URBAN DESIGN COMMISSION APPLICATION



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



| FOR OFFICE USE ONLY: | |
|----------------------|---------------------|
| Date Received | ☐ Initial Submittal |
| Paid | ■ Revised Submittal |
| | |

| | (608 | 3) 266-4635 | | | | | | | | | | | |
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| | desi proj subr acco | red meeting date ect requires bot mittals, a comp | e and the acti th UDC <u>and</u> I leted <u>Land</u> I | ication, including the on requested. If your Land Use application Use Application and are also required to | access the Si necesite acceder a Yog tias ntaub nt | d an interpreter, translator, materials in alternate formats or other accommodations to se forms, please call the Planning Division at (608) 266-4635. In interprete, traductor, materiales en diferentes formatos, u otro tipo de ayuda para estos formularios, por favor llame al (608) 266-4635. Ikoj xav tau ib tug neeg txhais lus, tus neeg txhais ntawv, los sis xav tau cov awv ua lwm hom ntawv los sis lwm cov kev pab kom paub txog cov lus qhia hu rau Koog Npaj (Planning Division) (608) 266-4635. | | | | | | | |
| 1. | Proj | ect Informatio | n | | | | | | | | | | |
| | | ress (list all addro | | roject site): <u>3535-3353 Unive</u> | ersity Ave | and 737 & 733 N Meadow Lane | | | | | | | |
| 2. | Арр | lication Type (d | check all that | apply) and Requested Da | ate | | | | | | | | |
| | UDC | meeting date r | equested Ju | ine 25, 2025 | | | | | | | | | |
| | | New developm Informational | ent 🗆 | Alteration to an existing Initial Approval | or previ | ously-approved development Final Approval | | | | | | | |
| 3. | Proj | ect Type | | | | | | | | | | | |
| | | Mixed-Use District Project in the Su Campus Institut District (EC) Planned Develop General De Specific Im | owntown Corect (UMX), or Minburban Emploional District (pment (PD) evelopment Pl | District (DC), Urban xed-Use Center District (MXC) syment Center District (SEC), CI), or Employment Campus an (GDP) | | Comprehensive Design Review (CDR) Modifications of Height, Area, and Setback Sign Exceptions as noted in Sec. 31.043(3), MGO er Please specify | | | | | | | |
| 4. | Арр | licant, Agent, a | and Property | Owner Information | | | | | | | | | |
| | Stre | licant name et address phone | Randy Christia 702 N. High P 608.235.9020 | oint Road | _ City _ Em | npany Walter Wayne Development //State/Zip Madison WI 53717 ail rc@starkcommercial.com | | | | | | | |
| | Proj | ect contact pers | | | _ | npany _JLA Architects + Planners | | | | | | | |
| | | et address | | way - Suite 200 | | //State/Zip Monona WI, 53713 | | | | | | | |
| Telephone 608.442.3823 | | | | | | Email pterry@jla-ap.com | | | | | | | |
| | | | | University 3000 LLC | | | | | | | | | |
| | | et address | 1741 Comme | | | //State/Zip Madison, WI 53713 | | | | | | | |
| | Tele | phone | 608.255.3573 | | Em | ail bbosben@apexrents.com | | | | | | | |

URBAN DESIGN COMMISSION APPROVAL PROCESS



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:

- <u>Informational Presentation</u>. 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)
- <u>Initial Approval</u>. 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.
- <u>Final Approval</u>. 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.

| Informational | Presentation |
|-----------------------------------|--------------|
|-----------------------------------|--------------|

- ☑ 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
- ▼ 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

- □ Letter of Intent (If the project is within a Urban Design District, a summary of <u>how</u> 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 requirement | c of the Initial | Approval (c | oo ahayal | nluc. |
|---------------------|-------------------|-------------|------------|-------|
| All the requirement | s or the illitial | Approvai (s | ee above), | pius: |

- ☑ 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 |
|--|
| $Letter\ of\ Intent\ (a\ summary\ of\ \underline{how}\ the\ proposed\ signage\ is\ consistent\ with\ the\ CDR\ or\ Signage\ Modifications\ criteria\ is\ required$ |
| 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 | 5. | Req | uired | Su | bmit | tal N | 1ater | ials |
|---------------------------------|----|-----|-------|----|------|-------|-------|------|
|---------------------------------|----|-----|-------|----|------|-------|-------|------|

☑ Application Form

A completed application form is required for <u>each</u> 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 de | tails) |
|--|--------------------------|---|--------|
|--|--------------------------|---|--------|

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

区 Electronic Submittal

- Complete electronic submittals <u>must</u> 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 <u>UDCapplications@cityofmadison.com</u>. The email must include the project address, project name, and applicant name.
- Email Size Limits. Note that <u>an individual email cannot exceed 20MB</u> and <u>it is the responsibility of the applicant</u> 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

- Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff.
 This application was discussed with <u>Jessica Vaughn</u> on May 29, 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 Randy Christianson

Relationship to property Owner's Agen

Authorizing signature of property owner Randy Christianson

Date 6/9/2025

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 \frac{$31.041(3)(d)(1)(c) MGO})$
- □ 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



July 30, 2025

City of Madison Plan Commission & Urban Design Commission c/o City of Madison Planning Division 215 Martin Luther King Jr. Blvd, Suite 017 Madison, WI 53701

Sent via email only:

Plan Commission: PCApplications@cityofmadison.com

Urban Design Commission: UDCApplications@cityofmadison.com

Re: Letter of Intent

Resubmittal to the Urban Design Commission Final Approval

Project: 3535-3553 University Ave and 733-737 North Meadow Lane

City of Madison Urban Design Commission Members:

On behalf of our client, University 3000, JLA Architects is pleased to submit this application to the City of Madison Urban Design Commission for final UDC approval for the mixed-use development located at 3535-3553 University Ave and 733-737 North Meadow Lane. This Letter of Intent serves as a summary of the enclosed submittal documents for this Project.

Project Team:

Owner: University 3000 LLC, 1741 Commercial Ave, Madison, WI 53713

Developer: Walter Wayne Development, 702 N. High Point Rd | Suite 200, Madison, WI 53717

Architect of Record: JLA Architects + Planners, 800 West Broadway | Suite 200, Monona, WI 53713

Civil Engineer & Landscape: JSD Engineers, 507 W Verona Ave | Suite 500, Verona, WI 53593

Structural Engineer: Spire Engineering, 305 N. Plankinton Avenue | Suite 101, Milwaukee, WI 53203

Urban Design Commission Feedback:

The project was presented to the Urban Design Commission on May 28, 2025 and received the following notable comments, which have been addressed in the submittal documents:

- The applicant shall provide fence details for the fence that runs along the south property line.

 Consideration should be given to securing he backyard space by incorporating a controlled access point or landscaping
 - o A gate will be installed to enclose the west rear yard along N. Meadow Lane
 - MG&E would prefer no gate installed, because it blocks their easement.
 - They understand the need for security around the building and will allow a gate be installed if a fire key box is mounted adjacent to the gate and allows MG&E access.



Cedar Wood privacy fence detail Gate would match the fence Natural Finish July 30, 2025

- The applicant shall provide additional details regarding glazing along the ground floor, especially as it relates to the transparency and lighting on both the north and south elevations.
 - o The storefront in front of the garage parking stalls will receive a transparent window film similar to 3M Frosted Cyrstal Glass Finish. The film will reduce the visibility of parked cars but allow the garage to be illuminated (active) at night along University Ave and Bruce Court
- The applicant shall provide the final design details for the windows systems. Of particular concern is that articulation/relief being incorporated.
 - o The building façade is thin brick veneer. To improve articulation, we have added precast stone head and sills to provide depth at the windows. There is also panel siding below the window to make them seem taller and provide further articulation.
- The applicant shall address the lighting comments noted in the staff report, including revising the lighting plan and providing fixture cutsheets as it relates to rooftop lighting, architectural lighting, individual balcony lighting.
 - o Rooftop lighting calculations and cut sheets are included in the revised submittal.
 - No architectural lighting or lighting high on the building is included currently.
 - o The individual balcony lighting cut sheet is included in the revised submittal
 - Balcony lights will be mounted on the recessed wall of the balconies

Staff and Neighborhood Input:

The project is in the Sunset Village Community.

The ownership and design team has been in constant communication with city officials and will continue to work with City staff through design, entitlements and during construction.

- DAT meeting was held November 21, 2024
- Preapplication Meeting was held September 13, 2024
- List-SERV Notice April 17, 2024
- Neighborhood Meeting January 16, 2025
- UDC Informational Submittal January 21, 2025
- UDC Informational Meeting February 5, 2025
- Land Use Application Submittal March 17, 2025
- UDC Meeting Initial approval May 28, 2025
- ODC Meeting Initial approval May 26, 2025
- Plan Commission Meeting June 9, 2025 approved
- Common Council Meeting June 17, 2025
- UDC Meeting Final Approval June 25, 2025

JLA Project No.: 22-0201

July 30, 2025

Project Schedule:

Construction is anticipated to start in Winter 2025 and be completed Spring 2027.

JLA Architects and University 3000, LLC respectfully request the Urban Design Commission review the application materials during the June 25, 2025 UDC meeting. Thank you for considering our proposal. We are excited about the opportunity to contribute to the City of Madison's west-side housing development initiatives.

Sincerely,

Patrick Terry

JLA Architects- Project Manager

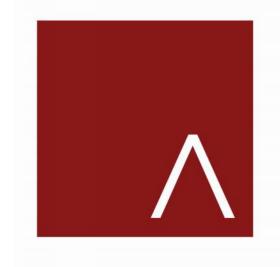
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UNIVERSITY 3000 LLC

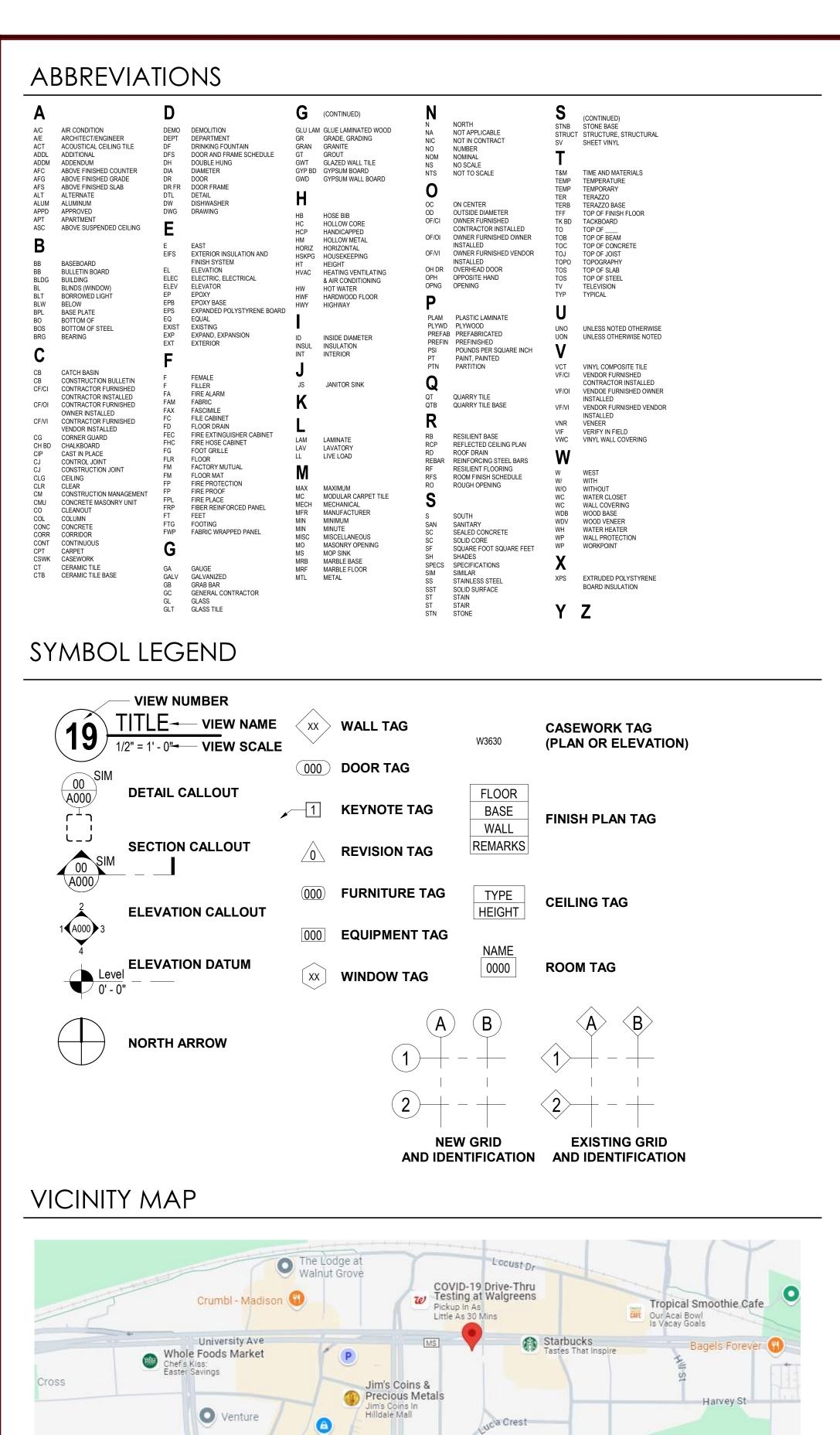
3575 University Ave, Madison, WI



LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

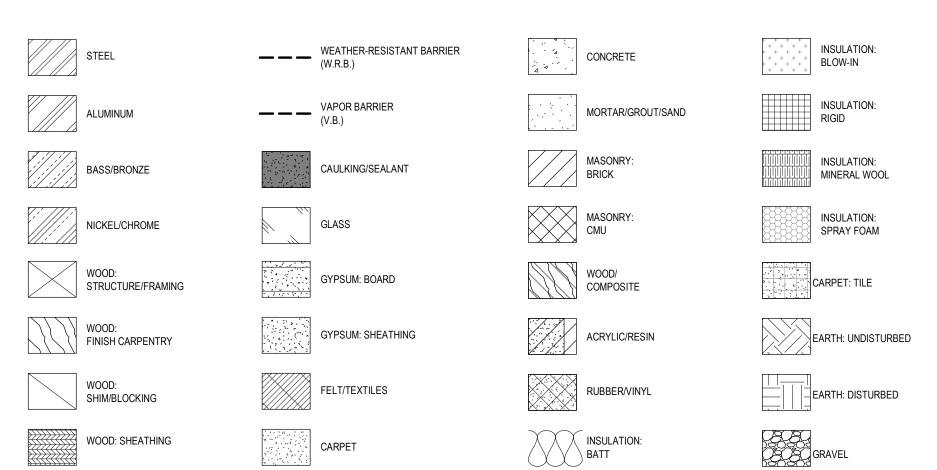






Crumbl - Madison Walnut Grove Crumbl - Madison Walnut Grove Covid-19 Drive-Thru Testing at Walgreens Petsting at Walgreens Petstin

MATERIAL LEGEND



PROJECT ADDRESS

UNIVERSITY 3000 LLC 3575 University Ave, Madison, WI

OWNER INFORMATION

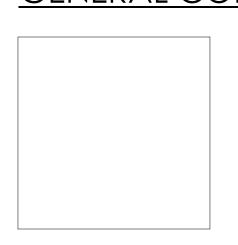
APEX RENTS

1741 Commercial Avenue Madison, WI 53704 CONTACT: Bruce Bosben

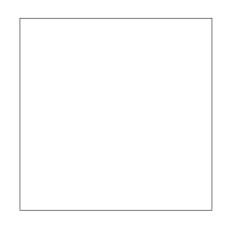
EMAIL: bbosben@apexrents.com
MAIN: 608.255.3753

PROJECT TEAM

GENERAL CONTRACTOR



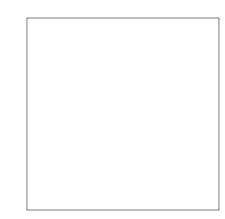
ARCHITECTURAL



JLA ARCHITECTS & PLANNERS

800 WEST BROADWAY - SUITE 200 MONONA, WISCONSIN 53713 CONTACT: PATRICK TERRY EMAIL: PTERRY@JLA-AP.COMMAIN: 608.241.9500

CIVIL ENGINEERING



JSD, INC

507 W. VERONA AVE., SUITE 500
VERONA, WISCONSIN 53593
CONTACT: ANDREW GEFFERT
EMAIL: ANDREW.GEFFERT@JSDINC.COM

EMAIL: ANDREW.GEI MAIN: 608.893.0086

MAIN: 414.278.9200

STRUCTURAL ENGINEERING



SPIRE ENGINEERING, INC
305 N PLANKINTON AVE, SUITE 101
MILWAUKEE, WI 53203
CONTACT: ALAN RENTMEESTER
EMAIL: ATR@SPIREENGINEER.com

SET ISSUE

LAND USE AND URBAN DESIGN COMMISSION RESUBMITTAL 6/16/2025

SHEET INDEX

| | - SHEET INDEX - DD - |
|---|---|
| SHEET NUMBER | |
| | |
| GENERAL | |
| G000 | COVER |
| G001 | INDEX SHEET |
| G002 | UNIT MATRIX |
| G003 | LIGHTING |
| CIVIL | |
| 1 of 1 | EXISTING CONDITIONS SURVEY |
| C100 | NOTES & LEGEND |
| C200 | DEMOLITION PLAN |
| C300 | ANNOTATED SITE PLAN |
| C301 | DIMENSIONED SITE PLAN |
| C400 | GRADING PLAN |
| C500 | UTILITY PLAN |
| C600 | DETAILS |
| C601 | DETAILS |
| LANDSCAPE | OVERALL LANDOGARE BLASS |
| L100 | OVERALL LANDSCAPE PLAN |
| L101 | DETAILED LANDSCAPE PLAN - WEST |
| L102 L200 | DETAILED LANDSCAPE PLAN - EAST LANDSCAPE DETAIL & NOTES |
| | |
| FIRE ACCESS .1 OF 1 | FIRE ACCESS PLAN |
| .1 OF 1 | FIRE ACCESS PLAN |
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| .1 OF 1 ARCHITECTUR A100 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL |
| .1 OF 1 ARCHITECTUF A100 A100.5 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL |
| .1 OF 1 ARCHITECTUR A100 A100.5 A101 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL FIRST FLOOR PLAN - OVERALL |
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| .1 OF 1 ARCHITECTUF A100 A100.5 A101 A102 A103 A104 A105 A106 A110 A200 A201 A202 A203 A204 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL FIRST FLOOR PLAN - OVERALL SECOND FLOOR PLAN - OVERALL THIRD FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - OVERALL FIFTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL ROOF PLAN - OVERALL EXTERIOR ELEVATIONS & MATERIALS EXTERIOR ELEVATIONS - BLACK & WHITE EXTERIOR RENDERINGS EXTERIOR RENDERINGS |
| .1 OF 1 ARCHITECTUF A100 A100.5 A101 A102 A103 A104 A105 A106 A110 A200 A201 A202 A203 A204 A205 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL FIRST FLOOR PLAN - OVERALL SECOND FLOOR PLAN - OVERALL THIRD FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - OVERALL FIFTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL ROOF PLAN - OVERALL EXTERIOR ELEVATIONS & MATERIALS EXTERIOR ELEVATIONS - BLACK & WHITE EXTERIOR RENDERINGS EXTERIOR RENDERINGS EXTERIOR RENDERINGS EXTERIOR RENDERINGS |
| .1 OF 1 ARCHITECTUF A100 A100.5 A101 A102 A103 A104 A105 A106 A110 A200 A201 A202 A203 A204 A205 A206 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL FIRST FLOOR PLAN - OVERALL SECOND FLOOR PLAN - OVERALL THIRD FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - OVERALL FIFTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL ROOF PLAN - OVERALL EXTERIOR ELEVATIONS & MATERIALS EXTERIOR ELEVATIONS - BLACK & WHITE EXTERIOR RENDERINGS |
| .1 OF 1 ARCHITECTUF A100 A100.5 A101 A102 A103 A104 A105 A106 A110 A200 A201 A202 A203 A204 A205 A206 A250 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL FIRST FLOOR PLAN - OVERALL SECOND FLOOR PLAN - OVERALL THIRD FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - OVERALL FIFTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL ROOF PLAN - OVERALL EXTERIOR ELEVATIONS & MATERIALS EXTERIOR ELEVATIONS - BLACK & WHITE EXTERIOR RENDERINGS USEABLE OPEN SPACE |
| .1 OF 1 ARCHITECTUF A100 A100.5 A101 A102 A103 A104 A105 A106 A110 A200 A201 A202 A203 A204 A205 A206 A250 A251 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL FIRST FLOOR PLAN - OVERALL SECOND FLOOR PLAN - OVERALL THIRD FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - OVERALL FIFTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL ROOF PLAN - OVERALL EXTERIOR ELEVATIONS & MATERIALS EXTERIOR ELEVATIONS - BLACK & WHITE EXTERIOR RENDERINGS USEABLE OPEN SPACE |
| .1 OF 1 ARCHITECTUF A100 A100.5 A101 A102 A103 A104 A105 A106 A110 A200 A201 A202 A203 A204 A205 A206 A250 A251 A300 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL FIRST FLOOR PLAN - OVERALL SECOND FLOOR PLAN - OVERALL THIRD FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL ROOF PLAN - OVERALL EXTERIOR ELEVATIONS & MATERIALS EXTERIOR ELEVATIONS - BLACK & WHITE EXTERIOR RENDERINGS USEABLE OPEN SPACE BUILDING SECTIONS |
| .1 OF 1 ARCHITECTUF A100 A100.5 A101 A102 A103 A104 A105 A106 A110 A200 A201 A202 A203 A204 A205 A206 A250 A251 A300 A302 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL FIRST FLOOR PLAN - OVERALL SECOND FLOOR PLAN - OVERALL THIRD FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - OVERALL FIFTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL ROOF PLAN - OVERALL EXTERIOR ELEVATIONS & MATERIALS EXTERIOR ELEVATIONS - BLACK & WHITE EXTERIOR RENDERINGS USEABLE OPEN SPACE BUILDING SECTIONS BUILDING SECTIONS |
| .1 OF 1 ARCHITECTUF A100 A100.5 A101 A102 A103 A104 A105 A106 A110 A200 A201 A202 A203 A204 A205 A206 A250 A251 A300 A302 A820 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL FIRST FLOOR PLAN - OVERALL SECOND FLOOR PLAN - OVERALL THIRD FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - OVERALL FIFTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL ROOF PLAN - OVERALL EXTERIOR ELEVATIONS & MATERIALS EXTERIOR ELEVATIONS - BLACK & WHITE EXTERIOR RENDERINGS EXTERIOR SPACE USEABLE OPEN SPACE BUILDING SECTIONS BUILDING SECTIONS BIRDGLASS CALCULATIONS |
| .1 OF 1 ARCHITECTUF A100 A100.5 A101 A102 A103 A104 A105 A106 A110 A200 A201 A202 A203 A204 A205 A206 A250 A251 A300 A302 | FIRE ACCESS PLAN RAL LOWER LEVEL 2 FLOOR PLAN - OVERALL LOWER LEVEL 1 FLOOR PLAN - OVERALL FIRST FLOOR PLAN - OVERALL SECOND FLOOR PLAN - OVERALL THIRD FLOOR PLAN - OVERALL FOURTH FLOOR PLAN - OVERALL FIFTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL SIXTH FLOOR PLAN - OVERALL ROOF PLAN - OVERALL EXTERIOR ELEVATIONS & MATERIALS EXTERIOR ELEVATIONS - BLACK & WHITE EXTERIOR RENDERINGS USEABLE OPEN SPACE BUILDING SECTIONS BUILDING SECTIONS |



JLA PROJECT NUMBER: W23-0222

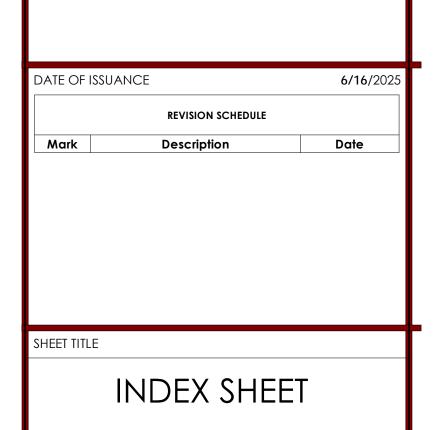
UNIVERSITY 3000 LLC

LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

SHEET ORGANIZATION

EACH DRAWING SHEET IS BASED UPON A 30 SQUARE GRID SYSTEM, STARTING WITH '1' IN THE TOP LEFT HAND CORNER AND WORKING LEFT-TO-RIGHT AND TOP-TO-BOTTOM TO '30' IN THE BOTTOM RIGHT HAND CORNER, EXAMPLE BELOW:

| | | | , | | | |
|----|----|----|----|----|----|-------------|
| 1 | 2 | 3 | 4 | 5 | 6 | |
| 7 | 8 | 9 | 10 | 11 | 12 | ΣK |
| 13 | 14 | 15 | 16 | 17 | 18 | TITLE BLOCK |
| 19 | 20 | 21 | 22 | 23 | 24 | TIT |
| 25 | 26 | 27 | 28 | 29 | 30 | |



G001

Sheet Number

UNIVERSITY 3000-MIXED USE - PROJECT DATA

3/11/2025



PER UNIT PER BR

1.14 1.06

| UNIT NAME | E | XEC STU | UDIO | | | | | STUDIO | | | | | | 1 | BEDROO | M | | | | | | 1 BEDROOM + DEN | | 2 BED | DROOM | | NITS | L AS | L NET | ION | L NET ABLE | REA | λ: | AREA | RESIDE | ENTIAL P | ARKING | COM | MERICAL | . PARKING | PARKIN | IG PA | ARKING RA | ATIOS | BICYCLES |
|-------------|------------|----------------|------|----------|--------|---------|------|-------------------|-------|-------|-------|-------|-------|-------|-----------------|-------|-------|---------|--------|---------|---------|--------------------|-------|-------|------------------|---------|---------------|-------------------|-------------|------------------------------------|---------------------|-------------|----------|-------------|--------|----------|------------|-------|---------|-----------|--------|-------------|------------|-----------|----------|
| PROPOSED | A 1 | A2 | А | 3 | B1 | B1.2 | B1.3 | B2 | В4 | B1.1 | В3 | C2.2 | C2.1 | C2.3 | C2 | C5 | C1 | C4 | C6 | C7 C8 | C3 | D1 | E2 | E1 | E4 | E3 | | | CIA | M PS | TIAI ASA | .: A | Ž | Α̈́. | D | Ē | | D | ш | | | | | | |
| BEDROOMS | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 1 | 1 | 1 | 2 | 2 | 2 | 2 | ■ | 2 2 | AER, LE, | \ook{\ook{\ook{\ook{\ook{\ook{\ook | EN] |)SS (S.F | <u> </u> | (S. F. | ER | AC | | H | AC | | TOTAL | L | >=>:=: A : | ₩ | TOTAL |
| AREA (S.F.) | 439 | 447 | 47 | 0 4 | 74 | 489 | 491 | 506 | 561 | 487 | 548 | 692 | 688 | 696 | 680 | 710 | 654 | 701 7 | 740 | 757 777 | 698 | 820 | 1,079 | 1,003 | 3 1,268 | 8 1,120 | (1) TO | (1) BED | COMA | (1,2) C AMEN | RESIDENT AREA LE | GRC | EFFI | PARK | COVI | SURF | TOTAL | COVI | SURE | TOTAL | | RESI | DENTIAL | RET | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3,881 | | 3,494 | 90.0% | | | | | | | | | | | | |
| 5 | 2 | 2 | | | 2 | 3 | 1 | 2 | | 2 | 1 | | | 1 | 2 | 1 | 1 | 2 | 3 | 1 1 | 1 | | | 1 | | 1 | 30 | 32 | - | - | 19,469 | 23,746 | 82.0% | | | | | | | | | | | | |
| 4 | | 2 | | | 2 | 14 | 2 | | 1 | 2 | 1 | 2 | 2 | 2 | 2 | | | 2 | | | | 1 | 1 | | 1 | 1 | 38 | 41 | - | - | 24,380 | 28,337 | 86.0% | | | | | | | | | | | | |
| 3 | | 2 | | | 2 | 14 | 2 | | 1 | 2 | 1 | 2 | 2 | 2 | 2 | | | 2 | | | | 1 | 1 | | 1 | 1 | 38 | 41 | - | - | 24,380 | 28,337 | 86.0% | | | | | | | | | | | | |
| 2 | | 2 | 2 | <u>)</u> | 2 | 14 | 2 | | 1 | 2 | 1 | 2 | 2 | 2 | 2 | | | 2 | | | | 1 | 1 | | 1 | 1 | 40 | 43 | _ | - | 25,319 | 29,390 | 86.1% | _ | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4,268 | 4,177 | | 8,884 | | 21,772 | 3 | (|) (| 3 20 | C | 0 20 | | 23 | | | 76 |
| LL/P1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31,595 | 69 | | 69 | 9 | | | | 69 | | | 45 |
| LL/P2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31,595 | 74 | | 74 | 4 | - | | | 74 PER UNIT | PER BR | PER 1K SF | 45 |
| TOTALS | 2 | 8 | 2 | 2 | 8 | 45 | 7 | 2 | 3 | 8 | 4 | 6 | 6 | 7 | 8 | 1 | 1 | 8 | 3 | 1 1 | 1 | 3 | 3 | 1 | 3 | 4 | 146 | 157 | 4,268 | 8,058 | 93,548 | 122,188 | 83.2% | 84,962 | 146 | (| 140 | 6 2 | 20 | 0 20 | | 166 1.0 | 0 0.9 | 3 4.69 | 166 |
| PERCENT | 1.37% | 5.48% 8.22% | | 7% 5. | 48% 30 | 0.82% 4 | | 1.37% 2 52.74% | 2.05% | 5.48% | 2.74% | 4.11% | 4.11% | 4.79% | 5.48% 29.45% | 0.68% | 0.68% | 5.48% 2 | .05% (| 0.68% | 7 0.68% | 2.05% 2.05% | 2.05% | 0.68% | % 2.059 7.53% | % 2.749 | | 0.00% | | , | | Average N. | | it | 512 | Averag | e S.F. per | space | | | SHARE | D PARKING | • | 7 | |

808 Average G.S.F per unit

(not including commercial or parking areas)

NOTES

1 GROSS AREA DOES NOT INCLUDE PARKING / SERVICE AREAS - ONLY FINISHED PROGRAM AREAS.

2 FIRST FLOOR COMMON AMENITY SPACE INCLUDES LOBBY, MAIL ROOM, PACKAGE ROOM, MINI MART & FITNESS AREAS

PARKING AREAS INCLUDE THE STAIRS & ELEVATOR, MECHANICAL & SUPPORT AREAS

4 PARKING FOR THE COMMERCIAL SPACES ASSUMES 1 SPACES PER 400 GSF
 5 GROSS UNIT AREA CALCULATED AT CENTERLINE OF DEMISING WALLS, CORRIDOR FACE OF STUD & EXTERIOR WALL FACE OF STUD

3575 University - Mixed Use 3/17/2025

| BICYCL | E PARKING (R | EQUIRED) | | |
|---|------------------|-----------|---------------------------|--------------------------------------|
| Required Bicycle Parking (Per Unit Type) | RATIO | QTY | Description | (REQUIRED) Bicycle Parking Totals |
| Studio | 1.0 | | per Unit | 89 |
| 1BR | 1.0 | 43 | per Unit | 43 |
| 1BR+Den | 1.0 | 3 | per Unit | 3 |
| 2BR | 1.0 | 11 | per Unit | 11 |
| Residential Sub-Total: | | 146 | | 146 |
| RESIDEN | NTIAL FLOOR/ WAL | L ALLOWED | | |
| Residential - Floor | 75.0% | | per Total Req Unit Pkg | 110 |
| Residential - Wall | 25.0% | | per Total Req Unit Pkg | 36 |
| **Residential Guest (UNSECURED) - Floor Mounted | 10.0% | 146 | per Total Units | 14 |
| Commercial - First Floor | 1.0 | 4268 SF | per 2000 SF | 2 |
| | | | TOTALS: | 162 |

| PROJECT LIMITS AND DESIGN | | | | | | | | | | | | | |
|--|--------------------------|---------------------------------|------------|---------------|--|--|--|--|--|--|--|--|--|
| Required Bicycle Parking (Per Unit Type) | PROVIDED BICYCLE PARKING | | | | | | | | | | | | |
| | Floor Mount | SITE - FIr Mount (Unsecured) | Wall Mount | GRAND TOTALS: | | | | | | | | | |
| First Floor - Bike Parking Provided | 69 | | | | | | | | | | | | |
| Lower Level/P1 - Bike Parking Provided | 45 | | | | | | | | | | | | |
| Lower Level/P2 - Bike Parking Provided | 45 | | | | | | | | | | | | |
| Site Bike Parking (Guest) | | 6 | | | | | | | | | | | |
| TOTALS: | 159 | 6 | 0 | 16 | | | | | | | | | |



JLA PROJECT NUMBER:

W23-0222

UNIVERSITY 3000 LLC

LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

REVISION SCHEDULE

Mark Description Date

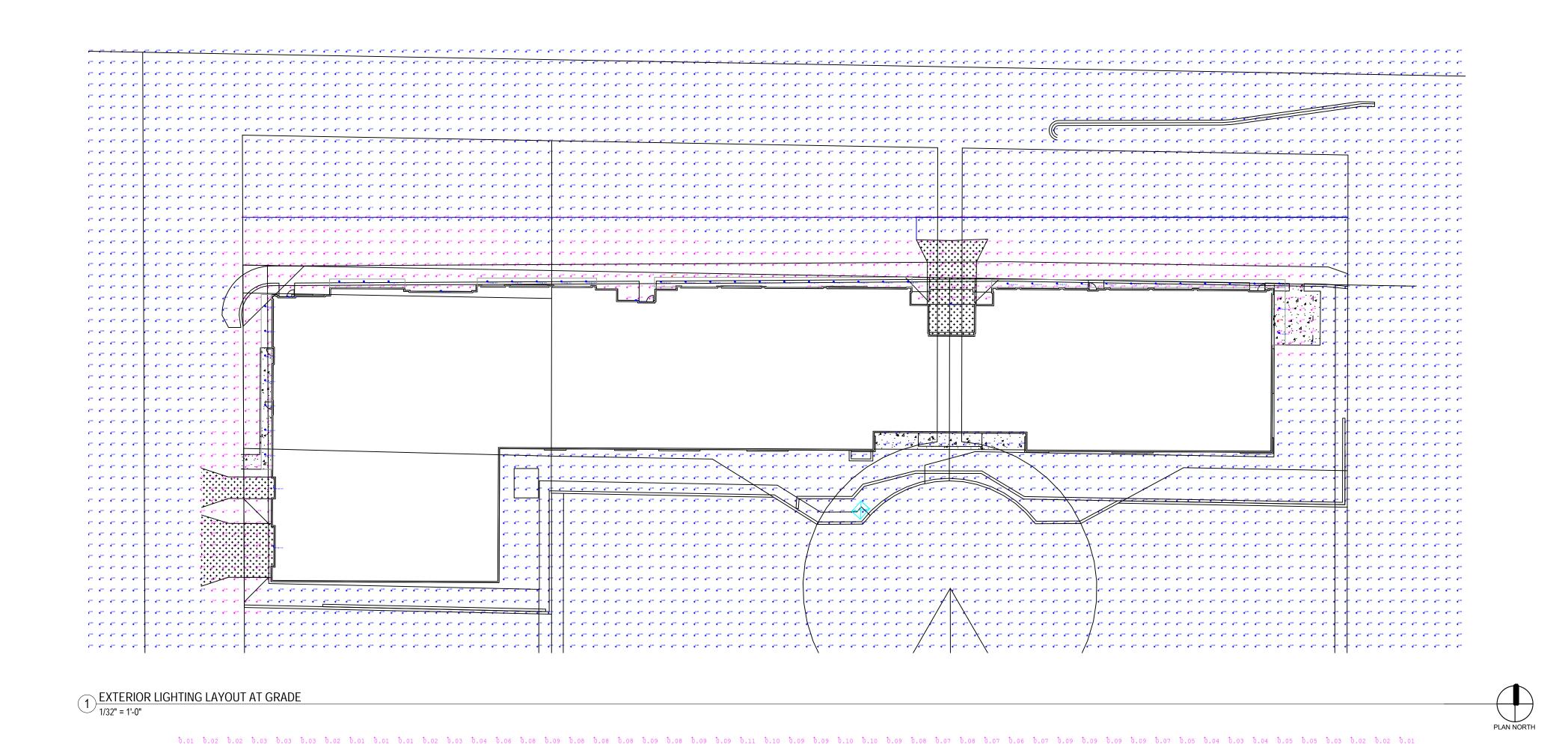
SHEET TITLE

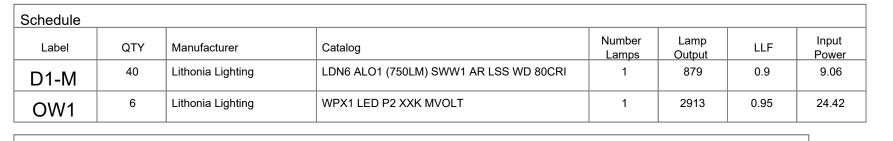
UNIT MATRIX

SHEET NIIIAARED

G002

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| 0 | | | | | | |
|--|--------|---------|---------|---------|---------|---------|
| Statistics | | | | | | |
| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
| Typical Under Canopy_At Grade | Ж | 4.59 fc | 5.90 fc | 3.29 fc | 1.8:1 | 1.4:1 |
| 10 FT From Presumed Property Line_At 4FT | + | 0.03 fc | 0.07 fc | 0.00 fc | N/A | N/A |



