BASE BID
NOT TO SCALE

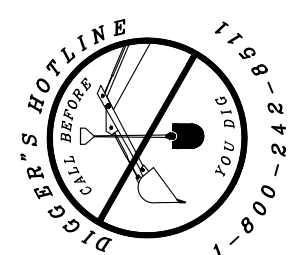


11 PATIO INLAY - ALTERNATE BID 1
NOT TO SCALE



12 PATIO INLAY - ALTERNATE BID 2
NOT TO SCALE

IN ACCORDANCE WITH WISCONSIN STATUTE 180.07(1), DAMAGE TO TRANSPORTATION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED PERSONNEL OF THE STATE OF WISCONSIN PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, THE EXCAVATOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND ARRANGEMENTS OF THIS NATURE RELATIVE TO EXCAVATOR'S WORK.



HARWOOD
255 N 21st Street Milwaukee, WI 53233
414-475-5554
LANDSCAPE ARCHITECT

4100 N. Calhoun Rd
Suite 300
Brookfield, WI 53005
Phone: (262) 790-1480
Fax: (262) 790-1481

PROJECT:
EDC TREATMENT FACILITY
ROGERS BEHAVIORAL HEALTH
34700 VALLEY ROAD
VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY	
DATE	DESCRIPTION

DATE:
JULY 23, 2025

JOB NUMBER:
25-1071.00

DESCRIPTION:
LANDSCAPE
DETAILS

SHEET

L2.01

H:\DWGS\2025\25-1071.00 ROGERS BEHAVIOR HEALTH - MAIN CAMPUS 24-BED EATING DISORDER\LA\AUTOCAD\25-1071.00 LP01 - MAIN CAMPUS.DWG



July 22, 2025

Kathryn Sullivan
Moore Construction Services
414-477-3662
kathryn@moore-cs.com

Rogers Behavioral Health – Main Campus RTU Screening

Kathryn,

We are pleased to provide the following HVAC proposal for your consideration.

HVAC Scope:

- 1. RTU screening from CityScapes to enclose RTU-1, ERV-1, and RTU-2
- 2. Vertical rib siding with top cove trim
- 3. Installation labor

HVAC Exclusions:

- 1. Premium time.
- 2. Performance bond.
- 3. Winter conditions.
- 4. Roofing.

HVAC Price:

Dollars\$40,962

I feel you will find our HVAC proposal complete and accurate with the project description. If you have any questions or if I can be of further assistance, please feel free to contact me at 262-955-3448.

