

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 8-4-25 11:35a.m.

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 txhais lus, tus neeg txhais 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): 139 West Wilson Street

Title: _____

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

UDC meeting date requested October 22 2025

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 Douglas Pahl, AIA

Company Aro Eberle Architects

Street address 433 West Washington Ave

City/State/Zip Madison, WI 53703

Telephone 608-204-7464

Email pahl@aroeberle.com

Project contact person Same as Applicant

Company _____

Street address _____

City/State/Zip _____

Telephone _____

Email _____

Property owner (if not applicant) 139 Wilson LLC

Street address 139 W Wilson Street

City/State/Zip Madison, WI 53706

Telephone _____

Email Info@mcbridecompanies.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

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 05/19/2025.
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 Douglas Pahl, AIA Relationship to property Architect

Authorizing signature of property owner Phil K Hees Date 08/04/2025

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

LETTER OF INTENT

City of Madison Plan Commission
10/13/2025

PROJECT BACKGROUND

This project proposes to provide affordable housing for those that wish to live in Downtown Madison, taking full advantage of proximity to endless options for dining, recreation, shopping, work and transportation.

The proposed redevelopment of 139 West Wilson demolishes a low-density mixed-use building and off-street parking lot to create 320 new residential units (unit mix: 316 one-bedroom; 4 two bedroom).

The development is located within the UMX district, is within the Capitol View Preservation area, and is subject to the City of Madison Downtown Urban Design Guidelines. The project requires a conditional use permit for the quantity of residential units, the project size (exceeding 20,000 SF), and for the approval of the penthouse enclosing the elevator overrun and roof access stair exceeding the Capital View Preservation height limit.

PROJECT UPDATE

The project has been before the UDC several times under a previous application. Our previous application period expired, and we are resubmitting the project for further review. Our team has met with City staff, including Colin Punt (Planning), Jessica Vaughn (UDC) and Jacob Moskowitz (Zoning) to review the project and discuss the roadblocks that had faced the project. We also reviewed the project with the UDC at an informational presentation on June 11th, 2025, the Capitol Neighborhood committee on September 11th, 2025 and the Neighborhood Steering Committee on September 24th.

Our team has made updates to the building site, architecture, material application and more based on the feedback received through these interactions, and we believe the wishes of these agencies and commissions will be met.

Changes include:

- Relocation of all mechanical louvers off of primary façades facing John Nolen Drive and Wilson Street frontages
- Reconsideration of the expression of base and top of building
- Re-organization of fenestration on East and West Facades to provide better visual organization and readings of the architectural rhythm
- Options for entry feature height and materiality

- The two options are being submitted for UDC input and selection of a single option to carry through final design.
- Improvements to courtyard design to promote user access and provide visual connection to lakefront as well as accommodate drop-off and delivery traffic safely.
 - This involves converting the parking spaces for car-share to a flexible loading zone, moving the car-share program to a nearby parking ramp.
- Employment of colorful acrylic patterning to loading zone to promote safety and calm traffic
- Added green roofing for stormwater management per new city standards

We look forward to further discussion of the project and are happy to provide any further information or materials upon request.

PROJECT DATA

Lot Area: 17,193 SF / .395 Acres

Dwelling Units: 320

Lot Area/DU: 53.7 SF

Building Footprint: 9692 SF

Lot Coverage: 12,128 / 70.4%

Gross Square Footage: 157,292 GSF

Number of Stories: 16

Major Building Height: 163.75'

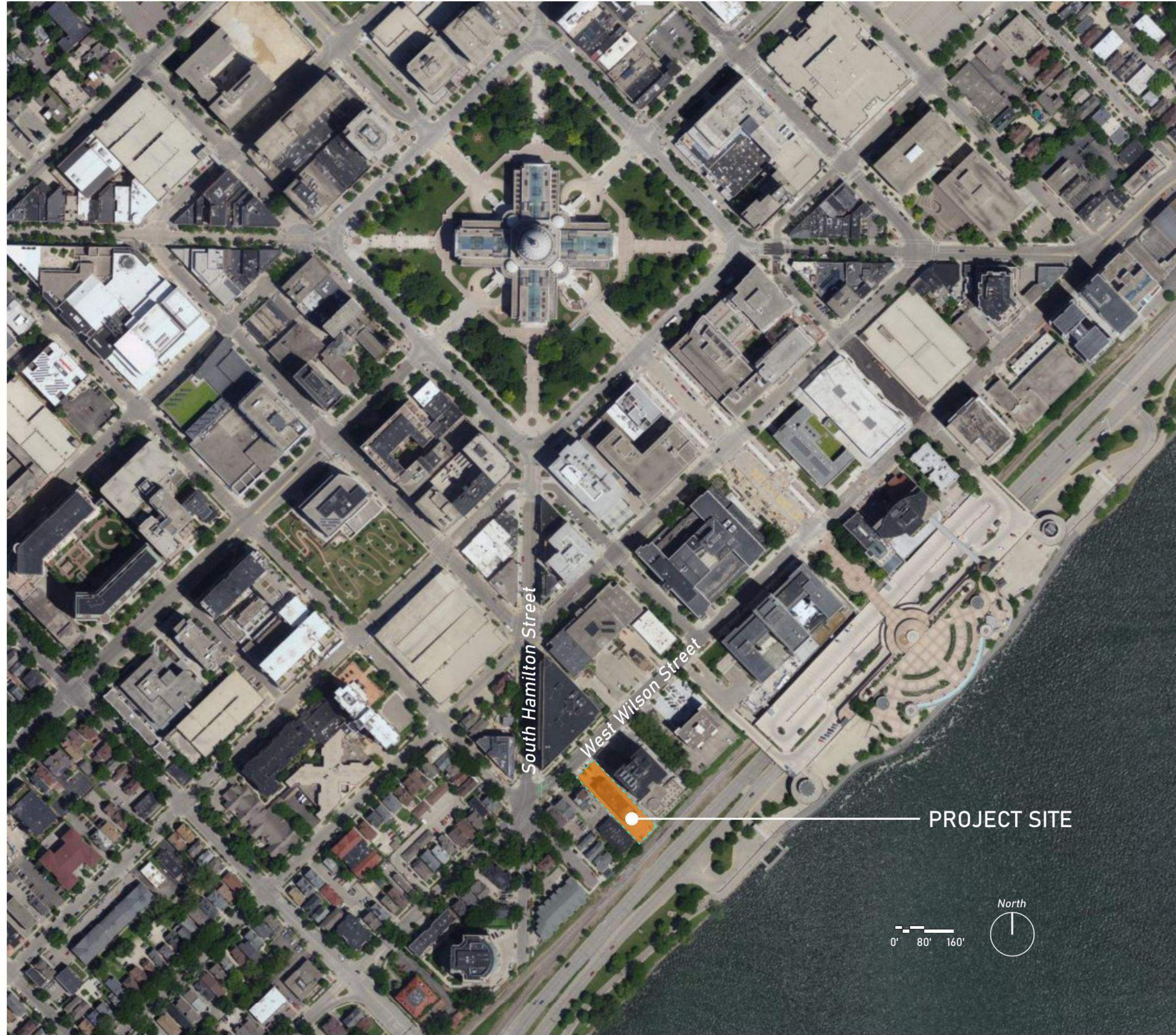
Max Building Height: 164.05'

Sincerely,

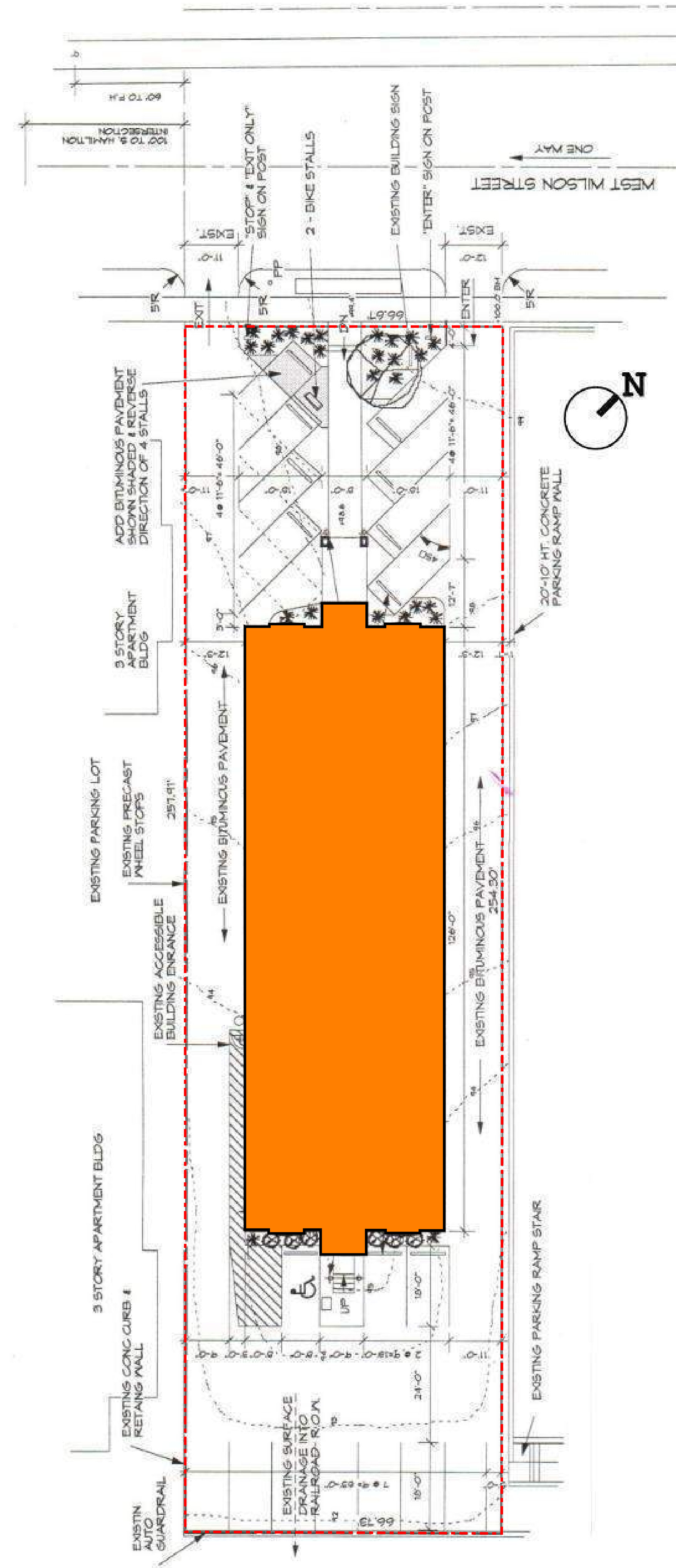


Douglas Pahl, AIA

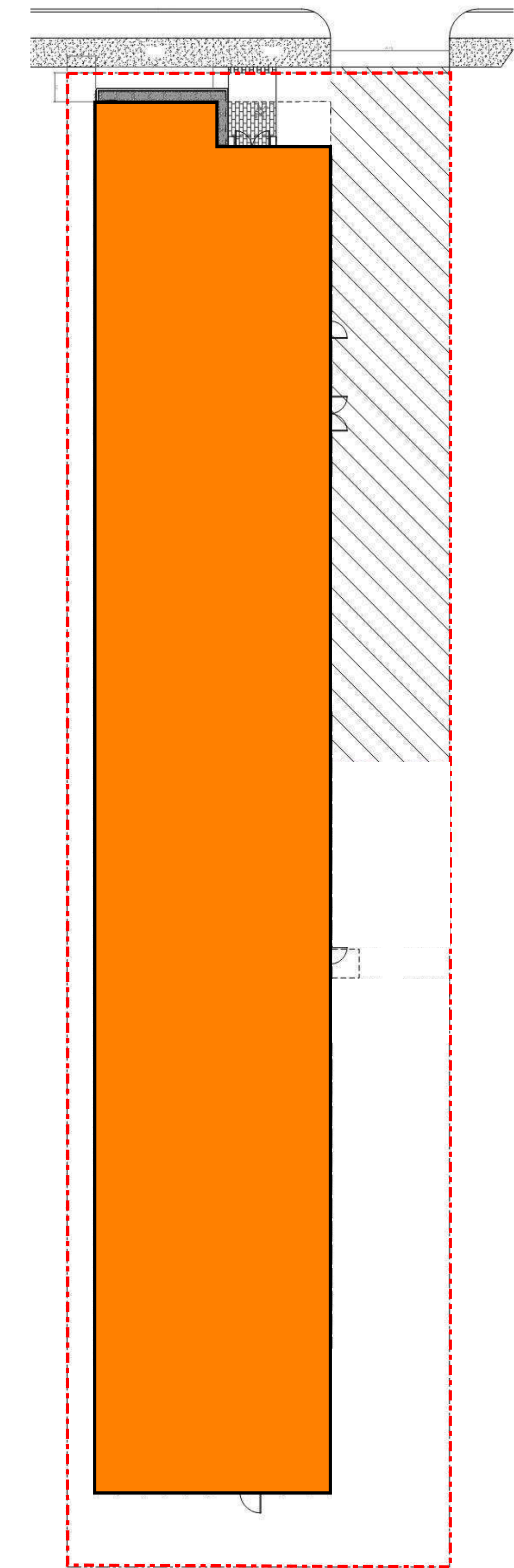
Aro Eberle Architects, Inc.



SITE LOCATION MAP



EXISTING BUILDING ON SITE



PROPOSED BUILDING ON SITE

No.	Description	Date

TORQUE COMPANIES

139 W. WILSON

Enter address here
Location Map

Project Status	Project Number
Date	Issue Date

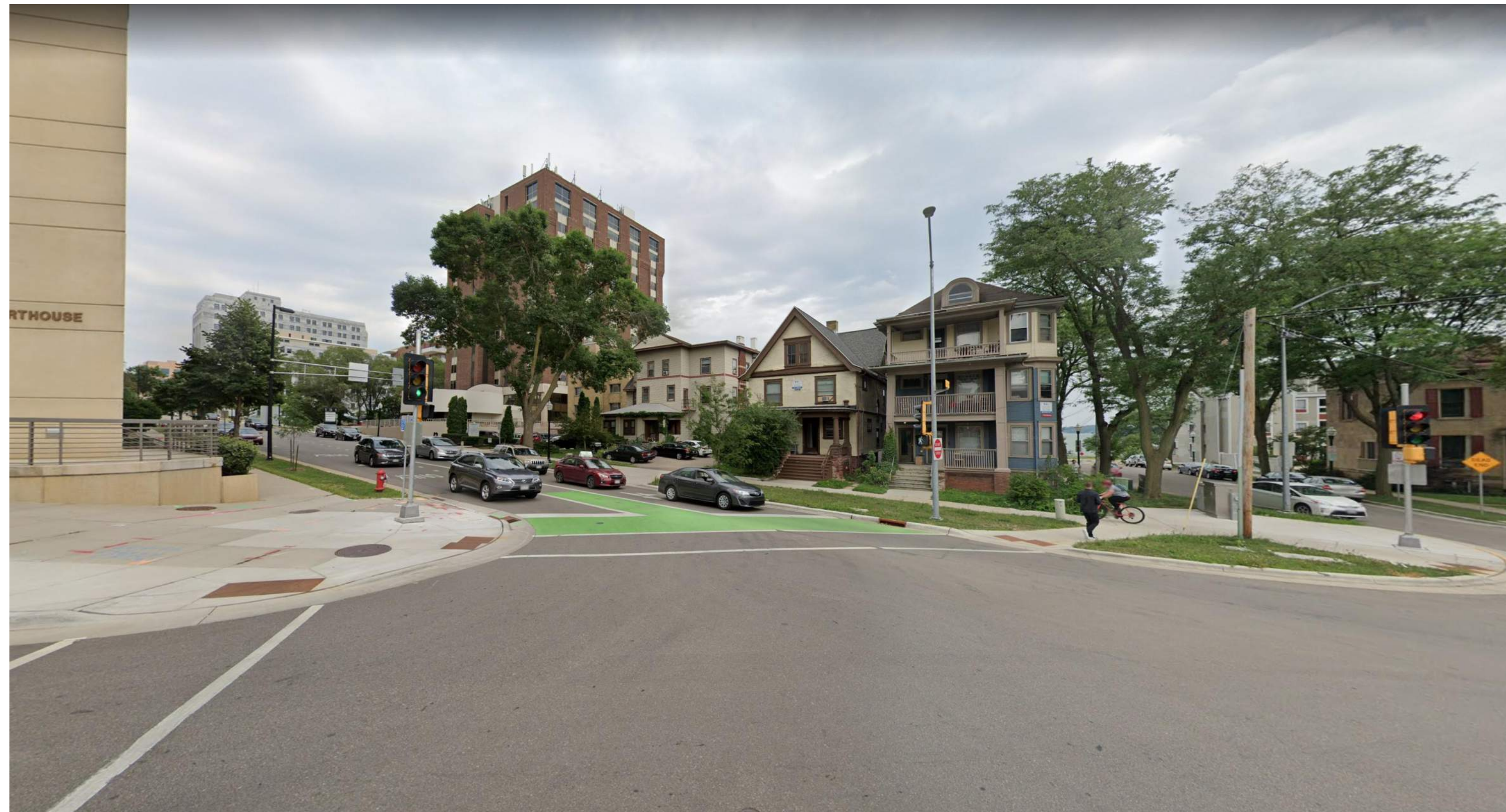
A001



VIEW NE ALONG WILSON STREET



VIEW NE ALONG WILSON STREET



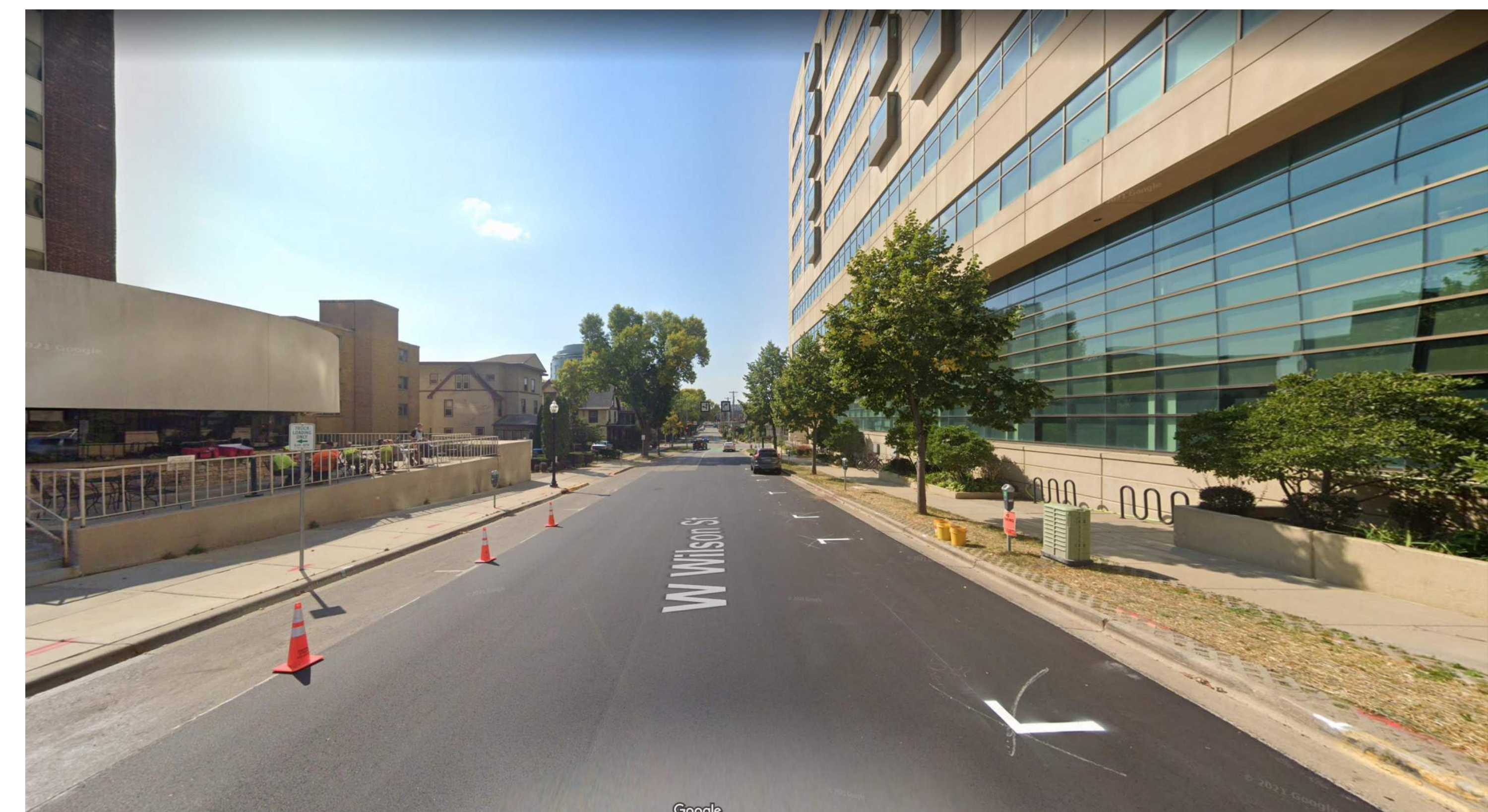
VIEW SOUTH ONTO WILSON FROM WILSON AND HAMILTON



VIEW LOOKING SW ALONG WILSON STREET



VIEW LOOKING NORTH AT HAMILTON STREET



VIEW LOOKING SW ALONG WILSON STREET

No.	Description	Date

TORQUE COMPANIES

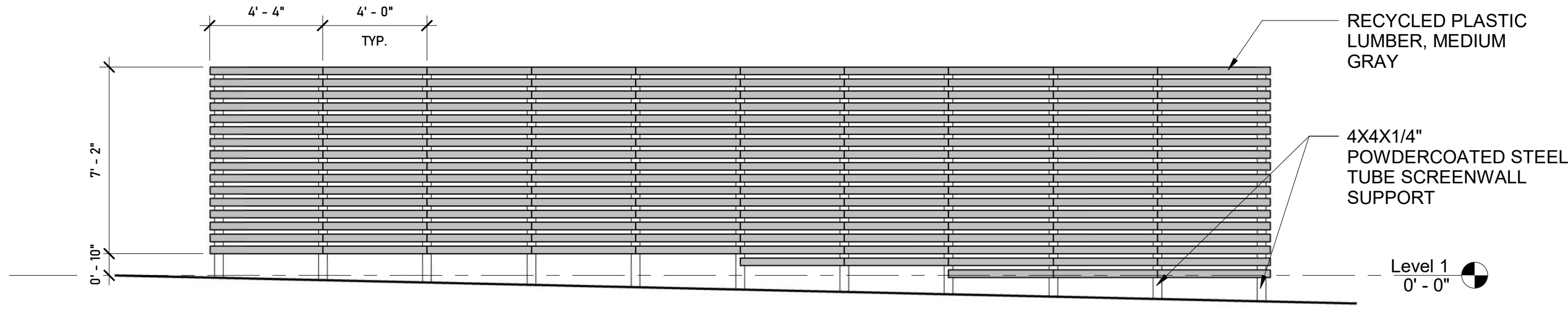
139 W. WILSON

Enter address here

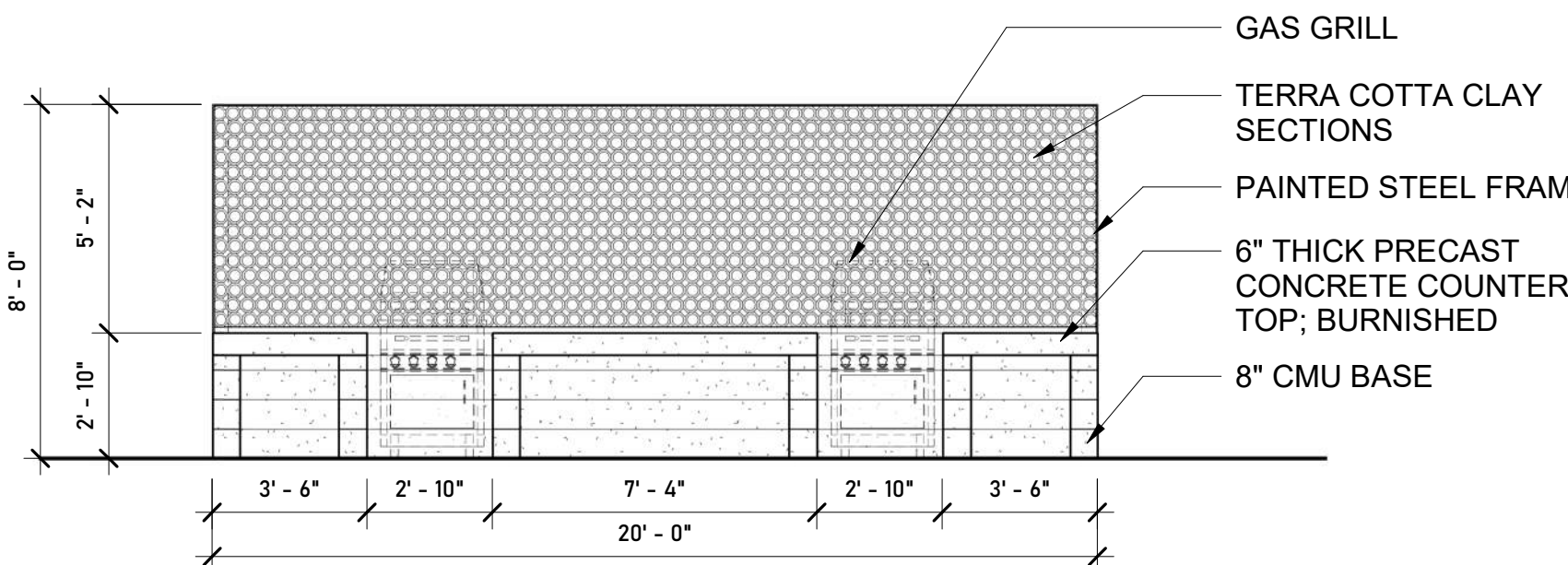
Context Photos

Project Status	Project Number
Project number	Project Number
Date	Issue Date

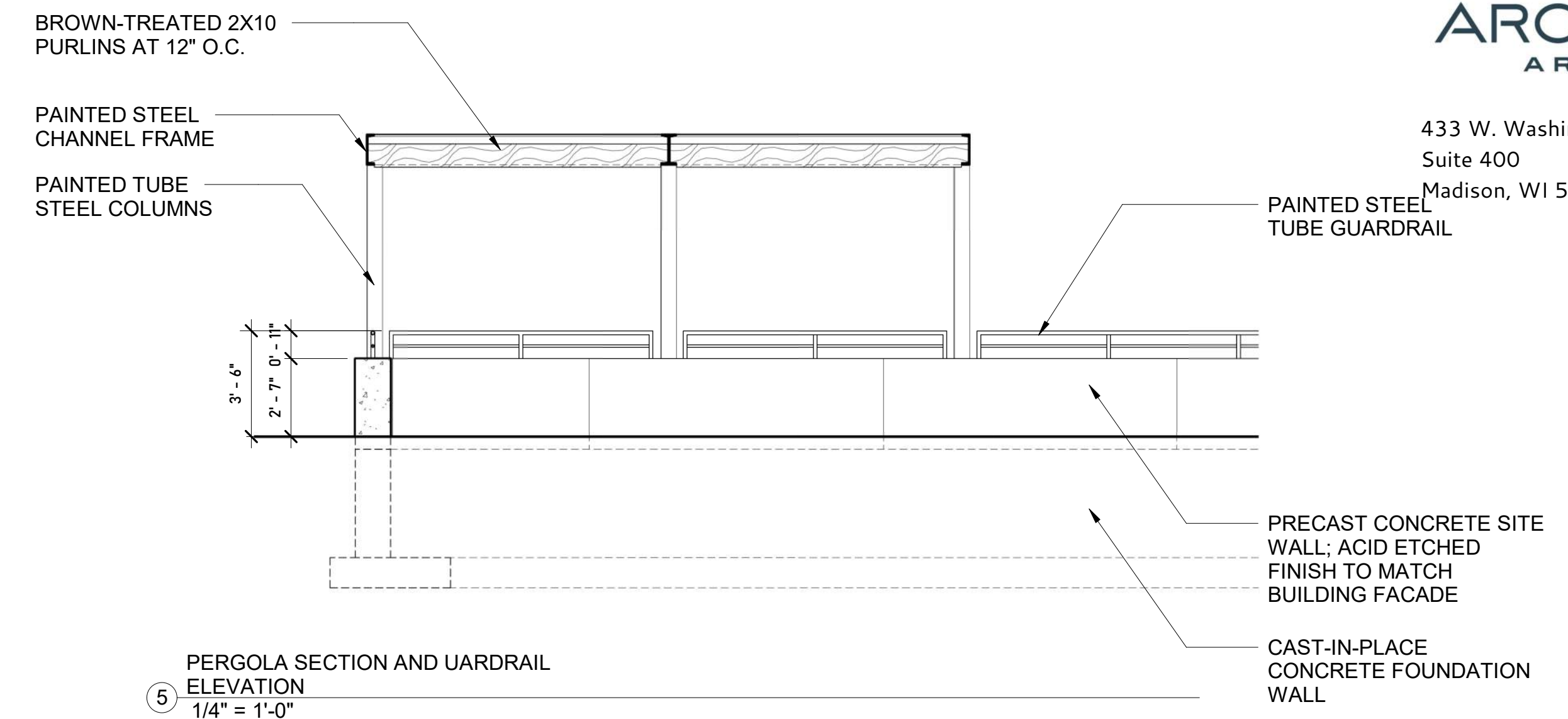
A002



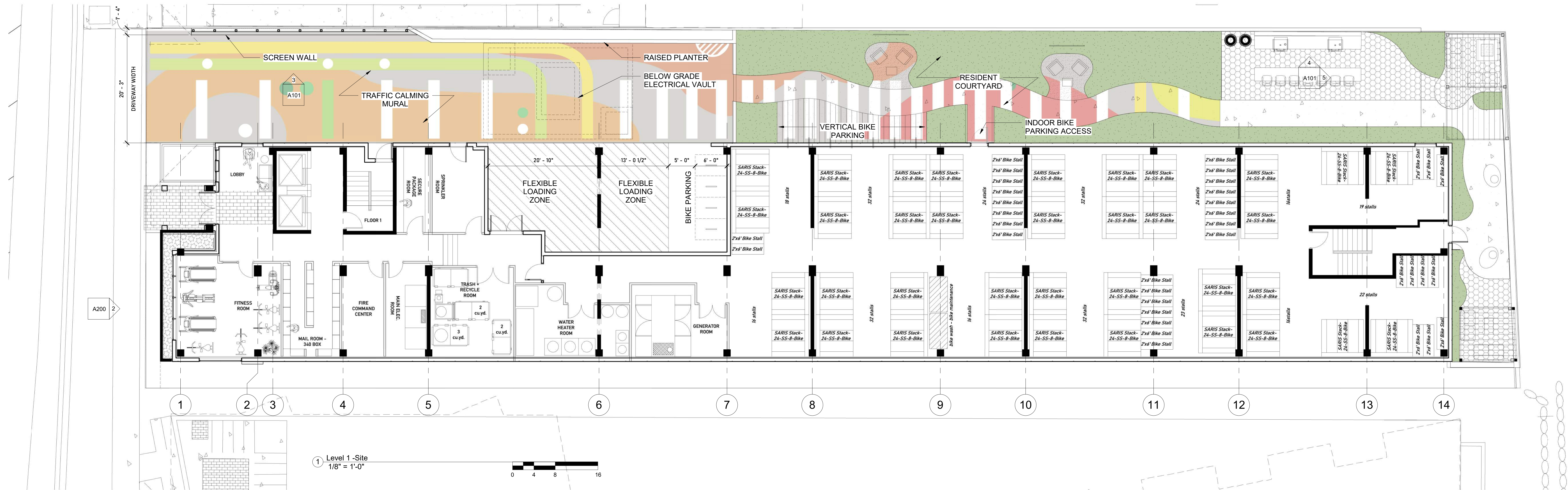
③ SCREEN WALL
1/4" = 1'-0"



④ GRILL STATION
1/4" = 1'-0"

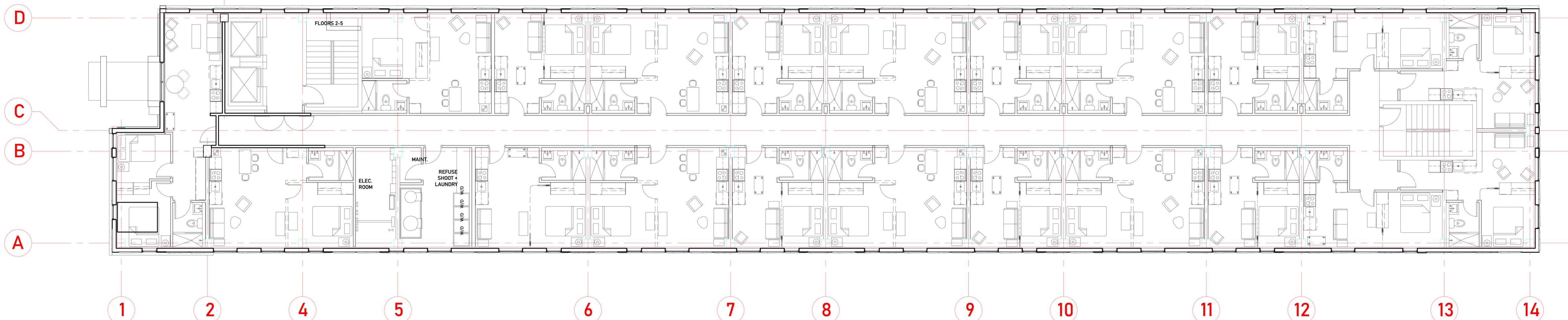


⑤ PERGOLA SECTION AND UARDRAIL
ELEVATION
1/4" = 1'-0"



① Level 1 -Site
1/8" = 1'-0"

③



② Levels 2-4
1/8" = 1'-0"

No.	Description	Date

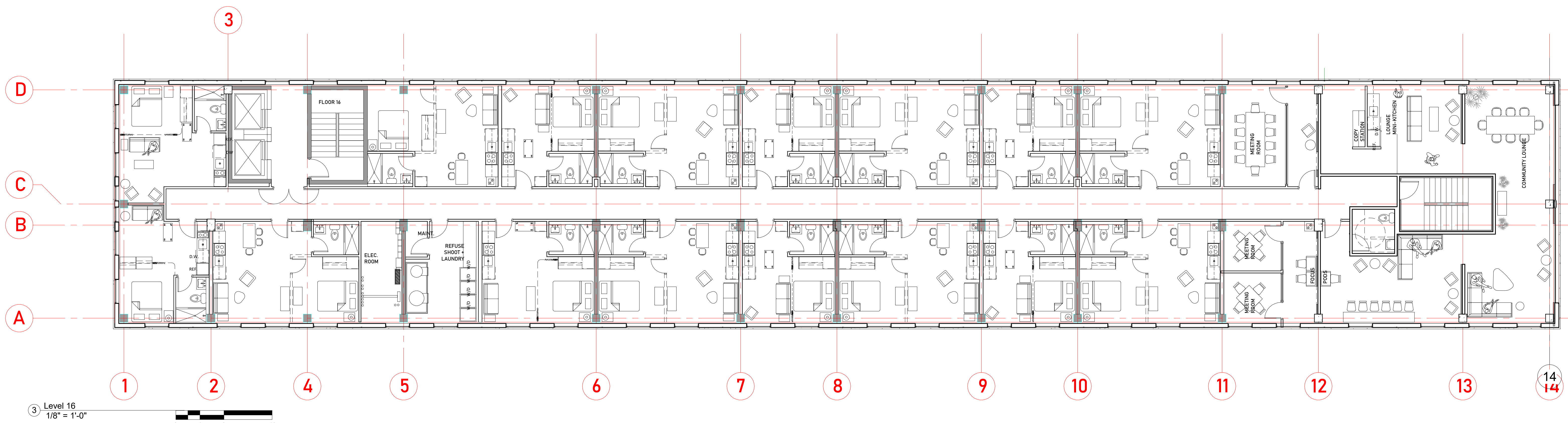
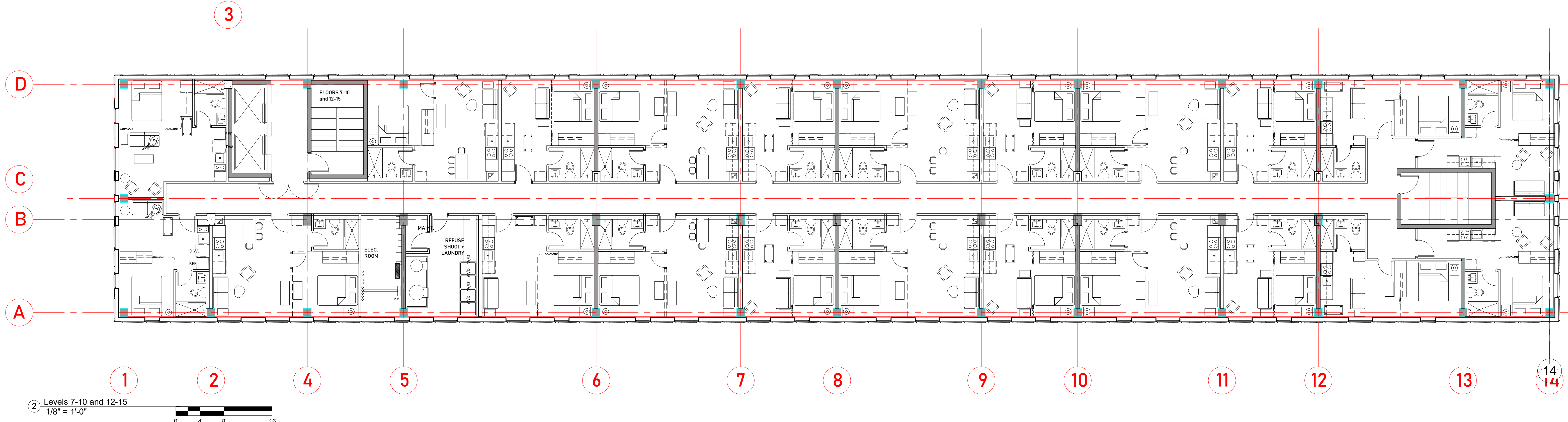
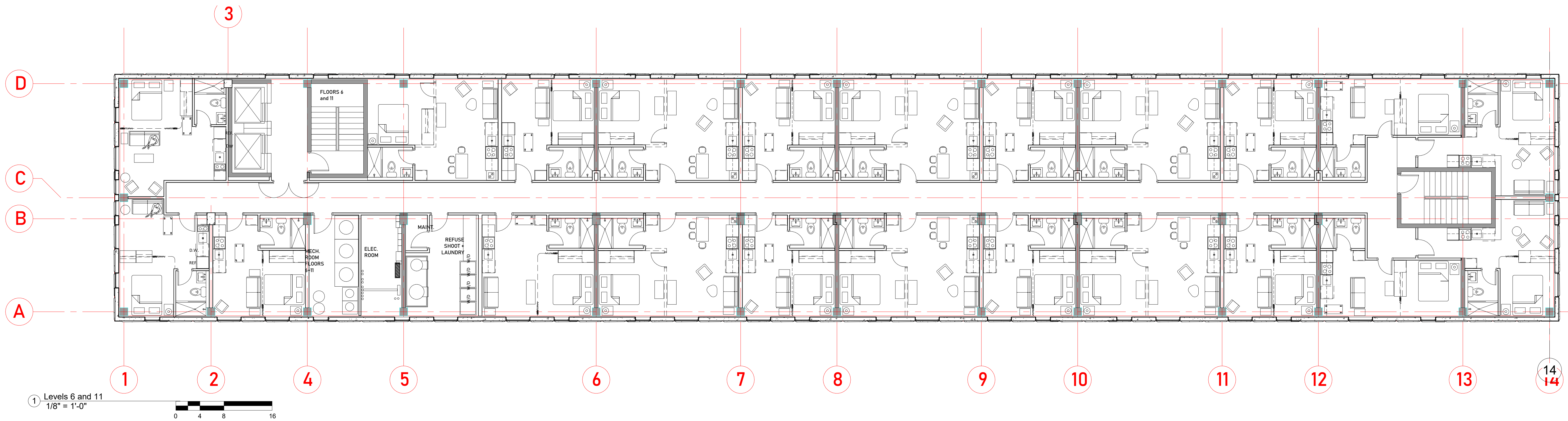
TORQUE COMPANIES

139 W. WILSON

Enter address here
SITE PLAN, SITE DETAILS AND FLOOR PLANS

Project Status	
Project number	Project Number
Date	Issue Date

A101



No.	Description	Date

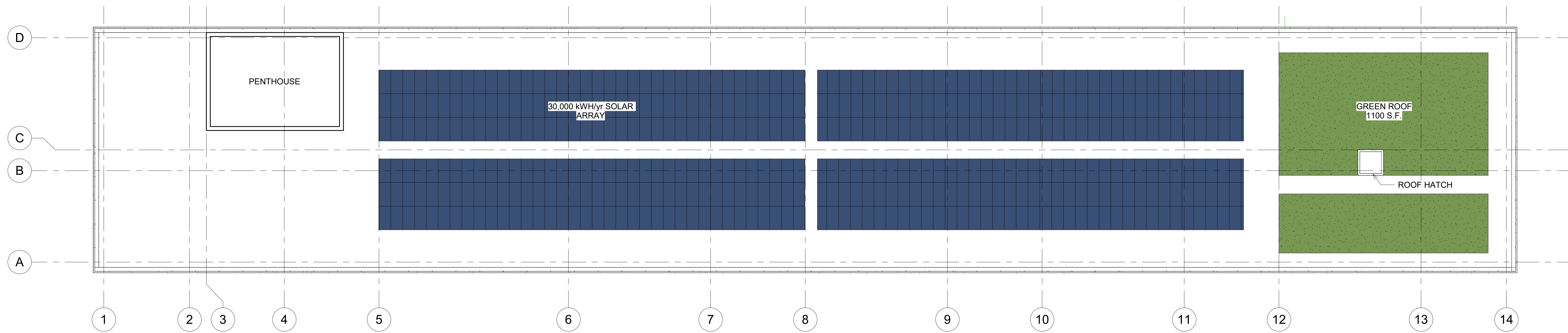
TORQUE COMPANIES

139 W. WILSON

Enter address here
FLOOR PLANS

Project Status	Project Number
Project number	Project Number
Date	Issue Date

A102



1 ROOF PLAN
1/8" = 1'-0"



No.	Description	Date

TORQUE COMPANIES

139 W. WILSON

Enter address here

Roof Plan

Project Status	Project Number	Issue Date

A103

micro C



micro B



micro A



No.	Description	Date

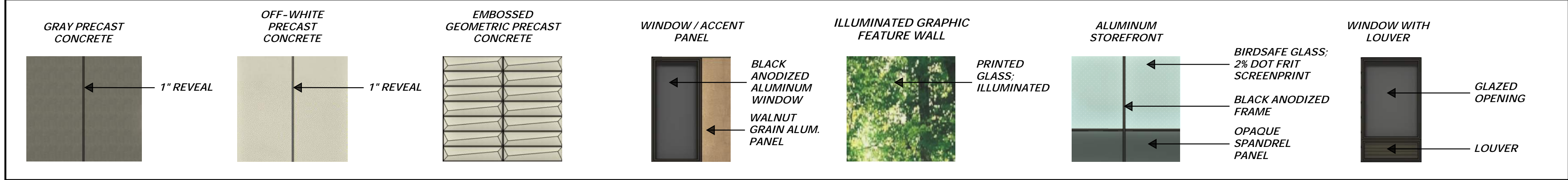
TORQUE COMPANIES

139 W. WILSON

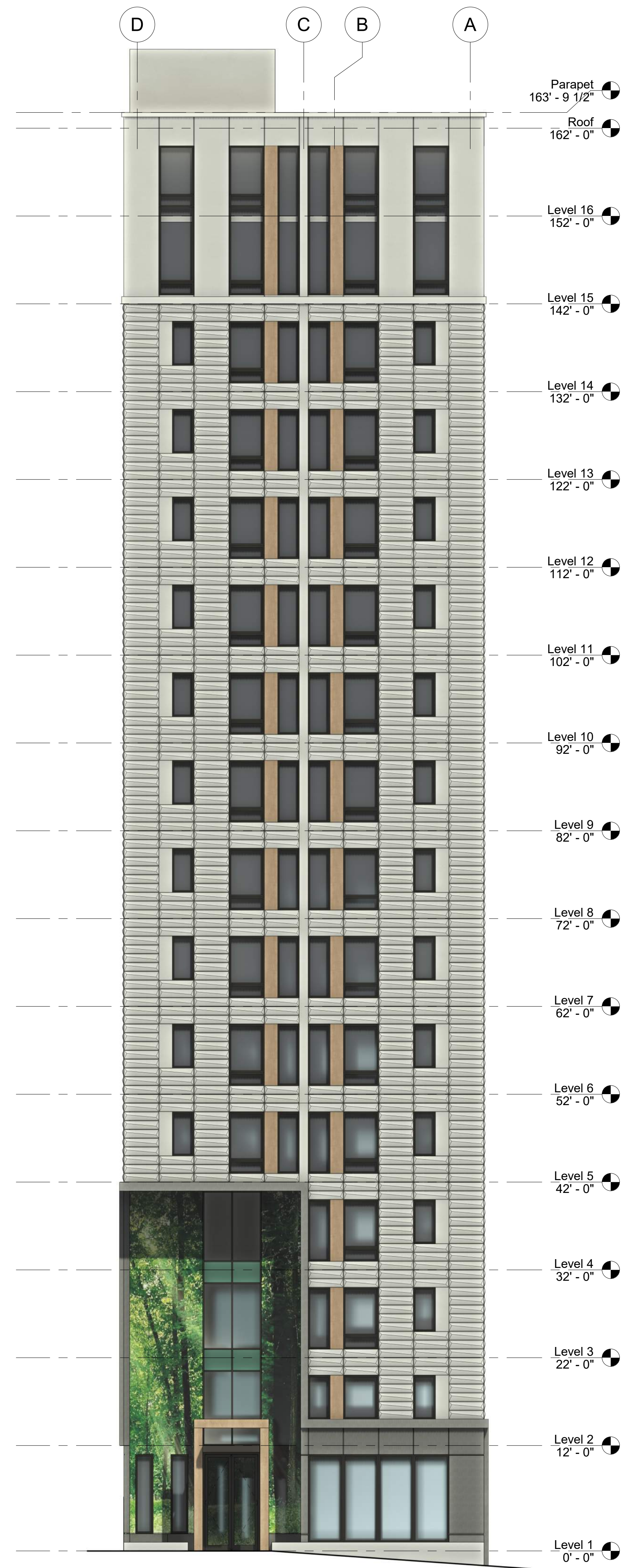
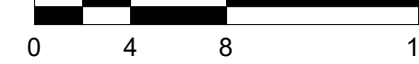
Enter address here
UNIT PLAN TYPICALS