PROJECT NUMBER: W2:

UNIVERSITY 3000 LLC

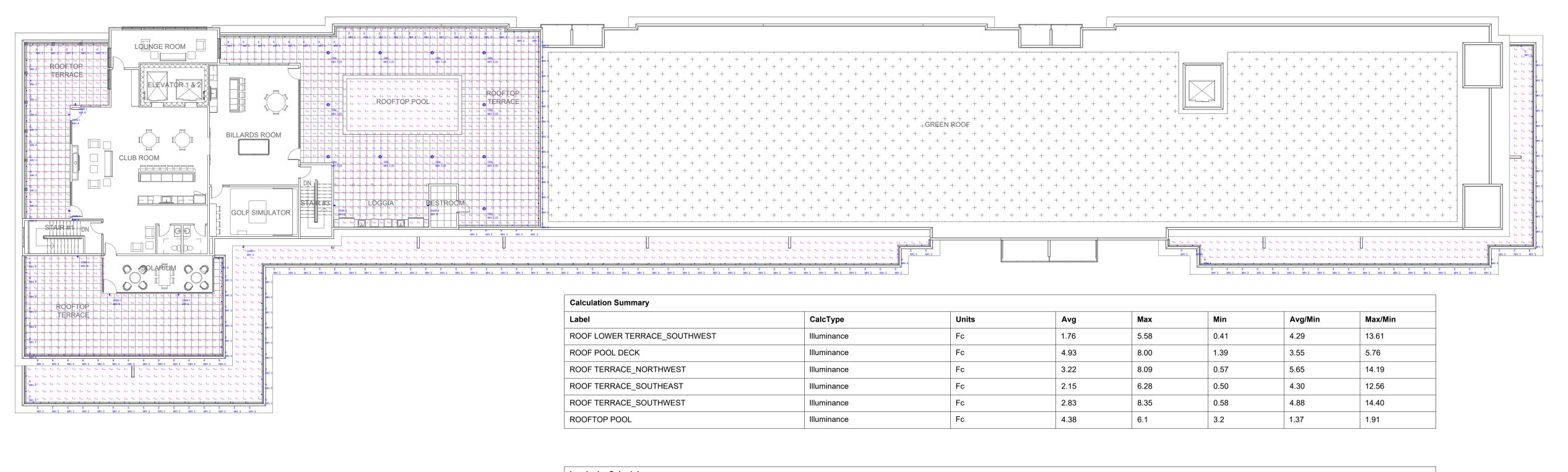
LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

| Calculation Summary | | | | | | | |
|-------------------------------|-------------|-------|------|------|------|---------|---------|
| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
| Presumed Propoerty Line @ 4FT | Illuminance | Fc | 0.05 | 0.22 | 0.00 | N.A. | N.A. |
| SITE | Illuminance | Fc | 0.03 | 0.16 | 0.00 | N.A. | N.A. |

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.





| Luminaire Schedule | | | | | | | | |
|--------------------|-------|-------------|-------|----------|---|------------|-------------|-------------|
| Qty | Label | Arrangement | LLF | MFR | Description | Lum. Watts | Total Watts | Lum. Lumens |
| 193 | E | Single | 0.950 | ZANEEN | E12R0008-XXXXK- Asymmetric | 1.5 | 291 | 116 |
| 11 | OB1 | Single | 0.950 | LITHONIA | KBR8 LED 16C 350 30K SYM MVOLT (Finish) | 20 | 220 | 1526 |
| 7 | OW0-1 | SINGLE | 0.950 | LITHONIA | WPX0 LED ALO-1 SWW2 MVOLT PE DDBXD | 6.0096 | 42.067 | 829 |
| 2 | OW0-2 | SINGLE | 0.950 | LITHONIA | WPX0 LED ALO-2 SWW2 MVOLT PE DDBXD | 7.4438 | 14.888 | 994 |

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

REVISION SCHEDULE

Mark Description Date

SHEET TITLE

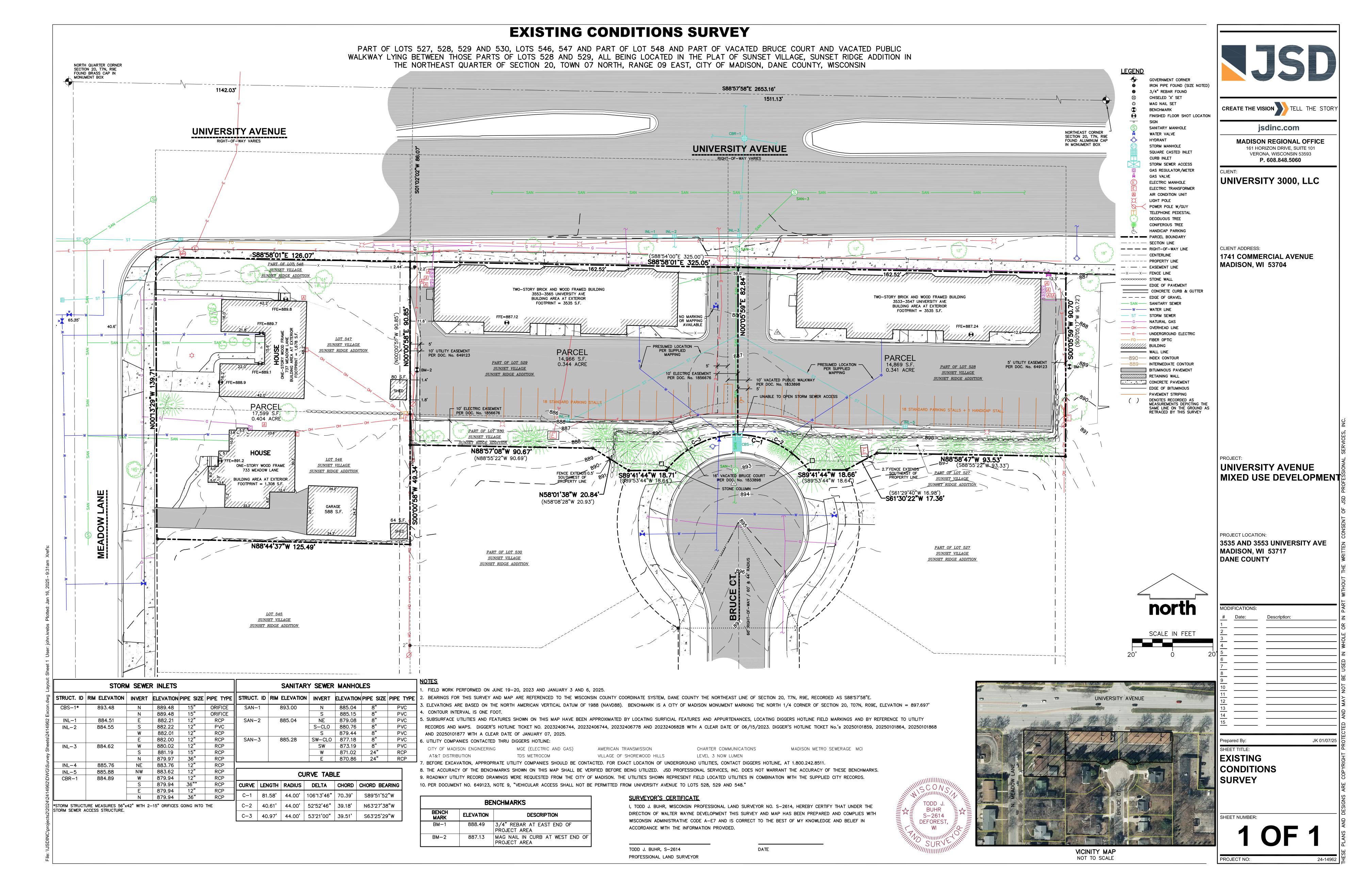
LIGHTING

SHEET NUMBER

G003

3 6TH FLOOR ROOF LIGHTING LAYOUT
1/16" = 1'-0"

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GENERAL NOTES

EXISTING GRADES AT CONSTRUCTION LIMITS.

- REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGENDS.
- ALL WORK IN THE RIGHT-OF-WAY AND/OR PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, JURISDICTIONAL SPECIFICATIONS, AND APPROVED BY THE JURISDICTION HAVING AUTHORITY. EXISTING GRADE SPOT ELEVATIONS SHOWN FOR INFORMATIONAL PURPOSES. DURING CONSTRUCTION MATCH
- NO SITE GRADING OUTSIDE OR DOWNSLOPE OF PROPOSED SILT FENCE LOCATION. NO LAND DISTURBANCE BEYOND PROPERTY LINES
- 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 CONTRACTOR SHALL RESTORE ALL BUILDINGS, PAVEMENT, PIPES, SLOPES, AND STRUCTURES DAMAGED BY THE
- CONTRACTOR TO PRE-EXISTING OR BETTER CONDITIONS. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE JURISDICTIONAL AUTHORITY AND IS SUBJECT TO CHANGE AT
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF THESE IMPROVEMENTS. ANY REFERENCES TO THE TERMS OR ENTITY ABBREVIATIONS IN THE FOLLOWING NOTES AND SPECIFICATIONS
- 9.1. "JURISDICTION" THE LOCAL GOVERNMENTAL AGENCY (I.E., CITY, VILLAGE, TOWN, COUNTY, STATE, OR UTILITY
- SERVICE PROVIDER) HAVING AUTHORITY. "STATE HIGHWAY SPECIFICATIONS" - STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND
- STRUCTURE CONSTRUCTION. CURRENT EDITION AND SUPPLEMENTS
- "STANDARD SPECIFICATIONS" STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, CURRENT EDITION AND SUPPLEMENTS
- WISCONSIN DEPARTMENT OF TRANSPORTATION "WISDOT" WISCONSIN DEPARTMENT OF NATURAL RESOURCES - "WDNR"
- 9.6. DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES "DSPS" OR "SPS"

DEMOLITION NOTES

SHALL BE UNDERSTOOD AS FOLLOWS

DESIGN THAT HAVE BEEN IDENTIFIED BY A REASONABLE OBSERVATION OF THE EXISTING CONDITIONS THROUGH FIELD SURVEY RECONNAISSANCE, "DIGGERS HOTLINE" LOCATION, AND GENERAL "STANDARD OF CARE". THERE MAY BE ADDITIONAL ITEMS THAT CAN NOT BE IDENTIFIED BY A REASONABLE ABOVEGROUND OBSERVATION. OF WHICH THE ENGINEER WOULD HAVE NO KNOWLEDGE OR MAY BE A PART OF ANOTHER DESIGN DISCIPLINE. IT IS THE CONTRACTOR'S/BIDDER'S RESPONSIBILITY TO REVIEW THE PLANS, INSPECT THE SITE, AND PROVIDE THEIR OWN DUE DILIGENCE TO INCLUDE IN THEIR BID WHAT ADDITIONAL ITEMS. IN THEIR OPINION, MAY BE NECESSARY FOR DEMOLITION, ANY ADDITIONAL ITEMS IDENTIFIED BY THE CONTRACTOR/BIDDER SHALL BE IDENTIFIED IN THE BID AND REPORTED TO THE ENGINEER OF RECORD, JSD TAKES NO RESPONSIBILITY FOR ITEMS ON THE PROPERTY THAT COULD NOT BE LOCATED BY A REASONABLE OBSERVATION OF THE PROPERTY OR OF WHICH THEY WOULD

THIS PLAN INDICATES ITEMS ON THE PROPERTY INTENDED FOR DEMOLITION BASED ON THE CURRENT SITE

DIRT, DUST, AND DEBRIS. ALL TREES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS SPECIFICALLY CALLED OUT FOR PROTECTION. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. STUMPS MAY BE GROUND TO

CONTRACTOR SHALL KEEP ALL STREETS AND PRIVATE DRIVES FREE AND CLEAR OF ALL CONSTRUCTION-RELATED

- PROPOSED SUBGRADE IN GRASSED AREAS ONLY UNLESS DIRECTED BY ENGINEER. ALL LIGHT POLES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BASE AND ALL
- APPURTENANCES. SALVAGE FOR RELOCATION. COORDINATE RELOCATION AND/OR ABANDONMENT OF ALL ELECTRIC LINES WITH ELECTRICAL ENGINEER AND OWNER PRIOR TO DEMOLITION.
- ABANDONED/REMOVED ITEMS SHALL BE LEGALLY DISPOSED OF OFFSITE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO REPLACE ALL SIDEWALK AND CURB AND GUTTER ABUTTING THE PROPERTIES THAT WERE DAMAGED BY THE CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO:

REGULATIONS TO AN APPROPRIATE AND APPROVED LANDFILL.

- 7.1. EXAMINE ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION
- VERIFY UTILITY ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCIES ARE RESOLVED. NOTIFY ALL UTILITIES OWNER'S PRIOR TO THE REMOVAL OF ANY UNDERGROUND UTILITIES
- NOTIFY THE DESIGN ENGINEER AND LOCAL CONTROLLING MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION.
- ANY UTILITIES THAT ARE DAMAGED BY THE CONTRACTORS SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE CONTRACTOR SHALL COORDINATE PRIVATE UTILITY REMOVAL/ABANDONMENT AND NECESSARY RELOCATION WITH RESPECTIVE UTILITY COMPANY. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES PRIOR
- 10. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE APPROVED JURISDICTION'S RECYCLING PLAN
- ANY CONTAMINATED SOILS ENCOUNTERED SHALL BE REMOVED IN ACCORDANCE WITH FEDERAL AND STATE
- . ALL EXISTING UTILITIES SHALL BE FIELD LOCATED AND CLEARLY MARKED BY CONTRACTOR PRIOR TO ANY EXCAVATION CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES OCCUR IN THE LOCATION SHOWN OR PROPOSED IMPROVEMENTS IMPACTING EXISTING UTILITY LINE LOCATION(S). CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING UTILITY LINE OPENINGS (ULO) TO CONFIRM LOCATIONS OR ELEVATIONS, AS REQUESTED BY THE ENGINEER.
- SEWER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 3.2.24 OF THE STANDARD SPECIFICATIONS AND JURISDICTIONAL SPECIFICATIONS.
- WATER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 4.14.0 OF THE STANDARD SPECIFICATIONS AND JURISDICTIONAL SPECIFICATIONS
- . ALL PERIMETER EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF DEMOLITION ACTIVITIES. CONTRACTOR SHALL KEEP ALL STREETS AND PAVEMENTS FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST, AND DEBRIS
- BUILDING REMOVALS SHALL BE PREFORMED BY A QUALIFIED CONTRACTOR. CONTRACTOR SHALL FOLLOW ALL DEMOLITION REGULATIONS, DISCONNECT ALL UTILITIES, OBTAIN ALL APPLICABLE PERMITS, AND DISPOSE OF ALL BUILDING MATERIALS IN APPROPRIATE AND APPROVED LANDFILLS. DEMOLISHED MATERIALS SHALL NOT BE BURNED OR BURIED ONSITE.
- CONTRACTOR SHALL REMOVE EXISTING UTILITY PIPE OR PROVIDE PIPE BACKFILLING AFTER REMOVAL OF EXISTING UTILITIES WITHIN BUILDING FOOTPRINT USING "LOW DENSITY CONCRETE/FLOWABLE FILL".
- RESTORATION OF THE EXISTING ROADWAY RIGHT-OF-WAYS ARE CONSIDERED INCIDENTAL AND SHALL BE PART OF THE COST OF THE UNDERGROUND IMPROVEMENTS, DEMOLITION, AND REMOVAL. THIS INCLUDES CURB AND GUTTER, SIDEWALK, TOPSOIL, SEEDING, AND MULCHING.

PAVING NOTES

- PAVING SHALL CONFORM TO STATE HIGHWAY SPECIFICATIONS, APPLICABLE JURISDICTIONAL SPECIFICATIONS AND THE GEOTECHNICAL REPORT PREPARED BY CGC. INC. TITLED GEOGRAPHICAL EXPLORATION REPORT. ISSUE DATE 1/9/2024. ALL REFERENCES TO THE "GEOTECHNICAL REPORT" SHALL BE UNDERSTOOD AS THE AFOREMENTIONED REPORT ALL PAVING DIMENSIONS ARE TO FACE OF CURB UNLESS SPECIFIED OTHERWISE.
- ALL SPOT GRADES ARE TO EDGE OF PAVEMENT UNLESS SPECIFIED OTHERWISE. SURFACE PREPARATION - NOTIFY ENGINEER/OWNER OF UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAVING WORK UNTIL DEFICIENT SUBBASE AREAS HAVE BEEN CORRECTED AND ARE READY TO RECEIVE PAVING. 1.5. ANY REQUIRED REPLACEMENT OF PUBLIC CURB AND GUTTER, PAVEMENT, OR SIDEWALK SHALL MATCH EXISTING AND MEET JURISDICTIONAL REQUIREMENTS.

CRUSHED AGGREGATE BASE COURSE SPECIFICATIONS: 1. THE TOP LAYER OF BASE COURSE SHALL CONFORM TO SECTIONS 301 AND 305 OF THE STATE HIGHWAY

CONSTRUCTION.

- SPECIFICATIONS RECLAIMED OR RECYCLED ASPHALT MAY NOT BE USED AS CRUSHED AGGREGATE BASE COURSE UNLESS SPECIFICALLY APPROVED BY THE ENGINEER OF RECORD. USE OF ANY OTHER REPROCESSED OR BLENDED MATERIAL MUST FIRST BE APPROVED BY ENGINEER OF RECORD
- DO NOT PLACE BASE ON FROZEN FOUNDATIONS UNLESS THE ENGINEER APPROVES OTHERWISE DO NOT PLACE BASE ON FOUNDATIONS THAT ARE SOFT, SPONGY, OR COVERED BY ICE OR SNOW.

THE PLACING, CONSTRUCTION, AND COMPOSITION OF THE BASE COURSE AND HMA SURFACE COURSE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 450, 455, 460, AND 465 OF THE STATE HIGHWAY **SPECIFICATIONS**

- WEATHER LIMITATIONS: 3.2.1. DO NOT PLACE HMA WHEN BASE IS WET OR CONTAINS EXCESS MOISTURE. DO NOT PLACE ASPHALTIC MIXTURE WHEN THE AIR TEMPERATURE IS APPROXIMATELY 3' ABOVE GRADE. IN
- SHADE, AND AWAY FROM ARTIFICIAL HEAT SOURCES IS LESS THAN 40°F UNLESS A VALID ENGINEER-ACCEPTED COLD WEATHER PAVING PLAN IS IN EFFECT. PLACE ASPHALTIC MIXTURE ONLY ON A PREPARED FIRM AND COMPACTED BASE FOUNDATION LAYER OR EXISTING PAVEMENT SUBSTANTIALLY SURFACE-DRY AND FREE OF LOOSE AND FOREIGN MATERIAL. DO NOT PLACE OVER FROZEN SUBGRADE OR BASE, OR WHERE THE ROADBED IS UNSTABLE.
- APPLY TACK COAT ONLY WHEN THE AIR TEMPERATURE IS 32°F OR MORE UNLESS THE ENGINEER APPROVES OTHERWISE IN WRITING ALL ASPHALT (BOTH UPPER AND LOWER LAYERS) SHALL BE DELIVERED TO THE PROJECT SITE AT A TEMPERATURE NOT LOWER THAN 250°F. CONTRACTOR SHALL ESTABLISH AND MAINTAIN REQUIRED LINES AND ELEVATIONS FOR EACH COURSE DURING
- BINDER COURSE AGGREGATE THE AGGREGATE FOR THE BINDER COURSE SHALL CONFORM TO SECTION 460 OF THE STATE HIGHWAY **SPECIFICATIONS**
- SURFACE COURSE AGGREGATE THE AGGREGATE FOR THE SURFACE COURSE SHALL CONFORM TO SECTIONS 460 AND 465 OF THE STATE HIGHWAY SPECIFICATIONS
- ASPHALTIC MATERIALS 3.6.1. THE ASPHALTIC MATERIALS SHALL CONFORM TO SECTIONS 455, 460, AND 465 OF THE STATE HIGHWAY SPECIFICATIONS
- CONCRETE PAVING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 405, 415, AND 416 OF THE STATE HIGHWAY SPECIFICATIONS. CURING COMPOUNDS SHALL CONFORM TO SECTION 415 OF THE STATE HIGHWAY SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE A JOINTING PLAN TO ENGINEER IF NOT INCLUDED IN THE PLANS. CONTRACTOR SHALL PROVIDE CONTROL JOINTS AND CONSTRUCTION JOINTS OF ONE-QUARTER CONCRETE THICKNESS AT AN EQUAL RATIO OF LENGTH TO WIDTH WHEREVER POSSIBLE WITH A MAXIMUM LENGTH BETWEEN JOINTS OF 15' ON CENTER CONTRACTOR SHALL PROVIDE EXPANSION JOINTS IN SIDEWALKS AT A MAXIMUM 100' APART
- PLACE EXPANSION JOINTS IN CURB, GUTTER, OR CURB AND GUTTER CONSTRUCTED NEXT TO ASPHALTIC PAVEMENT OR SURFACING. LOCATE JOINTS EVERYWHERE THAT TANGENT AND RADIAL CURB OR CURB AND GUTTER MEET: ON EACH SIDE OF EVERY INLET 3' FROM THE INLET, BUT NO CLOSER THAN 6' FROM ANOTHER JOINT: AND ON TANGENT SECTIONS PLACE BETWEEN 6' AND 300'.
- IF CONSTRUCTING CURB, GUTTER, OR CURB AND GUTTER NEXT TO, OR ON, CONCRETE PAVEMENT CONSTRUCTED WITH EXPANSION JOINTS, THEN PLACE EXPANSION JOINTS TO MATCH THE EXPANSION JOINT OCATIONS IN THE PAVEMENTS.
- FOR CURB AND GUTTER, FORM CONTRACTION JOINTS BY SAWING OR FORMING AN INDUCED PLANE OF WEAKNESS AT LEAST 2" DEEP IN THE CURB, GUTTER, OR CURB AND GUTTER DIRECTLY OPPOSITE CONSTRUCTION OR CONTRACTION JOINTS IN ADJOINING CONCRETE PAVEMENT AND AT THE REQUIRED SPACING IN CURB, GUTTER, OR CURB AND GUTTER ADJOINING ASPHALTIC PAVEMENT. SPACE JOINTS BETWEEN 6' AND APPROXIMATELY 20' APART AS THE ENGINEER DIRECTS EXTERIOR CONCRETE SURFACES SHALL BE BROOM FINISHED
- CONTRACTOR SHALL INSTALL TRUNCATED DOME WARNING DETECTION FIELD SHALL BE PLACED AT ALL ADA RAMPS AS SPECIFIED ON PLANS AND IN ACCORDANCE WITH STATE AND FEDERAL REQUIREMENTS.
- ALL PARKING STALL LINES SHALL BE 4" WIDE, HIGH VISIBILITY YELLOW LATEX PAINT.
- ALL PAVEMENT MARKINGS INCLUDING STOP BARS, CROSSWALKS, DIRECTIONAL ARROWS, PARKING STALL LINES, ADA STALL MARKINGS, NO PARKING ZONES, AND DROP-OFF/PICK-UP ZONES SHALL BE PAINTED WITH LATEX PAINT PER SPECIFICATIONS.

CONSTRUCTION SEQUENCING

- INSTALL PERIMETER SILT FENCE, WATTLES, INLET PROTECTION, AND CONSTRUCTION ENTRANCE.
- 2. STRIP AND STOCKPILE TOPSOIL AND INSTALL SILT FENCE AROUND PERIMETER OF STOCKPILE.
- CONDUCT ROUGH GRADING EFFORTS AND INSTALL CHECK DAMS WITHIN DRAINAGE DITCHES.
- 4. INSTALL UTILITY PIPING AND STRUCTURES, IMMEDIATELY INSTALL INLET PROTECTION. COMPLETE FINAL GRADING, INSTALLATION OF GRAVEL BASE COURSES, PLACEMENT OF CURBS, PAVEMENTS,
- PLACE TOPSOIL AND IMMEDIATELY STABILIZE DISTURBED AREAS WITH EROSION CONTROL MEASURES AS
- EROSION CONTROLS SHALL NOT BE REMOVED UNTIL SITE IS FULLY STABILIZED OR 70% CONTIGUOUS VEGETATIVE COVER IS ESTABLISHED CONTRACTOR MAY MODIFY SEQUENCING AFTER ITEM NO. 1 AS NEEDED TO COMPLETE CONSTRUCTION IF

EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL

CITY FORESTRY NOTES

- 1. ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING
- AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE: HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM
- 3. CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE. CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREE(S). THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (FITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
- 4. SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ADDRESSES SOIL COMPACTION NEAR STREET TREES AND SHALL BE FOLLOWED BY CONTRACTOR, THE STORAGE OF PARKED VEHICLES, CONSTRUCTION EQUIPMENT, BUILDING MATERIALS, REFUSE, EXCAVATED SPOILS OR DUMPING OF POISONOUS MATERIALS ON OR AROUND TREES AND ROOTS WITHIN FIVE (5) FEET OF THE TREE OR WITHIN THE PROTECTION ZONE IS
- 5. ON THIS PROJECT, STREET TREE PROTECTION ZONE FENCING IS REQUIRED. THE FENCING SHALL BE ERECTED BEFORE THE DEMOLITION, GRADING OR CONSTRUCTION BEGINS. THE FENCE SHALL INCLUDE THE ENTIRE WIDTH OF TERRACE AND, EXTEND AT LEAST 5 FEET ON BOTH SIDES OF THE OUTSIDE EDGE OF THE TREE TRUNK. DO NOT REMOVE THE FENCING TO ALLOW FOR DELIVERIES OF EQUIPMENT ACCESS THROUGH THE TREE PROTECTION ZONE.
- 6. STREET TREE PRUNING SHALL BE COORDINATED WITH MADISON FORESTRY AT A MINIMUM OF TWO WEEKS PRIOR TO THE START OF CONSTRUCTION FOR THIS PROJECT. ALL PRUNING SHALL FOLLOW THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300 - PART 1 STANDARDS FOR PRUNING.
- 7. ADDITIONAL STREET TREES ARE NEEDED FOR THIS PROJECT. TREE PLANTING SPECIFICATIONS CAN BE FOUND IN SECTION 209 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (WEBSITE: HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM) - ALL STREET TREE PLANTING LOCATIONS AND TREE SPECIES WITHIN THE RIGHT OF WAY SHALL BE DETERMINED BY CITY FORESTRY. A LANDSCAPE PLAN AND STREET TREE PLANTING PLAN SHALL BE SUBMITTED IN PDF FORMAT TO CITY FORESTRY FOR APPROVAL OF PLANTING LOCATIONS WITHIN THE RIGHT OF WAY AND TREE SPECIES. ALL
- AVAILABLE STREET TREE PLANTING LOCATIONS SHALL BE PLANTED WITHIN THE PROJECT BOUNDARIES. 8. AT LEAST ONE WEEK PRIOR TO STREET TREE PLANTING. CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO SCHEDULE INSPECTION AND APPROVAL OF NURSERY TREE STOCK

AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.

UTILITY NOTES

- 1. ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER SHALL CALL "DIGGERS HOTLINE" PRIOR TO ANY CONSTRUCTION.
- PRIOR TO CONSTRUCTION. THE PRIME CONTRACTOR IS RESPONSIBLE FOR: 2.1. EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE
- START OF CONSTRUCTION. OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
- VERIFYING ALL ELEVATIONS, LOCATIONS, AND SIZES OF SANITARY, WATER, AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS. NOTIFY ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.

DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES

- NOTIFYING ALL UTILITIES PRIOR TO INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
- NOTIFYING THE DESIGN ENGINEER AND JURISDICTIONAL AUTHORITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION. COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE
- PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
- 3. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC UTILITIES AND STATE DSPS/SPS AND LOCAL CODES AND SPECIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO
- WITH THE APPROPRIATE JURISDICTIONAL AUTHORITIES. 4. SPECIFICATIONS SHALL COMPLY WITH THE JURISDICTIONAL AUTHORITY'S SPECIAL PROVISIONS.
- LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS. . CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVERNIGHT

AS REQUIRED IN CONSTRUCTION SITES WHERE THE POTENTIAL FOR PEDESTRIAN INJURY EXISTS.

- 8. CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
- 9. ALL NON-METALLIC UTILITY PIPES (SANITARY SEWER, STORM SEWER, AND WATER PIPING) SHALL BE INSTALLED IN CONJUNCTION WITH TRACER WIRE AS REQUIRED BY SPS 382.30(11)(H), SPS 382.36(7)(C)10., AND SPS 382.40(8)(K).

COLOR OF TRACER WIRE SHALL BE: SANITARY SEWER - GREEN, STORM SEWER - BROWN, WATER - BLUE,

- 10. DRY UTILITIES (COMMUNICATION, TELEPHONE, GAS, ELECTRIC, ETC.) ARE SHOWN FOR GENERAL ROUTING ONLY. CONTRACTOR SHALL COORDINATE DESIGN AND FINAL LOCATION WITH APPROPRIATE UTILITY COMPANY.
- 11. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
- 12. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES. WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE JURISDICTIONAL AUTHORITY'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE INSTALLED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED, IF REQUIRED. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
- 14. IN ANY LOCATIONS WHERE BUILDING SEWERS (STORM AND SANITARY) ARE INSTALLED WITH LESS THAN THE MINIMUM COVER AS SPECIFIED IN SPS 382.30(11)(c) OR WATER PIPING 382.40(8)(a), CONTRACTOR SHALL INSTALL INSULATION IN ACCORDANCE WITH SPS 382.30(11)(c)2. FOR PROTECTION FROM FROST. 5. STORM SEWER SPECIFICATIONS:
- 15.1.1. REINFORCED CONCRETE PIPE (RCP) SHALL MEET THE REQUIREMENTS OF ASTM CLASS III (MINIMUM) C76 WITH RUBBER GASKET JOINTS CONFORMING TO ASTM C443. 15.1.2. HIGH DENSITY DUAL-WALL POLYETHYLENE CORRUGATED PIPE (HDPE) - SHALL BE AS MANUFACTURED BY ADS OR EQUAL WITH WATERTIGHT JOINTS, AND SHALL MEET THE REQUIREMENTS OF AASHTO DESIGNATION M294 TYPE "S".
- 15.1.3. POLYVINYL CHLORIDE (PVC) SHALL MEET REQUIREMENTS OF ASTM D3034, SDR 35 FOR PIPE SIZES 8"-15" WITH INTEGRAL BELL TYPE FLEXIBLE ELECTROMETRIC JOINTS, MEETING THE REQUIREMENTS OF ASTM D3212. ASTM 1785 SCHEDULE 40 FOR PIPE DIAMETERS 4"-6". SDR 35 SHALL BE USED FOR DEPTHS 3'-15' AND SDR 26 FOR DEPTHS 16'-25' DEPENDENT ON LOCAL JURISDICTION. 15.2 INLETS AND CATCH BASINS
- 15.2.1. INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 3.6.3 AND DETAIL DRAWINGS FILE. NO. 28 OR 29 OF THE STANDARD SPECIFICATIONS, OR APPROVED EQUAL WITH A 2'X3' MAXIMUM OPENING. POLYVINYL CHLORIDE (PVC) INLETS BY NYLOPLAST ONLY WHEN SPECIFIED ON PLANS, CONFORMING TO ASTM D1781, ASTM D3212, ASTM F477, AND MANUFACTURER'S REQUIREMENTS. REFER TO PLANS FOR LID OR GRATE SPECIFICATION 15.2.3. FRAME AND GRATE/LIDS
- CURB FRAME AND GRATES SHALL BE NEENAH R-3067 WITH TYPE "R" GRATE OR EQUAL. UNLESS AS SPECIFIED IN THE PLANS SOLID LID FRAME AND GRATES SHALL BE NEENAH R-1550, HEAVY DUTY NON-ROCKING SOLID LID OR EQUAL, UNLESS AS SPECIFIED IN THE PLANS. GRATE FRAME AND GRATES SHALL BE NEENAH R-1550, HEAVY DUTY WITH A R-2578 GRATE OR EQUAL, UNLESS AS SPECIFIED IN THE PLANS.
- MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 3.5.0 AND DETAIL DRAWINGS FILE NO. 11 AND/OR 12 OF THE STANDARD SPECIFICATIONS. MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1550, HEAVY DUTY NON-ROCKING SOLID LID OR EQUAL. UNLESS AS SPECIFIED IN THE PLANS.
- 15.3. BACKFILL AND BEDDING 15.3.1. STORM SEWER SHALL BE CONSTRUCTED WITH GRAVEL BACKFILL AND CLASS "B" BEDDING IN ALL PAVED AREAS AND TO A POINT 5' BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5' FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL
- 15.3.2. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE STANDARD SPECIFICATIONS 15.4 FIFLD TILE CONNECTIONS 15.4.1. ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICE(S) FOR STORM SEWER. TILE LINES CROSSED BY THE TRENCH SHALL BE REPLACED WITH THE SAME MATERIAL

AS THE STORM SEWER. 16. WATER MAIN & WATER LATERAL SPECIFICATIONS:

15.2.4. MANHOLES:

- 16.1.1. DUCTILE IRON PIPE SHALL BE CLASS 52 CONFORMING TO AWWA C151 AND CHAPTER 8.18.0 OF THE STANDARD SPECIFICATIONS 16.1.2. POLYVINYL CHLORIDE PRESSURE PIPE (PVC) SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA C900 DR14 (CLASS 305) FOR SIZES UP TO 4" AND AWWA C900 DR18 (CLASS 235) UP TO 30".WITH INTEGRAL FLASTOMERIC BELL AND SPIGOT JOINTS 16.1.3. COPPER TYPE K TUBING SHALL CONFORM TO ASTM DESIGNATION B88 FOR WATER SERVICES LESS THAN
- 16.1.4. HIGH DENSITY POLYETHYLENE (HDPE) SHALL CONFORM TO THE REQUIREMENTS OF AWWA C901, SDR 9 MINIMUM FOR SIZES UP TO 3" AND TO AWWA C906, SDR 17 MINIMUM FOR SIZES GREATER THAN 3". 17.2. VALVES AND VALVE BOXES 17.2.1. GATE VALVES SHALL BE AWWA GATE VALVES MEETING THE REQUIREMENTS OF AWWA C500 AND
- CHAPTER 8.27.0 OF THE STANDARD SPECIFICATIONS 17.2.2. CURB STOPS AND CORPORATION VALVES SHALL BE AWWA C800 AND ASTM B62, AND CONFORM TO ANY LOCAL JURISDICTIONAL REQUIREMENTS 17.3. WATER SERVICES CONNECTIONS 17.3.1. SERVICES 2" IN DIAMETER OR LESS SHALL USE A TAP SERVICE WITH A CORPORATION STOP AND CURB
- STOP VALVE WITH SERVICE BOX PER JURISDICTIONAL REQUIREMENTS 17.3.2. SERVICES GREATER THAN 2" IN DIAMETER SHALL USE A TAPPING SLEEVE OR CUT-IN TEE CONNECTION WITH VALVE OF EQUIVALENT PIPE DIAMETER AND VALVE BOX PER JURISDICTIONAL REQUIREMENTS.
- 17.4.1. HYDRANTS SHALL CONFORM TO THE SPECIFICATIONS OF THE JURISDICTIONAL AUTHORITIES. THE DISTANCE FROM THE GROUND LINE TO THE CENTERLINE OF THE LOWEST NOZZLE AND THE LOWEST CONNECTION OF THE FIRE DEPARTMENT SHALL BE NO LESS THAN 18 " AND NO GREATER THAN 23" (SEE 17.5. JOINT RESTRAINT
- 17.5.1. WHERE SPECIFIED, DUCTILE IRON PIPE SHALL INCLUDE MECHANICAL JOINTS CONFORMING TO CHAPTER 4.4.2(b) OF THE STANDARD SPECIFICATIONS. POLYETHYLENE WRAP SHALL BE USED AROUND ALL MECHANICAL CONNECTIONS 17.6. BEDDING AND COVER MATERIAL 17.6.1. PIPE BEDDING AND COVER MATERIAL SHALL BE SAND, CRUSHED STONE CHIPS OR CRUSHED STONE SCREENINGS CONFORMING TO CHAPTER 8.43.2 OF THE STANDARD SPECIFICATIONS.
- 17.6.2. BURY DEPTH SHALL CONFIRM TO LOCAL JURISDICTION REQUIREMENTS, OR DSPS REQUIREMENTS AT A MINIMUM, WHERE THERE IS NO LOCAL JURISDICTION REQUIREMENTS. BACKFILL 17.7.1. BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH CHAPTERS 2.6.0 AND 4.17.0 OF THE STANDARD SPECIFICATIONS. GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5' BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5' FROM THE
- 17.7.2. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE STANDARD SPECIFICATIONS. 18. SEPARATION DISTANCES 18.1. WHERE PRIVATE WATER MAIN OR WATER SERVICES CROSSES A SANITARY SEWER OR SANITARY LATERAL. THE WATER PIPE WITHIN 5 FEET OF THE CROSSING SHALL BE INSTALLED WITH THE FOLLOWING: 18.1.1. WATER PIPING SHALL BE INSTALLED AT LEAST 12 INCHES ABOVE THE TOP OF SANITARY PIPING

EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL.

