

URBAN DESIGN COMMISSION APPLICATION

UDC

City of Madison
 Planning Division
 Madison Municipal Building, Suite 017
 215 Martin Luther King, Jr. Blvd.
 P.O. Box 2985
 Madison, WI 53701-2985
 (608) 266-4635



FOR OFFICE USE ONLY:

Date Received _____ Initial Submittal
 Paid _____ Revised Submittal

Complete all sections of this application, including the desired meeting date and the action requested. If your project requires both UDC and Land Use application submittals, a completed Land Use Application and accompanying submittal materials are also required to be submitted.

If you need an interpreter, translator, materials in alternate formats or other accommodations to access these forms, please call the Planning Division at (608) 266-4635.

Si necesita interprete, traductor, materiales en diferentes formatos, u otro tipo de ayuda para acceder a estos formularios, por favor llame al (608) 266-4635.

Yog tias koj xav tau ib tug neeg bhais lus, tus neeg bhais ntawv, los sis xav tau cov ntaub ntawv ua lwm hom ntawv los sis lwm cov kev pab kom paub txog cov lus qhia no, thov hu rau Koog Npaj (Planning Division) (608) 266-4635.

1. Project Information

Address (list all addresses on the project site): MADISON, WI, 53716
4621 DUTCH MILL ROAD & ELLESTAD 4701
 Title: 4621 LLC, 4701 LLC (KELBE BROTHERS EQUIP) DR.

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

UDC meeting date requested _____

- New development Alteration to an existing or previously-approved development
 Informational Initial Approval Final Approval

3. Project Type

- Project in an Urban Design District
 Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
 Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
 Planned Development (PD)
 General Development Plan (GDP)
 Specific Implementation Plan (SIP)
 Planned Multi-Use Site or Residential Building Complex

Signage

- Comprehensive Design Review (CDR)
 Modifications of Height, Area, and Setback
 Sign Exceptions as noted in Sec. 31.043(3), MGO

Other

- Please specify _____

4. Applicant, Agent, and Property Owner Information

Applicant name JEFFREY MILLER Company KELBE BROTHERS EQUIP
 Street address 12770 W. SILVER SPRING DR. City/State/Zip BUTLER WI 53007
 Telephone 262.781.4970 Email JMILLER@KELBEBROS.COM
 Project contact person DAVE PHILLIPS Company BAYLAND BUILDINGS INC
 Street address P.O. BOX 13571 City/State/Zip GREEN BAY, WI. 54307
 Telephone 262.308.2580 Email DPHILLIPS@BAYLANDBUILDINGS.COM
 Property owner (if not applicant) 4621 LLC AND 4701 LLC
 Street address 12770 W. SILVER SPRING DR City/State/Zip BUTLER, WI. 53007
 Telephone 262.781.4970 Email JMILLER@KELBEBROS.COM

Introduction

The City of Madison's Urban Design Commission (UDC) has been created to:

- Encourage and promote high quality in the design of new buildings, developments, remodeling, and additions so as to maintain and improve the established standards of property values within the City.
- Foster civic pride in the beauty and nobler assets of the City, and in all other ways possible assure a functionally efficient and visually attractive City in the future.

Types of Approvals

There are three types of requests considered by the UDC:

- **Informational Presentation.** A request for an Informational Presentation to the UDC may be requested prior to seeking any approvals to obtain early feedback and direction before undertaking detailed design efforts. Applicants should provide details on the context of the site, design concept, site and building plans, and other relevant information to help the UDC understand the proposal and provide feedback. (Does not apply to CDR's or Signage Modification requests)
- **Initial Approval.** Applicants may, at their discretion, request Initial Approval of a proposal by presenting preliminary design information. As part of their review, the Commission will provide feedback on the design information that should be addressed at Final Approval stage.
- **Final Approval.** Applicants may request Final Approval of a proposal by presenting all final project details. Recommendations or concerns expressed by the UDC in the Initial Approval must be addressed at this time.

Presentations to the Commission

The Urban Design Commission meets virtually via Zoom, typically on the second and fourth Wednesdays of each month at 4:30 p.m. Applicant presentations are strongly encouraged, although not required. Prior to the meeting, each individual speaker is required to complete an online registration form to speak at the meeting. A link to complete the online registration will be provided by staff prior to the meeting. Please note that individual presentations will be limited to a **maximum of three (3) minutes**. The pooling of time may be utilized to provide one speaker more time to present, however the additional time will be based on the number of registrants from the applicant team, i.e. two (2) applicant registrants = six (6) minutes for one (1) speaker.

Primarily, the UDC is interested in the appearance and design quality of projects. Emphasis should be given to the site plan, landscape plan, lighting plan, building elevations, exterior building materials, color scheme, and graphics. Please note that presentation slides, in a PDF file format, are required to be submitted **the Friday before** the UDC meeting.

URBAN DESIGN DEVELOPMENT PLANS CHECKLIST

UDC

The items listed below are minimum application requirements for the type of approval indicated. Please note that the UDC and/or staff may require additional information in order to have a complete understanding of the project.

1. Informational Presentation

- Locator Map
- Letter of Intent (If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- Site Plan
- Two-dimensional (2D) images of proposed buildings or structures.

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

Requirements for All Plan Sheets

1. Title block
2. Sheet number
3. North arrow
4. Scale, both written and graphic
5. Date
6. Fully dimensioned plans, scaled at 1" = 40' or larger

**** All plans must be legible, including the full-sized landscape and lighting plans (if required)**

2. Initial Approval

- Locator Map
- Letter of Intent (If the project is within a Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- Contextual site information, including photographs and layout of adjacent buildings/structures
- Site Plan showing location of existing and proposed buildings, walks, drives, bike lanes, bike parking, and existing trees over 18" diameter
- Landscape Plan and Plant List (*must be legible*)
- Building Elevations in **both** black & white and color for all building sides, including material and color callouts
- PD text and Letter of Intent (if applicable)

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

3. Final Approval

All the requirements of the Initial Approval (see above), **plus**:

- Grading Plan
- Lighting Plan, including fixture cut sheets and photometrics plan (must be legible)
- Utility/HVAC equipment location and screening details (with a rooftop plan if roof-mounted)
- Site Plan showing site amenities, fencing, trash, bike parking, etc. (if applicable)
- PD text and Letter of Intent (if applicable)
- Samples of the exterior building materials
- Proposed sign areas and types (if applicable)

4. Signage Approval (*Comprehensive Design Review (CDR), Sign Modifications, and Sign Exceptions (per Sec. 31.043(3))*)

- Locator Map
- Letter of Intent (a summary of how the proposed signage is consistent with the CDR or Signage Modifications criteria is required)
- Contextual site information, including photographs of existing signage both on site and within proximity to the project site
- Site Plan showing the location of existing signage and proposed signage, dimensioned signage setbacks, sidewalks, driveways, and right-of-ways
- Proposed signage graphics (fully dimensioned, scaled drawings, including materials and colors, and night view)
- Perspective renderings (emphasis on pedestrian/automobile scale viewsheds)
- Illustration of the proposed signage that meets Ch. 31, MGO compared to what is being requested
- Graphic of the proposed signage as it relates to what the Ch. 31, MGO would permit

5. Required Submittal Materials

Application Form

- A completed application form is required for each UDC appearance. For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (Initial or Final Approval) from the UDC.

Letter of Intent

- If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required.
- For signage applications, a summary of how the proposed signage is consistent with the applicable Comprehensive Design Review (CDR) or Signage Modification review criteria is required.

Development Plans (Refer to checklist on Page 4 for plan details)

Filing Fee (Refer to Section 7 (below) for a list of application fees by request type)

Electronic Submittal

- Complete electronic submittals must be received prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. All plans must be legible and scalable when reduced. Individual PDF files of each item submitted should be submitted via email to UDCapplications@cityofmadison.com. The email must include the project address, project name, and applicant name.
- Email Size Limits. Note that an individual email cannot exceed 20MB and it is the responsibility of the applicant to present files in a manner that can be accepted. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.

Notification to the District Alder

- Please provide an email to the District Alder notifying them that you are filing this UDC application. Please send this as early in the process as possible and provide a copy of that email with the submitted application.

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with JESSICA VAUGHN on 10-24-23.
2. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of applicant JEFFREY MILLER - 4621 LLC Relationship to property OWNER

Authorizing signature of property owner [Signature] Date 12-24-23

7. Application Filing Fees

Fee payments are due by the submittal date. Payments received after the submittal deadline may result in the submittal being scheduled for the next application review cycle. Fees may be paid in-person, via US Mail, or City drop box. If mailed, please mail to: *City of Madison Building Inspection, P.O. Box 2984, Madison, WI 53701-2984*. The City's drop box is located outside the Municipal Building at 215 Martin Luther King, Jr. Blvd. on the E Doty Street side of the building. Please make checks payable to *City Treasurer*, and include a completed application form or cover letter indicating the project location and applicant information with all checks mailed or submitted via the City's drop box.

Please consult the schedule below for the appropriate fee for your request:

- Urban Design Districts: \$350 (per §33.24(6) MGO).
- Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : \$150 (per §33.24(6)(b) MGO)
- Comprehensive Design Review: \$500 (per §31.041(3)(d)(1)(a) MGO)
- Minor Alteration to a Comprehensive Sign Plan: \$100 (per §31.041(3)(d)(1)(c) MGO)
- All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for Sign Modifications (of height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)

A filing fee is not required for the following project applications if part of the combined application process involving both Urban Design Commission and Plan Commission:

- Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
- Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
- Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Residential Building Complex

February 22, 2024

Letter of Intent

To: City of Madison UDC Commission

Project:
Equipment Repair Garage - Kelbe Brothers
4221 Dutch Mill Rd.
Madison, WI 53716

Project Description:

The proposed project involves an addition to an existing 6,000 sq. ft. building of 4,500 sq. ft. for additional repair stalls, revamping of parking, and equipment display area with modifications to the outside storage area per variance granted on 2-15-24. The removal of an existing home adjacent to at 4701 Ellestad Dr.

Project Schedule:

Construction will begin late summer 2024 and be completed by year end.

Urban District Commission Data:

Urban Design District #1

Exterior Design:

The building will be an all-steel frame building to accept interior crane. It will have brick veneer per plan mixed with steel ribbed metal siding and roof. Metal is used for the high insulation value vs block construction. Existing brick and block will be painted in dark and light gray colors to match new steel per plan.

Signage:

There will be no change to existing signage.

Mechanicals:

Any exterior units will be hidden behind fenced powder coat fencing with non-view slats - 6' tall.

Trash Enclosure:

There is no proposed trash enclosure. Any trash containers will be inside or in the fenced non view area.

Parking:

No additional required. Bike parking is now shown.

Use of Property:

No change to existing. Outside storage location is improved and mud areas will be hard surfaced.

Hours of Operation:

Will not change from existing.

Positives for Approval:

No change of use.

Better outside storage area. (Hidden behind fencing)

Better water on site control.

New landscaping.

Updating colors of building.

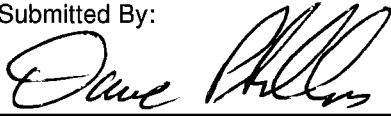
Roof steel to match existing.

Building first floor height will remain the same.

New exterior lighting to meet code.

The parking and outside equipment area is on the north side away from highway views.

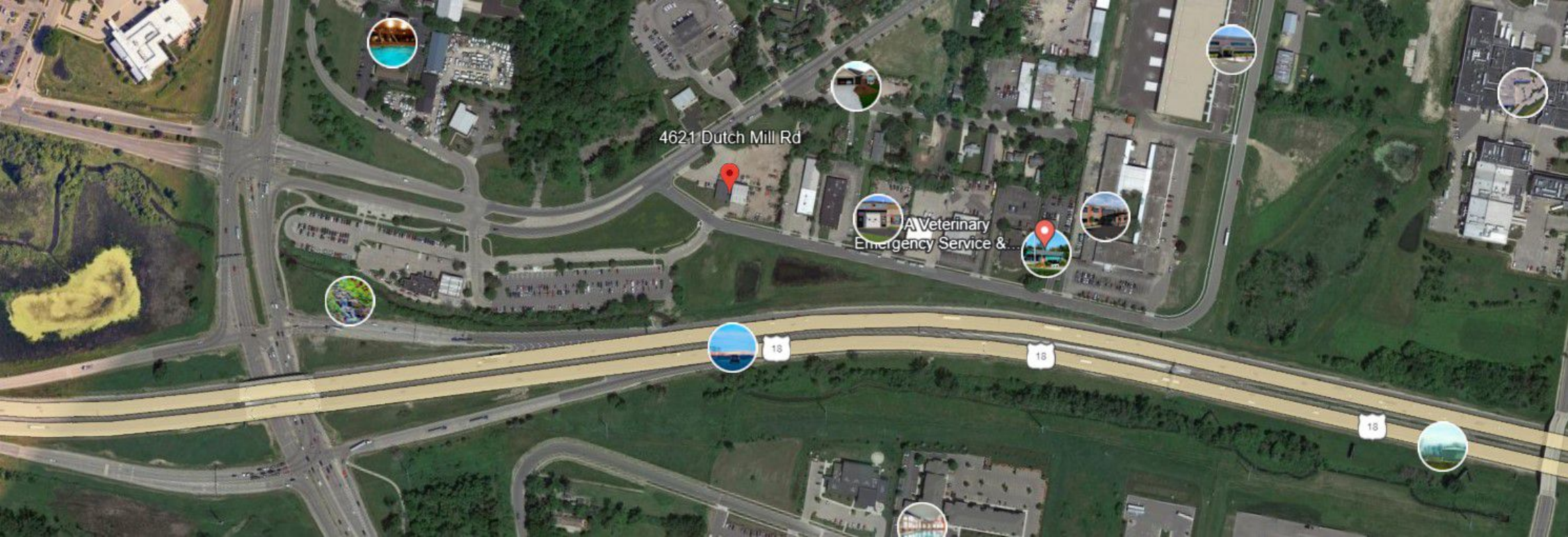
Submitted By:



2-22-24

Dave Phillips | Project Executive
Bayland Buildings, Inc.

Date



4621 Dutch Mill Rd

A Veterinary
Emergency Service &...

KELBE
BROTHERS
EQUIPMENT

4 6 2 1



ELBE
BROTHERS
EQUIPMENT







NO
PARKING
ANY TIME
←

UPY



KELBE
BROTHERS
EQUIPMENT

Link-Belt

KELBE
SALES-RENTALS
PARTS-SERVICE
408-231-8360

OBJECTS IN THE

4621 Dutch Mill Rd



Variance Here

North Elevation, View from Ellestad Dr

4621 Dutch Mill Rd



Variance Here

View from Northwest Corner, Dutch Mill Rd

4621 Dutch Mill Rd



Variance Here

North Elevation, from inside site

4621 Dutch Mill Rd



Variance Here

View from inside site

4621 Dutch Mill Rd



Variance Here

View from Dutch Mill Rd

4621 Dutch Mill Rd



Variance Here

West Elevation, View from Dutch Mill Rd

4621 Dutch Mill Rd



West Elevation

4621 Dutch Mill Rd



South Elevation – View from E Broadway St

4621 Dutch Mill Rd



South Elevation – View from E Broadway St

PROPOSED BUILDING FOR:

19-0754

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL.
ADJUST SCALE ACCORDINGLY

NOTICE OF COPYRIGHT
THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO
COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER
SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED
DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS
COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION
INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL
AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND
ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION
UNAUTHORIZED USE OF THESE PLANS, WORK OR BUILDING
REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF
CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY
COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 19-0754

PROJECT EXECUTIVE: DAVE PHILLIPS
(262) 308-2580

DRAWN BY: AJR/CRP/JRG

DATE: 12/13/23

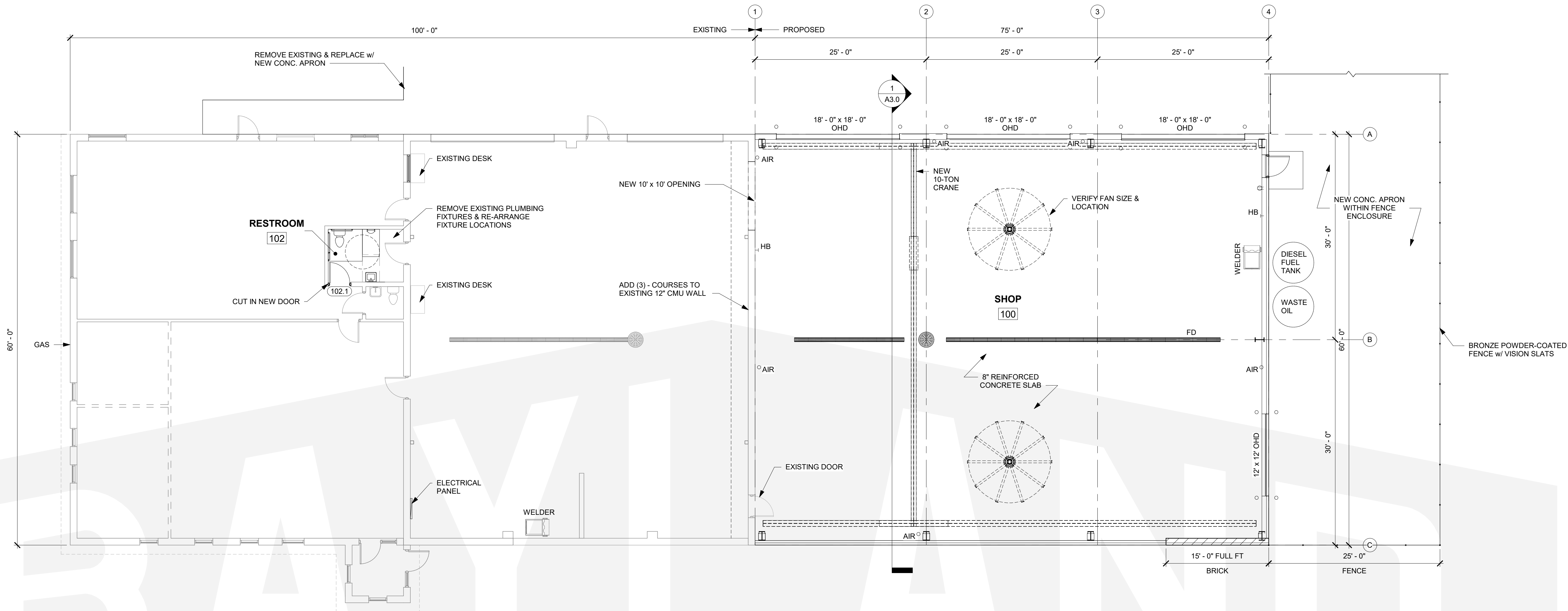
REVISIONS:

ISSUED FOR: CHECKED DATE:
BY:

- PRELIMINARY
- BID SET
- DESIGN REVIEW
- CHECKSET
- CONSTRUCTION

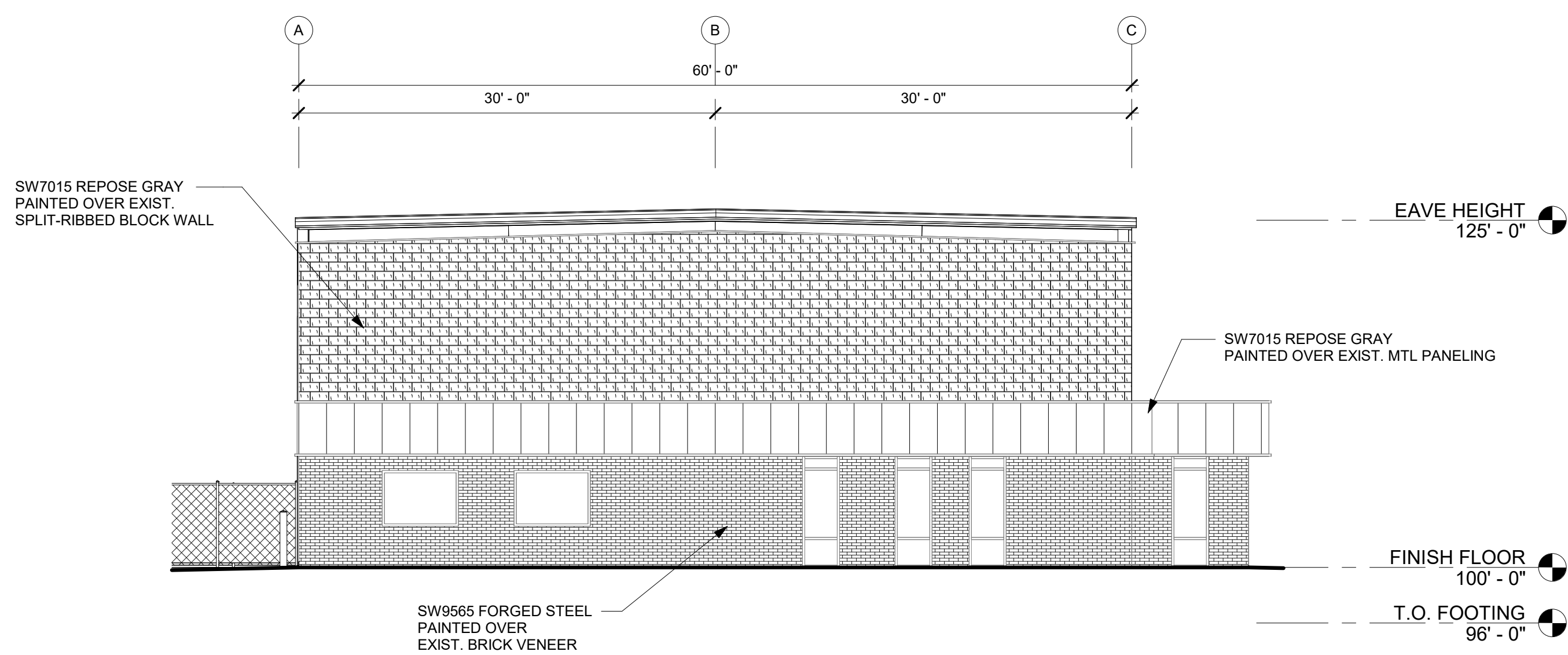
OVERALL FLOOR PLAN

A1.0

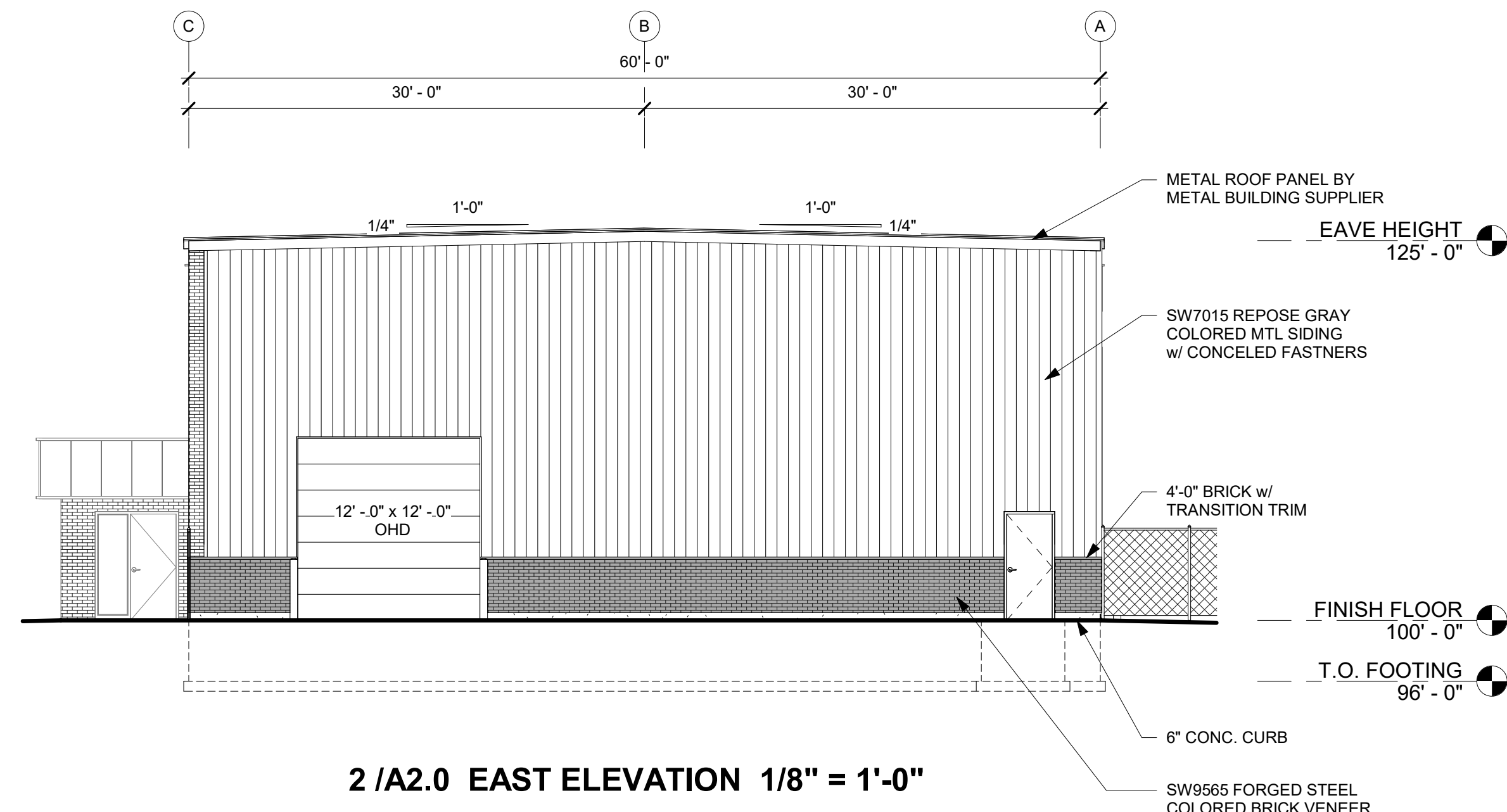


1/A1.0 PROPOSED FLOOR PLAN 1/8" = 1'-0" NORTH

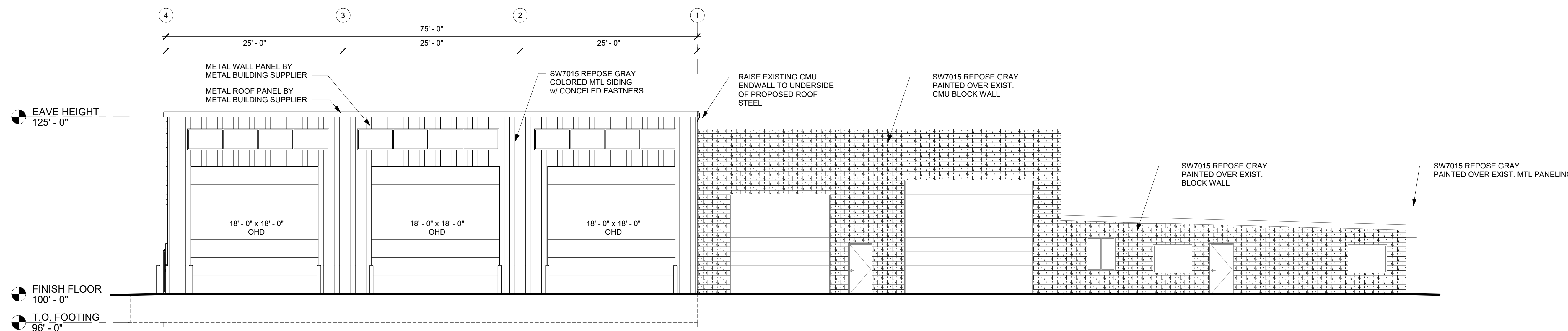




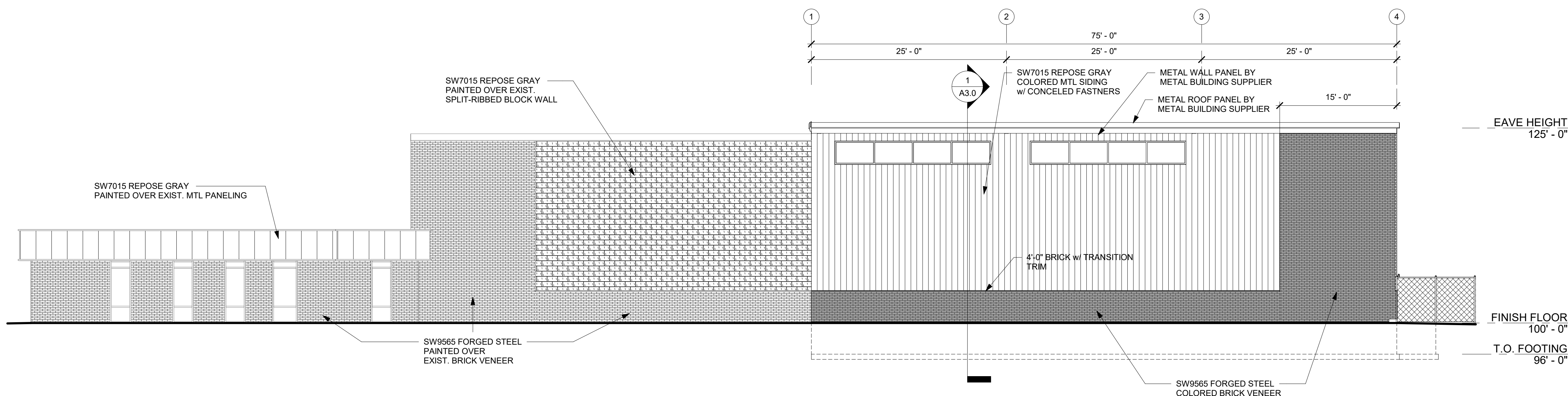
1 /A2.0 WEST ELEVATION 1/8" = 1'-0"



2 /A2.0 EAST ELEVATION 1/8" = 1'-0"



3 /A2.0 NORTH ELEVATION 1/8" = 1'-0"



4 /A2.0 SOUTH ELEVATION 1/8" = 1'-0"

PROPOSED BUILDING FOR:

19-0754

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL.
ADJUST SCALE ACCORDINGLY

NOTICE OF COPYRIGHT: THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION UNAUTHORIZED USE OF THESE PLANS, WORK OR BUILDING REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 19-0754

PROJECT EXECUTIVE: DAVE PHILLIPS
(262) 308-2580

DRAWN BY: AJR/CRP/JRG

DATE: 12/13/23

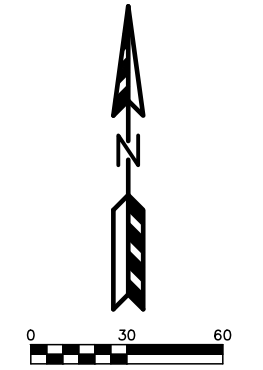
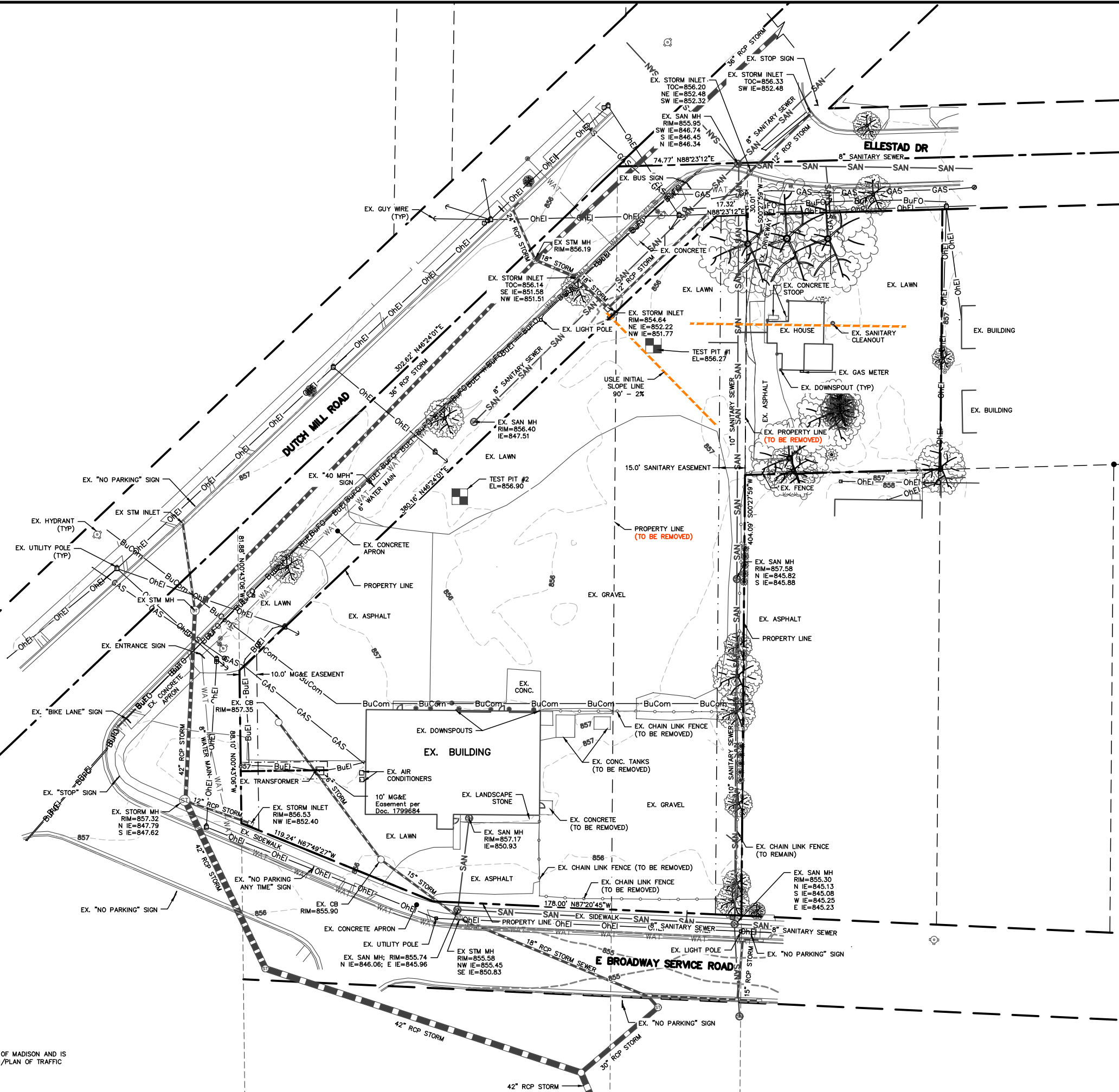
REVISIONS:

ISSUED FOR: CHECKED DATE: BY:

- PRELIMINARY
- BID SET
- DESIGN REVIEW
- CHECKSET
- CONSTRUCTION

EXTERIOR ELEVATIONS

A2.0

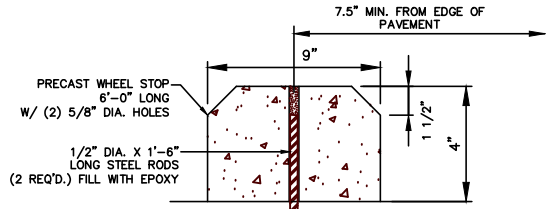
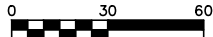


NOTE:
 THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS
 SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC
 ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

4621 DUTCH MILL ROAD
 EXISTING SITE AND REMOVALS PLAN
 SHEET: C-1
 DATED: NOVEMBER 30, 2023

QUAM ENGINEERING, LLC
 Residential and Commercial Site Design Consultants
www.quamengineering.com
 4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
 Phone (608) 838-7750; Fax (608) 838-7752

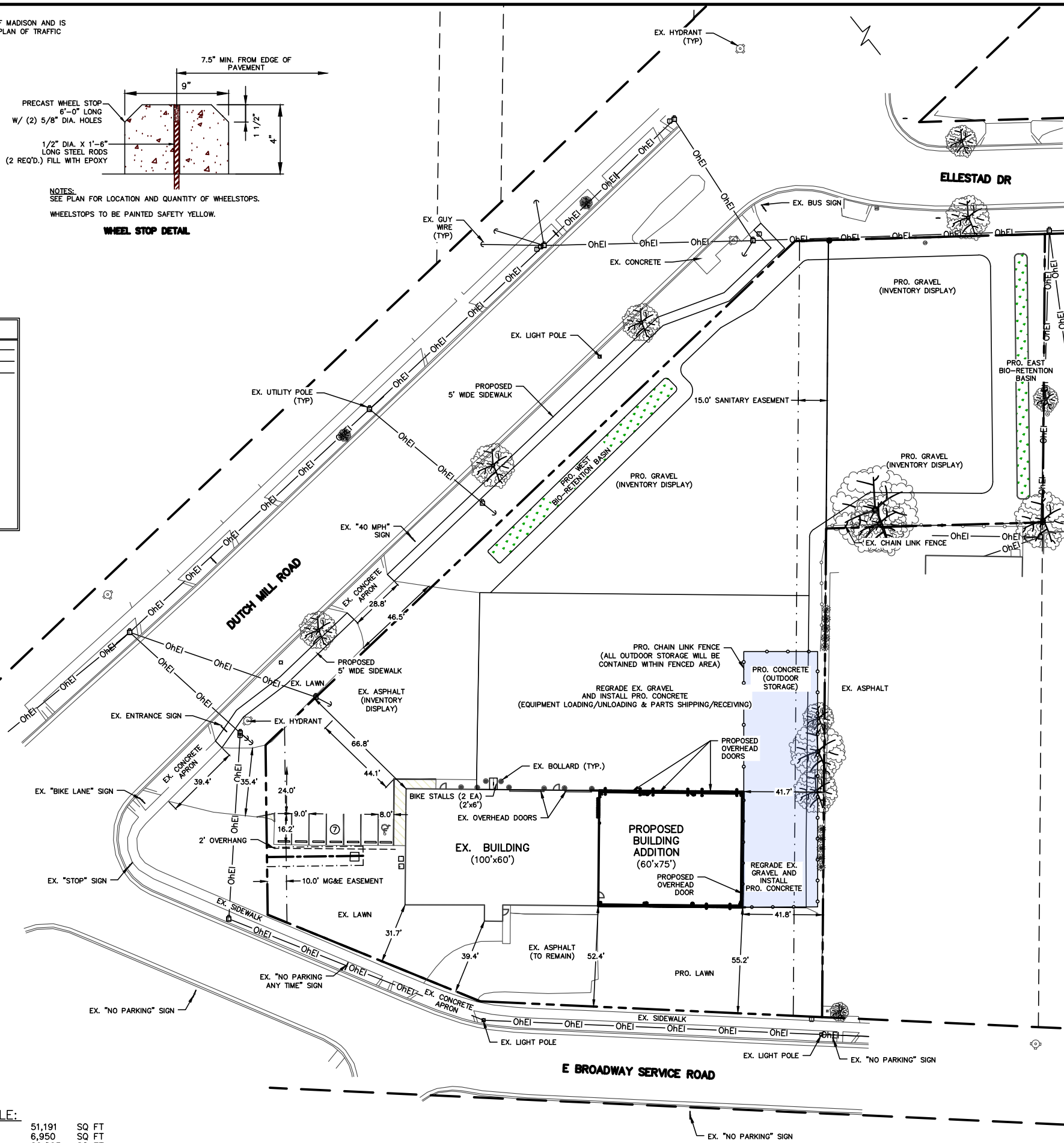
NOTE:
THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.