Project Status	Project Number	Project Number
Date		Issue Date

MATERIALS LEGEND



① South
1/8" = 1'-0"



② North
1/8" = 1'-0"



No.	Description	Date

TORQUE COMPANIES

139 W. WILSON

Enter address here

North & South Elevations

Project Status	Project Number	Project Number

A200

MATERIALS LEGEND

- GRAY PRECAST CONCRETE (1" REVEAL)
- OFF-WHITE PRECAST CONCRETE (1" REVEAL)
- EMBOSSED GEOMETRIC PRECAST CONCRETE
- WINDOW / ACCENT PANEL (BLACK ANODIZED ALUMINUM WINDOW, WALNUT GRAIN ALUM. PANEL)
- ILLUMINATED GRAPHIC FEATURE WALL (PRINTED GLASS: ILLUMINATED)
- ALUMINUM STOREFRONT (BIRDSAFE GLASS: 2% DOT FRIT SCREENPRINT, BLACK ANODIZED FRAME, OPAQUE SPANDREL PANEL)
- WINDOW WITH LOUVER (GLAZED OPENING, LOUVER)



- Parapet 163' - 9 1/2"
- Roof 162' - 0"
- Level 16 152' - 0"
- Level 15 142' - 0"
- Level 14 132' - 0"
- Level 13 122' - 0"
- Level 12 112' - 0"
- Level 11 102' - 0"
- Level 10 92' - 0"
- Level 9 82' - 0"
- Level 8 72' - 0"
- Level 7 62' - 0"
- Level 6 52' - 0"
- Level 5 42' - 0"
- Level 4 32' - 0"
- Level 3 22' - 0"
- Level 2 12' - 0"
- Level 1 0' - 0"

No.	Description	Date

TORQUE COMPANIES
139 W. WILSON
Enter address here
East Elevation

Project Status	Project Number
Project number	Project Number
Date	Issue Date

A201



- Parapet 163' - 9 1/2"
- Roof 162' - 0"
- Level 16 152' - 0"
- Level 15 142' - 0"
- Level 14 132' - 0"
- Level 13 122' - 0"
- Level 12 112' - 0"
- Level 11 102' - 0"
- Level 10 92' - 0"
- Level 9 82' - 0"
- Level 8 72' - 0"
- Level 7 62' - 0"
- Level 6 52' - 0"
- Level 5 42' - 0"
- Level 4 32' - 0"
- Level 3 22' - 0"
- Level 2 12' - 0"
- Level 1 0' - 0"

No.	Description	Date

TORQUE COMPANIES
139 W. WILSON
Enter address here
West Elevation

Project Status	
Project number	Project Number
Date	Issue Date

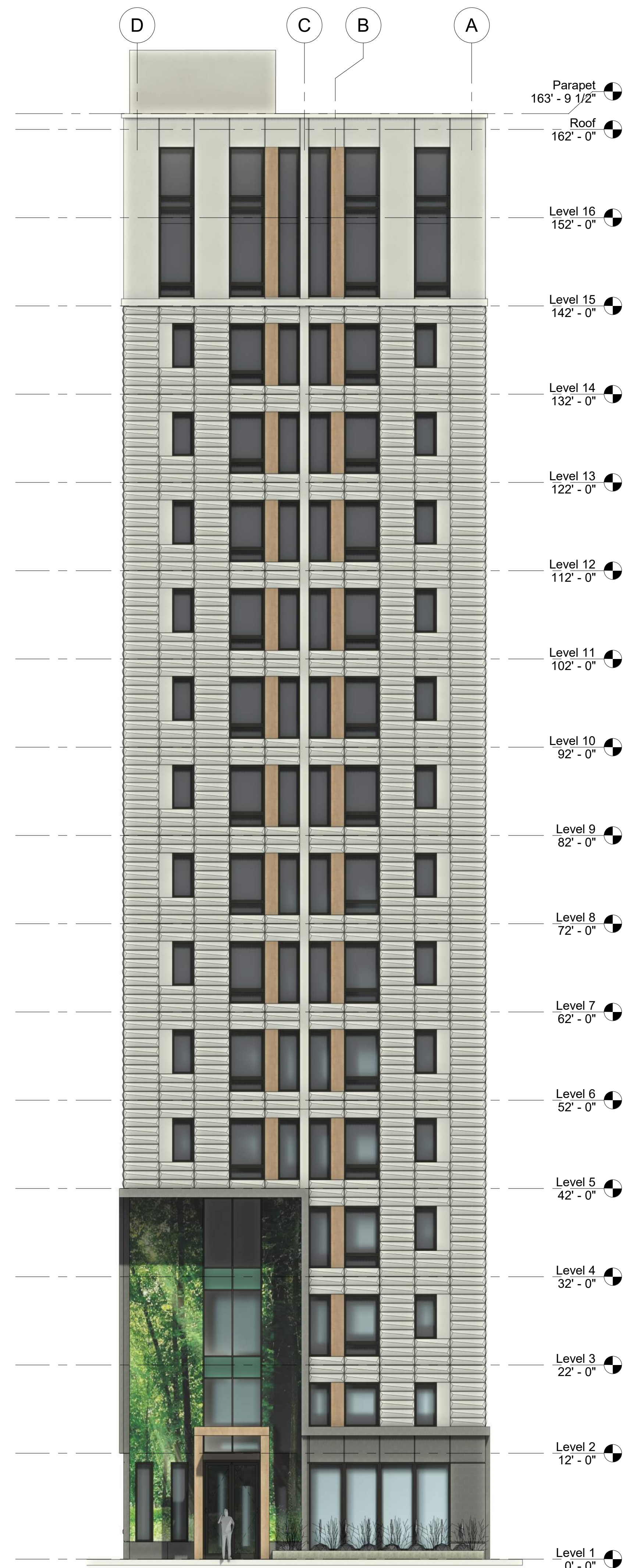
A202

① West
1/8" = 1'-0"

10/10/2025 11:35:46 AM

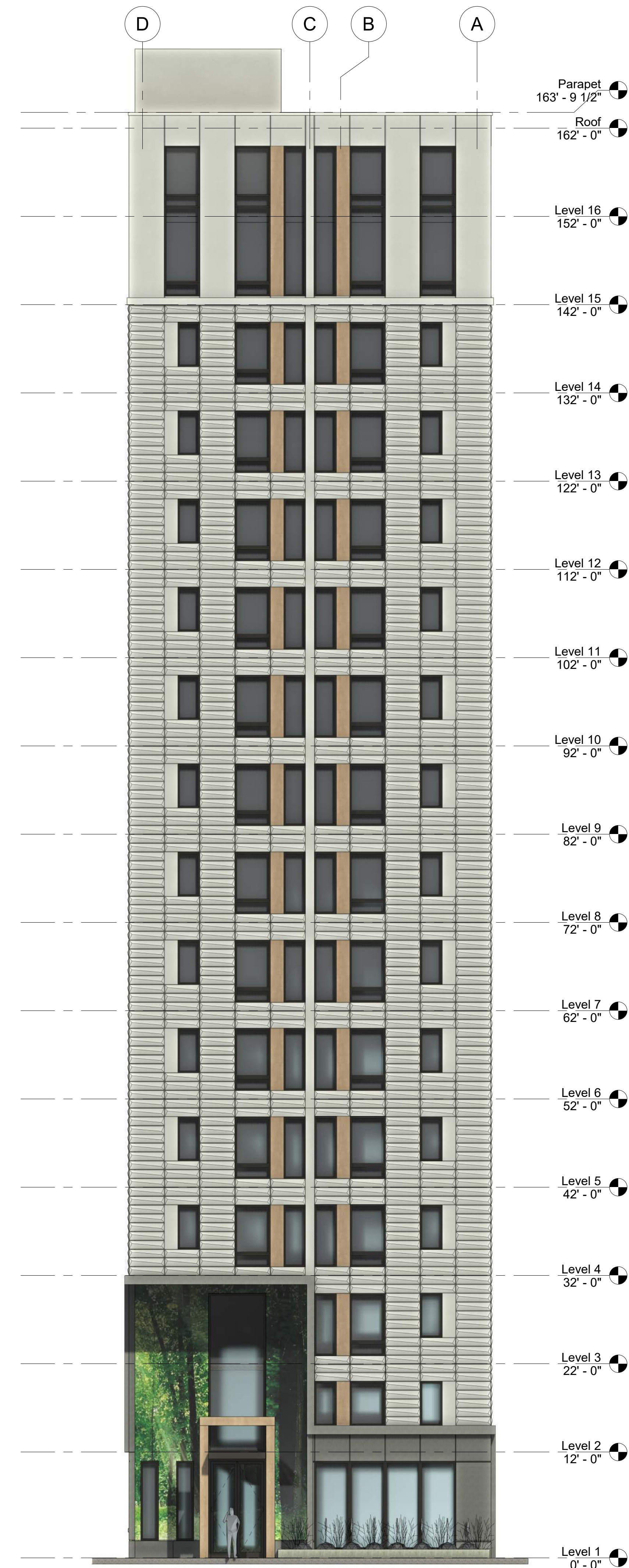
MATERIALS LEGEND

- GRAY PRECAST CONCRETE
- OFF-WHITE PRECAST CONCRETE
- EMBOSSED GEOMETRIC PRECAST CONCRETE
- WINDOW / ACCENT PANEL
- ILLUMINATED GRAPHIC FEATURE WALL
- ALUMINUM STOREFRONT
- BIRDSAFE GLASS: 2% DOT FRIT SCREENPRINT
- BLACK ANODIZED FRAME
- OPAQUE SPANDREL PANEL
- BLACK ANODIZED ALUMINUM WINDOW
- WALNUT GRAIN ALUM. PANEL
- PRINTED GLASS: ILLUMINATED
- 1" REVEAL



**4 LEVELS (AS SHOWN
IN RENDERINGS)**

② North
1/8" = 1'-0"



3 LEVELS

② North
1/8" = 1'-0"

No.	Description	Date

**TORQUE
COMPANIES**

139 W WILSON

Enter address here

**ELEVATION
OPTIONS**

Project Status	Project Number
Date	Issue Date

A203



NE CORNER VIEW

139 WEST WILSON

LAND USE APPLICATION
08/04/2025



NW CORNER VIEW

139 WEST WILSON

LAND USE APPLICATION
08/04/2025



NW CORNER VIEW

139 WEST WILSON

LAND USE APPLICATION
08/04/2025



SW AERIAL VIEW

139 WEST WILSON

LAND USE APPLICATION
08/04/2025



ENTRY OPTION 1



139 WEST WILSON

LAND USE APPLICATION
08/04/2025



ENTRY OPTION 2

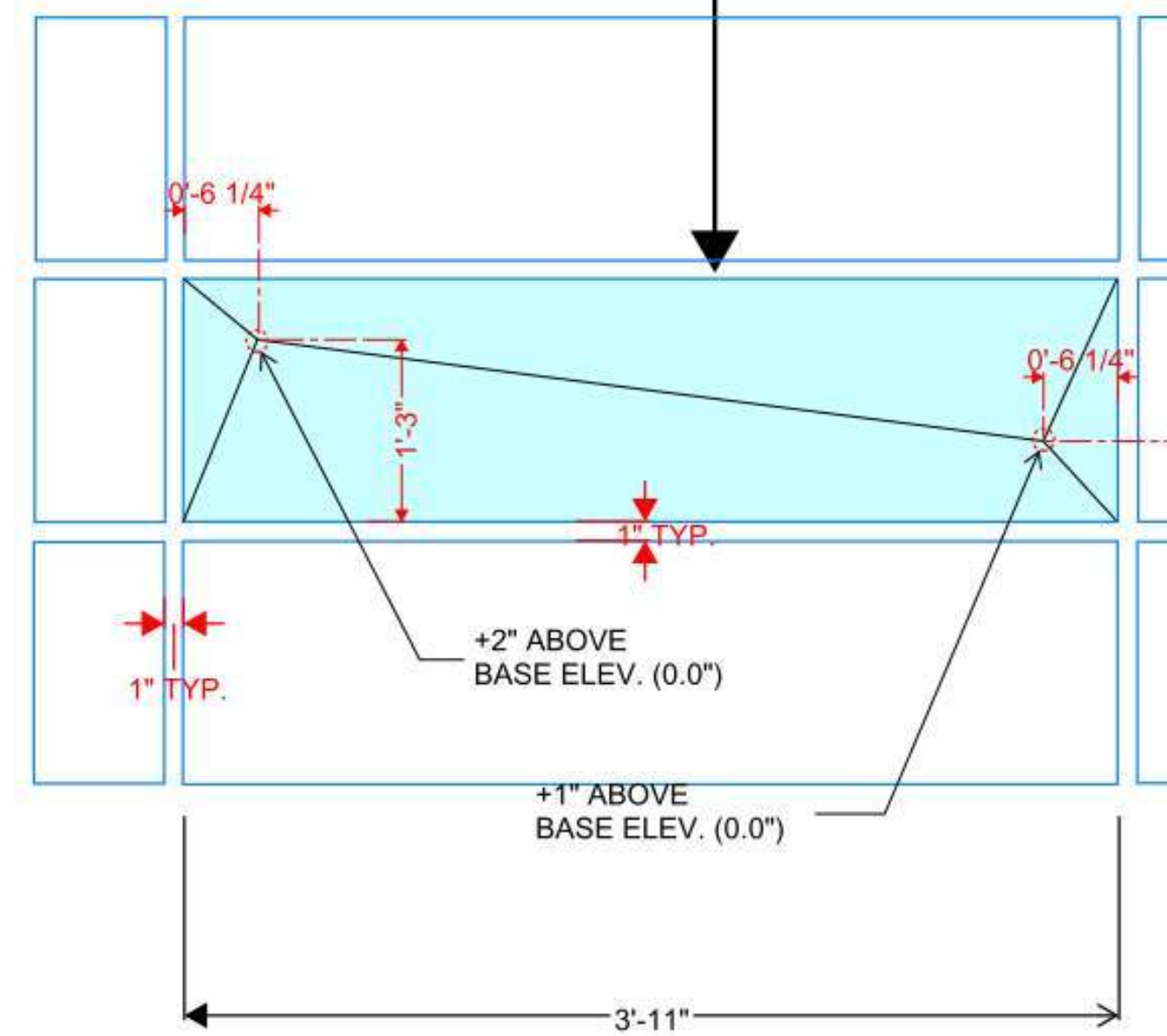


139 WEST WILSON

LAND USE APPLICATION
08/04/2025



Typical 1' x 4' faceted unit



Acid etched concrete wall panel. Color: PEARL WHITE

PRIMARY EXTERIOR MATERIAL:

Factory fabricated concrete skin wall panels whose primary sizes are 10' H x 24' W and 32' W.

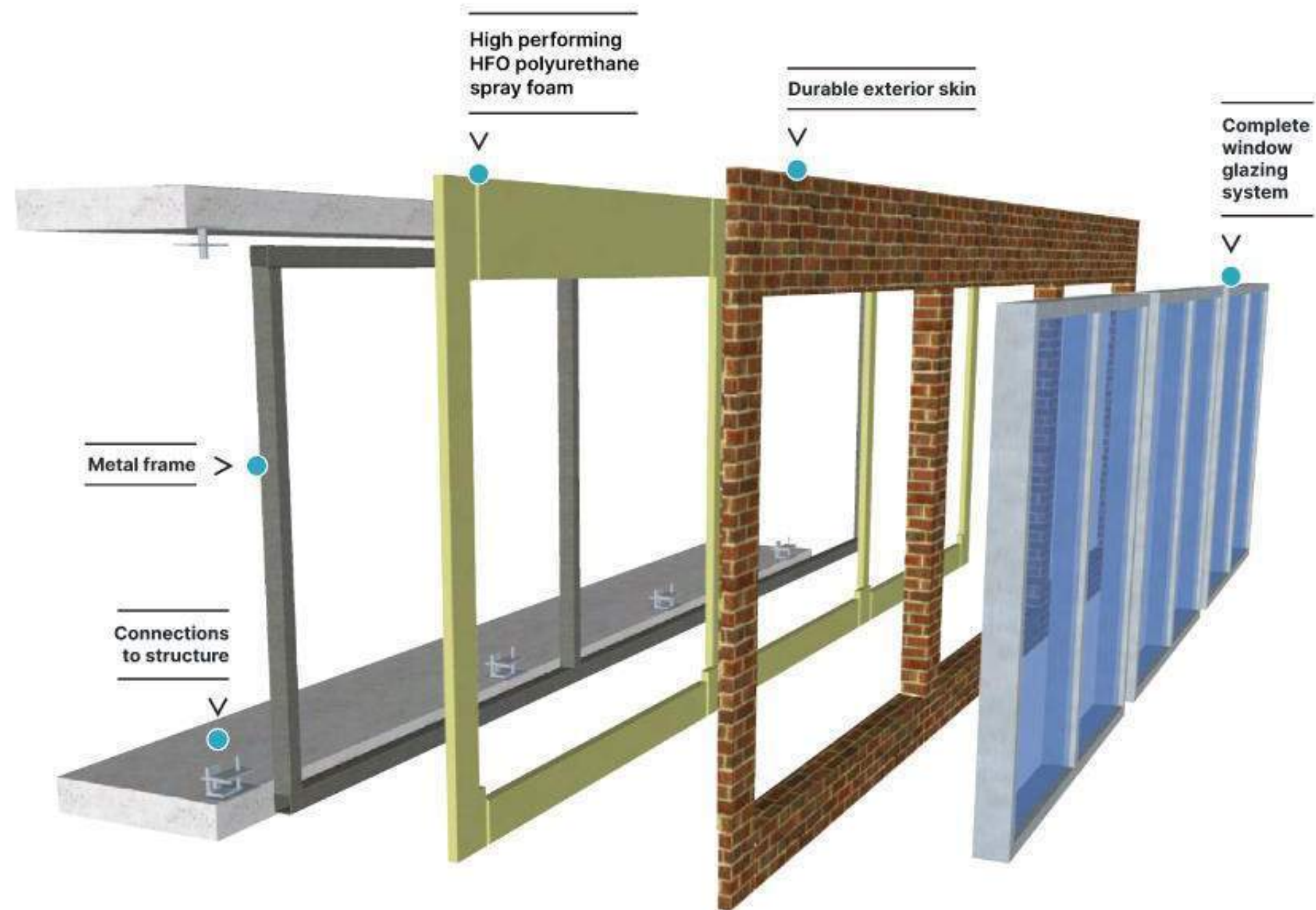
Within each large panel the surface contains multiple custom formed 1' H x 4' W facets.

The concrete has a fine acid etched finish with pearl white color.

Wall panel manufacture is Wells Infinite Facade.
www.infinitefacade.com
 Project manager is Dan Stenzel (dan.stenzel@wellsconcrete.com)



3 | An Introduction to Infinite Facade



Complete wall shipped to site, craned in place and attached to structure, maximizing schedule efficiency.

BENEFITS OF PREFABRICATION

- Reduces site impacts
- Accelerates construction schedules
- Ensures constructability
- Provides budget certainty
- Factory quality
- Reduces risk
- Streamlined logistics and shipping processes



4 | An Introduction to Infinite Facade



Finishes

Our exterior finish options are limitless. In addition to the wide variety of colors and textures currently available in traditional precast, other materials can be cast into the exterior veneer – such as brick, terracotta, and stone. The use of form liners also allows for an endless number of geometric patterns and reveals to be incorporated into the design.

Aesthetic Customization

- 1 Pick the texture you like.
- 2 Choose your color scheme.
- 3 Select your finish style.



433 W. Washington Ave. (608) 204-7464
 Suite 400 AroEberle.com
 Madison, WI 53703

No.	Description	Date

TORQUE COMPANIES

139 W. WILSON

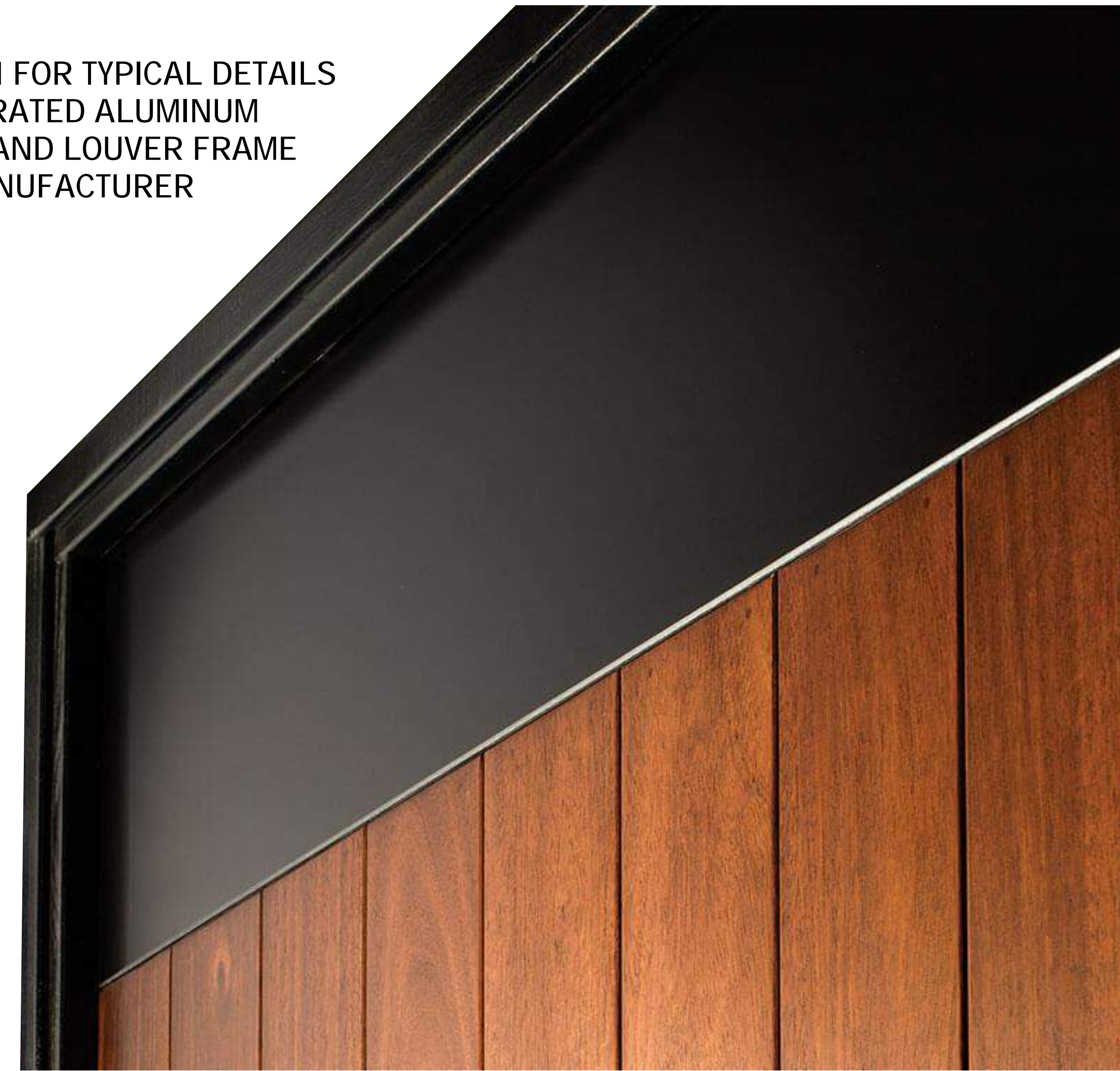
Enter address here

MATERIAL DATA

Project Status	Project number	Project Number
Date		Issue Date



SEE A301.1 FOR TYPICAL DETAILS OF INTEGRATED ALUMINUM WINDOW AND LOUVER FRAME FROM MANUFACTURER



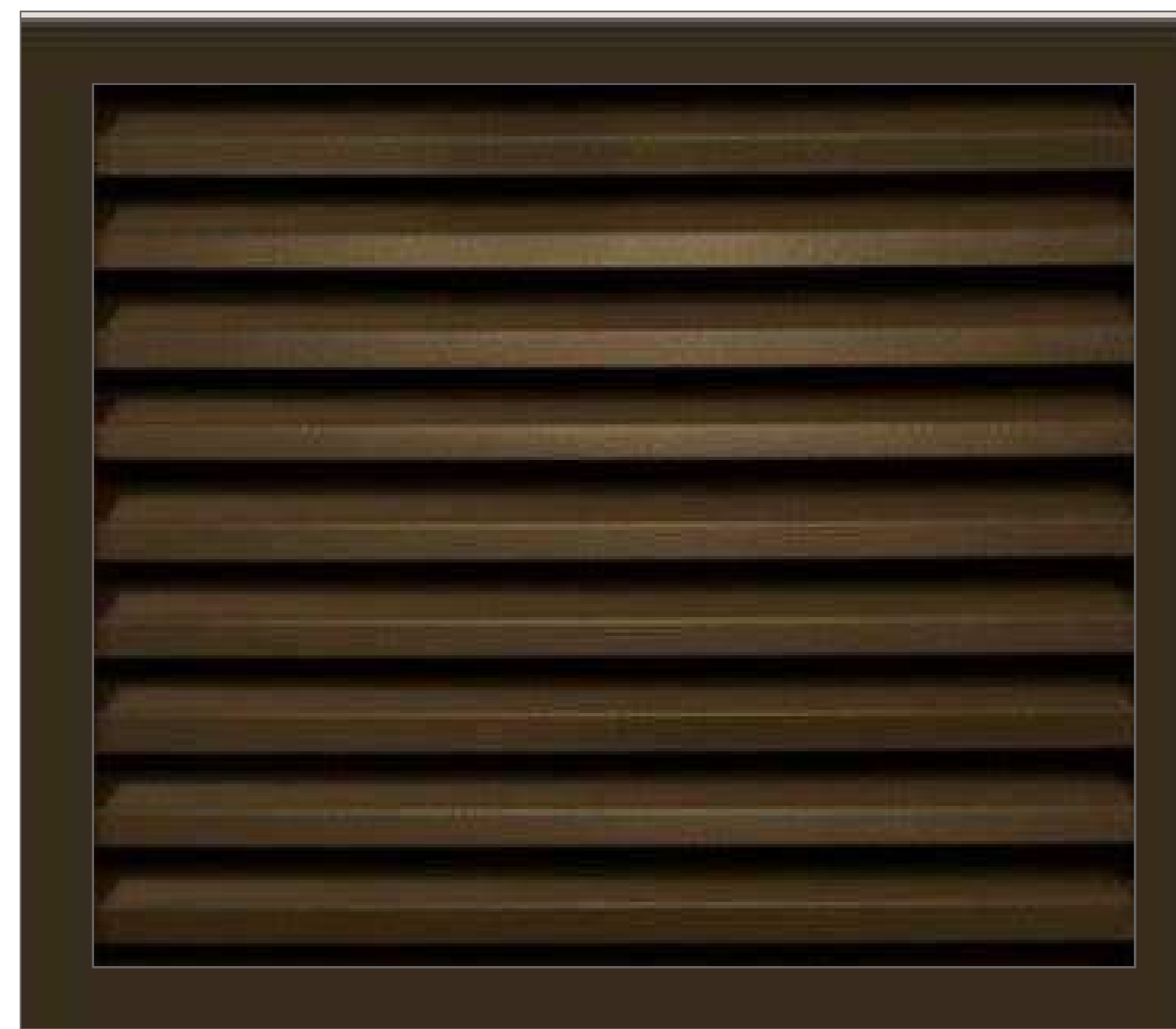
DARK BRONZE ALUMINUM NEXT TO TABLE WALNUT - 1 VERTICAL LONGBOARD

ENLARGED PARTIAL NORTH FACADE SHOWING TYPICAL WINDOW - LOUVER - LONGBOARD CONFIGURATION AND SIZES

LONGBOARD ARCHITECTURAL PRODUCTS - TONGUE AND GROOVE CLADDING SYSTEM - 4" WIDE (4V) VERTICAL ORIENTATION. COLOR: TABLE WALNUT -1



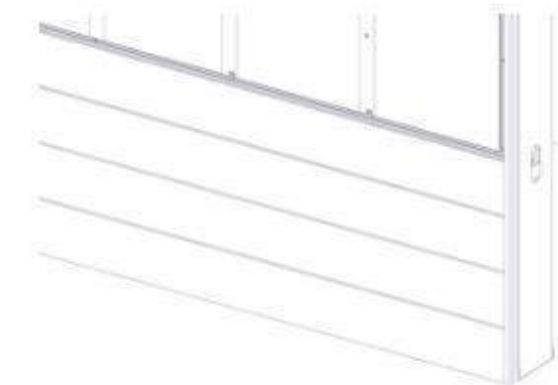
1" INSULATED CLEAR GLASS - SLIM PROFILE ALUMINUM STOREFRONT WINDOW SYSTEM.



DARK BRONZE ANODIZED ALUMINUM FINISH AT ALL EXTERIOR WINDOWS, DOORS AND INTEGRAL WINDOW LOUVERS.



TYPICAL ISOMETRIC



PROFILES
V-Groove: 2-1/2", 4", 6"
Smooth: 6"
Channel: 6"
Standard Lengths: 24'
96 SQ FT/box

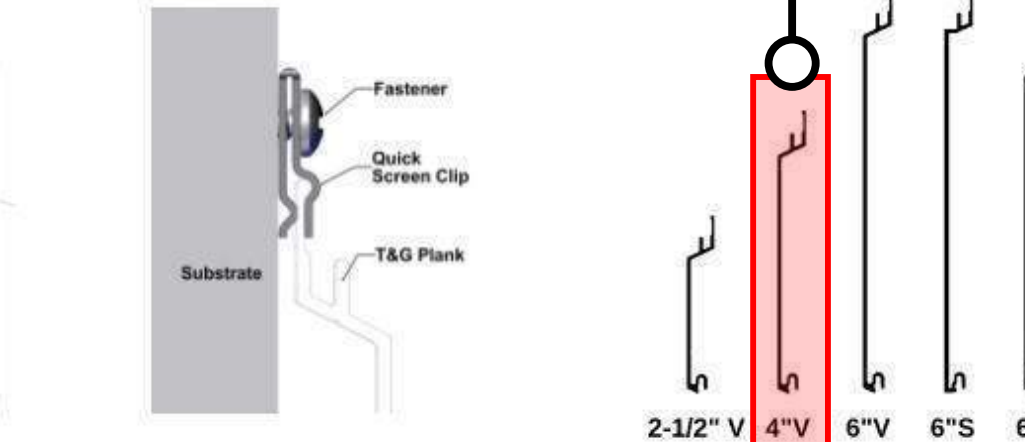
COMPONENTS - Standard Lengths: 12'

Traditional: Starter Strip, Back-to-Back Starter Strip, 2" Corner Set, 1-3/8" Two Piece J-Track, 1-3/8" Termination Set, Compression Joint (2x), 1-1/2" Flat Reveal Set, 1-1/2" U-Reveal Set, 1-1/2" TAG U-Reveal, 2" Offset Flat Reveal

Craftman: 3/4" Inside Corner, 1" Outside Corner, 3/4" U-Reveal Set, 3/4" TAG U-Reveal

Precision: 5/8" Starter, 3/4" Track, 3/4" Outside Corner, 5/8" J-Track, 5/8" Two Piece J-Track, 5/8" Termination Set, 1/2" Flat Reveal, 1/2" TAG Flat Reveal

T&G_US_RB_V3



FINISHES
Woodgrains, solid color, naturally aged metal, custom solid colour matching (additional lead times apply)

ATTACHMENT
Planks: Quick-screen clips w. #8 screws* @ 32" o.c. (standard). Quick-screen clips included: 135 pcs/4' box, 90 pcs/6' box. Trims: hard fasten w. #8 screws* @ 16" o.c. *Screws not included.

BIM & CAD
RVT & DWG files available, see website for details

LEAD TIME
3-6 business days + shipping (subject to change)

LONGBOARD
ARCHITECTURAL PRODUCTS
info@longboardproducts.com
longboardproducts.com
800 604 0343

TECHNICAL SPECIFICATIONS

PHYSICAL DATA
6063-T5 Extruded Aluminum
100% Recyclable
Warranty: Finish 15 year (standard)/20 year* (ultra) (*10 week lead time);
Aluminum: 50 year
Weight (lbs/sqft): ~1.5

TESTING
ICC-ES Evaluation Report - Division: 07 00 00 Thermal and Moisture Protection Section 07 48 00 - Siding
AAMA 509 Rainscreen, W1, V2
LARR - Los Angeles Department of Building Safety (LADBS) accepts ICC-ES reports as proof of compliance
Florida Product Code: FL20075
Miami Dade, Florida, Notice of Acceptance (NOA): NOA No. 22-0209.01 - Expiration Date: January 26, 2028
Impact testing: TAS 201
WUI (The Wildland-Urban Interface) - California Department of Forestry & Fire Protection Office of the State Fire Marshal Listing No. 8440-2285-0500

Fire Rating: Class A Non-Combustible by ASTM E136 & ASTM E84; A2-s1.00 by EN 13501-1

Light Reflectance: 5% (Black) up to 73.2% (Ultra White)

Wind load: Up to 121 psf (S794 Pa) TAS 202, TAS 203

No.	Description	Date

TORQUE COMPANIES

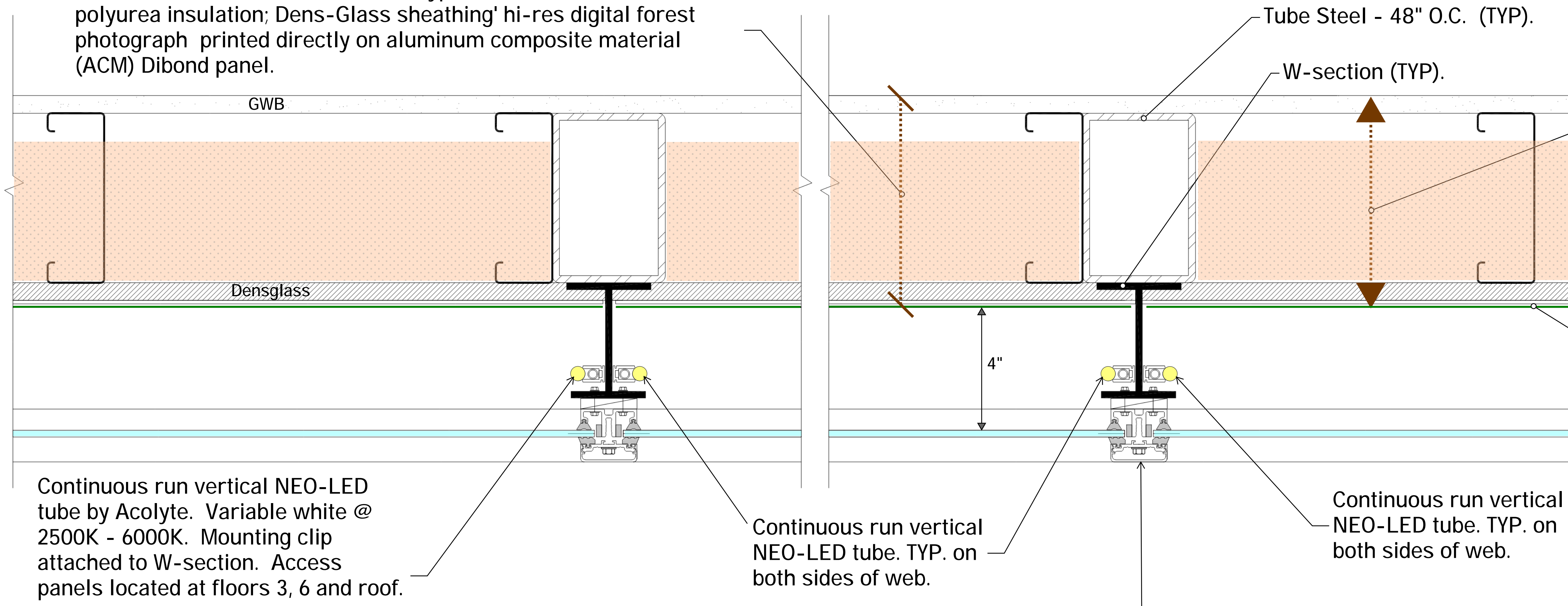
139 W. WILSON

Enter address here

MATERIAL DATA

Project Status	Project Number	Project Number
Date		Issue Date

EXTERIOR WALL ASSEMBLY: 5/8" Type 'X' GWB" 6" metal studs; polyurea insulation; Dens-Glass sheathing' hi-res digital forest photograph printed directly on aluminum composite material (ACM) Dibond panel.

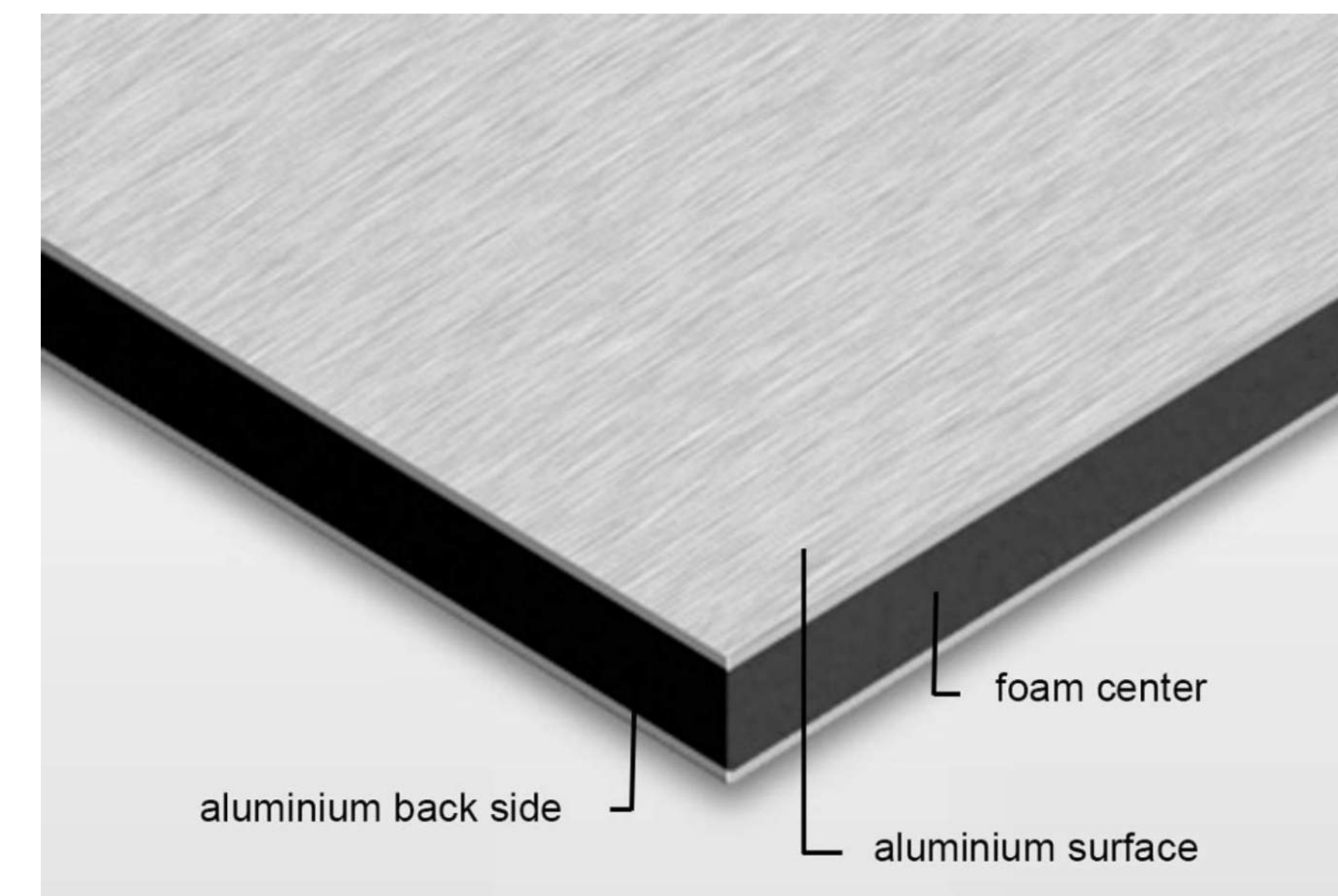


Continuous run vertical NEO-LED tube by Acolyte. Variable white @ 2500K - 6000K. Mounting clip attached to W-section. Access panels located at floors 3, 6 and roof.