OR EQUAL, UNLESS SPECIFIED IN THE PLANS.

8.43.5 OF THE STANDARD SPECIFICATIONS.

- 18.1.2. WATER PIPING SHALL BE INSTALLED AT LEAST 18 INCHES BELOW THE BOTTOM OF SANITARY PIPING. 19. <u>SANITARY SEWER SPECIFICATIONS:</u> 19.1.1. POLYVINYL CHLORIDE (PVC) MEETING REQUIREMENTS OF ASTM D 3034, WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS, MEETING THE REQUIREMENTS OF ASTM D3212. ASTM 1785 SCHEDULE 40
- FOR PIPE DIAMETERS 4"-6". SDR 35 SHALL BE USED FOR DEPTHS 3'-15' AND SDR 26 FOR DEPTHS 16'-25' DEPENDENT ON LOCAL JURISDICTION CONNECTION TO DISSIMILAR PIPE MATERIALS SHALL CONFORM TO CHAPTER 3.4.2 OF THE STANDARD SPECIFICATIONS. FERNCO COUPLER MAY BE USED WITH APPROVAL OF ENGINEER.
- 19.2. MANHOLES: 19.2.1. MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 3.5.0 AND DETAIL DRAWINGS FILE NO'S. 12, 13 AND 15 OF THE STANDARD SPECIFICATIONS AND ALL SPECIAL PROVISIONS OF THE

19.2.2. MANHOLES SHALL HAVE INTERNAL CHIMNEY SEALS INSTALLED IN ALL SANITARY MANHOLES IN

- ACCORDANCE WITH CHAPTER 3.5.4(F) AND DETAIL DRAWING FILE NO. 12A OF THE STANDARD SPECIFICATIONS. 19.2.3. MANHOLES SHALL HAVE ALL EXTERNAL JOINTS WRAPPED WITH MAC WARP OR EQUAL RUBBERIZED JOINT WRAP PER ASTM C923 19.2.4. MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1550 HEAVY DUTY WITH NON-ROCKING SOLID LIDS
- BEDDING AND COVER MATERIAL 19.3.1. MATERIAL SHALL CONFORM TO THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS WITH THE FOLLOWING MODIFICATION: "COVER MATERIAL SHALL BE THE SAME AS USED FOR BEDDING AND SHALL CONFORM TO SECTION 8 43 2 (A)
- 19.3.2. MATERIAL SHALL BE PLACED IN A MINIMUM OF THREE SEPARATE LIFTS. OR AS REQUIRED TO ENSURE ADEQUATE COMPACTION OF THESE MATERIALS, WITH ONE LIFT OF BEDDING MATERIAL ENDING AT OR BEDDING MATERIAL UNDER THE HAUNCH OF THE PIPE TO PROVIDE ADEQUATE SIDE SUPPORT."
- 19.4.1. MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE CHAPTER 2.6.0 OF THE STANDARD SPECIFICATIONS. GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5' BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5' FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL

19.4.2. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION

EROSION CONTROL NOTES

- CONTRACTOR IS RESPONSIBLE TO NOTIFY ENGINEER OF RECORD AND OFFICIALS OF ANY CHANGES TO THE EROSION CONTROL AND STORMWATER MANAGEMENT PLANS. 2. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN
- CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL EROSION CONTROL MEASURES WHICH MAY BE NECESSARY TO MEET UNFORESEEN FIELD INSTALL PERIMETER EROSION CONTROL MEASURES (SUCH AS CONSTRUCTION ENTRANCES, SILT FENCE, AND EXISTING INLET PROTECTION) PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE COVER.
- MODIFICATIONS TO THE APPROVED EROSION CONTROL DESIGN IN ORDER TO MEET UNFORESEEN FIELD CONDITIONS IS ALLOWED IF MODIFICATIONS CONFORM TO WDNR TECHNICAL STANDARDS AND JURISDICTIONAL REQUIREMENTS. ALL DESIGN MODIFICATIONS MUST BE APPROVED BY THE JURISDICTIONAL AUTHORITIES PRIOR TO DEVIATION OF THE APPROVED PLAN.

ACCORDANCE WITH WDNR TECHNICAL STANDARDS AND JURISDICTIONAL REQUIREMENTS. IT SHALL BE THE

- . ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED BY JURISDICTIONS HAVING AUTORITY AND/OR ENGINEER OF RECORD SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.
- INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
- ALL EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INSPECTED WITHIN 24 HOURS OF ALL RAIN EVENTS EXCEEDING 0.5". ANY DAMAGED EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY
- CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL LOCATIONS OF VEHICLE INGRESS/EGRESS POINTS. ADDITIONAL LOCATIONS OTHER THAN AS SHOWN ON THE PLANS MUST BE PRE-APPROVED BY THE JURISDICTION. CONSTRUCTION ENTRANCES SHALL BE 50' LONG AND NO LESS THAN 12" THICK BY USE OF 3" SELECTED CRUSHED. CONSTRUCTION ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR IN A CONDITION WHICH WILL PREVENT THE TRACKING OF MUD OR DRY SEDIMENTOFF-SITE AFTER EACH WORKING DAY OR MORE FREQUENTLY AS REQUIRED
- 8. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEPT AND/OR SCRAPED TO REMOVE ACCUMULATED SOIL, DIRT, AND/OR DUST AFTER THE END OF EACH WORK DAY AND AS REQUESTED BY THE JURISDICTIONAL AUTHORITIES.
- INLET PROTECTION SHALL BE IMMEDIATELY FITTED AT THE INLETS OF ALL INSTALLED STORM SEWER. STONE DITCH CHECKS FENCE SHALL BE IMMEDIATELY FITTED AT ALL INSTALLED CULVERT INLETS TO PREVENT SEDIMENT DEPOSITION WITHIN STORM SEWER SYSTEMS.
- FOR MORE THAN SEVEN (7) DAYS. TEMPORARY SEEDING AND STABILIZATION IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES IS REQUIRED. IF DISTURBANCE OCCURS BETWEEN NOVEMBER 15TH AND MAY 15TH, THE MULCHING SHALL BE PERFORMED BY HYDRO-MULCHING WITH A "TACKIFIER."

0. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES. IF STOCKPILE REMAINS UNDISTURBED

- 11. DITCH CHECKS AND APPLICABLE EROSION NETTING/MATTING SHALL BE INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING EFFORTS WITHIN DITCHES/SWALES TO PREVENT SOIL TRANSPORTATION.
- PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION. DISCHARGE TRENCH WATER INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH THE WDNR DEWATERING TECHNICAL STANDARD NO. 1061 PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM, OR DRAINAGE DITCH.

12. EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.):

13. ALL SLOPES 4:1 OR GREATER SHALL BE STABILIZED WITH CLASS I. TYPE B EROSION MATTING PER STATE HIGHWAY SPECIFICATIONS OR APPLICATION OF A WISDOT APPROVED POLYMER SOIL STABILIZATION TREATMENT OR A COMBINATION THEREOF, AS REQUIRED WITHIN SEVEN (7) DAYS OF REACHING FINAL GRADE. DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING PER STATE HIGHWAY SPECIFICATIONS. EROSION MATTING AND/OR NETTING USED ONSITE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND WDNR TECHNICAL STANDARDS 1052 AND 1053.

15. A CONCRETE WASHOUT AREA SHALL BE DESIGNATED ONSITE. CONTRACTOR SHALL USE PRE-MANUFACTURED

- 14. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO CONTROL DUST ARISING FROM CONSTRUCTION OPERATIONS. REFER TO WDNR TECHNICAL STANDARD 1068.
- ABOVE GROUND WASHOUT TOTE OR EQUIVALENT CONTAINMENT AREA FOR ALL CONCRETE WASTE. CONCRETE WASTE SHALL ONLY BE CONTAINED IN ABOVE GROUND PRE-FABRICATED CONTAINERS OR CONSTRUCTED CONTAINMENT AREA AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FREQUENTLY DISPOSE OF OFF-SITE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS TO MAINTAIN THE SYSTEMS
- 6. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, NO MORE THAN SEVEN (7) DAYS SHALL PASS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS CEASED UNLESS: THE INITIATION STABILIZATION MEASURES BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS CEASED OR IS PRECLUDED BY SNOW COVER. IN THAT EVENT. STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN FOURTEEN (14) DAYS FROM
- WHEN ACTIVITY CEASED (I.E., THE TOTAL TIME PERIOD THAT THE CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN FOURTEEN (14) DAY). IN THAT EVENT, STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH (7) DAY AFTER CONSTRUCTION STABILIZATION MEASURES SHALL BE DETERMINED BASED ONSITE CONDITIONS WHEN CONSTRUCTION
- ACTIVITY HAS CEASED INCLUDING, BUT NOT LIMITED TO, WEATHER CONDITIONS AND LENGTH OF TIME THE MEASURE MUST BE EFFECTIVE THE FOLLOWING ARE ACCEPTABLE STABILIZATION MEASURES: PERMANENT SEEDING: IN ACCORDANCE WITH APPROVED CONSTRUCTION SPECIFICATION TEMPORARY SEEDING; MAY CONSIST OF SPRING OATS(100LBS.ACRE) IN SPRING/SUMMER OR WHEAT
- OR CEREAL RYE (150LBS./ACRE) IN FAL HYDRO-MULCHING WITH A TACKIFIER 16 3 4 WOVEN AND NON-WOVEN GEOTEXTILES 16.3.5. **EROSION MATTING**
- OTHER MEASURES AS APPROVED BY THE ENGINEER 16.3.7.
- 17. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY AT THE SITE HAS BEEN COMPLETED AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A CONTIGUOUS DENSITY OF AT LEAST 70% FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT
- STRUCTURES OR THAT EMPLOY EQUIVALENT PERMANENT STABILIZATION MEASURES. 18. CONTRACTOR/OWNER SHALL FILE A NOTICE OF TERMINATION UPON COMPLETION OF THE PROJECT IN ACCORDANCE WITH WDNR REQUIREMENTS AND/OR REQUEST FOR PERMIT CLOSURE IN ACCORDANCE WITH

GRADING AND EARTHWORK NOTES

JURISDICTION PERMIT AND SPECIFICATION REQUIREMENTS.

PRIOR AUTHORIZATION FROM ENGINEER AND OWNER.

- 1. ALL SITE PREP AND EARTHWORK SHALL CONFORM TO THE GEOTECHNICAL REPORT PREPARED BY CGC, INC, TITLED GEOGRAPHICAL EXPLORATION REPORT, ISSUE DATE 1/9/2024. ALL REFERENCES TO THE "GEOTECHNICAL REPORT" SHALL BE UNDERSTOOD AS THE AFOREMENTIONED REPORT. 2. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL
- AREAS DRAIN PROPERLY, AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION. 3. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPUTATIONS OF ALL GRADING QUANTITIES. WHILE JSD PROFESSIONAL SERVICES, INC. ATTEMPTS TO PROVIDE A COST-EFFECTIVE APPROACH TO BALANCE EARTHWORK.

GRADING DESIGN IS BASED ON MANY FACTORS, INCLUDING SAFETY, AESTHETICS, AND COMMON ENGINEERING

- STANDARDS OF CARE. THEREFORE, NO GUARANTEE CAN BE MADE FOR A BALANCED SITE. 4. ALL EXCAVATIONS AND FILLS SHALL BE TO THE ELEVATIONS SHOWN ON THE DRAWINGS AND SHALL INCLUDE SUFFICIENT DEPTHS FOR PLACEMENT OF FILL MATERIALS, BASE COURSES, PAVEMENTS, TOPSOIL, AND OTHER
- CONTRACTOR SHALL NOT EXCAVATE BELOW ELEVATIONS OR DESIGN GRADES SHOWN ON THE DRAWINGS WITHOUT
- 6. PRIOR TO ALL EXCAVATION OR FILLING OPERATIONS, CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TOPSOIL FROM PROPOSED LOCATIONS OF BUILDINGS, STRUCTURES, ROADS, WALKS, OTHER PAVED AREAS, STORM WATER FACILITIES OR WITHIN THE GRADING EXTENTS WHERE EXISTING GRADES ARE ALTERED BY MORE THAN 3" REMOVED OR STRIPPED TOPSOIL SHALL BE SEGREGATED AND STOCKPILED ON-SITE IN AN APPROPRIATE LOCATION TO BE RESPREAD AS SPECIFIED ON THE DRAWINGS.
- CONTRACTOR SHALL NOT PLACE ANY FILL OR OTHER MATERIALS ON AREAS THAT HAVE NOT HAD TOPSOIL REMOVED, ARE FROZEN, SATURATED, OR YIELDING. CONTRACTOR SHALL NOTIFY OWNER OR ENGINEER IF SUBGRADE CONDITIONS ARE NOT SUITABLE FOR SUPPORTING FILL AND A FURTHER DETERMINATION SHALL BE PROVIDED BY OWNER OR ENGINEER.
- 8. CONTRACTOR SHALL PLACE THE FILLS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT INCLUDING LIFT DEPTHS AND COMPACTION EFFORTS.
- 9. PRIOR TO PLACEMENT OF BASE COURSE MATERIALS IN PAVEMENT OR HARD SURFACE AREAS OR CONDUCTING EXCAVATION BELOW SUBGRADE (EBS) ELEVATIONS. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER TO CONDUCT AN INSPECTION OF THE PREPARED SUBGRADE AND PROOF-ROLLING. PROOF-ROLLING SHALL BE CONDUCTED BY THE CONTRACTOR IN WITNESS OF THE OWNER AND ENGINEER. OWNER AND ENGINEER SHALL DETERMINE IF AREAS OF EBS ARE REQUIRED. EBS SHALL BE COMPLETED BY THE CONTRACTOR PER THE
- DIRECTION OF THE OWNER AND ENGINEER. 10.1. FILL AND BACKFILL MATERIALS 10.1.1. MATERIAL SHALL BE SATISFACTORY MATERIALS EXCAVATED FROM THE SITE, PER THE GEOTECHNICAL
- REQUIRED. REFER TO IMPORTED FILL MATERIAL SPECIFICATIONS. 10.2. IMPORTED FILL MATERIA 10.2.1. MATERIAL SHALL BE PROVIDED BY THE CONTRACTOR FROM OFFSITE BORROW AREAS WHEN SUFFICIENT, SATISFACTORY MATERIALS ARE NOT AVAILABLE ONSITE IMPORTED FILL MATERIAL SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND CONSIST OF CLEAN MATERIAL OF INORGANIC SOILS OR A MIXTURE OF INORGANIC SOIL AND ROCK. STONE. OR GRAVEL. THE MATERIAL SHALL BE FREE OF

REPORT. IF SATISFACTORY MATERIALS ARE NOT AVAILABLE ONSITE OR ADDITIONAL MATERIALS ARE

TOPSOIL, VEGETATION, PAVEMENT RUBBLE, DEBRIS, OR OTHER DELETERIOUS MATERIALS. THE MAXIMUM

- NOMINAL DIMENSION OF MATERIALS CONSISTING OF ROCK, STONE, OR GRAVEL SHALL BE 6". 10.3. GRANULAR FILL MATERIAL SHALL CONSIST OF CLEAN MATERIAL MEETING THE REQUIREMENTS OF "GRADE 1" OR "GRADE 2" GRANULAR BACKFILL AS DEFINED IN SECTION 209.2.1 OF THE STATE HIGHWAY SPECIFICATIONS.
- 10.4. BUILDING STRUCTURAL FILL 10.4.1. CLEAN MATERIAL MEETING THE REQUIREMENTS OF TYPE A "STRUCTURE BACKFILL" AS DEFINED IN
- SECTIONS 210.2.1 AND 210.2.2. OF THE STATE HIGHWAY SPECIFICATIONS AND GEOTECHNICAL REPORT.
- 1. CONTRACTOR SHALL PROVIDE NOTICE TO THE JURISDICTIONAL AUTHORITIES IN ADVANCE OF ANY SOIL DISTURBING ACTIVITIES, IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS. 2. ALL DISTURBED AREAS SHALL BE SODDED AND/OR SEEDED AND MULCHED IMMEDIATELY FOLLOWING GRADING

SEEDING AND RESTORATION NOTES

NOTES FOR FURTHER SPECIFICATIONS

ACTIVITIES. SOD/SEED MIX TO BE IN ACCORDANCE WITH LANDSCAPE PLAN.

CONTRACTOR SHALL WATER ALL NEWLY SODDED/SEEDED AREAS DURING THE SUMMER MONTHS WHENEVER THERE IS A 7-DAY LAPSE WITH NO SIGNIFICANT RAINFALL 4. ALL SLOPES 20% OR GREATER SHALL BE TEMPORARILY SEEDED. MULCHED, OR OTHER MEANS OF COVER PLACED

ON THEM WITHIN 2 WEEKS OF DISTURBANCE, REFER TO STABILIZATION PRACTICES IN THE EROSION CONTROL

5. CONTRACTOR SHALL CHISEL-PLOW OR DEEP TILL WITH DOUBLE TINES ALL STORMWATER MANAGEMENT FACILITIES JUST PRIOR TO SODDING AND/OR SEEDING AND MULCHING TO PROMOTE INFILTRATION.

6.2. NO-MOW AREA SEED MIXTURE: NO-MOW LAWN SEED MIX, AS PROVIDED BY PRAIRIE NURSERY, P.O. BOX 306,

WESTFIELD, WISCONSIN, 53964, TEL. 608-296-3679 (OR APPROVED EQUIVALENT). SEEDING RATE SHALL BE PER

MANUFACTURE'S RECOMMENDATIONS.

TURF LAWN SEED MIXTURE: REFER TO LANDSCAPING PLAN FOR SEED MIXTURE.

SCARIFY SUBSOILS TO A DEPTH OF 3" WHERE TOPSOIL SHALL BE PLACED TO REDUCE COMPACTION. 7.2. PLACE TOPSOIL AT A MINIMUM DEPTH OF 6" UNLESS OTHERWISE NOTED ON THE PLANS. 7.3. APPLY FERTILIZER IN ACCORDANCE WITH SEED MIX MANUFACTURES RECOMMENDATIONS 7.4. SOW SEED AT RATES SPECIFIED USING METHOD "A" OR METHOD "B" AS SPECIFIED IN SECTION 630 OF THE

8. <u>SEED MULCHING/EROSION MATTING SPECIFICATIONS:</u>
8.1. ALL SEEDED AREAS WITH SLOPES FLATTER THAN 4:1, UNLESS OTHERWISE NOTED ON THE PLANS, SHALL BE

STABILIZED WITH WEED-FREE WHEAT STRAW MULCH WITH METHODS AND RATES IN ACCORDANCE WITH SECTION 627 OF THE STATE HIGHWAY SPECIFICATIONS. 8.2. ALL SEEDED AREAS WITH SLOPES EQUAL TO OR STEEPER THAN 4:1. UNLESS OTHERWISE NOTED ON THE PLANS. SHALL BE STABILIZED WITH EROSION MATTING MATERIALS AS SPECIFIED ON THE PLANS. EROSION MATTING SHALL BE IN ACCORDANCE WITH SECTION 628 OF THE STATE HIGHWAY SPECIFICATIONS.

LEGEND PROPERTY LINE ----- EASEMENT LINE BUILDING OUTLINE ---- BUILDING OVERHANG — BUILDING SETBACK LINE — — PAVEMENT SETBACK LINE EDGE OF PAVEMENT STANDARD CURB AND GUTTER REJECT CURB AND GUTTER MOUNTABLE CURB AND GUTTER 8" CONCRETE RIBBON CURB ASPHALT PAVEMENT HEAVY DUTY ASPHALT PAVEMENT CONCRETE PAVEMENT HEAVY DUTY CONCRETE PAVEMENT 959——— PROPOSED 1 FOOT CONTOUR -----960-------PROPOSED 5 FOOT CONTOUR — — ·959· — EXISTING 1 FOOT CONTOUR

— — GRADE BREAK STORMWATER MANAGEMENT AREA RETAINING WALL BOULDER WALL LIGHT POLE (REFER TO PHOTOMETRIC PLAN)

ADA PARKING SIGN

DRAINAGE DIRECTION

FLAG POLE BOLLARD BOLLARD WITH ADA PARKING SIGN BIKE RACK TREE REMOVAL

SHRUB REMOVAL

SANITARY SEWER WATERMAIN 8'x4'x4" INSULATION (PLAN VIEW) 8'x4'x4" INSULATION (PROFILE VIEW)

SAWCUT EXISTING PAVEMENT

—sf—sf—sf—sf— SILT FENCE

CONSTRUCTION ENTRANCE EROSION MATTING TURF REINFORCEMENT MATTING

EC - EDGE OF CONCRETE FG: XXX.XX BOC - BACK OF CURB MATCH - MATCH EXISTING GRADE HP - HIGH POINT SW - SIDEWALK

DITCH CHECK

DEMOLITION - REMOVAL OF ONSITE CURB

SHRUB REMOVAL

PROTECT EXISTING TREI

EP - EDGE OF PAVEMENT

FG - FINISH GRADE

INLET PROTECTION PROPERTY LINE - · - · · - · - EASEMENT LINE

DEMOLITION - PAVEMENT MILL AND OVERLAY DEMOLITION - REMOVAL OF RETAINING WALL |------ DEMOLITION - REMOVAL OF ASPHALT SURFACES

DEMOLITION - REMOVAL OF CONCRETE SURFACES DEMOLITION - REMOVAL OF BUILDINGS/STRUCTURES DEMOLITION - REMOVAL OF UTILITIES DEMOLITION — REMOVAL OF LANDSCAPE BEDDING TREE REMOVAL

SURFACES AND BASE COURSE

CREATE THE VISION TELL THE STOR' isdinc.com MADISON REGIONAL OFFICE 507 WEST VERONA AVENUE, SUITE 500 VERONA WISCONSIN 53593 P. 608.848.5060 UNIVERSITY 3000, LLC

1741 COMMERCIAL AVENUE MADISON, WI 53704

CLIENT ADDRESS:

UNIVERSITY 3000

MIXED-USE

PROJECT LOCATION: 3535 UNIVERSITY AVENUE MADISON, WI 53705

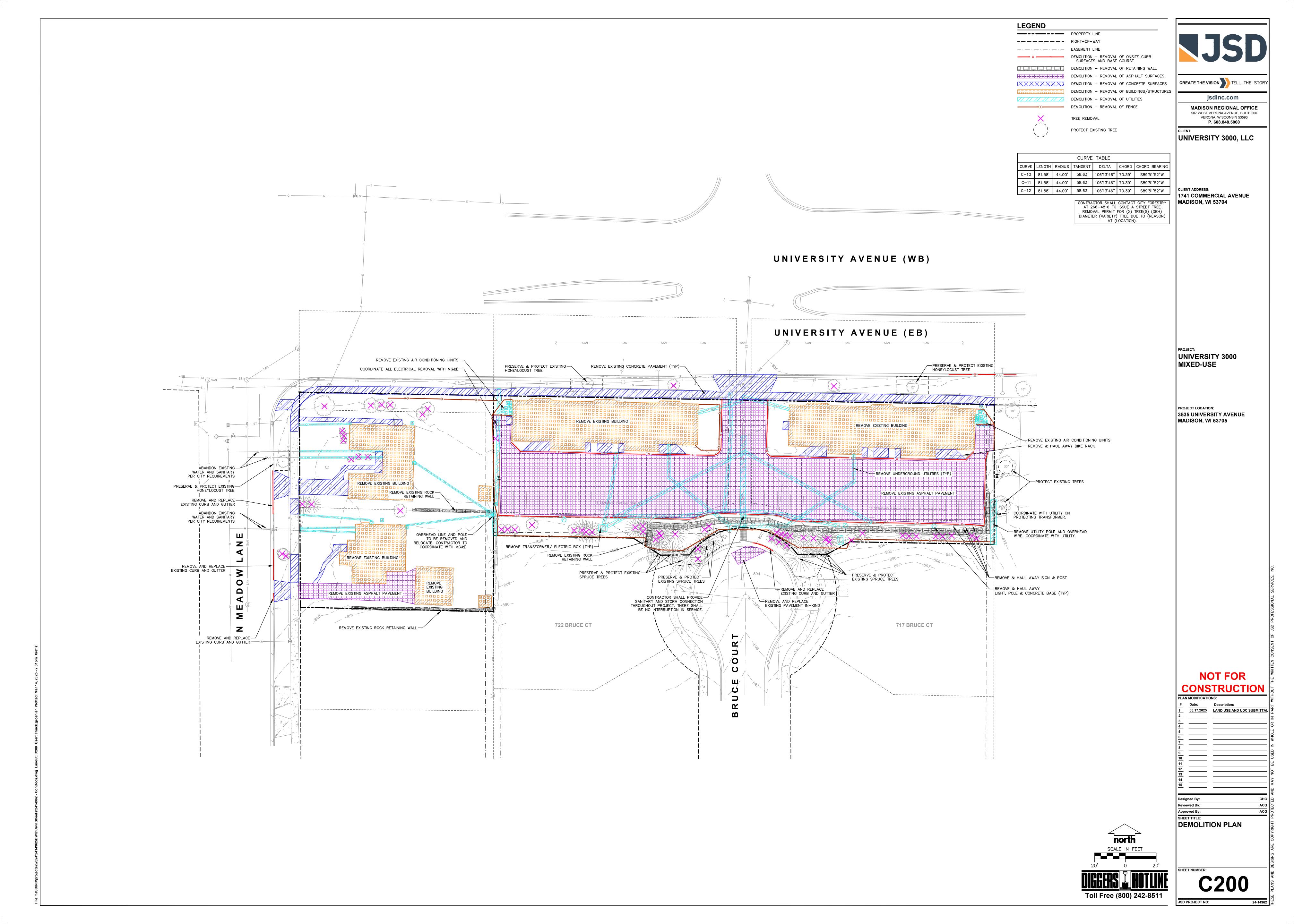
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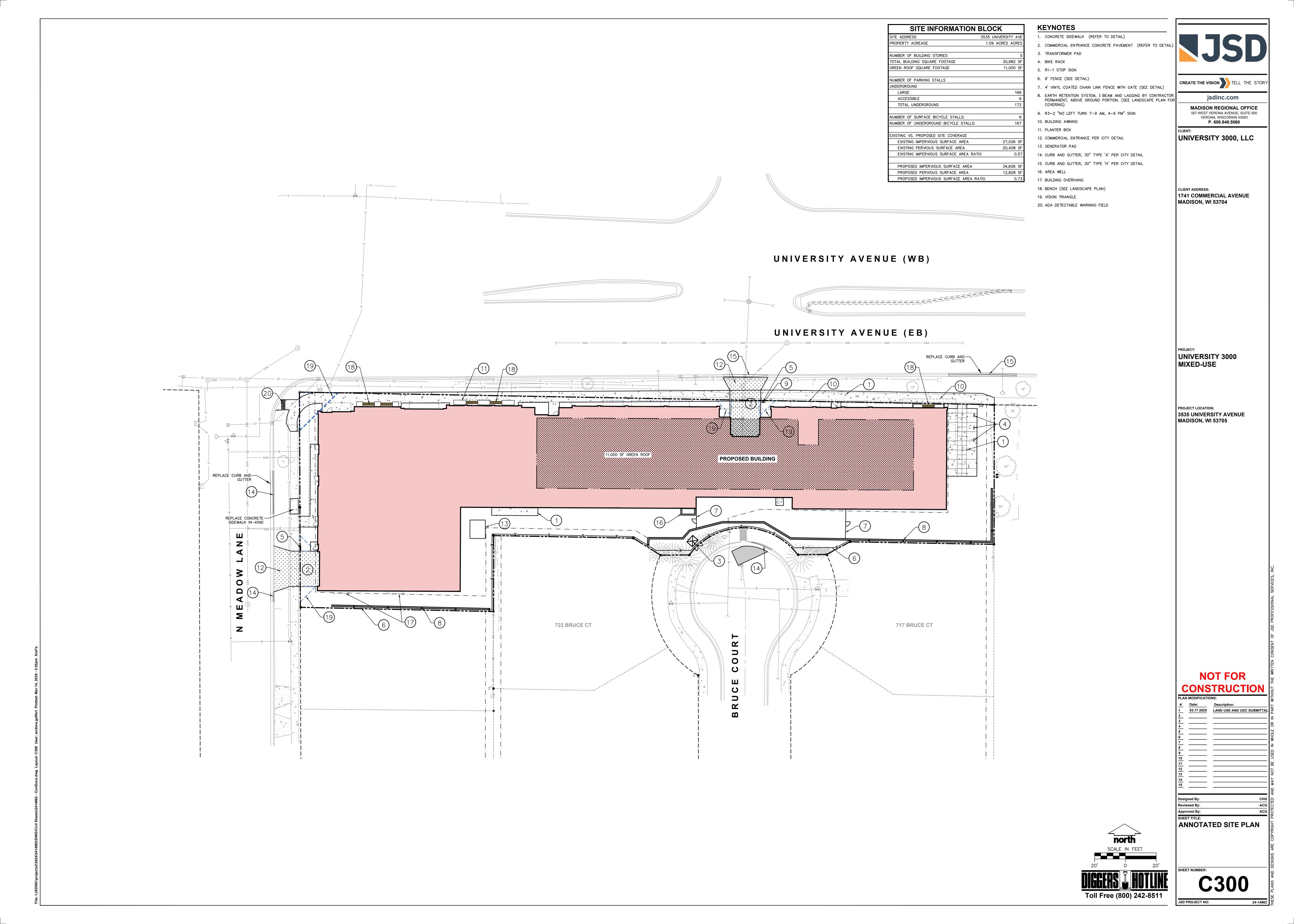
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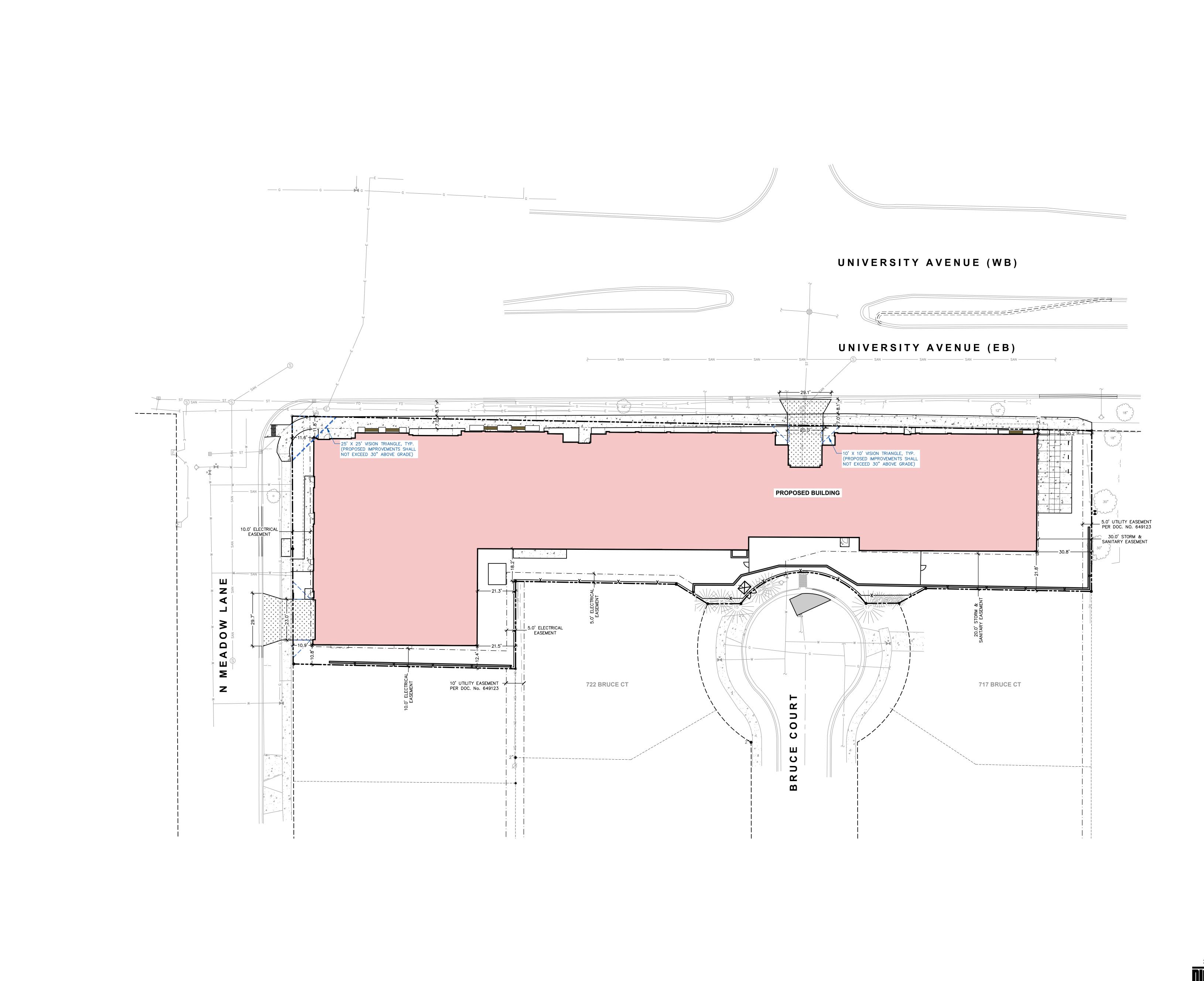
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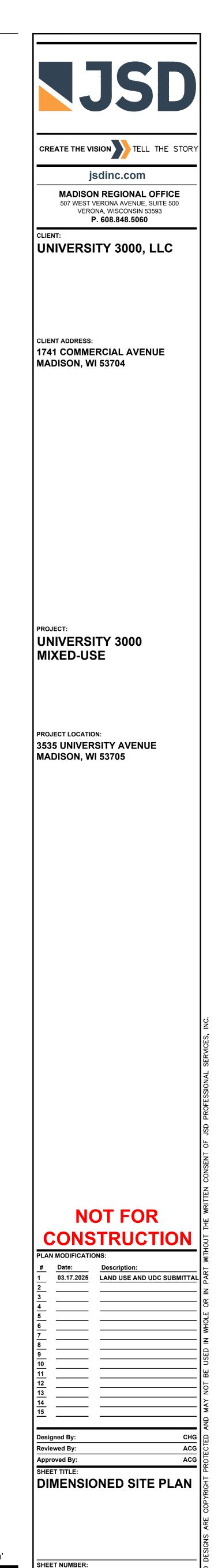
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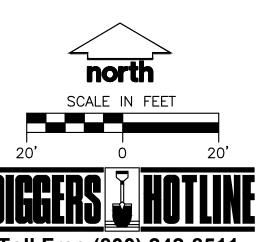
NOTES & LEGEND



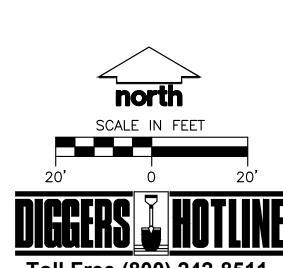








NOTES 1. FLOOD PLAIN ELEVATION IS 887.6 AND MINIMUM OPENING ELEVATION IS 888.10 UNIVERSITY AVENUE (WB) UNIVERSITY AVENUE (EB) -FRAMED INLET PROTECTION (TYP) SILT FENCE (TYP)— -----SW: 885.90 SW: 885.90 CONSTRUCTION ENTRANCE PROPOSED BUILDING FFE = 888.10 FG: 887.75 GRADE BREAK, TYP. FG: 887.72 _ : _ . FG: 887.29__ . _ . _ . **722 BRUCE CT** 717 BRUCE CT