NOTES:
SEE PLAN FOR LOCATION AND QUANTITY OF WHEELSTOPS.
WHEELSTOPS TO BE PAINTED SAFETY YELLOW.

WHEEL STOP DETAIL

SITE PLAN INFORMATION BLOCK	
Owner Name	4621 LLC
Owner Address	12770 W SILVER SPRING DR BUTLER, WI 53007
Site Address	4621 DUTCH MILL ROAD
Site acreage (total)	2.158 ACRES
Use of Property	CONTRACTOR OFFICE AND WAREHOUSE
FLOOR AREA	10,615 S.F.
FLOOR AREA RATIO	N/A
GRAVEL/PAVED AREA	59,213 S.F.
IMPERVIOUS AREA	69,828 S.F.
IMPERVIOUS AREA RATIO	74.3%
BUILDING HEIGHT	EX BUILDING: 23'4", PRO: 12'
Number of Parking stalls:	
Standard	6
Accessible	1
Total	7
Number of trees shown: (See Landscape Plan)	



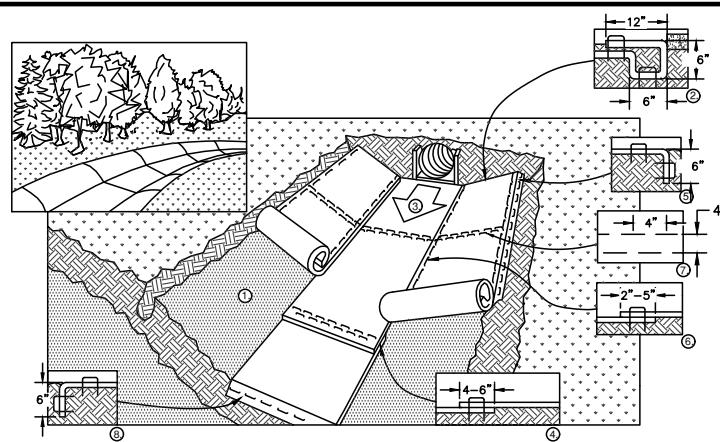
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
 TDD(FOR THE HEARING IMPAIRED)(800)542-2289
 WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

IMPERVIOUS AREA SUMMARY TABLE:

EXISTING IMPERVIOUS AREA AS OF 2001:	51,191	SQ FT
EXISTING IMPERVIOUS AREA ADDED SINCE 2001:	6,950	SQ FT
REDEVELOPED IMPERVIOUS AREA 2023:	26,863	SQ FT
IMPERVIOUS AREA TO BE MAINTAINED/RAISED 2023:	(33,813)	SQ FT
PRO. NEW IMPERVIOUS AREA 2023:	25,687	SQ FT
TOTAL IMPERVIOUS AREA AFTER 2023 DEVELOPMENT:	76,878	SQ FT

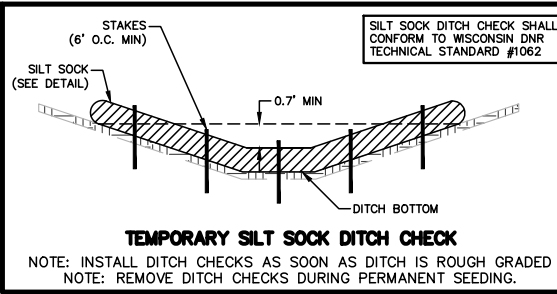
4621 DUTCH MILL ROAD
PROPOSED SITE PLAN
 SHEET: C-2
 DATED: NOVEMBER 30, 2023

QUAM ENGINEERING, LLC
 Residential and Commercial Site Design Consultants
 www.quamengineering.com
 4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
 Phone (608) 838-7750; Fax (608) 838-7752



- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
- BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
- PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
- FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPE MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 4" AND STAPLED.
- A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
- THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

NOTE: ALL STAPLES MUST BE 6" OR GREATER IN LENGTH
EROSION CONTROL MAT - CHANNEL INSTALLATION



EROSION CONTROL LEGEND

- INSTALL WISDOT CLASS I TYPE B EROSION MAT
- INSTALL TEMPORARY FLEXSTORM CATCH-IT INLET PROTECTION DURING CONSTRUCTION
- PROPOSED SILT FENCE/SOCK (SEE DETAIL)
- PROPOSED LIMITS OF DISTURBANCE (73,000 SF)
- UNIVERSAL SOIL LOSS SLOPE LINE

NOTE: THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

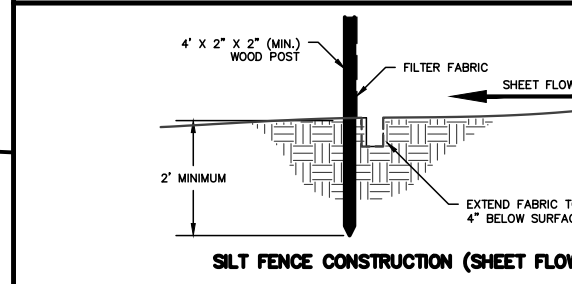
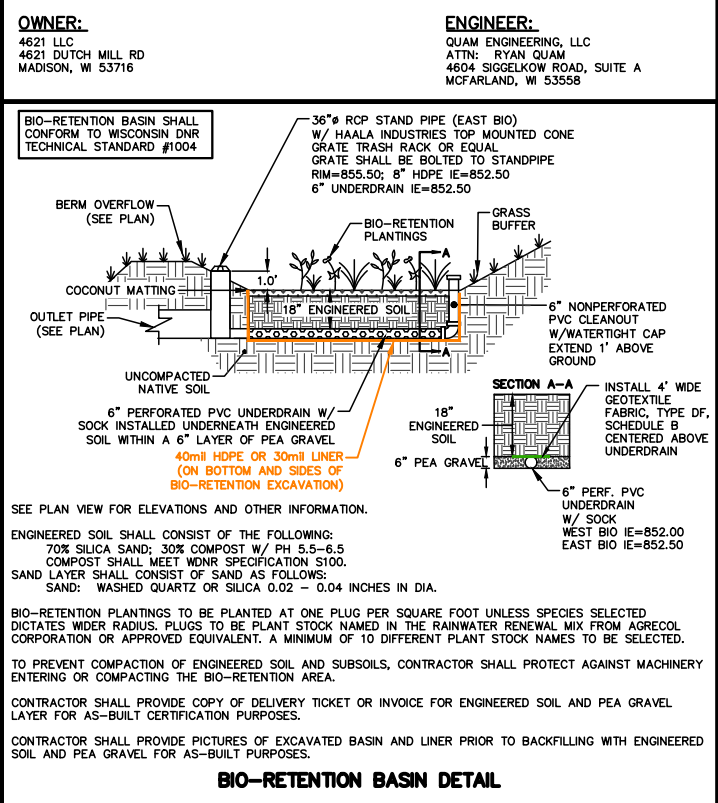
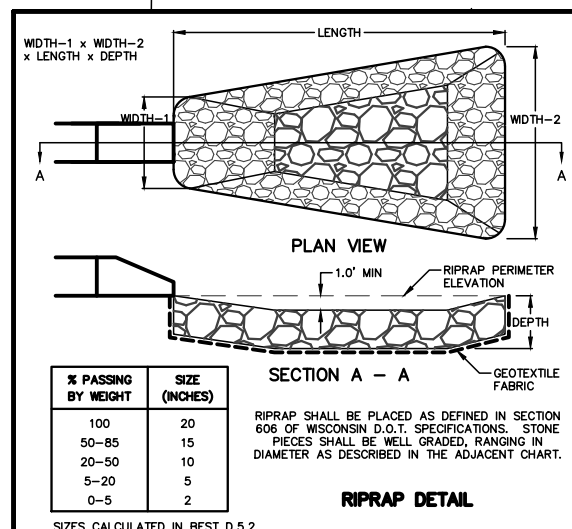
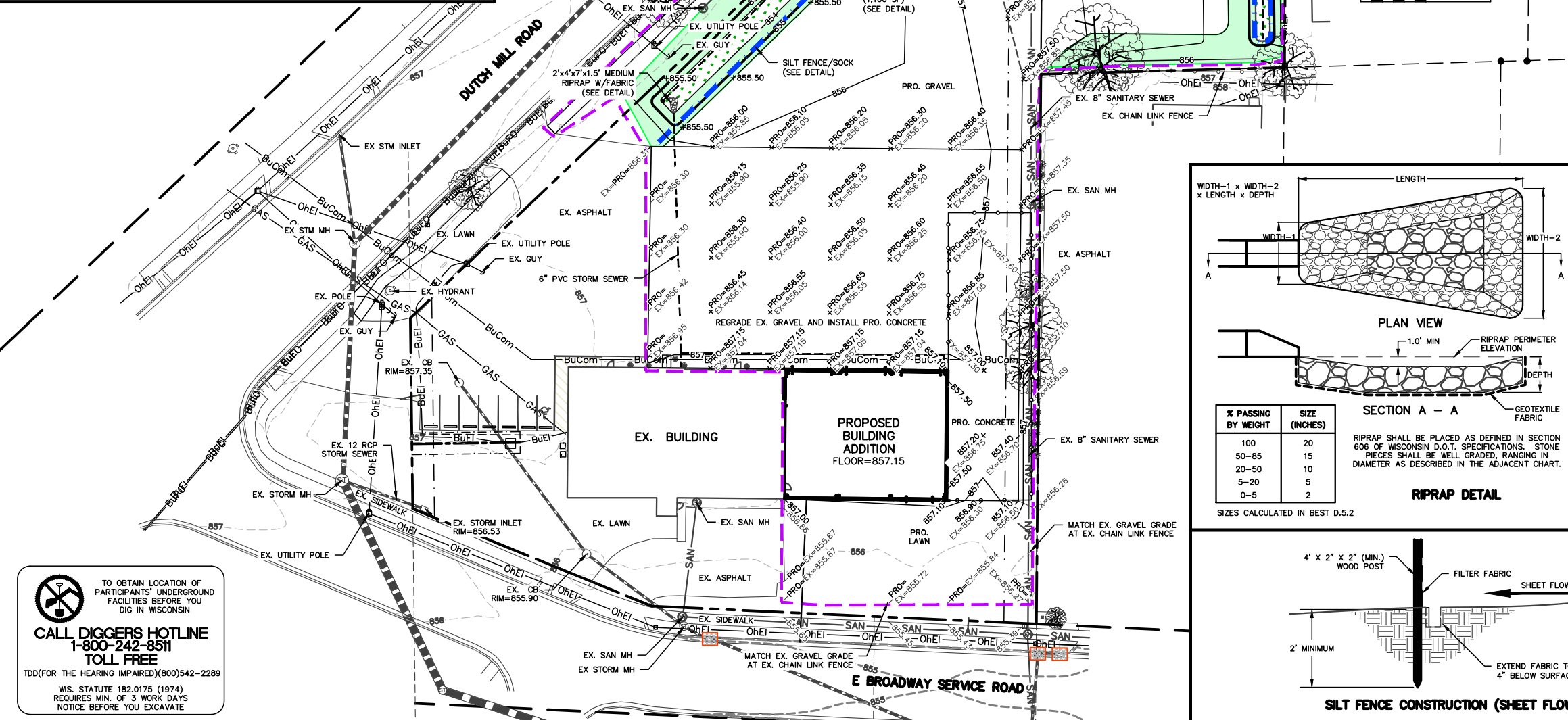
EROSION NOTES:
 THE EXISTING BASE SHALL BE MAINTAINED BY THE CONTRACTOR IN A CONDITION, WHICH WILL PREVENT THE TRACKING OF MUD OR DRY SEDIMENT ONTO THE PUBLIC STREET. SEDIMENT REACHING PUBLIC STREET SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORKDAY.
 EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO GRADING OPERATIONS AND SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS ESTABLISHED. ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF A 0.5 INCH RAIN EVENT. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
 CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1.
 ALL DISTURBED AREAS MUST BE TEMPORARILY STABILIZED WITHIN 14 DAYS OF LAST ACTIVITY. ALL DISTURBED AREAS SHOULD BE STABILIZED WITHIN 7 DAYS OF FINAL GRADING.
 PERMETER CONTROL SHALL BE INSTALLED AROUND STOCKPILES, AND STOCKPILES SHALL BE STABILIZED THAT WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
 EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING ALL EROSION CONTROL PROBLEMS THAT ARE A RESULT OF CONSTRUCTION ACTIVITIES. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.

TIME SCHEDULE:
 APRIL 15 - 30, 2023 INSTALL INITIAL EROSION CONTROL DEVICES, ROUGH GRADE SITE, DEMOLISH EXISTING HOUSE GARAGE, AND DRIVEWAY AT 4701 ELLESTAD DRIVE.
 APRIL 30, 2023 - JULY 15, 2024 CONSTRUCT BUILDING ADDITION, STORM SEWER, NEW CONCRETE AND GRAVEL AREAS, AND CITY SIDEWALK.
 JULY 1 - 15, 2024 GRADE AND CONSTRUCT THE BIO-RETENTION BASINS PER DETAILS.

RESTORATION NOTES:
 RESTORATION SHALL OCCUR AS SOON AFTER THE DISTURBANCE AS PRACTICAL.
 ALL PERVIOUSLY DISTURBED AREAS SHALL RECEIVE A MINIMUM OF FOUR (4) INCHES OF TOPSOIL, SEED, AND MULCH. RESTORATION WILL OCCUR AS SOON AFTER THE DISTURBANCE AS PRACTICAL. THE BIO-RETENTION BASIN SHALL BE RESTORED PER THE BIO-RETENTION BASIN DETAIL. SEED MIXTURE 40 SHALL BE USED ON ALL OTHER DISTURBED AREAS. ALL SEED MIXTURES SHALL BE IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS. AN EQUAL AMOUNT OF ANNUAL RYEGRASS SHALL BE ADDED TO THE MIX.
 ALL PERVIOUSLY DISTURBED AREAS SHALL RECEIVE FERTILIZER. FERTILIZER SHALL BE THE FOLLOWING MINIMUM REQUIREMENTS: NITROGEN, NOT LESS THAN 16%; PHOSPHORIC ACID, NOT LESS THAN 8%; POTASH, NOT LESS THAN 8%. FERTILIZER SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. SEED MIXTURES SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. MULCH SHALL CONSIST OF HAY OR STRAW APPLIED AT THE RATE OF TWO (2) TONS PER ACRE.
 SEEDING FROM SEPTEMBER 16 THROUGH NOVEMBER 15 IS TO BE AVOIDED TO PREVENT FREEZING OF NEW GROWTH. DORMANT SEEDING SHALL BE COMPLETED AFTER NOVEMBER 15. DORMANT SEEDING SHALL NOT BE APPLIED ON TOP OF SNOW. IF DORMANT SEEDING DOES NOT RESULT IN AT LEAST 70% COVER BY MAY 15, ADDITIONAL SEEDING SHALL BE REQUIRED.

OWNER:
 4621 LLC
 4621 RYCH MILL RD
 MADISON, WI 53716

ENGINEER:
 QUAM ENGINEERING, LLC
 ATTN: RYAN QUAM
 4604 SIGELKOW ROAD, SUITE A
 MCFARLAND, WI 53558



4621 DUTCH MILL ROAD
 GRADING AND EROSION CONTROL PLAN
 SHEET: C-3
 DATED: NOVEMBER 30, 2023

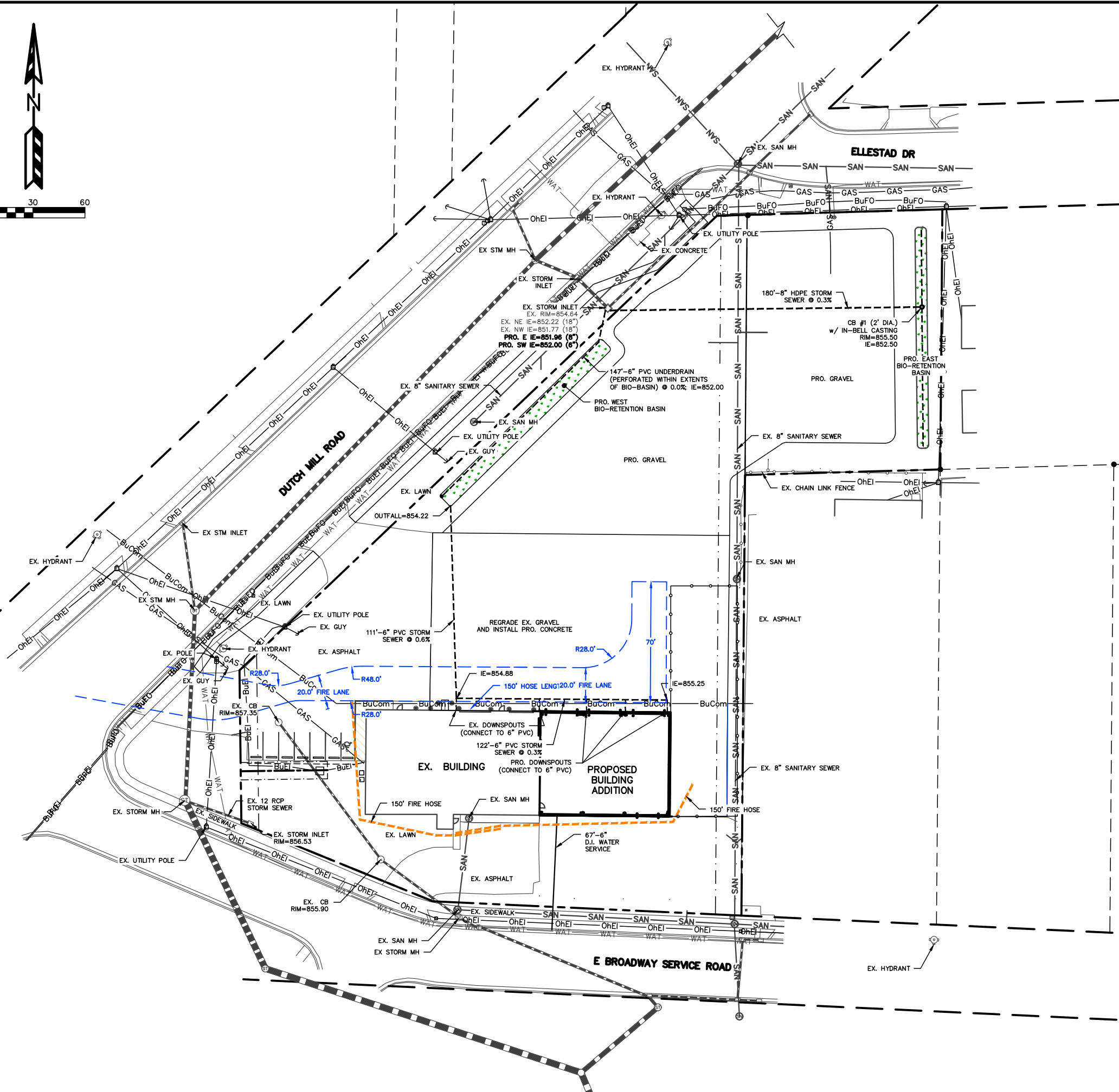
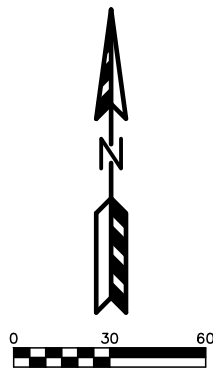
QUAM ENGINEERING, LLC
 Residential and Commercial Site Design Consultants
 www.quamengineering.com
 4604 Sigelkow Road, Suite A - McFarland, Wisconsin 53558
 Phone (608) 838-7750; Fax (608) 838-7752

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
 1-800-242-8511
 TOLL FREE
 TDD(FOR THE HEARING IMPAIRED)(800)542-2289

WIS. STATUTE 182.0175 (1974)
 REQUIRES MIN. OF 3 WORK DAYS
 NOTICE BEFORE YOU EXCAVATE

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
TDD(FOR THE HEARING IMPAIRED)(800)542-2289
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE

THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.