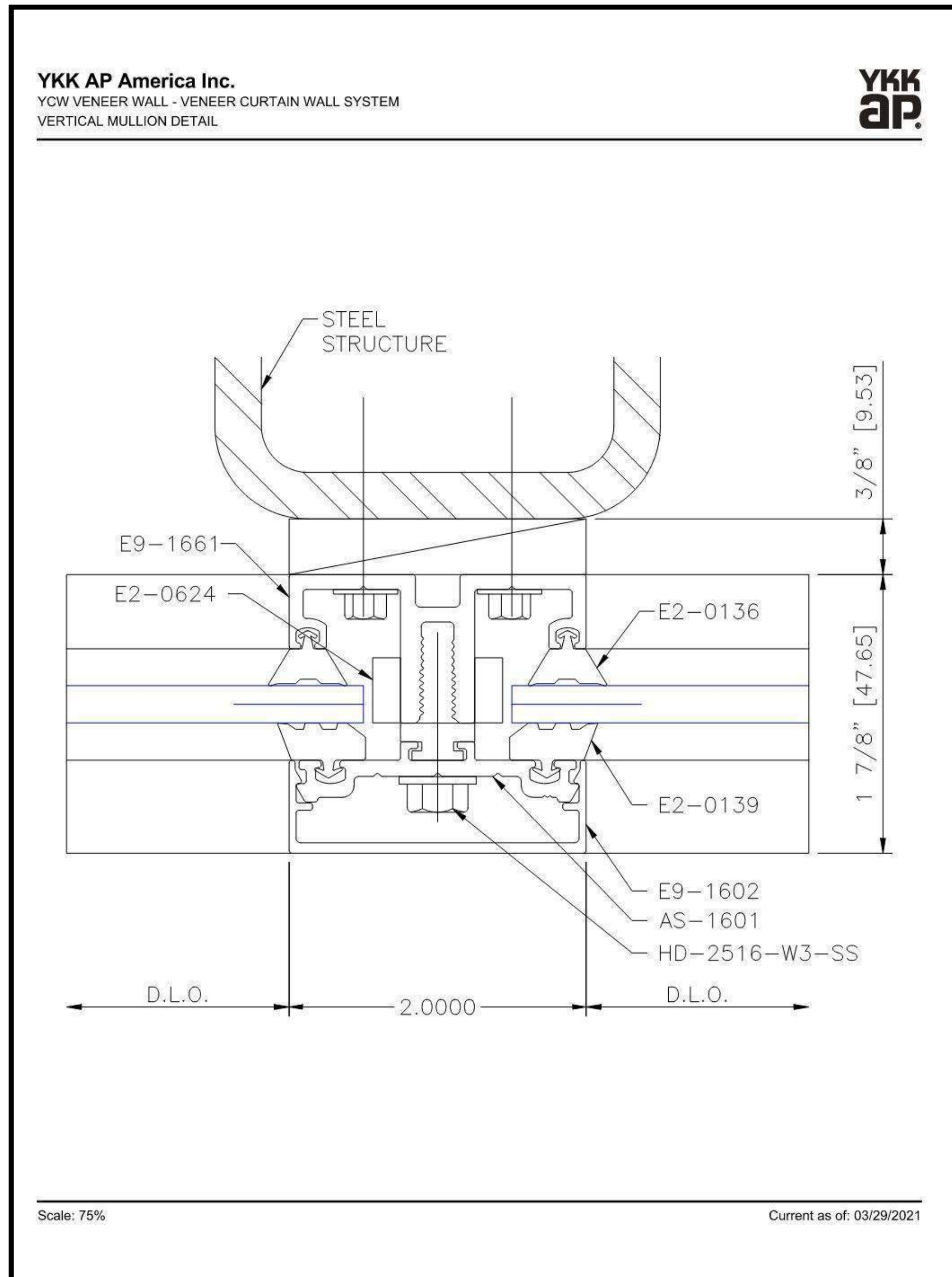
Window systems located within this portion of the overall curtain wall assembly. Where occurs on all elevations. (TYP).

1 Exterior art wall - Plan detail (TYP)

3mm Di-bond panel with forest graphic printed directly on aluminum using waterproof, UV-cured inks.



3 3mm (1/8") DiBond-Aluminum Composite material (ACM).



YCW Veneer curtain wall system by YKK AP America. 48" x 120" 1/4" clear tempered glass panels set in vertical and horizontal 2" wide black anodized aluminum capture system as shown.

NOTE:
Internally lit wall to use Acolyte LED neon tubes. proposed in variable white (2400K - 6000K) for flexibility in final effect.
See Sheet A302.1 and A300 for more information on design proposal.



4 Example of direct print (ACM).

2 Curtain wall - Mullion detail (TYP)

No.	Description	Date

TORQUE COMPANIES

139 W. WILSON

Enter address here

ILLUMINATED GRAPHIC DETAIL

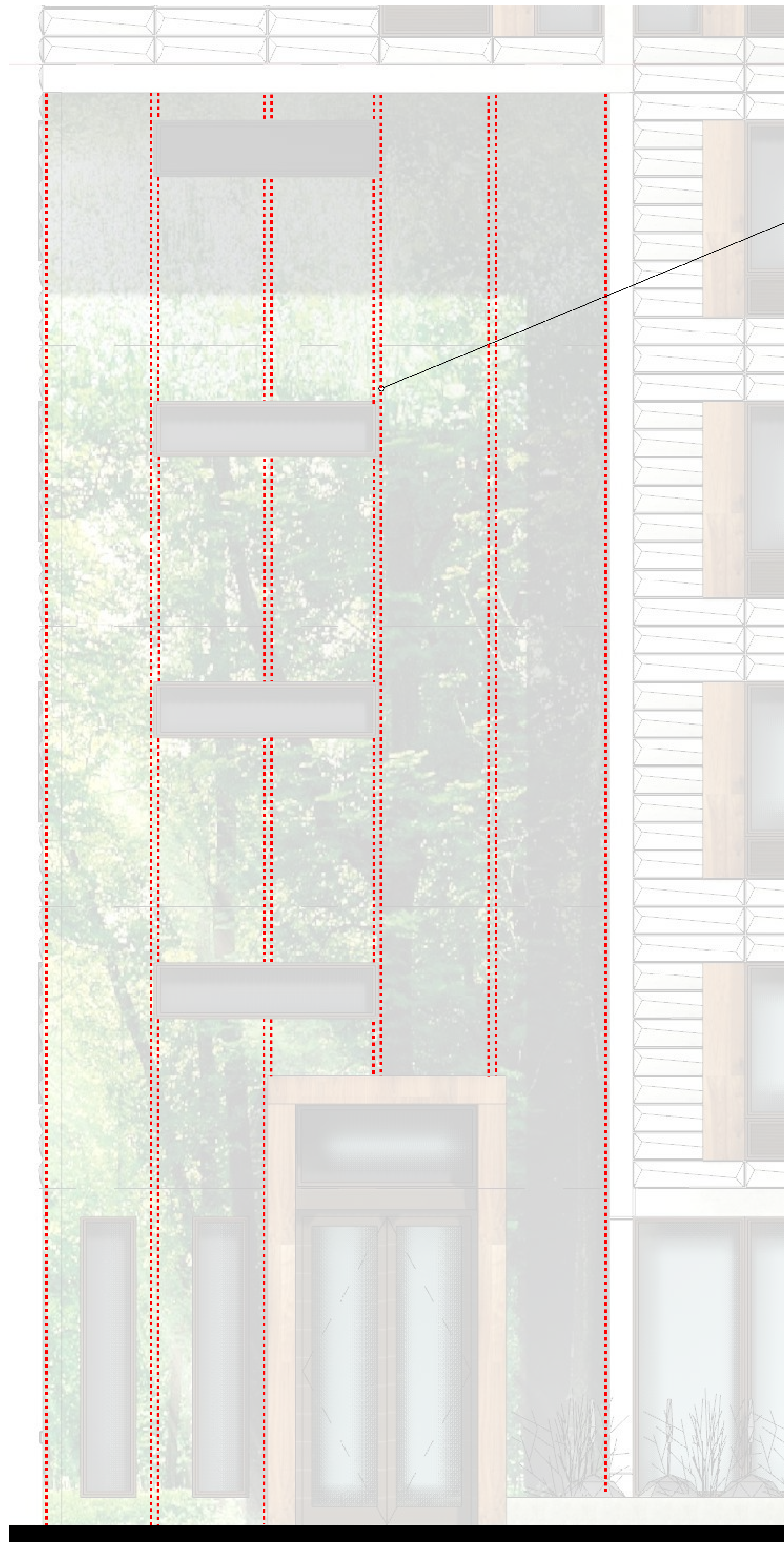
Project Status	Project Number	Project Number
Date		Issue Date

FINAL DESIGN AND PHOTOMETRICS PENDING ENTRY OPTION SELECTION

2" wide curtain wall Mullions.
See details 1 and 2,
sheet A302



1 North Curtain wall Elevation



Location of concealed
NEON LED tubes shown in
red dash. See detail
1/A302.

GENERAL NOTE:
Glass curtain wall and
illuminated art wall
assemblies as shown
on East Elevation to
follow same detail
and lighting
configurations.

No.	Description	Date

**TORQUE
COMPANIES**

139 W. WILSON

Enter address here

**ILLUMINATED
GRAPHIC DETAIL**

Project Status	Project Number
Date	Issue Date

Maximum height for this proposal given MGO 28.134 (3) - Capital view preservation

City Datum @ 0'-0" is established per code at 845.6'. From there to top of column capital at rotunda, code provides max height of 187.2 above datum.

The sum of these is 1032.8'.

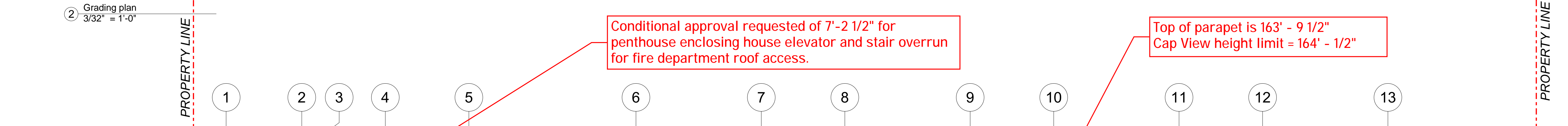
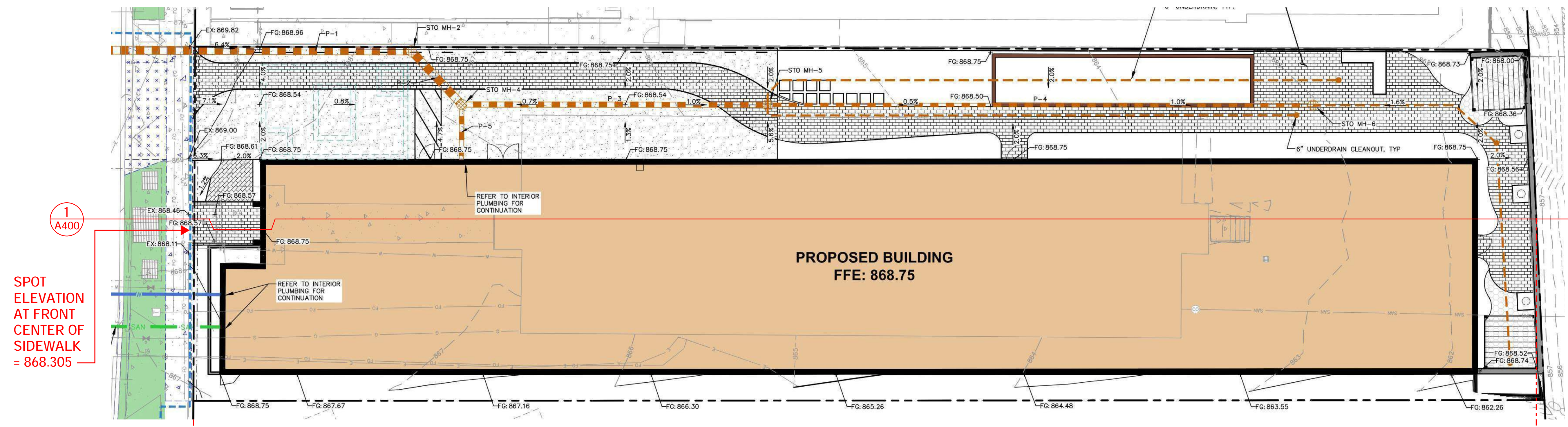
Elevation at front center of sidewalk is 868.305'.

Our FFE is 868.75'.

As a result the max height for this proposal is 1032.8' - 868.75' = 164.05'.

Top of parapet is 163' - 9 1/2"

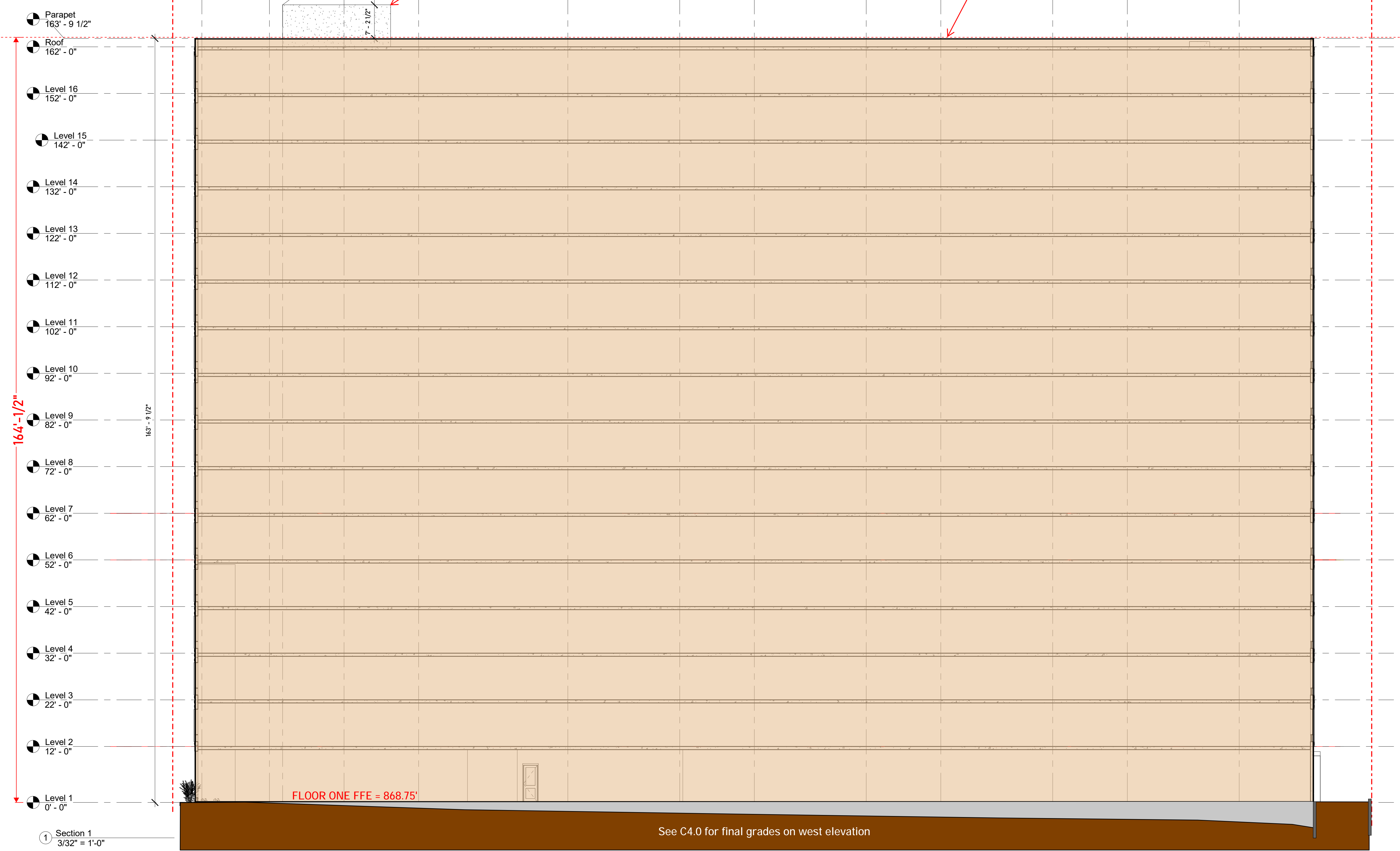
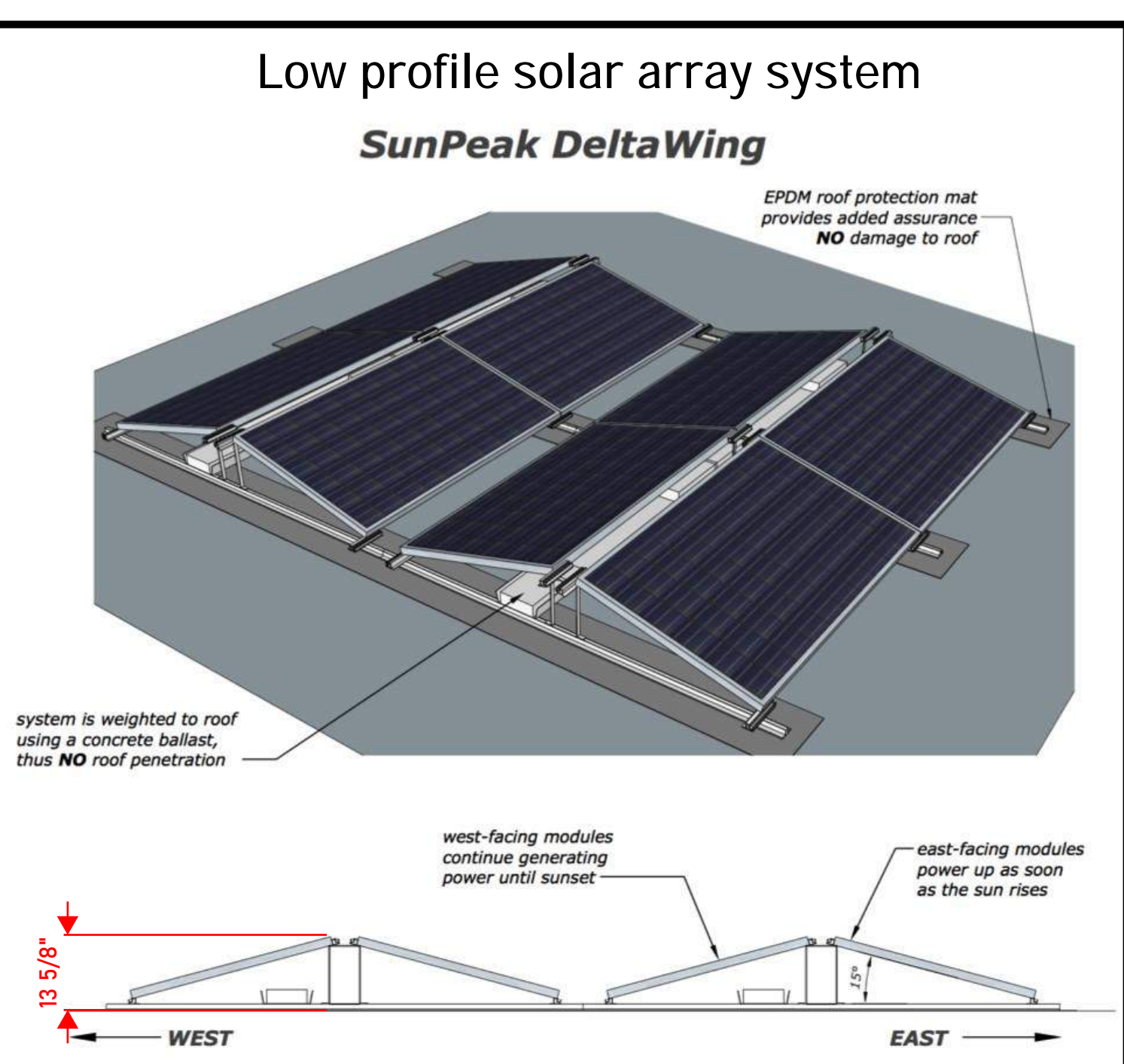
Conditional approval requested for penthouse overrun of 7'-2 1/2" above parapet.



Conditional approval requested of 7'-2 1/2" for penthouse enclosing house elevator and stair overrun for fire department roof access.

Top of parapet is 163' - 9 1/2"
Cap View height limit = 164' - 1/2"

CAP VIEW HEIGHT LIMIT = 164' - 1/2"



Section 1
3/32" = 1'-0"

See C4.0 for final grades on west elevation

No.	Description	Date

TORQUE COMPANIES

139 W. WILSON

Enter address here

HEIGHT LIMIT EXHIBIT

Project Status	Project number	Project Number
Date		Issue Date



streetbond®

StreetBond® Pro 220 and Pro 250

MMA Pavement Coating Systems

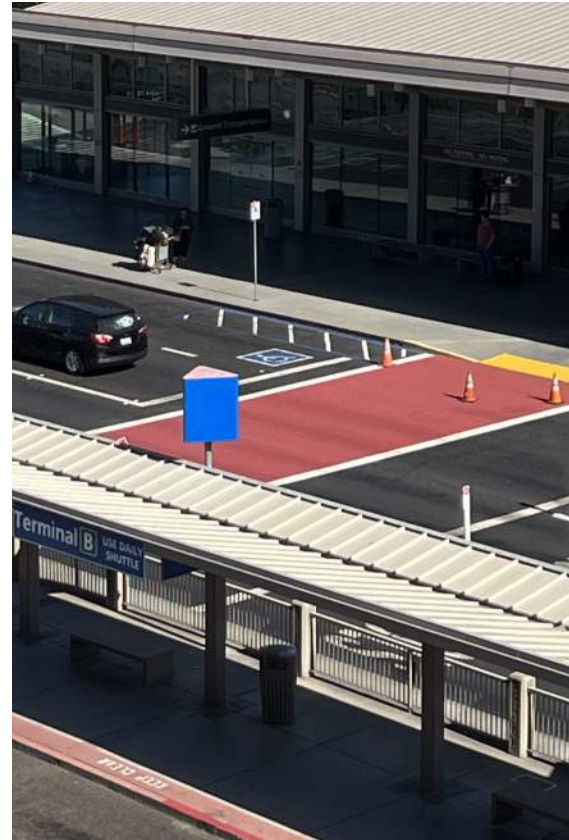


Fast cure. Bold color. Durable protection.

Transform and protect pedestrian and vehicular traffic surfaces from degradation and wear with StreetBond® Pro Pavement Coating — a liquid-applied, MMA resin-based system that provides bold, UV-stable color and anti-skid aggregates in a fast-curing formula.

StreetBond® Pro Pavement Coating offers a broad palette of UV-stable colors for creative freedom and a quick cure time for fast return to service. High-reflectivity colors are available to reduce surface temperature. Plus, StreetBond® Pro Pavement Coating offers:

- Easy application — Each color is factory-formulated with the right amount of aggregate and colorant; simply add the catalyst, mix, and apply with a squeegee and roller.
- Cold-weather application — StreetBond® Pro can be applied in temperatures as low as 32°F (0°C).
- Flexibility — StreetBond® Pro works with the normal expansion and contraction of asphalt surfaces and will not peel, delaminate, or shrink-crack when installed according to manufacturer’s specifications.
- Durability — Engineered to withstand traffic wear and water damage.
- Excellent adhesion to asphalt and concrete.
- Color stability — UV-stable pigments help resist fading.
- Skid resistance — Excellent friction properties provide slip and skid resistance.
- Chemical resistance — Formulated to help protect against damage and deterioration caused by fuel, engine oil, and de-icing agents.
- Quick return to service — StreetBond® Pro Pavement Coatings have a fast cure time — typically rainproof in 30 minutes, and stress resistant in 2 hours — allowing quick return to service and minimizing disruption.



Choose the right grade for your project:

Pedestrian and low-volume light traffic areas such as walk paths, bike lanes, and raised medians	StreetBond® Pro 220
More intensive pedestrian or vehicular traffic such as bus lanes, traffic lanes, and pedestrian plazas	StreetBond® Pro 250



SECTION CORNER MONUMENTS				
LETTER	CORNER	FOUND	NORTHING	EASTING
A	NW 24-07-09	THE CAPITOL BLDG	482,833.37	821,166.41
B	WITNESS CORNER	BRASS CAP	482,330.90	821,158.49
C	WITNESS CORNER	BRASS CAP	480,715.18	821,133.10
D	W 1/4 24-07-09	IN THE LAKE	480,193.39	821,124.90

SECTION LINE BEARINGS	
LETTER	BEARING AND DISTANCE
A-B	S00°54'23"W 502.53'
B-C	S00°53'57"W 1,615.92'
C-D	S00°54'03"W 521.85'
A-D	S00°54'03"W 2,640.31'

EXISTING CONDITIONS SURVEY

PART OF LOT 3, BLOCK 70, ORIGINAL PLAT OF MADISON, RECORDED IN VOLUME A OF PLATS, PAGE 3, AS DOCUMENT No. 102, DANE COUNTY REGISTRY, LOCATED IN THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 07 NORTH, RANGE 09 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN.

LEGEND

- GOVERNMENT CORNER
- 1" IRON PIPE FOUND
- ✕ CHISELED 'X' FOUND
- 3/4" REBAR FOUND
- ▲ CONTROL POINT
- ▲ BENCHMARK
- ⊕ FINISHED FLOOR SHOT LOCATION
- ⊕ SIGN
- SANITARY MANHOLE
- CLEAN OUT
- HYDRANT
- WATER VALVE
- STORM MANHOLE
- SQUARE CASTED INLET
- CURB INLET
- GAS VALVE
- LIGHT POLE
- TELEPHONE PEDESTAL
- CONIFEROUS TREE
- PARCEL BOUNDARY
- SECTION LINE
- RIGHT-OF-WAY LINE
- CENTERLINE
- PLATTED LOT LINE
- SETBACK LINE
- FENCE LINE
- CONCRETE CURB & GUTTER
- SANITARY SEWER
- WATER LINE
- STORM SEWER
- NATURAL GAS
- UNDERGROUND ELECTRIC
- FIBER OPTIC
- UNDERGROUND TELEPHONE
- BUILDING
- 865 INDEX CONTOUR
- 864 INTERMEDIATE CONTOUR
- BITUMINOUS PAVEMENT
- CONCRETE PAVEMENT
- PAVEMENT STRIPING
- END OF FLAGGED UTILITIES
- () DENOTES RECORD DATA DEPICTING THE SAME LINE ON THE GROUND AS RETRACED BY THIS SURVEY

NOTES

- FIELD WORK PERFORMED ON JUNE 08, 2022.
- BEARINGS FOR THIS SURVEY AND MAP ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY. THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 24-07-09, RECORDED AS S00°54'01"W.
- ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). BENCHMARK IS A BRASS CAP IN CONCRETE MONUMENT FOR THE WITNESS CORNER TO THE WEST QUARTER CORNER OF SECTION 24-07-09, ELEVATION = 850.32'
- CONTOUR INTERVAL IS ONE FOOT.
- SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFICIAL FEATURES AND APPURTENANCES, LOCATING DIGGERS HOTLINE FIELD MARKINGS AND BY REFERENCE TO UTILITY RECORDS AND MAPS. DIGGER'S HOTLINE TICKET NO. 20222305367, WITH A START DATE OF JUNE 03, 2022.
- UTILITY COMPANIES CONTACTED THRU DIGGERS HOTLINE:
 - CITY OF MADISON ENGINEERING
 - MADISON GAS AND ELECTRIC COMPANY (ELECTRIC AND GAS)
 - CHARTER COMMUNICATIONS
 - AMERICAN TRANSMISSION COMPANY
 - LEVEL 3 IS NOW CENTURYLINK
 - AT&T TRANSMISSION
 - AT&T DISTRIBUTION
 - TDS TELECOM
 - MCI
 - MADISON METROPOLITAN SEWERAGE DISTRICT
 - WINDSTREAM
 - WISCONSIN DEPARTMENT OF ADMINISTRATION-DIVISION OF ENTERPRISE TECHNOLOGY
- BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED. FOR EXACT LOCATION OF UNDERGROUND UTILITIES, CONTACT DIGGERS HOTLINE, AT 1.800.242.8511.
- JSD PROFESSIONAL SERVICES, INC. DOES NOT GUARANTEE THAT BENCHMARKS LISTED ON THIS MAP HAVE NOT BEEN DISTURBED SINCE THE DATE OF THIS SURVEY AND SHALL BE VERIFIED BEFORE BEING UTILIZED.
- THIS PARCEL IS ZONED URBAN MIXED-USE DISTRICT (UMX) PER THE CITY OF MADISON ZONING MAP.
 - LOT AREA-3,000 SQUARE FEET
 - LOT WIDTH-30 FEET
 - MINIMUM FRONT YARD SETBACK-5 FEET
 - SIDE YARD SET BACK-5 FEET
 - REAR YARD SETBACK-10 FEET
 CHECK WITH CITY ZONING DEPARTMENT FOR HEIGHT RESTRICTIONS AND SETBACKS PER BUILDING USE.
- ROADWAY UTILITY RECORD DRAWINGS WERE REQUESTED FROM THE CITY OF MADISON. THE UTILITIES SHOWN REPRESENT FIELD LOCATED UTILITIES IN COMBINATION WITH THE SUPPLIED CITY RECORDS.

LEGAL DESCRIPTION

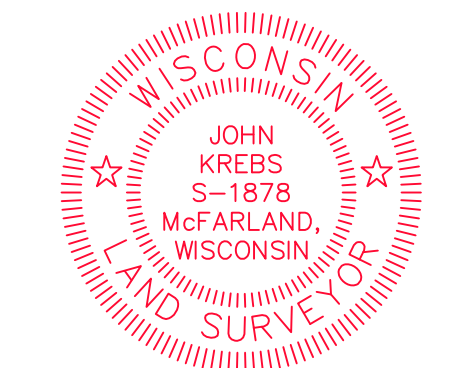
PART OF LOT 3, BLOCK 70, ORIGINAL PLAT OF MADISON, RECORDED IN VOLUME A OF PLATS, ON PAGE 3, AS DOCUMENT No. 102, LOCATED IN THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 24, TOWNSHIP 07 EAST, RANGE 09 NORTH, CITY OF MADISON, DANE COUNTY, WISCONSIN.
 TAX KEY NO. 251/0709-242-0124-0

SURVEYOR'S CERTIFICATE

I, JOHN KREBS, WISCONSIN PROFESSIONAL LAND SURVEYOR NO. S-1878, HEREBY CERTIFY THAT UNDER THE DIRECTION OF SEA DESIGN THIS SURVEY AND MAP HAS BEEN PREPARED AND COMPLIES WITH WISCONSIN ADMINISTRATIVE CODE A-7 AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF IN ACCORDANCE WITH THE INFORMATION PROVIDED.

JOHN KREBS, S-1878
 PROFESSIONAL LAND SURVEYOR

DATE _____



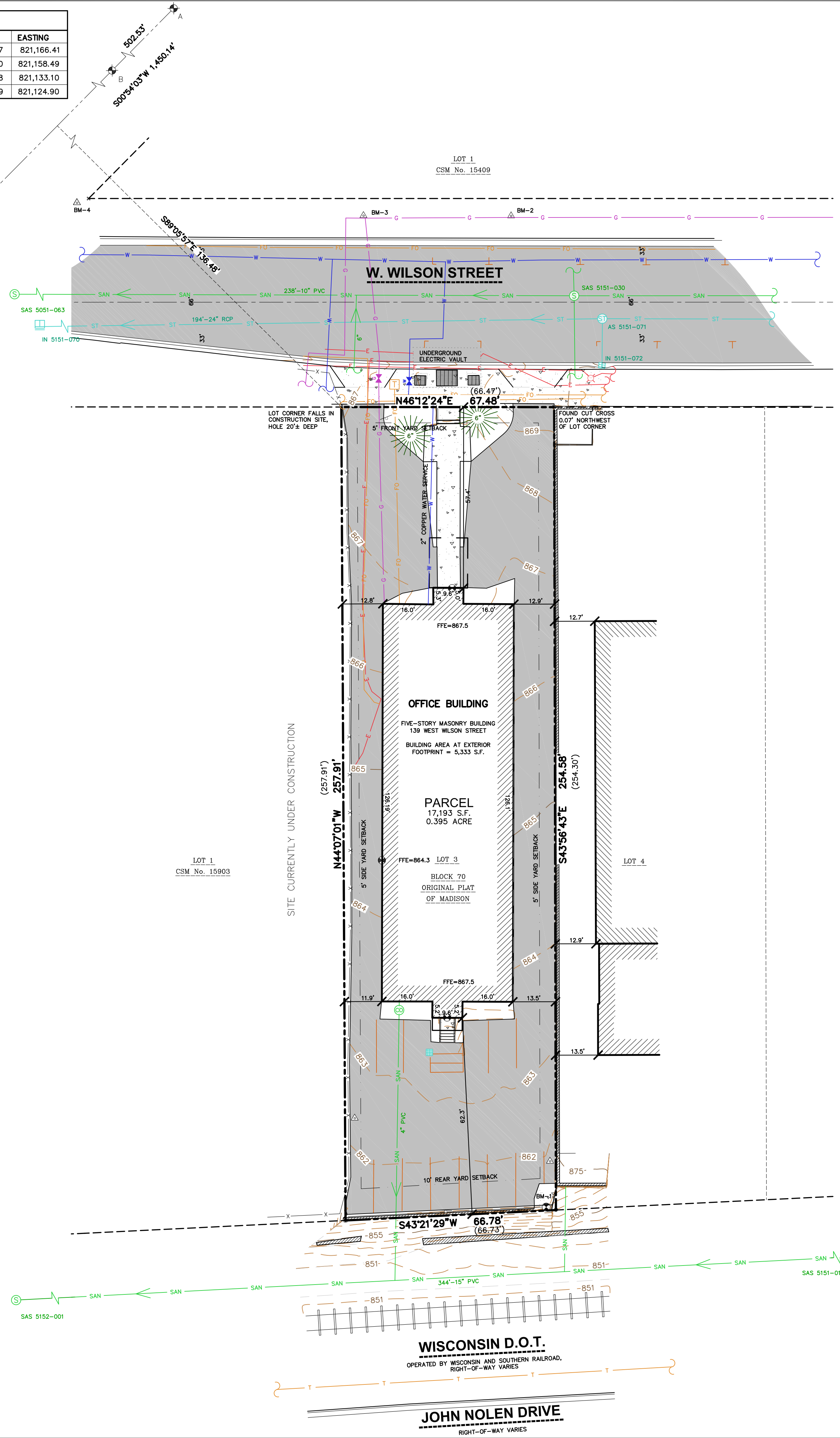
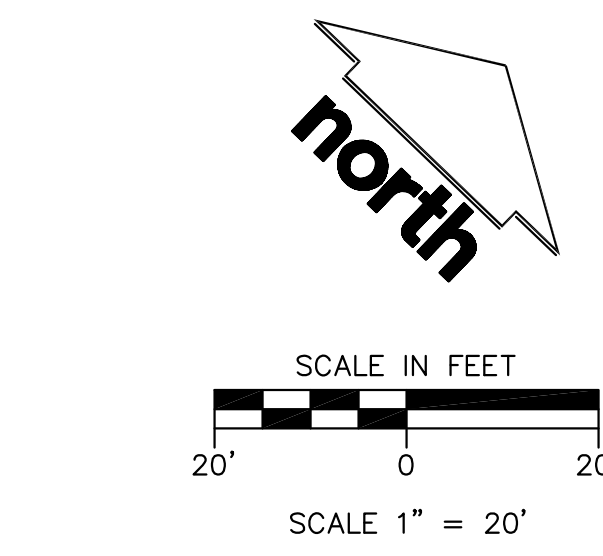
STORM SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
AS 5151-071	870.68	NE	863.18	24"	RCP
		SE	866.92	12"	RCP
		SW	863.18	24"	RCP

STORM SEWER INLETS					
INLET ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
INL 5151-072	869.99	NW	867.09	12"	RCP
		NE	855.15	24"	RCP
INL 5151-070	863.44	SW	855.15	24"	RCP

BENCHMARKS		
BENCH MARK	ELEVATION	DESCRIPTION
BM-1	862.06	CHISELED 'X' IN CONCRETE RETAINING WALL
BM-2	870.68	CHISELED 'X', NORTH SIDE OF W. WILSON STREET
BM-3	868.69	CHISELED 'X', NORTH SIDE OF W. WILSON STREET
BM-4	865.89	CHISELED 'X', NORTH SIDE OF W. WILSON STREET

*JSD DOES NOT GUARANTEE THAT THE BENCHMARK ELEVATIONS LISTED ON THIS MAP HAVE NOT BEEN DISTURBED SINCE THE DATE OF THIS SURVEY AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES.

SANITARY SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAS 5151-013	850.76	NE	845.14	15"	PVC
		SW	845.12	15"	PVC
SAS 5152-022	851.47	NE	844.74	15"	PVC
		NW	846.44	12"	PVC
SAS 5151-030	870.66	SW	844.71	15"	PVC
		NE	860.06	10"	PVC
SAS 5051-063	862.65	SE	861.01	8"	PVC
		NW	860.86	8"	PVC
		SW	860.01	10"	PVC
		N	851.33	8"	PVC
		NE	851.10	10"	PVC
		NE	851.33	8"	PVC
		NE	856.92	8"	PVC
		NE	851.50	8"	PVC
		SE	851.00	12"	PVC
		SE	851.00	12"	PVC



CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE
 161 HORIZON DRIVE, SUITE 101
 VERONA, WISCONSIN 53593
 P. 608.848.5060

CLIENT:
SEA DESIGN

CLIENT ADDRESS:
**N3302 SOUTH OAKLAND
 FORT ATKINSON, WI 53538**

PROJECT:
139 W. WILSON STREET

PROJECT LOCATION:
**139 W. WILSON STREET
 CITY OF MADISON
 DANE COUNTY, WISCONSIN**

MODIFICATIONS:		
#	Date:	Description:
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Prepared By: JK 06/14/22
 Reviewed By: TJB 06/15/22
 Approved By: TJB 06/15/22

SHEET TITLE:
**EXISTING
 CONDITIONS
 SURVEY**

SHEET NUMBER:
1 OF 1

PROJECT NO: 22-11487



PLAN MODIFICATIONS:

#	Date	Description
1	08.04.2025	MUNICIPAL SUBMITTAL
2	10.13.2025	UDC SUBMITTAL
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: MAS
Reviewed By: KJN
Approved By:

SHEET TITLE:
DEMOLITION PLAN

SHEET NUMBER:
C2.0

JSD PROJECT NO: 22-11487

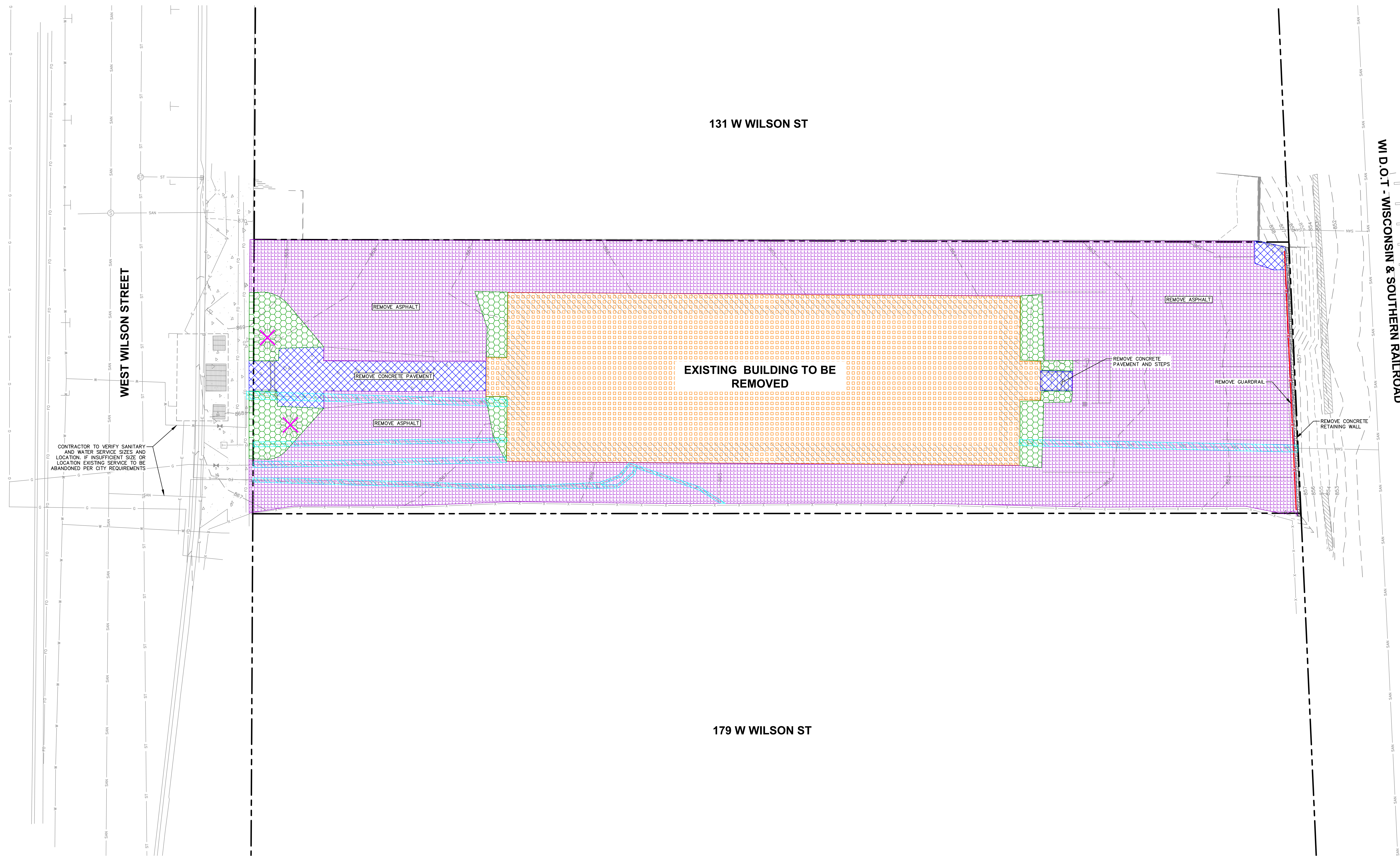
JOHN NOLEN DRIVE

WI D.O.T. - WISCONSIN & SOUTHERN RAILROAD

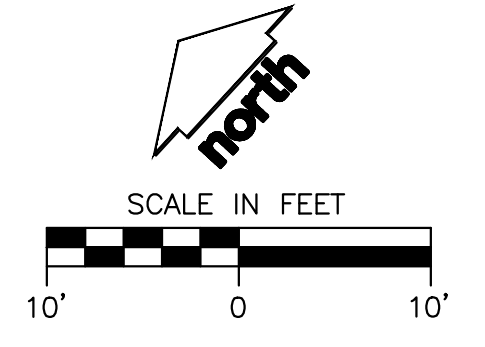
131 W WILSON ST

EXISTING BUILDING TO BE REMOVED

179 W WILSON ST



CONTRACTOR TO VERIFY SANITARY AND WATER SERVICE SIZES AND LOCATION. IF INSUFFICIENT SIZE OR LOCATION EXISTING SERVICE TO BE ABANDONED PER CITY REQUIREMENTS

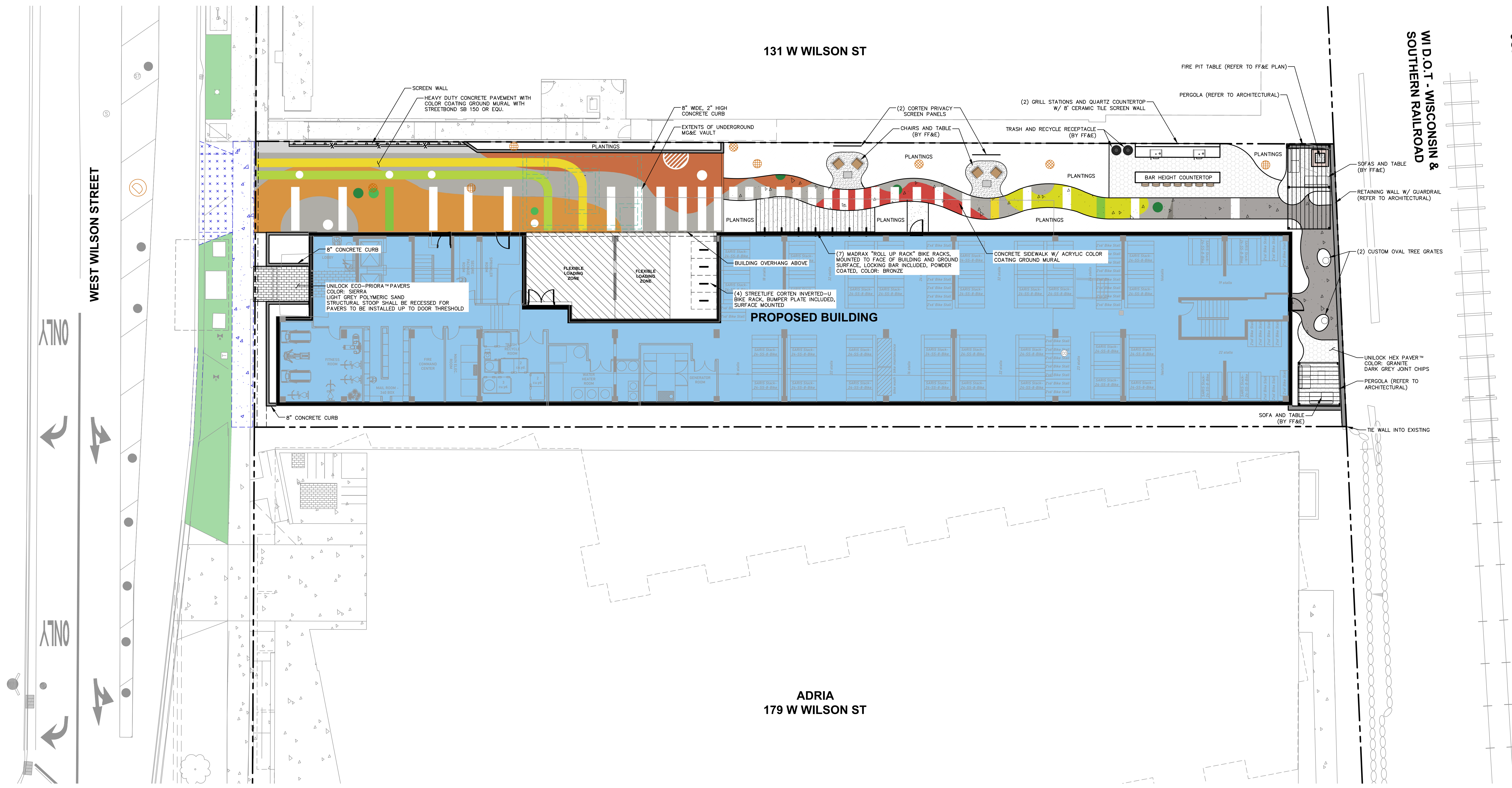


JOHN NOLEN DRIVE

WI D.O.T. - WISCONSIN &
SOUTHERN RAILROAD

131 W WILSON ST

ADRIA
179 W WILSON ST



PLAN MODIFICATIONS:

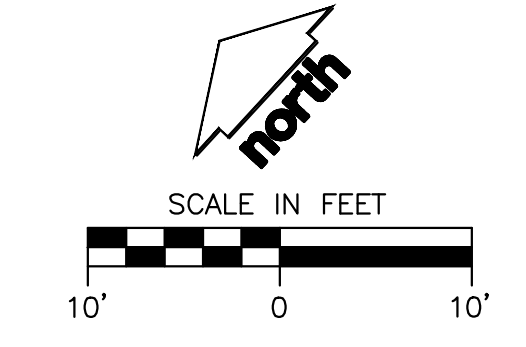
#	Date	Description
1	08.04.2025	MUNICIPAL SUBMITTAL
2	10.13.2025	UDC SUBMITTAL
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: MAS
Reviewed By: KJN
Approved By:

SHEET TITLE:
SITE PLAN -
ANNOTATED

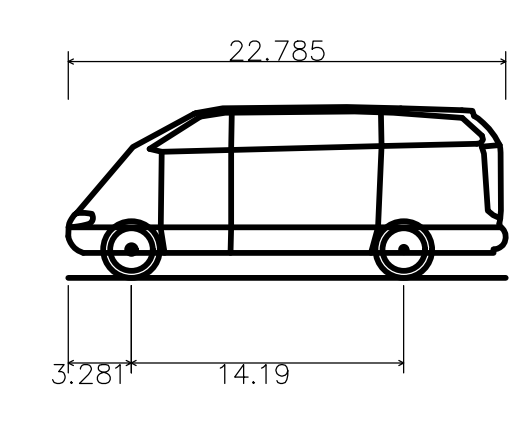
SHEET NUMBER:
C3.0

JSD PROJECT NO: 22-11487



JOHN NOLEN DRIVE
WI D.O.T. - WISCONSIN &
SOUTHERN RAILROAD

131 W WILSON ST



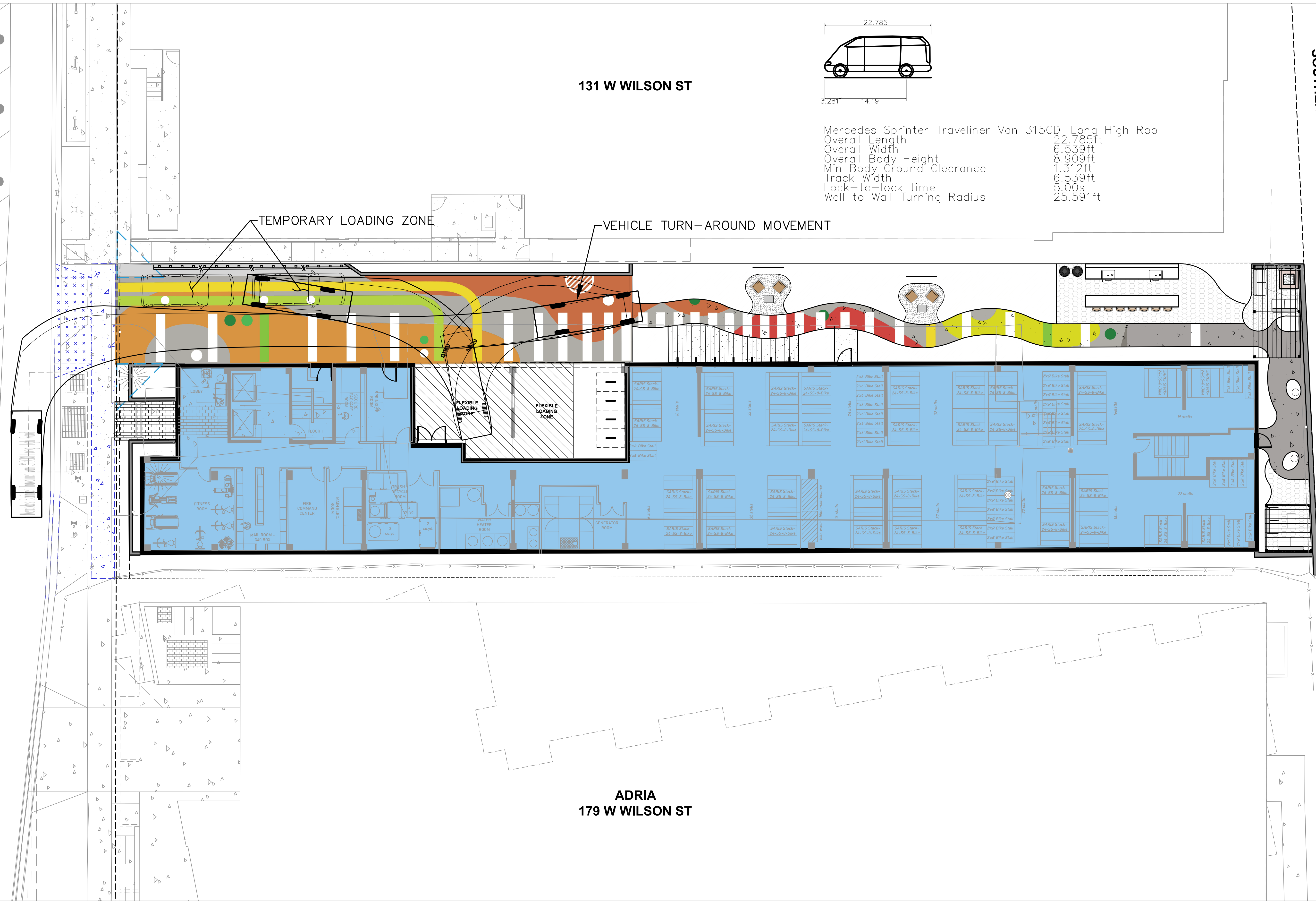
Mercedes Sprinter Traveliner Van 315CDI Long High Roo
Overall Length 22.785ft
Overall Width 6.539ft
Overall Body Height 8.909ft
Min Body Ground Clearance 1.312ft
Track Width 6.539ft
Lock-to-lock time 5.00s
Wall to Wall Turning Radius 25.591ft

WEST WILSON STREET

TEMPORARY LOADING ZONE

VEHICLE TURN-AROUND MOVEMENT

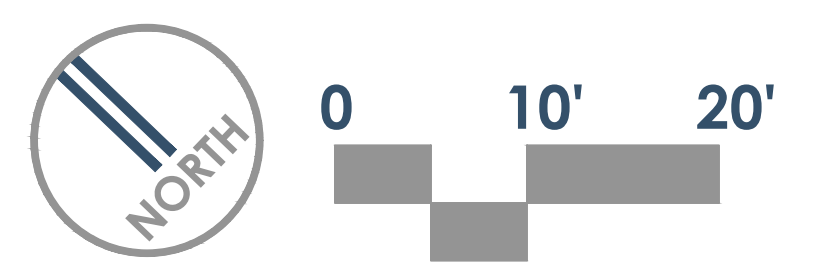
FLEXIBLE LOADING ZONE



ADRIA
179 W WILSON ST

139 WEST WILSON
MADISON, WI

SITE CIRCULATION AND LOADING EXHIBIT



File: I:\SDIN\Projects\2022\2211487\DWG\Civil Sheets\Exhibits\22-11487_Turn Movements - Movement 3 - Copy.dwg Layout: 22X34 PLANNING SHEET User: matt.saunders Plotted: Oct 10, 2025 - 2:45pm Xref's:

JOHN NOLEN DRIVE

WI D.O.T. - WISCONSIN & SOUTHERN RAILROAD

131 W WILSON ST

PROPOSED BUILDING

179 W WILSON ST

USABLE OPEN SPACE AREA
3,439 SF

ALL PROPOSED IMPROVEMENTS WITHIN THE PUBLIC RIGHT-OF-WAY OR CONNECTIONS TO CITY OWNED UTILITIES SHALL BE COMPLETED PER THE CITY ISSUED IMPROVEMENTS PLAN (CONTRACT NO. XXXX, PROJECT NO. XXXXX). IMPROVEMENTS PROPOSED WITHIN THE RIGHT-OF-WAY ON THE HUB - ULOM VILLAGER ON PARK PRIVATE DEVELOPMENT DRAWINGS ARE SHOWN FOR REFERENCE ONLY. CITY ISSUED PLANS GOVERN.

10' X 10' VISION TRIANGLE, TYP.

5.0' FRONT YARD SETBACK

UNDERGROUND MG&E VAULT
28'X18'x13'

5.0' SIDE YARD SETBACK

20.2' TOTAL DRIVEWAY WIDTH

8.0' TERRACE

5.0' WALK

PROPOSED SIDEWALK EASEMENT

CITY WILSON STREET IMPROVEMENTS (BY CITY)
SHOWN FOR REFERENCE ONLY

FLEXIBLE LOADING ZONE

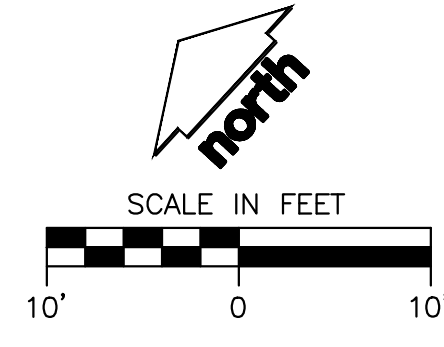
FLEXIBLE LOADING OVERHANG ZONE

10.0' REAR YARD SETBACK

12.5'

5.0' SIDE YARD SETBACK

SITE INFORMATION BLOCK	
SITE ADDRESS	139 WEST WILSON STREET
PROPERTY ACREAGE	0.395 ACRES
NUMBER OF BUILDING STORIES	16
TOTAL BUILDING SQUARE FOOTAGE	9,840
GROSS BUILDING SQUARE FOOTAGE	156,633
NUMBER OF PARKING STALLS	3
NUMBER OF ON-SITE BICYCLE STALLS	15
EXISTING IMPERVIOUS SURFACE AREA	16,693 SF
EXISTING PERVIOUS SURFACE AREA	500 SF
EXISTING IMPERVIOUS SURFACE AREA RATIO	0.97
PROPOSED IMPERVIOUS SURFACE AREAS	14,036 SF
PROPOSED PERVIOUS SURFACE AREA	3,157 SF
PROPOSED IMPERVIOUS SURFACE AREA RATIO	0.815



DIGGERS HOTLINE
Toll Free (800) 242-8511

PLAN MODIFICATIONS:		
#	Date	Description
1	08.04.2025	MUNICIPAL SUBMITTAL
2	10.13.2025	UDC SUBMITTAL
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: MAS
Reviewed By: KJN
Approved By:

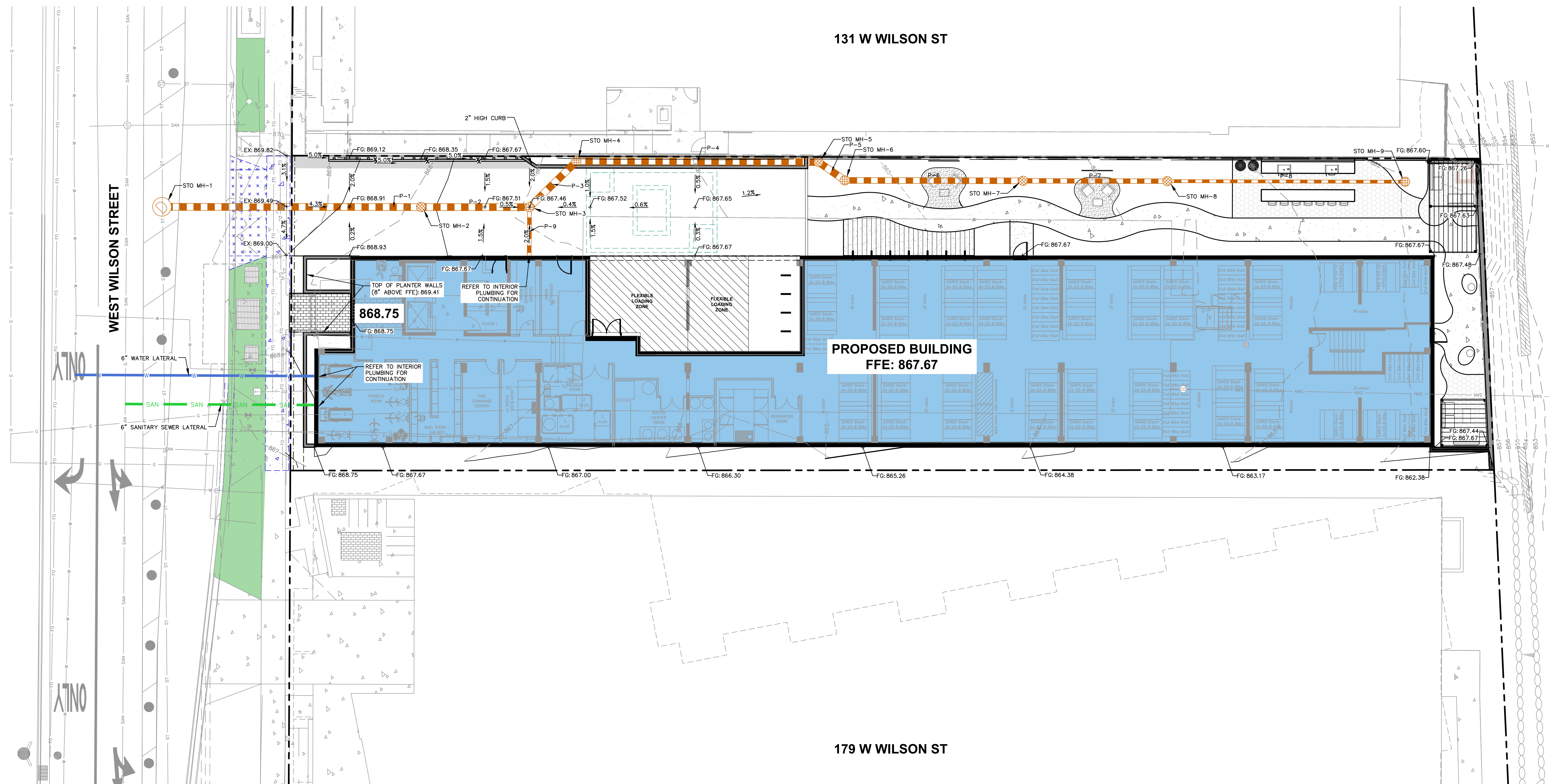
SHEET TITLE:
**SITE PLAN -
DIMENSIONED**

SHEET NUMBER:
C3.1

JSD PROJECT NO: 22-11487

131 W WILSON ST

179 W WILSON ST



PROPOSED BUILDING
FFE: 867.67

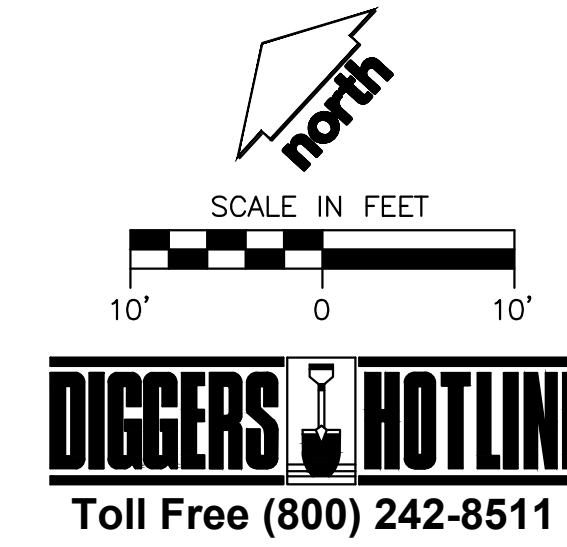
868.75

PROPOSED STORM SEWER STRUCTURE TABLE

LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
STO MH-1	869.13	EX SW INV: 862.09 (24") SE INV: 863.36 (18") EYNE INV: 862.09 (24")	7.0	48 IN MH	R-1550 SOLID GRATE
STO MH-2	868.14	NW INV: 863.64 (18") SE INV: 863.78 (18")	4.5	24 IN DB	DOMO GRATE
STO MH-3	867.46	E INV: 863.06 (18") NW INV: 863.96 (18") SW INV: 865.06 (10")	3.5	24 IN DB	DOMO GRATE
STO MH-4	867.62	SE INV: 864.03 (18") W INV: 864.03 (18")	3.6	24 IN DB	DOMO GRATE
STO MH-5	867.46	NW INV: 864.50 (18") S INV: 864.50 (18")	3.0	24 IN DB	DOMO GRATE
STO MH-6	867.04	N INV: 864.55 (18") SE INV: 864.55 (15")	2.5	24 IN DB	DOMO GRATE
STO MH-7	867.11	NW INV: 864.84 (15") SE INV: 864.84 (12")	2.3	12 IN DB	DOMO GRATE
STO MH-8	867.10	NW INV: 865.08 (12") SE INV: 865.08 (8")	2.0	12 IN DB	DOMO GRATE
STO MH-9	867.46	NW INV: 865.44 (8")	2.0	12 IN DB	DOMO GRATE

PROPOSED STORM SEWER PIPE TABLE

LABEL	FROM	TO	LENGTH	INVERT EL. (FT)	DISCHARGE EL. (FT)	SLOPE	SIZE & MATERIAL
P-1	STO MH-2	STO MH-1	55'	863.64	863.36	0.50%	18 IN RCP
P-2	STO MH-3	STO MH-2	23'	863.96	863.78	0.75%	18 IN HDPE
P-3	STO MH-3	STO MH-4	14'	863.96	864.03	0.54%	18 IN HDPE
P-4	STO MH-5	STO MH-4	52'	864.50	864.03	0.90%	18 IN HDPE
P-5	STO MH-6	STO MH-5	7'	864.55	864.50	0.78%	18 IN HDPE
P-6	STO MH-7	STO MH-6	36'	864.84	864.55	0.76%	15 IN HDPE
P-7	STO MH-8	STO MH-7	31'	865.08	864.84	0.76%	12 IN HDPE
P-8	STO MH-9	STO MH-8	51'	865.44	865.08	0.70%	8 IN HDPE
P-9	ROOF	STO MH-3	10'	865.27	865.06	2.00%	10 IN HDPE

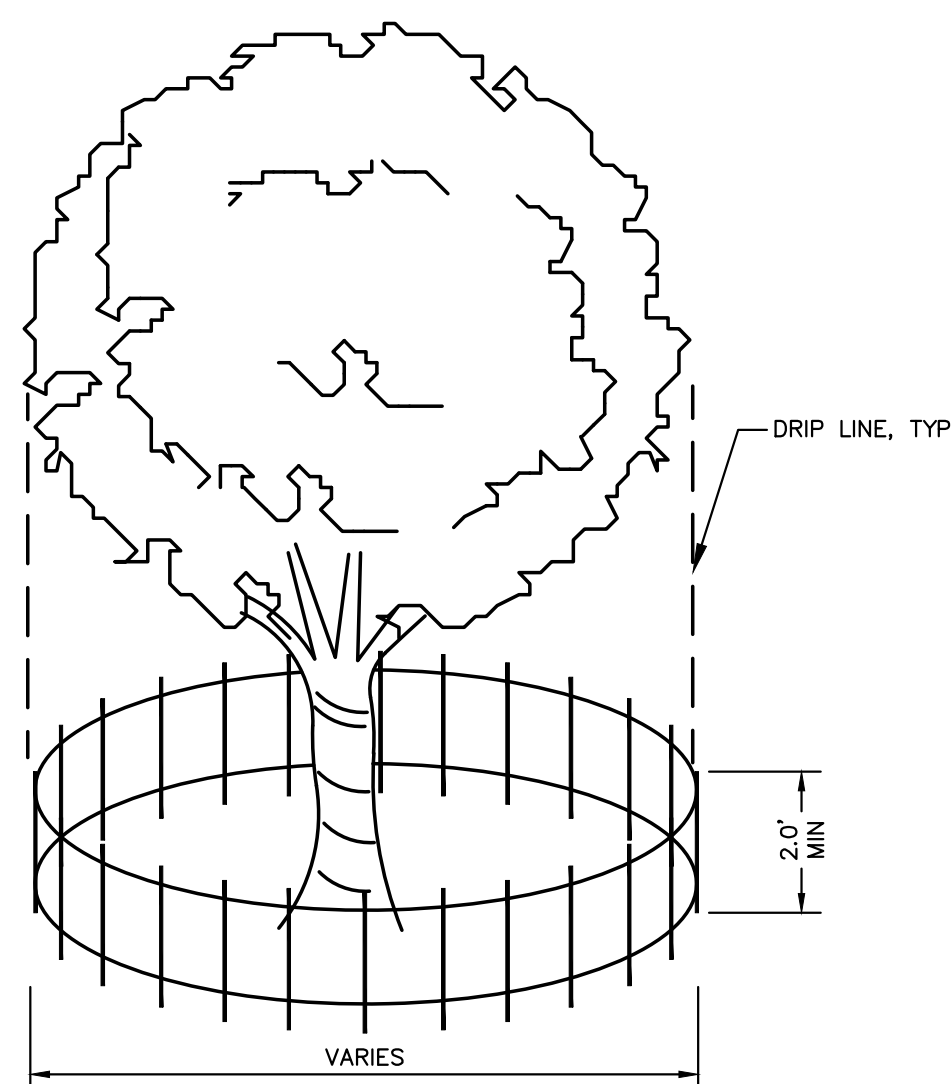


PLAN MODIFICATIONS:

#	Date	Description
1	08.04.2025	MUNICIPAL SUBMITTAL
2	10.13.2025	UDC SUBMITTAL
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

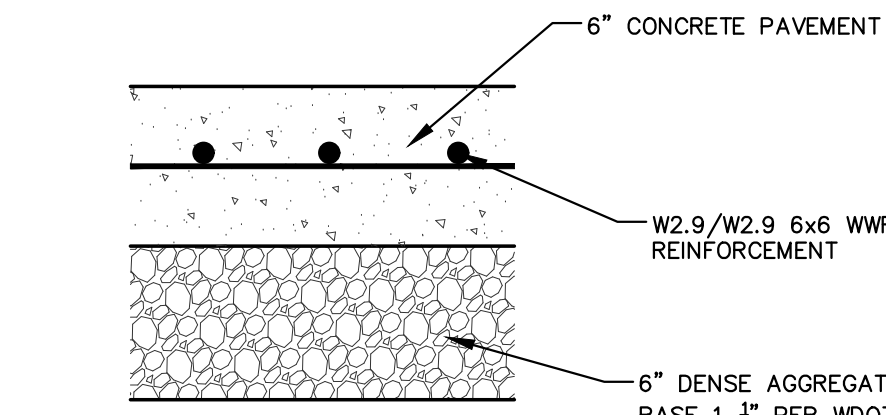
Designed By: MAM
Reviewed By: KLN
Approved By:
SHEET TITLE:
GRADING, EROSION CONTROL, AND UTILITY PLAN

SHEET NUMBER:
C4.0

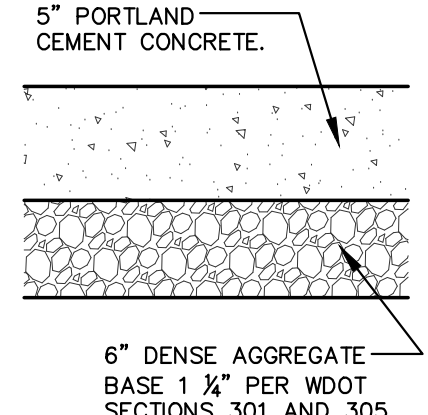


NOTE:
FENCE TO BE INSTALLED TO PROTECT EXISTING TREE(S) DURING CONSTRUCTION. CONTRACTOR TO COORDINATE FENCE LOCATION WITH OWNER PRIOR TO INSTALLATION. SILT FENCE MATERIAL OR OTHER APPROVED BARRIER MATERIAL MAY BE USED.

TREE PROTECTION
N.T.S.



HEAVY DUTY CONCRETE PAVEMENT SECTION



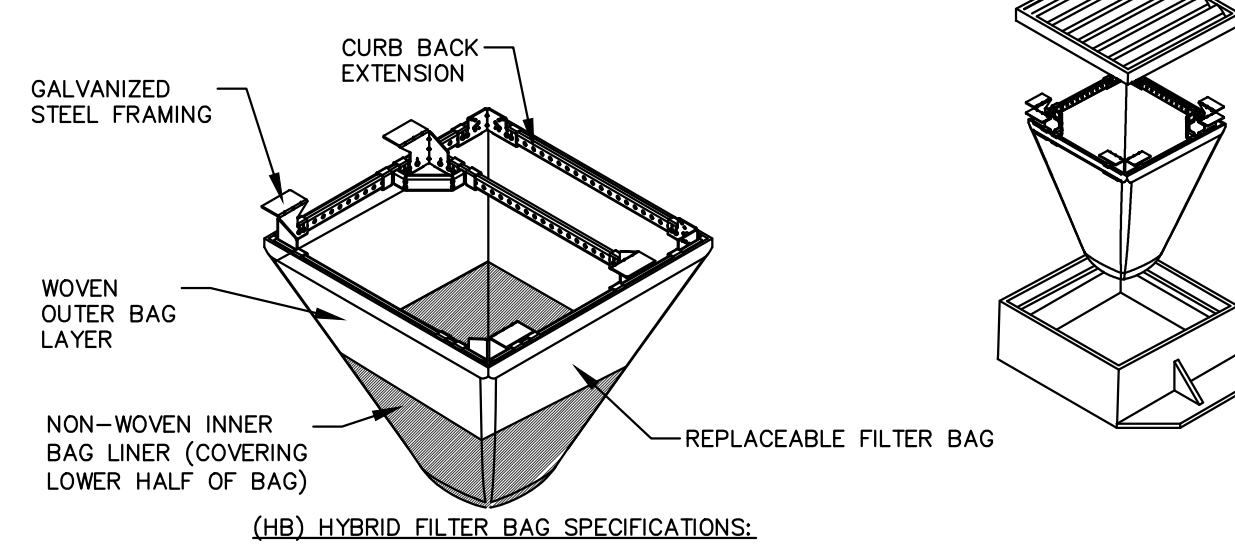
CONCRETE SIDEWALK SECTION

GENERAL NOTES:

- FINAL PAVEMENT CROSS SECTION DESIGN SHALL BE BASED ON GEOTECHNICAL REPORT TITLED "GEOTECHNICAL SUBSURFACE INVESTIGATION WILSON STREET APARTMENT BUILDING 402 WILSON STREET, MADISON, WISCONSIN" AS PREPARED BY GEOTEST DATED NOVEMBER 1, 2022.
- BASED ON THE GEOTECHNICAL EXPLORATION AND REPORT, RECOMPACTION/PROOF ROLLING TO BE COMPLETED PRIOR TO PLACEMENT OF PAVEMENTS. UNDERCUTTING OR STABILIZATION OF EXISTING SUB-BASE MATERIALS MAY BE REQUIRED.
- WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, INCLUDING SUPPLEMENTAL SPECIFICATIONS, COMPACTION REQUIREMENTS:
- CONCRETE: REFER TO SECTION 415
- BASE COURSE: REFER TO SECTION 301.3.4.2, STANDARD COMPACTION.
- CONCRETE EQUIPMENT PADS SHALL HAVE A MINIMUM 6" THICK PORTLAND CEMENTER CONCRETE OVER COMPACTED 6" THICK DENSE GRADED BASE WITH REINFORCEMENT FOR CRACK CONTROL.

CONCRETE PAVEMENT SECTIONS
N.T.S.

FLEXSTORM INLET FILTERS TO MEET DANE COUNTY EROSION CONTROL STANDARDS



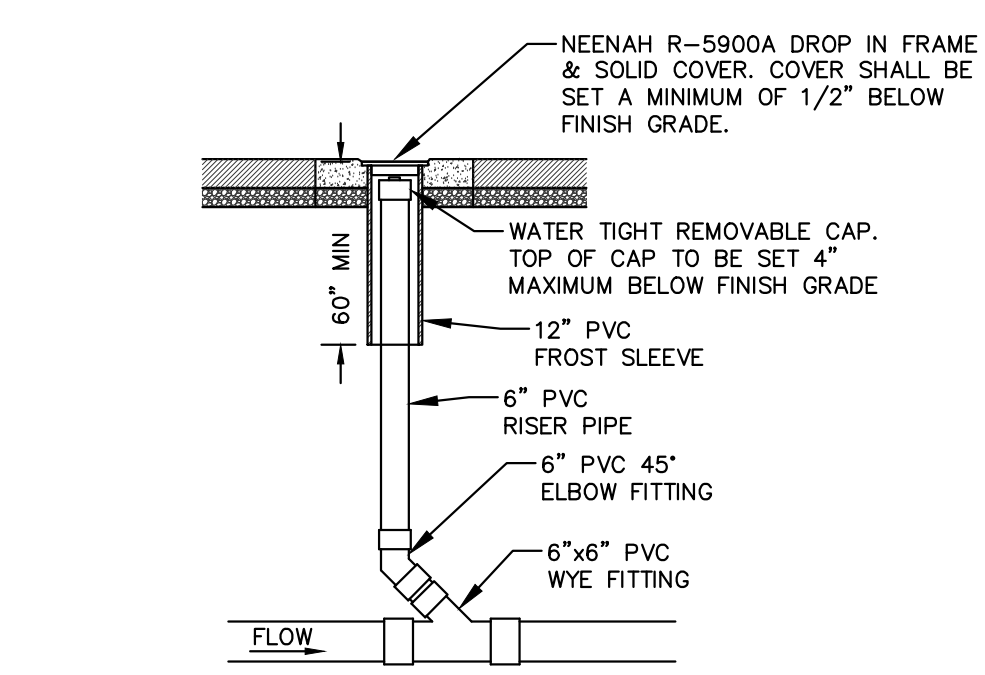
(HB) HYBRID FILTER BAG SPECIFICATIONS:

CATCH-IT INLET FILTER (Temporary Inlet Protection)							
Nearsh Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft)	Flow Ratings (CFS)	ADS PIN	
					HB (Hybrid Bag)		
3087	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.2	5.8	62LCB8X7HB
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	1.1	3.3	62LCB3624HB
3030	Square Flat (SQ)	23 x 16	20.5 x 13.5	1.6	0.7	2.2	62MCR2316HB
3087-C	Square Flat (SQ)	35.25 x 17.75	33 x 15	3.2	1.0	5.2	62LSQ2818HB
R-2501	Round (RD)	-28	-24	2.3	0.8	5.2	62MRD28HB
R-172-2580	Round (RD)	22.25 x 23.5	20.5 x 21	1.5	0.8	4.8	62MRD22HB

- INSTALLATION INSTRUCTIONS:**
- REMOVE GRATE FROM THE DRAINAGE STRUCTURE.
 - CLEAN STONE AND DIRT FROM LEDGE (LIP) OF DRAINAGE STRUCTURE.
 - DROP THE INLET FILTER THROUGH THE CLEAR OPENING SUCH THAT THE HANGERS REST FIRMLY ON THE LIP OF THE STRUCTURE.
 - REPLACE THE GRATE AND CONFIRM IT IS NOT ELEVATED MORE THAN 1/8"

- MAINTENANCE GUIDELINES:**
- EMPTY THE SEDIMENT BAG IF MORE THAN HALF FILLED WITH SEDIMENT AND DEBRIS.
 - REMOVE THE GRATE, ENGAGE THE LIFTING POINTS, AND LIFT FILTER FROM THE DRAINAGE STRUCTURE.
 - DISPOSE OF SEDIMENT AND DEBRIS BY THE ENGINEERING OR MAINTENANCE CONTRACTOR. ALTERNATIVELY, AN INDUSTRIAL VACUUM CAN BE USED TO COLLECT SEDIMENT FROM THE FILTER BAG.

Woven and Non-Woven Geotextile Filter Bag Properties (Minimum Average Roll Values)			
PROPERTY	TEST METHOD	WOVEN (OUTER)	NON-WOVEN (INNER)
TENSILE STRENGTH	ASTM D4862	300 x 25 lbs	100 lbs
ELONGATION	ASTM D4862	20% - 15%	5%
PERMEABILITY	ASTM D4863	500-750	45-100
TRANSVERSAL TENSILE	ASTM D4863	100-150	45-100
UV RESISTANCE	ASTM D4865	90%	70%
OPENING SIZE (AOS)	ASTM D4861	20 US10 SEIVE	40 US10 SEIVE
PERMEABILITY	ASTM D4861	1.5 sec ¹	2.0 sec ¹
WATER FLOW RATE	ASTM D4861	200 gpm/100ft ²	140 gpm/100ft ²
MINIMUM FILTER BAG VOLUME		2 CUBIC FT	

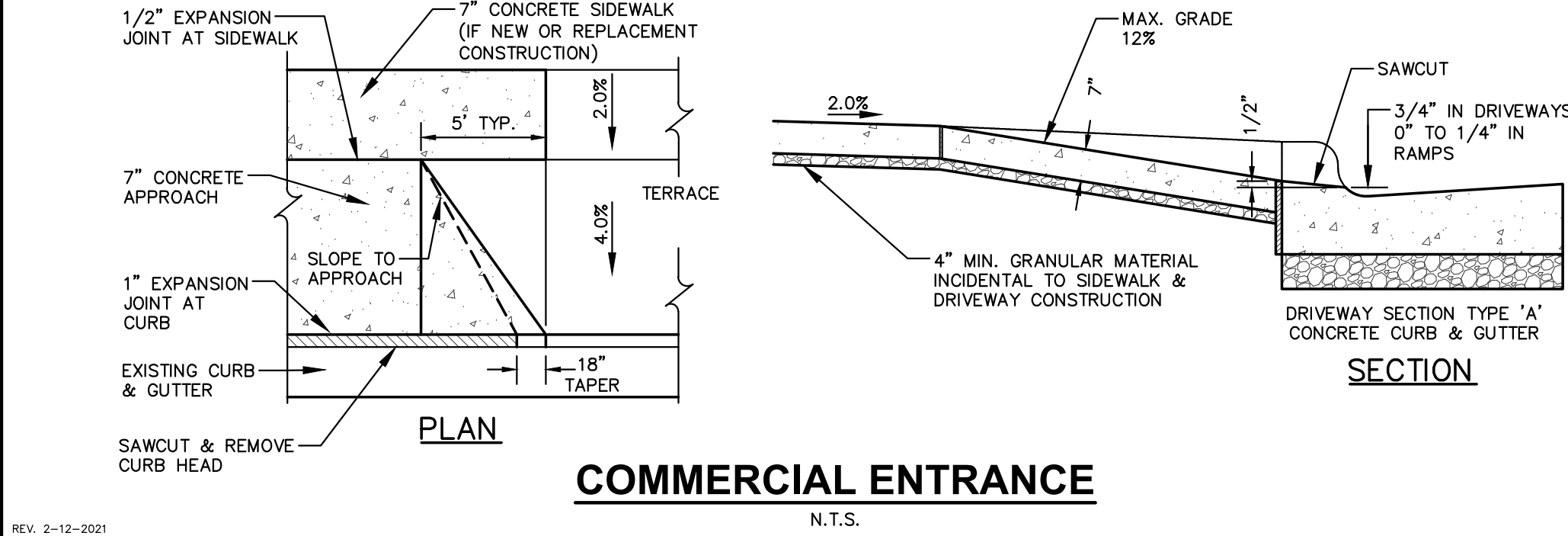


Comm Table 62.35

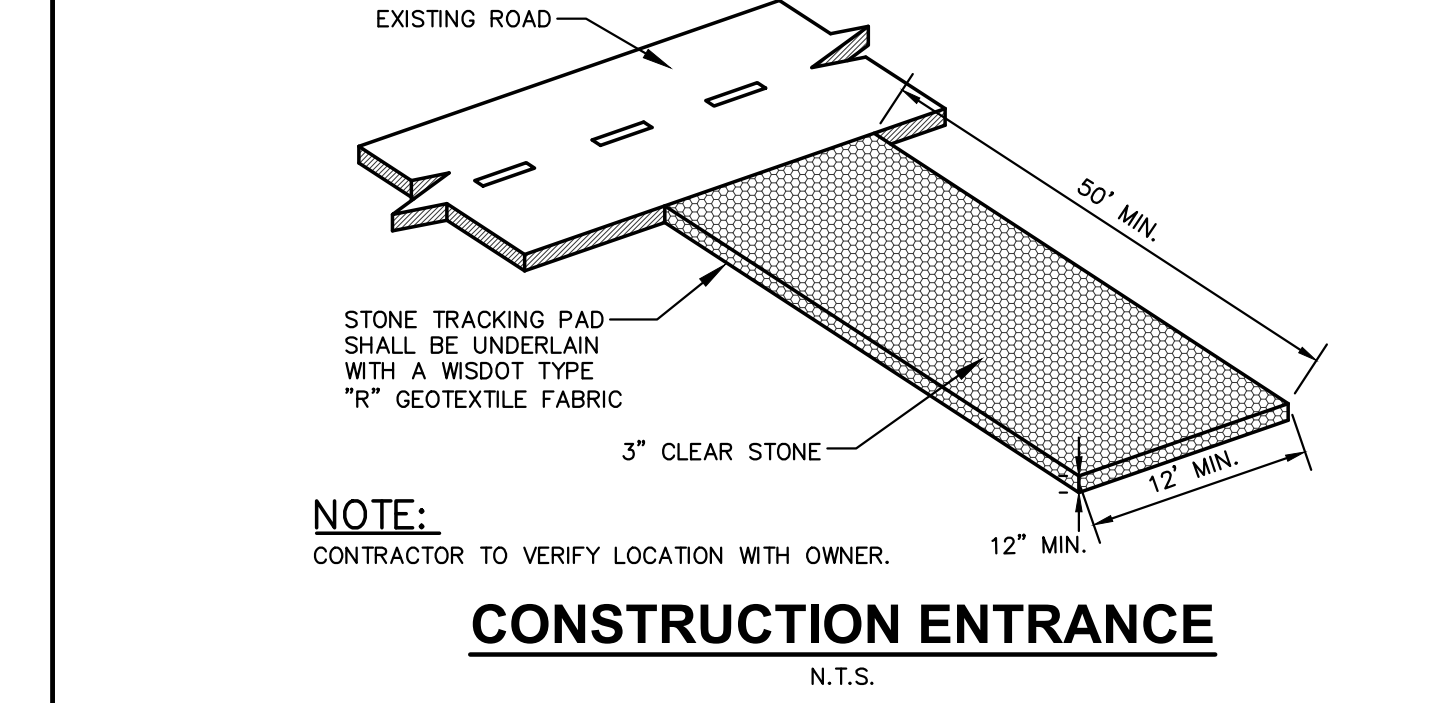
Dig. of Lateral	Min Dia of Cleanout Riser	Min Dia of Riser Cap
1.5	1.5	1.5
2	1.5	1.5
3	3	2.5
4	3	3.5
5	5	4
6	5	5
8+	6	6

Neenah Grates R-5900A 12-inch Pipe

SEWER CLEANOUT
N.T.S.



COMMERCIAL ENTRANCE
N.T.S.



CONSTRUCTION ENTRANCE
N.T.S.