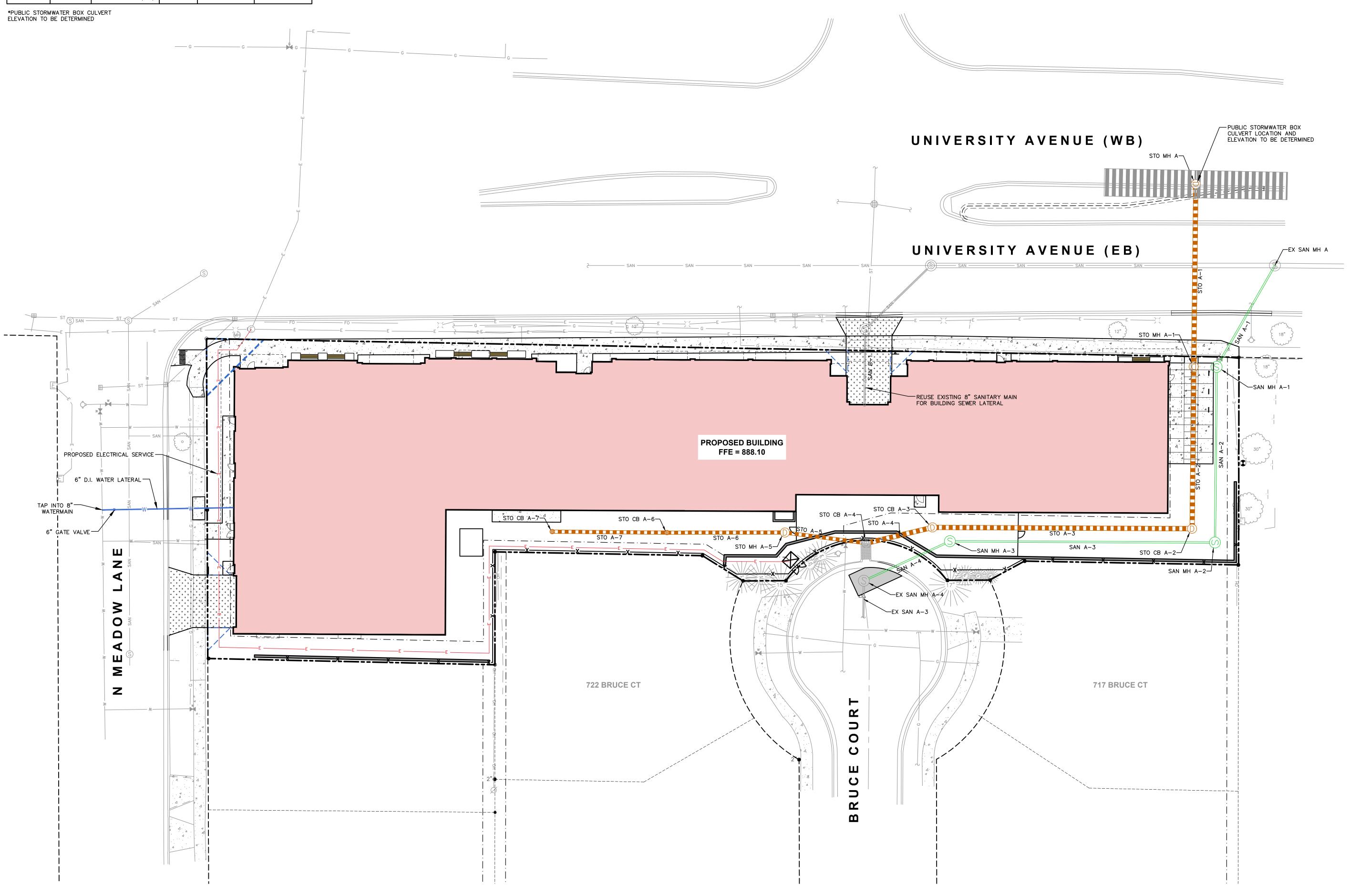


| | PRO | OPOSED STORM SEV | VER STRUC | TURE TABLE | | |
|------------|--------------|---|------------|-----------------|------------------------|---|
| LABEL | RIM EL. (FT) | INVERT EL. (FT) | DEPTH (FT) | STRUCTURE DESC. | FRAME & GRATE | |
| STO CB A-2 | 887.30 | N INV: 880.64 (24") W INV: 880.74 (24") | 6.7 | 60 IN MH (FLAT) | R-2050 TYPE D | 9 |
| STO CB A-3 | 887.30 | E INV: 881.53 (24") W INV: 881.63 (24") | 5.8 | 60 IN MH (FLAT) | R-2050 TYPE D | S |
| STO CB A-4 | 895.90 | E INV: 881.84 (24") W INV: 882.34 (18") | 14.1 | 56"X42" MH | EXISTING CURB INLET | S |
| STO CB A-6 | 887.03 | E INV: 883.05 (18") W INV: 883.15 (18") | 4.0 | 36 IN MH (FLAT) | R-2050 TYPE D | 9 |
| STO CB A-7 | 887.10 | E INV: 883.50 (18") | 3.6 | 36 IN MH (FLAT) | R-2050 TYPE D | |
| STO MH A | 886.44 | *E INV: 872.72 (144") S INV: 879.52 (24") *W INV: 872.72 (144") | 13.7 | 48 IN MH (FLAT) | R-1550 SOLID LID | |
| STO MH A-1 | 886.55 | N INV: 880.04 (24") S INV: 880.14 (24") | 6.5 | 48 IN MH (FLAT) | R-1550 SOLID LID | |
| STO MH A-5 | 887.59 | E INV: 882.59 (18") W INV: 882.69 (18") | 5.0 | 48 IN MH (FLAT) | R-1550 SOLID LID | |

| | PROPOSED STORM SEWER PIPE TABLE | | | | | | | | |
|-----------|---------------------------------|---------|------------|------------|--------|-----------------|--------------------|-----------|----------------|
| • | | LABEL | FROM | ТО | LENGTH | INVERT EL. (FT) | DISCHARGE EL. (FT) | SLOPE | SIZE & MATERIA |
| | | STO A-1 | STO MH A-1 | STO MH A | 80' | 880.04 | 879.52 | 0.65% | 24 IN RCP |
| | | STO A-2 | STO CB A-2 | STO MH A-1 | 71' | 880.64 | 880.14 | 0.70% | 24 IN RCP |
| | | STO A-3 | STO CB A-3 | STO CB A-2 | 113' | 881.53 | 880.74 | 0.70% | 24 IN HDPE (HP |
| \exists | | STO A-4 | STO CB A-4 | STO CB A-3 | 30' | 881.84 | 881.63 | 0.70% | 24 IN RCP |
| | | STO A-5 | STO MH A-5 | STO CB A-4 | 36' | 882.59 | 882.34 | 0.70% | 18 IN RCP |
| | | STO A-6 | STO CB A-6 | STO MH A-5 | 52' | 883.05 | 882.69 | 0.70% | 18 IN HDPE |
| | | STO A-7 | STO CB A-7 | STO CB A-6 | 50' | 883.50 | 883.15 | 0.70% | 18 IN HDPE |
|) | | | | | | | | · · · · · | |

| | PROPOSED SANITARY SEWER STRUCTURE TABLE | | | | | | | |
|--------|---|---------------|-------------------------------|---|------------|-----------------|--------------|--|
| RIAL | LABEL | | LABEL RIM EL. (FT) INVERT EL. | | DEPTH (FT) | STRUCTURE DESC. | FRAME & GRA | |
| > | | EX SAN MH A | 890.54 | E INV: 870.66 (24") SW INV: 872.57 (8") W INV: 870.67 (24") | 19.9 | 48 IN MH | R-1550 SOLID | |
| (HP) | | EX SAN MH A-4 | 892.41 | NE INV: 884.50 (8") S INV: 884.60 (8") | 7.4 | 48 IN MH | R-1550 SOLID | |
| , E | | SAN MH A-1 | 886.71 | NE INV: 873.59 (8") S INV: 874.09 (8") | 13.1 | 48 IN MH | R-1550 SOLID | |
| E | | SAN MH A-2 | 887.90 | N INV: 875.62 (8") W INV: 877.45 (8") | 12.4 | 48 IN MH | R-1550 SOLID | |
| | | SAN MH A-3 | 887.70 | E INV: 879.77 (8") SW INV: 881.67 (8") | 8.1 | 48 IN MH | R-1550 SOLID | |

| | PROPOSED SANITARY SEWER PIPE TABLE | | | | | | | |
|---------|------------------------------------|---------------|--------|-----------------|--------------------|-------|----------------|--|
| LABEL | FROM | то | LENGTH | INVERT EL. (FT) | DISCHARGE EL. (FT) | SLOPE | SIZE & MATERIA | |
| SAN A-1 | SAN MH A-1 | EX SAN MH A | 51' | 873.59 | 872.57 | 2.00% | 8 IN PVC | |
| SAN A-2 | SAN MH A-2 | SAN MH A-1 | 77' | 875.62 | 874.09 | 2.00% | 8 IN PVC | |
| SAN A-3 | SAN MH A-3 | SAN MH A-2 | 116' | 879.77 | 877.45 | 2.00% | 8 IN PVC | |
| SAN A-4 | EX SAN MH A-4 | SAN MH A-3 | 41' | 884.50 | 881.67 | 6.85% | 8 IN PVC | |
| SAN B-1 | BUILDING | EX SAN MH B-2 | 34' | 878.62 | 878.28 | 1.00% | 8 IN PVC | |
| | | | | | | | | |







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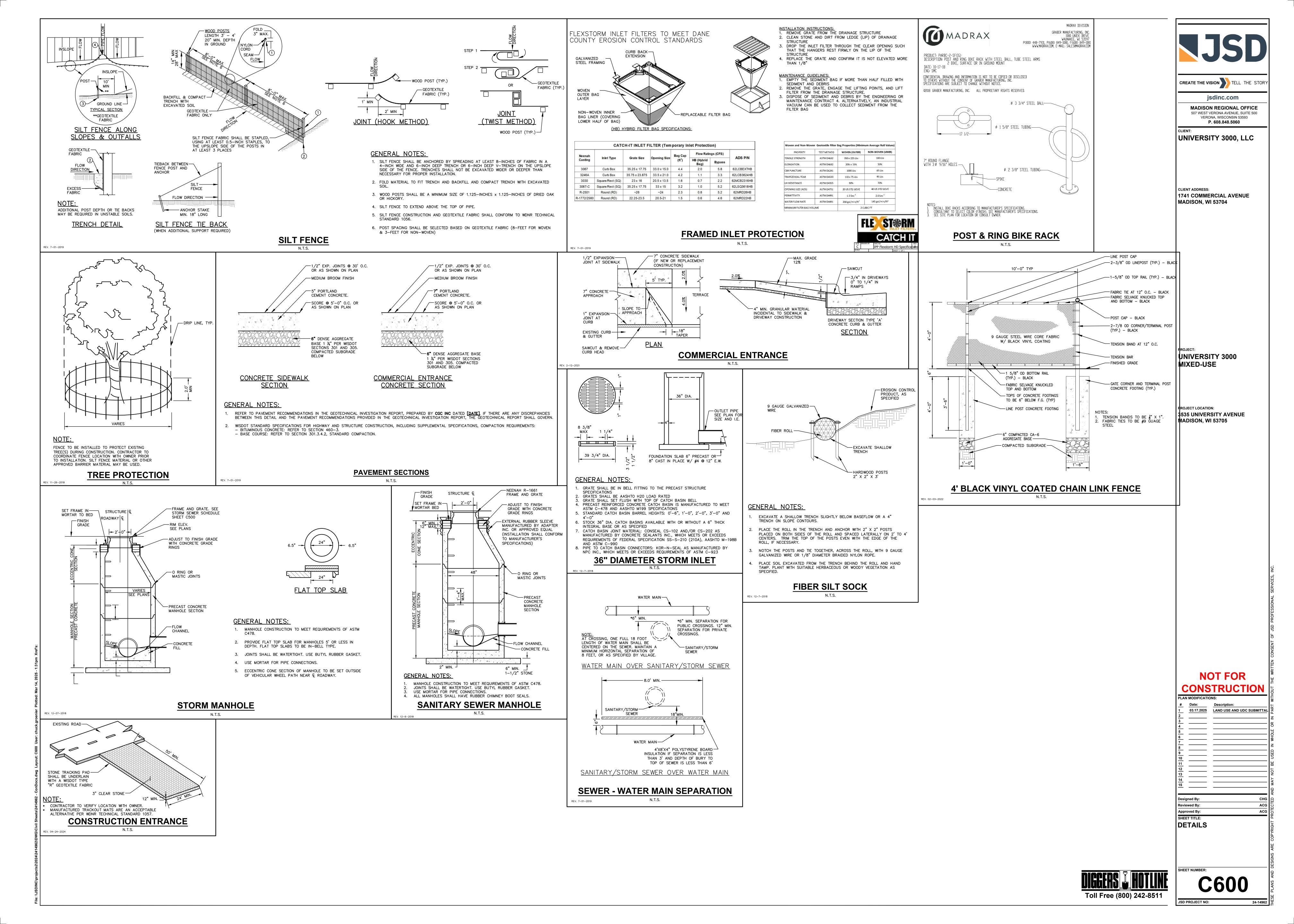
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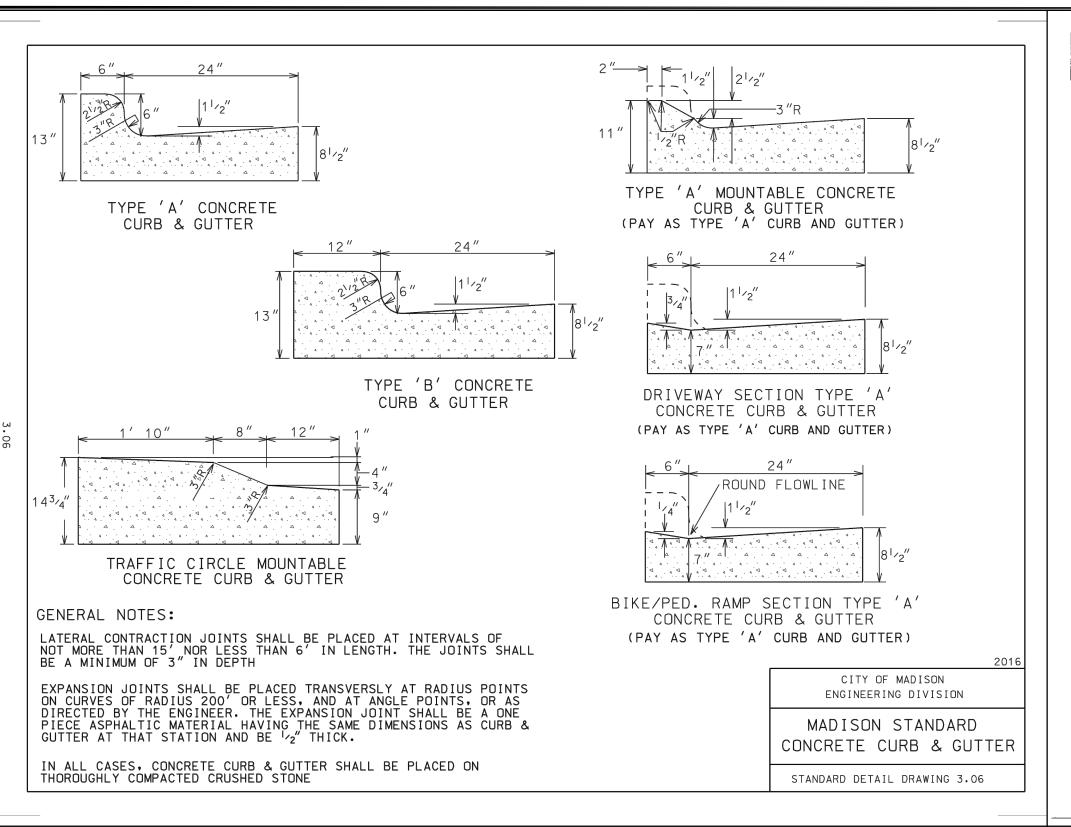
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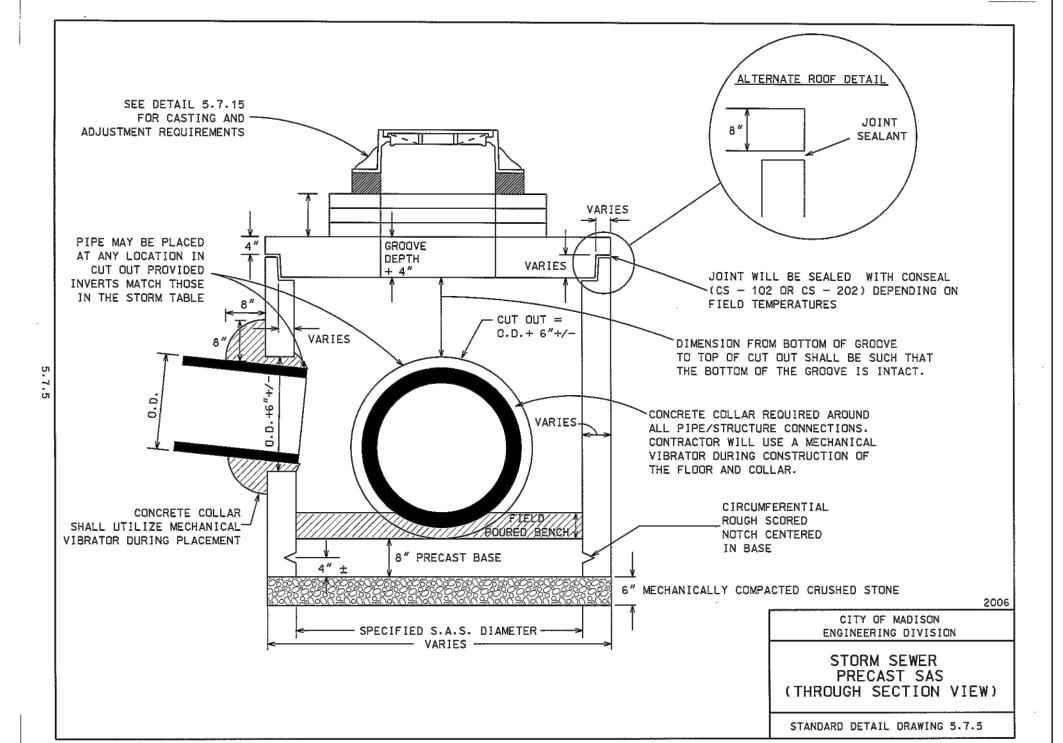
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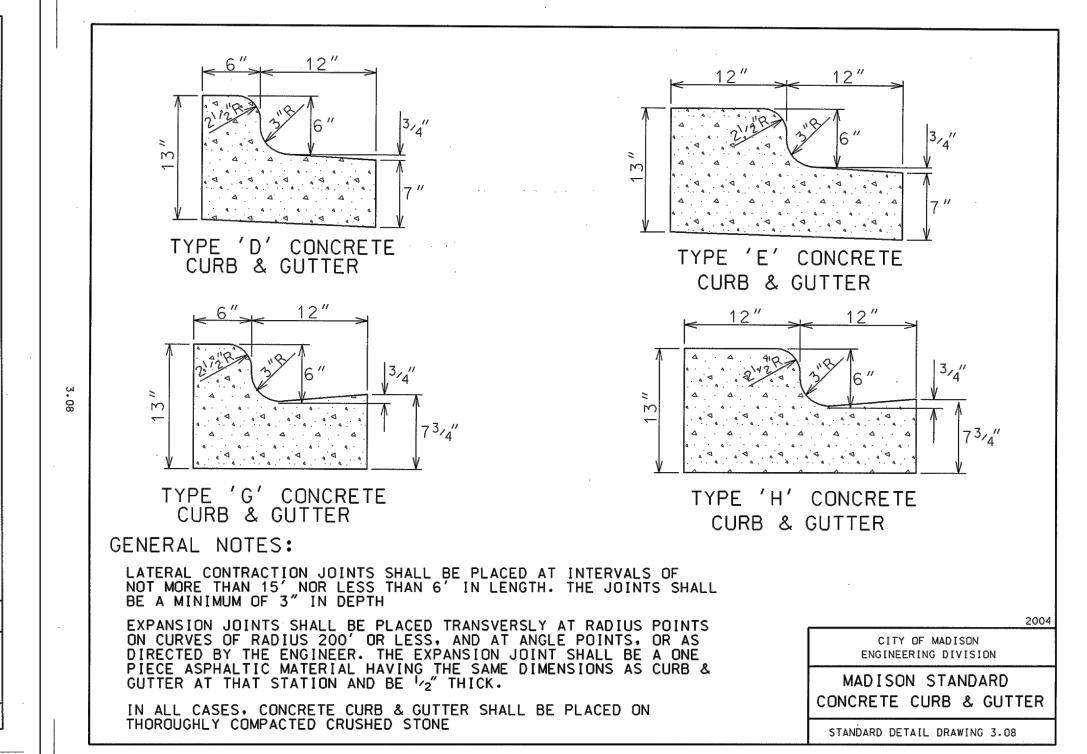
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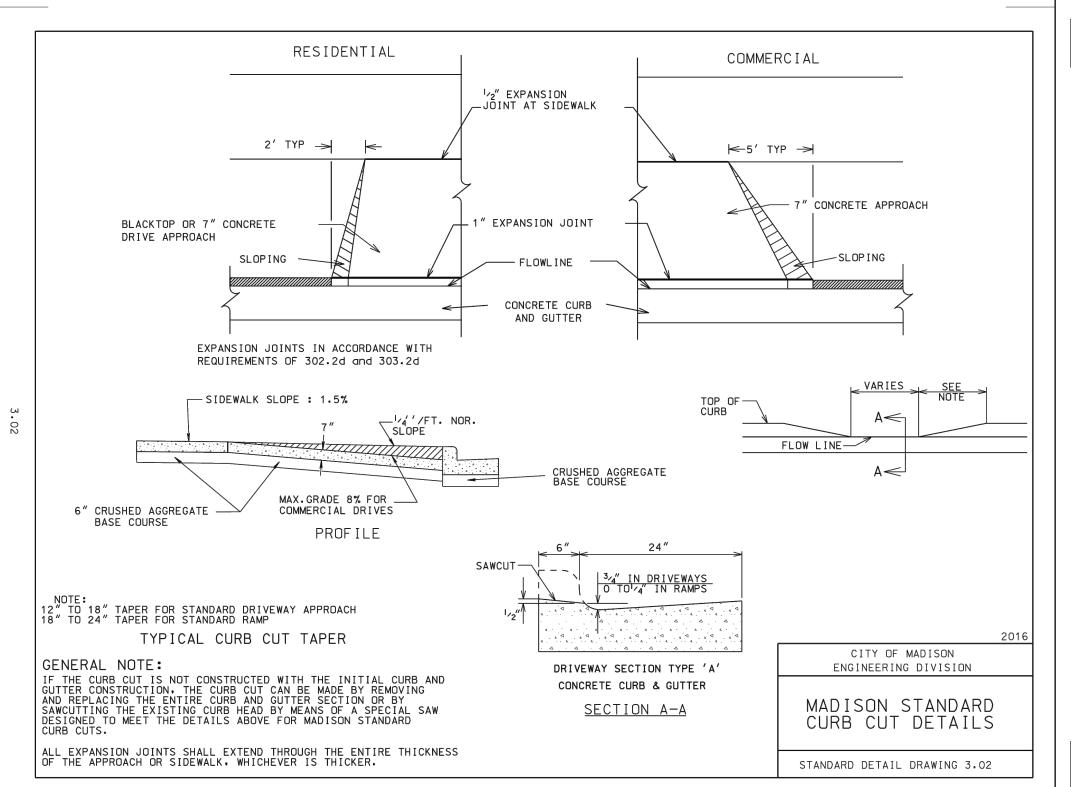
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UTILITY PLAN

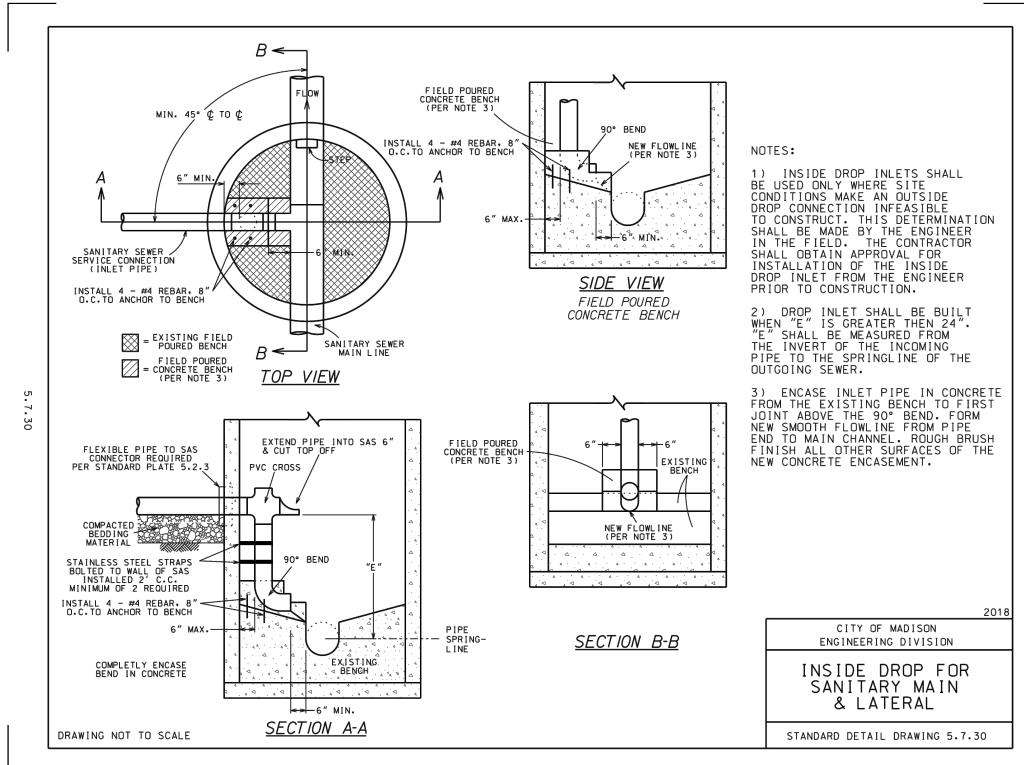


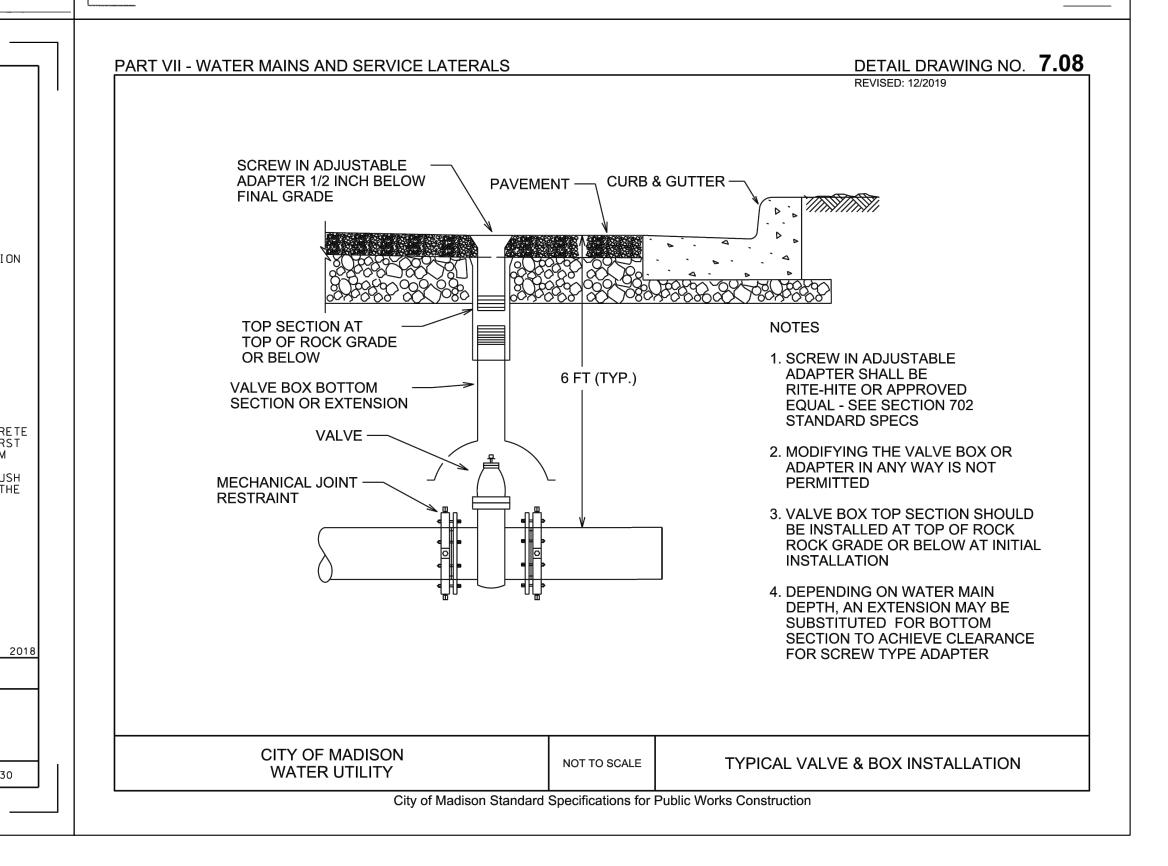












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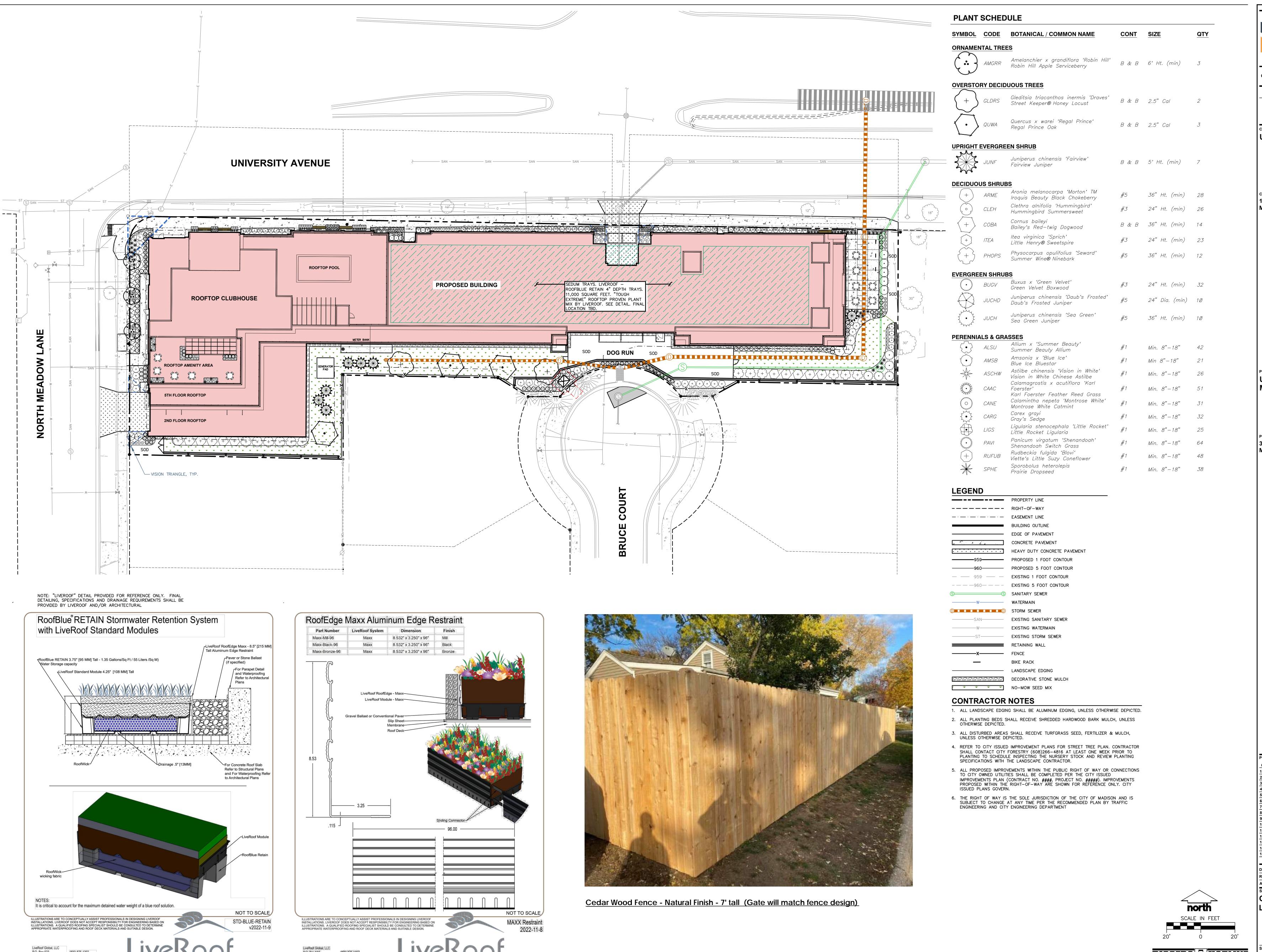
UNIVERSITY 3000 MIXED-USE

PROJECT LOCATION: 3535 UNIVERSITY AVENUE MADISON, WI 53705

NOT FOR CONSTRUCTION

PLAN MODIFICATIONS: Date: Description: 03.17.2025 LAND USE AND UDC SUBMITTAL

DIGGERS J HOTLINE



Spring Lake, MI 49456

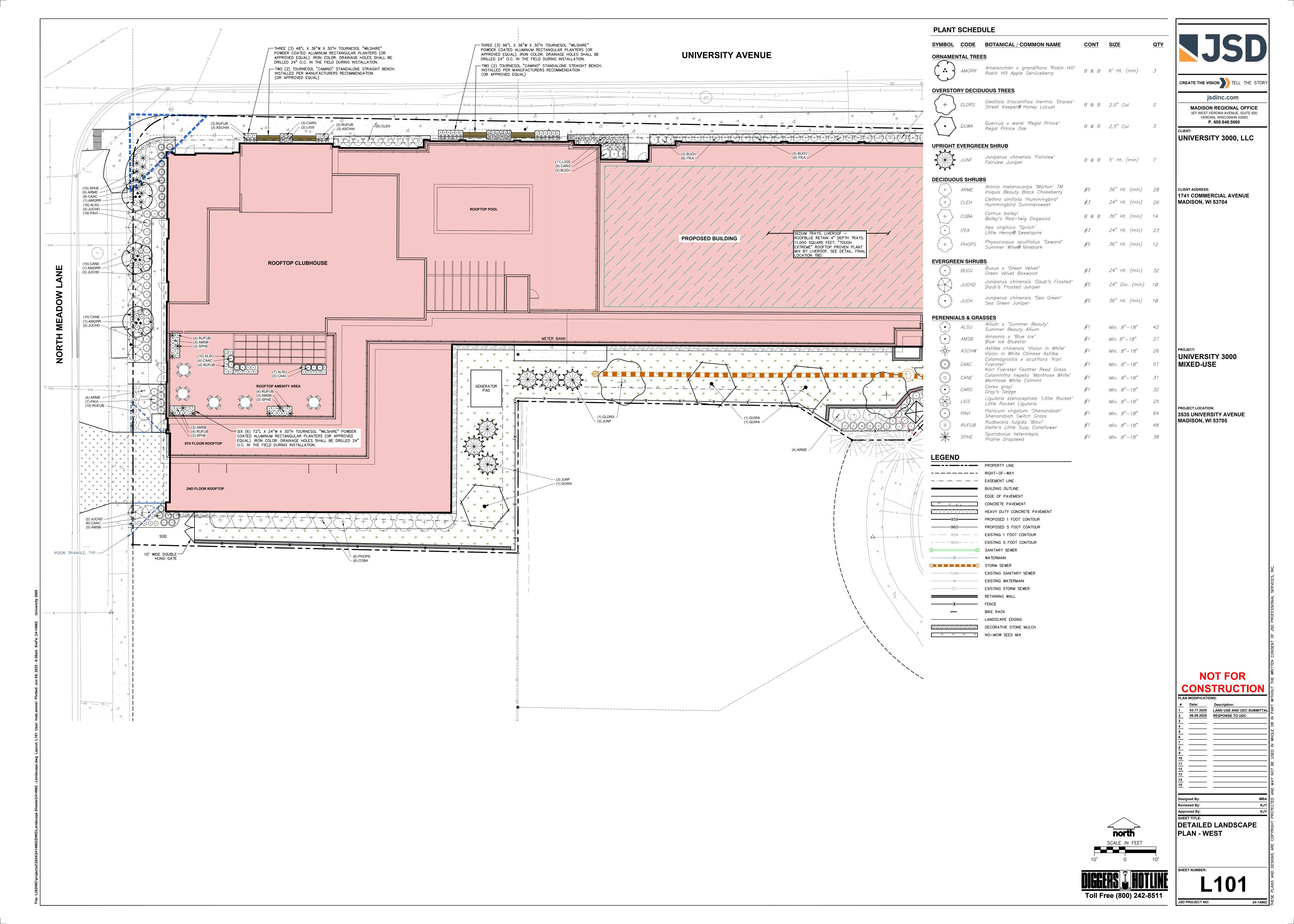
CREATE THE VISION TELL THE STORY jsdinc.com MADISON REGIONAL OFFICE 507 WEST VERONA AVENUE, SUITE 500 VERONA, WISCONSIN 53593 P. 608.848.5060 **UNIVERSITY 3000, LLC CLIENT ADDRESS: 1741 COMMERCIAL AVENUE** MADISON, WI 53704 **UNIVERSITY 3000** MIXED-USE PROJECT LOCATION: **3535 UNIVERSITY AVENUE** MADISON, WI 53705