Sincerely,
Lee Mechanical

Bob Popp
Project Executive



4100 N. Calhoun Rd
Suite 300
Brookfield, WI 53005
Phone: (262) 790-1480
Fax: (262) 790-1481

PROJECT:
24-BED ADULT EDC CBRF
ROGERS BEHAVIORAL HEALTH
34700 VALLEY ROAD
VILLAGE OF SUMMIT, WISCONSIN

REVISION HISTORY

DATE	DESCRIPTION
04/16/25	PC SUBMITTAL
06/02/25	PROGRESS SET
06/08/25	PC SUBMITTAL
06/23/25	VILLAGE COMMENTS

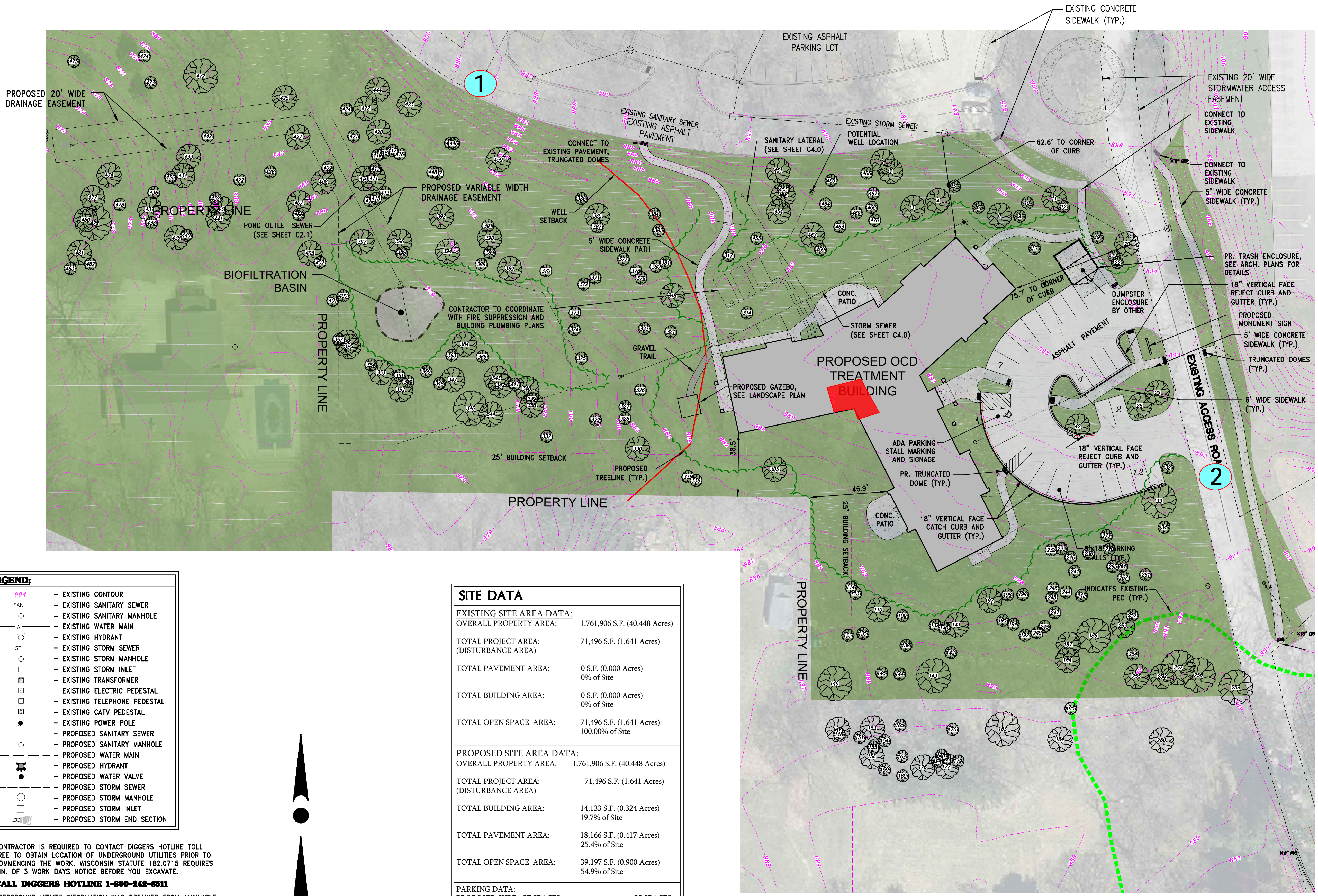
DATE:
MAY 23, 2025

JOB NUMBER:
781-07005-14

DESCRIPTION:
PROPOSED SITE PLAN

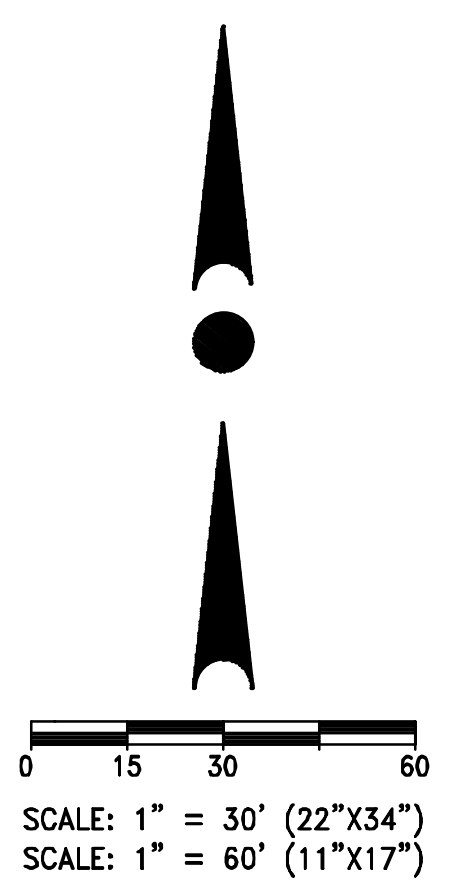
SHEET

C1.2



LEGEND:

90.4	EXISTING CONTOUR
SAN	EXISTING SANITARY SEWER
○	EXISTING SANITARY MANHOLE
W	EXISTING WATER MAIN
○	EXISTING HYDRANT
ST	EXISTING STORM SEWER
○	EXISTING STORM MANHOLE
□	EXISTING STORM INLET
□	EXISTING TRANSFORMER
□	EXISTING ELECTRIC PEDESTAL
□	EXISTING TELEPHONE PEDESTAL
□	EXISTING CATV PEDESTAL
●	EXISTING POWER POLE
○	PROPOSED SANITARY SEWER
○	PROPOSED SANITARY MANHOLE
---	PROPOSED WATER MAIN
●	PROPOSED HYDRANT
●	PROPOSED WATER VALVE
---	PROPOSED STORM SEWER
○	PROPOSED STORM MANHOLE
□	PROPOSED STORM INLET
---	PROPOSED STORM END SECTION

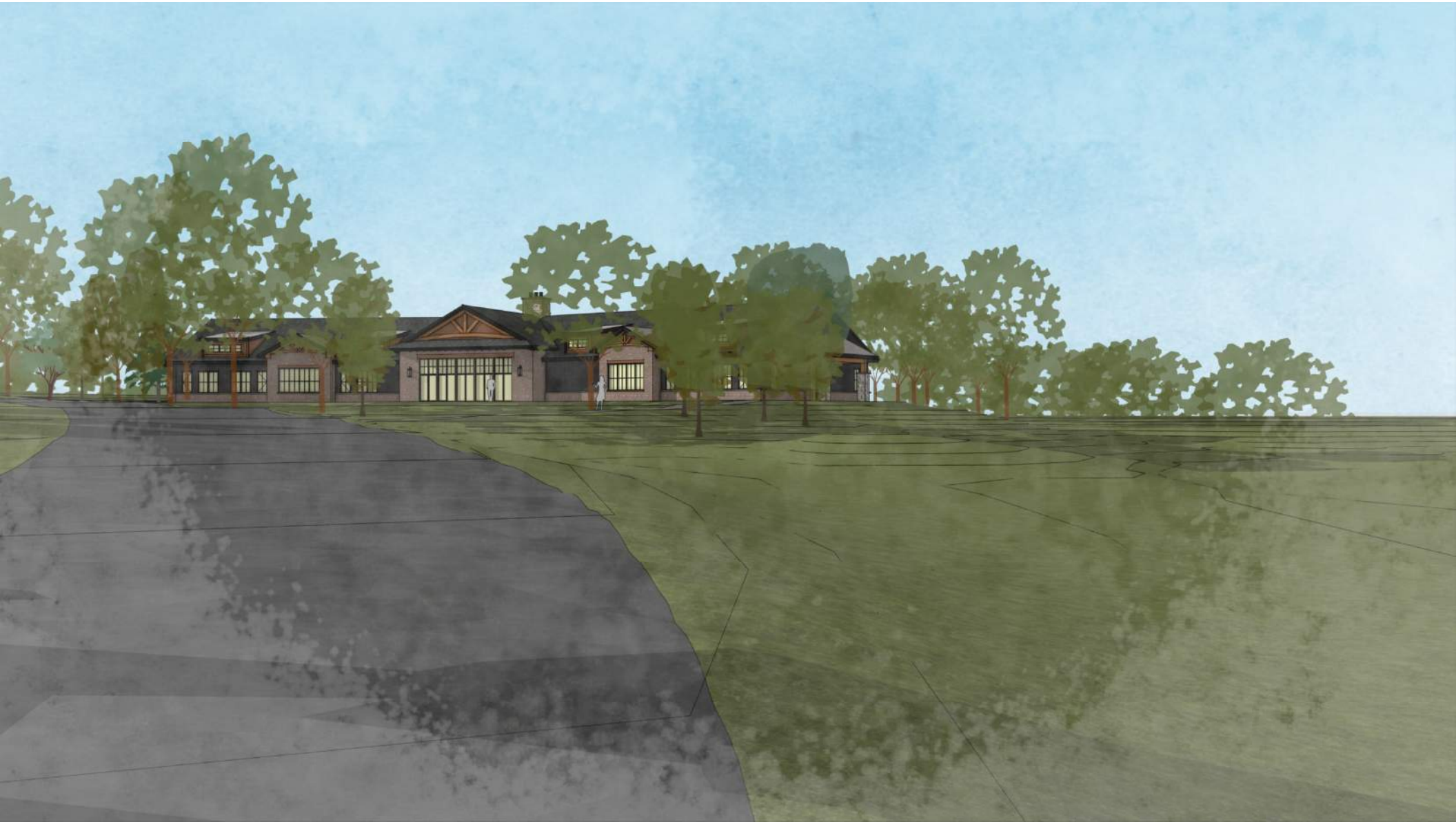


SITE DATA

EXISTING SITE AREA DATA:	
OVERALL PROPERTY AREA:	1,761,906 S.F. (40.448 Acres)
TOTAL PROJECT AREA: (DISTURBANCE AREA)	71,496 S.F. (1.641 Acres)
TOTAL PAVEMENT AREA:	0 S.F. (0.000 Acres) 0% of Site
TOTAL BUILDING AREA:	0 S.F. (0.000 Acres) 0% of Site