STREETLIFE®

CorTen Bicycle Racks
BP-70-CT
Bike rack, wide version in weathering steel
ca. 70x7x75/100 cm | 28x3x30/39 inches (l x w x h1/h2)

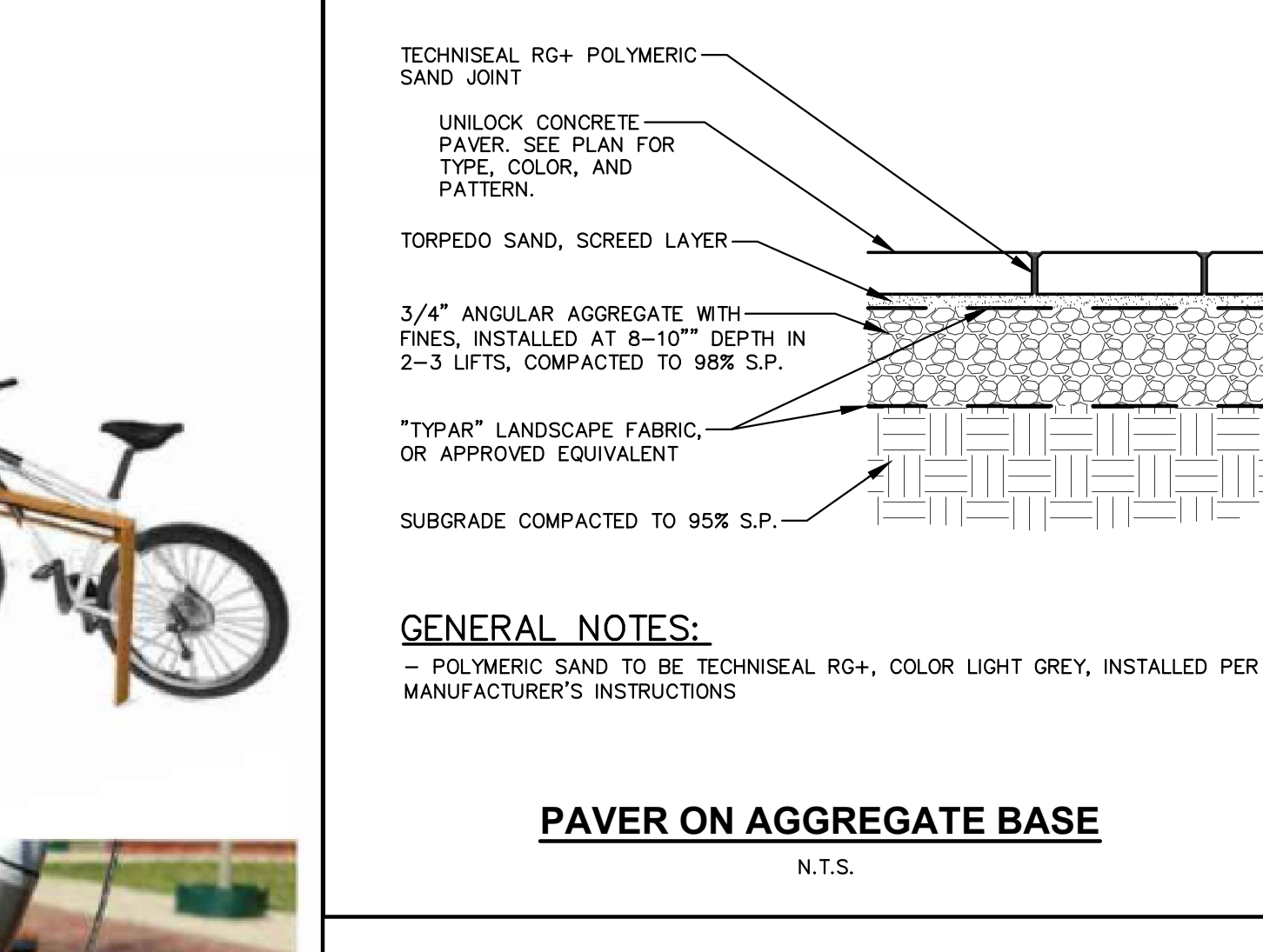
Specifications:

- Material: untreated CorTen steel, ca. 1 cm thick, **not yet weathered on delivery**
- Including horizontal black synthetic (PE/PP) protection strip fitted at the top
- Width ca. 7½cm | 3"
- Height above ground: ca. 75 cm | 30", height below grade ca. 25 cm | 10"
- Delivery: assembled
- Installation: **below grade as concrete ready or at a surcharge with an optional set of 2 underground linking pieces per rack, creating a spacing of 95 cm | 37"**

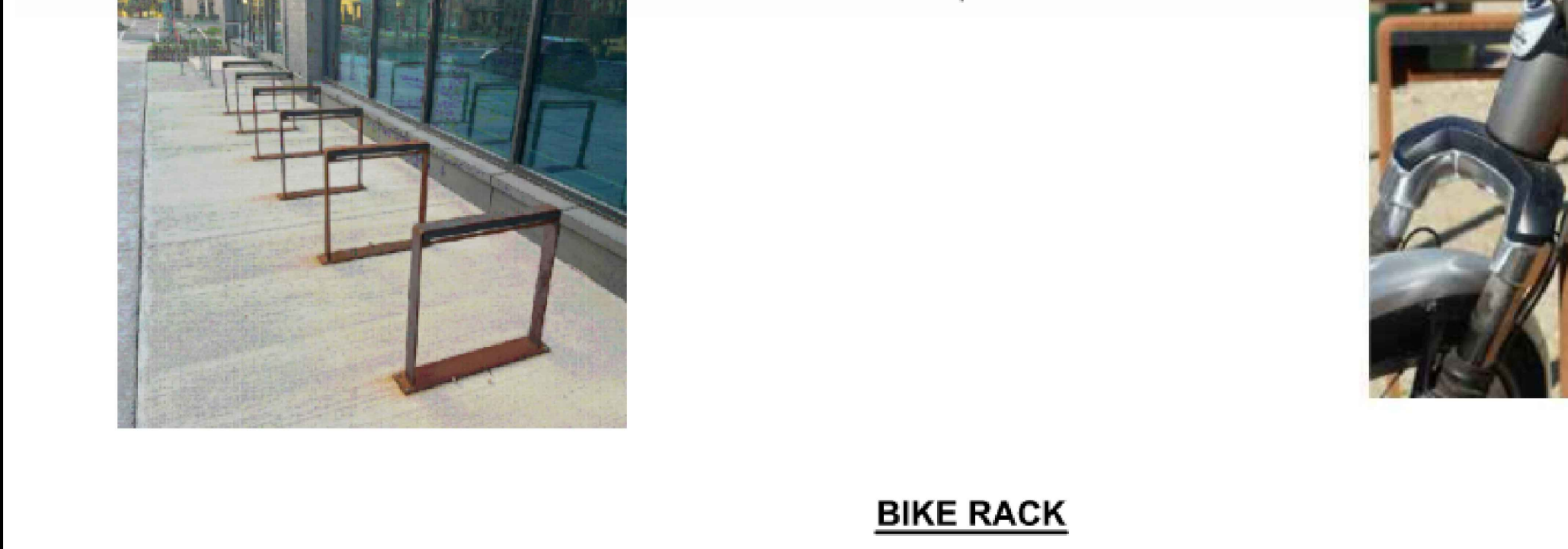
<https://www.streetlife.nl/en/products/corten-bicycle-racks>

OR APPROVED EQUAL

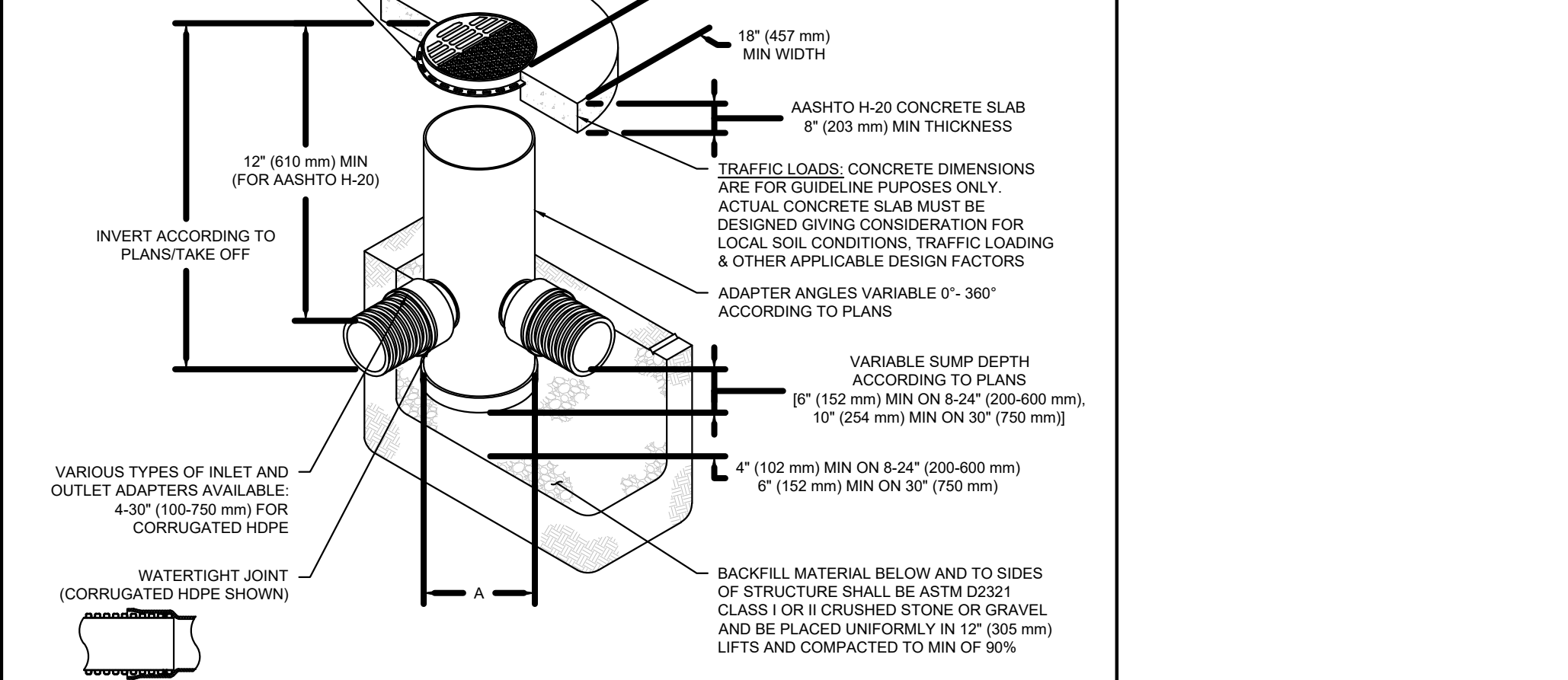
surface mounted per manufactures installation requirements



PAVER ON AGGREGATE BASE
N.T.S.



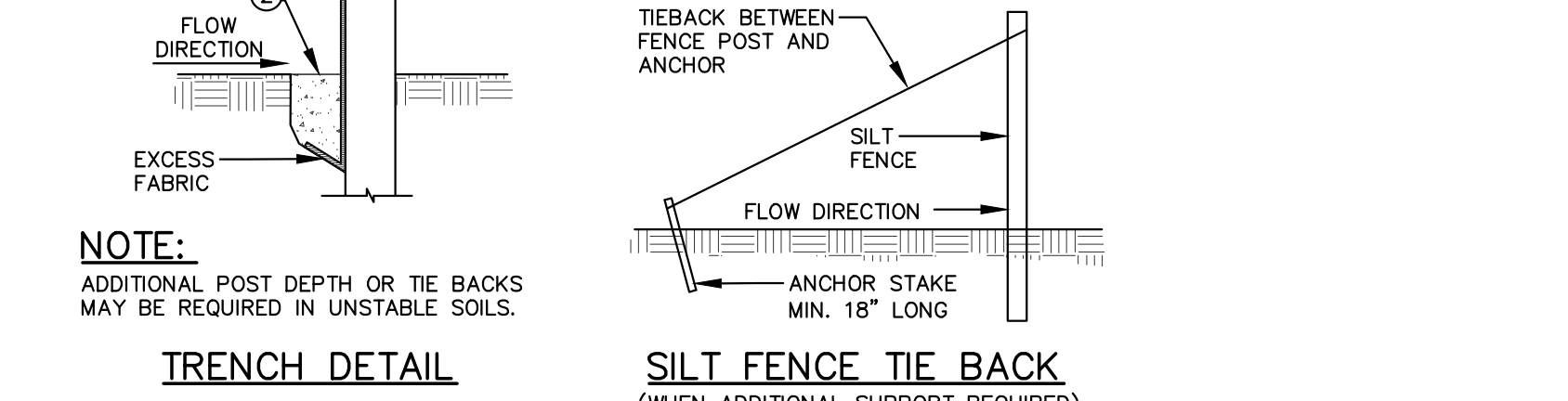
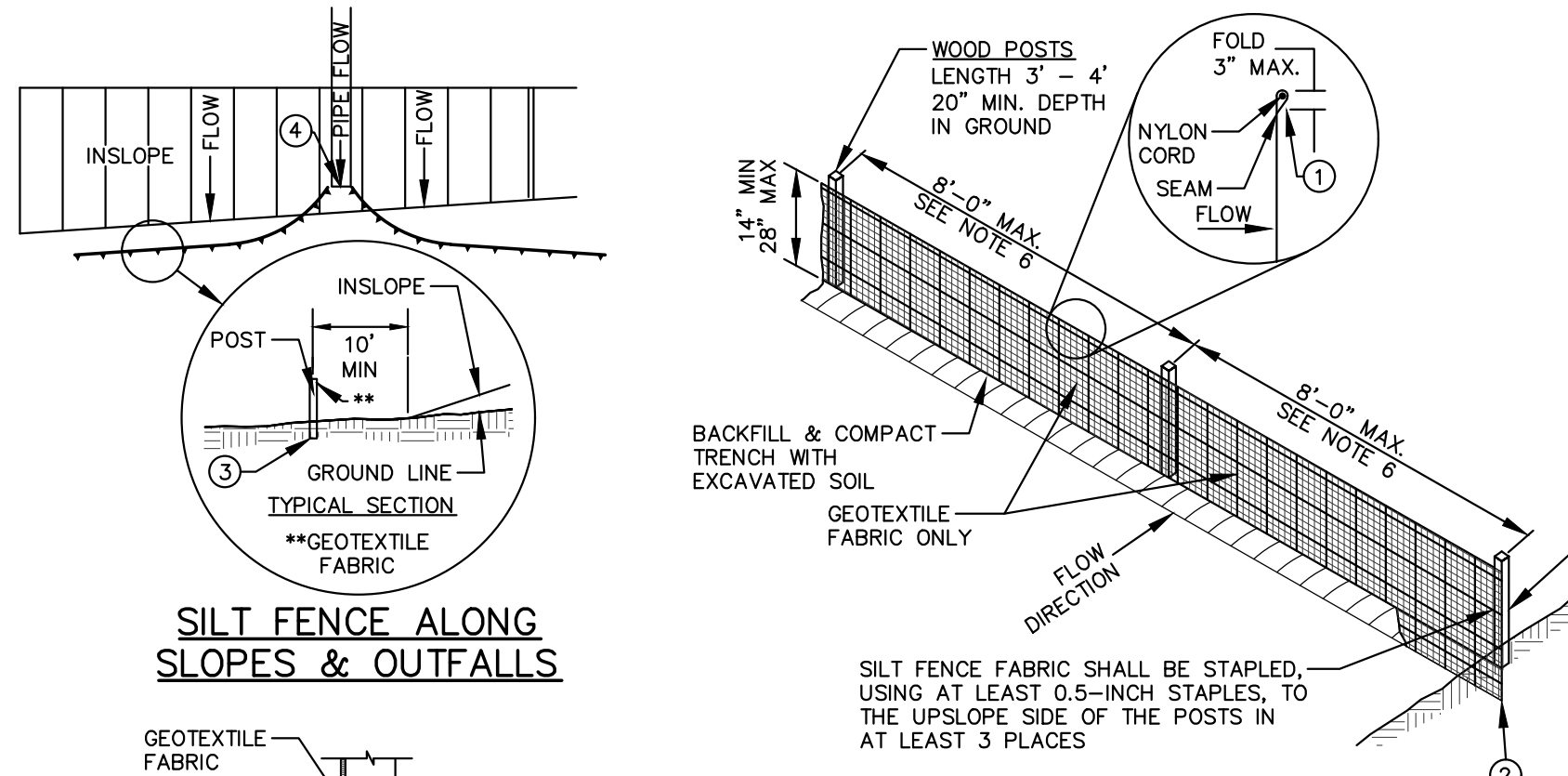
BIKE RACK
N.T.S.



- NOTES:**
- 8-30" (200-750 mm) GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
 - 15-30" (400-750 mm) FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3217
 - FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC
 - FOR COMPLETE DESIGN AND PRODUCT INFORMATION: WWW.NYLOPLAST-US.COM
 - TO ORDER CALL: 800-821-6710

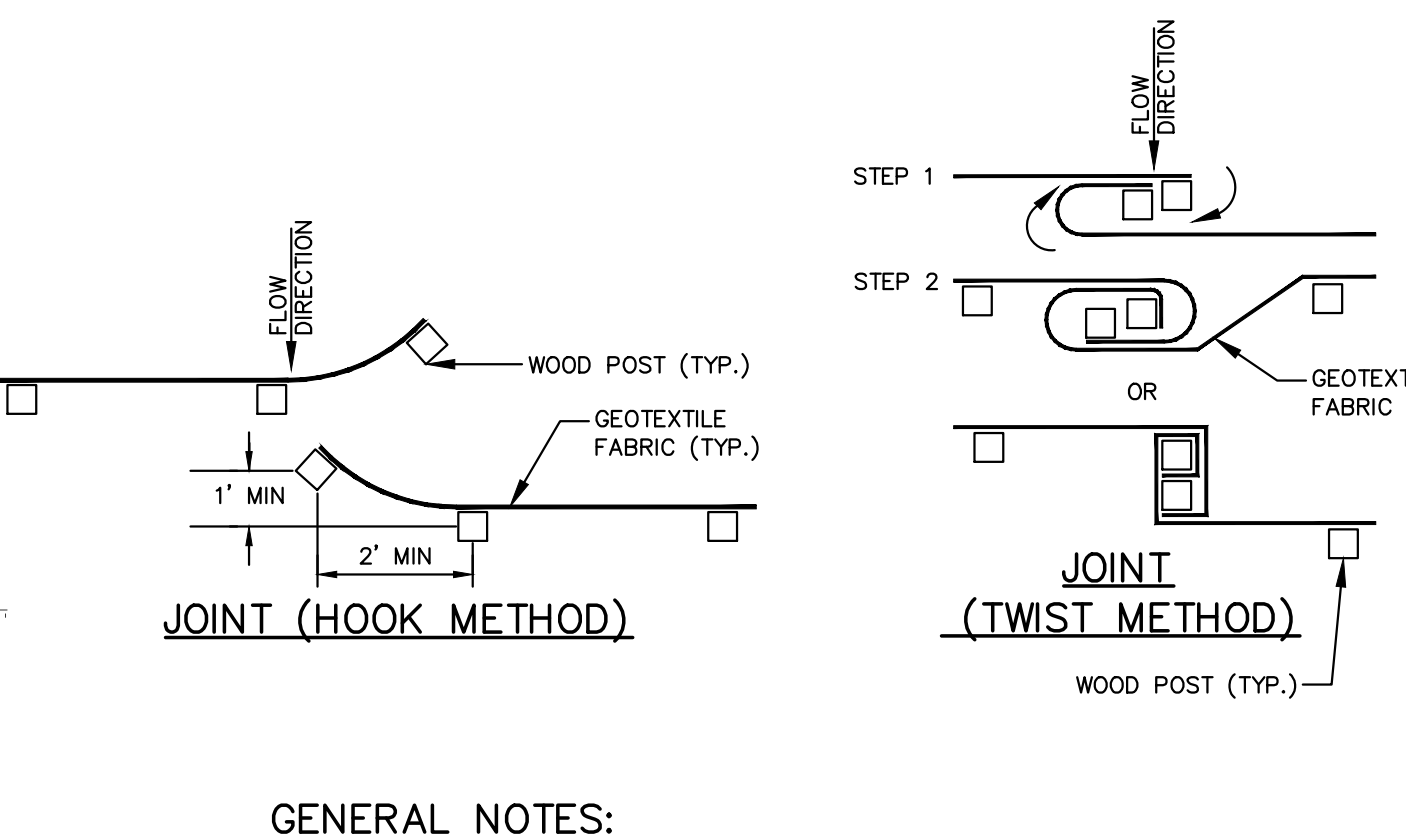
A	PART #	GRATE/SOLID COVER OPTIONS
8"	2808AG	PEDESTRIAN LIGHT DUTY / STANDARD LIGHT DUTY / SOLID LIGHT DUTY
10"	2810AG	PEDESTRIAN LIGHT DUTY / STANDARD LIGHT DUTY / SOLID LIGHT DUTY
12"	2812AG	PEDESTRIAN AASHTO H-10 / STANDARD AASHTO H-20 / SOLID AASHTO H-20
15"	2815AG	PEDESTRIAN AASHTO H-10 / STANDARD AASHTO H-20 / SOLID AASHTO H-20
18"	2818AG	PEDESTRIAN AASHTO H-10 / STANDARD AASHTO H-20 / SOLID AASHTO H-20
24"	2824AG	PEDESTRIAN AASHTO H-10 / STANDARD AASHTO H-20 / SOLID AASHTO H-20
30"	2830AG	PEDESTRIAN AASHTO H-20 / STANDARD AASHTO H-20 / SOLID AASHTO H-20

FRAMED INLET PROTECTION
N.T.S.



SILT FENCE
N.T.S.

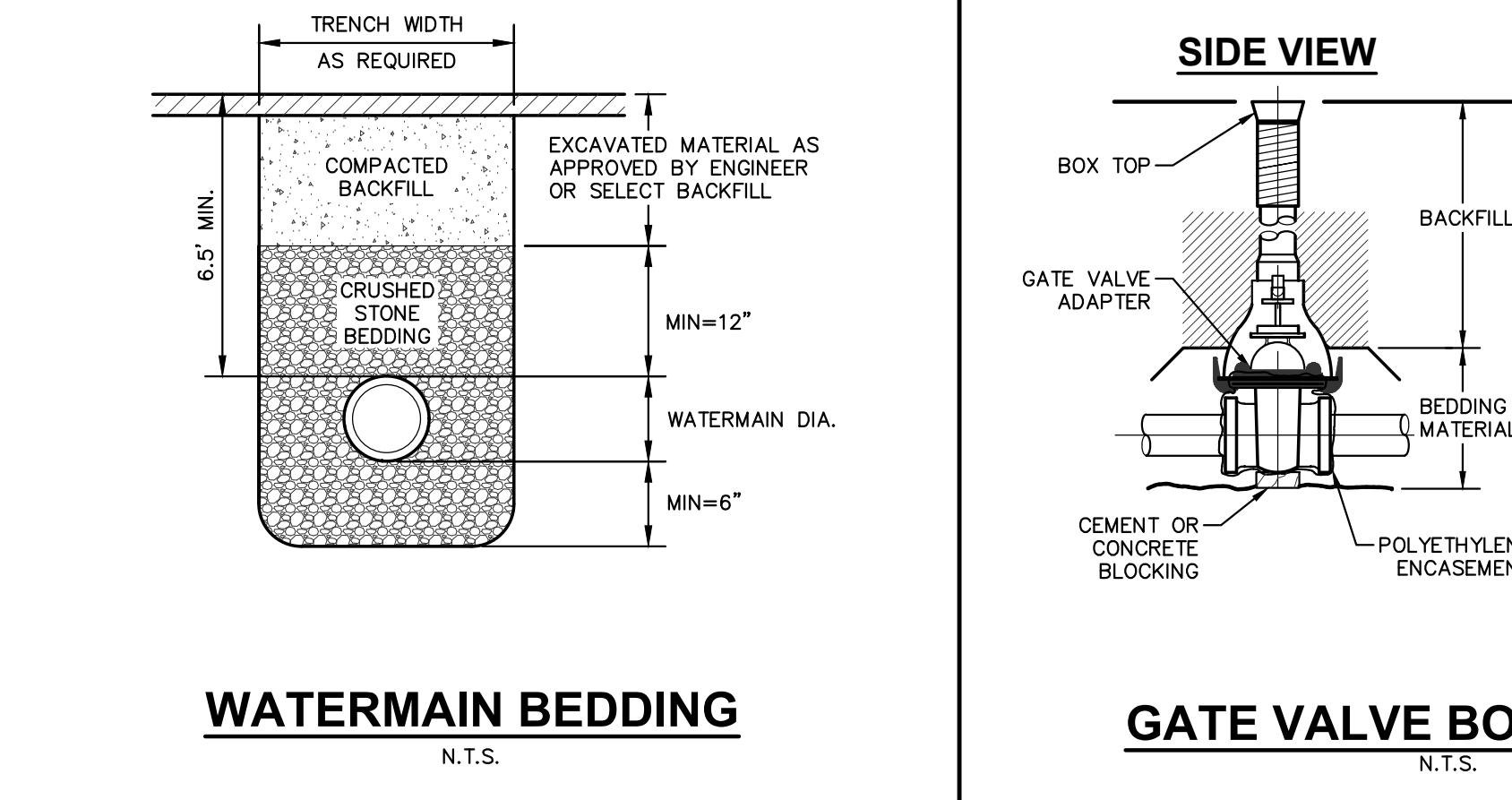
SEWER CLEANOUT
N.T.S.



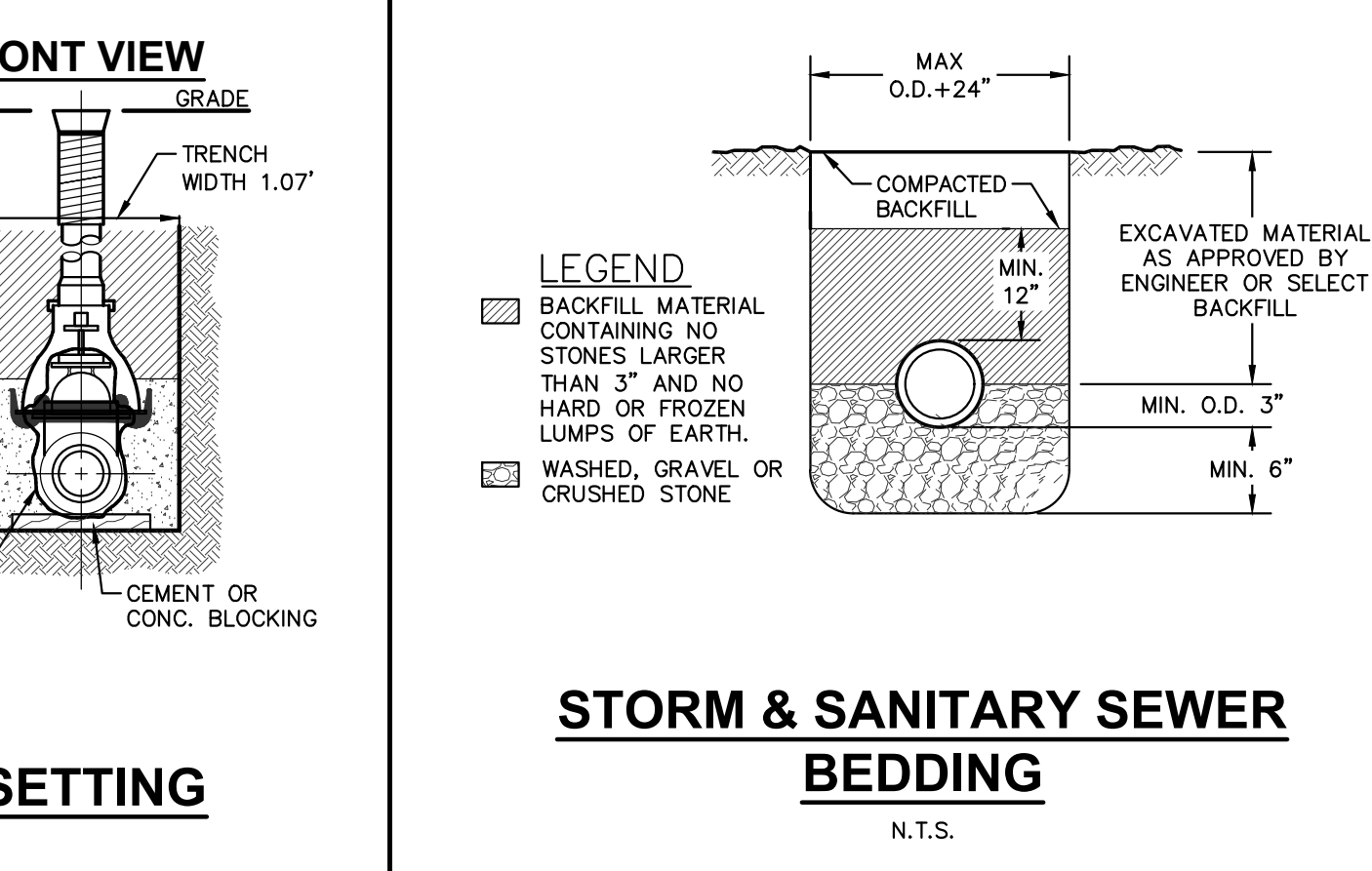
- GENERAL NOTES:**
- SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8-INCHES OF FABRIC IN A 4-INCH WIDE AND 6-INCH DEEP TRENCH OR 6-INCH DEEP V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. TRENCHES SHALL NOT BE EXCAVATED WIDER OR DEEPER THAN NECESSARY FOR PROPER INSTALLATION.
 - FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
 - WOOD POSTS SHALL BE A MINIMUM SIZE OF 1.125-INCHES x 1.125-INCHES OF DRIED OAK OR HICKORY.
 - SILT FENCE TO EXTEND ABOVE THE TOP OF PIPE.
 - SILT FENCE CONSTRUCTION AND GEOTEXTILE FABRIC SHALL CONFORM TO MDNR TECHNICAL STANDARD 1056.
 - POST SPACING SHALL BE SELECTED BASED ON GEOTEXTILE FABRIC (8- FEET FOR WOVEN & 3- FEET FOR NON-WOVEN)

NYLOPLAST DRAIN BASIN
N.T.S.

A	PART #	GRATE/SOLID COVER OPTIONS
8"	2808AG	PEDESTRIAN LIGHT DUTY / STANDARD LIGHT DUTY / SOLID LIGHT DUTY
10"	2810AG	PEDESTRIAN LIGHT DUTY / STANDARD LIGHT DUTY / SOLID LIGHT DUTY
12"	2812AG	PEDESTRIAN AASHTO H-10 / STANDARD AASHTO H-20 / SOLID AASHTO H-20
15"	2815AG	PEDESTRIAN AASHTO H-10 / STANDARD AASHTO H-20 / SOLID AASHTO H-20
18"	2818AG	PEDESTRIAN AASHTO H-10 / STANDARD AASHTO H-20 / SOLID AASHTO H-20
24"	2824AG	PEDESTRIAN AASHTO H-10 / STANDARD AASHTO H-20 / SOLID AASHTO H-20
30"	2830AG	PEDESTRIAN AASHTO H-20 / STANDARD AASHTO H-20 / SOLID AASHTO H-20



WATERMAIN BEDDING
N.T.S.



GATE VALVE BOX SETTING
N.T.S.



STORM & SANITARY SEWER BEDDING
N.T.S.

JSD

CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE
507 WEST VERONA AVE, SUITE 500
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:
TORQUE COMPANIES

PROJECT:
139 WEST WILSON ST REDEVELOPMENT

PROJECT LOCATION:
**139 WEST WILSON ST
MADISON, WI 53703**

PLAN MODIFICATIONS:

#	Date	Description
1	08.04.2025	MUNICIPAL SUBMITTAL
2	10.13.2025	UDC SUBMITTAL
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: MAM
Reviewed By: KJN
Approved By:

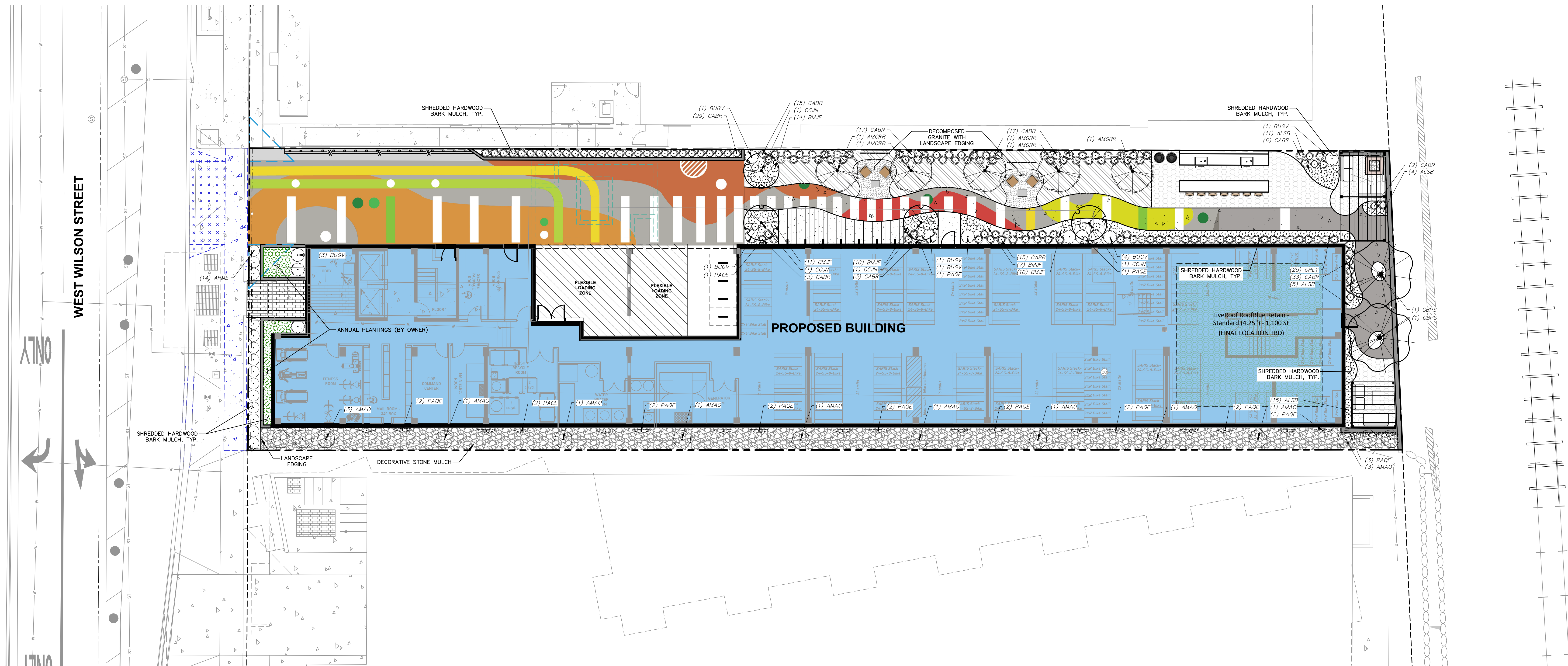
SHEET TITLE:
DETAILS

SHEET NUMBER:
C5.0

JSD PROJECT NO: 22-11487

File: JSD\INC\project\2025\2211487\DWG\CD\Sheet\CD5.DWG User: Kevin Veska PlotDate: Oct 16, 2025 9:45am Xrefs:

THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF JSD PROFESSIONAL SERVICES, INC.



PLANT SCHEDULE					
SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QTY
DECIDUOUS TREES					
	GBPS	<i>Ginkgo biloba</i> 'Princeton Sentry' Princeton Sentry Maidenhair Tree	B & B	2.5"Cal	2
ORNAMENTAL TREES					
	AMGR	<i>Amelanchier x grandiflora</i> 'Robin Hill' Robin Hill Apple Serviceberry	B & B	6' Ht. (min)	5
	CCJN	<i>Carpinus caroliniana</i> 'J.N. Upright' Firespire American Hornbeam	B & B	2.5"Cal	4
DECIDUOUS SHRUBS					
	AMAO	<i>Amelanchier alnifolia</i> 'Obelisk' Standing Ovation Serviceberry	B & B	Min. 5' tall	14
	ARME	<i>Aronia melanocarpa</i> 'UCONNAM165' Low Scope Mound Chokeberry	#3	Min. 12"	14
EVERGREEN SHRUBS					
	BUGV	<i>Buxus x 'Green Velvet'</i> Green Velvet Boxwood	#3	Min. 24"	12
PERENNIALS & GRASSES					
	ALSB	<i>Allium x 'Summer Beauty'</i> Summer Beauty Allium	#1	Min. 8"-18"	35
	BMJF	<i>Brunnera macrophylla</i> 'Jack Frost' Jack Frost Siberian Bugloss	#1	Min 8"-18"	52
	CABR	<i>Calamagrostis brachytricha</i> Korean Feather Reed Grass	#1	Min 8"-18"	140
	CHLY	<i>Chelone lyonii</i> 'Armitage 02' Tiny Tortuga Pink Turtlehead	#1	Min 8"-18"	25
	PAQE	<i>Parthenocissus quinquefolia engelmannii</i> Engelmann Virginia Creeper	#1	Min. 24"-36"	24
SYMBOL	CODE	BOTANICAL / COMMON NAME	SPACING	QTY	
GROUND COVERS					
	CAPE	<i>Carex pensylvanica</i> Pennsylvania Sedge	4" plug	8" o.c.	1,307

LEGEND	
	PROPERTY LINE
	RIGHT-OF-WAY
	EASEMENT LINE
	BUILDING OUTLINE
	BUILDING OVERHANG
	EDGE OF PAVEMENT
	STANDARD CURB AND GUTTER
	CONCRETE PAVEMENT
	HEAVY DUTY CONCRETE PAVEMENT
	ANNUAL PLANTINGS BY OWNER
	DECORATIVE STONE MULCH
	DECOMPOSED GRANITE
	GREEN ROOF
	RETAINING WALL
	TREE UPLIGHTING
	BIKE RACK
	ALUMINUM EDGING

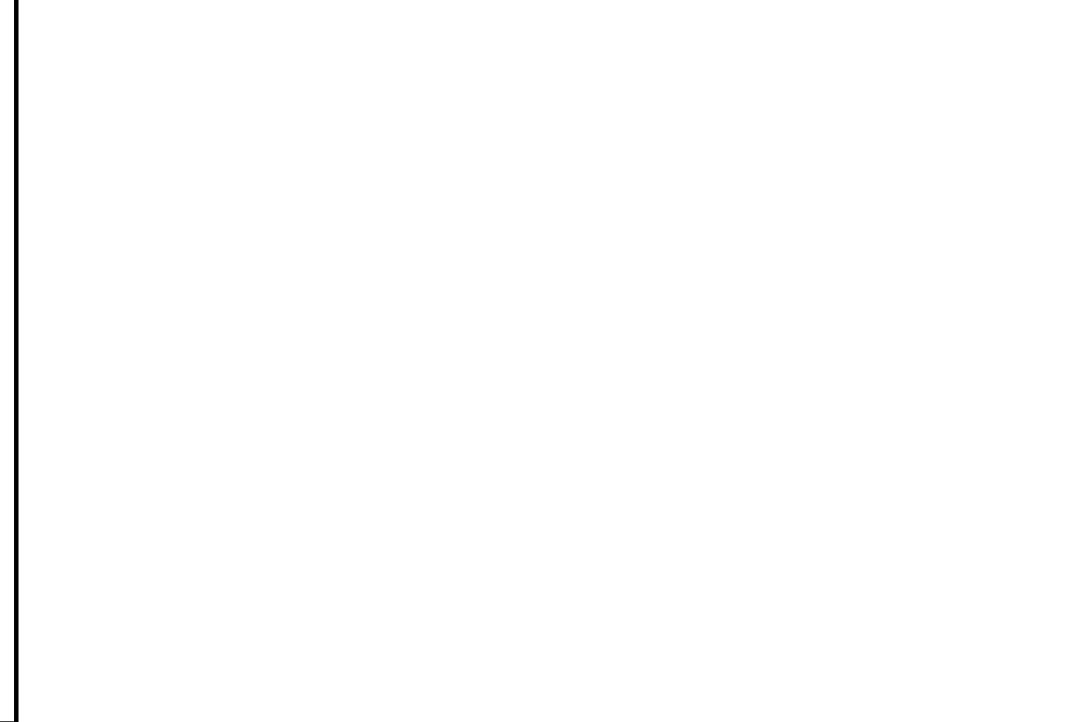
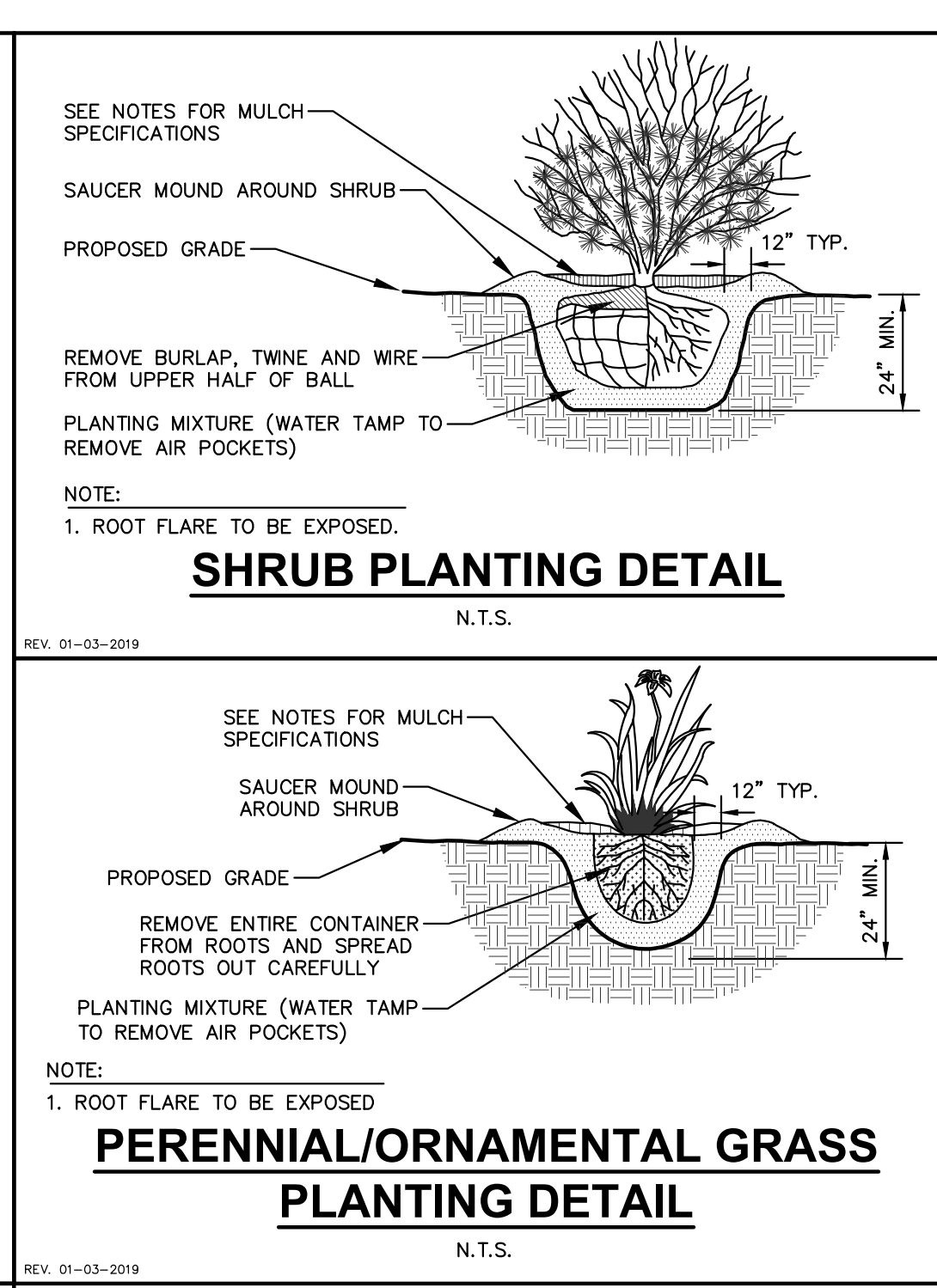
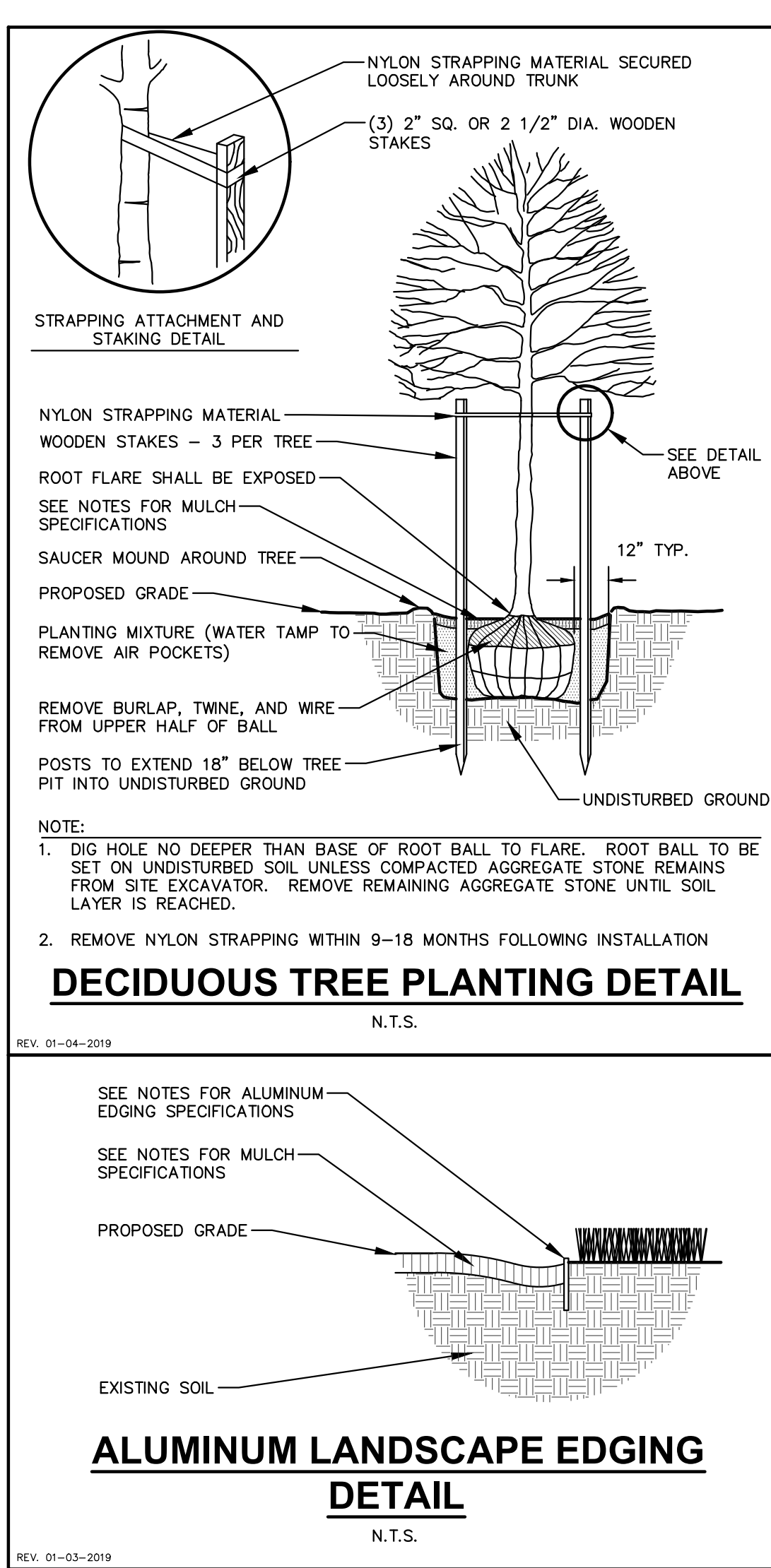
- GENERAL NOTES**
- REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGEND.
 - ALL WORK IN THE ROW SHALL BE IN ACCORDANCE WITH THE MUNICIPAL STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
 - JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.
 - DRAWING FOR REVIEW - NOT FOR CONSTRUCTION UNLESS OTHERWISE NOTED IN THE TITLE BLOCK.
 - THE LANDSCAPE CONTRACTOR SHALL COORDINATE ALL FINE GRADING AND TOPSOILING WITH GENERAL CONTRACTOR.
 - REFER TO "LANDSCAPE DETAILS AND NOTES" SHEET FOR ADDITIONAL DETAILS, NOTES AND SPECIFICATION INFORMATION INCLUDING MATERIALS, GUARANTEE AND EXECUTION RELATED TO LANDSCAPE PLAN.
 - CONTRACTOR SHALL REVIEW SITE CONDITIONS FOR UTILITY CONFLICTS, DRAINAGE ISSUES, SUBSURFACE ROCK, AND PLANT PLACEMENT CONFLICTS PRIOR TO PLANT INSTALLATION. REPORT ANY CONDITIONS THAT MAY HAVE ADVERSE IMPACT ON PLANTING OPERATIONS TO LANDSCAPE ARCHITECT.
 - DO NOT COMMENCE PLANTING OPERATIONS UNTIL ALL ADJACENT SITE IMPROVEMENTS, IRRIGATION INSTALLATION (IF APPLICABLE), AND FINISH GRADING ARE COMPLETE.