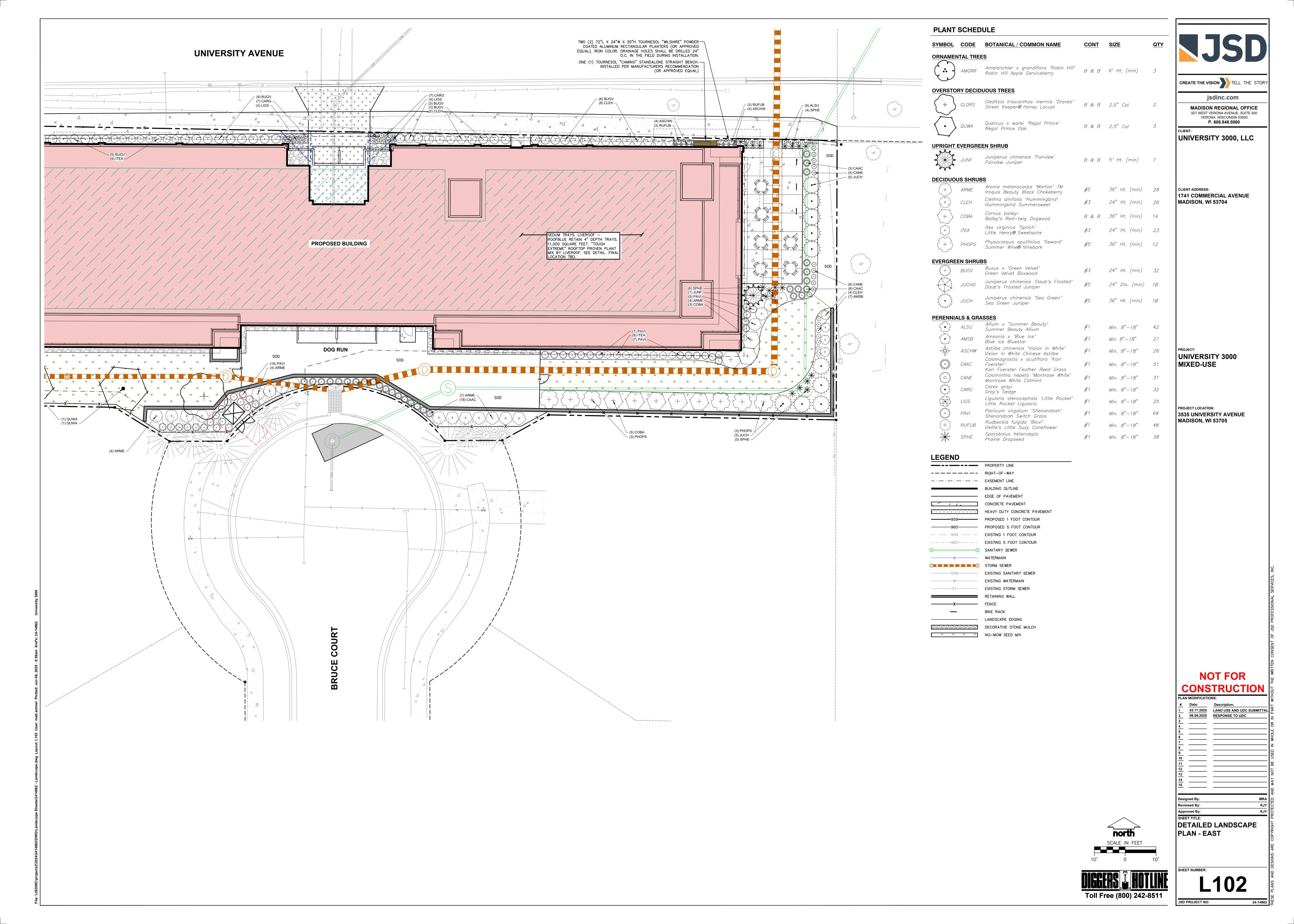
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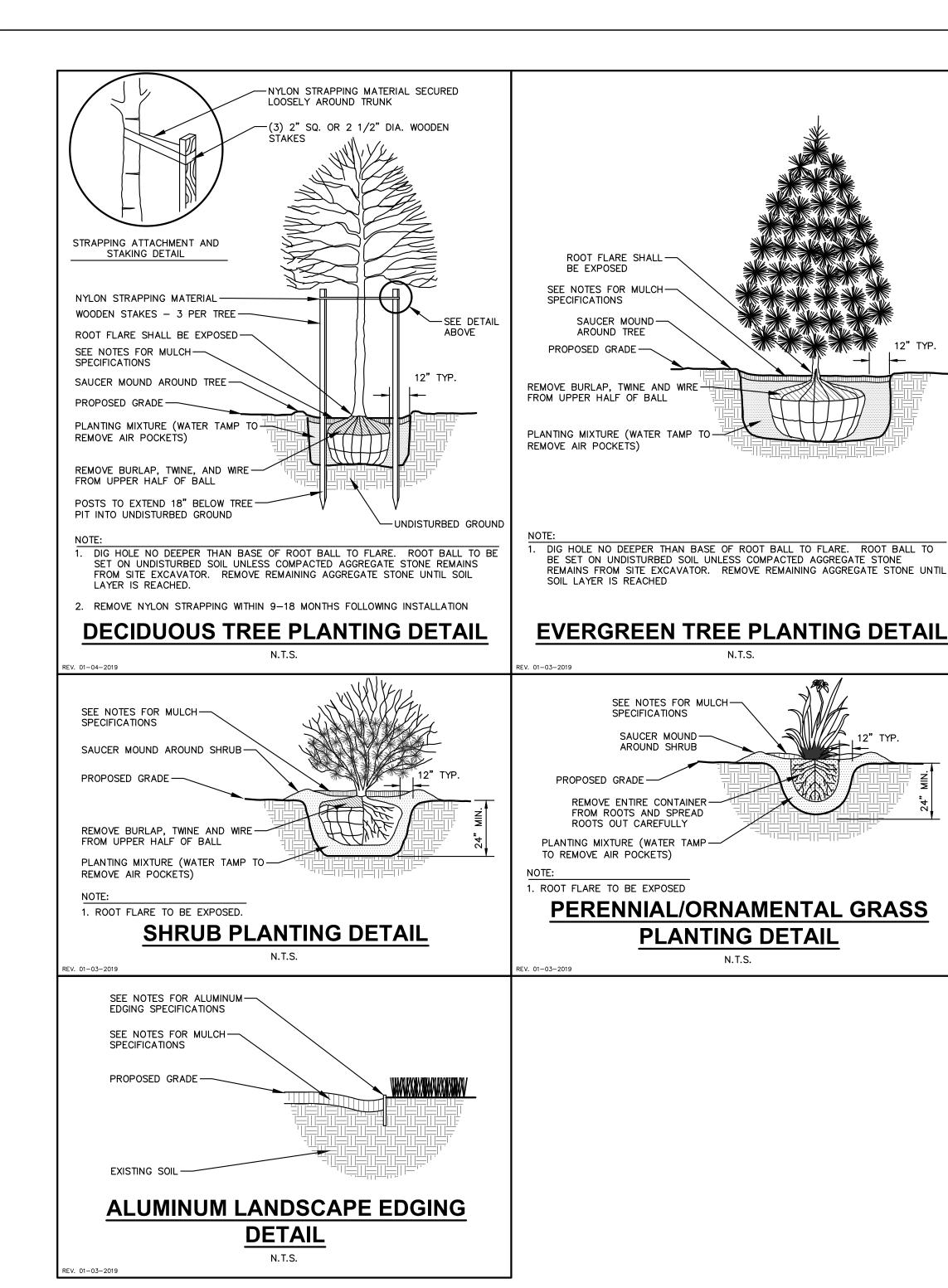
PLAN MODIFICATIONS: 03.17.2025 LAND USE AND UDC SUBMITTAL 06.09.2025 RESPONSE TO UDC

Approved By:

OVERALL LANDSCAPE PLAN







LANDSCAPE CALCULATIONS AND DISTRIBUTIONS irred 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: 3,185

Total landscape points required: 53

(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

Five (5) acres =-

First five (5) developed acres =-

Remainder of developed area:

(C) For the Industrial - Limited (IL) and Industrial - General (IC) 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 | | | | | | | |
|---|--|------------|--------------------|--------------------|----------|--------------------|--|
| | | | CREDITS / LANDS | EXISTING CAPING | | ROPOSED CAPING | |
| PLANT TYPE/ELEMENT | MINIMUM INSTALLATION SIZE | POINTS | QUANTITY | POINTS ACHIEVED | QUANTITY | POINTS ACHIEVED | |
| OVERSTORY DECIDUOUS TREE | 2.5" CAL MIN. | 35 | 0 | 0 | 5 | 175 | |
| TALL EVERGREEN TREE | 5-6' TALL MIN. | 35 | 0 | 0 | 0 | 0 | |
| ORNAMENTAL TREE | 1.5" CAL MIN. | 15 | 0 | 0 | 3 | 45 | |
| UPRIGHT EVERGREEN SHRUB | 3-4' TALL, MIN. | 10 | 0 | 0 | 7 | 70 | |
| SHRUB, DECIDUOUS | #3 CONT., MIN. 12"-24" | 3 | 0 | 0 | 103 | 309 | |
| SHRUB, EVERGREEN | #3 CONT., MIN. 12"-24" | 4 | 0 | 0 | 52 | 208 | |
| ORNAMENTAL GRASS & PERENNIAL | #1 CONT., MIN. 8"-18" | 2 | 0 | 0 | 378 | 756 | |
| ORNAMENTAL / DECORATIVE FENCING OR WALL | 4 POINTS / 10 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 PUBLICALLY ACCESSIBLE DEVELOPED AREA. CANNOT COMPRISE MORE THAN 5% OF TOTAL REQUIRED POINTS) | 5 | 0 | 0 | 0 | 0 | |
| | | SUBTOTAL | | 0 | | 1,563 | |
| то | TAL NUMBER OF POINT | S PROVIDED | | 1,5 | 663 | | |

GENERAL NOTES

- 1. REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGEND. 2. 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.
- 3. DRAWING FOR REVIEW NOT FOR CONSTRUCTION UNLESS OTHERWISE NOTED IN THE TITLE BLOCK. 4. THE LANDSCAPE CONTRACTOR SHALL COORDINATE ALL FINE GRADING AND TOPSOILING WITH GENERAL
- 5. 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 6. DO NOT COMMENCE PLANTING OPERATIONS UNTIL ALL ADJACENT SITE IMPROVEMENTS, IRRIGATION INSTALLATION (IF APPLICABLE), AND FINISH GRADING ARE COMPLETE
- 7. 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 DISCIPLINARY 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 MUST CALL 1-800-242-8511 FOR UTILITY LOCATIONS AT LEAST THREE DAYS 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 FOR REVIEW BY OWNER PRIOR TO DIGGING AND PLACEMENT AND SHALL COORDINATE ALL FINE GRADING AND RESTORATION WITH THE GRADING CONTRACTOR.
- 8. 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 NOT PLANTED BY STORING THEM IN A SHADED, SECURE AREA, PROTECTING THE ROOT MASS WITH WET SOIL, MULCH, HAY OR OTHER SUITABLE MEDIUM. CONTRACTOR TO KEEP ALL 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 OR BALLED 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 LOCALLY ACCEPTED BEST HORTICULTURAL PRACTICES.
- 9. 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.
- 10. 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 BROKEN DURING THE PLANTING PROCESS, SHALL BE PRUNED. THIS SHALL BE THE ONLY PRUNING ALLOWED AT PLANTING. PRUNING SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN STANDARD FOR TREE CARE OPERATIONS, ANSI A300. PRUNE TREES IN ACCORDANCE WITH NAA GUIDELINES. DO NOT TOP TREES. PRUNE SHRUBS ACCORDING TO STANDARD HORTICULTURAL PRACTICES. ON CUTS OVER 3/4" IN DIAMETER AND BRUISES OR SCARS ON BARK, TRACE THE INJURED CAMBIUM LAYER BACK TO LIVING TISSUE AND REMOVE. SMOOTH AND SHAPE 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.
- 11. 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.
- 12. ANY SUBSTITUTIONS IN PLANT TYPE, LOCATION, OR SIZE SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 13. CONTRACTOR TO VERIFY PLANT MATERIAL QUANTITIES AND SQUARE FOOTAGES. QUANTITIES SHOWN ON PLAN TAKE PRECEDENCE OVER THOSE ON SCHEDULE.

LANDSCAPE MATERIAL NOTES

LANDSCAPE AREAS PER SOIL TEST.

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. 2. 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

1. MATERIALS - PLANTING MIXTURE: ALL HOLES EXCAVATED FOR TREES, SHRUBS, PERENNIALS AND

3. MATERIALS - SHREDDED HARDWOOD BARK MULCH: ALL PLANTING AREAS SHALL RECEIVE CERTIFIED WEED FREE SHREDDED HARDWOOD BARK MULCH INSTALLED TO A MINIMUM AND CONSISTENT DEPTH OF 3-INCHES UNLESS OTHERWISE DEPICTED. SHREDDED 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. SHREDDED HARDWOOD BARK MULCH AREAS SHALL NOT RECEIVE WOVEN WEED BARRIER FABRIC.

PLACEMENT. DO NOT PLACE FROZEN OR MUDDY TOPSOIL. APPLY SOIL AMENDMENTS TO ALL

- 4. MATERIALS STONE MULCH: PLANTING AREAS DEPICTED BY THE LEGEND SHALL RECEIVE 1.5" GRANITE MIST DECORATIVE STONE MULCH PER MIDWEST DECORATIVE STONE (OR APPROVED EQUAL) SPREAD TO A MINIMUM AND CONSISTENT DEPTH OF 3-INCHES (www.midwestdecorativestone.com). 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.
- 5. MATERIALS TREE & SHRUB RINGS: ALL TREES AND/OR SHRUBS PLANTED IN SEEDED LAWN AREAS TO BE INSTALLED WITH A MINIMUM 4' DIAMETER SHREDDED 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, ANGLED 45 DEGREES INTO SOIL 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.
- 6. MATERIALS ALUMINUM EDGING: EDGING SHALL BE 1/8" X 4", ALUMINUM EDGING, MILL FINISH. OWNER'S REPRESENTATIVE SHALL APPROVE PRODUCT SPECIFICATION PROVIDED BY LANDSCAPE

SEEDING, SODDING, & POND VEGETATION NOTES

- 1. MATERIALS "NO-MOW" SEED: DISTURBED LAWN AREAS LABELED ON PLAN AS SUCH, SHALL RECEIVE 6" OF TOPSOIL AND "NO MOW" FESCUE SEED OR EQUIVALENT AS APPROVED BY THE OWNER'S REPRESENTATIVE, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. IN ADDITION TO FESCUE SEED, ANNUAL RYE SHALL BE APPLIED TO ALL DISTURBED AREAS AT A RATE OF 1-1/2 LBS PER 1000 SQUARE FEET. FERTILIZE AND MULCH PER MANUFACTURER'S RECOMMENDATIONS.
- 2. MATERIALS SOD: DISTURBED LAWN AREAS LABELED ON PLAN AS SUCH, SHALL RECEIVE 6" OF TOPSOIL AND A PREMIUM GRADE TURFGRASS SOD. ONLY IMPROVED TYPES OF SOD (ELITE) ARE ACCEPTABLE. TURFGRASS SHALL BE MACHINE CUT AT A UNIFORM THICKNESS OF .60 INCH, PLUS OR MINUS .25 INCH, AT TIME OF CUTTING. MEASUREMENT FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND THATCH. LARGE ROLL TURFGRASS SOD SHALL BE CUT TO THE SUPPLIER'S STANDARD WIDTH (36-48 INCHES) AND LENGTH. BROKEN PADS AND TORN OR UNEVEN ENDS WILL NOT BE ACCEPTABLE. STANDARD SIZE SECTIONS OF TURGRASS SOD SHALL BE STRONG ENOUGH SO THAT THEY CAN BE PICKED UP AND HANDLED WITHOUT DAMAGE. TURFGRASS SOD SHALL NOT BE HARVESTED OR TRANSPLANTED WHEN MOISTURE CONTENT IS EXCESSIVELY DRY OR WET, AS THIS MAY ADVERSELY AFFECT ITS SURVIVAL. POST-PLANT IRRIGATION WILL BE NECESSARY TO ENSURE SOD STAYS ALIVE AND ROOTS INTO SOIL. THE CONTRACTOR IS RESPONSIBLE FOR WATERING SOD UNTIL TIME OF ACCEPTANCE BY THE OWNER. TURFGRASS SOD SHALL BE HARVESTED, DELIVERED, AND INSTALLED/TRANSPLANTED WITHIN A PERIOD OF 24 HOURS. TURFGRASS SOD SHALL BE RELATIVELY FREE OF THATCH, UP TO 0.5 INCH ALLOWABLE (UNCOMPRESSED). TURFGRASS SOD SHALL BE REASONABLY FREE (10 WEEDS/100 SQ. FT.) OF DISEASES, NEMATODES AND SOIL-BORNE INSECTS. ALL TURFGRASS SOD SHALL BE FREE OF GRASSY AND BROAD LEAF WEEDS AND WEED SEED. THE

SCHEDULE. THE WATERING SCHEDULE SHOULD BEGIN IMMEDIATELY AFTER SOD IS INSTALLED. CONTRACTOR AND OWNER RESPONSIBILITY NOTES

SOD SUPPLIER SHALL MAKE RECOMMENDATIONS TO THE CONTRACTOR REGARDING WATERING

- 1. 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
- 2. 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.
- 3. 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 ADFOUATELY WATERING PLANTS AND LAWN/TUREGRASS DURING THIS 60 DAY ESTABLISHMEN PERIOD. CONTRACTOR IS RESPONSIBLE FOR THE ESTABLISHMENT OF HEALTHY VIGOROUS PLANT MATERIALS AND LAWN/TURFGRASS GROWTH. CONTRACTOR IS ALSO RESPONSIBLE FOR ANY PRUNING OF PLANT MATERIALS. AND SHAPING AND/OR REPLACEMENT OR SUPPLEMENT OF DEFICIENT SHREDDED 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. ALL PLANTINGS AND LAWN/TURFGRASS AREAS SHALL BE MAINTAINED IN A MANICURED CONDITION UNTIL THE TIME WHEN THE OWNER'S ACCEPTANCE IS GIVEN.

(1)—YEAR STRAIGHTENING GUARANTEE FOR ALL TREES.

4. 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.



CREATE THE VISION TELL THE STOR'

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P. 608.848.5060

UNIVERSITY 3000, LLC

LIENT ADDRESS 1741 COMMERCIAL AVENUE MADISON, WI 53704

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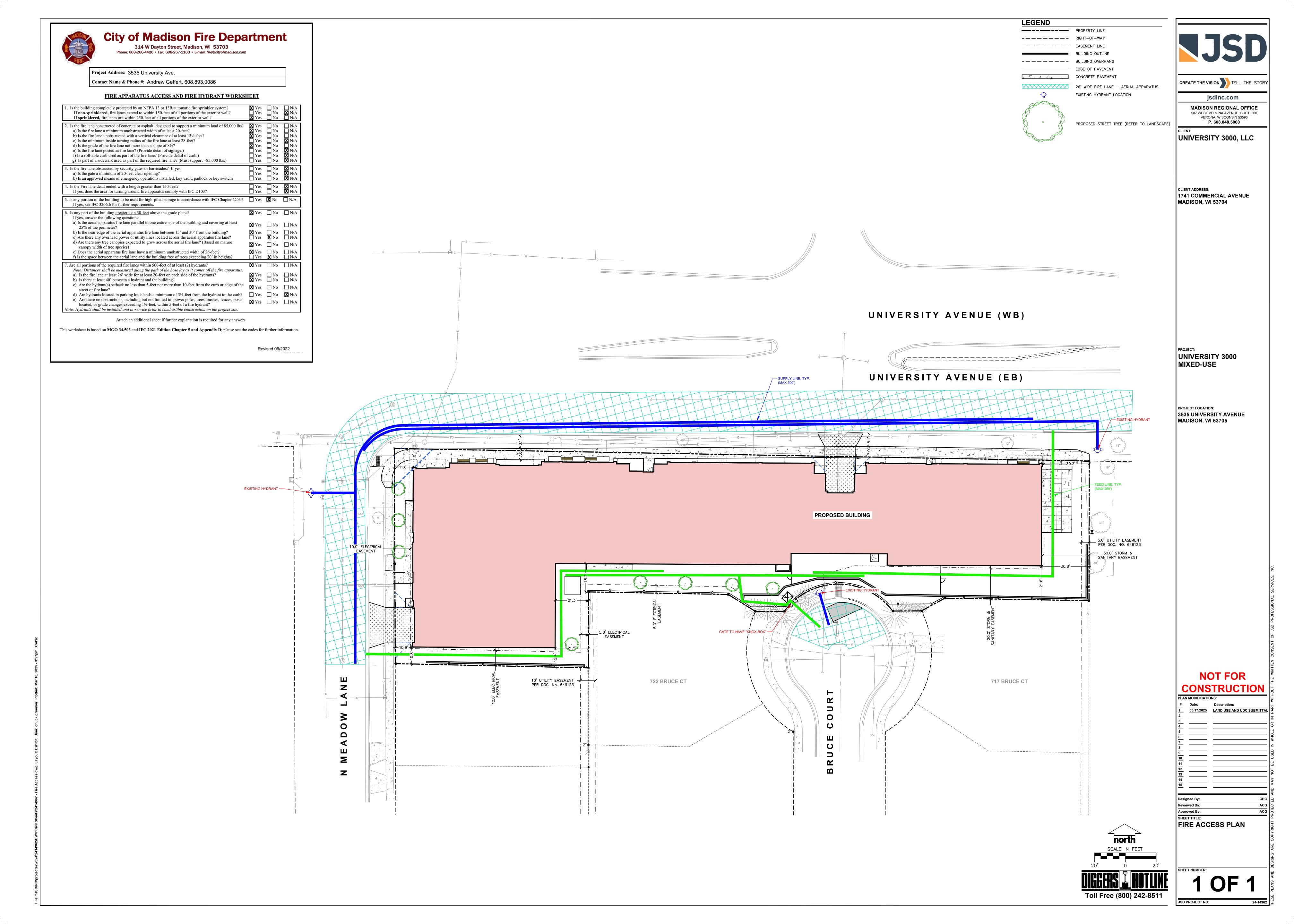
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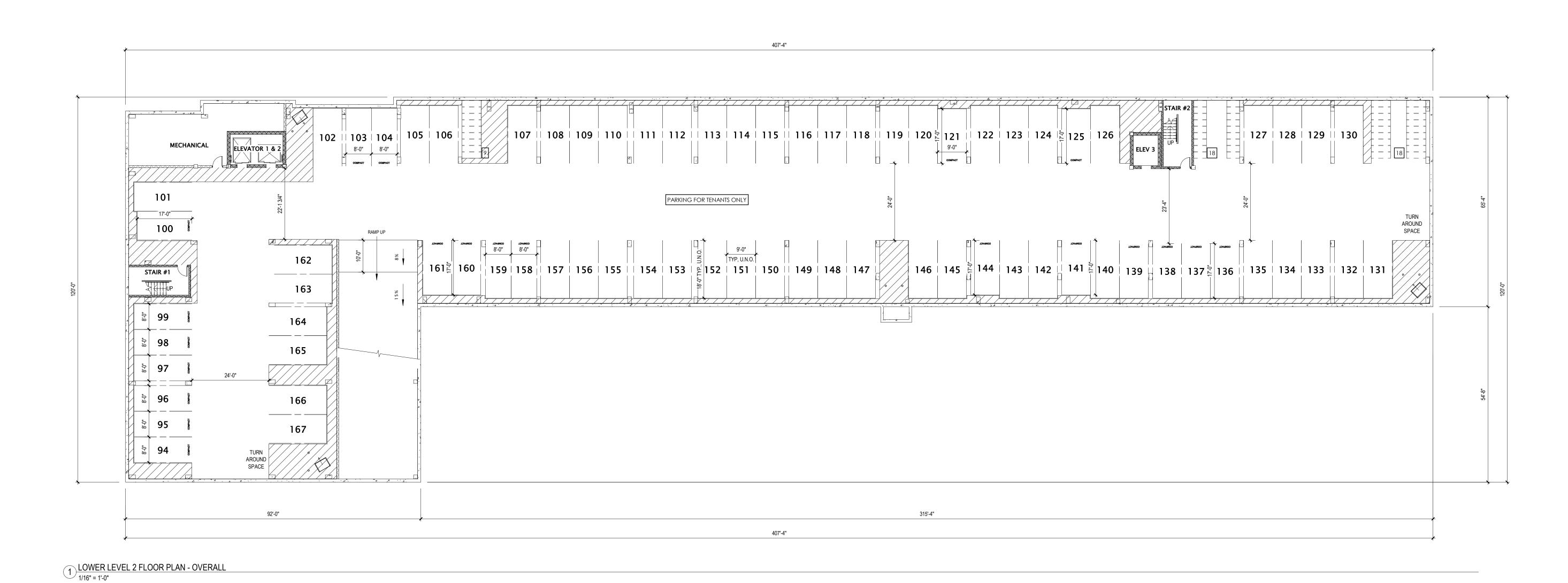
PLAN MODIFICATIONS:

| _#_ | Date: | Description: |
|-----|------------|----------------------------|
| 1 | 03.17.2025 | LAND USE AND UDC SUBMITTAL |
| 2 | 06.09.2025 | RESPONSE TO UDC |
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Reviewed By: Approved By:

LANDSCAPE **DETAILS & NOTES**





PLAN NORTH



JLA PROJECT NUMBER:

UNIVERSITY 3000 LLC

LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

DATE OF ISSUANCE

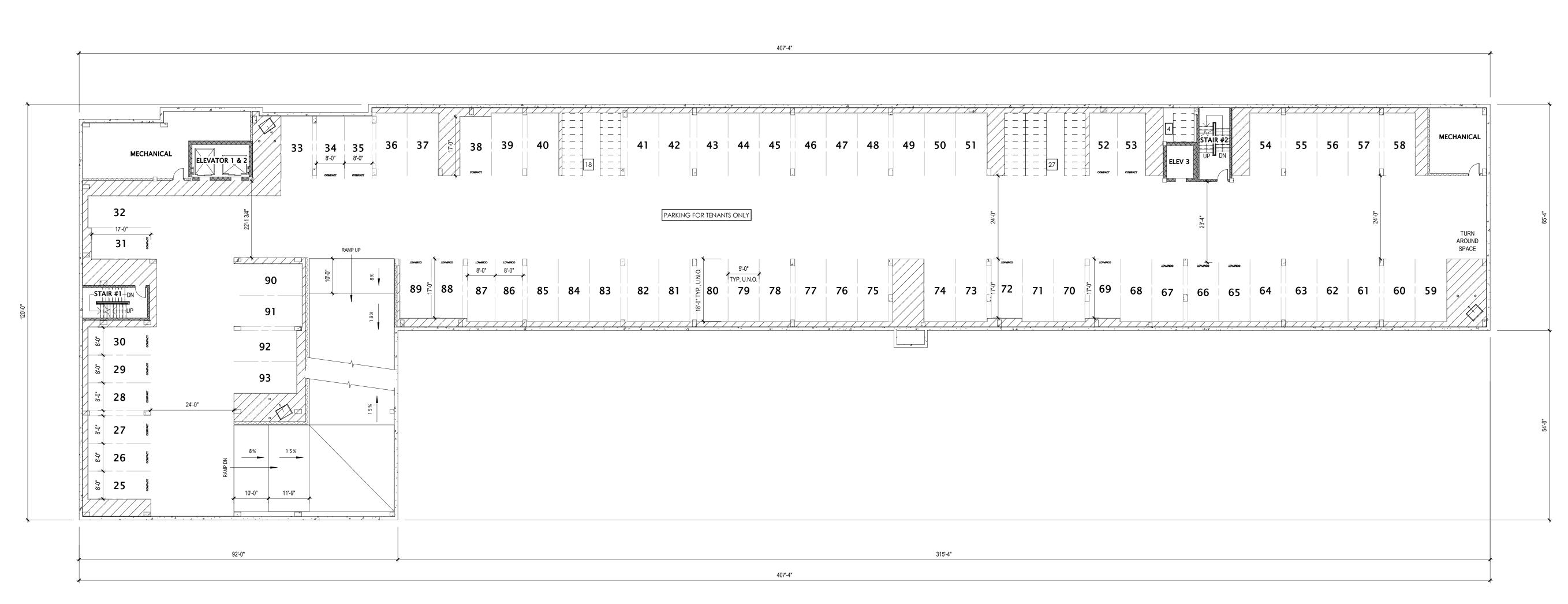
REVISION SCHEDULE

Mark Description Date

SHEET TITLE

LOWER LEVEL 2 FLOOR PLAN -OVERALL

SHEET NUMBER



1) LOWER LEVEL 1 FLOOR PLAN - OVERALL
1/16" = 1'-0"





JLA PROJECT NUMBER:

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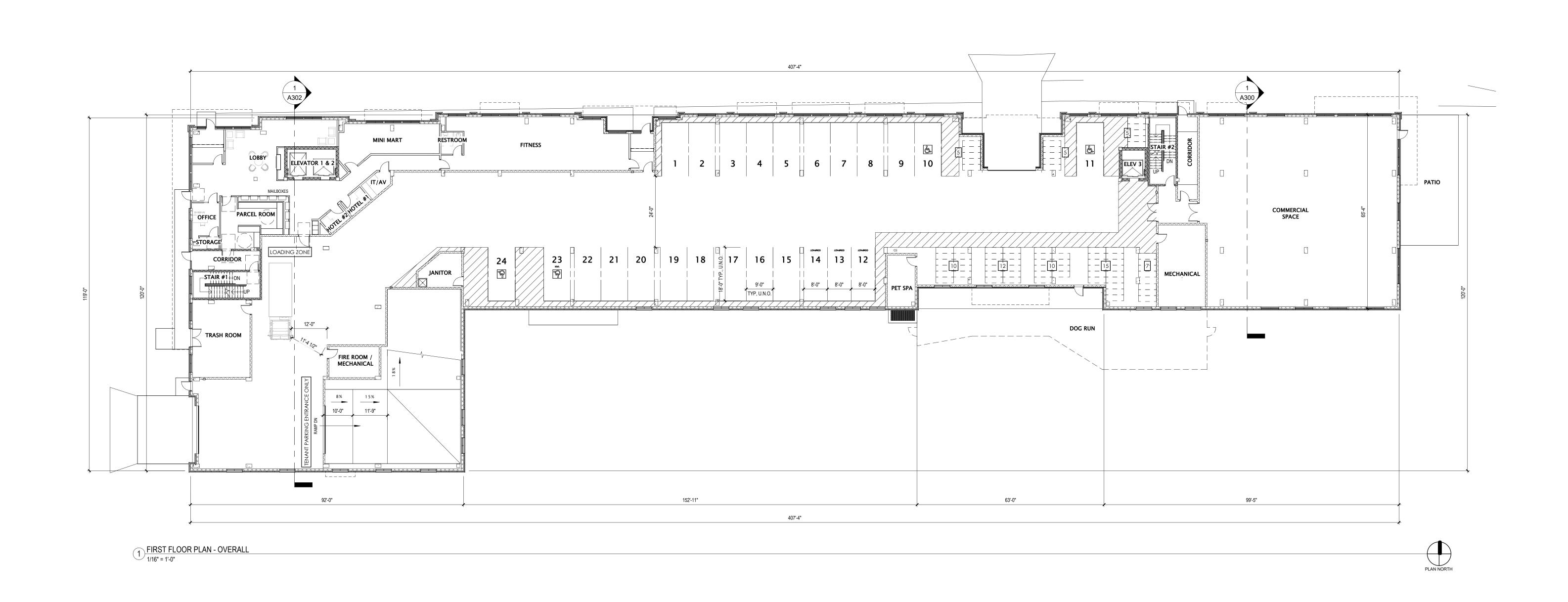
REVISION SCHEDULE

Mark Description Date

SHEET TITLE

LOWER LEVEL 1 FLOOR PLAN -OVERALL

A100.5





JLA PROJECT NUMBER:

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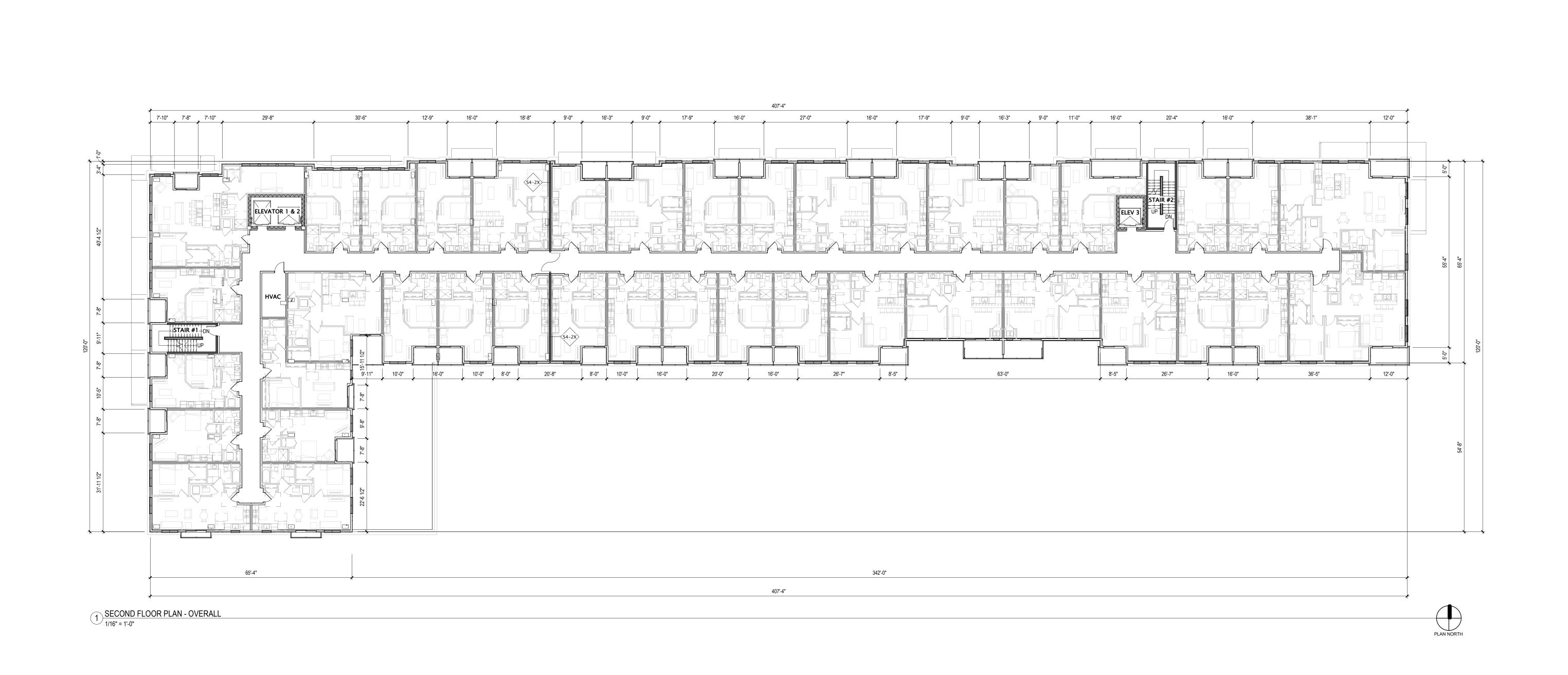
REVISION SCHEDULE

Mark Description Date

SHEET TITLE

FIRST FLOOR PLAN -OVERALL

SHEET NUMBER





JLA PROJECT NUMBER:

W23-0222

UNIVERSITY 3000 LLC

LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

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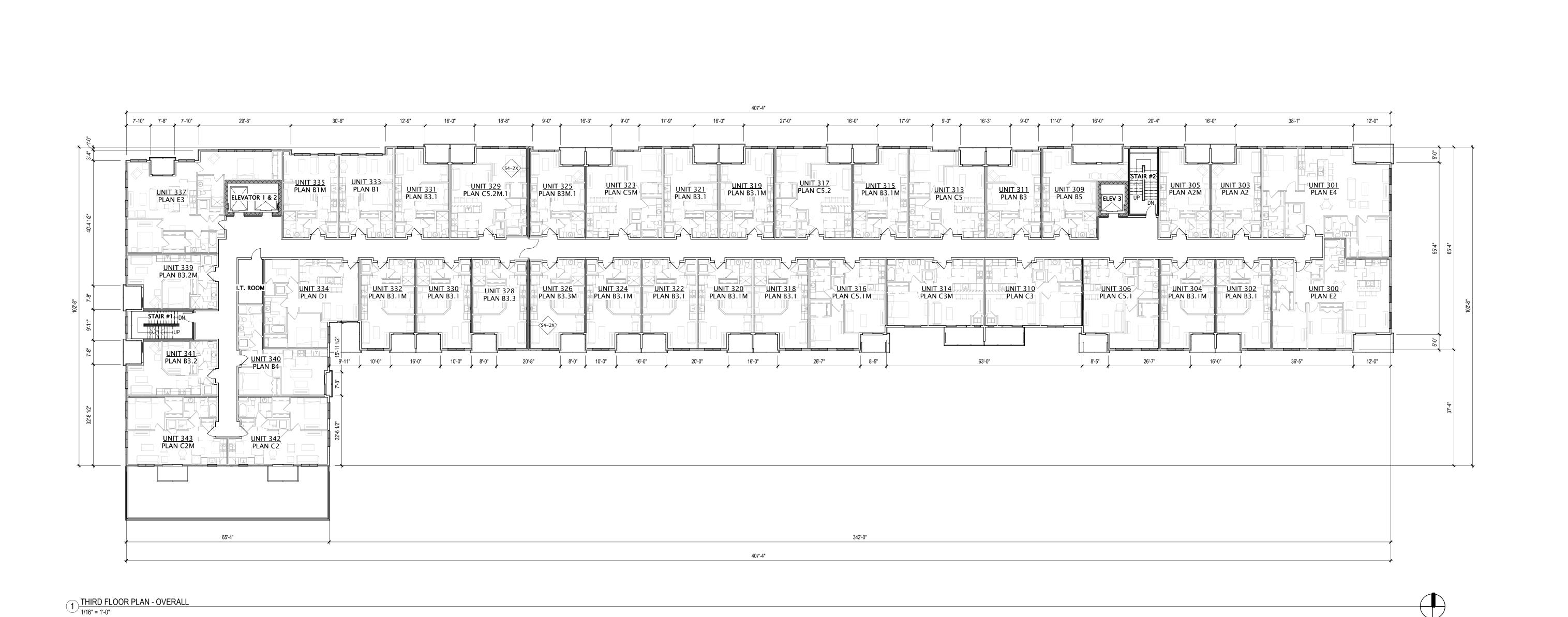
DATE OF ISSUANCE 6/16/2025