TOTAL OPEN SPACE AREA:	71,496 S.F. (1.641 Acres) 100.00% of Site
PROPOSED SITE AREA DATA:	
OVERALL PROPERTY AREA:	1,761,906 S.F. (40.448 Acres)
TOTAL PROJECT AREA: (DISTURBANCE AREA)	71,496 S.F. (1.641 Acres)
TOTAL BUILDING AREA:	14,133 S.F. (0.324 Acres) 19.7% of Site
TOTAL PAVEMENT AREA:	18,166 S.F. (0.417 Acres) 25.4% of Site
TOTAL OPEN SPACE AREA:	39,197 S.F. (0.900 Acres) 54.9% of Site
PARKING DATA:	
PROPOSED SURFACE SPACES:	25 SPACES
PROPOSED SURFACE ADA SPACES:	1 SPACE

H:\AC700\781\07005-02\CONSTRUCTION PLANS\2024 EDC CENTER\CIVIL PLANS-RBH_2025-02-07.DWG

1



2



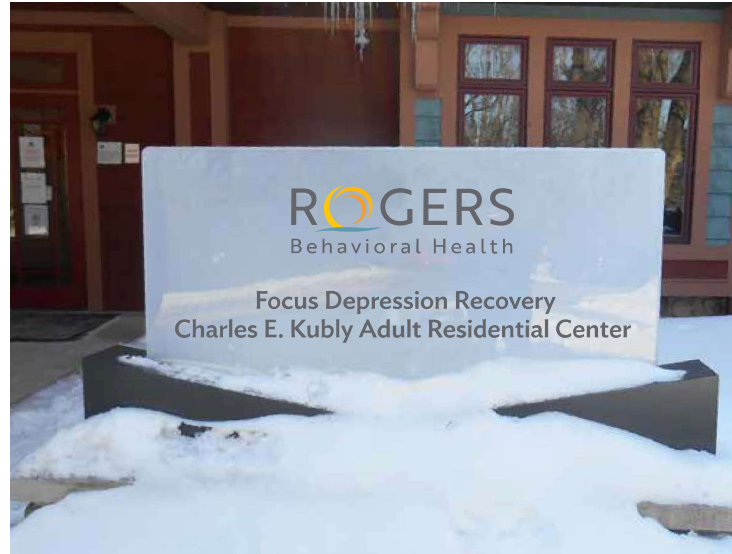
Building Identification Sign Retrofit - Sign #9

One (1) Existing Building Identification Sign to be Retrofit
Illuminated / Single Sided / Approximate Size: 7' x 3'

Note: Field Survey of Face Size Need.