UTILITY NOTES:

THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, SIZES, MATERIALS, AND ELEVATIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO ENGINEER.

PLUMBER SHALL VERIFY SANITARY LATERAL AND WATER SERVICE SIZE TO PROPOSED BUILDINGS

ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A PRE-APPROVED CONTRACTOR AUTHORIZED TO WORK IN THE RIGHT-OF-WAY.

PRIOR TO BEGINNING SEWER CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A CITY PERMIT TO EXCAVATE IN THE PUBLIC RIGHT-OF-WAY AND TO CONNECT TO CITY SEWERS. THE CONTRACTOR SHALL PAY THE PERMIT FEE, INSPECTION FEE, AND STREET DEGRADATION FEE AND SHALL COMPLY WITH ALL CONDITIONS OF THE PERMIT.

THE CONTRACTOR SHALL SUBMIT A WATER SERVICE APPLICATION FORM AND FEES BEFORE CONNECTING TO THE EXISTING WATER SYSTEM. PROVIDE AT LEAST 48-HOUR NOTICE BETWEEN APPLICATION SUBMITTAL AND THE REQUESTED INSTALLATION OR INSPECTION APPOINTMENT. APPLICATION MATERIALS ARE AVAILABLE ON THE WATER UTILITY'S PLUMBERS & CONTRACTORS WEBSITE; OTHERWISE THEY MAY BE OBTAINED FROM THE WATER UTILITY MAIN OFFICE AT 119 E OLIN AVENUE.

THE LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM THE PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.

ALL STORM SEWER SHALL BE HDPE SMOOTH WALL INTERIOR CORRUGATED PIPE AS MANUFACTURED BY ADS OR APPROVED EQUAL. PIPE SHALL HAVE WATERTIGHT JOINTS AND SHALL MEET THE REQUIREMENTS OF AASHTO M-294, TYPE S.

CATCH BASINS AND INLETS SHALL BE CONCRETE AND CONSTRUCTED IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS OR APPROVED EQUAL.

ALL UNDERGROUND EXTERIOR NON-METALLIC SEWERS AND WATER SERVICES MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORDANCE WITH 182.0715(2r) OF STATE STATUTES.

THE CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING IN THE AREA BETWEEN THE CURB AND SIDEWALK AND EXTEND IT AT LEAST 5 FEET FROM BOTH SIDES OF THE TREE ALONG THE LENGTH OF THE TERRACE. NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE OUTSIDE EDGE OF A TREE TRUNK. IF EXCAVATION WITHIN 5 FEET OF ANY TREE IS NECESSARY, CONTRACTOR SHALL CONTACT CITY FORESTRY (266-4816) PRIOR TO EXCAVATION TO ASSESS THE IMPACT TO THE TREE AND ROOT SYSTEM. TREE PRUNING SHALL BE COORDINATED WITH CITY FORESTRY. TREE PROTECTION SPECIFICATIONS CAN BE FOUND IN SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. ANY TREE REMOVALS THAT ARE REQUIRED FOR CONSTRUCTION AFTER THE DEVELOPMENT PLAN IS APPROVED WILL REQUIRE AT LEAST A 72-HOUR WAITING PERIOD BEFORE A TREE REMOVAL PERMIT CAN BE ISSUED BY FORESTRY, TO NOTIFY THE ALDER OF THE CHANGE IN THE TREE PLAN.

ANY UTILITIES WHICH ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL REPLACE ALL SIDEWALK SIDEWALK AND CURB AND GUTTER THAT ABUTS THE PROPERTY THAT IS DAMAGED BY CONSTRUCTION, OR ANY SIDEWALK SIDEWALK AND CURB AND GUTTER, WHICH THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL RESTORE ANY PAVEMENT ON DUTCH MILL ROAD AND EAST BROADWAY SERVICE ROAD ADJACENT TO THE DEVELOPMENT THAT IS DAMAGED BY CONSTRUCTION IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA.

4621 DUTCH MILL ROAD
UTILITY & FIRE LANE PLAN
SHEET: C-4
DATED: NOVEMBER 30, 2023

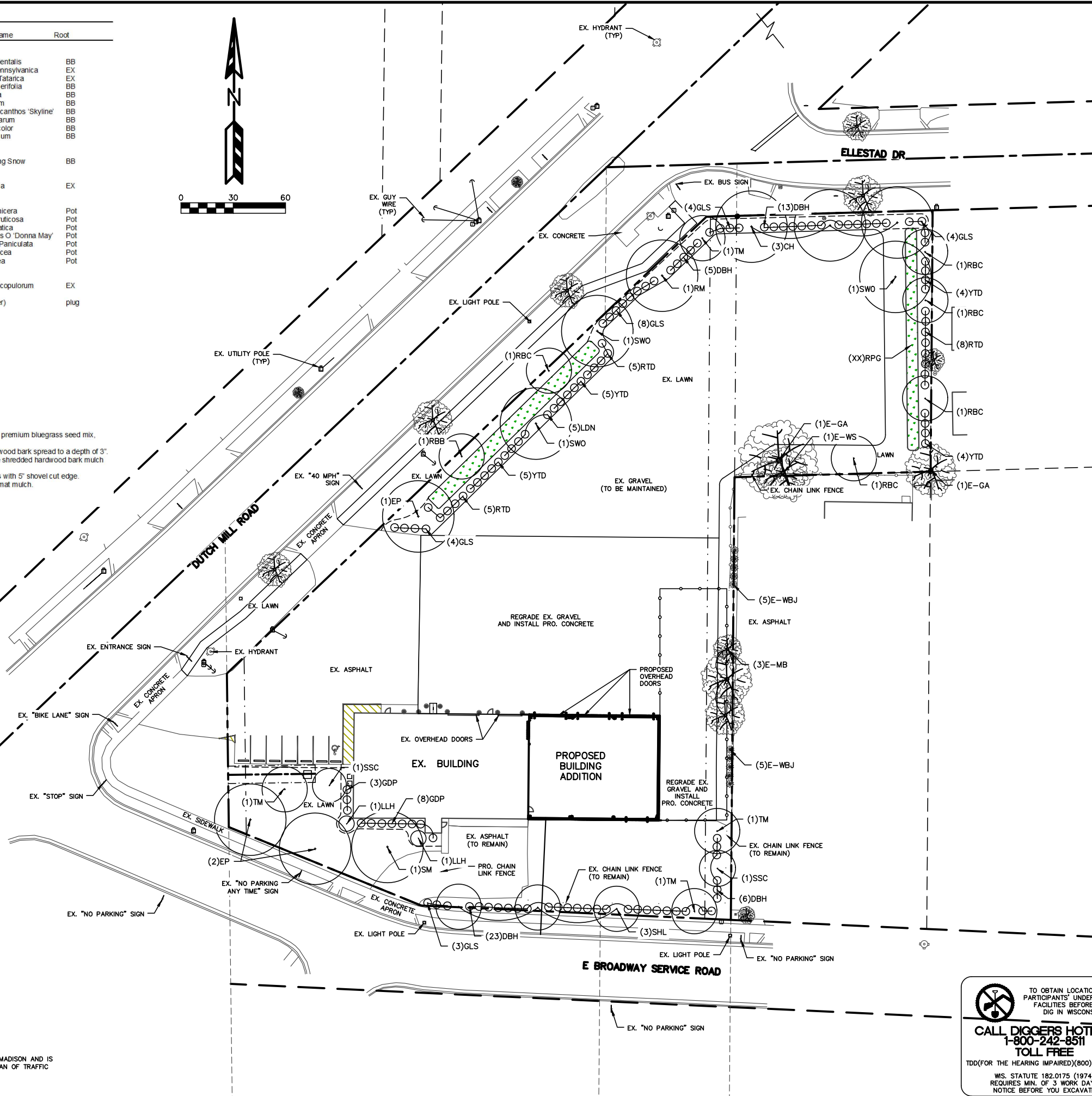
QUAM ENGINEERING, LLC
Residential and Commercial Site Design Consultants
www.quamengineering.com
4604 Siggelkow Road, Suite A - McFarland, Wisconsin 53558
Phone (608) 838-7750; Fax (608) 838-7752

PLANT LIST

KEY	QUAN	SIZE	COMMON NAME	Botanical Name	Root
(28) Climax Trees					
CH	3	2 1/2"	Common Hackberry	Celtis Occidentalis	BB
E-GA	2	12"+	Existing Green Ash	Fraxinus Pennsylvanica	EX
E-MB	3	12"+	Existing Mulberry	Morus Alba Tatarica	BB
EP	3	2 1/2"	Existing Planetree	Platanus Acerifolia	BB
RBC	5	12"	River Birch Clump	Betula Nigra	BB
RM	1	2 1/2"	Red Maple	Acer Rubrum	BB
SHL	3	1 1/2"	Skyline Honeylocust	Gleditsia Tricanthos 'Skyline'	BB
SM	1	2 1/2"	Sugar Maple	Acer Saccharum	BB
SWO	3	2 1/2"	Swamp White Oak	Quercus Sericea	BB
TM	4	2 1/2"	Tatarian Maple	Acer Tataricum	BB
(2) Ornamental Trees					
SSC	2	12"	Spring Snow Crab	Malus 'Spring Snow'	BB
(1) Evergreen Trees					
E-WS	1	50"	Existing White Spruce	Picea Glauca	EX
(124) Deciduous Shrubs					
DBH	47	24"	Dwarf Bush Honeysuckle	Diervilla Lonicera	Pot
GDP	11	18"	Gold Drop Potentilla	Potentilla Fruticosa	Pot
GLS	23	18"	Gro Low Sumac	Rhus Aromatica	Pot
LDN	5	24"	Little Devil Ninebark	Physocarpus O' Donna May'	Pot
LLH	2	24"	Little Lime Hydrangea	Hydrangea Paniculata	Pot
RTD	18	24"	Red Twig dogwood	Cornus Sericea	Pot
YTD	18	24"	Yellow Twig dogwood	Cornus Lutea	Pot
(10) Evergreen Shrubs					
E-WBJ	10	18"	Existing Wichita Blue Juniper	Juniperus Scopulorum	EX
RGP (XX) Bio-retention Plantings (Planted 12" on center)					
			Common Blue Star		plug
			Bottle Gentian		
			Columbine		
			Switchgrass		
			Black Eyed Susan		
			Wild Iris		
			Swamp Milkweed		
			White Turtlehead		
			Cardinal Flower		
			Turk's Cap Lily		
			Little Bluestem		
			Canada Wild Rye		

NOTES:

- 1) Designated lawn areas to receive a minimum of 4" of topsoil, premium bluegrass seed mix, starter fertilizer, and straw mat mulch.
- 2) Designated planting beds to be mulched with shredded hardwood bark spread to a depth of 3".
- 3) Individual trees and shrub groupings in lawn areas to receive shredded hardwood bark mulch plant rings (4' diameter) spread to a depth of 3".
- 4) Designated planting beds separated from lawn and turf areas with 5" shovel cut edge.
- 5) Rain garden to receive shredded hardwood bark or coconut mat mulch.
- 6) Rain garden plants (RGP) to be installed 12" on center.
- 7) Rain garden to be constructed per WDNR specifications.



LANDSCAPE WORKSHEET
4621 Dutch Mill Road - Madison, Wisconsin

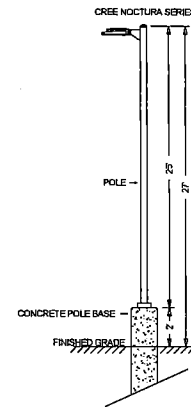
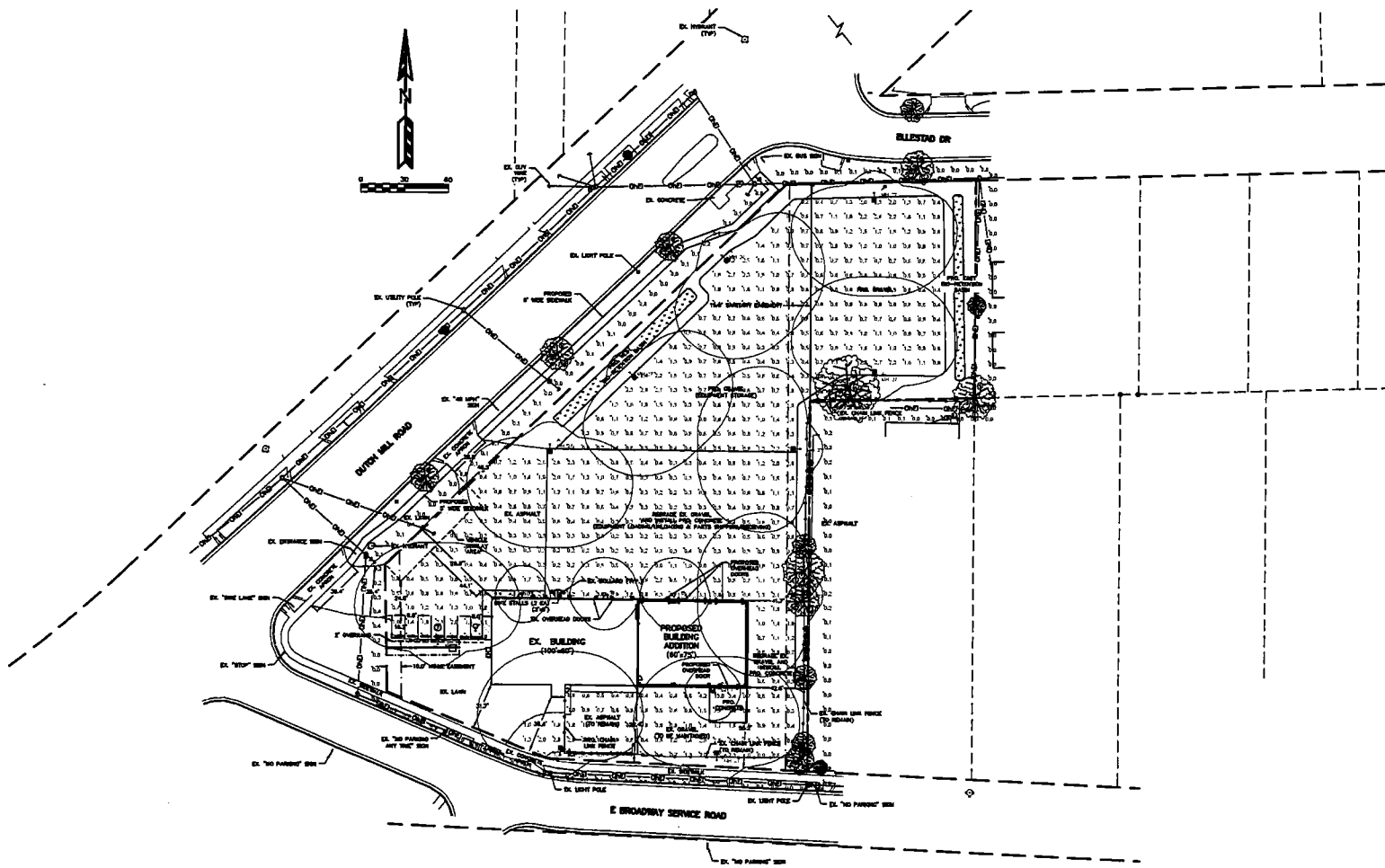
Zoning Classification:	IL
Landscape Points Required	
Developed Area =	75,965 SF
Landscape Points: 75,965 / 100 * 1 =	760 points
Total Landscape Points Required	760 points
Landscape Points Supplied	
Existing canopy trees - 5 @ 35 =	175 points
Proposed canopy trees - 23 @ 35 =	805 points
Existing evergreen trees - 1 @ 35 =	35 points
Proposed evergreen trees - 0 @ 35 =	0 points
Existing ornamental trees - 0 @ 15 =	0 points
Proposed ornamental trees - 2 @ 15 =	30 points
Existing upright evergreen shrubs - 10 @ 10 =	100 points
Proposed upright evergreen shrubs - 0 @ 10 =	0 points
Existing deciduous shrubs - 0 @ 3 =	0 points
Proposed deciduous shrubs - 124 @ 3 =	372 points
Existing evergreen shrubs - 0 @ 4 =	0 points
Proposed evergreen shrubs - 0 @ 4 =	0 points
Existing perennials & grasses 0 @ 2 =	0 points
Proposed perennials & grasses 0 @ 2 =	0 points
Total landscape points supplied =	1,427 points
Lot Frontage Landscape Required	
(Section 28.142(5) Development Frontage Landscaping)	
One (1) over-story deciduous tree and five (5) shrubs shall be planted for each thirty (30) lineal feet of lot frontage. Two (2) ornamental trees or two (2) evergreen trees may be used in place of one (1) over-story deciduous tree.	
Dutch Mill Rd, East Broadway Service Rd, and Ellested Dr = 895.5 LF Frontage	
Over story trees required 895.5/30' = 29.9	30 trees
Shrubs required (895.5/30) x 5 = 149.3	150 shrubs
Over story trees supplied	19 trees
Ornamental trees supplied	2 trees
Shrubs supplied	106 shrubs

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
 1-800-242-8511
 TOLL FREE
 TDD(FOR THE HEARING IMPAIRED)(800)542-2289
 WIS. STATUTE 182.0175 (1974)
 REQUIRES MIN. OF 3 WORK DAYS
 NOTICE BEFORE YOU EXCAVATE

4621 DUTCH MILL ROAD
PROPOSED LANDSCAPE PLAN
 SHEET: C-5
 DATED: NOVEMBER 30, 2023
QUAM ENGINEERING, LLC
 Residential and Commercial Site Design Consultants

 www.quamengineering.com
 4604 Siggekow Road, Suite A - McFarland, Wisconsin 53558
 Phone (608) 838-7750; Fax (608) 838-7752

NOTE:
THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.