PLAN MODIFICATIONS:		
#	Date	Description
1	08.04.2025	MUNICIPAL SUBMITTAL
2	10.13.2025	UDC SUBMITTAL
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: MRA
Reviewed By: KJ
Approved By: KJ
SHEET TITLE:
LANDSCAPE PLAN

SHEET NUMBER:
L1.0

JSD PROJECT NO: 22-11487



LANDSCAPE CALCULATIONS AND DISTRIBUTIONS

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot. There are three methods for calculating landscape points depending on the size of the lot and Zoning District.

(A) For all lots except those described in (B) and (C) below, five (5) landscape points shall be provided for each three hundred (300) square feet of developed area.

Total square footage of developed area: 4,315
Total landscape points required: 72

(B) For lots larger than five (5) acres, points shall be provided at five (5) points per three hundred (300) square feet for the first five (5) developed acres, and one (1) point per one hundred (100) square feet for all additional acres.

Total square footage of developed area: _____
Five (5) acres = _____
First five (5) developed acres = _____
Remainder of developed area: _____
Total landscape points required: _____

(C) For the Industrial - Limited (IL) and Industrial - General (IG) districts, one (1) point shall be provided per one hundred (100) square feet of developed area.

Total square footage of developed area: _____
Total landscape points required: _____

TABULATION OF LANDSCAPE CREDITS AND POINTS

PLANT TYPE/ELEMENT	MINIMUM INSTALLATION SIZE	POINTS	CREDITS / EXISTING LANDSCAPING		NEW / PROPOSED LANDSCAPING	
			QUANTITY	POINTS ACHIEVED	QUANTITY	POINTS ACHIEVED
OVERSTORY DECIDUOUS TREE	2.5' CAL MIN.	35	0	0	2	70
TALL EVERGREEN TREE	5-6' TALL MIN.	35	0	0	0	0
ORNAMENTAL TREE	1.5' CAL MIN.	15	0	0	9	135
UPRIGHT EVERGREEN SHRUB	3-4' TALL MIN.	10	0	0	0	0
SHRUB, DECIDUOUS	#3 CONT., MIN. 12" x 24"	3	0	0	31	93
SHRUB, EVERGREEN	#3 CONT., MIN. 12" x 24"	4	0	0	9	36
ORNAMENTAL GRASS & PERENNIAL	#1 CONT., MIN. 8" x 18"	2	0	0	276	552
ORNAMENTAL / DECORATIVE FENCING OR WALL	4 POINTS / 30 LF	4	0	0	0	0
EXISTING SIGNIFICANT SPECIMAN TREE	14 POINTS / CAL. (MAXIMUM 200 POINTS PER TREE)	14	0	0	0	0
LANDSCAPE FURNITURE	5 POINTS PER SEAT (WITHIN PUBLICLY ACCESSIBLE DEVELOPED AREA, CANNOT COMBINE MORE THAN 50% TOTAL REQUIRED POINTS)	5	0	0	0	0
		SUBTOTAL		0		886
		TOTAL NUMBER OF POINTS PROVIDED				886

- GENERAL NOTES**
- GENERAL: ALL WORK IN THE R-O-W AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS. JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCRETIONARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES. LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO UTILITIES PRIOR TO DIGGING. HAND DIG AND INSTALL ALL PLANTS THAT ARE NEAR EXISTING UTILITIES. PROTECT PREVIOUSLY INSTALLED WORK OF OTHER TRADES. CONTRACTOR IS RESPONSIBLE FOR STAKING THE PLANT MATERIALS PRIOR TO DIGGING AND PLACEMENT AND SHALL COORDINATE ALL FINE GRADING AND RESTORATION WITH THE GRADING CONTRACTOR.
 - DELIVERY AND HANDLING: DO NOT DELIVER MORE PLANT MATERIALS THAN CAN BE PLANTED IN ONE DAY UNLESS ADEQUATE, APPROPRIATE AND SECURE STORAGE IS PROVIDED AND APPROVED BY OWNER'S REPRESENTATIVE. AT ALL TIMES, PROTECT ALL PLANT MATERIALS FROM WIND AND DIRECT SUN. DELIVER PLANTS WITH LEGIBLE IDENTIFICATION LABELS. PROTECT PLANTS DURING DELIVERY AND DO NOT PRUNE PRIOR TO DELIVERY. ALL TREES AND SHRUBS SHALL BE PLANTED ON THE DAY OF DELIVERY. IF THIS IS NOT POSSIBLE, PROTECT THE PLANT MATERIALS ADEQUATELY WATERED TO PREVENT ROOT DESICCATION. DO NOT REMOVE CONTAINER GROWN STOCK FROM CONTAINERS BEFORE TIME OF PLANTING. DO NOT PICK UP CONTAINER GROWN PLANTS BY STEM OR ROOTS. ALL PLANTS SHALL BE LIFTED AND HANDLED FROM THE BOTTOM OF THE CONTAINER OR BALL. PERFORM ACTUAL PLANTING ONLY WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE IN ACCORDANCE WITH LOCAL ACCEPTED BEST HORTICULTURAL PRACTICES.
 - MATERIALS - PLANTS: ALL PLANTS SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1. PLANTS SHALL BE TRUE TO SPECIES AND VARIETY SPECIFIED AND NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST 2 YEARS. PLANTS SHALL BE FRESHLY DUG (DURING THE MOST RECENT FAVORABLE HARVEST SEASON). PLANTS SHALL BE SO TRAINED IN DEVELOPMENT AND APPEARANCE AS TO BE UNQUESTIONABLY SUPERIOR IN FORM, COMPACTNESS, AND SYMMETRY. PLANTS SHALL BE SOUND, HEALTHY, VIGOROUS, WELL BRANCHED AND DENSELY FOLIATED WHEN IN LEAF, AND FREE OF DISEASE AND INSECTS (ADULT EGGS, PUPAE OR LARVAE). THEY SHALL HAVE HEALTHY, WELL-DEVELOPED ROOT SYSTEMS AND SHALL BE FREE FROM PHYSICAL DAMAGE OR OTHER CONDITIONS THAT WOULD PREVENT THRIVING GROWTH OR PREMATURE MORTALITY. PLANTS SHALL BE OF THE HIGHEST QUALITY, POSSESS TYPICAL GROWTH HABITS AND FORM FOR THEIR SPECIES AND BE FREE OF INJURY, PARKWAY TREES AND PARKING LOT TREES SHALL HAVE A MINIMUM BRANCHING HEIGHT OF SIX (6) FEET ABOVE THE GROUND TO ALLOW ADEQUATE VISUAL AND PHYSICAL CLEARANCE.
 - PRUNING: THE CONTRACTOR SHALL PRUNE ALL TREES AND REPAIR ANY INJURIES THAT OCCURRED DURING THE PLANTING PROCESS. DOUBLE LEADERS, DEAD BRANCHES, AND LIMBS DAMAGED OR BROWN SHOULD BE REMOVED. PRUNING SHALL BE LIMITED TO THE TOP OF THE TREE. PRUNING SHALL BE LIMITED TO THE PLANTING PROCESS. PRUNING SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN STANDARD FOR TREE CARE OPERATIONS, ANSI A300. PRUNE TREES IN ACCORDANCE WITH MAJORITY PRACTICES. ON CUTS OVER 3/4" IN DIAMETER AND BRUISES OR SCARS ON BARK, TRACE THE INJURED CAMBIAL TISSUE BACK TO REMOVE. SMOOTH AND SHARP WOUNDS SO AS NOT TO RETAIN WATER. TREAT THE AREA WITH AN APPROVED INCONSPICUOUS LATEX BASED ANTISEPTIC TREE PAINT. IF PRUNING OCCURS "IN SEASON", DO NOT PRUNE ANY OAK TREES DURING THE MONTHS FROM APRIL TO OCTOBER.
 - CLEANUP: THE WORK AREA SHALL BE KEPT SAFE AND NEAT AT ALL TIMES. DISPOSED OF EXCESS SOIL. REMOVE ALL CUTTINGS AND WASTE MATERIALS. SOIL AND BRANCHES, BIND AND WRAP THESE MATERIALS, ANY REJECTED PLANTS, AND ANY OTHER DEBRIS RESULTING FROM ALL PLANTING TASKS AND PROMPTLY CLEAN UP AND REMOVE FROM THE PROJECT SITE. UNDER NO CIRCUMSTANCES SHALL THE ACCUMULATION OF SOIL, BRANCHES OR OTHER DEBRIS BE ALLOWED UPON A PUBLIC PROPERTY IN SUCH A MANNER AS TO RESULT IN A PUBLIC SAFETY HAZARD OR DAMAGE. LIKEWISE, UNDER NO CIRCUMSTANCES SHALL ANY DEBRIS OR INCIDENTAL MATERIALS BE ALLOWED UPON ADJACENT PRIVATE PROPERTY.
 - ANY SUBSTITUTIONS IN PLANT TYPE, LOCATION, OR SIZE SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - CONTRACTOR TO VERIFY PLANT MATERIAL QUANTITIES AND SQUARE FOOTAGES. QUANTITIES SHOWN ON PLAN TAKE PRECEDENCE OVER THOSE ON SCHEDULE.

- LANDSCAPE MATERIAL NOTES**
- MATERIALS - PLANTING MIXTURE: ALL HOLES EXCAVATED FOR TREES, SHRUBS, PERENNIALS AND ORNAMENTAL GRASSES SHALL BE BACKFILLED WITH TWO (2) PARTS TOPSOIL, ONE (1) PART SAND AND ONE (1) PART COMPOST. SOIL MIXTURE SHALL BE WELL BLENDED PRIOR TO INSTALLATION.
 - MATERIALS - TOPSOIL: TOPSOIL TO BE CLEAN, FRIABLE LOAM FROM A LOCAL SOURCE, FREE FROM STONES OR DEBRIS OVER 3/4" IN DIAMETER, AND FREE FROM TOXINS OR OTHER DELETERIOUS MATERIALS. TOPSOIL SHALL HAVE A PH VALUE BETWEEN 6 AND 7. TOPSOIL AND PLANTING SOIL SHALL BE TESTED TO ENSURE CONFORMANCE WITH THESE SPECIFICATIONS AND SHALL BE AMENDED TO MEET THESE SPECIFICATIONS. PROVIDE TEST RESULTS TO OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT. DO NOT PLACE FROZEN OR MUDDY TOPSOIL. APPLY SOIL AMENDMENTS TO ALL LANDSCAPE AREAS PER SOIL TEST.
 - MATERIALS - SHREDED HARDWOOD BARK MULCH: ALL PLANTING AREAS LABELED ON PLAN SHALL RECEIVE CERTIFIED WEEB FREE SHREDED HARDWOOD BARK MULCH INSTALLED TO A MINIMUM AND CONSISTENT DEPTH OF 3-INCHES. SHREDED HARDWOOD BARK MULCH SIZE & COLOR TO BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. FERTILIZER SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY AND STATE REQUIREMENTS. SHREDED HARDWOOD BARK MULCH AREAS SHALL NOT RECEIVE WOVEN WEED BARRIER FABRIC.
 - MATERIALS - DECORATIVE STONE MULCH: ALL PLANTING AREAS LABELED ON PLAN SHALL RECEIVE 1.5" BLUE GRANITE DECORATIVE STONE MULCH SPREAD TO A MINIMUM AND CONSISTENT DEPTH OF 3-INCHES. FERTILIZER SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY AND STATE REQUIREMENTS. STONE MULCH AREAS SHALL RECEIVE WOVEN WEED BARRIER FABRIC. NO PLASTIC/IMPERVIOUS BARRIERS WILL BE PERMITTED. EXAMPLE: BLACK VISQUEEN.
 - MATERIALS - TREE & SHRUB RINGS: ALL TREES AND/OR SHRUBS PLANTED IN SEED LAWN AREAS TO BE INSTALLED WITH A MINIMUM 4" DIAMETER SHREDED HARDWOOD BARK MULCH TREE RING SPREAD TO A CONSISTENT DEPTH OF 3-INCHES. ALL TREE RINGS SHOULD BE INSTALLED WITH A 5" DEPTH SHOVEL CUT EDGE AT A 5" DIAMETER ABOUT THE CENTER OF THE TREE PLANTING. A PRE-EMERGENT GRANULAR HERBICIDE WEED-PREVENTER SHOULD BE MIXED WITH MULCH USED TO INSTALL TREE RING AS WELL AS TOPICALLY APPLIED TO COMPLETED INSTALLATION OF TREE RING.
 - MATERIALS - ALUMINUM EDGING: EDGING SHALL BE 1/8" X 5", ALUMINUM EDGING, MILL FINISH. OWNER'S REPRESENTATIVE SHALL APPROVE PRODUCT SPECIFICATION PROVIDED BY LANDSCAPE CONTRACTOR.

- CONTRACTOR AND OWNER RESPONSIBILITY NOTES**
- GUARANTEE: THE CONTRACTOR SHALL GUARANTEE ALL PLANTS THROUGH ONE (1) YEAR AFTER ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PLANTS SHALL BE ALIVE AND IN HEALTHY AND FLOURISHING CONDITION AT THE END OF THE GUARANTEE PERIOD. THE CONTRACTOR SHALL REPLACE (AT NO COST TO OWNER) ANY PLANTS THAT ARE DEAD OR NOT IN A VIGOROUS THRIVING CONDITION. REPLACEMENT PLANTS SHALL BE OF THE SAME KIND AND SIZE AS ORIGINALLY SPECIFIED UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE. RESTORE BEDS AS NECESSARY FOLLOWING PLANT REPLACEMENT, INCLUDING BUT NOT LIMITED TO BEDDING, EDGING, MULCH, ETC. REPLACE PLANTS DAMAGED AT TIME OF PLANTING. REPAIR AREAS DISTURBED IN ANY WAY DURING PLANT REPLACEMENT AT NO COST TO OWNER. CONTRACTOR SHALL PROVIDE A ONE (1)-YEAR STRAIGHTENING GUARANTEE FOR ALL TREES.
 - CONTRACTOR IS RESPONSIBLE FOR STAKING THE PLANT MATERIALS FOR REVIEW BY OWNER'S REPRESENTATIVE PRIOR TO DIGGING AND PLACEMENT AND SHALL COORDINATE ALL FINE GRADING AND RESTORATION WITH THE GRADING CONTRACTOR.
 - MAINTENANCE: (CONTRACTOR) FOR ALL PLANTINGS, SEEDED AND/OR SODDED LAWN AREAS: THE CONTRACTOR SHALL MAINTAIN ALL PLANTINGS AND LAWN AREAS FOR A MINIMUM TIME PERIOD OF 60 DAYS, UNTIL FINAL ACCEPTANCE BY OWNER'S REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY WATERING PLANTS AND LAWN/TURFGRASS DURING THIS 60 DAY ESTABLISHMENT PERIOD. CONTRACTOR IS RESPONSIBLE FOR THE ESTABLISHMENT OF HEALTHY VIGOROUS PLANTINGS AND LAWN/TURFGRASS GROWTH. CONTRACTOR IS ALSO RESPONSIBLE FOR ANY PRUNING OF PLANT MATERIALS, AND SHAPING AND/OR REPLACEMENT OR SUPPLEMENT OF DEFICIENT SHREDED HARDWOOD BARK MULCH DURING THIS PERIOD. LONG TERM PLANT MATERIALS AND LAWN/TURFGRASS MAINTENANCE AND ANY PROGRAM FOR SUCH IS THE RESPONSIBILITY OF THE OWNER'S ALL PLANTINGS AND LAWN/TURFGRASS AREAS SHALL BE MAINTAINED IN A MANICURED CONDITION UNTIL THE TIME WHEN THE OWNER'S ACCEPTANCE IS GIVEN.
 - MAINTENANCE: (OWNER) THE OWNER IS RESPONSIBLE FOR THE CONTINUED MAINTENANCE, REPAIR AND REPLACEMENT OF ALL LANDSCAPING MATERIALS AND WEED BARRIER FABRIC AS NECESSARY FOLLOWING THE ONE (1) YEAR CONTRACTOR GUARANTEE PERIOD.

JSD

CREATE THE VISION TELL THE STORY

jsdinc.com

MADISON REGIONAL OFFICE
507 WEST VERONA AVE, SUITE 500
VERONA, WISCONSIN 53593
P. 608.848.5060

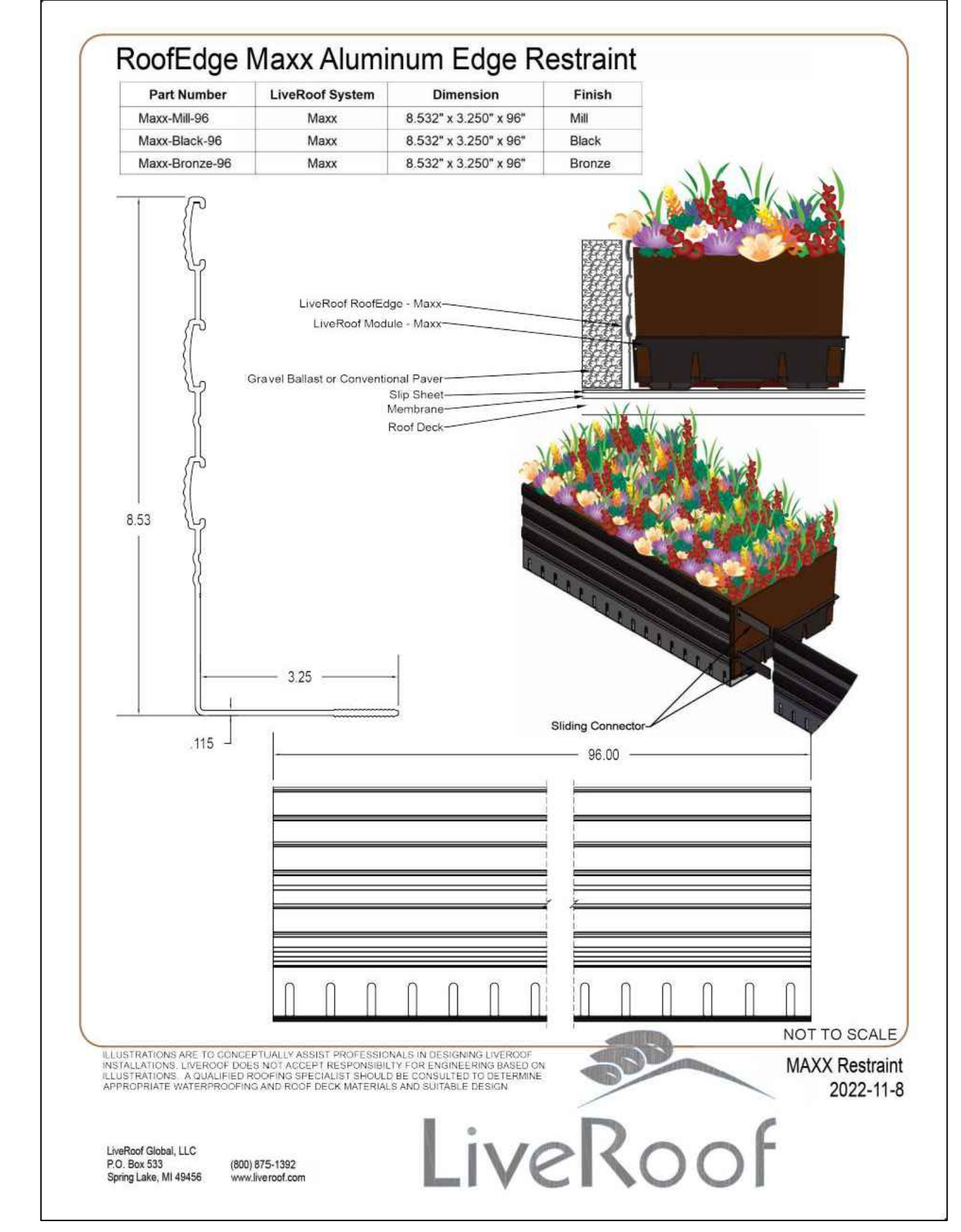
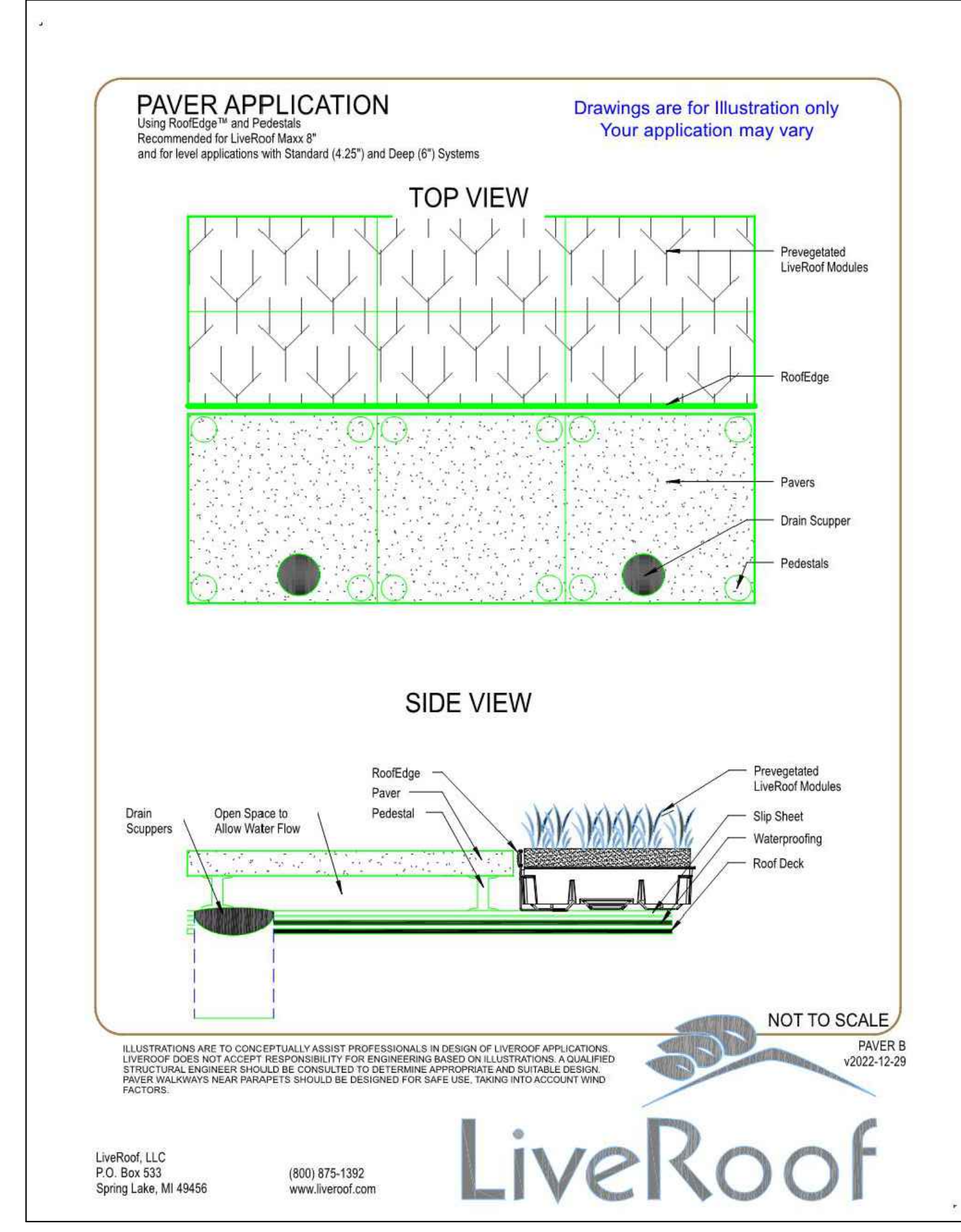
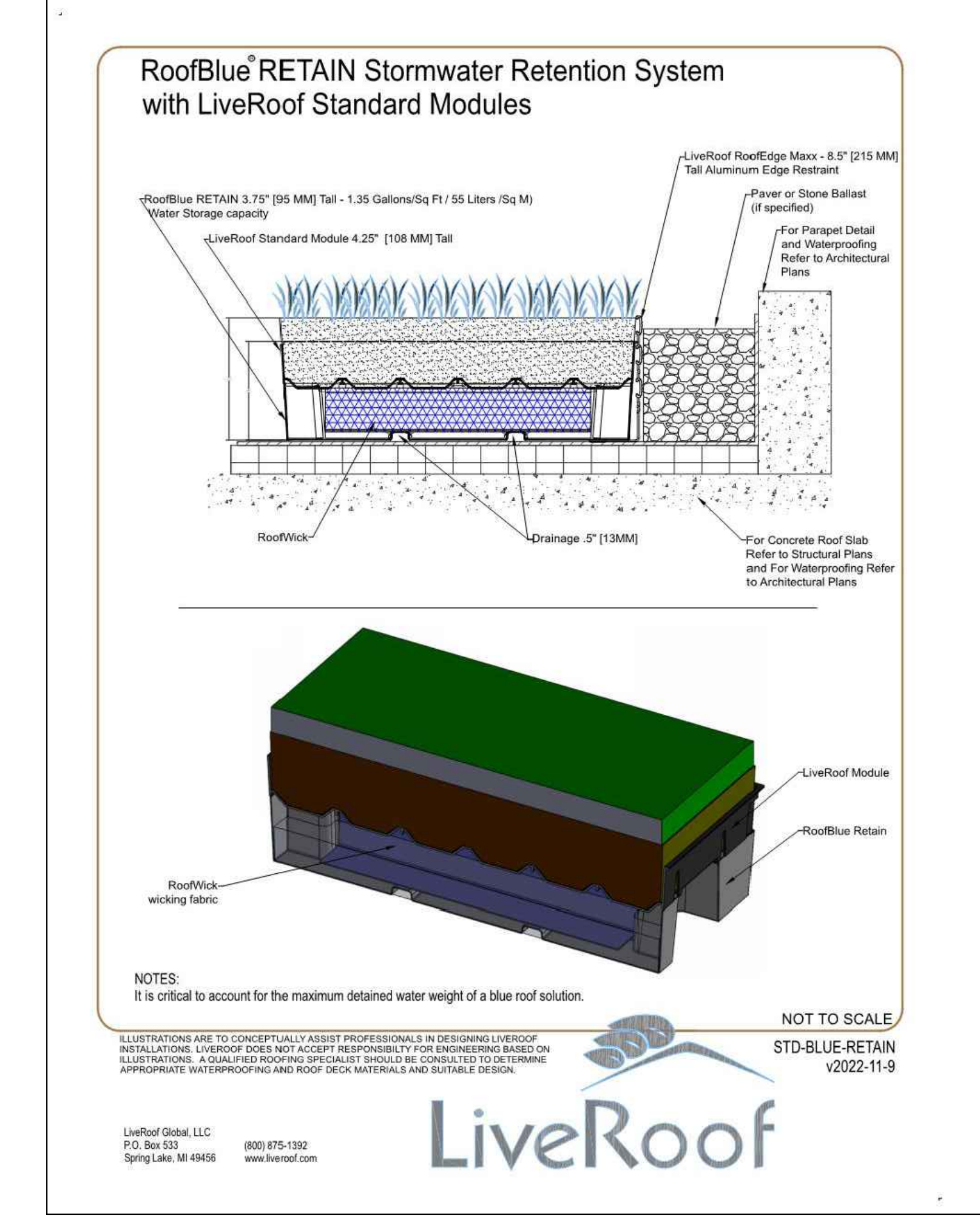
CLIENT:
TORQUE COMPANIES



REV: 01-23-2019

REV: 01-23-2019

REV: 01-23-2019



- NOTES**
- DETAILS PROVIDED FOR REFERENCE ONLY. FINAL DETAILING, SPECIFICATIONS AND DRAINAGE REQUIREMENTS SHALL BE PROVIDED BY "LIVEROOF" AND/OR ARCHITECTURAL/MEP TEAM
 - SEDUM TRAYS SHALL CONSIST OF "LIVEROOF" - ROOFBLUE RETAIN - 4.25" DEPTH SYSTEM. "TOUGH EXTREME" ROOFTOP PROVEN PLANT MIX BY LIVEROOF. SEE DETAIL.

PROJECT:
139 WEST WILSON ST REDEVELOPMENT

PROJECT LOCATION:
**139 WEST WILSON ST
MADISON, WI 53703**

DESIGNED BY: MRA
REVIEWED BY: KLN
APPROVED BY: KLN

SHEET TITLE:
**LANDSCAPE
DETAILS & NOTES**

PLAN MODIFICATIONS:

#	Date	Description
1	08.04.2025	MUNICIPAL SUBMITTAL
2	10.13.2025	UDC SUBMITTAL
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

DESIGNED BY: MRA
REVIEWED BY: KLN
APPROVED BY: KLN

SHEET NUMBER:
L2.0

JSD PROJECT NO: 22-11487



GLOBE LIGHTS



OBLONG TREE GRATES



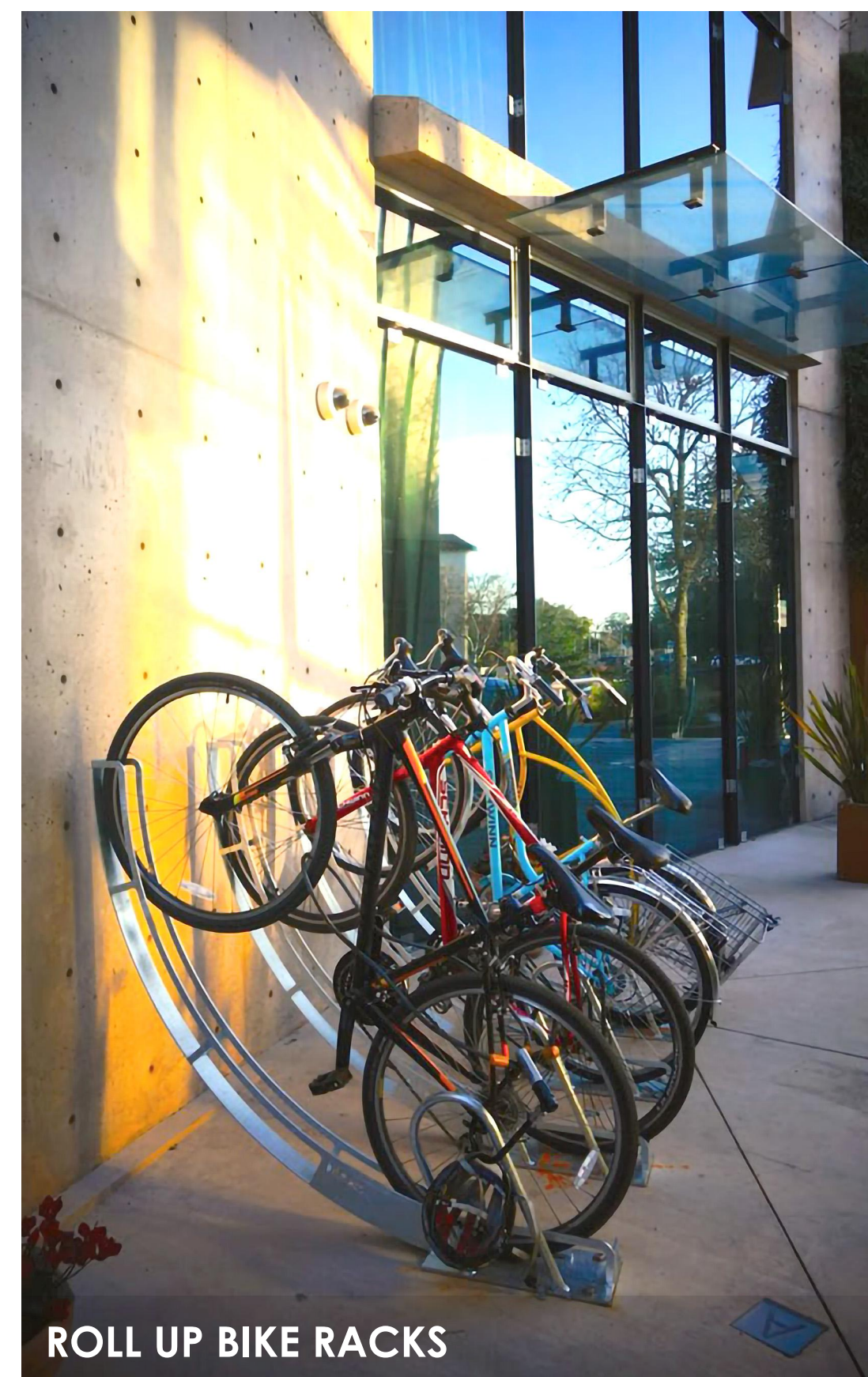
PERGOLA WITH SCREEN WALL



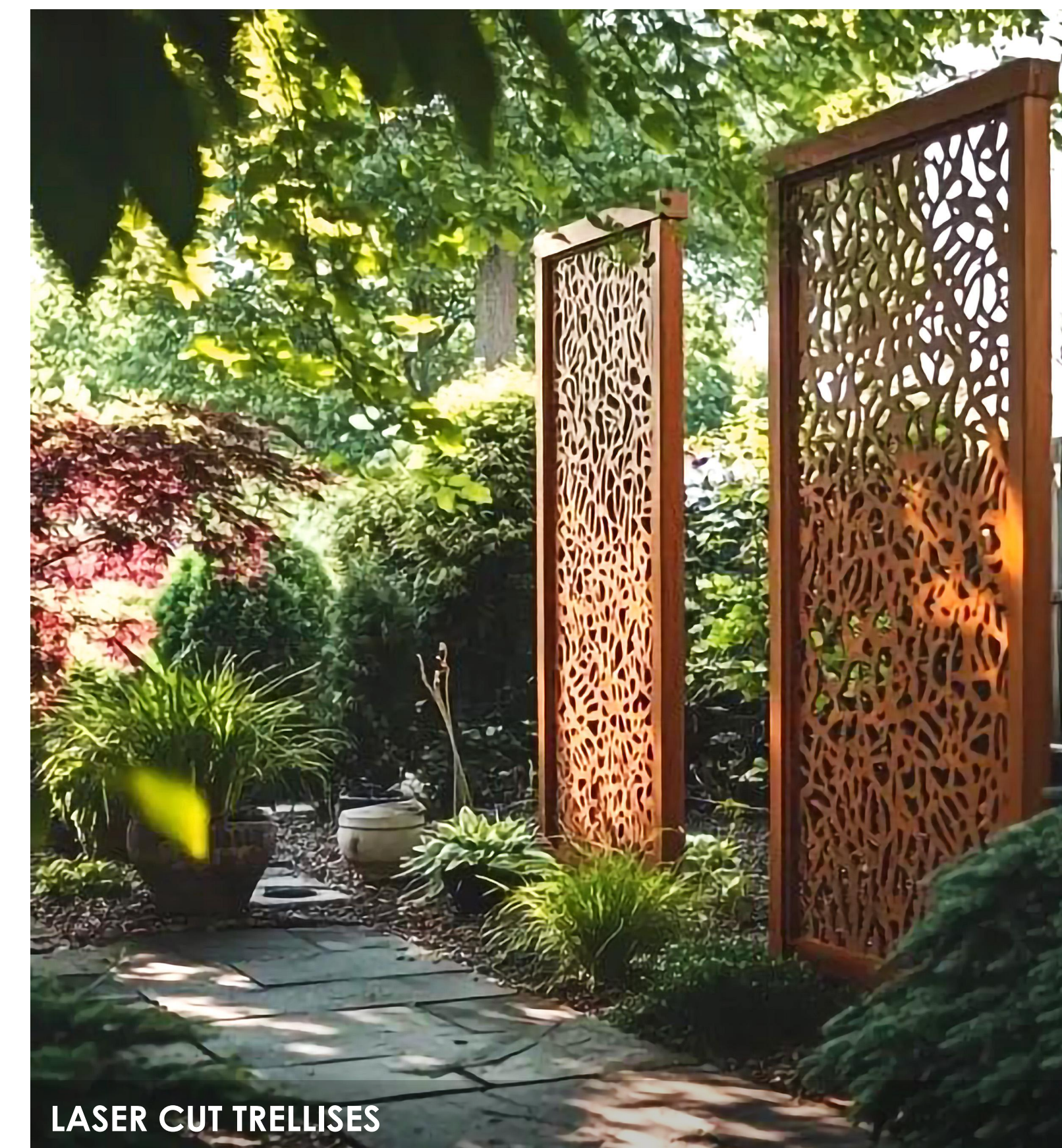
GRILL STATIONS, CERAMIC TILE WALL, & BAR-HEIGHT DINING



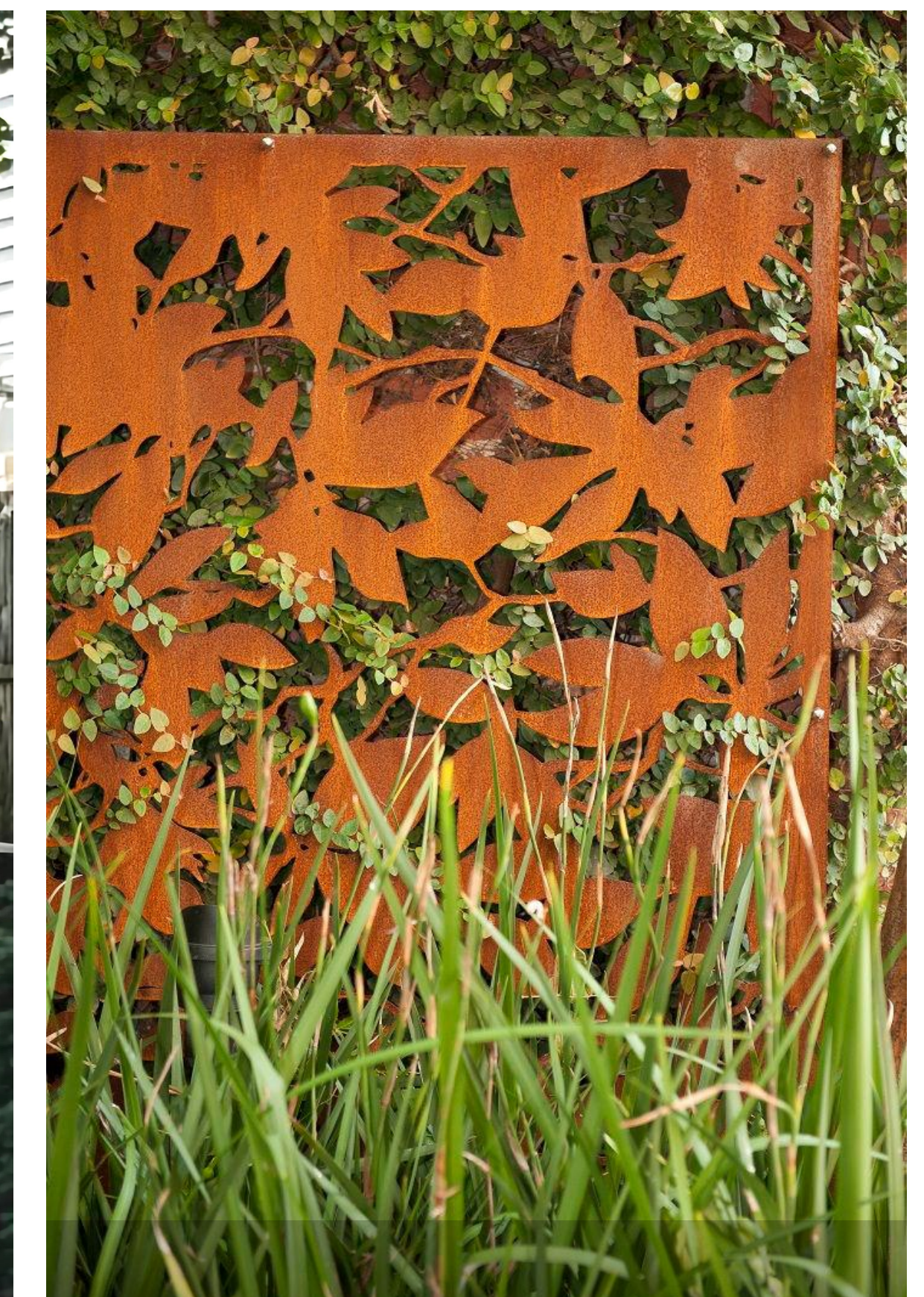
SURFACE MOUNTED BIKE RACKS



ROLL UP BIKE RACKS



LASER CUT TRELLISES

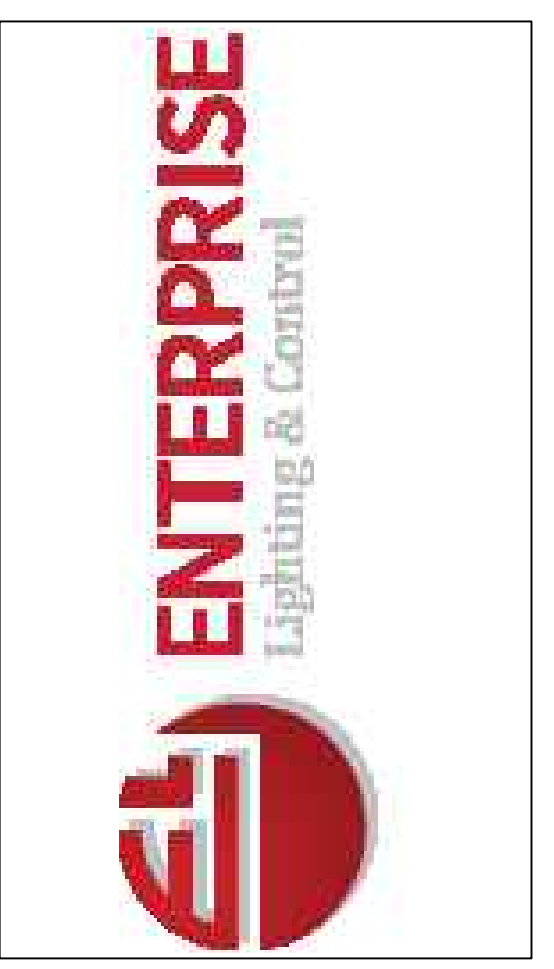
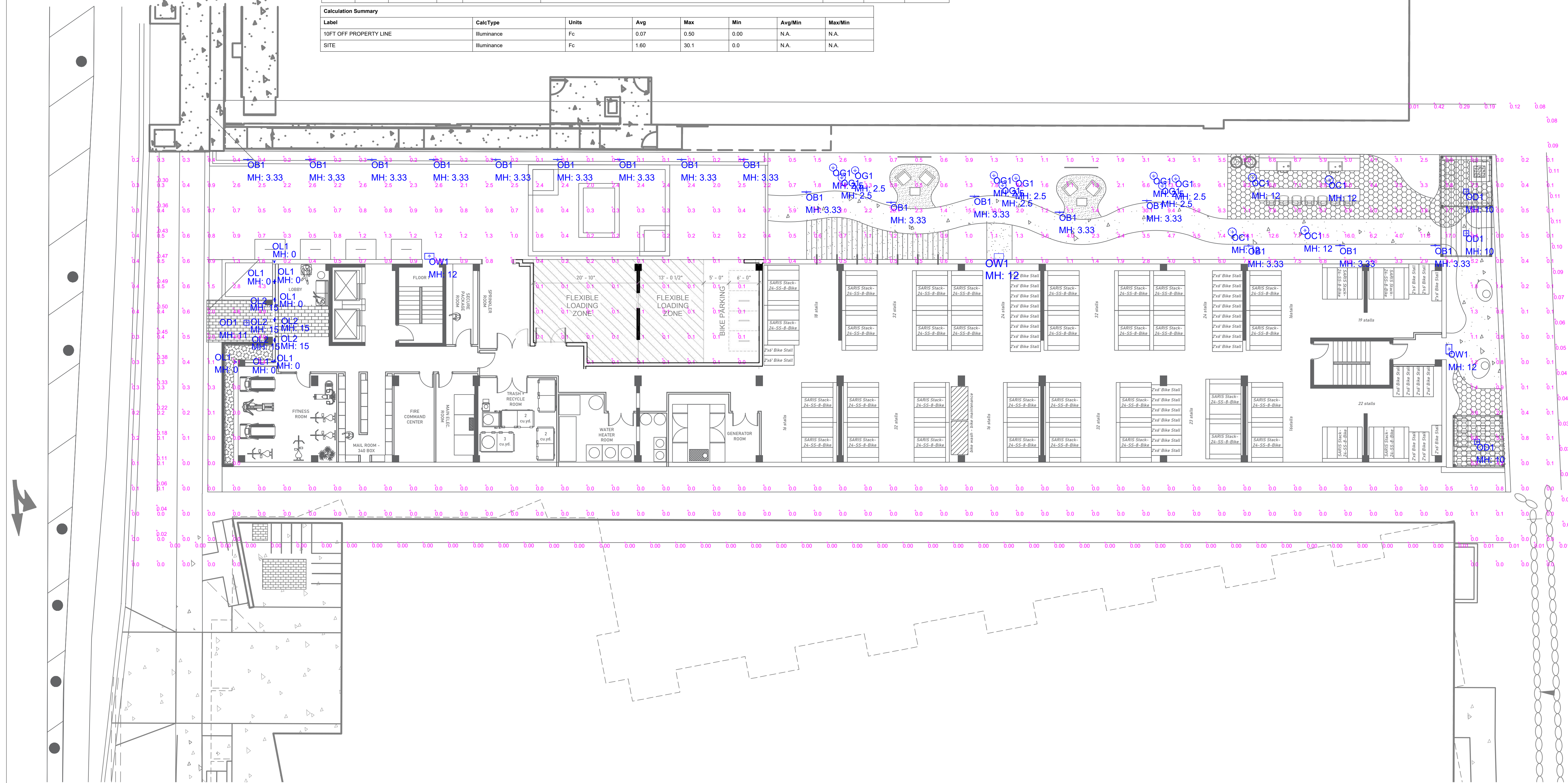


NOTES:

- Customers are responsible for confirming mounting heights, fixture suspension types/ lengths, color temperature, CRI, linear fixture lengths, pole lengths, and bollard heights/ lengths prior to ordering.
- Mounting height (MH) is measured from the bottom of the fixture to the floor.
- This Lighting layout assumes the following unless values are specified and must be confirmed by the customer prior to ordering.
 - Room reflectance of 80, 50, 20 for standard ceilings and 50, 50, 20 for exposed ceilings
 - Wall sconces are mounted at 7' for calculation purposes. Customer must confirm desired mounting height before rough in.

Qty	Label	Arrangement	LLF	MFR	Description	Lum. Watts	Total Watts	Lum. Lumens
17	OB1	Single	0.950	TARGETTI	ZPB 41 40 WD L4 XXX XX	15.6	265.2	443
4	OC1	Single	0.950	ANP	EQ101 4 E030LDS T5 XXX	30.62	122.48	3331
4	OD1	SINGLE	0.950	LITHONIA	LDN4SQ xx10 L54AR LSS	10.58	42.32	877
9	OG1	Single	0.950	DELTA LIGHT	OONO P70 830 DIM8 CR180 XXX	11	99	543
7	OL1	GROUP	0.950	ACOLYTE	NLC-3.0xx-42FT	N.A.	933.94	N.A.
5	OL2	GROUP	0.950	ACOLYTE	NLC-3.0xx-25FT	N.A.	381.2	N.A.
2	OW1	SINGLE	0.950	LITHONIA	WDGE2 LED P0 xxX 80CRI T1S	6.8946	13.789	699

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
10FT OFF PROPERTY LINE	Illuminance	Fc	0.07	0.50	0.00	N.A.	N.A.
SITE	Illuminance	Fc	1.60	30.1	0.0	N.A.	N.A.



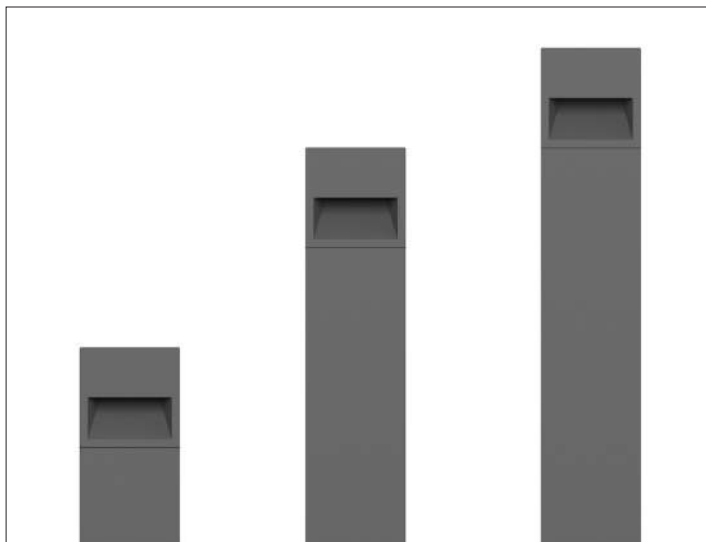
#	DATE	COMMENTS

DRAWN BY : BB
 DATE : SEPT 4 2025
 SCALE : 3/32" = 1'-0"

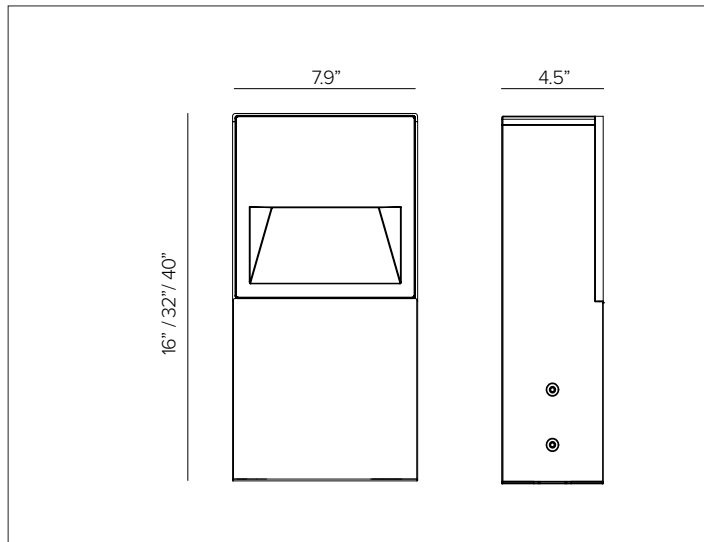
139 WEST WILSON

ZEDGE PRO BOLLARD

Small Scale Professional LED Bollard



Shown in Ferrite Dark Grey finish.



CONCEPT

Professional high-performance LED bollard for use in indoor and outdoor applications. *Designed in collaboration with Gensler as Product Design Consultant.*

MECHANICAL CHARACTERISTICS

Housing	7.9"W x 4.5"D
Materials	Powder coated die-cast anodized aluminum fixture body and external frame. Independently sealed optical head and heat sink with anodized powder coated extruded aluminum post. Aesthetically coordinated with no visible hardware between fixture and post. Clean fit seams between fixture and bollard body.
Finish	Textured finish. ● Ferrite Dark Grey ● Heritage Brown ● Bronze ● Black ● White ● Sandstone Grey
Functionality	AD version, gimbal optical system is mechanically adjustable between deep to wide distributions.
Power Connection	Pre-cabled 4ft SJOOW 18-5 cable with purple and pink wires for 0-10V control and toolless IP68 quick disconnect.
Mounting	Available with three different post heights - 16in, 32in, 40in. 316L grade stainless steel base and stainless steel anti-theft screws. Optional integral 90 minute emergency battery back at 8W output (14W 57% / 19W 42% / 27W 30%); ambient temperature not to drop below 0°C or exceed 50°C. Battery meets CEC Title 20 efficiency standards. Optional integral smart PIR motion sensor factory preset to 100% ON fade to 10% output after 30 minutes if no motion is detected, contact factory for custom settings.
Weight	3lbs
BUG	BO-U0-G0 Dark Sky Compliant
Protection	IP66
Impact	IK10

CERTIFICATIONS

cULus Wet Location Listed.
 Tested in accordance with LM-79-08.
 Compliant for California installations.
 RoHS3 EU 215/863

WARRANTY

5 year limited warranty

ELECTRICAL CHARACTERISTICS

Power Supply	Integral 4/1 smart driver (Non-Dimmable / 0-10V / Reverse Phase / Forward Phase) to 1% dim range.
Wattage	16W
Voltage	Universal Voltage 120-277V AC 50/60Hz
Ambient Temp.	-25°C / +35°C (95°F)

SOURCE

Two high efficiency LED Chip on Board.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	90	92	99	2
	3000K	90	92	101	2
	3500K	90	91	100	2
	4000K	90	90	98	2

OPTIC

The internal optical system is composed of two metalized polycarbonate reflectors coupled to two high reflective anodized aluminum reflectors with holographic filters. Regressed silk-screen extra clear glass lens. Available in three different versions: DP – fixed deep beam, WD – fixed wide beam, AD – adjustable between DEEP to WIDE distributions.

Beam	DEEP 44° x 53°	WIDE 32° x 105°
Delivered Lumens	2700K 573Lm	384Lm
	3000K 610Lm	409Lm
	3500K 635Lm	416Lm
	4000K 660Lm	443Lm
Efficacy	42Lm/W max. Refer to photometric graphs for specific values.	
Lifetime	L95/B10 30,000hrs at max TA +25°C L94/B10 50,000hrs at max TA +25°C	
Photobiological Classification	Low risk photobiological safety RG1	

SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

ZEDGE PRO BOLLARD

SPECIFICATION INFORMATION

ZPB										
1	2	3	4	5	6	7	8	9	10	
Ex: ZPB4116DPL430FE / 1US34501 / 1US2530							OPTIONAL		REQUIRED	
1 - PRODUCT CODE	2 - DRIVER	3 - HEIGHT	4 - DISTRIBUTION	5 - WATTAGE	6 - KELVIN	7 - FINISH				
ZPB — ZEDGE PRO BOLLARD	41 — 4/1 Smart Dimming (Non-Dimming / 0-10V / Reverse Phase / Forward Phase)	16 — 16" 32 — 32" 40 — 40"	DP — Deep WD — Wide AD — Adjustable	L4 — 16W	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	FE — Ferrite Dark Grey HB — Heritage Brown BZ — Bronze WT — White BT — Black SG — Sandstone Grey RAL — Custom RAL				
8 - OPTIONAL		9 - MOUNTING		10 - INSTALLATION						
— — Blank no option		Ground Anchor Base <i>See section for details</i>		J-Box with sleeve <i>See section for details</i>						
EM ^B — Emergency Battery Pack		Plate for Surface Installation <i>See section for details</i>								
MS ^B — Motion Sensor										
MG ^A — Marine Grade										

^BNot compatible with 16in version.

^A Marine Grade is recommended for use in environments with occasional exposure to salt air, reclaimed water, fertilizers, chemical cleaners, or frequent pressure washing (steam) cleaning. Fixture housing complete with marine grade cataphoresis suitable for use in marine grade environments. Not to be in direct contact with salt or corrosive agents for extended periods of time.

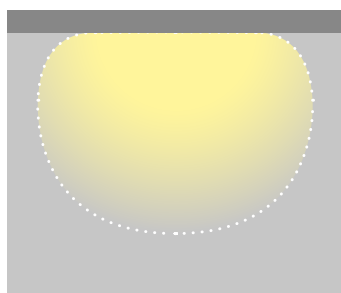
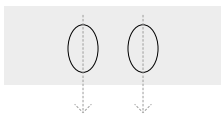
OPTIC VERSIONS

ZEDGE PRO has a unique optical system composed of two independent beams that can be configured in different ways to create multiple effects. A DEEP version for deep lighting, a WIDE version for greater uniformity of the light in a longitudinal direction and an ADJUSTABLE version where the optical system is positioned on a special bezel that makes it possible to achieve the two most extreme configurations Deep and Wide, as well as all the points in between depending on different needs. A true pathway luminaire!



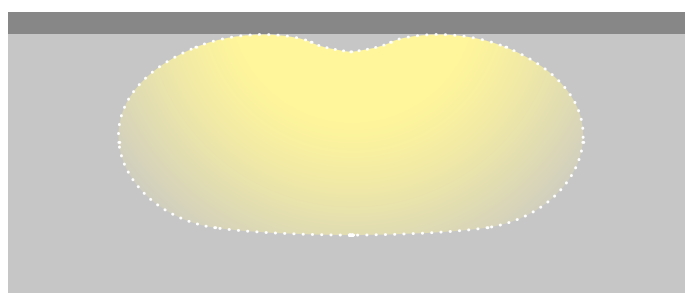
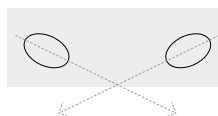
(DP) DEEP

For deep lighting of horizontal surfaces where the priority is to light open spaces or wide pathways.



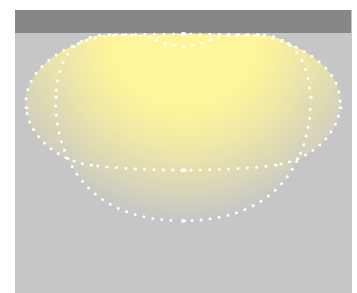
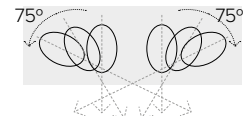
(WD) WIDE

For lighting where luminance uniformity is essential, long walkways with wide spacing between fixtures.



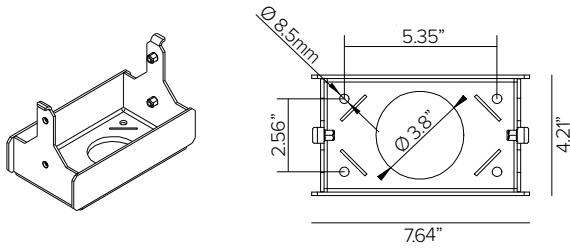
(AD) ADJUSTABLE

Why be limited to just one optic? The adjustable optic fluidly adjusts between DEEP to a WIDE to precisely achieve the desired illumination effect.



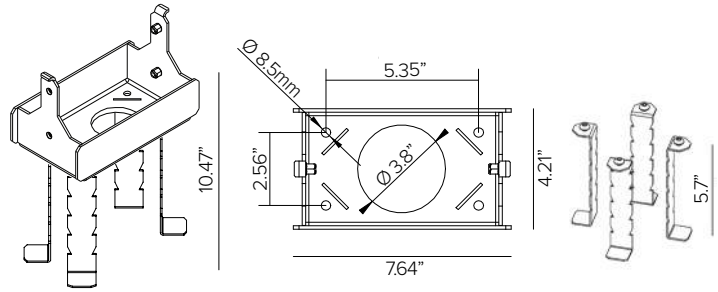
ZEDGE PRO BOLLARD

2 – MOUNTING (REQUIRED)



Trimless mounting base with ground anchor fixing rods for installation in concrete. AISI 316 stainless steel. Mounting bolts \varnothing 8.5mm (1/4") included, 4pcs. **Required for use with 1US2530 by NEC.**

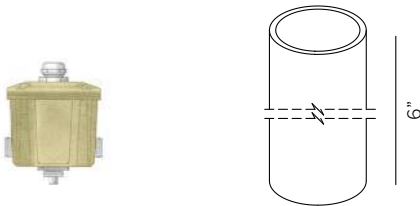
Part No. **1US34501**



Trimless mounting base with ground anchor fixing rods for installation in concrete. AISI 316 stainless steel. Mounting bolts \varnothing 8.5mm (1/4") included, 4pcs. **Required for use with 1US2530 by NEC.**

Part No. **1US34502**

INSTALLATION (REQUIRED)



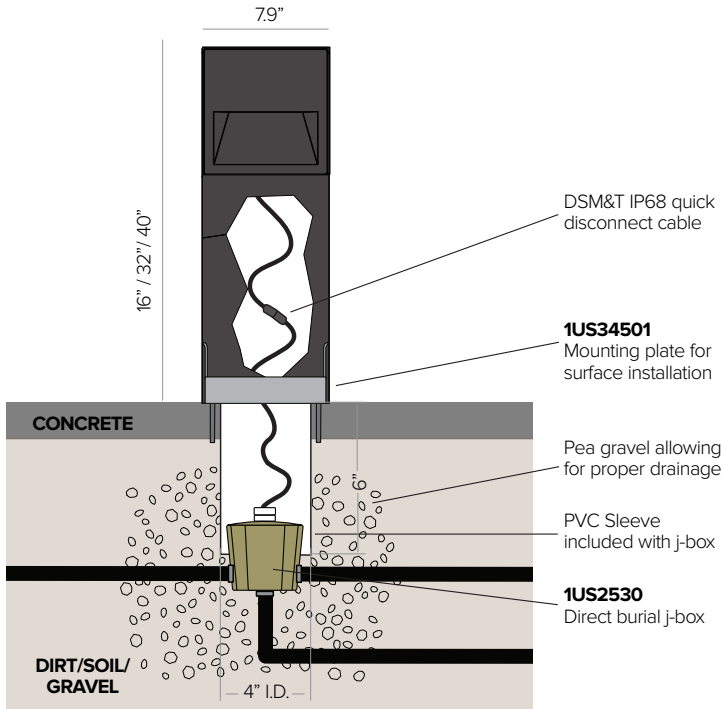
Direct burial brass ingrade j-box with PVC sleeve. Features stainless steel cover screws and strain relief for power cord, (2) 3/4" NPT bottom holes and (2) 3/4" NPT side holes. Includes (4) 3/4" to 1/2" adapters and (2) 1/2" NPT plugs. **(REQUIRED by NEC).**

Part No. **1US2530**

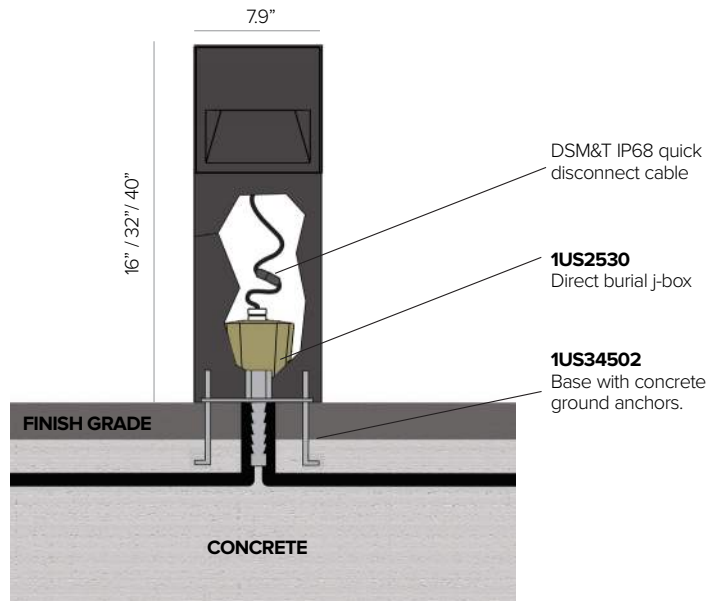
ZEDGE PRO BOLLARD

INSTALLATION DIAGRAM

1US34501 – SURFACE INSTALLATION

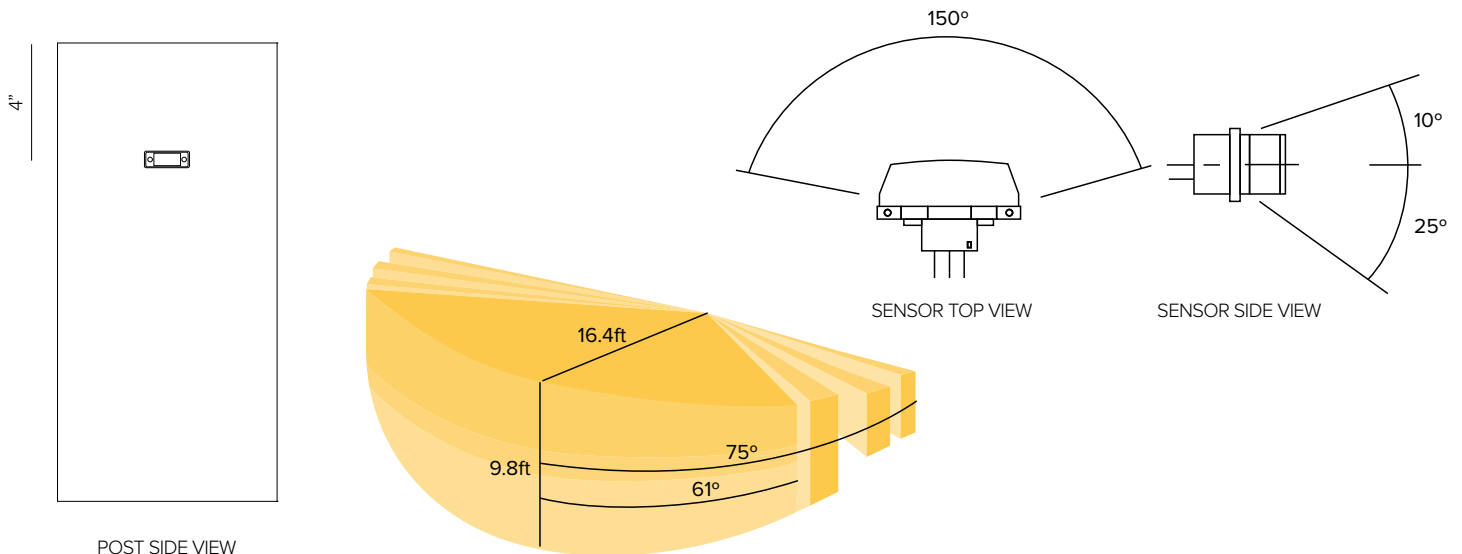


1US34502 – CONCRETE POUR INSTALLATION



NOTE: Install according to local and NEC building codes. UL listed j-box supplied by others.

MOTION SENSOR DETAILS

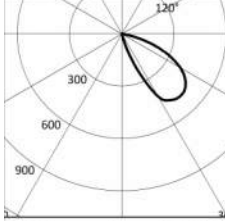


ZEDGE PRO BOLLARD

PHOTOMETRY

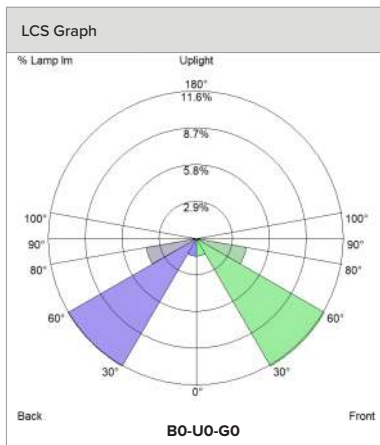
DEEP

	2700K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		44°	53°			
	Fixture Power	16W	1	2.06	1.38	455	
	Source Flux	1672lm	2	4.11	2.77	114	
	Fixture Flux	573lm	3	6.17	4.15	51	
	Efficacy	37lm/W	4	8.23	5.53	28	
TS1076	I _{max} =489cd/klm	I _{max}	818cd	5	10.29	6.92	18

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		44°	53°			
	Fixture Power	16W	1	2.06	1.38	485	
	Source Flux	1781lm	2	4.11	2.77	121	
	Fixture Flux	610lm	3	6.17	4.15	54	
	Efficacy	39lm/W	4	8.23	5.53	30	
TS1076	I _{max} =489cd/klm	I _{max}	871cd	5	10.29	6.92	19

	3500K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
	Ra90					
	Fixture Power	16W				
	Source Flux	1851lm				
	Fixture Flux	635lm				
	Efficacy	41lm/W				
TS1076	I _{max} =489cd/klm	I _{max}	905cd			

	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		44°	53°			
	Fixture Power	16W	1	2.06	1.38	524	
	Source Flux	1926lm	2	4.11	2.77	131	
	Fixture Flux	660lm	3	6.17	4.15	58	
	Efficacy	42lm/W	4	8.23	5.53	33	
TS1076	I _{max} =489cd/klm	I _{max}	942cd	5	10.29	6.92	21



ZEDGE PRO BOLLARD

PHOTOMETRY

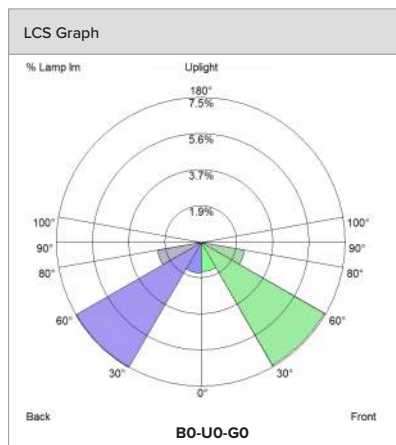
WIDE

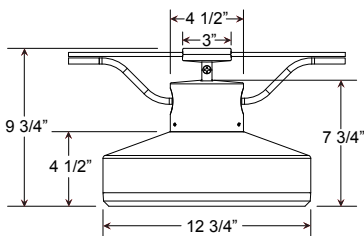
	2700K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		32°	105°			
	Fixture Power	16W	1	0.82	2.79	270	
	Source Flux	1672lm	2	1.63	5.58	68	
	Fixture Flux	384lm	3	2.45	8.38	30	
	Efficacy	25lm/W	4	3.27	11.17	17	
TS1077	I _{max} =239cd/klm	I _{max}	400cd	5	4.09	13.96	11

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		32°	105°			
	Fixture Power	16W	1	0.82	2.79	288	
	Source Flux	1781lm	2	1.63	5.58	72	
	Fixture Flux	409lm	3	2.45	8.38	32	
	Efficacy	26lm/W	4	3.27	11.17	18	
TS1077	I _{max} =239cd/klm	I _{max}	426cd	5	4.09	13.96	12

	3500K	H(m)	D1(m)	D2(m)	E _{max} (lx)	
	Ra90					
	Fixture Power	16W				
	Source Flux	1851lm				
	Fixture Flux	416lm				
	Efficacy	27lm/W				
TS1077	I _{max} =229cd/klm	I _{max}	424cd			

	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)		
	Ra90		32°	105°			
	Fixture Power	16W	1	0.82	2.79	312	
	Source Flux	1926lm	2	1.63	5.58	78	
	Fixture Flux	443lm	3	2.45	8.38	35	
	Efficacy	28lm/W	4	3.27	11.17	19	
TS1077	I _{max} =239cd/klm	I _{max}	461cd	5	4.09	13.96	12





Project Name: _____

Fixture Type: _____ Quantity: _____

Customer: _____



Specifications

Material:
All parts are durable 356 cast aluminum and heavy duty spun aluminum. All hardware provided shall be stainless steel or zinc plated steel.

Lens:
Light Guide LED Panels feature a high transparency, dot matrix PMMA light guide with an optical efficiency up to 76%.

Fixture Mounting:
Catenary hub accepts 1/4" diameter structural cable. Cable is not included and their connections to structures are to be designed by a qualified structural engineer. Tilt adjustment to 30° and is lockable.

Drivers:
Universal voltage 120-277 is standard. 0-10v dimming is standard.

See page 2 for LED engine and driver specifications.

Electrical:
Black power cord, 18-5 SJTW (Black, White, Green, Purple and Gray) Supplied by others. 20kA max/10kA nominal surge protection device is standard.

Certifications:
UL Listed for outdoor, wet location. Luminaire is IP65, LED is IP66.

Finish:
A polyester powder coat high quality finish.

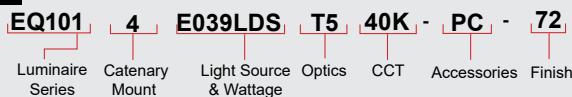
Marine grade finish is also available.

Modifications:
Consult factory for custom or modified designs.

**EQ101
LED**

Weight: 15 lbs
EPA: 0.41

Catalog Logic



Catalog Number	1	2	3	4	5	6
EQ101	4					

1	FIXTURE ORIENTATION
4	Catenary Mount

2	LIGHT SOURCE & WATTAGES
E030LDS	(30w Small Light Guide LED)
E039LDS	(39w Small Light Guide LED)
E046LDS	(46w Small Light Guide LED)

3	OPTICS
T2	(Type II)
T3	(Type III)
T4	(Type IV)
T5	(Type V)

4	COLOR TEMPERATURE (CCT)
27K	(2700K)
30K	(3000K)
35K	(3500K)
40K	(4000K)

5	ACCESSORIES
HLMSPC-FM	(Integral high-low motion sensor plus photocell) See page 2 for specifications
PC	(Button Photo Cell)

6 FINISHES					
*Premium and Marine Grade Finish have additional charges					
Standard Colors	Standard Grade	Marine Grade*	Standard Colors	Standard Grade	Marine Grade*
Aspen Green	10	10M	Architectural Bronze	51	51M
Cantaloupe	11	11M	Patina Verde	52	52M
Lilac	12	12M	Copper Clay	53	53M
Putty	13	13M	Silver	56	56M
Raw Unfinished	40	NA	Black Verde	61	61M
Black	41	41M	Painted Chrome	70	70M
Forest Green	42	42M	Painted Copper	71	71M
Bright Red	43	43M	Textured Black	72	72M
White	44	44M	Matte Black	73	73M
Bright Blue	45	45M	Textured Architectural Bronze	76	76M
Sunny Yellow	46	46M	Textured White	77	77M
Aqua Green	47	47M	Textured Silver	78	78M
Galvanized	49	NA		Premium Grade*	Marine Grade*
Navy	50	50M	Carbon Graphite	96	96M

Consult Factory for additional paint charges and availability.

Project Name: _____

Fixture Type: _____ Quantity: _____

Customer: _____

LED PERFORMANCE

LIGHT GUIDE SMALL

System Wattage (Nominal)	CCT	CRI	Type II			Type III			Type IV			Type V		
			Delivered Lumens	Lumens Per Watt	B U G	Delivered Lumens	Lumens Per Watt	B U G	Delivered Lumens	Lumens Per Watt	B U G	Delivered Lumens	Lumens Per Watt	B U G
30W	2700K	70	2966	99	1 0 1	3143	105	1 0 1	3346	112	1 0 1	3027	101	2 0 2
	3000K	70	3064	102	1 0 1	3247	108	1 0 1	3457	115	1 0 1	3127	104	2 0 2
	3500K	70	3113	104	1 0 1	3299	110	1 0 1	3512	117	1 0 1	3177	106	2 0 2
	4000K	70	3211	107	1 0 1	3403	113	1 0 1	3623	121	1 0 1	3277	109	2 0 2
39W	2700K	70	3855	99	2 0 2	4086	105	2 0 2	4350	112	2 0 2	3934	101	2 0 2
	3000K	70	3983	102	2 0 2	4221	108	2 0 2	4494	115	2 0 2	4065	104	2 0 2
	3500K	70	4047	104	2 0 2	4289	110	2 0 2	4566	117	2 0 2	4130	106	2 0 2
	4000K	70	4174	107	2 0 2	4424	113	2 0 2	4710	121	2 0 2	4260	109	2 0 2
46W	2700K	70	4513	98	2 0 2	4808	105	2 0 2	5177	113	2 0 2	4677	102	3 0 3
	3000K	70	4662	101	2 0 2	4967	108	2 0 2	5348	115	2 0 2	4832	104	3 0 3
	3500K	70	4737	103	2 0 2	5047	110	2 0 2	5433	118	2 0 2	4909	107	3 0 3
	4000K	70	4886	107	2 0 2	5206	113	2 0 2	5604	122	2 0 2	5064	110	3 0 3

LED SPECIFICATION

- Typical Efficacy is 98 - 122 lumens per watt
- Color temp: 2700K, 3000K, 3500K and 4000K
- CRI: 70
- Distribution: Type II, III, IV & V

DRIVER SPECIFICATION

- 120 thru 277 Universal Voltage
- 50/60 HZ
- 0-10V dimming to 10%
- Minimum operating temperature: -30°C
- Drive Current: 900mA to 2505mA (model dependent)
- Driver Efficiency > 80%; Power Factor > 0.90
- Lifetime: 50,000 hours
- Integral Surge Protection in conformance to IP64
- UL, cUL, CE

MOTION SENSOR

- 0-10v configurable output set to 10%, 25% or 50% dimming
- Adjustable time delay
- 45° Detection
- Mounts Integral to fixture
- Lens available in white only
- Satisfies California Title 24

SURGE SUPPRESSION

- A Surge Protection Device (SPD) is standard featuring a 20kA maximum discharge current 8/20µs Waveform (Imax); 10kA nominal discharge current 8/20µs Waveform (In) and thermally protected varistor technology.
- Meets IEEE C62.41.2 Location Category C High and US Dept of Energy MSSLC Model Spec.
- SPD shall be wired in series and will result in an open circuit during a fault state, resulting in the luminaire to turn off to protect system components thereby indicating SPD module replacement.

FINISHES

- A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion.
- Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

WARRANTY

See www.ANPlighting.com for complete fixture warranty.

LED warranty information

- 5 year limited warranty* on Light Guide engines
- 5 year limited warranty* on LED Drivers

*Limited Warranty: A typical year is defined as 4380 hours of operation. Failed defined as more than 10% of the total platform LED's not operating.

ACCESSORIES



HLMSPC-FM



PC

Notes

Type

FEATURES & SPECIFICATIONS

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

CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs. Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard. Light engine and drivers are accessible from above or below ceiling.

Ceiling thickness range 1/2" to 1-1/2".

OPTICS — 55° cutoff to source and source image

LEDs are binned to a 3-step MacAdam Ellipse

80 CRI standard. 90 CRI optional.

A+ CAPABLE LUMINAIRE — This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products. All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency — including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates. To learn more about A+ standards, specifications, and testing visit www.acuitybrands.com/aplus.

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

ELECTRICAL — Adjustable lumen output with four module options.

MVOLT 120/277V 50/60Hz driver (0-10V & 120V Phase Dimming to 10% or 1% min dimming level). DALI driver dimming to 1% also available

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

Lumen Maintenance

L80 @ 60,000 hours

LISTINGS — Certified to US and Canadian safety standards. Wet location, requires covered ceiling. Title 24 compliant (90CRI, up to 1000lm). Wallwash suitable for damp locations only. Drivers are ROHS compliant.

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

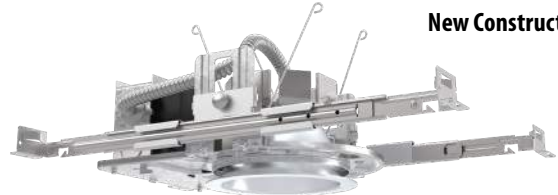
Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

LDN4 SWITCHABLE

4" Open and Wallwash LED
IC and Non-IC
New Construction Downlight

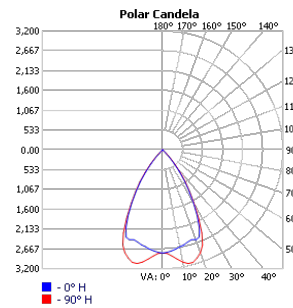


Open Trim

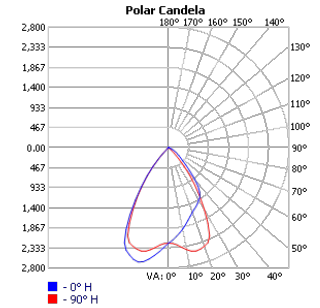


Wallwash Trim

DISTRIBUTIONS



OPEN



Wallwash

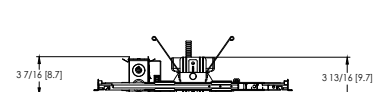
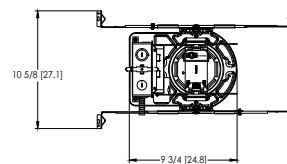
PERFORMANCE DATA

LDN4 AR LS	Wattage	80CRI							
		30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
Lumen Output		Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW
ALO1 (500LM)	6	570	99	584	101	597	102	616	105
ALO1 (750LM)	9	903	102	924	103	946	105	975	108
ALO1 (1000LM)	13	1268	98	1297	100	1328	102	1369	104
ALO2 (1000LM)	13	1344	108	1375	110	1408	112	1451	115
ALO2 (1500LM)	19	1961	105	2007	106	2055	108	2118	111
ALO2 (2000LM)	25	2471	99	2528	101	2588	103	2668	105
ALO3 (2000LM)	25	2542	103	2601	104	2663	106	2745	109
ALO3 (2500LM)	32	3069	98	3140	99	3214	101	3314	103
ALO3 (3000LM)	38	3485	93	3566	94	3651	96	3764	98
ALO4 (4000LM)	39	4094	106	4178	108	4262	110	4303	111
ALO4 (4500LM)	44	4519	103	4611	105	4703	107	4750	108
ALO4 (5000LM)	49	4914	100	5015	102	5115	104	5165	105

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

DIMENSIONS

LDN4 500-2000 Lumens



Aperture: \varnothing 4-5/16" [11]
Ceiling Cutout: \varnothing 5-1/8" [13] Self-flanged
Overlap Trim: \varnothing 5-7/16" [13.8]
Ceiling Cutout: \varnothing 5-1/4" [13.3] Flangeless

See page 5 for other fixture dimensions.



LDN4 SWW

ds Design Select options indicated by this color background.

ORDERING INFORMATION

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

Example: LDN4 ALO2 SWW1 L04 AR LSS MVOLT UGZ

LDN4								
Series	Lumens ‡	Color Temperature ‡	Trim Style	Trim Color	Flange Color ‡	Trim Finish	Distribution	Voltage
LDN4 4" Round	Adjustable Lumen Output ALO1 500/750/1000lm ALO2 1000/1500/2000lm ALO3 2000/2500/3000lm ALO4 4000/4500/5000lm Fixed Lumen Output 05LM 500lm 07LM 750lm 10LM 1000lm 15LM 1500lm 20LM 2000lm 25LM 2500lm 30LM 3000lm 40LM 4000lm 45LM 4500lm 50LM 5000lm	Switchable CCT SWW1 3000K-3500K-4000K-5000K Fixed Switchable CCT 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	L04 Downlight LW4 Wallwash	AR Clear WR ‡ White painted BR ‡ Black painted TRALTBDD ‡ RAL paint trim TCPC ‡ Custom paint trim	(blank) Self-flange TRW White TRBL Black FRALTBDD RAL paint flange only FCPC Custom paint flange only	LSS Semi-specular LD Matte diffused LS Specular	(blank) Medium Wide (1.0s/mh) WD Wide (1.2s/mh)	MVOLT 120V - 277V 347 347V step-down transformer supplied

Driver	Emergency ‡	Control Input ‡	Options
UGZ Universal dimming to 10% 0-10V; line voltage dimming (120V)	Blank No emergency option	Blank No control option	90CRI High CRI (90+)
UGZ1 Universal dimming to 1% 0-10V; line voltage dimming (120V)	EL Battery pack (10W constant power) Non-T20 Compliant, integral test switch	NPS80EZ nLight® network power/relay pack with 0-10V dimming	AT ‡ Airtight (IP55) CP ‡ Chicago Plenum
DALI ‡ DALI dimming to 1%	ELR Battery pack (10W constant power) Non-T20 Compliant, remote test switch	NPS80EZER nLight® network power/relay pack with 0-10V dimming; ER controls fixtures on emergency circuit.	
D10 Minimum dimming 10% driver for use with JOT D1 Minimum dimming 1% driver for use with JOT	E10WCPR Battery pack (10W constant power) T20 Compliant, integral test switch	NLTAIR2 nLight® Air enabled	
D1 Minimum dimming 1% driver for use with JOT	E10WCPRR Battery pack (10W constant power) T20 Compliant, remote test switch	NLTAIRER2 nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit	
	E10WRSTAR Emergency battery pack, 10W with remote test switch and Iota STAR technology	NLTAIREM2 nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection.	
	ETS Iota Emergency Transfer System	JOT Wireless room control with "Just One Touch" pairing	

‡ Option Restrictions

Options	Restriction
AT	Standard for CP and IP55, not available with WW
E10WCPR	Not available EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, or ALO3 (2000-3000L) DALI.
E10WCP	Not available with EC1, EC6, AT, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, ALO3 (2000-3000L) DALI, OR WL.
E10WRSTAR	Not available with wet location, EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, ALO3 & ALO4 w/DALI, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch.
ELR	Not available EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, or ALO3 (2000-3000L) DALI.
EC6	Not Available with CP, QDS, ELR, E10WCP, or E10WCPR.
WL	Not available with WW, All CP is wet location, except WW (Damp). IP55 rated.
QDS	Not Available with CP, ELR, E10WCP, or E10WCPR.
EC1	Not Available with CP, QDS, ELR, E10WCP, or E10WCPR.
JOT	Not available with CP, NPS80EZ, NPS80EZ ER, NLTAIR2, NLTAIRER2, NLTAIREM2, UGZ, or DALI drivers. Max 4500 lumens. Fixed lumens and CCT only.
NPS80EZ	Not available with CP, QDS, DALI, D1, OR D10 drivers. 120V OR 277V only. Not available with 347V.
NPS80EZER	Not available with CP, QDS, ELR, E10WCP, E10WCPR, DALI, D1, OR D10 drivers. 120V OR 277V only. Not available with 347V.
NLTAIR2	Not available with CP, QDS, DALI, D1, OR D10 drivers. Non-emergency luminaires with this option can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options.
NLTAIRER2	Not available with CP, QDS, ELR, E10WCP, E10WCPR, DALI, D1, OR D10 drivers. Not available with 347V.
NLTAIREM2	Not available with CP, QDS, ELR, E10WCP, E10WCPR, DALI, D1, OR D10 drivers. See UL 924 Sequence of Operation table.
CP	Not available with, QDS, EC1, EC6, ELR, E10WCP, E10WCPR, 347V, JOT, NPS80EZ, NPS80EZ ER, NLTAIR2, NLTAIRER2, NLTAIREM2, D1, OR D10 drivers. Not available with square trim.
ETS	Not available with, QDS, ELR, E10WCP, E10WCPR, 347V, JOT, NPS80EZ, NPS80EZ ER, NLTAIR2, NLTAIRER2, NLTAIREM2, DALI, D1, OR D10 driver
DALI	Not available with fixed lumens or CCT. Max 4500 lumens.
WW	Not available with WL, EL, E10WCP.
TRW, TRBL	Available with clear (AR) reflector only.
WR, BR	Not available with a reflector finish
347V	Not available with CP, QDS, EL, ELR, E10WCP, E10WCPR, NLTAIRER2, ETS, NPS80EZ, NPS80EZER, ALO1 ROUND TRIM, 05 LUMENS ROUND TRIM, AND 07 ROUND TRIM.
TRALTBDD, FRALTBDD	RALTBDD for pricing only. Replace with applicable RAL number and finish when ready to order. See the RAL BROCHURE for available color options. Not available with TCPC or FCPC
TCPC, FCPC	CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click HERE for more details. Not available with TRAL or FRAL

Accessories: Order as a separate catalog number.	
L04 AR ** TRIM	4" clear, specular reflector (** specify finish LS, LSS, or LS)
L04 WR TRIM	4" white reflector
L04 BR TRIM	4" black reflector
LW4 AR ** TRIM	4" wallwash clear, specular reflector (** specify finish LS, LSS, or LS)
LW4 WR TRIM	4" wallwash white reflector
LW4 BR TRIM	4" wallwash black reflector
GRA4 6 JZ	Oversized trim ring with 6" outside diameter
SCA4	Sloped Ceiling Adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D.



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

(Maximum order quantity for design select lead times is 256)

EMERGENCY BATTERY PACK OPTIONS - FIELD INSTALLABLE

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

All the above are UL Listed products that are certified for field install external/remote to the fixture.

* Minimum delivered lumen output to assist in product selection for increased fixture mounting height.

⁺ The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.

Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

PHOTOMETRY

LDN4 AR LS		90CRI							
Lumen Output	Wattage	30K/90CRI		35K/90CRI		40K/90CRI		50K/90CRI	
		Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW
ALO1 (500LM)	6	498	87	512	88	526	90	539	92
ALO1 (750LM)	9	789	89	810	91	832	92	853	94
ALO1 (1000LM)	13	1108	86	1138	88	1168	89	1198	91
ALO2 (1000LM)	13	1174	95	1206	97	1238	99	1270	100
ALO2 (1500LM)	19	1714	91	1761	93	1807	95	1854	97
ALO2 (2000LM)	25	2159	87	2218	89	2276	91	2335	92
ALO3 (2000LM)	25	2222	90	2282	92	2342	94	2402	95
ALO3 (2500LM)	32	2682	85	2755	87	2827	89	2900	91
ALO3 (3000LM)	38	3046	81	3129	83	3211	85	3294	86
ALO4 (4000LM)	39	3398	88	3468	90	3537	91	3572	92
ALO4 (4500LM)	44	3751	85	3827	87	3904	89	3942	90
ALO4 (5000LM)	49	4079	83	4162	84	4245	86	4287	87

LDN4WW AR LS		80CRI							
Lumen Output	Wattage	30K/80CRI		35K/80CRI		40K/80CRI		50K/80CRI	
		Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW
ALO1 (500LM)	6	561	97	574	99	587	101	606	103
ALO1 (750LM)	9	888	100	908	101	930	103	959	106
ALO1 (1000LM)	13	1246	97	1275	98	1305	100	1346	102
ALO2 (1000LM)	13	1321	106	1352	108	1384	110	1427	113
ALO2 (1500LM)	19	1928	103	1973	105	2020	106	2083	109
ALO2 (2000LM)	25	2429	98	2485	99	2544	101	2623	104
ALO3 (2000LM)	25	2499	101	2557	103	2618	105	2699	107
ALO3 (2500LM)	32	3017	96	3087	98	3160	99	3258	102
ALO3 (3000LM)	38	3426	91	3506	93	3589	95	3700	97
ALO4 (4000LM)	39	4031	104	4113	106	4195	108	4236	109
ALO4 (4500LM)	44	4449	101	4539	103	4630	105	4676	107
ALO4 (5000LM)	49	4838	98	4937	100	5035	102	5085	103

LDN4WW AR LS		90CRI							
Lumen Output	Wattage	30K/90CRI		35K/90CRI		40K/90CRI		50K/90CRI	
		Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW	Delivered Lumens	LPW
ALO1 (500LM)	6	490	85	503	87	517	89	530	90
ALO1 (750LM)	9	776	87	797	89	818	91	839	93
ALO1 (1000LM)	13	1089	84	1119	86	1148	88	1178	90
ALO2 (1000LM)	13	1155	93	1186	95	1217	97	1248	99
ALO2 (1500LM)	19	1685	90	1731	92	1777	94	1822	95
ALO2 (2000LM)	25	2123	85	2180	87	2238	89	2295	91
ALO3 (2000LM)	25	2184	88	2243	90	2302	92	2362	94
ALO3 (2500LM)	32	2637	84	2708	86	2780	87	2851	89
ALO3 (3000LM)	38	2994	80	3076	81	3157	83	3238	85
ALO4 (4000LM)	39	3346	86	3414	88	3482	90	3516	91
ALO4 (4500LM)	44	3692	84	3768	86	3843	88	3881	88
ALO4 (5000LM)	49	4015	81	4097	83	4179	85	4220	86

LUMEN OUTPUT MULTIPLIERS - FINISH	
Specular (LS)	1.05
Semi-specular (LSS)	1.00
Matte diffuse (LD)	0.85

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

LUMEN OUTPUT MULTIPLIERS - CRI	
80	1.0
90	0.874

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

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

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

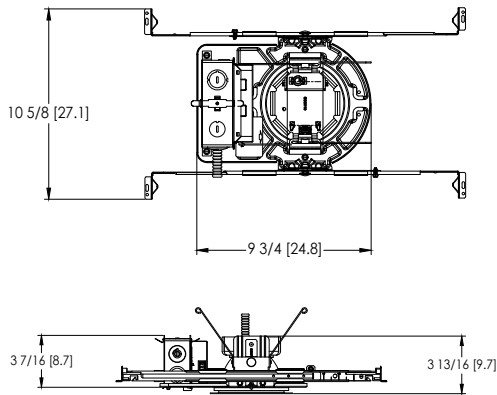
The LPW rating is also available at Designlight Consortium.

LDN4 SWW

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

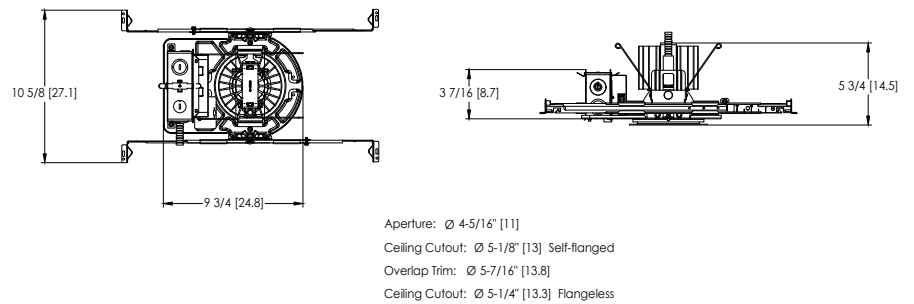
LDN4 SWW1 IC RATING	
AL01	IC
AL02	NON-IC
AL03	NON-IC

LDN4 SWW1 500-2000 Lumens



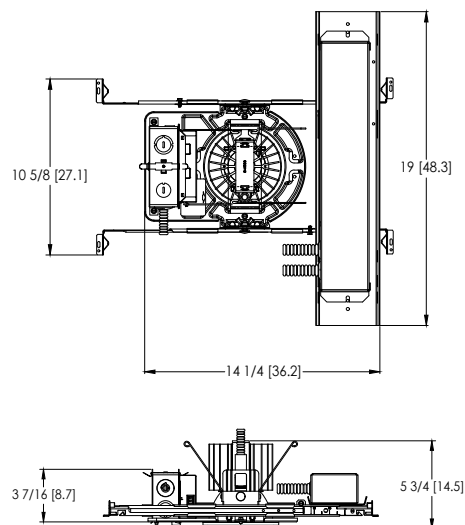
Aperture: \varnothing 4-5/16" [11]
 Ceiling Cutout: \varnothing 5-1/8" [13] Self-flanged
 Overlap Trim: \varnothing 5-7/16" [13.8]
 Ceiling Cutout: \varnothing 5-1/4" [13.3] Flangeless

LDN4 SWW1 2500-4000 Lumens



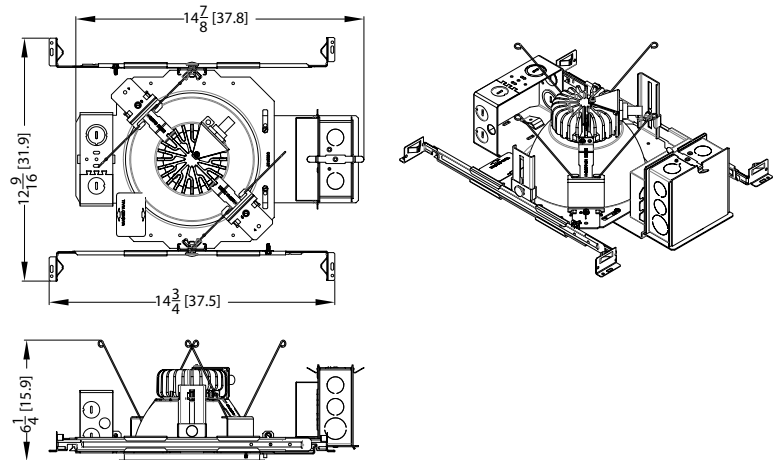
Aperture: \varnothing 4-5/16" [11]
 Ceiling Cutout: \varnothing 5-1/8" [13] Self-flanged
 Overlap Trim: \varnothing 5-7/16" [13.8]
 Ceiling Cutout: \varnothing 5-1/4" [13.3] Flangeless

LDN4 SWW1 EL



Aperture: \varnothing 4-5/16" [11]
 Ceiling Cutout: \varnothing 5-1/8" [13] Self-flanged
 Overlap Trim: \varnothing 5-7/16" [13.8]
 Ceiling Cutout: \varnothing 5-1/4" [13.3] Flangeless

LDN4 SWW1 CP 500-3000 Lumens



DIMMER COMPATIBILITY

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

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

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

ADDITIONAL DATA

JOT

JUST ONE TOUCH

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

Diagram



LDN4 Series



Sensor Switch
WSXA JOT

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

COMPATIBLE 0-10V WALL-MOUNT DIMMERS

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

EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

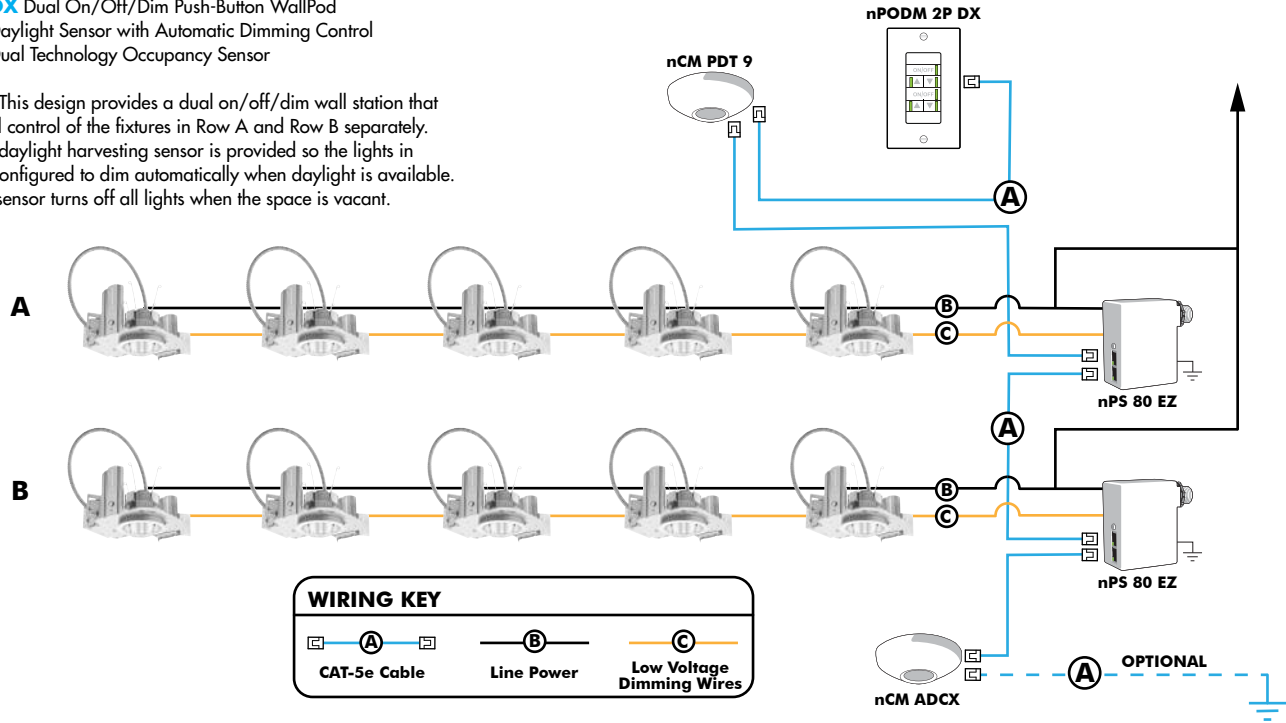
nPS 80 EZ Dimming/Control Pack (qty: 2 required)

nPODM 2P DX Dual On/Off/Dim Push-Button WallPod

nCM ADCX Daylight Sensor with Automatic Dimming Control

nCM PDT 9 Dual Technology Occupancy Sensor

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



Choose Wall Controls

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



Push-Button Wallpod

Traditional tactile buttons and LED user feedback



Graphic Wallpod

Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.

WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CATS 10FT J1
		15, CAT5 15FT	CATS 15FT J1

nLight® AIR Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

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

Notes

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

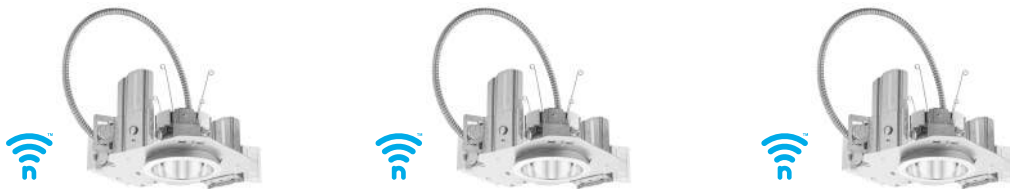
UL924 Sequence of Operation

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

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

nLight AIR

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



Simple as 1,2,3

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



OONO P



There is more to the sophisticated Oono than just its gentle embracing glow. Built in first instance as a family of exterior products, Oono is a family of dualities. It combines elegant looks with a warm diffused light effect. It couples the sturdy look of metal with the pureness of glass. It unifies exterior and interior, as the range offers IP-rated solutions for outdoor with straightforward surface mounted and pendant luminaires for indoors. It unites a play of straight lines with perfect circular shapes. It merges black and white, by adding a touch of gold. It brings together the shimmer of dusk with the fresh start of dawn.

Specification	
Adjustability:	Fixed
Rating:	IP54

Performance	
LED Maintenance:	L90>50,000h
McAdam Step:	1
CRI:	90
*SP:	10W

Delivered Lumens	2700K	3000K
Oono P:	572Lm	599Lm

Listing

ETL certified to US and Canadian safety standards.

Warranty

5-year limited warranty.

Ordering

ALL BOXES MUST BE FILLED IN TO CORRECTLY ORDER

Example: ONB4-SP30GFX-B-DMINCD8-120

Luminaire	Height	Power*	CCT	Style	Function	Finish	Installation	Application	Controls***
ONB OONO P (Bollard)	4 443mm / 17 ¹ / ₁₆ "	SP Standard Power	27 2700K	G Frosted Glass Enclosed	FX Fixed Bollard, Exterior Use	B Black	DM Direct Mount	INC Integral Power Supply	D8-120 FE ELV dim 120V
	7 743mm / 29 ¹ / ₄ "		30 3000K				N Anthracite		

*** Contact factory for additional dimming options

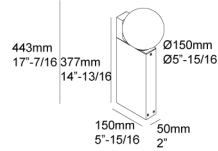
Related Products

Oono F, Oono W (wall)

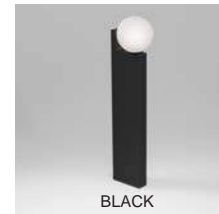
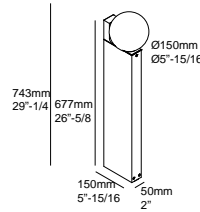


Finish Options

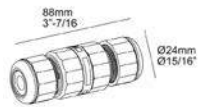
OONO P 4



OONO P 7



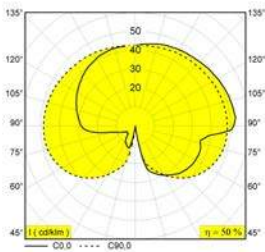
Accessories



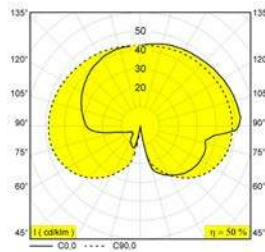
IP68 CONNECTOR 3P
6 216 12 03

Photometric Data

OONO P 4

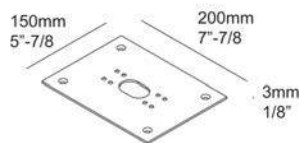


OONO P 7

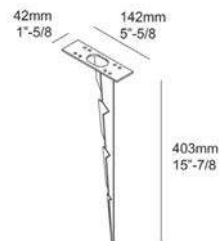


Installation Options

PL - PLATE 7



PM - PIN 12



Driver Options

D8

- Dimming Control Phase Control
- Dimming Range 10-100%
- Dim to off no
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥80
- THD @ Full Load <5%

Dimmer Compatibility

- Leviton IPE04-1LZ
- Lutron DVELV-300P

As technology changes, please use information above as guidance. For most recent updated information please contact factory. Specifications subject to change without notice.

NEON CONTOUR

It's like neon, but better! This bendable, waterproof silicone fixture uses a rounded lens that gives modern LEDs the classic glow of neon tubes. Available in Static White, Variable White and color changing RGB, the Neon Contour is designed to brave the elements in façade lighting and lettering.

- Side-bending flexible silicone creates vivid tubes of light
- RGB, Static White, Variable White at 3.0 W/ft (9.8 W/m)
- 1.97 in. (50 mm) incremental length
- Molded end cap for smooth finish
- Waterproof and UV resistant
- Salt water resistant
- Unique rounded design helps create signature styles

Applications:

Commercial Entertainment Healthcare	Hospitality Museums Public Spaces	Residential Retail / Signage
---	---	---------------------------------



ORDERING GUIDE

Category	Wattage & Color	Power Feed Direction
NLC		
NLC - Neon Contour	3.024 - 3.0 W/ft (9.8 W/m) 2400K 3.027 - 3.0 W/ft (9.8 W/m) 2700K 3.030 - 3.0 W/ft (9.8 W/m) 3000K 3.035 - 3.0 W/ft (9.8 W/m) 3500K 3.040 - 3.0 W/ft (9.8 W/m) 4000K	E - End Feed B - Bottom Feed LS - Left Side Feed* RS - Right Side Feed
Mounting		* Recommended

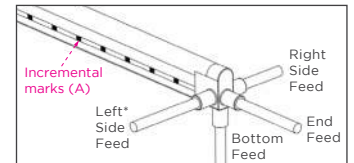
1. Aluminum Mounting Clip

Recommended for curved applications with 6 in. (150 mm) on center spacing
Part #: NLCMOUNTCLIPV2

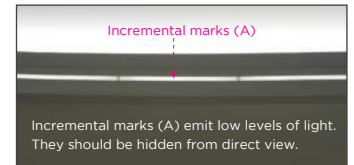
2. Neon Contour Mounting Channel

Recommended for all straight run applications
Sold by the foot, up to 6 ft 6 in. / 2 m
Part #: NLCCHV2

POWER FEED OPTIONS



INCREMENTAL MARKS



AVAILABLE COLORS AND COLOR TEMPERATURES



USAGE GUIDELINES

- Neon Contour cannot be cut in the field. All custom cuts and connections for these models must be performed at the factory to ensure waterproofing standards are met. Any modification of the waterproofing will result in a void warranty.
- When installing this product, consider the surface temperature of the material where it will be mounted. Many building surfaces which are exposed to direct sunlight exceed the 140 °F (60 °C) maximum for which this product is rated. High-risk locations like this should be avoided.
- This product can be used in wet, outdoor locations around swimming pools and spa tubs, but is not intended to be submerged in pools and fountains and does not carry UL 676 certification for submersion.
- Compatible with a wide variety of controls.
- For use with Acolyte drivers, Triac dimming modules, 0-10 V modules and DMX interfaces when applicable.
- Use with non-Acolyte Triac, MLV or ELV drivers is not supported or warranted.
- Due to the cuttable points inside, this product's cuttable lengths are generally longer or shorter than the customer requested length. Unless specified, this product is factory cut at the shorter cuttable point.

Acolyte does not warrant or represent that this information is free from errors or omission. We reserve the right to make changes to our product lineup, specifications, design and finishes at any time without notice. Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

POWER FEED OPTIONS / SPECIFICATIONS / USAGE GUIDELINES

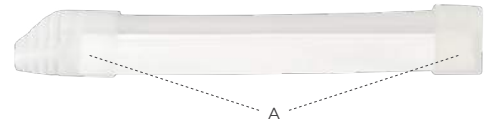
SPECIFICATIONS	NEON CONTOUR
Operating Voltage	24 VDC
Power Consumption	Static White, Variable White, RGB: 3.0 W/ft (9.8 W/m)
Protection Rating	IP67
Beam Angle	110°
Dimming	ELV / MLV / 0-10 Volt / DMX
Operating Temperature	-4 – 140 °F (-20 – 60 °C)
Color Temperatures / Colors	2400K, 2700K, 3000K, 3500K, 4000K, Variable White (2400K-6000K), RGB
Lifetime (L70 reported)	50,000 hours
Max Length	Static White: 42 ft 7.81 in. (13 m) Variable White, RGB: 16 ft 4.85 in. (5 m)
Incremental Length	1.97 in. (50 mm) NOT FIELD CUTTABLE
Power Cable Length	Standard: 12 in. (304.8 mm) / Custom: up to 20 ft (6 m)
UV Resistant	UV tested in accordance with ISO 4892-3 with no visible change on the appearance of the sample
Minimum Bend Radius	3.94 in. (100 mm)
CRI (white)	90+ for all Color Temperatures
Lumens	3.0 Static White 4000K: 152 lm/ft (498.6 lm/m), 38 lm/W
	3.0 Variable White 150 lm/ft (492 lm/m), 34 lm/W
	3.0 RGB
	Red: 11 lm/ft (36.1 lm/m), 11 lm/W Green: 43 lm/ft (141 lm/m), 29 lm/W Blue: 9 lm/ft (29.5 lm/m), 5 lm/W
	All LEDs at 100%: 63 lm/ft (206.6 lm/m), 21 lm/W

MOLDED END CAPS (See page 3 for details.)



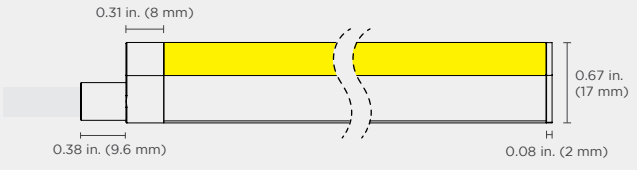
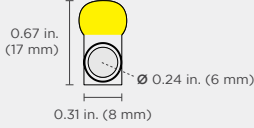
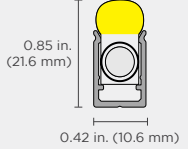
Molded End Cap Molded Power Feed End Cap

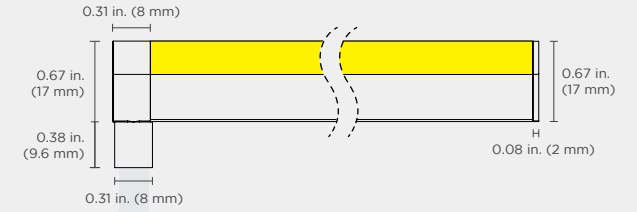
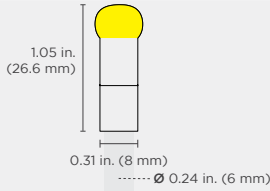
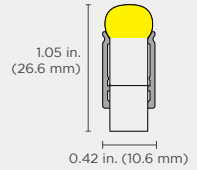
Note: Fixtures less than 8 in. (203 mm) long will come with silicone end caps (A).

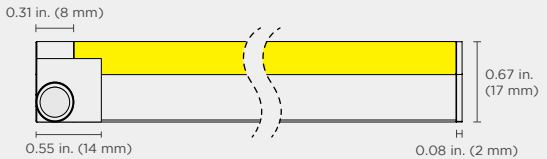
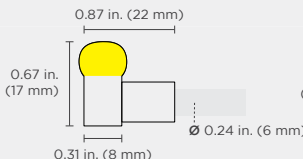
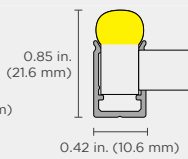


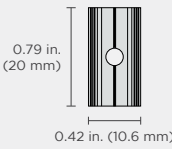
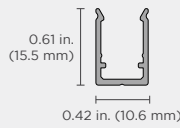
<p>2-pin Male Connector</p> <p>Side View</p> <p>End View</p>	<p>2-pin Female Connector</p> <p>End View</p> <p>Side View</p>
<p>3-pin Male Connector</p> <p>Side View</p> <p>End View</p>	<p>3-pin Female Connector</p> <p>End View</p> <p>Side View</p>
<p>4-pin Male Connector</p> <p>Side View</p> <p>End View</p>	<p>4-pin Female Connector</p> <p>End View</p> <p>Side View</p>

DIMENSIONS & DIAGRAMS

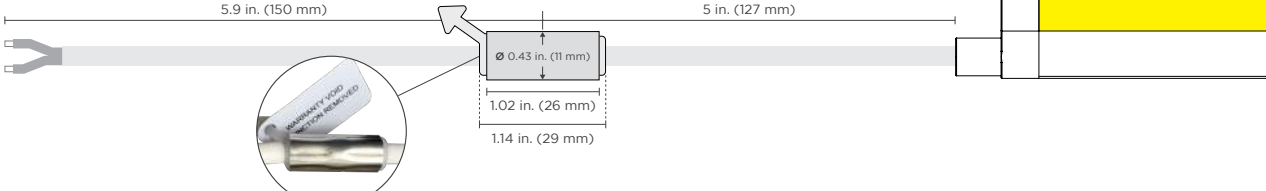
END FEED	
<p style="text-align: center;">Side View</p>  <p style="text-align: center;">Max Lengths: Static White: 42 ft 7.81 in. (13 m) Variable White, RGB: 16 ft 4.85 in. (5 m)</p>	<p style="text-align: center;">End View</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Bottom Width: 0.31 in. (8 mm) Height: 0.67 in. (17 mm) Cable Diameter: 0.24 in. (6 mm)</p> </div> <div style="text-align: center;"> <p>With Mounting Clip</p>  <p>Width: 0.42 in. (10.6 mm) Height: 0.85 in. (21.6 mm)</p> </div> </div>

BOTTOM FEED	
<p style="text-align: center;">Side View</p>  <p style="text-align: center;">Max Lengths: Static White: 42 ft 7.81 in. (13 m) Variable White, RGB: 16 ft 4.85 in. (5 m)</p>	<p style="text-align: center;">End View</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Bottom Width: 0.31 in. (8 mm) Height: 1.05 in. (26.6 mm) Cable Diameter: 0.24 in. (6 mm)</p> </div> <div style="text-align: center;"> <p>With Mounting Clip</p>  <p>Width: 0.42 in. (10.6 mm) Height: 1.05 in. (26.6 mm)</p> </div> </div>

SIDE FEED	
<p style="text-align: center;">Side View</p>  <p style="text-align: center;">Max Lengths: Static White: 42 ft 7.81 in. (13 m) Variable White, RGB: 16 ft 4.85 in. (5 m)</p>	<p style="text-align: center;">End View</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Bottom Width: 0.31 in. (8 mm) Height: 0.67 in. (17 mm) Cable Diameter: 0.24 in. (6 mm)</p> </div> <div style="text-align: center;"> <p>With Mounting Clip</p>  <p>Width: 0.42 in. (10.6 mm) Height: 0.85 in. (21.6 mm)</p> </div> </div>

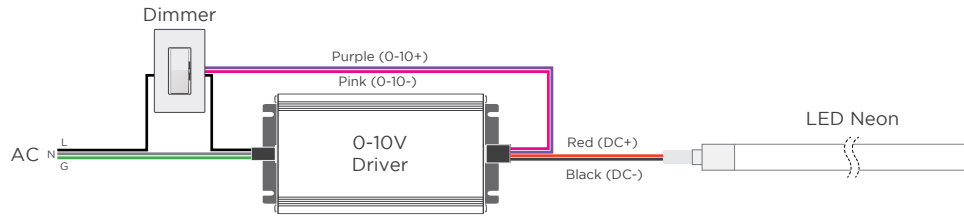
MOUNTING CLIP - Recommended for curved applications with 6 in. (150 mm) on center spacing.	
<p style="text-align: center;">Top View</p>  <p>Width: 0.42 in. (10.6 mm) Depth: 0.79 in. (20 mm)</p>	<p style="text-align: center;">End View</p>  <p>Width: 0.42 in. (10.6 mm) Height: 0.61 in. (15.5 mm)</p>

MOUNTING CHANNEL (Part #: NLCCHV2)
Recommended for all straight run applications. Sold by the foot, up to 6 ft 6 in. / 2 m (same width & height as mounting clip)

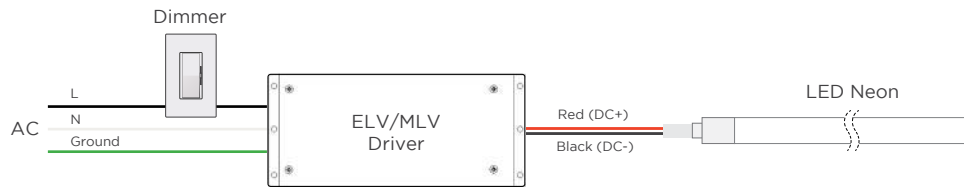
HYDRO SEAL	
<p>The Hydro Seal clinches tightly around the conductors to prevent any water flow from the end of the wire to the circuit board through capillary effect.</p> 	

WIRING DIAGRAMS - STATIC WHITE / RGB

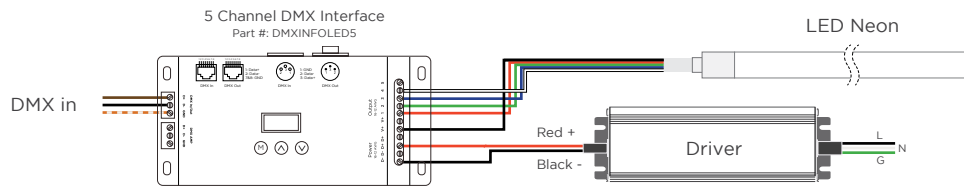
0-10V



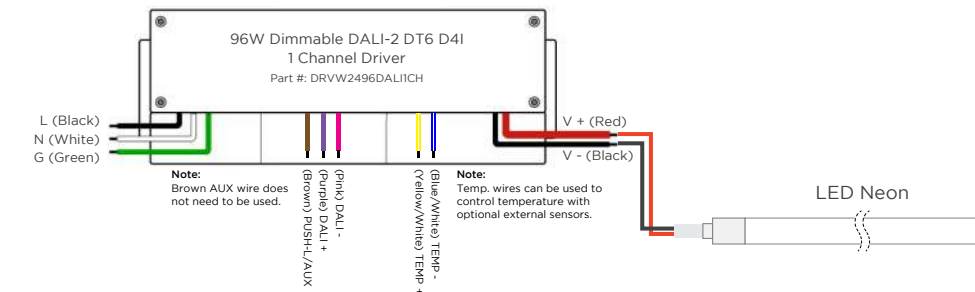
MLV / ELV



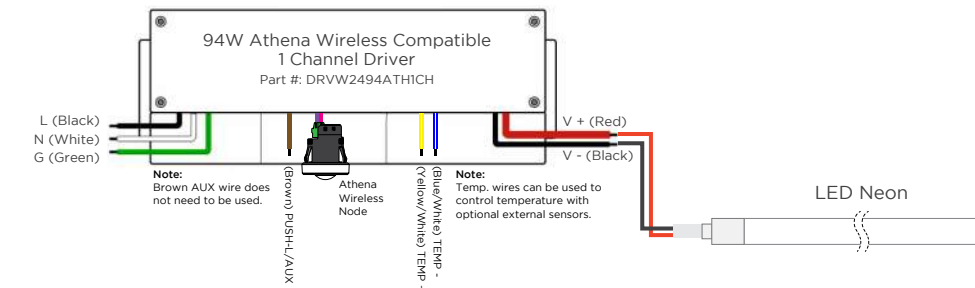
DMX



DALI-2 WIRING WITH STATIC WHITE NEON



STATIC WHITE NEON WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



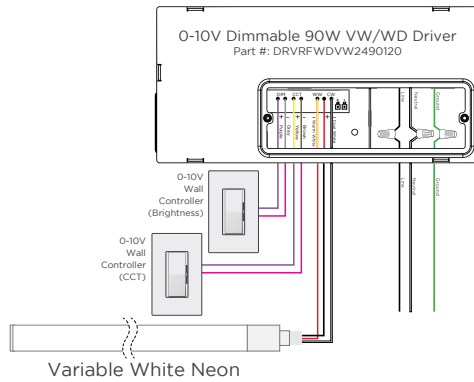
WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE
Red Wire (+) Positive
Black Wire (-) Negative

RGB
Black Wire (+) Positive
Red Wire (-) goes to Red Channel
Green Wire (-) goes to Green Channel
Blue Wire (-) goes to Blue Channel

WIRING DIAGRAMS - VARIABLE WHITE

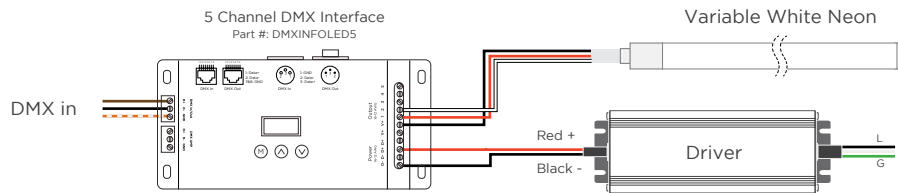
2-CHANNEL VARIABLE WHITE DIMMING



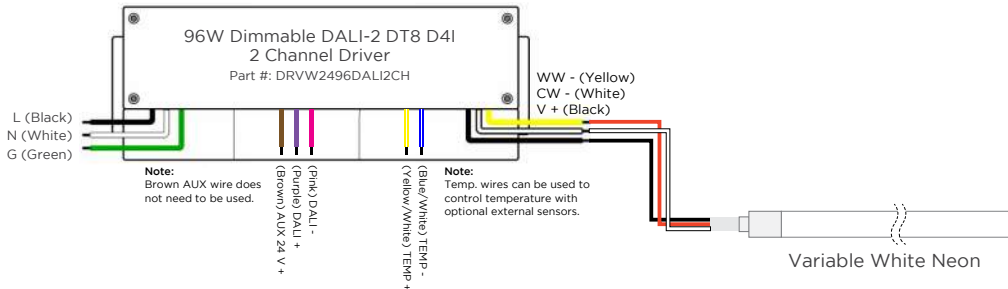
WIRE COLORS PER RIBBONLYTE COLOR

VARIABLE WHITE
Black Wire (+) Positive
Red Wire (-) goes to Warm White Channel
White Wire (-) goes to Cool White Channel

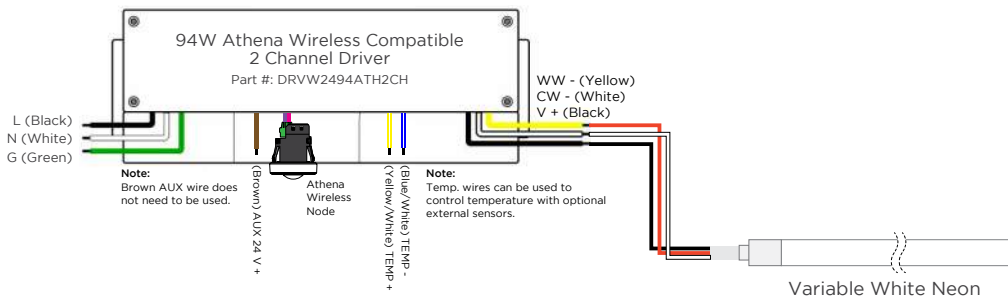
DMX WIRING DIAGRAM - COMPATIBLE WITH ALL MODELS OF VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE NEON



ATHENA WIRELESS COMPATIBLE DRIVER WIRING WITH VARIABLE WHITE NEON



REV.01AUG2025

GLOBAL HQ

320 Murray Hill Pkwy
East Rutherford, NJ 07073
U.S.
T: (+1) 212 629 6830
E: Sales-US@GENLEDBrands.com

EUROPEAN HQ

Hogeweyselaan 119
1382 JK Weesp
Netherlands
T: (+31) 346 235 000
E: SalesEurope@GENLEDBrands.com

MEINA HQ

PO Box 371378, #823, Building 4EA
Dubai Airport Free Zone
Dubai, UAE
T: (+971) 4 701 7901
E: SalesMEINA@genledbrands.com

ASIA-PACIFIC HQ

Room 402, Building D
Shensi Tongchuang Science and Technology Park
No. 16 Hongyin Road
Xingqiang Community, Xinhua Street
Guangming District, Shenzhen, China 518107
T: (+86) 755 8529 0710
E: Sales-Pacific@GENLEDBrands.com



WPX LED Wall Packs

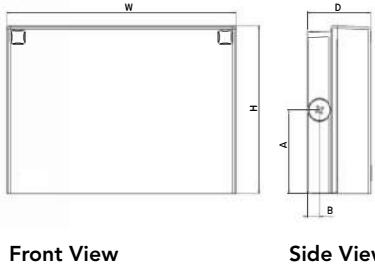
OW1



Catalog Number
Notes
Type

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

Specifications



Luminaire	Height (H)	Width (W)	Depth (D)	Side Conduit Location		Weight
				A	B	
WPX1	8.1" (20.6 cm)	11.1" (28.3 cm)	3.2" (8.1 cm)	4.0" (10.3 cm)	0.6" (1.6 cm)	6.1 lbs (2.8kg)
WPX2	9.1" (23.1 cm)	12.3" (31.1 cm)	4.1" (10.5 cm)	4.5" (11.5 cm)	0.7" (1.7 cm)	8.2 lbs (3.7kg)
WPX3	9.5" (24.1 cm)	13.0" (33.0 cm)	5.5" (13.7 cm)	4.7" (12.0 cm)	0.7" (1.7 cm)	11.0 lbs (5.0kg)

Introduction

The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing solutions for both HID wall pack replacement and new construction opportunities. Available in three sizes, the WPX family delivers 1,550 to 9,200 lumens with a wide, uniform distribution.

The WPX full cut-off solutions fully cover the footprint of the HID glass wall packs that they replace, providing a neat installation and an upgraded appearance. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life. Photocell and emergency egress battery options make WPX ideal for every wall mounted lighting application.

Ordering Information

EXAMPLE: WPX2 LED 40K MVOLT DDBXD

Series	Color Temperature	Voltage	Options	Finish	
WPX1 LED P1	1,550 Lumens, 11W ¹	30K 3000K	MVOLT 120V - 277V	(blank) None	DDBXD Dark bronze
WPX1 LED P2	2,900 Lumens, 24W	40K 4000K	347 347V ³	E4WH Emergency battery backup, CEC compliant (4W, 0°C min) ²	DWHXD White
WPX2 LED	6,000 Lumens, 47W	50K 5000K		E14WC Emergency battery backup, CEC compliant (14W, -20°C min) ²	DBLXD Black
WPX3 LED	9,200 Lumens, 69W			PE Photocell ³	Note : For other options, consult factory.

Note: The lumen output and input power shown in the ordering tree are average representations of all configuration options. Specific values are available on request.

NOTES

- All WPX wall packs come with 6kV surge protection standard, except WPX1 LED P1 package which comes with 2.5kV surge protection standard. Add SPD6KV option to get WPX1 LED P1 with 6kV surge protection. Sample nomenclature: WPX1 LED P1 40K MVOLT SPD6KV DDBXD
- Battery pack options only available on WPX1 and WPX2.
- Battery pack options not available with 347V or PE options.

FEATURES & SPECIFICATIONS

INTENDED USE

The WPX LED wall packs are designed to provide a cost-effective, energy-efficient solution for the one-for-one replacement of existing HID wall packs. The WPX1, WPX2 and WPX3 are ideal for replacing up to 150W, 250W, and 400W HID luminaires respectively. WPX luminaires deliver a uniform, wide distribution. WPX is rated for -40°C to 40°C.

CONSTRUCTION

WPX feature a die-cast aluminum main body with optimal thermal management that both enhances LED efficacy and extends component life. The luminaires are IP66 rated, and sealed against moisture or environmental contaminants.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs and LED lumen maintenance of L90/100,000 hours. Color temperature (CCT) options of 3000K, 4000K and 5000K with minimum CRI of 70. Electronic drivers ensure system power factor >90% and THD <20%. All luminaires have 6kV surge protection (Note: WPX1 LED P1 package comes with a standard surge protection rating of 2.5kV. It can be ordered with an optional 6kV surge protection). All photocell (PE) operate on MVOLT (120V - 277V) input.

Note: The standard WPX LED wall pack luminaires come with field-adjustable drive current feature. This feature allows tuning the output current of the LED drivers to adjust the lumen output (to dim the luminaire).

INSTALLATION

WPX can be mounted directly over a standard electrical junction box. Three 1/2 inch conduit ports on three sides allow for surface conduit wiring. A port on the back surface allows poke-through conduit wiring on surfaces that don't have an electrical junction box. Wiring can be made in the integral wiring compartment in all cases. WPX is only recommended for installations with LEDs facing downwards.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. IP66 Rated. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

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



Performance Data

Electrical Load

Luminaire	Input Power (W)	120V	208V	240V	277V	347V
WPX1 LED P1	11W	0.09	0.05	0.05	0.04	0.03
WPX1 LED P2	24W	0.20	0.12	0.10	0.09	0.07
WPX2	47W	0.39	0.23	0.20	0.17	0.14
WPX3	69W	0.58	0.33	0.29	0.25	0.20

Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a 25°C ambient, based on 6,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.94	>0.92	>0.90

HID Replacement Guide

Luminaire	Equivalent HID Lamp	WPX Input Power
WPX1 LED P1	100W	11W
WPX1 LED P2	150W	24W
WPX2	250W	47W
WPX3	400W	69W

Lumen Output

Luminaire	Color Temperature	Lumen Output
WPX1 LED P1	3000K	1,537
	4000K	1,568
	5000K	1,602
WPX1 LED P2	3000K	2,748
	4000K	2,912
	5000K	2,954
WPX2	3000K	5,719
	4000K	5,896
	5000K	6,201
WPX3	3000K	8,984
	4000K	9,269
	5000K	9,393

Lumen Ambient Temperature (LAT) Multipliers

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

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

Emergency Egress Battery Packs

The emergency battery backup is integral to the luminaire — no external housing or back box is required. The emergency battery will power the luminaire for a minimum duration of 90 minutes and deliver minimum initial output of 550 lumens. Both battery pack options are CEC compliant.

Battery Type	Minimum Temperature Rating	Power (Watts)	Controls Option	Ordering Example
Standard	0°C	4W	E4WH	WPX2 LED 40K MVOLT E4WH DDBXD
Cold Weather	-20°C	14W	E14WC	WPX2 LED 40K MVOLT E14WC DDBXD

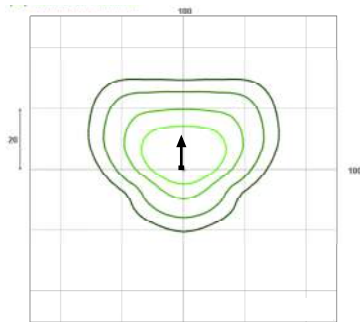
Photometric Diagrams

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

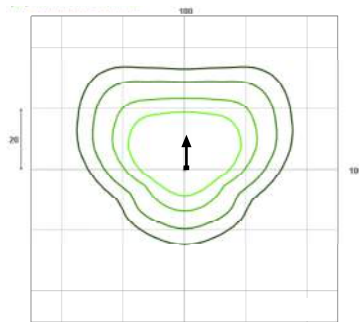
LEGEND

	0.1 fc
	0.2 fc
	0.5 fc
	1.0 fc

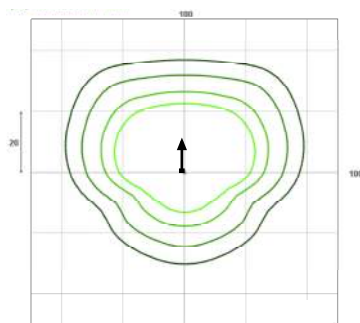
WPX1 LED P1



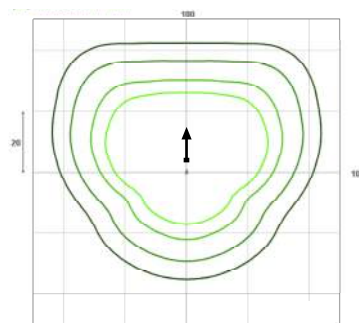
WPX1 LED P2



WPX2 LED



WPX3 LED



Mounting Height = 12 Feet.