REVISION SCHEDULE

Description

SECOND FLOOR PLAN - OVERALL

SHEET NUMBE



ARCHITECTS

MADISON | MILWAUKEE | DENVER

JLA-AP.COM

JLA PROJECT NUMBER: W23-0222

UNIVERSITY 3000 LLC

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REVISION SCHEDULE

Mark Description Date

SHEET TITLE

THIRD FLOOR PLAN -OVERALL

SHEET NUMBER



JLA PROJECT NUMBER: V

UNIVERSITY 3000 LLC

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DATE OF ISSUANCE

6/16/20

DATE OF ISSUANCE

REVISION SCHEDULE

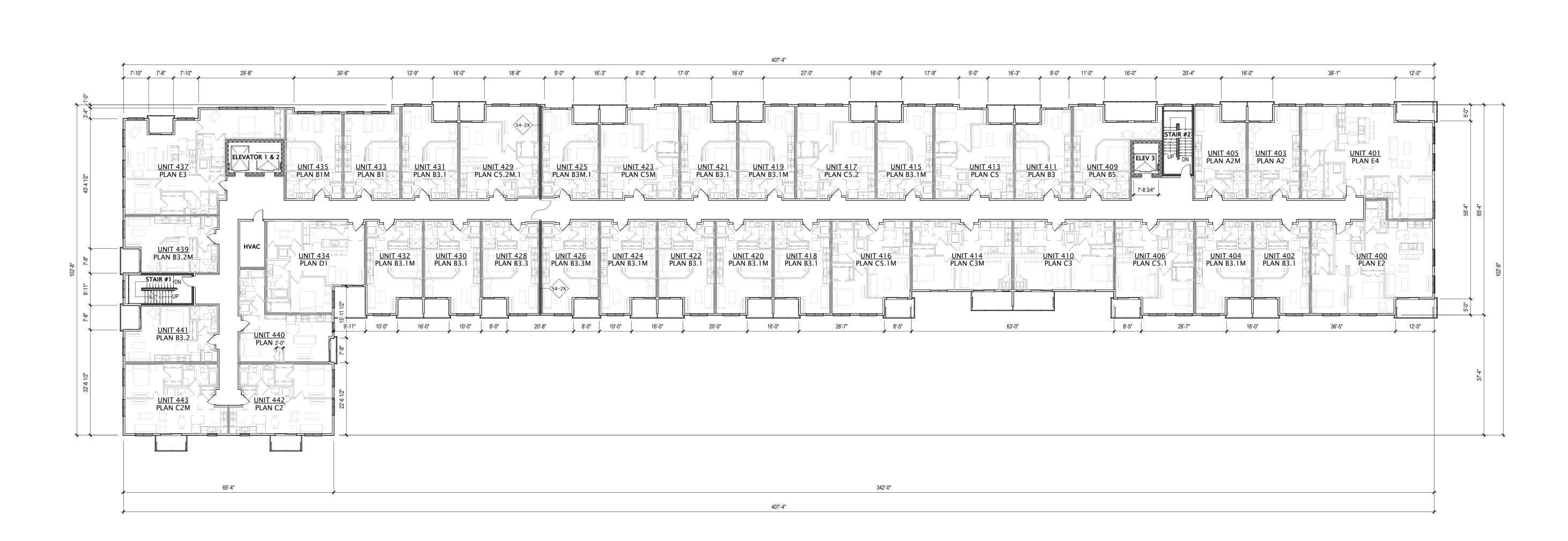
Mark Description Date

HEET TITLE

FOURTH FLOOR PLAN
- OVERALL

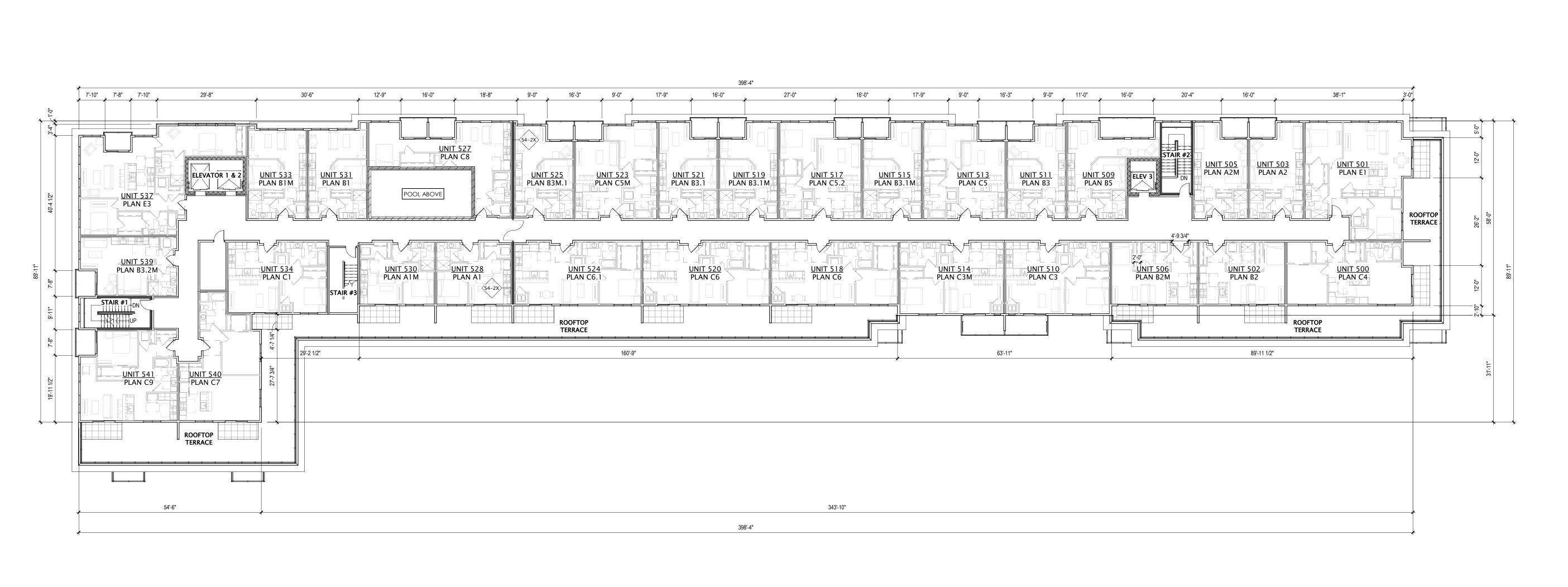
SHEET NUMBER

A104



1) FOURTH FLOOR PLAN - OVERALL 1/16" = 1'-0"

1/4/2025 2:56:11 PM



1) FIFTH FLOOR PLAN - OVERALL
1/16" = 1'-0"

PI AN NOR



JLA PROJECT NUMBER:

UNIVERSITY 3000 LLC

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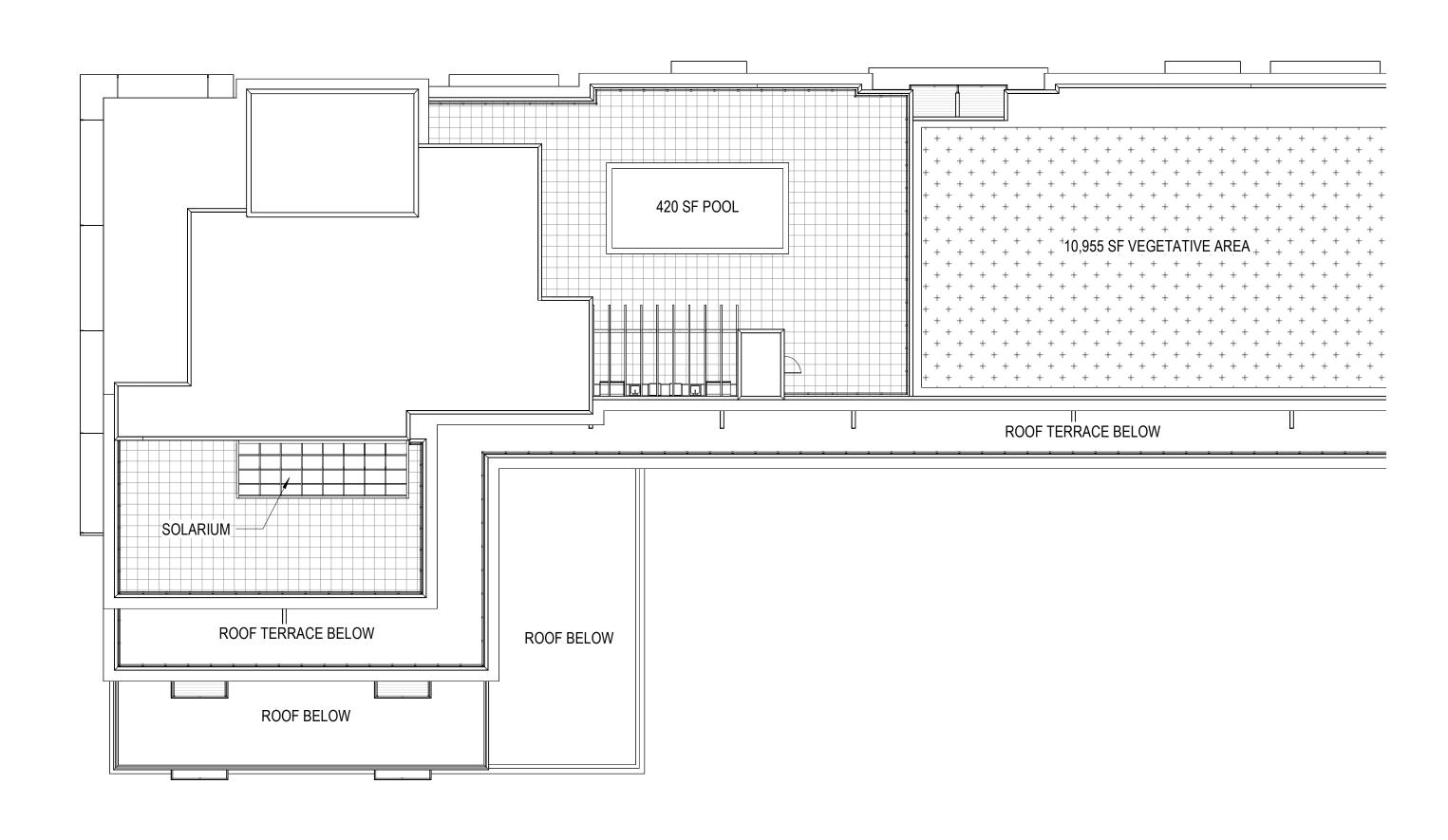
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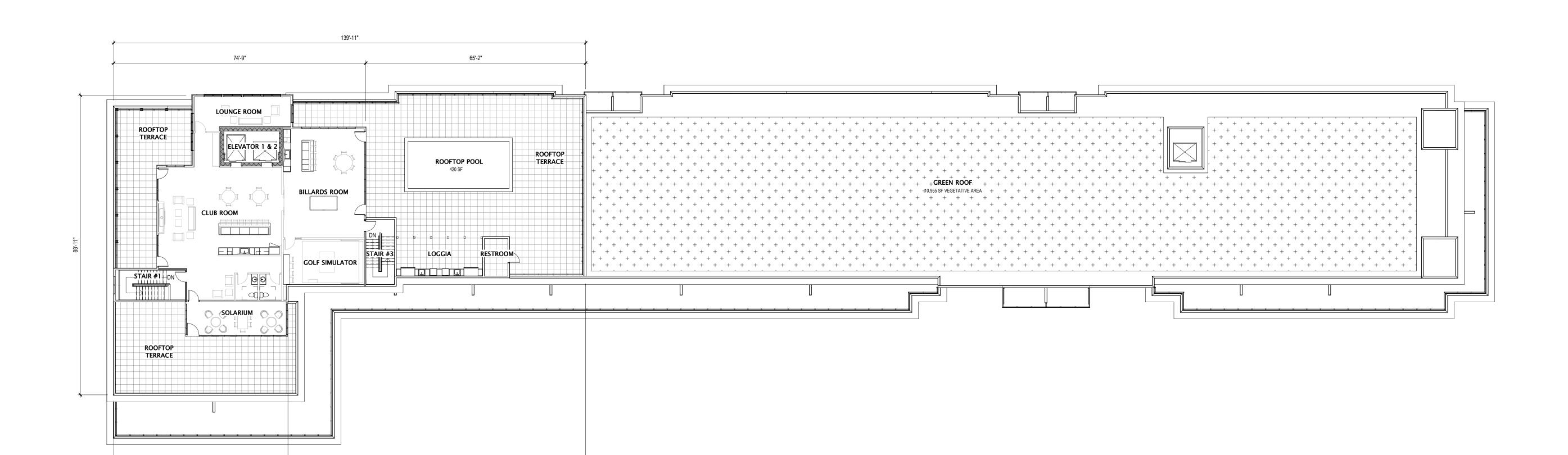
FIFTH FLOOR PLAN -OVERALL

SHEET NUMBER



51'-8"

1 ROOFTOP TERRACE PLAN - OVERALL
1/16" = 1'-0"



PLAN



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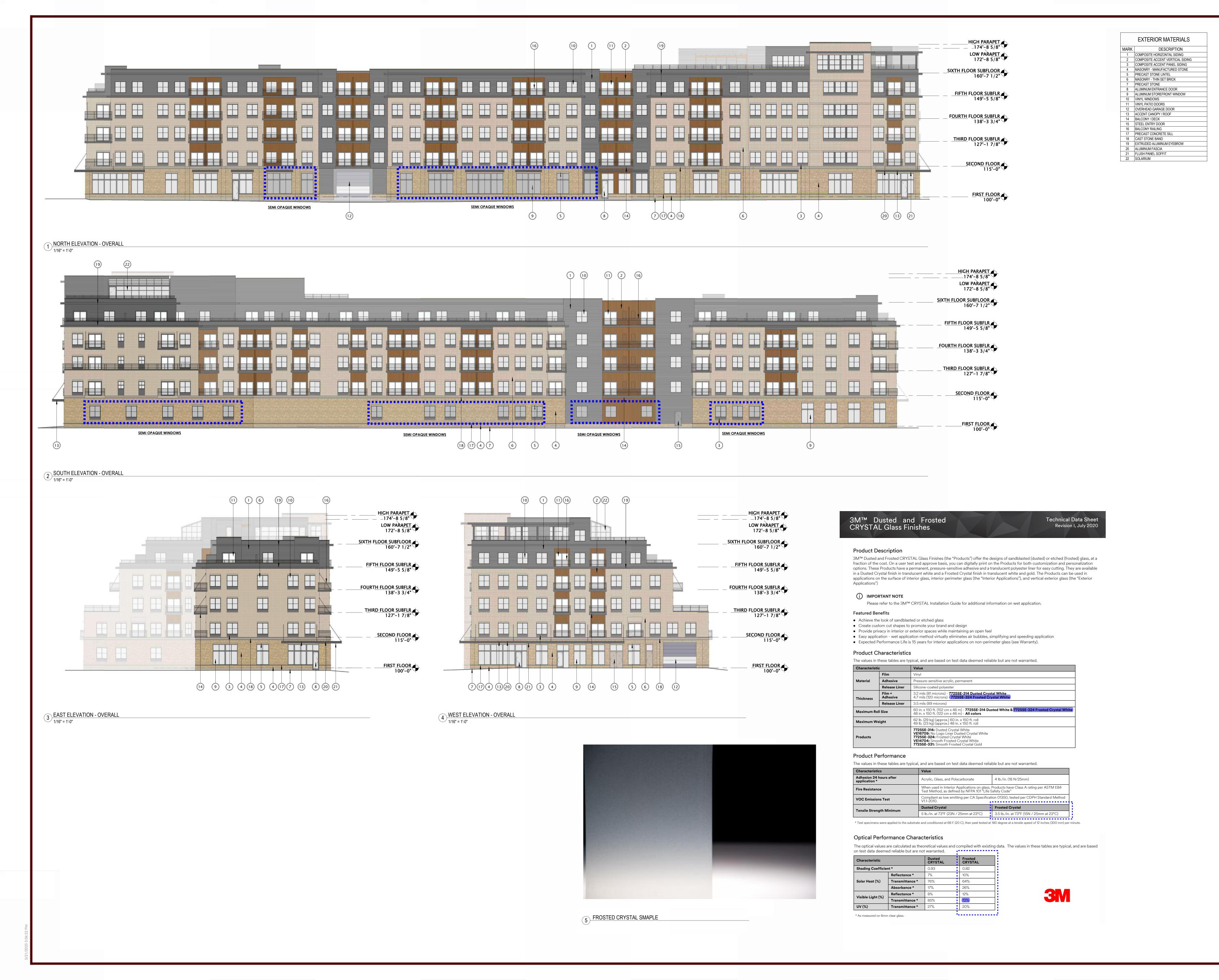
Mark Description Date

SHEET TITLE

SIXTH FLOOR PLAN -OVERALL

SHEET NUMBER





J L A
ARCHITECTS
MADISON | MILWAUKEE | DENVER

JLA PROJECT NUMBER:

JLA-AP.COM

W23-0222

UNIVERSITY 3000

LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes

The seal & signature by the Architect of Record for this sheet is affixed to Sheet G001, which identifies this sheet as part of the sealed & signed document set in the set's index list

DATE OF ISSUANCE

REVISION SCHEDULE

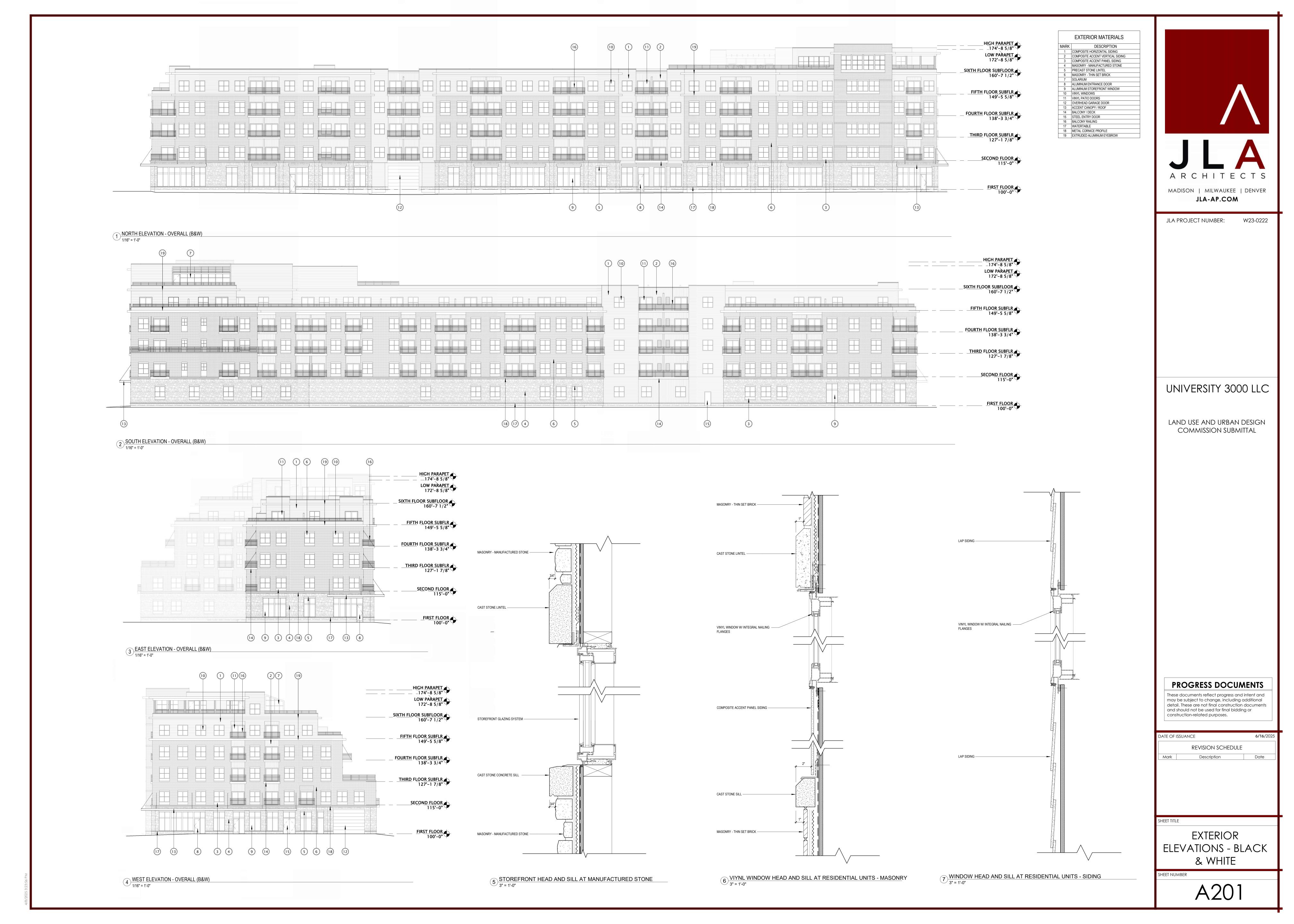
Description Date

HEET TITLE

WINDOW FILM DETAILS

SHEET NUMBER

A200.1











UNIVERSITY 3000 LLC

LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

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Mark Description Date

CLIEFT TITLE

EXTERIOR RENDERINGS

SHEET NUMBE



PERSPECTIVE EAST - DUSK



JLA PROJECT NUMBER:

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EXTERIOR RENDERINGS

SHEET NIIIAARED









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PERSPECTIVE WEST - DUSK



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CLIEFT TITLE

EXTERIOR RENDERINGS

SHEET NIIIAARED



PERSPECTIVE NORTH



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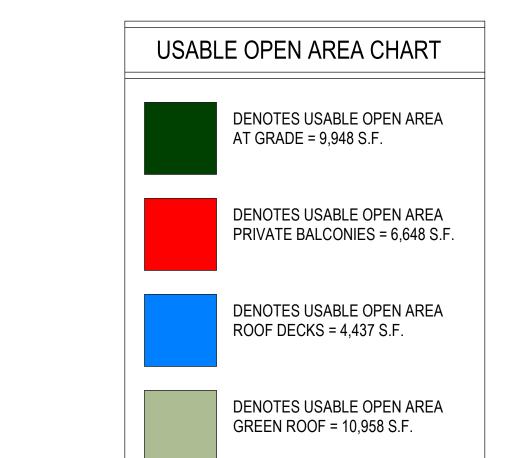
Mark Description Date

CLIEFT TO

EXTERIOR RENDERINGS

SHEET NUMBE





REQUIRED USABLE OPEN AREA (40 S.F. x 146

TOTAL USABLE OPEN AREA = 31,991 S.F.

DWELLING UNITS) = 5,840 S.F.



JLA PROJECT NUMBER: W23-0222

UNIVERSITY 3000 LLC

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Mark Description Date

CLIEFT TITLE

USEABLE OPEN SPACE

SHEET NUMBER

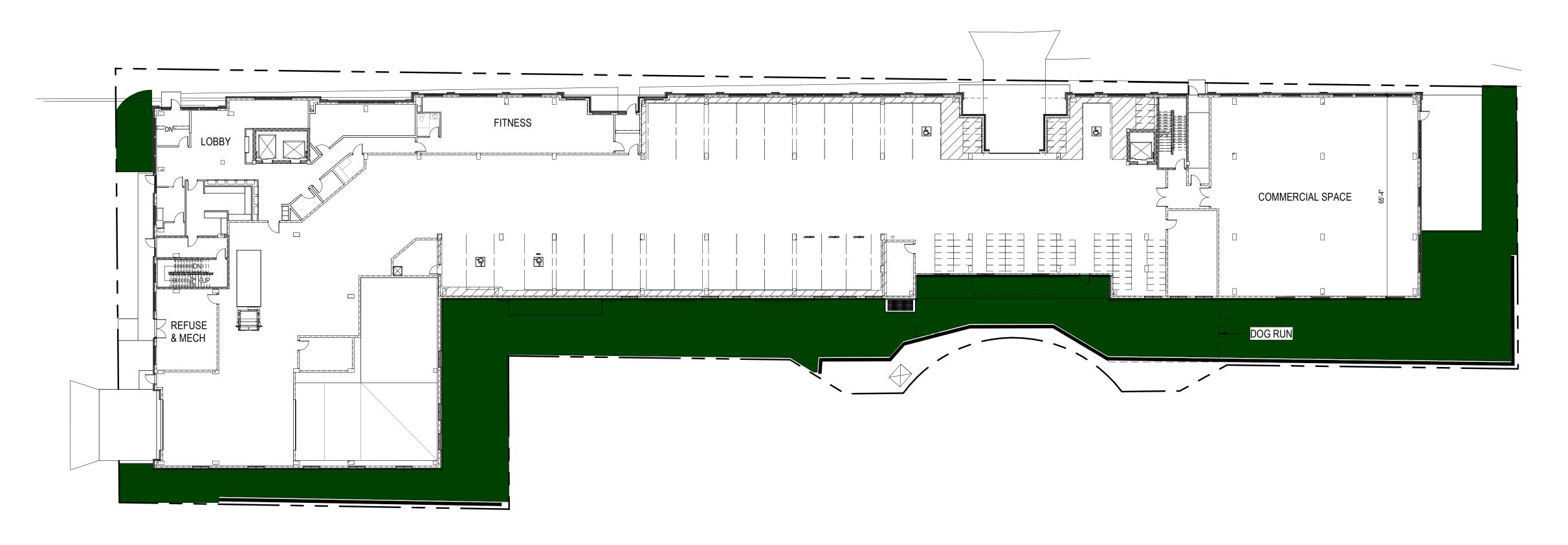
A250

3 THIRD FLOOR PLAN - USABLE OPEN SPACE
1" = 20'-0"

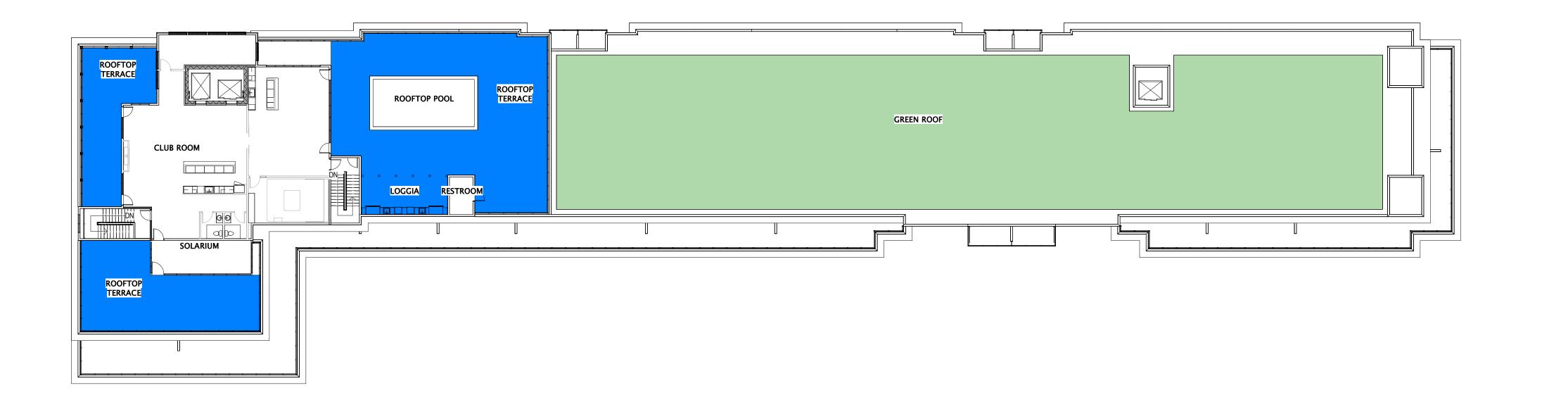


2 SECOND FLOOR PLAN - USABLE OPEN SPACE

1" = 20'-0"



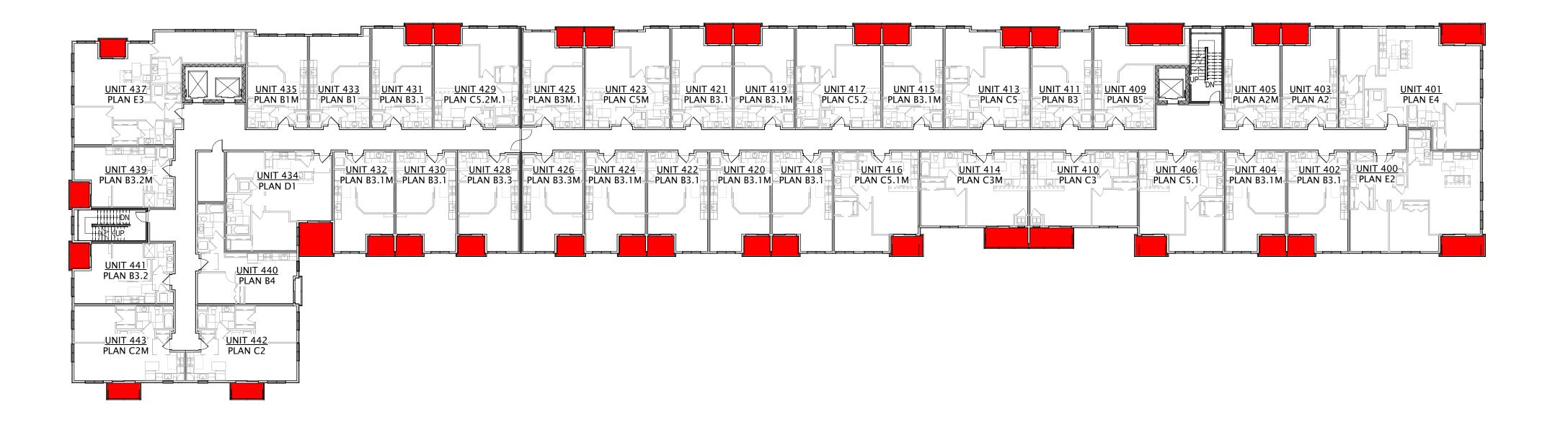
1 FIRST FLOOR PLAN - USABLE OPEN SPACE
1" = 20'-0"







2 FIFTH FLOOR PLAN - USABLE OPEN SPACE
1" = 20'-0"



USABLE OPEN AREA CHART

DENOTES USABLE OPEN AREA AT GRADE = 9,948 S.F.

DENOTES USABLE OPEN AREA PRIVATE BALCONIES = 6,648 S.F.

DENOTES USABLE OPEN AREA ROOF DECKS = 4,437 S.F.

REQUIRED USABLE OPEN AREA (40 S.F. x 146 DWELLING UNITS) = 5,840 S.F.

DENOTES USABLE OPEN AREA GREEN ROOF = 10,958 S.F.

TOTAL USABLE OPEN AREA = 31,991 S.F.

ARCHITECTS

MADISON | MILWAUKEE | DENVER

JLA-AP.COM

JLA PROJECT NUMBER: W23-0222

UNIVERSITY 3000 LLC

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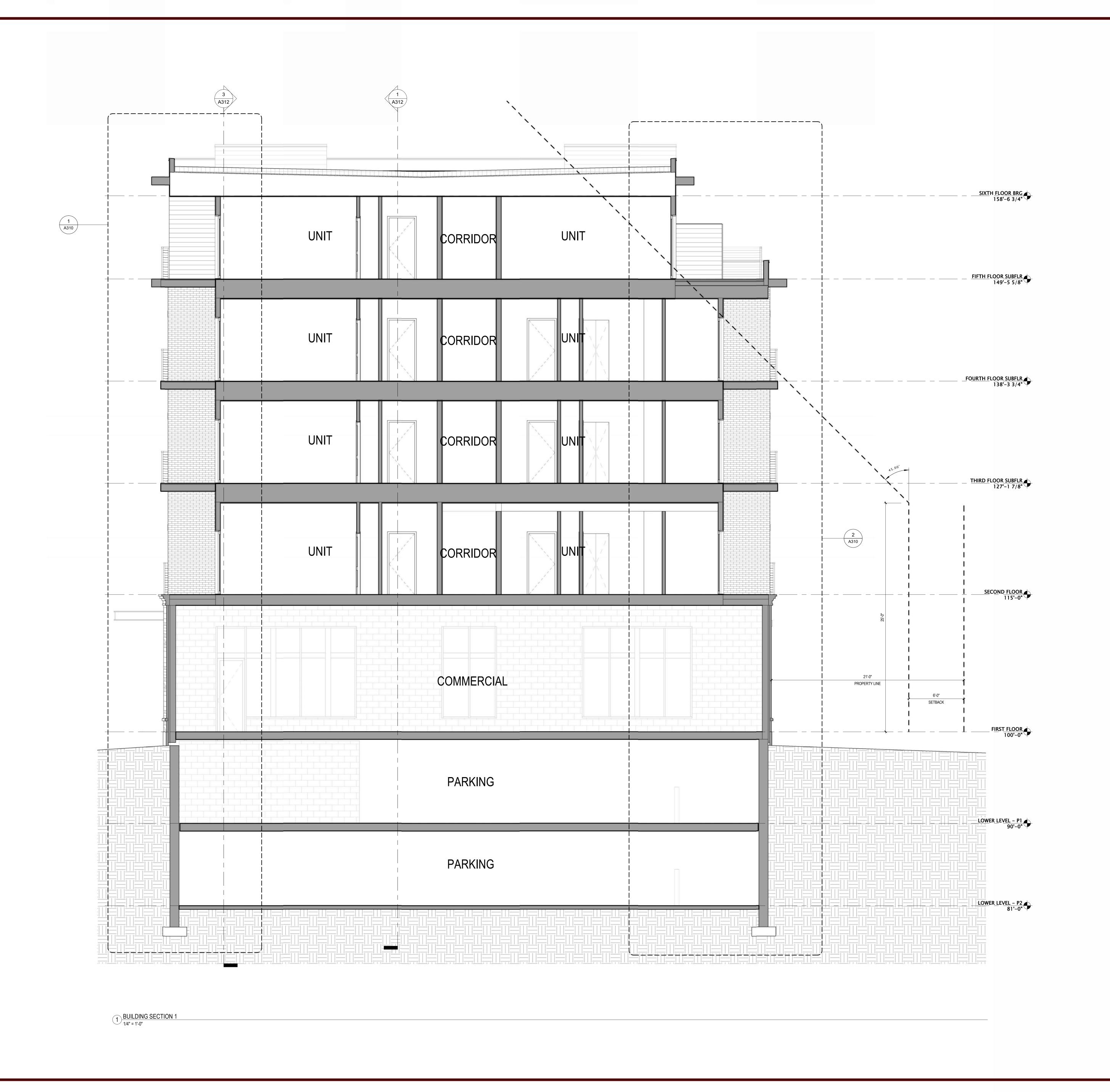
SHEET TITLE

USEABLE OPEN SPACE

SHEET NUMBER

A251

1) FOURTH FLOOR PLAN - USABLE OPEN SPACE
1" = 20'-0"





W23-0222

UNIVERSITY 3000 LLC

LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

PROGRESS DOCUMENTS

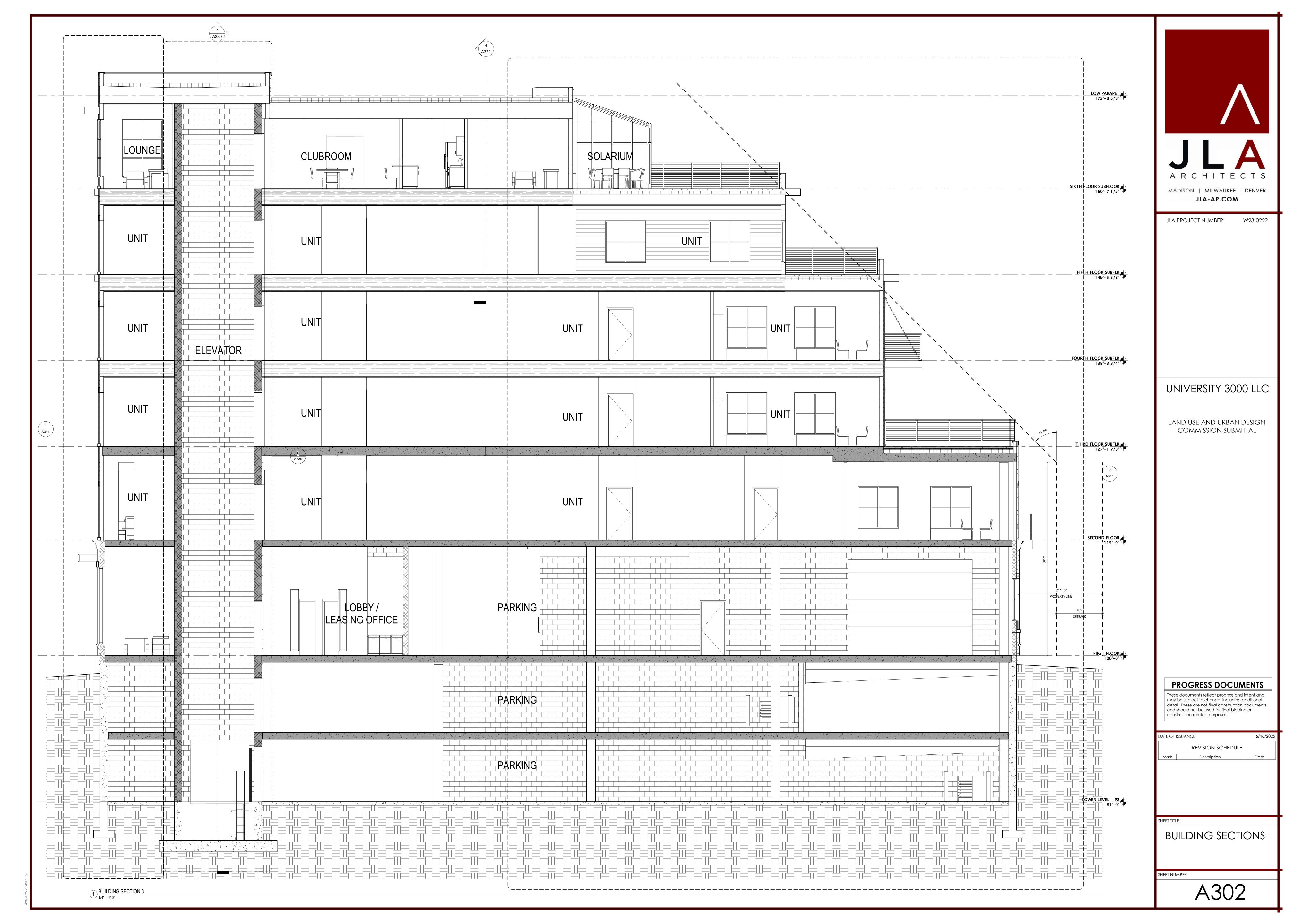
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DATE OF ISSUANCE 6/16/202

CLIEFT TITLE

BUILDING SECTIONS

SHEET NUMBER



| | | | | | | | | WAI | L DESIGNATIO | N | | |
|----------------------------------|-------|--------|------------|-------|----------|-----------|----------|-------------|--------------|-----------|----------|-----------|
| | | | | | NORTH | ELEVATION | SOUTH E | LEVATION | EAST ELE | VATION | WEST ELE | VATION |
| WINDOW/ STOREFRONT DESIGNATION | WIDTH | HEIGHT | # OF PANES | AREA | GLZ AREA | # WINDOW | GLZ AREA | # WINDOW | GLZ AREA | # WINDOW | GLZ AREA | # WINDOW |
| A -WINDOW - 5'-4"x 5'-6" | 5.0 | 5.2 | 4.0 | 25.9 | 2895.2 | 112.0 | 2429. | 9 94.0 | 878.9 | 34.0 | 827.2 | 32. |
| B -WINDOW - 3'-0"x 4'-0" | 2.7 | 3.7 | 1.0 | 9.9 | 79.0 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0. |
| C-STOREFRONT -6'-0" x 7'-0" | 5.7 | 6.7 | 2.0 | 38.2 | 878.4 | 23.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| D -PATIO DOOR - 6'-8" x 7'-0" | 6.3 | 6.7 | 2.0 | 42.4 | 2671.9 | 63.0 | 2290. | 2 54.0 | 254.5 | 6.0 | 381.7 | 9.0 |
| E -STOREFRONT - 5'-8" X 6'-6" | 5.7 | 6.5 | 2.0 | 36.8 | 846.2 | 23.0 | 0.0 | 0.0 | 147.2 | 4.0 | 110.4 | 3.0 |
| F -STOREFRONT - 6'-0"x 6'-6" | 6.0 | 6.5 | 2.0 | 39.0 | 390.0 | 10.0 | 156.0 | 0 4.0 | 0.0 | 0.0 | 156.0 | 4.0 |
| G -STOREFRONT - 5'-8" X 2'-10" | 5.7 | 2.8 | 2.0 | 16.0 | 367.1 | 23.0 | 0.0 | 0.0 | 63.8 | 4.0 | 47.9 | 3. |
| H - STOREFRONT - 6'-0" X 2'-10" | 6.0 | 2.8 | 2.0 | 16.8 | 201.6 | 12.0 | 67. | 2 4.0 | 0.0 | 1.0 | 117.6 | 7. |
| J - STOREFRONT - 6'-3" X 6'-6" | 6.3 | 6.5 | 2.0 | 40.95 | 40.95 | 1.0 | 0.0 | 0 | 0.0 | | 0.0 | |
| K - STOREFRONT - 6'-3" X 2'-10" | 6.3 | 2.8 | 2.0 | 17.64 | 17.64 | 1.0 | 0.0 | 0 | 0.0 | | 0.0 | |
| L - STOREFRONT - 3'-0" X 9'-10" | 3.0 | 9.8 | 1.0 | 29.4 | 29.4 | 1.0 | 0.0 | 0 | 0.0 | | 0.0 | |
| M - STOREFRONT - 6'-0" X 2'-10" | 3.0 | 2.8 | 1.0 | 8.4 | 8.4 | 1.0 | 0.0 | 0 | 0.0 | | 0.0 | |
| N - STOREFRONT - 5'-0" X 9'-2" | 5.0 | 9.2 | 1.0 | 46 | 92 | 2.0 | 0.0 | 0 | 46.0 | 1.0 | 0.0 | |
| O - STOREFRONT - 5'-0" X 9'-2" | 5.0 | 9.2 | 2.0 | 46 | 46 | 1.0 | 0.0 | 0 | 0.0 | | 0.0 | |
| Q - STOREFRONT - 2'-10" X 6'-6" | 2.8 | 6.5 | | 18.2 | 0 | | 0.0 | 0 | 18.2 | 1.0 | 0.0 | |
| R - STOREFRONT - 2'-10" X 2'-10" | 2.8 | 2.8 | | 7.84 | 0 | | 0.0 | 0 | 7.8 | 1.0 | 0.0 | |
| S - STOREFRONT - 6'-0" X 8'-0" | 6.0 | 8.0 | | 48 | 0 | | 0.0 | 0 | 0.0 | | 96.0 | 2. |
| T -WINDOW - 3'-0"x 3'-8" | 3.0 | 3.7 | | 11.1 | 0 | | 66.0 | 6.0 | 0.0 | | 0.0 | |
| | | | | 0 | 0 | | 0.0 | 0 | 0.0 | | 0.0 | |
| | | | | | 8127.7 | TOTAL GLZ | 4,876. | 1 TOTAL GLZ | 1,344.4 | TOTAL GLZ | 1,640.7 | TOTAL GLZ |
| | | | | | 24,392 | WALL AREA | 24,104.0 | 0 WALL AREA | 6,439.0 | WALL AREA | 6,499.0 | WALL AREA |
| | | | | | | % GLAZING | | 6 % GLAZING | 20.88% | % GLAZING | 25.25% | % GLAZING |



UNIVERSITY 3000 LLC

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Mark Description Date

HEET TITLE

BIRDGLASS CALCULATIONS

Sheet number

A820



NORTH ELEVATION - BIRD SAFE GLASS
1/16" = 1'-0"



2 EAST ELEVATION - BIRD SAFE GLASS
1/16" = 1'-0"

| BIRD GLASS CALCULATIONS 3/14/2025 | | | | | · 50+ 5Q I | T AND REQU | IKE A BIKD GLA | ZING SAFETT | STSTEIVI UN A | NIVIIIN. OF 85% | OF THE GLAZING | |
|-----------------------------------|---------|--------|------------|-------|------------|------------|----------------|-------------|---------------|-----------------|----------------|-----------|
| | | | | | | | | WAL | L DESIGNATIO | N | | |
| | | | | | NORTH | ELEVATION | SOUTH EL | EVATION | EAST ELE | EVATION | WEST ELE | EVATION |
| WINDOW/ STOREFRONT DESIGNATION | N WIDTH | HEIGHT | # OF PANES | AREA | GLZ AREA | # WINDOW | GLZ AREA | # WINDOW | GLZ AREA | # WINDOW | GLZ AREA | # WINDOW |
| A -WINDOW - 5'-4"x 5'-6" | 5.0 | 5.2 | 4.0 | 25.9 | 2895.2 | 112.0 | 2429.9 | 94.0 | 878.9 | 34.0 | 827.2 | 32. |
| B -WINDOW - 3'-0"x 4'-0" | 2.7 | 3.7 | 1.0 | 9.9 | 79.0 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0. |
| C-STOREFRONT -6'-0" x 7'-0" | 5.7 | 6.7 | 2.0 | 38.2 | 878.4 | 23.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0. |
| D -PATIO DOOR - 6'-8" x 7'-0" | 6.3 | 6.7 | 2.0 | 42.4 | 2671.9 | 63.0 | 2290.2 | 54.0 | 254.5 | 6.0 | 381.7 | 9. |
| E -STOREFRONT - 5'-8" X 6'-6" | 5.7 | 6.5 | 2.0 | 36.8 | 846.2 | 23.0 | 0.0 | 0.0 | 147.2 | 4.0 | 110.4 | 3. |
| F -STOREFRONT - 6'-0"x 6'-6" | 6.0 | 6.5 | 2.0 | 39.0 | 390.0 | 10.0 | 156.0 | 4.0 | 0.0 | 0.0 | 156.0 | 4. |
| G -STOREFRONT - 5'-8" X 2'-10" | 5.7 | 2.8 | 2.0 | 16.0 | 367.1 | 23.0 | 0.0 | 0.0 | 63.8 | 4.0 | 47.9 | 3 |
| H - STOREFRONT - 6'-0" X 2'-10" | 6.0 | 2.8 | 2.0 | 16.8 | 201.6 | 12.0 | 67.2 | 4.0 | 0.0 | 1.0 | 117.6 | 7. |
| J - STOREFRONT - 6'-3" X 6'-6" | 6.3 | 6.5 | 2.0 | 40.95 | 40.95 | 1.0 | 0.0 | | 0.0 |) | 0.0 | |
| K - STOREFRONT - 6'-3" X 2'-10" | 6.3 | 2.8 | 2.0 | 17.64 | 17.64 | 1.0 | 0.0 | | 0.0 |) | 0.0 | |
| L - STOREFRONT - 3'-0" X 9'-10" | 3.0 | 9.8 | 1.0 | 29.4 | 29.4 | 1.0 | 0.0 | | 0.0 |) | 0.0 | |
| M - STOREFRONT - 6'-0" X 2'-10" | 3.0 | 2.8 | 1.0 | 8.4 | 8.4 | 1.0 | 0.0 | | 0.0 |) | 0.0 | |
| N - STOREFRONT - 5'-0" X 9'-2" | 5.0 | 9.2 | 1.0 | 46 | 92 | 2.0 | 0.0 | | 46.0 | 1.0 | 0.0 | |
| O - STOREFRONT - 5'-0" X 9'-2" | 5.0 | 9.2 | 2.0 | 46 | 46 | 1.0 | 0.0 | | 0.0 |) | 0.0 | |
| Q - STOREFRONT - 2'-10" X 6'-6" | 2.8 | 6.5 | | 18.2 | 0 | | 0.0 | | 18.2 | 1.0 | 0.0 | |
| R - STOREFRONT - 2'-10" X 2'-10" | 2.8 | 2.8 | | 7.84 | 0 | | 0.0 | | 7.8 | 1.0 | 0.0 | |
| S - STOREFRONT - 6'-0" X 8'-0" | 6.0 | 8.0 | | 48 | 0 | | 0.0 | | 0.0 |) | 96.0 | 2. |
| T -WINDOW - 3'-0"x 3'-8" | 3.0 | 3.7 | | 11.1 | 0 | | 66.6 | 6.0 | 0.0 | | 0.0 | |
| | | | | 0 | 0 | | 0.0 | | 0.0 | | 0.0 | |
| | | | | | 8127.7 | TOTAL GLZ | 4,876.1 | TOTAL GLZ | 1,344.4 | TOTAL GLZ | 1,640.7 | TOTAL GLZ |
| | | | | | 24,392 | WALL AREA | 24,104.0 | WALL AREA | 6,439.0 | WALL AREA | 6,499.0 | WALL AREA |
| | | | | | 33.32% | % GLAZING | 20.23% | % GLAZING | 20.88% | % GLAZING | 25,25% | % GLAZING |



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CLIEFT TITLE

BIRDGLASS CALCULATIONS

SHEET NIIIAARED

A821



SOUTH ELEVATION - BIRD SAFE GLASS



WEST ELEVATION - BIRD SAFE GLASS

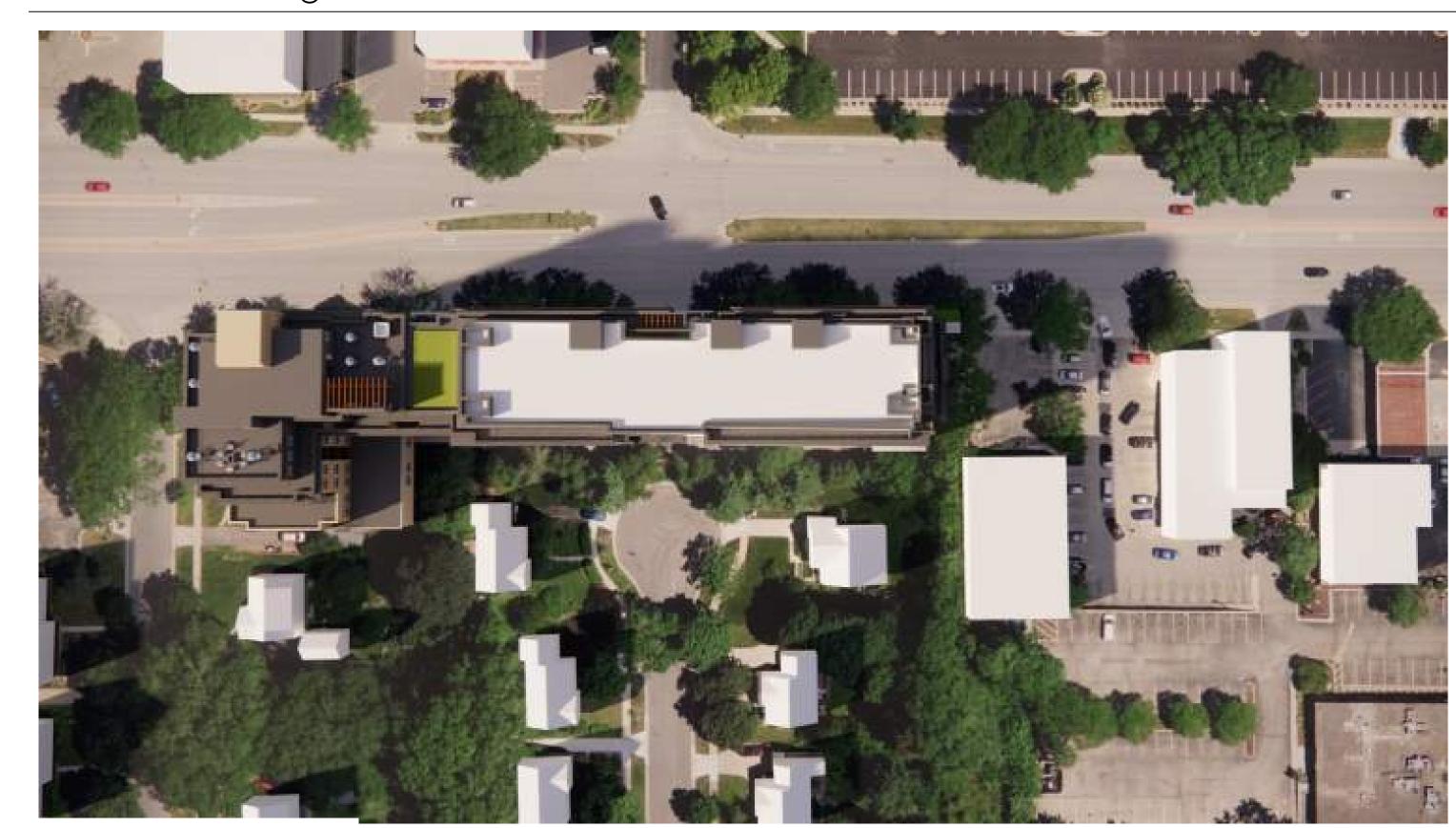
1/16" = 1'-0"



SHADOW ON SEPT 21ST @ 9AM



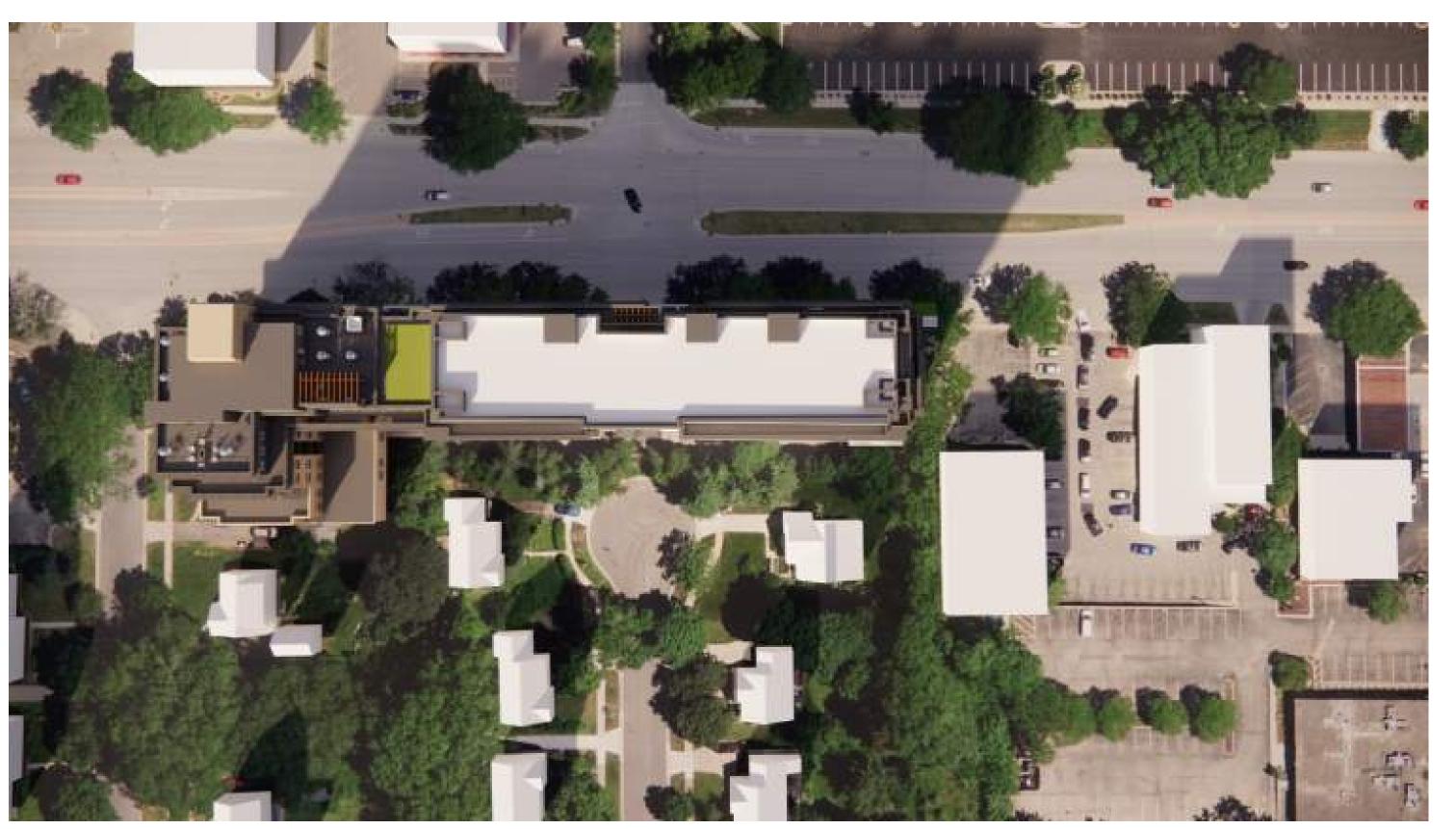
SHADOW ON SEPT 21ST @ 2PM



SHADOW ON SEPT 21ST @ 4PM



SHADOW ON DEC 21ST @ 9AM



SHADOW ON DEC 21ST @ 2PM



SHADOW ON DEC 21ST @ 4PM

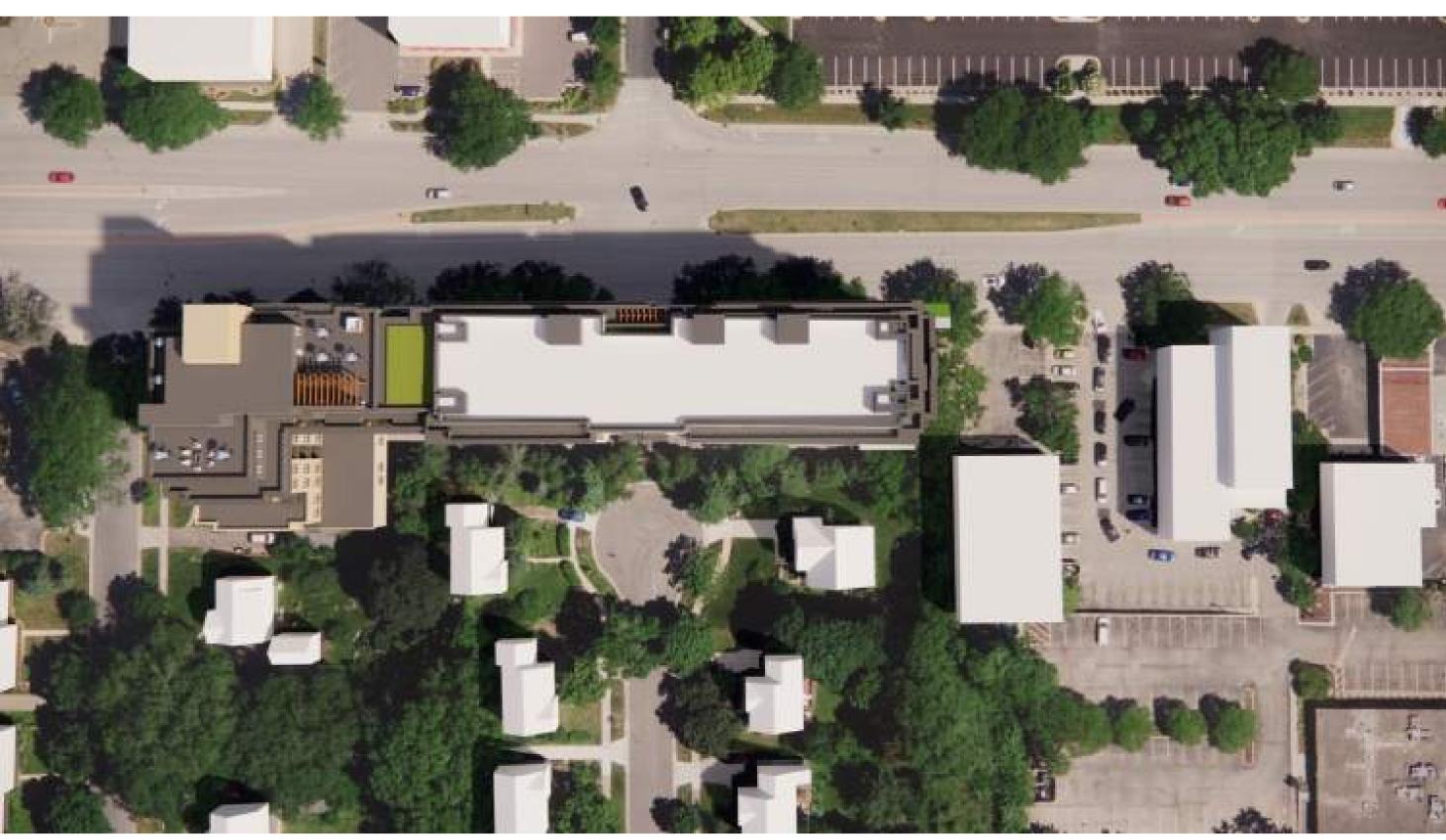


UNIVERSITY 3000 LLC

LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

DATE OF ISSUANCE REVISION SCHEDULE

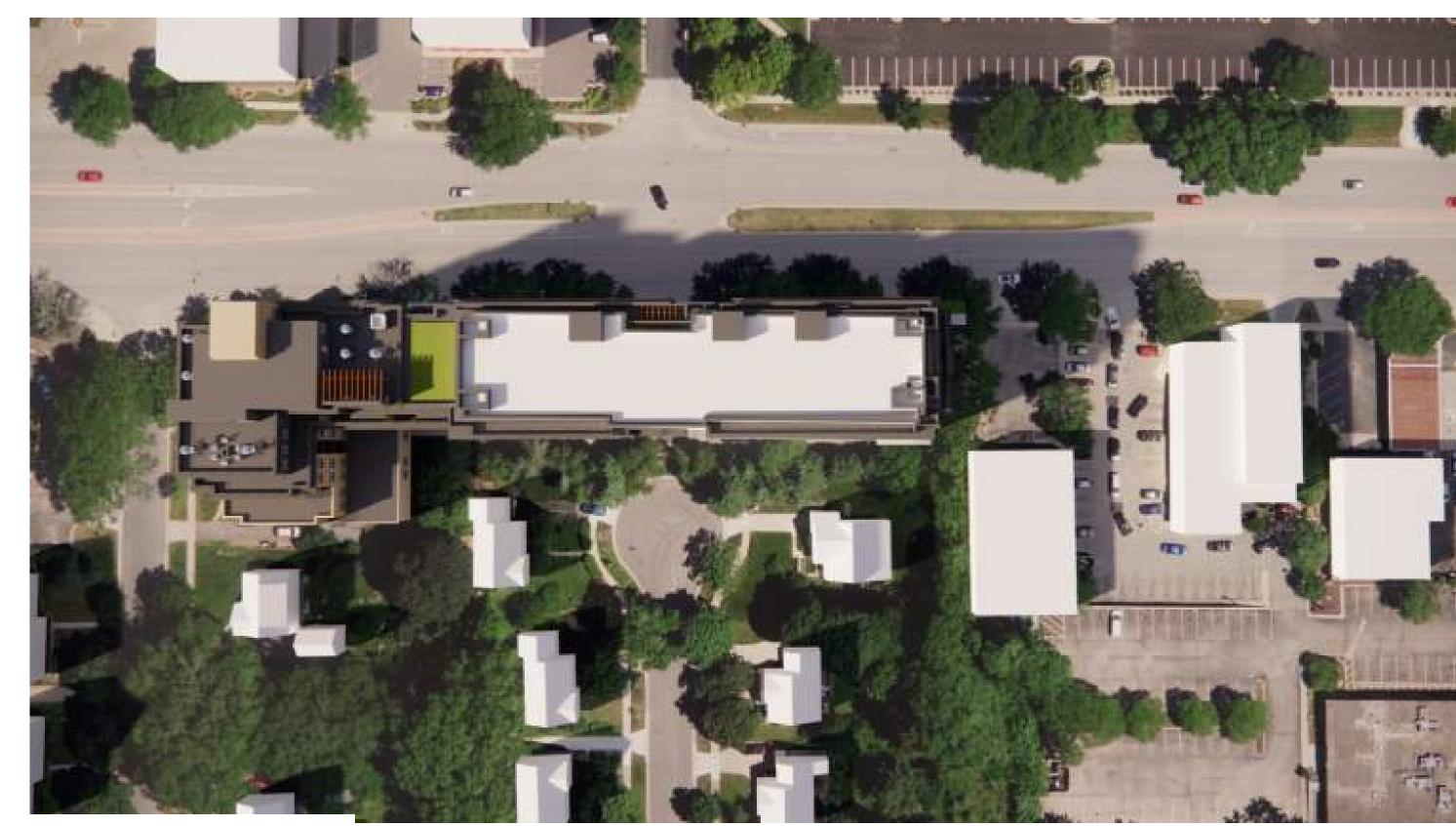
SHADOW STUDY



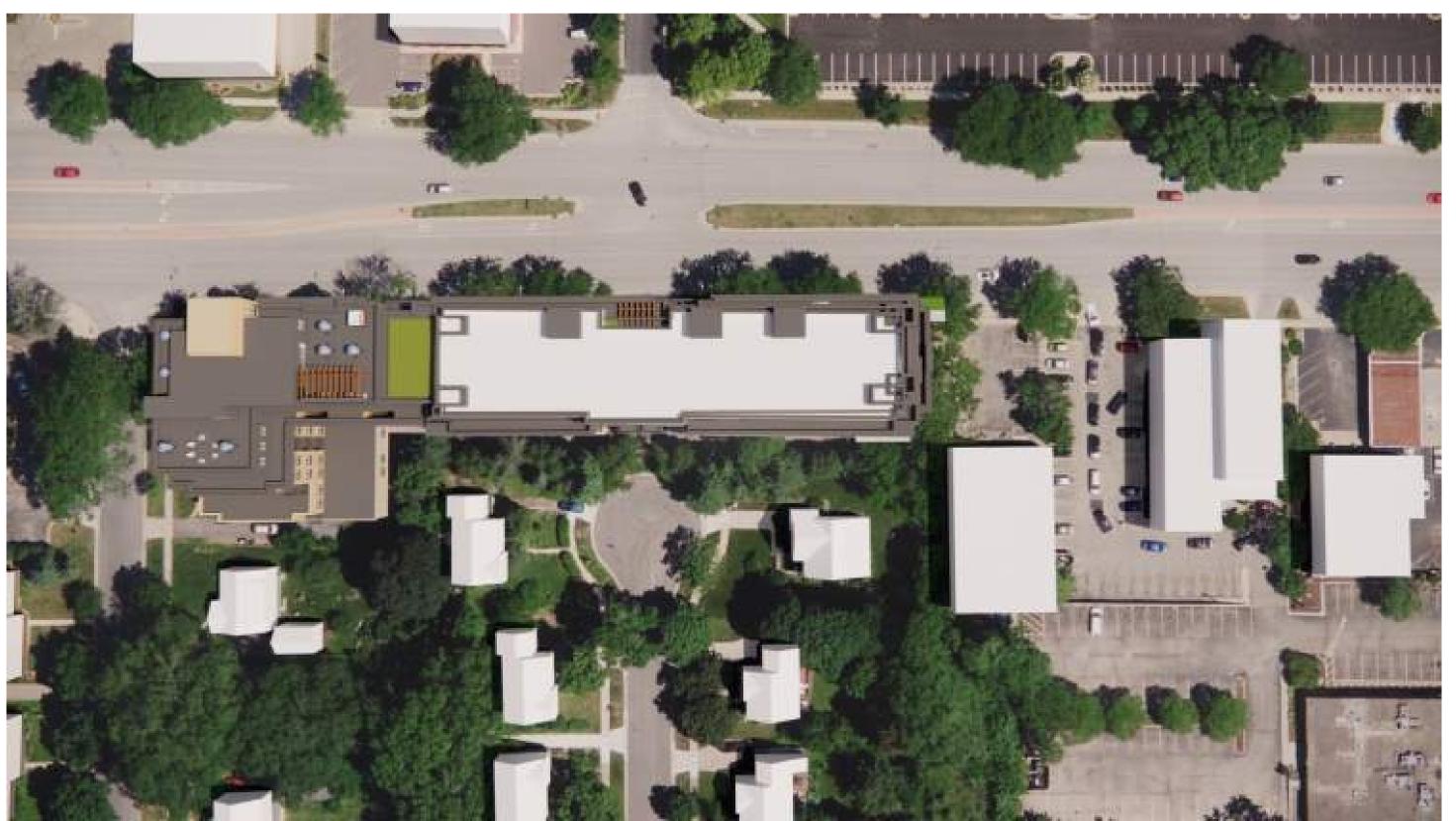
SHADOW ON MARCH 21ST @ 9AM



SHADOW ON MARCH 21ST @ 2PM



SHADOW ON MARCH 21ST @ 4PM



SHADOW ON JUNE 21ST @ 9AM



SHADOW ON JUNE 21ST @ 2PM



SHADOW ON JUNE 21ST @ 4PM



W23-0222

UNIVERSITY 3000 LLC

LAND USE AND URBAN DESIGN COMMISSION SUBMITTAL

| DATE OF | DATE OF ISSUANCE 6/ | | | | | | | | | |
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| | REVISION SCHEDULE | | | | | | | | | |
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SHEET TIT

SHADOW STUDY

EET NUMBER

WALL







EW46308-BK-UNV-3CCT Black

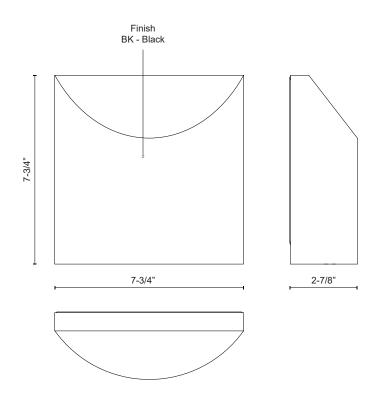
SPECIFICATION DETAILS

| Fixture Dimensions | W7-3/4" x H7-3/4" x E2-7/8" |
|------------------------|--|
| Height from center | 3-7/8" |
| Light Source | LED with DC Driver |
| Wattage | 20W |
| Total Lumens | 1680lm |
| Delivered Lumens | BK-1060lm* |
| Voltage | 120-277V |
| Color Temperature | Selectable CCT 3000K/4000K/5000K |
| CRI (Ra) | 90CRI |
| LED Rated Life | 50,000 hours |
| Dimming | 100% - 10%, TRIAC or ELV Dimmer (Not Included) |
| Glass Details | Clear Glass |
| ADA Compliant | Yes |
| Location | Wet, IP65 |
| Illumination Direction | Down |
| Mounting Style | Wall Mount, Down Only |
| Material | Aluminum + Glass |
| Paint Finish | BK02 |

 $[\]ensuremath{^{\star}}$ For custom options, consult factory for details.

DESCRIPTION

High power LED exterior wall mount fixture intended for use as a downlight. Lenox's die-cast aluminum housing is 8-inch square in its front view, but as the viewer moves to the side the fixture's profile becomes a gently swept curve suggestive of a water drop or perhaps a ship's sail filling with wind. Lenox aimed downwards through its polymeric diffuser lights both the mounting plane and floor. Lenox is available with black finish.



KUZCO

CANADA: 19054 28TH AVENUE - SURREY, BC V3Z 6M3 USA: 3035 E. LONE MOUNTAIN ROAD - LAS VEGAS, NV 89081

WWW.KUZCOLIGHTING.COM
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| COMMEN. | т |
|---------|---|





^{*} For warranty information, please visit www.kuzcolighting.com/warranty





| Catalog Number | | | |
|-------------------|--|--|--|
| Notes | | | |
| Туре | | | |

Contractor Select™

WPX LED

Wall packs

The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing full-cut off solution for both new construction and HID wall pack replacement/renovation opportunities. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life.

FEATURES:

- Architectural design at very economical prices
- Energy efficient payback in less than two years
- Wide range of configuration options available

Note: WPX3 lumen package and all the WPX configuration options are not included in the Contractor Select program. For more information, please visit $\underline{\text{WPX LED}}.$















| Luminaire | сст | Lumens | Input Watts | Photocell | Finish | Voltage | Catalog Number | CI Code | UPC | Pallet qty. | Replaces Up To |
|-----------|-----------------------------------|-------------|----------------|-------------------|----------------|----------|-------------------------------------|---------|--------------|----------------|----------------------|
| (WPX0) | SWW2 3000K/ 4000K/ 5000K | 850 - 1,650 | 6.4-13W | Switchable On/Off | DARK BRONZE | 120-277V | WPX0 LED ALO SWW2 MVOLT PE DDBXD M2 | *276U4U | 196182511806 | 280 | 70W Metal Halide |
| WPX1 | 4000K | 2,900 | 24W | N/A | DARK BRONZE | 120-277V | WPX1 LED P2 40K MVOLT DDBXD M4 | *265SWK | 193048870589 | 160 | 150W Metal Halide |
| WDV2 | 4000K | 6,000 | 47W | N/A | DARK BRONZE | 120-277V | WPX2 LED 40K MVOLT DDBXD M2 | *265SX3 | 193048870756 | 120 | 250W Metal Halide |
| WPX2 | 5000K | 6,000 | 47W | N/A | DARK BRONZE | 120-277V | WPX2 LED 50K MVOLT DDBXD M2 | *265SX6 | 193048870770 | 120 | 250W Metal Halide |

More configurations are available. Click here or visit www.acuitybrands.com and search for WPX LED.





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 WPX0, WPX1, WPX2 and WPX3 are ideal for replacing up to 70W, 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 with a min LED lumen maintenance of L86/100,000 hours. Color temperature (CCT) options of 3000K, 4000K and 5000K with minimum CRI of 70 (80 for WPX0). Electronic drivers ensure system power factor >90% and THD <20%. All luminaires have 6kV surge protection (Note: WPX1 LED P1 package and WPX0 comes with a standard surge protection rating of 2.5kV).

INSTALLATION:

WPX can be mounted directly over a standard electrical junction box. A port on the back surface allows poke-through conduit wiring on surfaces that don't have an electrical junction box. WPX1, WPX2 and WPX3 come with three 1/2 inch conduit ports on three sides that allow for surface conduit wiring. 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) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

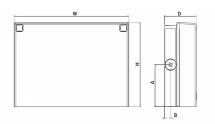
WARRANTY:

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.

Dimensions

All dimensions are inches (centimeters) unless otherwise indicated.



Front View

Side View

| Luminaire | Height (H) | Width (W) | Depth (D) | Side Cond | uit Location | Woight |
|--------------|--------------------|-------------------|----------------|-----------|--------------|--------------------|
| Luillillaire | neigiit (n) | wiatii (w) | veptii (v) | A | В | Weight |
| WPX0 | 5.75" (14.6 cm) | 5.5" (14.0 cm) | 2" (5.1 cm) | N/A | N/A | 2.5 lbs (1.1kg) |
| WPX1 | 8.1" | 11.1" | 3.2" | 4.0" | 0.6" | 6.1 lbs |
| | (20.6 cm) | (28.3 cm) | (8.1 cm) | (10.3 cm) | (1.6 cm) | (2.8kg) |
| WPX2 | 9.1" | 12.3" | 4.1" | 4.5" | 0.7" | 8.2 lbs |
| | (23.1 cm) | (31.1 cm) | (10.5 cm) | (11.5 cm) | (1.7 cm) | (3.7kg) |
| WPX3 | 9.5" | 13.0" | 5.5" | 4.7" | 0.7" | 11.0 lbs |
| | (24.1 cm) | (33.0 cm) | (13.7 cm) | (12.0 cm) | (1.7 cm) | (5.0kg) |



KBR8 LEDLED Specification Bollard



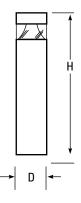


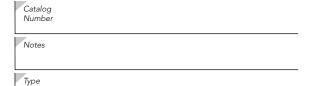
Specifications

8" Round (20.3 cm)

Height: 40"

Weight 27 lbs (max): (12.25 kg)





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

Introduction

The KBR8 Bollard is a stylish, fully integrated LED solution for walkways. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 70% in energy savings over comparable 100W metal halide luminaires, the KBR8 Bollard is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

| Orderi | ng Inform | ation | | | EXAM | 1PLE: KBR8 LED 1 | 6C 700 40K SYM I | MVOLT DDBXI |
|------------|---|---|---|--|--|--|---|---|
| KBR8 LED | | | | | | | | |
| Series | LEDs | Drive current | Color temperature | Distribution | Voltage | Control options | Other options | Finish (required) |
| (KBR8 LED) | Asymmetric 12C 12 LEDs 1 Symmetric 16C 16 LEDs 2 | 350 350 mA 450 450 mA ^{3,4} 530 530 mA 700 700 mA | 30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted AMBLW Amber limited wavelength 3.4 | ASY Asymmetric ¹ SYM Symmetric ² | MVOLT 5 120 5 208 5 240 5 277 5 347 4 | PE Photoelectric cell, button type DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) ELCW Emergency battery backup, CA Title 20 Noncompliant 6 | Shipped installed SF Single fuse (120, 277, 347V) ^{4,7} DF Double fuse (208, 240V) ^{4,7} H24 24" overall height H30 30" overall height H36 36" overall height FG Ground-fault festoon outlet L/AB Without anchor | DWHXD White DNAXD Natural aluminum DDBXD Dark bronze DBLXD Black DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured |
| | | | | | | | bolts (3 bolt base) L/AB4 4 bolt retrofit base without anchor bolts 8 | natural aluminum DWHGXD Textured white |

Accessories

Ordered and shipped separately

MRAB U Anchor bolts for KBR8 LED 8

NOTES

- 1 Only available in the 12C, ASY version.
- 2 Only available in the 16C, SYM version.
- 3 Only available with 450 AMBLW version.
- 4 Not available with ELCW.
- 5 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Not available with 347V. Not available with fusing. Not available with 450 AMBLW.
- Single fuse (SF) requires 120, 277, or 347 voltage option.
 Double fuse (DF) requires 208 or 240 voltage option.
- B MRAB U not available with L/AB4 option.



Performance Data

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%.

| Light | Drive | System | | 3000 | K | | | | 4000 | K | | | | 5000 | K | | | Limite | d Waveler | ngth A | ımbei | |
|------------------------|-----------|--------|--------|------|---|---|---|--------|------|---|---|---|--------|------|---|---|---|--------|-----------|--------|-------|---|
| Engines | Current | Watts | Lumens | LPW | В | U | G | Lumens | LPW | В | U | G | Lumens | LPW | В | U | G | Lumens | LPW | В | U | G |
| | 350 | 16 | 641 | 40 | 1 | 1 | 1 | 809 | 51 | 1 | 1 | 1 | 870 | 54 | 1 | 1 | 1 | | | | | |
| Asymmetric | 530 | 22 | 947 | 43 | 1 | 1 | 1 | 1,191 | 54 | 1 | 1 | 1 | 1,282 | 58 | 1 | 1 | 1 | | | | | |
| 3 Engines (12 LEDs) | 700 | 31 | 1,214 | 40 | 1 | 1 | 1 | 1,527 | 51 | 1 | 1 | 1 | 1,646 | 55 | 1 | 1 | 1 | | | | | |
| | Amber 450 | 16 | | | | | | | | | | | | | | | | 324 | 20 | 0 | 1 | 0 |
| | 350 | 20 | 888 | 44 | 1 | 0 | 0 | 1,116 | 56 | 1 | 0 | 0 | 1,203 | 60 | 1 | 0 | 0 | | | | | |
| Symmetric | 530 | 28 | 1,254 | 45 | 1 | 0 | 0 | 1,598 | 57 | 1 | 0 | 1 | 1,719 | 61 | 1 | 0 | 1 | | | | | |
| 4 Engines (16 LEDs) | 700 | 39 | 1,608 | 41 | 1 | 0 | 1 | 2,022 | 52 | 1 | 0 | 1 | 2,180 | 56 | 2 | 0 | 1 | | | | | |
| | Amber 450 | 20 | | | | | | | | | | | | | | | | 374 | 19 | 0 | 0 | 0 |

Note: Available with phosphor-converted amber LED's (nomenclature AMBPC). These LED's produce light with 97+% >530 nm. Output can be calculated by applying a 0.7 factor to 4000 K lumen values and photometric files.

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

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

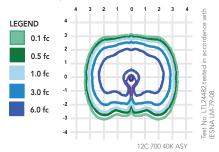
| Operating Hours | 0 | 25,000 | 50,000 | 100,000 |
|-----------------------------|------|--------|--------|---------|
| Lumen Maintenance Factor | 1.00 | 0.98 | 0.97 | 0.95 |

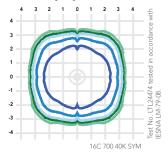
| Electr | ical Load | | | C | urrent (/ | A) | |
|------------------|-----------------------|-----------------|-------|-------|-----------|-------|-------|
| Light Engines | Drive Current (mA) | System Watts | 120 | 208 | 240 | 277 | 347 |
| | 350 | 16W | 0.158 | 0.118 | 0.114 | 0.109 | 0.105 |
| 120 | 530 | 22W | 0.217 | 0.146 | 0.136 | 0.128 | 0.118 |
| 120 | 700 | 31W | 0.296 | 0.185 | 0.168 | 0.153 | 0.139 |
| | Amber 450 | 16W | 0.161 | 0.120 | 0.115 | 0.110 | 0.106 |
| | 350 | 20W | 0.197 | 0.137 | 0.128 | 0.121 | 0.114 |
| 16C | 530 | 28W | 0.282 | 0.178 | 0.162 | 0.148 | 0.135 |
| 100 | 700 | 39W | 0.385 | 0.231 | 0.207 | 0.185 | 0.163 |
| | Amber 450 | 20W | 0.199 | 0.139 | 0.130 | 0.123 | 0.116 |

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's KBR8 Bollard homepage.

Isofootcandle plots for the KB LED Bollards. Distances are in units of mounting height (3').





FEATURES & SPECIFICATIONS

INTENDED USE

The rugged construction and clean lines of the KBA bollard is ideal for illuminating building entryways, walking paths, and pedestrian plazas, as well as any other location requiring a low mounting height light source with fully cutoff illumination.

CONSTRUCTION

One-piece 8-inch round extruded aluminum shaft with thick side walls for extreme durability, a high-impact clear acrylic lens and welded top cap. Die-cast aluminum mounting ring allows for easy leveling even in sloped locations and a full 360-degree rotation for precise alignment during installation. Three ½" x 11" anchor bolts with double nuts and washers and 3 ¾" bolt circle template ensure stability. Overall height is 42" standard.

FINISH

Exterior parts are protected by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering for maximum retention of gloss and luster. A tightly controlled multi-stage process ensures a minimum 3-mil thickness for a finish that can withstand the elements without cracking or peeling. Available in both textured and non-textured finishes.

OPTIC

Two fully cutoff optical distributions are available: symmetrical and asymmetrical. IP66 sealed LED light engine provides smoothly graduated illumination without any uplight. Light engines are available in standard 4000 K (>70 CRI) or optional 3000 K (>80 CRI) or 5000 K (67 CRI). Limited-wavelength amber LEDs are also available.

ELECTRICA

Light engines consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (L95/100,000 hours at 700mA at 25°C). Class 2 electronic drivers are designed for an expected life of 100,000 hours with <1% failure rate. Electrical components are mounted on a removable power tray.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for -40°C minimum ambient. Cold-weather emergency battery backup rated for -20°C minimum ambient.

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BĂBA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

Five-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

 $www.acuity brands.com/Customer Resources/Terms_and_conditions.aspx.$

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.







EYES 17 FOR HANDRAIL RECESSED

| E12 |) R | Ω | n | 2_ |
|-----|-----|----------|---|----|
| | 2 N | v | | - |

base number

Reflector Temperature Options

1.To build a product code in our configurator select the specify button on the base model # product page

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Eyes Handrail

Subseries: Eyes 17 for Handrail

Partner: Zaneen

Division: Exterior

Mounting Type: Recessed

Mounting Location: Handrail

Subcategory: Marker

PHYSICAL

Shape: Round

Diameter (mm): 17

Diameter (in): 11/16

Depth (mm): 17

Depth (in): 11/16 Weight (kg): 0.13

Light Distribution: Direct

Installation Requirement: Fixing springs

Diffuser: Extra clear glass 4mm

Fixture Finish: PSS

Fixture Material: Stainless Steel AISI 316L

Cable Details: 200 cm 2x0,5 mm2

Cut-out Measurements: 15mm / 9/16"

ELECTRICAL

Lamp Type: LED

Input Wattage (W): 2.33

Total Output Wattage (W): 1.05

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

Driver Included: No

Driver Location: Remote

Driver Type: Constant Current - Universal

Driver Class: Class 2

Housing: ENCP4

Input Voltage (V): 120 - 277

Output Voltage (V): 24

Constant Current (MA): 350

Number of LEDs: 1

Color Temperature (°K): 2200 / 2700 / 3000 / 4000

Max. Delivered Lumen (lm): 124 (3000K)

Nominal Lumen (lm): 150 (3000K)

CRI: >90 CRI

Lamp Life (hrs): 50000

Upon Request: RGB

OPTICAL

Reflector°: Asymetric / Symetric

RATINGS AND CERTIFICATIONS

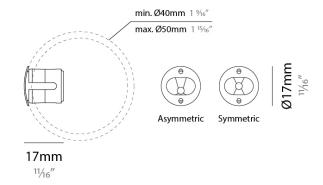
Certified By: Certified for North American Standards

IP rating: IP67

Marine Grade: Stainless Steel AISI 316L

| PROJECT | |
|-----------|--|
| TYPE | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |









| PROJECT | |
|-----------|--|
| ТҮРЕ | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |

FIXTURE Finish

Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

Physical: When texture is involved, there will be variations in color, character, and tone within a product series and between product families.



EYES 17 FOR HANDRAIL RECESSED

| PROJECT | | |
|-----------|--|--|
| TYPE | | |
| SPECIFIER | | |
| QUANTITY | | |
| DATE | | |

LEGEND

| 100 | | | | - | 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|----------------------|--|-----------|--|--------------|--|
| <u></u> | floor-mounted | ¥ | pivotable | ⊛ | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
| 7 | wall and ceiling: recessed and surface mounted | C | rotating | 0 | warm dim / natural dimming LED |
| \uparrow | ceiling-mounted and wall-mounted | Œ | illuminate tilted | 0 | rechargeable battery powered |
| \rightarrow | wall-mounted | I | color of suspension cable | THESE | fixture with natural vivid LED (upon request) |
| Y | omni-directional light distribution | 1 | length of suspension cable | CRI | color rendering index |
| À | direct light distribution | Δ | reflector degree selection | (K) | color temperature |
| X | direct/indirect light distribution | s s | super spot | ĹM | lumen (luminous flux) |
| M | indirect light distribution | * | lens | ₩ <u></u> | efficacy (lumens per watt) |
| | asymmetric light distribution | \otimes | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| $\overline{\Lambda}$ | aura light distribution | 0 | shine ring | * | marine grade (AISI 316 stainless steel) |
| R | round wall or ceiling cut-out | 0 | integrated shine ring with diffuser | 3 | walk on |
| Z√ | square wall or ceiling cut-out | | free individual colors 01-29 | ② | drive on |
| 4 | the supplied jig specifies the cutout dimensions | Ĉ | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC | Dark Sky Compliance |
| □ ←,+ | minimum distance (meters) lamp - object | ♦ | luminaire part to be colored (F1) | Ġ | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| \pm | recessed depth | | luminaire part to be colored (F2) | | lamp protected against explosion |
| <u></u> | ceiling thickness in mm | | luminaire part to be colored (F3) | | blown glass using traditional methods by master glass blower |
| 1 | ceiling thickness selection | | luminaire part to be colored (F4) | () | acoustic material |
| | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) | • | luminaire part to be colored (F5) | | protection class I, protection insulation |
| | included or excluded LED driver/transformer/ control gear | • | color of 3-circuit adaptor | | protection class II, protection insulation |
| み | separately switchable | \odot | indirect diffuser | . (1) | ETL Certified to UL and CSA Standards |
| • | sensor | 0 | direct diffuser | ։ (Մ) ու | UL Certified to UL and CSA Standards |
| | remote control | 1 | ball-proof (upon request) | (1) | CSA Certified to UL and CSA Standards |
| 9 | available upon request | O | accessory | (Z) | Certified for North American Standards |

IP RATING

| IP20 | protected against ingress of solid bodies greater than 12.5mm (finger) |
|------|---|
| IP33 | protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions |
| IP65 | protected against ingress of dust protected against jets of water |
| IP66 | protected against ingress of dust protected against powerful jets of water or heavy seas |
| IP67 | protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes |
| IP68 | protected against ingress of dust protected against immersion of water under pressure for long periods |

IK RATING

above the surface)

| \sim | above the samee) |
|--------|---|
| ІКОЗ | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| IK04 | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface) |
| IK05 | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
| IK06 | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface) |
| IK07 | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$ |
| IK08 | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
| IK09 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface) |

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)





| Catalog Number | |
|-------------------|--|
| Notes | |
| Туре | |

Contractor Select™

WPX LED

Wall packs

The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing full-cut off solution for both new construction and HID wall pack replacement/renovation opportunities. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life.

FEATURES:

- Architectural design at very economical prices
- Energy efficient payback in less than two years
- Wide range of configuration options available

Note: WPX3 lumen package and all the WPX configuration options are not included in the Contractor Select program. For more information, please visit $\underline{\text{WPX LED}}.$













| Luminaire | сст | Lumens | Input Watts | Photocell | Finish | Voltage | Catalog Number | CI Code | UPC | Pallet qty. | Replaces Up To |
|-----------|-----------------------------------|-------------|----------------|----------------------|-------------------|------------|-------------------------------------|----------|--------------|----------------|-------------------------|
| WPX0 | SWW2 3000K/ 4000K/ 5000K | 850 - 1,650 | 6.4-13W | Switchable On/Off | DARK BRONZE | 120-277V | WPX0 LED ALO SWW2 MVOLT PE DDBXD M2 | *276U4U | 196182511806 | 280 | 70W Metal Halide |
| (WPX1) | (4000K) | 2,900 | 24W | (N/A) | (DARK) BRONZE | (120-277V) | WPX1 LED P2 40K MVOLT DDBXD M4 | *265SWK) | 193048870589 | 160 | (150W Metal (Halide) |
| WPX2 | 4000K | 6,000 | 47W | N/A | DARK BRONZE | 120-277V | WPX2 LED 40K MVOLT DDBXD M2 | *265SX3 | 193048870756 | 120 | 250W Metal Halide |
| WPXZ | 5000K | 6,000 | 47W | N/A | DARK BRONZE | 120-277V | WPX2 LED 50K MVOLT DDBXD M2 | *265SX6 | 193048870770 | 120 | 250W Metal Halide |

More configurations are available. Click here or visit www.acuitybrands.com and search for WPX LED.





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 WPX0, WPX1, WPX2 and WPX3 are ideal for replacing up to 70W, 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 with a min LED lumen maintenance of L86/100,000 hours. Color temperature (CCT) options of 3000K, 4000K and 5000K with minimum CRI of 70 (80 for WPX0). Electronic drivers ensure system power factor >90% and THD <20%. All luminaires have 6kV surge protection (Note: WPX1 LED P1 package and WPX0 comes with a standard surge protection rating of 2.5kV).

INSTALLATION:

WPX can be mounted directly over a standard electrical junction box. A port on the back surface allows poke-through conduit wiring on surfaces that don't have an electrical junction box. WPX1, WPX2 and WPX3 come with three 1/2 inch conduit ports on three sides that allow for surface conduit wiring. 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) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

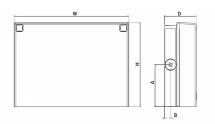
WARRANTY:

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.

Dimensions

All dimensions are inches (centimeters) unless otherwise indicated.



Front View

Side View

| Luminaire | Height (H) | Width (W) |) Depth (D) Side Conduit Location | | Woight | |
|--------------|--------------------|-------------------|-----------------------------------|-----------|----------|--------------------|
| Luillillaire | neigiit (n) | wiatii (w) | veptii (v) | A | В | Weight |
| WPX0 | 5.75" (14.6 cm) | 5.5" (14.0 cm) | 2" (5.1 cm) | N/A | N/A | 2.5 lbs (1.1kg) |
| WPX1 | 8.1" | 11.1" | 3.2" | 4.0" | 0.6" | 6.1 lbs |
| | (20.6 cm) | (28.3 cm) | (8.1 cm) | (10.3 cm) | (1.6 cm) | (2.8kg) |
| WPX2 | 9.1" | 12.3" | 4.1" | 4.5" | 0.7" | 8.2 lbs |
| | (23.1 cm) | (31.1 cm) | (10.5 cm) | (11.5 cm) | (1.7 cm) | (3.7kg) |
| WPX3 | 9.5" | 13.0" | 5.5" | 4.7" | 0.7" | 11.0 lbs |
| | (24.1 cm) | (33.0 cm) | (13.7 cm) | (12.0 cm) | (1.7 cm) | (5.0kg) |



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 $\frac{1}{2}$ "-3/4" and four $\frac{1}{2}$ " 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; high ambient (40° C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step MacAdam Ellipse; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

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.

 $\mathbf{UGR} - \underline{\mathbf{UGR}}$ is zero for fixtures aimed at nadir with a cut-offequal to or less than 60 deg, per CIE 117-1996 Discomfort Glare in Interior Lighting.

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

LUMEN MAINTENANCE — 70% lumen maintenance at 60,000 hours. L70/60,000 hours

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated. ENERGY STAR® certified product. Drivers are RoHS compliant

GOVERNMENT PROCUREMENT — BAA — Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

 $Please\ refer\ to\ \underline{www.acuitybrands.com/buy-american}\ for\ additional\ information.$

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

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

PERFORMANCE DATA

| LDN6 3500K AR LSS 80CRI | | | | | | | |
|-------------------------|--------|---------|------|--|--|--|--|
| Nominal Lumens | Lumens | Wattage | Lm/W | | | | |
| 500 | 527.9 | 5.8 | 90.5 | | | | |
| 750 | 758.1 | 8.9 | 85.1 | | | | |
| 1000 | 950.1 | 10.4 | 91.0 | | | | |
| 1500 | 1514 | 17.5 | 86.4 | | | | |
| 2000 | 2006 | 22.5 | 89.1 | | | | |
| 2500 | 2504 | 28.3 | 88.6 | | | | |
| 3000 | 3021 | 34.8 | 86.9 | | | | |
| 4000 | 4008 | 44.3 | 90.6 | | | | |
| 5000 | 4975 | 57.7 | 86.3 | | | | |

Notes

- Tested in accordance with IESNA LM-79-08.
- $\bullet \, \text{Tested to current IES and NEMA standards under stabilized laboratory conditions}.$
- CRI: 80 typical.















| Catalog Number | | |
|-------------------|--|--|
| Notes | | |
| Туре | | |

LDN6 STATIC WHITE

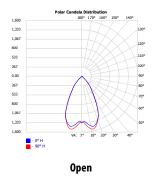


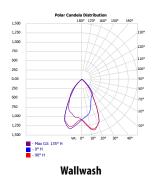




Open Trim Wallwash Trim

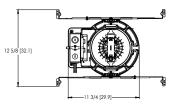
DISTRIBUTIONS

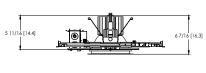




DIMENSIONS

LDN6 500-3000 Lumens

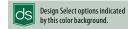




Ceiling Cutout: Ø 7-1/8" [18.1] Self-flanged Overlap Trim: Ø 7-1/2" [19.1]

See page 4 for other fixture dimensions

DOWNLIGHTING LDN6



Example: LDN6 35/15 LO6 AR LSS MVOLT EZ10

ORDERING INFORMATION

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

| LDN6 | | | | | | | |
|--------------|---|--|-------------------------------|-------------|--|--|---|
| Series | Color temperature | Lumens ‡ | Trim Style | Trim Color | Trim Finish | Flange Color ‡ | Voltage |
| LDN6 6"round | 27/ 2700K 30/ 3000K 35/ 3500K 40/ 4000K 50/ 5000K | 05 500 lumens 07 750 lumens 10 1000 lumens 15 1500 lumens 20 2000 lumens 25 2500 lumens 30 3000 lumens 40 4000 lumens 50 5000 lumens | LO6 Downlight LW6 Wallwash | AR Clear WR | LSS Semi-specular LD Matte diffuse LS Specular | TRW White painted flange TRBL Black painted flange FCPC Custom painted flange only FRALTBD RAL painted flange only | MVOLT Multi-volt 120 120V 277 277V 347 ‡ 347V |

| Driver | Emergency ‡ | Control Input ‡ | Options |
|---|---|-----------------------------------|--|
| GZ10 0-10V driver dims to 10% GZ1 0-10V driver dims to 1% D10 Minimum dimming 10% driver for use with J0T D1 Minimum dimming 1% driver for use with J0T EZ1 0-10V eldoLED driver with smooth and flicker- free deep dimming performance down to 1% EDAB eldoLED DALI SOLDRIVE dim to dark | (blank) No Emergency Needed EL Battery pack (10W constant power), non-T20 compliant, integral test switch ELR Battery pack (10W constant power), non-T20 compliant, remote test switch ELSD Self-diagnostic battery pack (10W constant power), non-T20 compliant, integral test switch ELRSD Self-diagnostic battery pack (10W constant power), non-T20 compliant, remote test switch E10WCP Battery pack (10W constant power), T20 compliant, integral test switch E10WCPR Battery pack (10W constant power), T20 compliant, remote test switch E10WRSTAR Emergency battery pack, 10W with remote test switch and lota STAR technology | (blank) No Control Input Needed | HAO ‡ CP‡ RRL RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAF, and RRLC12S. BAA Buy America(n) Act and/or Build America Buy America Qualified 90CRI SF‡ Single fuse |

| | ‡ Option Value Ordering Restrictions |
|--|--|
| Option value | Restriction |
| Lumens | Overall height varies based on lumen package; refer to dimensional chart. |
| WR, BR | Not available with finishes. |
| 347 | Not available with emergency options. |
| SF | Must specify voltage 120V or 277V. |
| TRW, TRBL | Available with clear (AR) reflector only. |
| EL, ELR, ELSD, ELRSD, E10WCP, E10WCPR | 12.5" of plenum depth or top access required for battery pack maintenance. |
| NPP16D, NPP16DER, NPS80EZ, NPS80EZER | Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed. See UL 924 Sequence of Operation table. |
| N80 | Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZ ER. Only available with EZ1 drivers. |
| NLTAIR, NLTAIR2, NLTAIRER2, NLTAIREM2 | Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options. not recommended for metal ceiling installations. |
| HAO | Fixture height is 6.5" for all lumen packages with HAO. |
| СР | Must specify voltage for 3000lm and above. 5000lm with marked spacing 24 L x 24 W x 14 H. Not available with emergency battery pack option. |
| JOT | Must specify D10 or D1 driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation. Not for use with emergency backup power systems other than battery packs. |
| Reloc® Options | Refer to RRL specification sheet on acuitybrands.com for further details. |
| RRLAE | Commercial fixtures should disconnect the TSPL before unplugging the RRL so it does not go into discharge mode. |
| RRLC12S | RRLC12S option is to be used with the OnePass OCU, OCS, OD, OFC and OD for 0-24V integrated single-circuit or 0-10V low voltage controls applications. Not available with integral dimming sensors. |
| TRALTBD, FRALTBD | RALTBD for pricing only. Replace with applicable RAL number and finish when ready to order. See the RAL BROCHURE for available color options. |
| TCPC, FCPC | CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click HERE for more details |
| E10WRSTAR | Not available with wet location, EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, ALO3 & ALO4 w/DAL1, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch |

| Accessories: 0 | rder as separate catalog number. | | |
|----------------|--|------|--|
| EAC ISSM 375 | Compact interruptible emergency AC power system | SCA6 | Sloped Ceiling Adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 20D, 20D, 20D, 20D, 20D, 20D, 20 |
| EAC ISSM 125 | Compact interruptible emergency AC power system | | 25D, 30D). Ex: SCA6 10D |
| GRA68 JZ | Oversized trim ring with 8" outside diameter | | |



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 112.)



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+ | ILBHI CP10 HE SD A+ 10W | | 1200 | 347-480V AC Input, Title 20, Self Diagnostic |
| ILBHI CP15 HE SD A+ | 15W 90 1800 347-480V AC Input, Title 20, 1 | | 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.



 $^{{\}bf *Minimum\ delivered\ lumen\ output\ to\ assist\ in\ product\ selection\ for\ increased\ fixture\ mounting\ height.}$

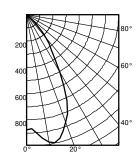
The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.

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

PHOTOMETRY

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

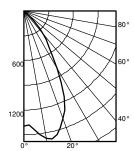
LDN6 35/10 L06AR, input watts: 10.44, delivered lumens: 987.10, LM/W = 94.54, spacing criterion at 0 = 1.02, test no. ISF 30716P262.



| | Ave | Lumens | Zone Lumens % Lamp |
|----|-----|--------|----------------------|
| 0 | 876 | | 0°-30° 680.7 69.0 |
| 5 | 905 | 89 | 0°-40° 895.0 90.7 |
| 15 | 971 | 269 | 0°-60° 986.0 99.9 |
| 25 | 720 | 322 | 0°-90° 987.0 100.0 |
| 35 | 330 | 214 | 90°-120° 0.0 0.0 |
| 45 | 110 | 87 | 90°-130° 0.0 0.0 |
| 55 | 1 | 4 | 90° - 150° 0.0 0.0 |
| 35 | 1 | 1 | 90° - 180° 0.0 0.0 |
| 75 | 0 | 0 | 0°-180° 987.0 *100.0 |
| 35 | 0 | 0 | *Efficiency |
| | | | |

| | | 50% be | | 10% be 82.2 | |
|----------|-----------|----------|------|----------------|-----|
| | Inital FC | | | | |
| Mounting | Center | | | | |
| Height | Beam | Diameter | FC | Diameter | FC |
| 8.0 | 29.0 | 5.7 | 14.5 | 9.6 | 2.9 |
| 10.0 | 15.6 | 7.7 | 7.8 | 13.1 | 1.6 |
| 12.0 | 9.7 | 9.8 | 4.9 | 16.6 | 1.0 |
| 14.0 | 6.6 | 11.8 | 3.3 | 20.1 | 0.7 |
| 16.0 | 4.8 | 13.9 | 2.4 | 23.6 | 0.5 |

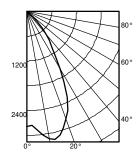
LDN6 35/15 L06AR, input watts: 17.52, delivered lumens: 1572.9, LM/W = 89.77, spacing criterion at 0 = 1.02, test no. ISF 30716P265.



| | Ave | Lumens | Zone | Lumens | % Lamp |
|----|------|--------|------------|------------|--------|
| 0 | 1396 | | 0°-30° | 1084.6 | 69.0 |
| 5 | 1442 | 142 | 0°-40° | 1426.2 | 90.7 |
| 15 | 1547 | 429 | 0°-60° | 1571.3 | 99.9 |
| 25 | 1147 | 514 | 0°-90° | 1572.9 | 100.0 |
| 35 | 526 | 342 | 90° - 120° | 0.0 | 0.0 |
| 45 | 176 | 139 | 90° - 130° | 0.0 | 0.0 |
| 55 | 2 | 6 | 90° - 150° | 0.0 | 0.0 |
| 65 | 1 | 1 | 90° - 180° | 0.0 | 0.0 |
| 75 | 1 | 1 | 0°-180° | 1572.9 | *100.0 |
| 85 | 0 | 0 | * | Efficiency | |
| 90 | 0 | | | | |

| | | 50% be | eam - | 10% be | am - | |
|----------|-----------|----------|-------|----------|------|--|
| | | 54.5 | 5° | 82.2 | 0 | |
| | Inital FC | | | | | |
| Mounting | Center | | | | | |
| Height | Beam | Diameter | FC | Diameter | FC | |
| 8.0 | 46.2 | 5.7 | 23.1 | 9.6 | 4.6 | |
| 10.0 | 24.8 | 7.7 | 12.4 | 13.1 | 2.5 | |
| 12.0 | 15.5 | 9.8 | 7.7 | 16.6 | 1.5 | |
| 14.0 | 10.6 | 11.8 | 5.3 | 20.1 | 1.1 | |
| 16.0 | 7.7 | 13.9 | 3.8 | 23.6 | 8.0 | |
| | | | | | | |

LDN6 35/30 LO6AR, input watts: 34.75, delivered lumens: 3138.5, LM/W = 90.31, spacing criterion at 0 = 1.02, test no. ISF 30716P274.



| | Ave | Lumens | Zone | Lumens | % Lamp |
|----|------|--------|------------|------------|--------|
| 0 | 2786 | | 0°-30° | 2164.3 | 69.0 |
| 5 | 2877 | 284 | 0°-40° | 2845.9 | 90.7 |
| 15 | 3087 | 855 | 0°-60° | 3135.3 | 99.9 |
| 25 | 2289 | 1025 | 0°-90° | 3138.5 | 100.0 |
| 35 | 1049 | 682 | 90° - 120° | 0.0 | 0.0 |
| 45 | 350 | 277 | 90° - 130° | 0.0 | 0.0 |
| 55 | 5 | 12 | 90° - 150° | 0.0 | 0.0 |
| 65 | 2 | 2 | 90° - 180° | 0.0 | 0.0 |
| 75 | 1 | 1 | 0°-180° | 3138.5 | *100.0 |
| 85 | 0 | 0 | * | Efficiency | |
| 90 | 0 | | | | |
| | | | | | |

| | 50% beam - | | | |
|-----------|--|------|--|-------------|
| Inital FC | | | | |
| Center | | | | |
| Beam | Diameter | FC | Diameter | FC |
| 92.1 | 5.7 | 46.1 | 9.6 | 9.2 |
| 49.5 | 7.7 | 24.8 | 13.1 | 5.0 |
| 30.9 | 9.8 | 15.4 | 16.6 | 3.1 |
| 21.1 | 11.8 | 10.5 | 20.1 | 2.1 |
| 15.3 | 13.9 | 7.6 | 23.6 | 1.5 |
| | Center Beam 92.1 49.5 30.9 21.1 | 54.5 | Sample S | S4.5 S2.2 |

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 = Ouput 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.

| LUMEN OUTPUT MUL | TIPLIERS - FI | NISH | |
|---------------------|---------------|------------|------------|
| | Clear (AR) | White (WR) | Black (BR) |
| Specular (LS) | 1.0 | N/A | N/A |
| Semi-specular (LSS) | 0.950 | N/A | N/A |
| Matte diffuse (LD) | 0.85 | N/A | N/A |
| Painted | N/A | 0.87 | 0.73 |

| LUMEN OUTPUT N | MULTIPLIERS - CRI |
|----------------|-------------------|
| 80 | 1.0 |
| 90 | 0.874 |

Notes

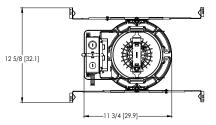
- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

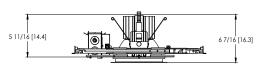
| LUMEN OUTPUT MULTIPLIERS - CCT | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|
| | 2700K | 3000K | 3500K | 4000K | 5000K |
| 80CRI | 0.950 | 0.966 | 1.000 | 1.025 | 1.101 |



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

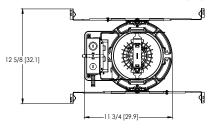
LDN6 500-3000 Lumens

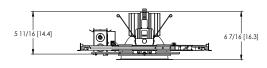




Aperture: Ø 6-1/4" [15.9] Ceiling Cutout: Ø 7-1/8" [18.1] Self-flanged Overlap Trim: Ø 7-1/2" [19.1]

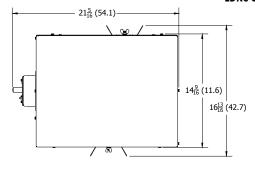
LDN6 4000-5000 Lumens

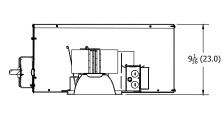




Marked Spacing: 24" x 24" x 10" Aperture: Ø 6-1/4" [15.9] Ceiling Cutout: Ø 7-1/8" [18.1] Self-flanged Overlap Trim: Ø 7-1/2" [19.1]

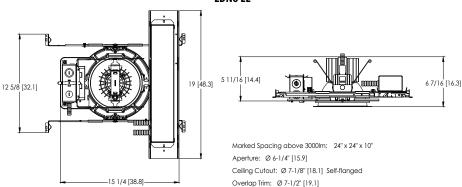
LDN6 CP





Aperture: 6-1/4 (15.9) Ceiling Opening: 7-1/8 (18.1) Overlap Trim: 7-1/2 (19.1)

LDN6 EL



ADDITIONAL DATA



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

Diagram







LDN6 Series





Sensor Switch WSXA JOT

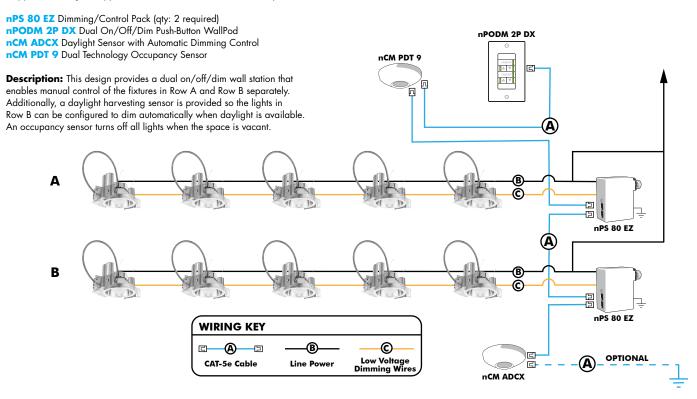
- 1. Power: Install JOT enabled fixtures and controls as
- 2. Pair: Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
- **3. Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

| (| OMPATIBLE 0-10V WALL-MOUNT DIMMERS | |
|----------------------------|---|----------------------------|
| MANUFACTURER | PART NO. | POWER BOOSTER AVAILABLE |
| | Diva® DVTV | |
| Lutron® | Diva® DVSCTV | |
| Lutton | Nova T® NTFTV | |
| | Nova® NFTV | |
| | AWSMT-7DW | CN100 |
| | AWSMG-7DW | PE300 |
| Leviton® | AMRMG-7DW | |
| | Leviton Centura Fluorescent Control System | |
| | IllumaTech® IP7 Series | |
| | ISD BC | |
| Synergy® | SLD LPCS | RDMFC |
| | Digital Equinox (DEQ BC) | |
| Douglas Lighting Controls | WPC-5721 | |
| | Tap Glide TG600FAM120 (120V) | |
| Entertainment Technology | Tap Glide Heatsink TGH1500FAM120 (120V) | |
| | Oasis 0A2000FAMU | |
| Honeywell | EL7315A1019 | EL7305A1010 |
| noneywen | EL7315A1009 | (optional) |
| | Preset slide: PS-010-IV and PS-010-WH | |
| | Preset slide: PS-010-3W-IV and PS-010-3W-WH | |
| HUNT Dimming | 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 | C-010-3W-IV and |
| | 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.



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 WallpodFull color touch screen provides a sophisticated look and feel

| | nLight [®] | Wired Controls Accessories | : |
|--------------------------|------------------------------|---|--------------------------------------|
| Order as separate catalo | og number. Visit <u>www.</u> | 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, CATS 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 WH1 |

Notes

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



nLight AIR rPODB 2P DX



Mobile Device