FIXTURE MOUNTING HEIGHT: SHOWN ON PLAN AS "MH" IN FEET ABOVE FINISHED GRADE (AFFD)

Qty	Label	Symbol	Amperage	Manufacturer	Manufacturer Part #	Manufacturer Catalog #	Manufacturer Catalog #	Manufacturer Catalog #	Luminaire Watts	Luminaire Lumens	U.F.
4	18	18	24	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM	24	2000	0.80

MAINTAINED FOOTCANDLES SHOWN

Calculation Reference	Units	Avg	Min	Max	Area/ft ²	Max/ft ²
100 Foot Candle Area	FC	0.8	0.4	1.6	100	100
100 Foot Candle Area	FC	1.0	0.5	2.0	100	100

ERI ENGINEERED REPRESENTATION INC.

www.engineeredrpn.com
262.542.8285 Wauwatosa
620.151.2622 Menomonee
app@eriwi.com

Date: 11/3/2023 Scale: 1"=30' Layout By: Andy

Project: KELBE BROTHERS EQUIPMENT - 4821 DUTCH MILL ROAD - MADISON, WI

Filename: 231103QU1AKC.AGI

LIGHT LEVELS SHOWN ARE STRICTLY FOR PURPOSES OF ESTIMATING BILL OF MATERIALS AND THE RESULTS ARE BASED ON PROJECT DETAILS GIVEN TO ENGINEERED REPRESENTATION INC. ANALYSIS OVER A COMPANY LLC. BEFORE OCCUPANCY OF SPACE. ALL PROJECT DETAILS AND LIGHT LEVELS SHOULD BE VERIFIED TO COMPLY WITH SAFETY AND MUNICIPAL CODES.

Noctura Series

LED Area Luminaires

Rev. Date: V14 08/28/2023

Product Description

The Noctura® LED Area luminaire minimizes cost of ownership with easy installation, high performance and quality backed by a Cree Lighting 5-year limited warranty. The Noctura Series has a coordinated style across area, flood and wall mount luminaires to provide a consistent daytime appearance across a building site or campus. Versatile mounting configurations offer installation flexibility and ease of application for direct pole, tenon or vertical flat surface mounting.

Applications: Ideal for both retrofit and new installation: parking area, security, or site pathway applications.

Performance Summary

Lumen Output: Up to 35,600 lumens

Efficacy: Up to 155 LPW

CRI: Minimum 70 CRI

CCT: 4000K, 5000K

Limited Warranty: 5 years on luminaire, mounts, backlight shields, bird spikes, occupancy sensor and cables/1 year on remaining field-installed accessories

* See <http://creelighting.com/warranty> for warranty terms

Accessories

Field-Installed		
Backlight Shield NTA-BLSF-11L - For use with 11L only NTA-BLSF-19L - For use with 19L only NTA-BLSF-35L - For use with 35L only	Button Photocell JL-423CZ Cable NTX-QC-5 (120-277 Volt only) NTX-QC-5-U (120-480 Volt) - 5' (1.5m) cable replacement Shorting Cap XA-XSLSHRT	Pole Mounted Occupancy Sensor NTX-FSP221B-S-L7-W - Requires XA-SENSREM Hand-Held Remote XA-SENSREM - For successful implementation of the Pole Mounted Occupancy sensor, a minimum of one hand-held remote is required
Bird Spikes NTA-BRDSPK-19L - For use with 19L only NTA-BRDSPK-35L - For use with 35L only		

Ordering Information

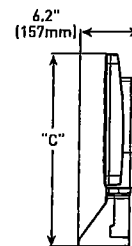
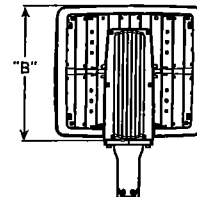
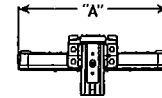
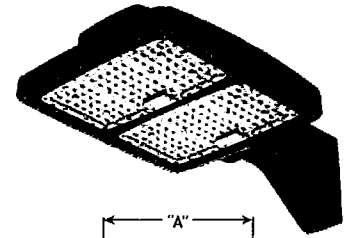
Fully assembled luminaire is composed of two components that must be ordered separately:

Example: Mount: NTA-DA-BZ-U + Luminaire: NTA-A-NM-T3-11L-40K-UL-BZ

Mount (Luminaire must be ordered separately)*		
Direct Arm Mounts NTA-DA-BZ-U (120-480 Volt) - Direct Arm Mount NTX-7R-BZ-U (120-480 Volt) - Extended Arm includes a NEMA® 7-pin Photocell Receptacle - Must be used with NTA-DA-BZ-U mount NTX-3R-BZ (120-277 Volt) - Extended Arm includes a NEMA® 3-pin Photocell Receptacle - Must be used with NTA-DA-BZ-U mount	Adjustable Arm Mounts NTX-AA-BZ-U (120-480 Volt) - Adjustable Arm Mount w/ knockout for Field-Installed Button Photocell (by others) NTX-AA-7R-BZ-U (120-480 Volt) - Adjustable Arm Mount w/NEMA® 7-pin Photocell Receptacle	Trunnion Mounts NTX-TR-BZ-U (120-480 Volt) - Trunnion Mount NTX-TR-7R-BZ-U (120-480 Volt) - Trunnion Mount w/NEMA® 7-pin Photocell Receptacle NTX-TR-PK-BZ-U (120-480 Volt) - Trunnion Mount w/knockout for Field-Installed Button Photocell (by others)
Notes: NEMA® 3-pin and 7-pin Photocell Receptacles require photocell or shorting cap by others		

* Reference EPA and pole configuration suitability data beginning on page 9

11L Direct Mount (NTA-DA-BZ-U)



Lumen Package	Weight**	Dim "A"	Dim "B"	Dim "C"
11L*	12.5 lbs. (5.7kg)	10.6" (269mm)	12.9" (328mm)	18.7" (476mm)
19L*	16.0 lbs. (7.3kg)	15.4" (391mm)	13.8" (351mm)	19.6" (499mm)
35L*	21.1 lbs. (9.6kg)	15.4" (391mm)	19.8" (502mm)	25.6" (650mm)

* See pages 3-5 for additional line drawings

** Includes housing & mount (for housing weight only refer to page 2)

Note: Refer to page 10 for fixture mounting drill pattern.

Luminaire (Mount must be ordered separately)***							
Product	Version	Mounting	Optic*	Lumen Package**	CCT	Voltage	Color Options
Available 11L Product Combinations							
NTA	A	NM	T3 - Type III	11L	40K	UL - 120-277V	BZ
NTA	A	NM	T4 - Type IV	11L	40K	UL - 120-277V	BZ
Available 19L Product Combinations							
NTA	A	NM	T3 - Type III	19L	40K	UL - 120-277V	BZ
NTA	A	NM	T4 - Type IV	19L	40K	UL - 120-277V	BZ
NTA	A	NM	T4 - Type IV	19L	50K	UL - 120-277V	BZ
NTA	A	NM	T5 - Type V	19L	40K	UL - 120-277V	BZ
NTA	A	NM	T5 - Type V	19L	50K	UL - 120-277V	BZ
Available 35L Product Combinations							
NTA	A	NM	T3 - Type III	35L	40K	UL - 120-277V	BZ
NTA	A	NM	T3 - Type III	35L	50K	UL - 120-277V	BZ
NTA	A	NM	T4 - Type IV	35L	40K	UL - 120-277V	BZ
NTA	A	NM	T4 - Type IV	35L	50K	UL - 120-277V	BZ
NTA	A	NM	T5 - Type V	35L	40K	UL - 120-277V	BZ
NTA	A	NM	T5 - Type V	35L	50K	UL - 120-277V	BZ

* Available with Backlight Shield when ordered with field-installed accessory [see table above]

** Lumen Package codes identify approximate light output only. Actual lumen output levels may vary depending on CCT and optic selection. Refer to Initial Delivered Lumen tables for specific lumen values

*** Note: Limited product availability. Consult factory for availability



US: creelighting.com (800) 236-6800

Canada: creelighting-canada.com (800) 473-1234

CREE LIGHTING®

Noctura® LED Area Luminaire

Product Specifications

CONSTRUCTION & MATERIALS

- Slim, low profile design minimizes wind load requirements
- Luminaire housing is rugged die cast aluminum with weathertight integral LED driver compartment which is specifically designed for advanced LED thermal management
- Housing and mounting accessories finished in bronze polyester powder coat paint, 2.5 mil nominal thickness
- Mounting options include: adjustable arm w/knockout provision for field-installed button type photocell (by others), adjustable arm w/NEMA® 7-pin photocell receptacle, trunnion mount, trunnion mount w/NEMA® 7-pin photocell receptacle, trunnion mount w/knockout provision for field-installed button type photocell (by others), and direct arm mount
- Extension arm accessory for direct arm mount with a NEMA® 3-pin or 7-pin photocell receptacle
- Photocell or shorting cap by others
- Adjustable arm mount is constructed of rugged die cast aluminum and mounts to 2" (51mm) I.P., 2.375" (60mm) O.D. tenons. It includes tooth lock aiming that can be adjusted from 0° (horizontal) to 45° in 5° increments
- Trunnion mount features rugged steel construction, mounts to vertical flat surfaces, and can be adjusted from 0° (horizontal) to 45° in 15° increments
- Direct arm is constructed of rugged die cast aluminum and mounts to 3-6" (76-152mm) square poles or 4-5" (102-127mm) round poles with (2) 5/16" bolts
- Mount secures to luminaire housing with (4) 5/16" bolts and lock washers (included)
- Designed for downlight applications only, 45-degree tilt maximum
- **Housing Weight:** 11L-8.6 lbs. (3.9kg); 19L-12.1 lbs. (5.5kg); 35L-17.2 lbs. (7.8kg)

OPTICS

- Mid-power LED array Area optics are available in IES Type III, IV and V distributions for 4000K and 5000K CCTs with a minimum of 70 CRI. Efficacies up to 155 LPW for minimal energy consumption. Backlight shields are available for light trespass and glare control.

ELECTRICAL SYSTEM

- **Input Voltage:** 120-277V, 50/60Hz, Class 1 drivers
- **Power Factor:** > 0.9 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Integral 10kV/5kA surge suppression protection standard
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current
- Quick connect supply cord makes installation easy
- Designed with 0-10V dimming capabilities. Controls by others
- **10V Source Current:** 0.20 mA
- **Operating Temperature Range:** -30°C - +40°C (-22°F - +104°F)

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed (UL1598)
- Suitable for wet locations
- Meets NEMA C82.77 standards
- Drivers and LEDs are UL Recognized in accordance with UL8750
- Enclosure meets IP66 requirements per IEC 60529
- Direct and adjustable arms are certified to ANSI C136.31-2018, 3G vibration standards. Trunnion mounts are certified to ANSI C136.31-2001, 1.5G vibration standards
- ANSI C136.2 10kV/5kA surge protection, tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions

- RoHS compliant. Consult factory for additional details
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm - www.p65warnings.ca.gov

Electrical Data*					
Lumen Package	System Watts 120-277V	Total Current (A)			
		120V	208V	240V	277V
11L	75	0.75	0.40	0.35	0.30
19L	130	1.30	0.75	0.65	0.56
35L	230	2.30	1.33	1.15	1.00

* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-277V +/-10%

Noctura Series Ambient Adjusted Lumen Maintenance ¹					
Ambient	Initial LMF	25K hr Reported ² LMF	50K hr Reported ² LMF	75K hr Estimated ³ LMF	100K hr Estimated ³ LMF
5°C (41°F)	1.04	0.98	0.92	0.87	0.82
10°C (50°F)	1.03	0.97	0.91	0.86	0.81
15°C (59°F)	1.02	0.96	0.91	0.85	0.80
20°C (68°F)	1.01	0.95	0.90	0.84	0.79
25°C (77°F)	1.00	0.94	0.89	0.83	0.79
30°C (86°F)	0.99	0.93	0.88	0.83	0.78
35°C (95°F)	0.98	0.93	0.87	0.82	0.77
40°C (104°F)	0.97	0.92	0.86	0.81	0.76

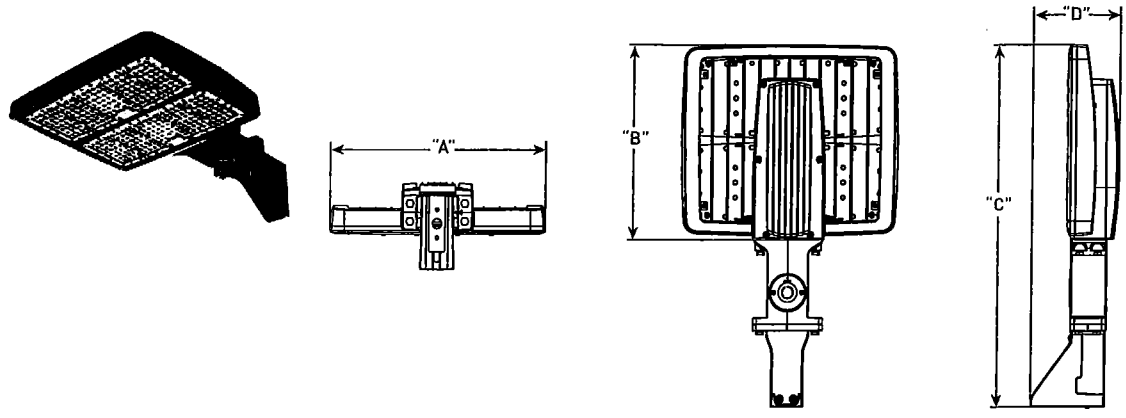
¹ Lumen maintenance values at 25°C (77°F) are calculated per IES TM-21 based on IES LM-80 report data for the LED package and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors. Please refer to the [Temperature Zone Reference Document](#) for outdoor average nighttime ambient conditions.

² In accordance with IES TM-21, Reported values represent interpolated values based on time durations that are up to 6x the tested duration in the IES LM-80 report for the LED.

³ Estimated values are calculated and represent time durations that exceed the 6x test duration of the LED.

Noctura® LED Area Luminaire

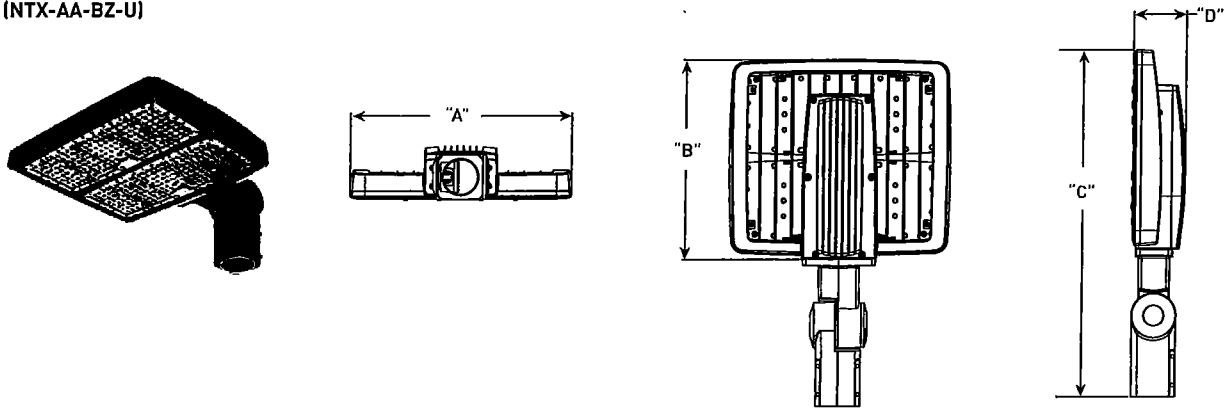
19L
 Direct Mount w/ Extended Arm, NEMA® 3-Pin or 7-pin Photocell Receptacle
 (NTA-DA-BZ-U w/ NTX-3R-BZ or NTX-7R-BZ-U)



Lumen Package	Weight*	Dim "A"	Dim "B"	Dim "C"	Dim "D"
11L	15.0 lbs. (6.8kg)	10.6" (269mm)	12.9" (327mm)	24.7" (628mm)	6.2" (157mm)
19L	18.4 lbs. (8.4kg)	10.6" (269mm)	13.8" (350mm)	25.6" (651mm)	6.2" (157mm)
35L	23.5 lbs. (10.7kg)	15.4" (391mm)	19.8" (502mm)	31.5" (801mm)	6.2" (159mm)

* Includes housing & mount (for housing weight only refer to page 2)

19L
 Adjustable Arm Mount w/Knockout for Field-Installed Button Photocell (by others)
 (NTX-AA-BZ-U)

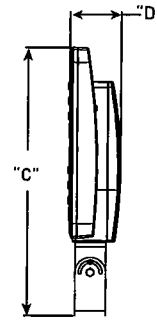
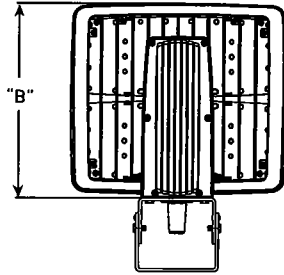
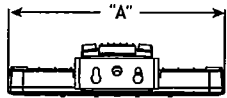
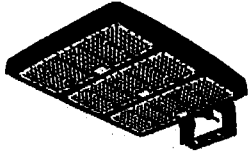


Lumen Package	Weight	Dim "A"	Dim "B"	Dim "C"	Dim "D"
11L	12.3 lbs. (5.6kg)	10.6" (269mm)	12.9" (327mm)	23.0" (585mm)	3.6" (92mm)
19L	15.8 lbs. (7.2kg)	15.4" (391mm)	13.8" (350mm)	23.9" (608mm)	3.7" (93mm)
35L	20.9 lbs. (9.5kg)	15.4" (391mm)	19.8" (502mm)	29.9" (760mm)	3.8" (95mm)

* Includes housing & mount (for housing weight only refer to page 2)

Noctura® LED Area Luminaire

35L
Trunnion Mount
(INTX-TR-BZ-U)

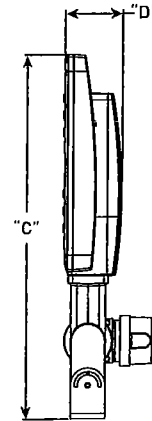
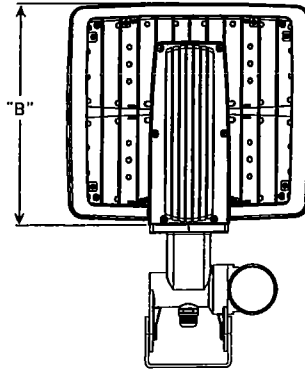
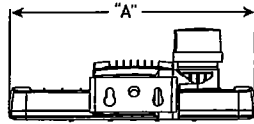
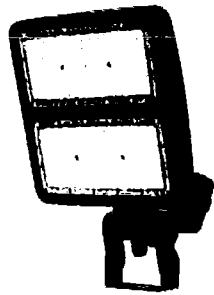


Lumen Package	Weight*	Dim "A"	Dim "B"	Dim "C"	Dim "D"
11L	11.7 lbs. (5.3kg)	10.6" (269mm)	12.9" (327mm)	18.1" (459mm)	3.6" (92mm)
19L	15.2 lbs. (6.9kg)	15.4" (391mm)	13.8" (350mm)	19.0" (482mm)	3.7" (93mm)
35L	20.3 lbs. (9.2kg)	15.4" (391mm)	19.7" (502mm)	25.0" (634mm)	3.7" (93mm)

* Includes housing & mount (for housing weight only refer to page 2)

Noctura® LED Area Luminaire

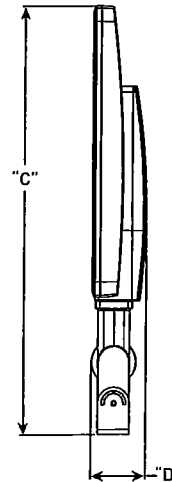
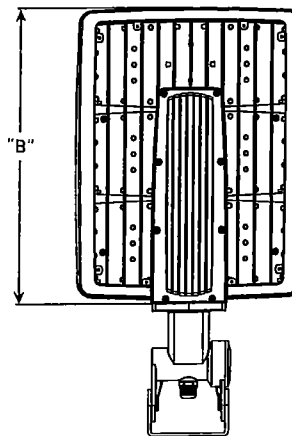
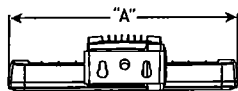
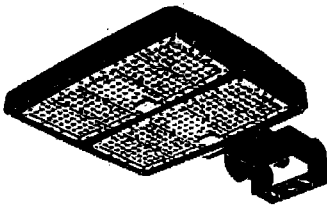
19L
Trunnion Mount w/NEMA® 7-pin Photocell Receptacle
(NTX-TR-7R-BZ-U)



Lumen Package	Weight*	Dim "A"	Dim "B"	Dim "C"	Dim "D"
11L	12.8 lbs. [5.8kg]	10.7" [273mm]	12.9" [327mm]	21.8" [553mm]	3.6" [92mm]
19L	16.2 lbs. [7.3kg]	15.4" [391mm]	13.8" [350mm]	22.7" [576mm]	3.7" [93mm]
35L	21.3 lbs. [9.7kg]	15.4" [391mm]	19.8" [502mm]	28.6" [727mm]	3.7" [94mm]

* Includes housing & mount (for housing weight only refer to page 2)

19L
Trunnion Mount w/Knockout for Field-Installed Button Photocell (by others)
(NTX-TR-PK-BZ-U)



Lumen Package	Weight*	Dim "A"	Dim "B"	Dim "C"	Dim "D"
11L	12.8 lbs. [5.8kg]	10.6" [269mm]	12.9" [327mm]	21.8" [553mm]	3.6" [92mm]
19L	16.2 lbs. [7.3kg]	15.4" [391mm]	13.8" [350mm]	22.7" [576mm]	3.7" [93mm]
35L	21.3 lbs. [9.7kg]	15.4" [391mm]	19.8" [502mm]	28.6" [727mm]	3.7" [94mm]

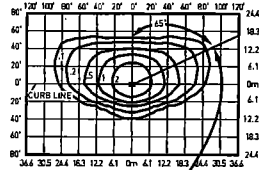
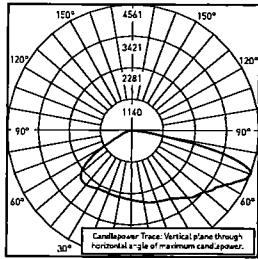
* Includes housing & mount (for housing weight only refer to page 2)

Noctura® LED Area Luminaire

Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <http://www.creelighting.com/products/outdoor/area/noctura-area>

T3



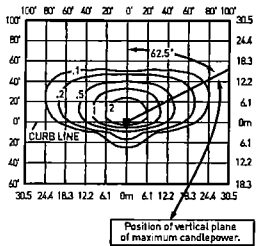
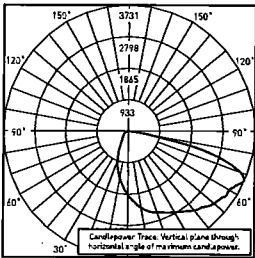
RESTL Test Report #: PL14468-001A
NTA-A-NM-T3-11L-40K-UL-**
Initial Delivered Lumens: 10,914

NTA-A-NM-T3-11L-40K-UL-BZ
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,475
Initial FC at grade

Type III Medium Distribution			
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM 15 11	Efficacy (LPW)
11L	11,475 (4000K)	B3 U0 G2	153
19L	19,200 (4000K)	B3 U0 G3	148
35L	35,600 (4000K/5000K)	B4 U0 G3	155

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** 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

T3 w/BLS



RESTL Test Report #: PL14469-001A
NTA-A-NM-T3-11L-40K-UL-** w/NTA-BLSF-11L
Initial Delivered Lumens: 7,236

NTA-A-NM-T3-11L-40K-UL-BZ w/NTA-BLSF-11L
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 7,575
Initial FC at grade

Type III Medium w/BLS Distribution			
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM 15 11	Efficacy (LPW)
11L	7,575 (4000K)	B1 U0 G1	101
19L	12,675 (4000K)	B2 U0 G2	98
35L	23,500 (4000K/5000K)	B3 U0 G3	102

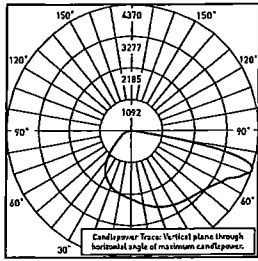
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt

Noctura® LED Area Luminaire

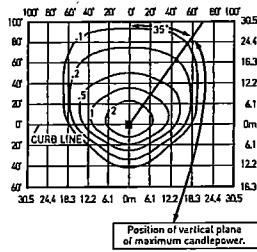
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <http://www.creelighting.com/products/outdoor/area/noctura-area>

T4



RESTL Test Report #: PL14470-001A
 NTA-A-NM-T4-11L-40K-UL-**-
 Initial Delivered Lumens: 10,892

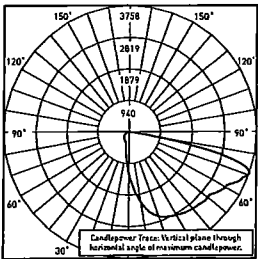


NTA-A-NM-T4-11L-40K-UL-BZ
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 11,475
 Initial FC at grade

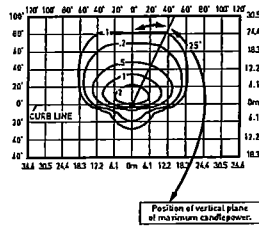
Type IV Medium Distribution			
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM 15 11	Efficacy (LPW)
11L	11,475 (4000K)	B2 U0 G2	153
19L	19,200 (4000K/5000K)	B3 U0 G3	148
35L	35,600 (4000K/5000K)	B4 U0 G4	155

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** 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

T4 w/BLS



RESTL Test Report #: PL14471-001A
 NTA-A-NM-T4-11L-40K-UL-**- w/NTA-BLSF-11L
 Initial Delivered Lumens: 7,186



NTA-A-NM-T4-11L-40K-UL-BZ w/NTA-BLSF-11L
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 7,575
 Initial FC at grade

Type IV Medium w/BLS Distribution			
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM 15 11	Efficacy (LPW)
11L	7,575 (4000K)	B1 U0 G2	101
19L	12,675 (4000K/5000K)	B1 U0 G2	98
35L	23,500 (4000K/5000K)	B2 U0 G3	102

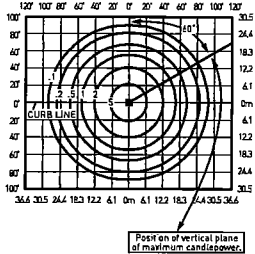
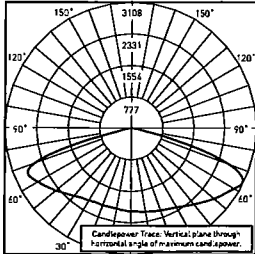
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt

Noctura® LED Area Luminaire

Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <http://www.creelighting.com/products/outdoor/area/noctura-area>

T5



Ningbo TengLi Testing Co. Test Report #: STD190155NB-LD-R-R
NTA-A-NM-T5-11L-30K-UL-**
Initial Delivered Lumens: 11,626

NTA-A-NM-T5-35L-40K-UL-BZ
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 35,600
Initial FC at grade

Type V Medium Distribution			
Lumen Package	Initial Delivered Lumens*	BUG Ratings** Per TM 15 11	Efficacy (LPW)
19L	19,200 (4000K/5000K)	B4 U0 G2	148
35L	35,600 (4000K/5000K)	B5 U0 G3	155

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** 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

Noctura® LED Area Luminaire

Luminaire EPA

Adjustable Arm Mount - NTX-AA-BZ-U w/housing Weight: 11L: 12.3 lbs. [5.6kg]; 19L: 15.8 lbs. [7.2kg]; 35L: 20.9 lbs. [9.5kg]; Add 1.1lbs. [0.5kg] for NTX-AA-7R-BZ-U mount								
Lumen Package	Single	2 @ 90°	2 @ 180°	3 @ 90°	3 @ 120°	3 @ 180°	4 @ 90°	4 @ 180°
Tenon Configuration Single [0°-45° Tilt]: If used with Cree Lighting tenons, please add tenon EPA with Luminaire EPA								
	PB-1A*; PT-1; PW-1A3**	PB-2A*; PB-2R2.375; PD-2A4(90); PT-2(90)*	PB-2A*; PB-2R2.375; PD-2A4(180); PT-2(180); PW-2A3**	PB-3A*; PB-7R2.375; PD-3A4(90); PT-3(90)	PB-3A*; PB-7R2.375; PT-3(120)	PB-3A*; PB-7R2.375	PB-4A*(90); PB-4R2.375; PD-4A4(90); PT-4(90)	PB-4A*(180); PB-4R2.375
0° Tilt								
11L	0.56	1.12	1.12	1.49	1.49	1.49	1.86	1.86
19L	0.59	1.18	1.18	1.69	1.69	1.69	2.20	2.20
35L	0.77	1.54	1.54	2.06	2.06	2.06	2.58	2.58
10° Tilt								
11L	0.56	1.12	1.12	1.66	1.66	1.66	2.20	2.20
19L	0.75	1.50	1.50	2.25	2.25	2.25	3.00	3.00
35L	0.87	1.74	1.74	2.63	2.63	2.63	3.48	3.48
20° Tilt								
11L	0.67	1.34	1.34	2.01	2.01	2.01	2.68	2.68
19L	0.96	1.92	1.92	2.88	2.88	2.88	3.84	3.84
35L	1.17	2.34	2.34	3.51	3.51	3.51	4.68	4.68
30° Tilt								
11L	0.77	1.54	1.54	2.31	2.31	2.31	3.08	3.08
19L	1.10	2.20	2.20	3.30	3.30	3.30	4.40	4.40
35L	1.39	2.78	2.78	4.17	4.17	4.17	5.56	5.56
45° Tilt								
11L	0.86	1.72	1.72	2.58	2.58	2.58	3.44	3.44
19L	1.23	2.46	2.46	3.69	3.69	3.69	4.92	4.92
35L	1.60	3.20	3.20	4.80	4.80	4.80	6.40	6.40

* Specify pole size: 3 [3"], 4 [4"], 5 [5"], or 6 [6"] for single, double or triple luminaire orientation or 4 [4"], 5 [5"], or 6 [6"] for quad luminaire orientation
 ** These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 [3"], 4 [4"], 5 [5"], or 6 [6"]

Tenon EPA

Part Number	EPA
PB-1A*	None
PB-2A*	0.82
PB-3A*	1.52
PB-4A*(180)	2.22
PB-4A*(90)	1.11
PB-2R2.375	0.92
PB-7R2.375	1.62
PB-4R2.375	2.32
PD Series Tenons	0.09
PT Series Tenons	0.10
PW-1A3**	0.47
PW-2A3**	0.94
WM-2	0.08
WM-4	0.25







* Specify pole size: 3 [3"], 4 [4"], 5 [5"], or 6 [6"] for single, double or triple luminaire orientation or 4 [4"], 5 [5"], or 6 [6"] for quad luminaire orientation
 ** These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 [3"], 4 [4"], 5 [5"], or 6 [6"]

Tenons and Brackets* (must specify color)	
Square Internal Mount Vertical Tenons (Steel) - Mounts to 3-6" (76-152mm) square aluminum or steel poles PB-1A* - Single PB-2A* - 180° Twin PB-3A* - 180° Triple PB-4A*(90) - 90° Quad PB-4A*(180) - 180° Quad	Round External Mount Vertical Tenons (Steel) - Mounts to 2.375" (60mm) O.D. round aluminum or steel poles or tenons PB-2R2.375 - Twin PB-7R2.375 - Triple PB-4R2.375 - Quad
Square Internal Mount Horizontal Tenons (Aluminum) - Mounts to 4" (102mm) square aluminum or steel poles PD-2A4(90) - 90° Twin PD-2A4(180) - 180° Twin PD-3A4(90) - 90° Triple PD-4A4(90) - 90° Quad	Round External Mount Horizontal Tenons (Aluminum) - Mounts to 2.375" (60mm) O.D. round aluminum or steel poles or tenons - Mounts to square pole with PB-1A* tenon PT-1 - Single (Vertical) PT-2(90) - 90° Twin PT-2(180) - 180° Twin PT-3(90) - 90° Triple PT-3(120) - 120° Triple PT-4(90) - 90° Quad
Wall Mount Brackets - Mounts to wall or roof WM-2 - Horizontal for NTX-AA mounts WM-4 - L-Shape for NTX-AA mounts	Mid-Pole Bracket - Mounts to square pole PW-1A3** - Single PW-2A3** - Double
	Ground Mount Post - For ground-mounted flood luminaires PGM-1 - for NTX-AA mounts

* Refer to the Bracket and Tenons spec sheet for more details

Noctura® LED Area Luminaire

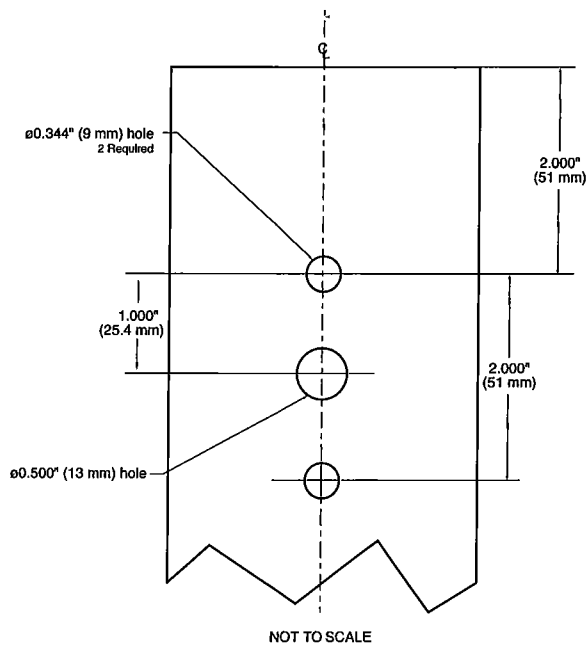
Luminaire EPA

Direct Arm Mount - NTA-DA-BZ-U w/housing Weight: 11L: 12.5 lbs. (5.7kg); 19L: 16.0 lbs. (7.3kg); 35L: 21.1 lbs. (9.6kg); Add 2.4 lbs. (1.1kg) for NTX-3R-BZ or NTX-7R-BZ-U Extended Arms						
Lumen Package	Single	2 @ 90°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
						
11L	0.50	0.83	1.00	1.33	1.00	1.66
19L	0.54	1.01	1.08	1.55	1.31	2.02
35L	0.71	1.19	1.44	1.90	1.58	2.38

Direct Mount Configurations

Compatibility with NTA-DA-BZ-U and NTA-DA-BZ-U w/ NTX-3R-BZ or NTX-7R-BZ-U Direct Arm Mounts					
Lumen Package	2 @ 90°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
3" Square					
All	✓	✓	✓	N/A	✓
4" Square					
All	✓	✓	✓	N/A	✓
4" Round					
All	✓	✓	✓	✓	✓
5" Square					
All	✓	✓	✓	N/A	✓
5" Round					
All	✓	✓	✓	✓	✓
6" Square					
All	✓	✓	✓	N/A	✓

Fixture Mounting Drill Pattern for NTA-DA-BZ-U



© 2023 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. Patent www.creelighting.com/patents. Cree® and the Cree Lighting logo are registered trademarks of Cree, Inc. Noctura® is a registered trademark of Cree Lighting, A company of IDEAL INDUSTRIES. The UL logo is a registered trademark of UL LLC. NEMA® is a registered trademark of the National Electrical Manufacturers Association.



A COMPANY OF IDEAL INDUSTRIES, INC.

LPI Series

Straight Square Steel Poles

Rev. Date: V2 07/12/2022

Product Description

Cree Lighting's LPI Series square straight steel poles are constructed of ASTM A 500 Grade B carbon steel structural tubing which provides a minimum yield strength of 46,000 psi. The one-piece construction with a full-length longitudinal resistance weld is uniformly square in cross section with flat sides, small corner radii and excellent torsional properties. The pole is welded to a formed carbon steel base plate (ASTM A-36 HRS) with a minimum yield strength of 36,000 psi. Pole base has slotted holes to accommodate installation. Poles are supplied with a paper mounting template, four partially galvanized (ASTM A153) L-shaped anchor bolts with a minimum yield strength of 55,000 psi, eight hex nuts and eight flat washers. A two-piece ABS plastic base cover that secures with four push pins provides a rust-proof and tamper resistant cover for the base plate and anchor bolts. A 3" x 5" (4-6" poles) or 1.63" x 3.5" (3" poles) hand hole is located 14" above the bottom of pole base. A 1/2" stainless-steel weld stud with grounding lug is located inside the pole, opposite the hand hole. Drilled poles include a painted plastic pole cap with a spring steel clip. The welded tenon top mounting configuration includes a 2.38" O.D. x 4" long tenon at the top of the pole. The open top mounting configuration is designed to accept internal mount tenons or brackets.

Cree Lighting poles are steel shot cleaned to remove any rust, mill scale, oxides, or other unwanted particles from the pole resulting in a surface preparation that exceeds the specifications published by the SSPC-SP10. Iron phosphate is then applied, creating an iron oxide base with a flat or amorphous metal phosphate topcoat. This coating significantly adds to the performance of the finished coating by improving bonding and minimizing the spread of oxidation if the coating is scratched, improving corrosion resistance. Polyester powder coating is applied to a 6-mil thickness.

LIMITED WARRANTY*

- 7 years on pole and tenons/7 years on finish /1 year on GFI receptacle

*See <http://creelighting.com/warranty> for warranty terms



Ordering Information

Fully assembled pole is composed of two components that must be ordered separately.
Example: Anchor Bolts w/Template: LPI4ABT-0 + Pole: LPI4C251Z-0

Anchor Bolts/Templates	
LPI3ABT-0	Anchor Bolts & Template for 3" Poles: 0.75" anchor bolts, 8.5" bolt circle (8-9" range)
LPI4ABT-0	Anchor Bolts & Template for 4" Poles: 0.75" anchor bolts, 8.5" bolt circle (8-9" range)
LPI5ABT-0	Anchor Bolts & Template for 5" Poles: 1" anchor bolts, 11" bolt circle (10-12" range)
LPI6ABT-0	Anchor Bolts & Template for 6" Poles: 1" anchor bolts, 11.5" bolt circle (11-12" range)

LPI	Product	Face (IN)/Wall Thickness (GA)	Pole Height (FT)	Mounting Configuration	Fixture Mounting Drill Pattern**	Color Options	Options	Pole Only Designator	
LPI	3C 3", 11 gauge (0.125") 4C 4", 11 gauge (0.125") 4S 4", 7 gauge (0.188") - Available only in 20', 22' and 25' mounting heights 5S 5", 7 gauge (0.188") 6S 6", 7 gauge (0.188")	3" Poles 10=10' 15=15' 4" Poles 10=10' 12=12' 13=13' 14=14' 15=15' 17=17' 18=18' 20=20' 22=22' 23=23' 25=25'	5" Poles 20=20' 22=22' 25=25' 30=30'	6" Poles 30=30'	Drilled Poles 1 Drilled for Direct Mount (Single) 2 Drilled for Direct Mount {2@180deg} 3 Drilled for Direct Mount {2@90deg} 5 Drilled for Direct Mount {3@90deg} 6 Drilled for Direct Mount {4@90deg}	Use Only w/Drilled Poles BLANK Standard Cree Lighting Drill Pattern - For use with Cree Lighting and C-LITE® area/flood luminaires except THE EDGE® High Output or OSQX E THE EDGE® High Output Drill Pattern - Drill Pattern for use only with THE EDGE High Output luminaires with EHO-UNV mount Q OSQX Drill Pattern - Drill Pattern for use only with OSQX luminaires	K Black S Silver W White Z Bronze	CSA CSA Certified for Canada GFI Standard GFI - Located 28" above the base of the pole on same side as hand hole. Consult factory for placement in other locations - Available only with 4"-6" poles UL ULus Listed	-0 -0 Order anchor bolts & templates separately
				Open Top Poles T* Open top to accept internal mount tenons Welded Tenon Top Poles W Welded Tenon Top - 2.38" O.D. x 4.0" Long					

* Order tenon separately. Refer to [Bracket and Tenons spec sheet](#) for additional information.

** Refer to page 3 for fixture mounting patterns.

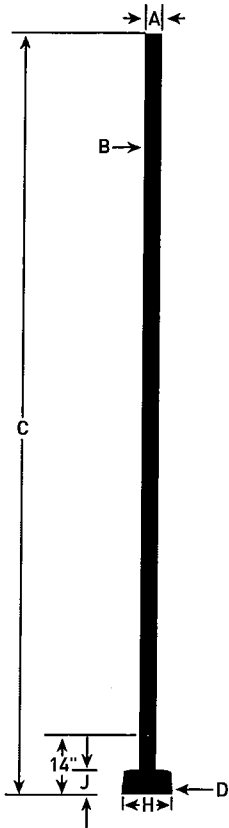


US: creelighting.com (800) 236-6800
Canada: creelighting-canada.com (800) 473-1234

CREE LIGHTING®

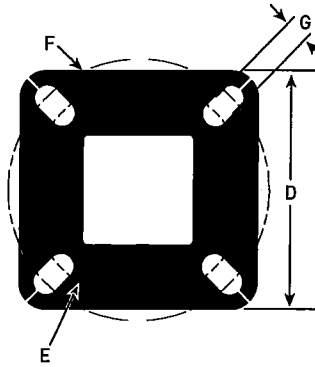
LPI Series Straight Square Steel Poles

Pole Drawing



Refer to page 4 for dimensions A-J. Dimensions are based on pole selection.

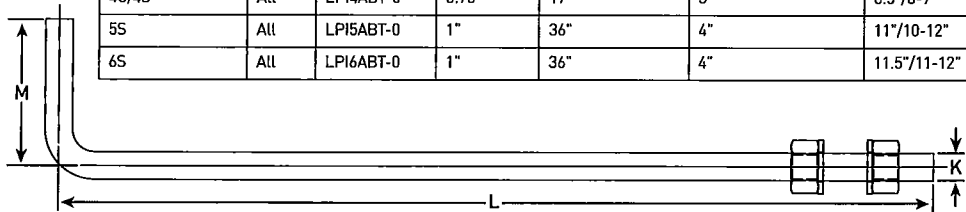
Base Plate Detail



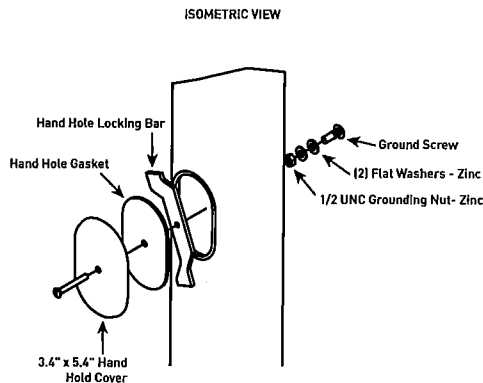
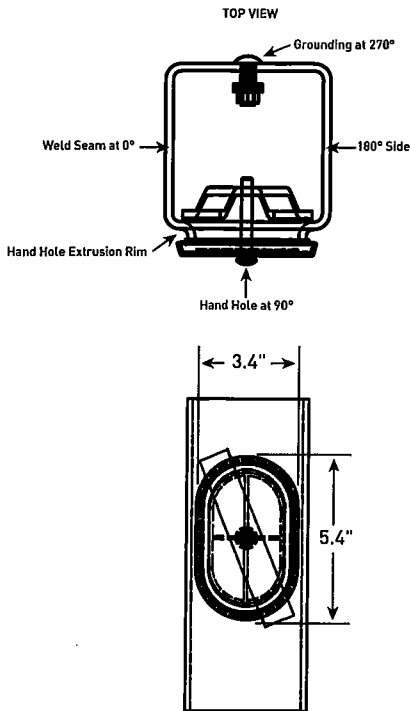
Refer to page 4 for dimensions A-J. Dimensions are based on pole selection.

Anchor Bolt Detail

Face (IN)/Wall Thickness (GA)	Pole Height	Part Number	Anchor Bolt Diameter (K)	Anchor Bolt Vertical Length (L)	Anchor Bolt Horizontal Length (M)	Bolt Circle/Range
3C	All	LPI3ABT-0	0.75"	17"	3"	8.5"/8-9"
4C/4S	All	LPI4ABT-0	0.75"	17"	3"	8.5"/8-9"
5S	All	LPI5ABT-0	1"	36"	4"	11"/10-12"
6S	All	LPI6ABT-0	1"	36"	4"	11.5"/11-12"



Hand Hole Drawings (4-6" Poles Only)

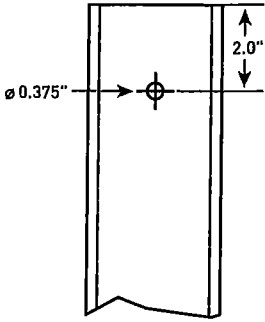


Note: Hand hole on 3" poles is 1.63" x 3.5" oval.

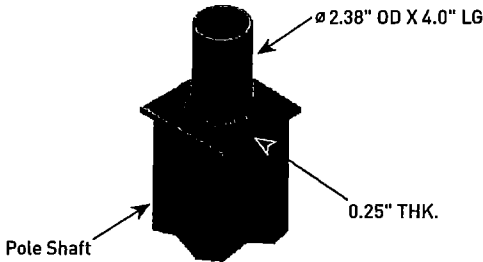
LPI Series Straight Square Steel Poles

Fixture Mounting Drill Patterns

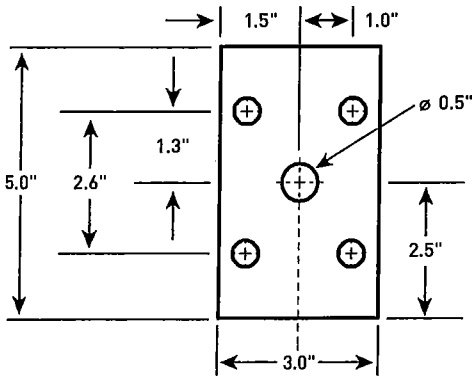
T - Open Top Mounting Configuration



W - Welded Tenon Top Mounting Configuration



E - THE EDGE® High Output Mounting Drill Pattern



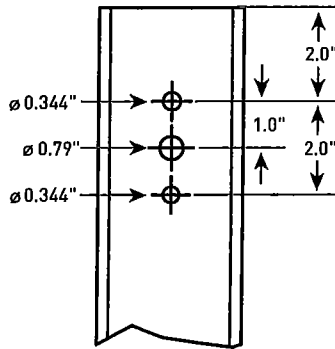
Optional GFI (shown on 4-6" pole)



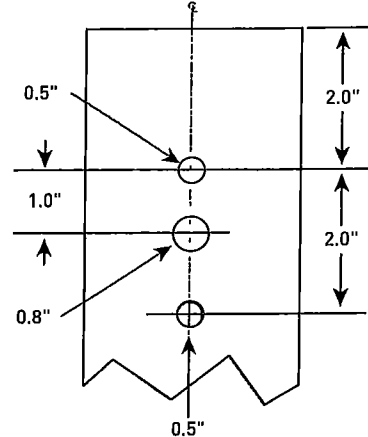
CONSTRUCTION & MATERIALS

- Heavy-duty steel construction
- Lockable security cover
- Includes adapter plates and foam gasket
- 20A, 120V, 60Hz GFCI, and cover also included
- 3-1/4" internal depth
- Standard GFI is located 28" above the pole base on the same side as the hand hole. Consult factory for placement in other locations
- Weatherproof while in use
- Meets NEC Extra Duty requirements
- Receptacle and cover ship separately in hardware bag

Standard Cree Lighting Fixture Mounting Drill Pattern



Q - OSQX Fixture Mounting Drill Pattern



Tenon EPA

Part Number	EPA
PB-1A*	None
PB-2A*	0.82
PB-3A*	1.52
PB-4A* (180)	2.22
PB-4A* (90)	1.11
PD Series Tenons	0.09
XA-TMDA8	0.07

Tenons and Brackets[†] (must specify color)

Square Internal Mount Vertical Tenons (Steel)

- Mounts to 3-6" (76-152mm) square aluminum or steel poles
 - For use with adjustable arm & horizontal/vertical tenon mounts
 - Not for use with THE EDGE® Area Round Post Top mounts
- PB-1A* - Single PB-4A*(90) - 90° Quad
 PB-2A* - 180° Twin PB-4A*(180) - 180° Quad
 PB-3A* - 180° Triple

Square Internal Mount Horizontal Tenons (Aluminum)

- Mounts to 4" (102mm) square aluminum or steel poles
 - For use with adjustable arm mounts and RUL luminaires
 - Not for use with THE EDGE® High Output or OSQX Area/Flood luminaires
- PD-2A4(90) - 90° Twin PD-3A4(90) - 90° Triple
 PD-2A4(180) - 180° Twin PD-4A4(90) - 90° Quad

Square Internal Mount Horizontal Tenons (Aluminum)

- Mounts to 4" (102mm) square aluminum or steel poles
 - For use with horizontal tenon mounts that require extended tenon length
 - Not for use with THE EDGE® High Output or OSQX Area/Flood luminaires
- PD-1H4 - Single PD-3H4(90) - 90° Triple
 PD-2H4(90) - 90° Twin PD-4H4(90) - 90° Quad
 PD-2H4(180) - 180° Twin

Direct Arm Pole Adaptor Bracket (Aluminum)

- Mounts to 3-6" (76-152mm) round or square aluminum or steel poles
 - For use with horizontal tenon mounts that require extended tenon length
 - Not for use with THE EDGE® High Output or OSQX Area/Flood luminaires
- XA-TMDA8

[†] Refer to the Bracket and Tenons spec sheet for more details on tenons. Refer to product specification sheets for compatible tenons.

* Specify pole size: 3 [3"], 4 [4"], 5 [5"], or 6 [6"] for single, double or triple luminaire orientation or 4 [4"], 5 [5"], or 6 [6"] for quad luminaire orientation.

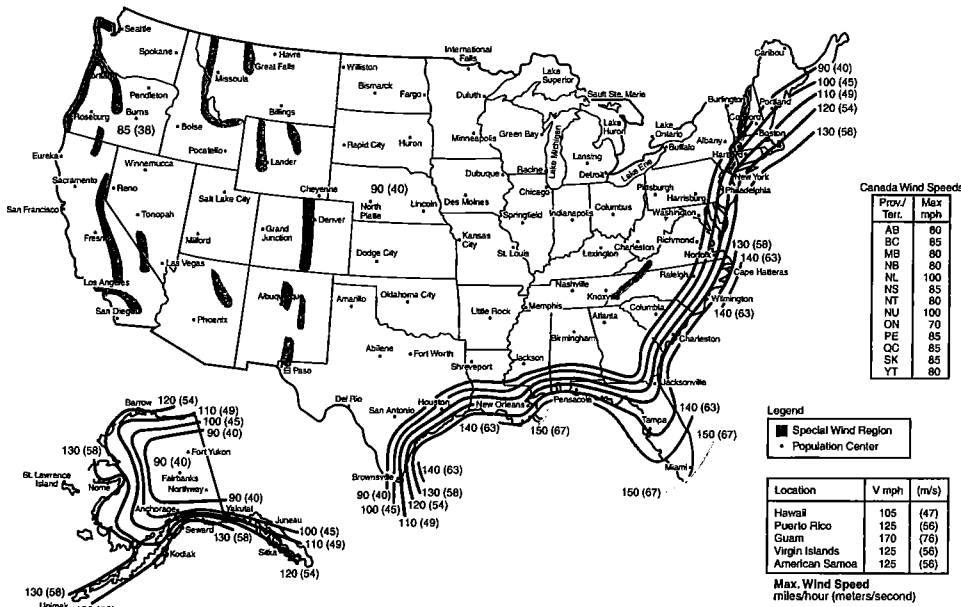
Dimensions, EPA & Weight

Pole	Face (A) x Wall (B) x Height (C)	Base Plate (D) x Thickness	Bolt Circle/Range Min (E) - Max (F)	Bolt Hole Size (G)	Base Cover (H) x Height (J)	AASHTO LTS-6					Maximum Luminaire Weight	Approx. Shipping Weight
						80	90	100	120	140		
LPI3C10*-0	3" x 11ga. x 10'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	20.2	15.6	12.28	7.94	5.33	150 lbs.	61 lbs.
LPI3C15*-0	3" x 11ga. x 15'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	11.75	8.68	6.48	3.62	1.9	150 lbs.	85 lbs.
LPI4C10*-0	4" x 11ga. x 10'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	31.2	28.8	22.8	14.98	10.27	150 lbs.	96 lbs.
LPI4C12*-0	4" x 11ga. x 12'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	29.89	22.92	17.94	11.45	7.53	150 lbs.	108 lbs.
LPI4C13*-0	4" x 11ga. x 13'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	27.03	20.61	16.01	10.02	6.41	150 lbs.	114 lbs.
LPI4C14*-0	4" x 11ga. x 14'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	24.54	18.58	14.31	8.76	5.41	150 lbs.	120 lbs.
LPI4C15*-0	4" x 11ga. x 15'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	22.33	16.78	12.81	7.63	4.51	150 lbs.	126 lbs.
LPI4C17*-0	4" x 11ga. x 17'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	18.57	13.69	10.2	5.65	2.91	150 lbs.	138 lbs.
LPI4C18*-0	4" x 11ga. x 18'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	16.75	12.21	8.96	4.73	2.25	150 lbs.	144 lbs.
LPI4C20*-0	4" x 11ga. x 20'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	13.64	9.65	6.8	3.09	0.85	150 lbs.	156 lbs.
LPI4C22*-0	4" x 11ga. x 22'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	11.03	7.5	4.97	1.68	N/A	150 lbs.	168 lbs.
LPI4C23*-0	4" x 11ga. x 23'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	9.87	6.54	4.15	1.04	N/A	150 lbs.	174 lbs.
LPI4C25*-0	4" x 11ga. x 25'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	7.8	4.8	2.65	N/A	N/A	150 lbs.	191 lbs.
LPI4S20*-0	4" x 7ga. x 20'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	21.6	15.64	11.76	6.71	3.66	150 lbs.	222 lbs.
LPI4S22*-0	4" x 7ga. x 22'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	17.85	13.01	9.56	5.05	2.34	150 lbs.	246 lbs.
LPI4S25*-0	4" x 7ga. x 25'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	13.93	9.79	6.83	2.97	0.64	150 lbs.	259 lbs.
LPI5S20*-0	5" x 7ga. x 20'	11" Sq. x 1"	11"/10-12"	1.25"	12.13" Sq. x 6"	38.9	29.39	22.59	13.73	8.38	150 lbs.	304 lbs.
LPI5S22*-0	5" x 7ga. x 22'	11" Sq. x 1"	11"/10-12"	1.25"	12.13" Sq. x 6"	33.32	24.86	18.82	10.94	6.19	150 lbs.	336 lbs.
LPI5S25*-0	5" x 7ga. x 25'	11" Sq. x 1"	11"/10-12"	1.25"	12.13" Sq. x 6"	26.55	19.35	14.19	7.48	3.43	150 lbs.	351 lbs.
LPI5S30*-0	5" x 7ga. x 30'	11" Sq. x 1"	11"/10-12"	1.25"	12.13" Sq. x 6"	18.05	12.33	8.24	2.91	N/A	150 lbs.	422 lbs.
LPI6S30*-0	6" x 7ga. x 30'	12" Sq. x 1"	11.5"/11-12"	1.25"	13.5" Sq. x 5.5"	27.25	19.11	13.59	5.71	1.14	150 lbs.	503 lbs.

* Mounting configuration, fixture mounting drill pattern, color options, and pole options from ordering table on page 1.

NOTE: Hanging signs, banners and flags on poles changes the EPA rating and increases vibration. The EPA ratings data provided does not allow for this added stress which could result in pole or luminaire failure.

This map indicates approximate maximum wind zones throughout the U.S. Base wind velocities are established using a 50-year recurring mean. The EPA rating of the pole must be equal to or greater than that of the luminaire(s), taking into consideration the wind conditions at the job site.



LPI Series Straight Square Steel Poles

Dimensions, EPA & Weight

Pole	Face (A) x Wall (B) x Height (C)	Base Plate (D) x Thickness	Bolt Circle/Range Min (E) - Max (F)	Bolt Hole Size (G)	Base Cover (H) x Height (J)	FBC							Maximum Luminaire Weight	Approx. Shipping Weight
						120	130	140	150	160	170	180		
LPI3C10*-0	3" x 11ga. x 10'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	27.8	23.4	19.9	17.1	14.8	12.9	11.2	150 lbs.	61 lbs.
LPI3C15*-0	3" x 11ga. x 15'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	16.9	14	11.6	9.8	8.2	6.9	5.9	150 lbs.	85 lbs.
LPI4C10*-0	4" x 11ga. x 10'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	31.2	26.2	22.2	19	16.4	14.2	12.2	150 lbs.	96 lbs.
LPI4C12*-0	4" x 11ga. x 12'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	25	20.8	17.5	14.8	12.6	10.8	9.2	150 lbs.	108 lbs.
LPI4C13*-0	4" x 11ga. x 13'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	22.6	18.7	15.6	13.1	11.1	9.4	8	150 lbs.	114 lbs.
LPI4C14*-0	4" x 11ga. x 14'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	20.4	16.8	13.9	11.6	9.7	8.2	6.9	150 lbs.	120 lbs.
LPI4C15*-0	4" x 11ga. x 15'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	18.5	15.1	12.5	10.3	8.5	7.2	5.8	150 lbs.	126 lbs.
LPI4C17*-0	4" x 11ga. x 17'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	14.9	12	9.7	7.8	6.3	5.1	4	150 lbs.	138 lbs.
LPI4C18*-0	4" x 11ga. x 18'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	13.4	10.7	8.5	6.8	5.4	4.2	3.2	150 lbs.	144 lbs.
LPI4C20*-0	4" x 11ga. x 20'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	10.7	8.3	6.5	4.9	3.7	2.6	1.8	150 lbs.	156 lbs.
LPI4C22*-0	4" x 11ga. x 22'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	8.5	6.4	4.7	3.3	2.2	1.3	0.5	150 lbs.	168 lbs.
LPI4C23*-0	4" x 11ga. x 23'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	7.5	5.5	3.9	2.6	1.6	0.7	N/A	150 lbs.	174 lbs.
LPI4C25*-0	4" x 11ga. x 25'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	5.8	3.9	2.5	1.3	0.4	N/A	N/A	150 lbs.	191 lbs.
LPI4S20*-0	4" x 7ga. x 20'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	11.3	8.9	7	5.5	4.3	3.2	2.3	150 lbs.	222 lbs.
LPI4S22*-0	4" x 7ga. x 22'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	9.1	7	5.3	4	2.9	1.9	1.2	150 lbs.	246 lbs.
LPI4S25*-0	4" x 7ga. x 25'	8" Sq. x 0.75"	8.5"/8-9"	1"	9.88" Sq. x 5.25"	6.4	4.6	3.2	2	1.1	N/A	N/A	150 lbs.	259 lbs.
LPI5S20*-0	5" x 7ga. x 20'	11" Sq. x 1"	11"/10-12"	1.25"	12.13" Sq. x 6"	33.3	27.5	22.8	19	16	13.4	11.3	150 lbs.	304 lbs.
LPI5S22*-0	5" x 7ga. x 22'	11" Sq. x 1"	11"/10-12"	1.25"	12.13" Sq. x 6"	28.5	23.2	19.1	15.7	13	10.7	8.8	150 lbs.	336 lbs.
LPI5S25*-0	5" x 7ga. x 25'	11" Sq. x 1"	11"/10-12"	1.25"	12.13" Sq. x 6"	22.5	18.1	14.5	11.6	9.3	7.3	5.7	150 lbs.	351 lbs.
LPI5S30*-0	5" x 7ga. x 30'	11" Sq. x 1"	11"/10-12"	1.25"	12.13" Sq. x 6"	15.2	11.5	8.7	6.4	4.5	2.9	1.6	150 lbs.	422 lbs.
LPI6S30*-0	6" x 7ga. x 30'	12" Sq. x 1"	11.5"/11-12"	1.25"	13.5" Sq. x 5.5"	14	10.2	7.2	4.8	2.8	1.2	N/A	150 lbs.	503 lbs.

* Mounting configuration, fixture mounting drill pattern, color options, and pole options from ordering table on page 1.
 NOTE: Hanging signs, banners and flags on poles changes the EPA rating and increases vibration. The EPA ratings data provided does not allow for this added stress which could result in pole or luminaire failure.

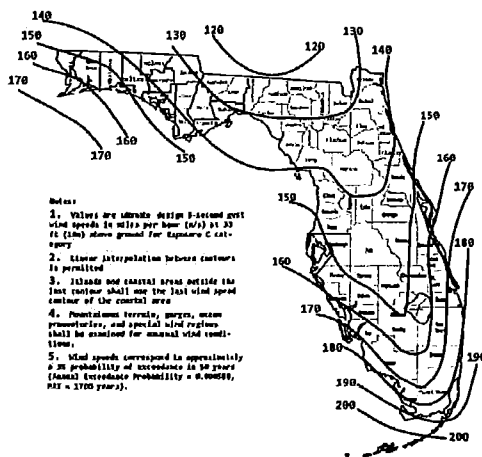


FIGURE 1609.3(2)
 ULTIMATE DESIGN WIND SPEEDS, V_{ULT} , FOR RISK CATEGORY III BUILDINGS AND OTHER STRUCTURES

CREE ⇄ **LIGHTING**

A COMPANY OF IDEAL INDUSTRIES, INC.

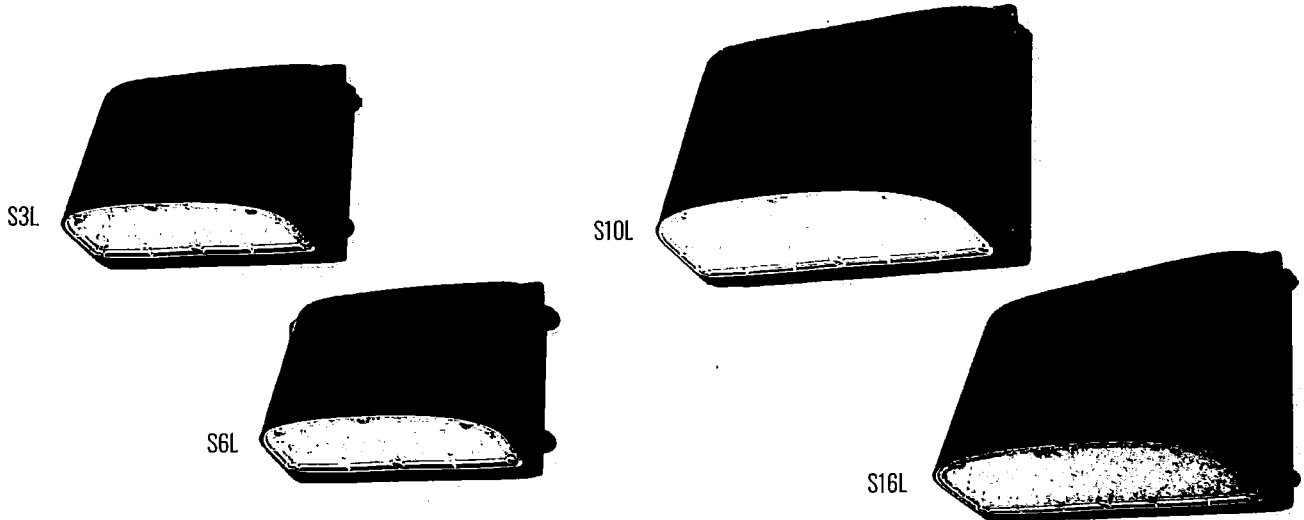
© 2022 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. Patent www.creeighting.com/patents. Cree® and the Cree Lighting logo are registered trademarks of Cree, Inc. THE EDGE® and C-Lite® are registered trademarks, and OSQ™ is a trademark of Cree Lighting, A company of IDEAL INDUSTRIES. The UL logo is a registered trademark of UL LLC.

US: creeighting.com (800) 236-6800
 Canada: creeighting-canada.com (800) 473-1234

C-WP-C-RDC Series

Cutoff LED Wall Pack | Field Selectable CCT & Wattage

Replaces up to 400W MH



UNLEASH VERSATILITY AND RELIABILITY

Illuminate your outdoor spaces with the exceptional performance and flexibility of our Cutoff LED Wall Pack. Designed to exceed expectations, this cutting-edge fixture combines field selectable wattage, CCT selection of 3000K, 4000K, or 5000K, and robust surge protection to safeguard against power surges. Tailor the brightness of your space to perfection with the field selectable wattage feature, allowing you to adjust the lighting output according to your specific requirements. Enjoy enhanced energy efficiency without compromising on illumination quality. Always backed by our standard 5-year warranty, this cULus Listed fixture is the perfect solution for a wide range of outdoor applications.

PRODUCT SPECIFICATIONS

OVERVIEW

- Initial Delivered Lumens: Up to 3300 Lumens (**S3L**), Up to 6000 Lumens (**S6L**), Up to 10,000 Lumens (**S10L**), Up to 16,000 Lumens (**S16L**)
- CRI: ≥ 70
- CCT: Field Selectable (3000K/4000K/5000K)
- Max. Input Power: 23W (**S3L**), 42W (**S6L**), 72W (**S10L**), 110W (**S16L**)
- Operating Temperature Range: -40°F to 104°F (-40°C to 40°C)
- Replaces: 100W PSMH (**S3L**), 175W MH (**S6L**), 250W PSMH (**S10L**), 400W MH (**S16L**),
- Estimated L70 Lifetime @ 25°C: > 97,000 hours
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Limited Warranty: 5-Year*

FEATURES	RECOMMENDED USE	INPUT VOLTAGE
<ul style="list-style-type: none"> FCC Part 15, Subpart B, Class B limits for conducted and radiated emissions 3000K, 4000K or 5000K color temperature options 4kV surge protection 	<ul style="list-style-type: none"> Security Perimeter Commercial 	<ul style="list-style-type: none"> Universal (120V through 277V Operation)

CERTIFICATIONS:



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

Rev. Date: 07/24/2023

For informational purposes only. Content is subject to change. *See creelighting.com/resources/warranties

C-WP-C-RDC Series

ORDERING INFORMATION

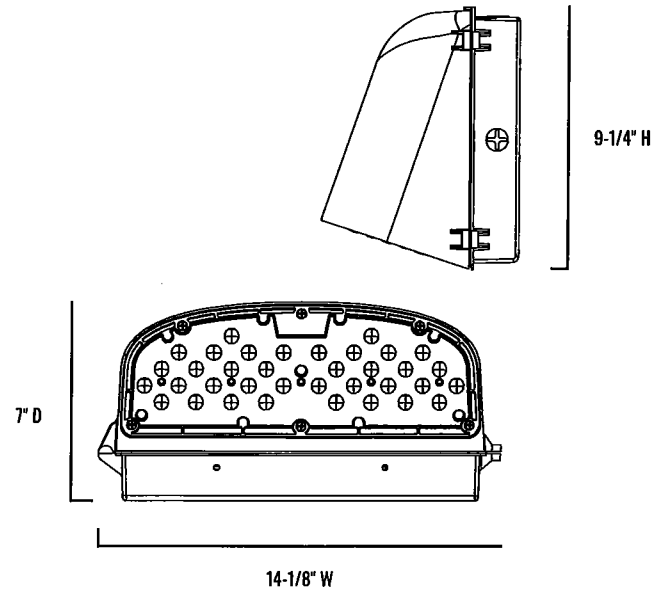
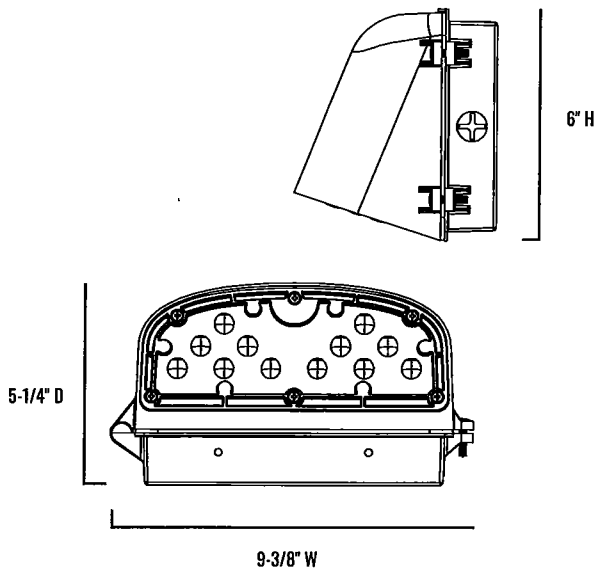
Example SKU: C-WP-C-RDC-S3L-SCCT-DB

C-WP	C	RDC		SCCT	DB
PRODUCT	SERIES	TYPE	LUMEN PACKAGE*	FIELD SELECTABLE CCT	HOUSING COLOR
C-WP	C	RDC Round Cutoff	S3L Up to 3300 Lumens (Max Input 23W) S6L Up to 6000 Lumens (Max Input 42W) S10L Up to 10,000 Lumens (Max Input 72W) S16L Up to 16,000 Lumens (Max Input 110W)	SCCT Warm White (3000K) Neutral White (4000K)* Cool White (5000K)	DB Dark Bronze

*Default settings at time of shipping are highest product wattage and 4000K. Lumen output at full power at 4000K.

S3L & S6L

S10L & S16L



SERIES OVERVIEW

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	SPACING
9-3/8" W x 5-1/4" D x 6" H (S3L & S6L)	3 lbs.	10-15 feet	2 to 3 times the mounting height
14-1/8" W x 7" D x 9-1/4" H (S10L & S16L)	5.6 lbs.		

C-WP-C-RDC Series

FIXTURE SPECIFICATIONS

HOUSING	Heavy duty die-cast aluminum with a durable powder coat dark bronze finish.
LENS ASSEMBLY	Integrated UV stabilized polycarbonate lens is designed to control the light and offer the most efficiency.
MOUNTING	1/2-inch threaded knockouts provided for conduit entry or mount over a recessed J-box. Knockouts are located on both sides and the top of the back box.

ELECTRICAL PERFORMANCE

OPERATING TEMPERATURE RANGE	ESTIMATED L₇₀ LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION
-40°F to 104°F (-40°C to 40°C)	> 97,000 Hours	> 0.9 at full load	< 20% at full load

LUMEN PACKAGE*	REPLACES	INITIAL DELIVERED LUMENS & BUG RATINGS PER TM-15-20				SYSTEM WATTS	CURRENT DRAW (AMPS)			
		3000K/5000K	BUG RATINGS*	4000K	BUG RATINGS*		120V	208V	240V	277V
S3L	100W PSMH	3000	B1-U0-G1	3300	B1-U0-G1	23W	0.19	0.11	0.10	0.08
		2430		2670		19W	0.16	0.09	0.08	0.07
		1650	B1-U0-G0	1820		12W	0.10	0.06	0.05	0.04
S6L	175W MH	5500	B2-U0-G1	6000	B2-U0-G1	42W	0.35	0.20	0.18	0.15
		4330	B1-U0-G1	4760		32W	0.27	0.15	0.13	0.12
		2950			3250	B1-U0-G1	21W	0.18	0.10	0.09
S10L	250W PSMH	9125	B2-U0-G2	10,000	B2-U0-G2	72W	0.60	0.35	0.30	0.26
		6950	B2-U0-G1	7650	B2-U0-G1	54W	0.45	0.26	0.23	0.19
		4730	B1-U0-G1	5200		35W	0.29	0.17	0.15	0.13
S16L	400W MH	14,675	B3-U0-G2	16,000	B3-U0-G2	110W	0.92	0.53	0.46	0.40
		11,550		12,700		87W	0.73	0.42	0.36	0.31
		7900	B2-U0-G1	8700	B2-U0-G1	57W	0.48	0.27	0.24	0.21

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

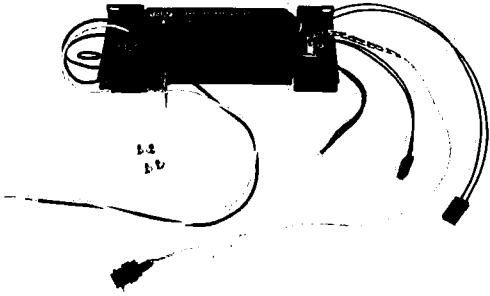
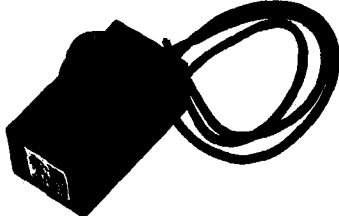
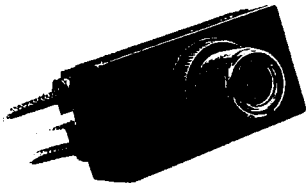
* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt.

WARRANTY AND CERTIFICATIONS

WARRANTY	cULus LISTED	DLC
5-Year Limited*	Wet Locations	5.1 Premium Refer to https://www.designlights.org/search/ for most current information.

C-WP-C-RDC Series

ACCESSORIES (SOLD SEPARATELY)

	<p>8W EMERGENCY BATTERY BACKUP KIT</p> <p>SKU: C-ACC-EB-8W-KIT-UL</p> <p>USE: Install the EM driver and EM battery kit inside the back box by following instruction sheet provided. Quick connectors have been added where possible, to help make installation easy. Provides 90 minutes and a minimum of 1010 lumens in Emergency Backup (EB) mode. 1010 - 1240 lumens based on efficacy of different lumen packages. Operating temperature: 32°F to 104°F (0°C to 40°C)</p> <p>*NOTE: Not compatible with S3L and S6L lumen packages.</p>
	<p>UNIVERSAL BUTTON PHOTOCELL (120V-277V)</p> <p>SKU: CCR-PHC-0306-GC</p> <p>USE: Photocell is field installed and drilling of the back box is required. 500W Max.</p>
	<p>UNIVERSAL BUTTON PHOTOCELL (120V-277V)</p> <p>SKU: JL-423CZ</p> <p>USE: Photocell is field installed and drilling of the back box is required. 1000W Max.</p>

© 2023 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. Patent www.creelighting.com/patents. C-Lite and the C-Lite logo are registered trademarks of Cree Lighting. Due to continuous product improvement, information in this document is subject to change. The cULus logo is a registered trademark of UL LLC. The DLC QPL logo and the DLC QPL Premium logo are registered trademarks of Efficiency Forward, Inc.

US: creelighting.com, e-conolight.com

Distribution/Sales: 855-617-2733 **Customer Service:** 888-243-9445

Rev. Date: 07/24/2023

For informational purposes only. Content is subject to change. *See creelighting.com/resources/warranties

C-LITE
LED LIGHTING



a **NUCOR** company

Wall Systems

www.nucorbuildingsystems.com

Nucor Classic Wall™



Nucor Reverse Classic Wall™



Nucor Accent wall™



SP Cool Coatings

This cool silicone-polyester paint system utilizes a two-coat system that offers superior quality and durability.



*This SP Cool Coating System has been tested. The colorfastness and durability of this system is dependent on the substrate, weather, and installation. These color swatches are not color fast. The colorfastness of this system is dependent on the substrate, weather, and installation. These color swatches are not color fast. The colorfastness of this system is dependent on the substrate, weather, and installation. These color swatches are not color fast.

PVDF Cool Coatings

PVDF utilizes a two-coat system featuring fade resistant color, incredible durability, and environmentally friendly "cool" technology.



*This PVDF Cool Coating System has been tested. The colorfastness and durability of this system is dependent on the substrate, weather, and installation. These color swatches are not color fast. The colorfastness of this system is dependent on the substrate, weather, and installation. These color swatches are not color fast.