Existing Sign



Proposed New Sign



Survey Photos



4085 North 128th Street
Brookfield, WI 53005
p. 262-781-1500
www.LembergElectric.com

Client: Rogers - Oconomowoc - Main Hospital

Sales Representative: John Wachniak

Scale: NTS

Client / Location or Project / Sign Classification / Version# or Sheet / Revision# / Drawing Status Date:
Rogers_Oco(MH)_SUR(S_9)_v01_r02_PD 4-13-19

Location: 34700 Valley Road

Project Manager: Tina Lewis

Paper Size: 11x17

City: Oconomowoc, WI 53066

Designer: Eric Bailey

Signature / Date:

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Building Identification Sign Retrofit - Sign #12

One (1) Existing Building Identification Sign to be Retrofit
 Illuminated / Single Sided / Approximate Size: 7' x 3'
 Entire Sign to be Removed From Site (Masonry Base Remains) /
 Ship to Shop for Retrofit

(A) New Acrylic Edge Lit Panels

Existing acrylic panels to be removed and replaced with new, 1" thick acrylic panels with lettering and logo engraved into panel 1/8" deep. Face of clear acrylic panel is painted with matte clear coat.

(B) Engraving / Flat Cut Acrylic Letters

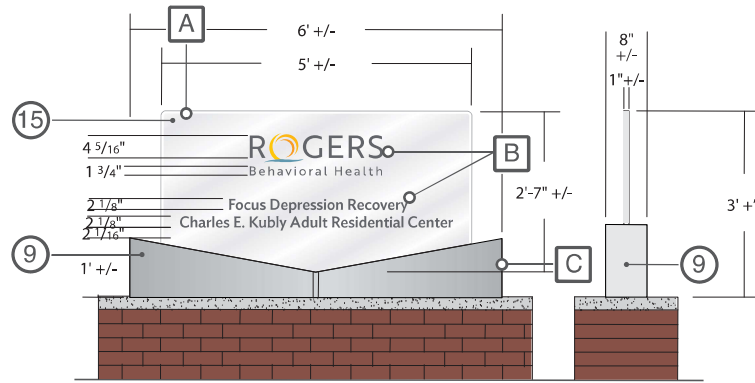
Matching Flat Cut 1/16" Acrylic Letters & Logo Inset into engraving of 1" thick acrylic panel and bonded in place, paint flat cut acrylic to match logo vinyl colors.

(C) Base

Existing base to be painted MP Brushed Aluminum.

(O) LED Retrofit Option

Replace Existing LEDS, with new HanleyLED.



Building Identification Sign - Sign #9

Logo Color Details



Colors for Flat Cut Letters - Shown Separate for Clarity

Colors

- (3) Paint to Match: 3M Dark Gray (220-41)
- (9) MP Brushed Aluminum(41342SP)
- (11) Paint to Match, Oracal Pastel Blue (8500-527), Translucent Film
- (12) Paint to Match, 3M Golden Yellow (3630-125), Translucent Film
- (13) Paint to Match, 3M Poppy Orange (3630-144), Translucent Film
- (14) Paint to Match, 3M Kumquat Orange (3630-74), Translucent Film
- (15) Matte Clear Coat (Painted on 1" Clear Acrylic Panel)



4085 North 128th Street
 Brookfield, WI 53005
 p. 262-781-1500
 www.LembergElectric.com

Client: Rogers - Oconomowoc - Main Hospital

Sales Representative: John Wachniak

Scale: 1-1/2"=1'

Client / Location or Project / Sign Classification / Version# or Sheet / Revision# / Drawing Status Date:
 Rogers_Oco(MH)_BID(S_9)_v01_r03_PD 4-13-19

Location: 34700 Valley Road

Project Manager: Tina Lewis

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City: Oconomowoc, WI 53066

Designer: Eric Bailey

Signature / Date: