URBAN DESIGN COMMISSION APPLICATION

UDC

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

FOR OFFICE USE ONLY:

Date Received _____ ☐ Initial Submittal

Paid _____ ☐ Revised Submittal

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

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

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

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

1. Project Information

Address (list all addresses on the project site): 1601 & 1617 Sherman Ave

Title: 1617 Sherman Ave Apartments

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

UDC meeting date requested 03/01/2023

☑ New development ☐ Alteration to an existing or previously-approved development

☐ Informational ☐ Initial Approval ☑ Final Approval

3. Project Type

☐ Project in an Urban Design District

☐ Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)

☐ Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)

☐ Planned Development (PD)

- ☐ General Development Plan (GDP)
- ☐ Specific Implementation Plan (SIP)

☑ Planned Multi-Use Site or Residential Building Complex

Signage

☐ Comprehensive Design Review (CDR)

☐ Modifications of Height, Area, and Setback

☐ Sign Exceptions as noted in Sec. 31.043(3), MGO

Other

☐ Please specify

4. Applicant, Agent, and Property Owner Information

Applicant name Darrin Jolas Company Vermilion Acquisitions, LLC

Street address 121 Wacker Dr, Ste 400 City/State/Zip Chicago, IL 60601

Telephone 312-239-3536 Email darrin.jolas@vermiliondeveloment.com

Project contact person Same as above Company _____

Street address _____ City/State/Zip _____

Telephone _____ Email _____

Property owner (if not applicant) Tenney Place Development, LLC

Street address 639 S. Main St ste 103 City/State/Zip DeForest, WI 53532

Telephone _____ Email _____

URBAN DESIGN COMMISSION APPROVAL PROCESS

UDC

Introduction

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

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

Types of Approvals

There are three types of requests considered by the UDC:

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

Presentations to the Commission

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

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

URBAN DESIGN DEVELOPMENT PLANS CHECKLIST

UDC

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

1. Informational Presentation

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

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

Requirements for All Plan Sheets

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

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

2. Initial Approval

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

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

3. Final Approval

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

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

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

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

5. Required Submittal Materials

☑ **Application Form**

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

☑ **Letter of Intent**

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

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

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

☑ **Electronic Submittal**

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

☑ **Notification to the District Alder**

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

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Informational UDC meeting on 10/26/2022.
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 Darrin Jolas Relationship to property Developer

Authorizing signature of property owner Mikel J. Schaefer Date 1/18/2023

7. Application Filing Fees

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

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

☐ Urban Design Districts: $350 *(per §33.24(6) MGO)*.

☐ Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : $150 *(per §33.24(6)(b) MGO)*

☐ Comprehensive Design Review: $500 *(per §31.041(3)(d)(1)(a) MGO)*

☐ Minor Alteration to a Comprehensive Sign Plan: $100 *(per §31.041(3)(d)(1)(c) MGO)*

☐ All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for Sign Modifications (of height, area, and setback), and additional sign code approvals: $300 *(per §31.041(3)(d)(2) MGO)*

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

— Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)

— Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)

— Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)

X Planned Multi-Use Site or Residential Building Complex

January 17, 2023

To: City of Madison Common Council
City of Madison Plan Commission
City of Madison Urban Design Commission
Madison Municipal Building
215 Martin Luther King Jr. Blvd
Madison, Wisconsin 53703
Via email only: pcapplications@cityofmadison.com
udcapplications@cityofmadison.com

From: Darrin Jolas, Vermilion Acquisitions, LLC
Doug Hursh, Potter Lawson, Inc.

Re: Letter of Intent for a Proposed Residential Development
Zoning Change for 1601 & 1617 West Sherman Ave

The following is submitted together with the plans, Land Use Application and Zoning Text, for the rezoning of the site from Suburban Employment to Transitional Residential – Urban 2 (TR-U2).

Project Team
Developer: Vermilion Development LLC
Owner: Tenney Place Development LLC
Architect: Potter Lawson, Inc.
Civil Engineer: Wyse Engineering
Landscape Architect: Figure Ground Landscaping
Arborist: Bruce Allison, Allison Tree LLC
Traffic Engineer: TADI, Inc.
Planning Consultant: Urban Assets
Architectural Preservation Consultant: Isthmus Architecture, Inc.

Overall Project Data (Three Development Lot Data Only)
Current Zoning District: Suburban Employment
Rezoning from SE to Transitional Residential – Urban 2 (TR-U2) to allow for multifamily
Demolition Permit Required
Aldermanic District 12: Prior Alder was Syed Abbas who left midway through project development
Alder Brian Benford (District 6) has provided support and guidance in Aldermanic absence
Total Building Area: 437,093 square feet
Total Units: 331
Efficiency = 78, 1 BR = 165, 2 BR = 84, 3 BR = 4
Total Parking: 400
Parking Ratio: 1.21
Enclosed Parking: 364
Surface Parking: 36

EV Vehicle Ready = 41, EV Vehicle Installed = 10
Height: 1 - 5-stories (57'6" as measured from the first-floor level)
Total Bike Stalls: 365
Bike Stalls covered: 329
Bike Stalls Surface: 36
Total Area: 306,464 sq.ft., 7.0354 ac
Density (dwelling units per acre) = 47
Usable Open Space: 73,000 sq.ft.
Impervious Area: 156,799 sq.ft.

Overall Project Overview and Design Narrative

Located at 1601 and 1617 Sherman Avenue, the project site is the current location of an office building and surface parking lot that is leased by My Choice Wisconsin. The existing building was analyzed for historic significance and adaptive reuse as a residential building and was deemed incompatible with residential development on the basis of architectural significance, column-placement/structural systems, mechanical/building systems, improper entrance, and site drainage issues impacting the neighboring properties that led to an unfavorable cost-benefit analysis on the part of the development team. The "Emerson East-Eken Park-Yahara Neighborhood Plan" was used as the guiding document for the proposed demolition of the existing structure, residential use, project density, and inclusion of neighborhood connectivity that have been embraced and included throughout this project.

The site is surrounded by existing multifamily developments (Yahara Landing and River's Edge Apartments) to the southeast, the Sherman Terrace Condominiums to the north, the community of Maple Bluff to the northwest, Filene Park and Lake Mendota to the west, and the Yahara River and Tenney Park to the south. The plan will add to these surrounding community assets by creating additional density in the form of 331 apartments and townhomes, automobile and bike parking spaces, and supportive community amenities for these new residents. The project will benefit from the soon to be implemented Metro Network Redesign with improved route frequency on Johnson Street and access to the BRT on East Washington Avenue.

The design intends to create a variety of multifamily residences ranging from studio to 3-bedrooms in size, located in five different buildings with two distinct building types.

The project will dedicate 1.53 acres of land to the City of Madison in the form of a to-be-constructed road and two (2) supporting detention basins. This road, hardscaping, landscaping and detention basins, will be constructed by the developer at the developer's expense, to the design standards of the Engineering Division, then dedicated to the City of Madison. This road is intended to provide a meaningful portion of the connectivity desired by the neighborhood and staff as identified in the aforementioned neighborhood plan.

Building A - Project Data

Current Zoning District: Suburban Employment
Rezoning from SE to Transitional Residential – Urban 2 (TR-U2) to allow for multifamily
Demolition Permit Required
Aldermanic District 12: Prior Alder was Syed Abbas who left midway through project development
Alder Brian Benford (District 6) has provided support and guidance in Aldermanic absence
Total Building Area: 234,126 square feet
Total Units: 184
    Efficiency = 51, 1 BR = 92, 2 BR = 41, 3 BR = 0
Total Parking: 208
Parking Ratio: 1.13

Enclosed Parking: 189
Surface Parking: 19
EV Vehicle Ready = 21, EV Vehicle Installed = 5
Height: 1 - 5-stories (57'6" as measured from the first-floor level)
Total Bike Stalls: 203
Bike Stalls covered: 184
Bike Stalls Surface: 19
Total Area: 100,196 sq.ft., 2.3002 ac
Density (dwelling units per acre) = 80
Usable Open Space: 34,000 sq.ft.
Impervious Area: 65,123 sq.ft.

Building A is situated along Sherman Avenue on the western side of the site. It will hold the street edge and capitalize on views of Lake Mendota, Tenney Park and southern sightlines to the Capital. This structure has responded to the neighborhood feedback and pulled the massing away from Sherman Avenue. The majority of building frontage along the Sherman Avenue will be single-story residences with individual patios and entrances to the street providing an enhanced residential character and activated streetscape. The building steps up to four and then steps back to a fifth story, which has been pushed to the rear of the building and further away from the street. The building will be wood frame construction on a concrete parking podium comprising two levels (grade level and basement). The building totals approximately 234,126 square feet located on a 2.3-acre lot.

Building A will contain:

- 184 apartments
- 189 covered parking spaces (five spaces electric-installed and 21 electric-ready)
- 19 surface parking spaces
- 203 total bike spaces

Amenities in Building A will include:

- indoor-outdoor space dedicated to fitness
- resident co-working space
- rooftop indoor-outdoor lounge space with views of Lake Mendota and Tenney Park
- entry lobby and greeting area for residents
- management office space

Residents of Buildings A will also have access to a distinct outdoor amenity in the form of the building's green roof. In addition to stormwater retention characteristics, this exterior space will provide:

- landscaped spaces
- public and private seating
- sun/shade alternatives
- recreational lawn
- outdoor grilling stations
- supportive seating for alfresco dining

<u>Building A – Sustainability</u>

Vermilion believes we have a duty to protect and preserve the unique and natural beauty of Lake Mendota, the Yahara River, Tenney Park and the surrounding area. We are committed to developing housing that thoughtfully considers the building's impact on the environment.

We will be achieving Wisconsin Green Built certification and including the following sustainable features into the development:

- Solar ready – Increased structural capacity at the roof to carry solar panels and a raceway to allow the installation of wiring between the roof-located solar panels and the electrical panels on the first floor.
- Inflation Reduction Act – Research the act to determine if it can be used to provide financial support for the inclusion of solar panels on the roof
- Exterior enclosure – Superior wall and roof insulation of greater thicknesses to achieve R-21 and R-50 respectively.
- Mechanical systems – High-efficiency furnaces (95%) and air-conditioning compressors (14 SEER) to produce more heating and cooling with less energy.
- Mechanical system controls – Smart thermostats to allow energy use to be reduced when the space is not occupied.
- Lighting systems – 100% LED light fixture in the building and site which use less energy while providing similar light levels.
- Lighting system controls – Occupancy sensors in common areas (garage, stairwells and corridors) to turn off lighting when no one is using the space.
- Energy Star appliance – 100% Energy Start appliances which are certified by the U.S. EPA as meeting strict energy-efficiency specifications.
- Low-flow plumbing fixtures – 100% low-flow and efficient plumbing fixtures throughout the building accomplish the same task using less water. A low-flow shower head uses less than 2.5 gallons per minute, a low-flow sink uses less than 1.5 gallons per minute and a low-flow toilet uses less than 1.5 gallons per flush.

<u>Building B - Project Data</u>
Current Zoning District: Suburban Employment
Rezoning from SE to Transitional Residential – Urban 2 (TR-U2) to allow for multifamily
Demolition Permit Required
Aldermanic District 12: Prior Alder was Syed Abbas who left midway through project development
Alder Brian Benford (District 6) has provided support and guidance in Aldermanic absence
Total Building Area: 38,854 square feet
Total Units: 20
Efficiency = 0, 1 BR = 0, 2 BR = 16, 3 BR = 4
Total Parking: 35
Parking Ratio: 1.75
Enclosed Parking: 35
Surface Parking: 0
EV Vehicle Ready = 4, EV Vehicle Installed = 1
Height: 2-stories (24'9" as measured from the first-floor level)
Total Bike Stalls: 22
Bike Stalls covered: 20
Bike Stalls Surface: 4
Total Area: 88,662 sq.ft., 2.0354 ac
Density (dwelling units per acre) = 10
Usable Open Space: 26,500 sq.ft.
Impervious Area: 38,636 sq.ft.

Buildings B.1, B.2, and B.3 are located east of the newly created City of Madison Road and are meant to be an attractive, townhome-style housing option that is in response to neighborhood feedback and meant to alleviate the lack of "missing middle housing" in Madison. The three buildings combine for a total of 20

townhome-style residences with 35 private indoor parking spaces. These two-story structures offer some of the larger units within the development.

Residents of Buildings B.1, B.2, and B.3 will enjoy surface-level outdoor amenities including:

- community gardens
- individual patios on either the front or rear of each unit
- walk-up entrances
- individually enclosed parking spaces
- close proximity to the pet run-and-relief field

The scale of these buildings is designed to blend seamlessly with the condominiums to the north and apartment buildings to the east.

Buildings B1, B2 and B3 – Sustainability

Vermilion believes we have a duty to protect and preserve the unique and natural beauty of Lake Mendota, the Yahara River, Tenney Park and the surrounding area. We are committed to developing housing that thoughtfully considers the building's impact on the environment.

We will be achieving Wisconsin Green Built certification and including the following sustainable features into the development:

- Solar ready – Increased structural capacity at the roof to carry solar panels and a raceway to allow the installation of wiring between the roof-located solar panels and the electrical panels on the first floor.
- Inflation Reduction Act – Research the act to determine if it can be used to provide financial support for the inclusion of solar panels on the roof
- Exterior enclosure – Superior wall and roof insulation of greater thicknesses to achieve R-21 and R-50 respectively.
- Mechanical systems – High-efficiency furnaces (95%) and air-conditioning compressors (14 SEER) to produce more heating and cooling with less energy.
- Mechanical system controls – Smart thermostats to allow energy use to be reduced when the space is not occupied.
- Lighting systems – 100% LED light fixture in the building and site which use less energy while providing similar light levels.
- Energy Star appliance – 100% Energy Start appliances which are certified by the U.S. EPA as meeting strict energy-efficiency specifications.
- Low-flow plumbing fixtures – 100% low-flow and efficient plumbing fixtures throughout the building accomplish the same task using less water. A low-flow shower head uses less than 2.5 gallons per minute, a low-flow sink uses less than 1.5 gallons per minute and a low-flow toilet uses less than 1.5 gallons per flush.

Building C - Project Data

Current Zoning District: Suburban Employment
Rezoning from SE to Transitional Residential – Urban 2 (TR-U2) to allow for multifamily
Demolition Permit Required
Aldermanic District 12: Prior Alder was Syed Abbas who left midway through project development
Alder Brian Benford (District 6) has provided support and guidance in Aldermanic absence
Total Building Area: 164,113 square feet

Total Units: 127
Efficiency = 27, 1 BR = 73, 2 BR = 27, 3 BR = 0
Total Parking: 157
Parking Ratio: 1.24
Enclosed Parking: 140
Surface Parking: 17
EV Vehicle Ready = 16, EV Vehicle Installed = 4
Height: 1 - 5-stories (57'6" as measured from the first-floor level)
Total Bike Stalls: 140
Bike Stalls covered: 127
Bike Stalls Surface: 13
Total Area: 117,605 sq.ft., 2.6998 ac
Density (dwelling units per acre) = 47
Usable Open Space: 12,500 sq.ft.
Impervious Area: 53,040 sq.ft.

Building C is oriented along the southern property line toward the east and will have tremendous views of Tenney Park and the Capitol building in the distance.
Building C will be a five-story structure including:

- 127 apartments
- 140 enclosed parking spaces (four spaces electric-installed and 16 electric-ready)
- 17 surface parking spaces
- 140 total bike spaces

Amenities in Building C will be similar to Building A including:

- indoor-outdoor space dedicated to fitness
- resident co-working space
- rooftop indoor-outdoor lounge space with views of the Capitol and Tenney Park
- entry lobby and greeting area for residents

Residents of Buildings C will also have access to a distinct outdoor amenity in the form of the building's green roof. In addition to stormwater retention characteristics, this exterior space will provide:

- landscaped spaces
- public and private seating
- sun/shade alternatives
- recreational lawn
- outdoor grilling stations
- supportive seating for alfresco dining

<u>Building C – Sustainability</u>
Vermilion believes we have a duty to protect and preserve the unique and natural beauty of Lake Mendota, the Yahara River, Tenney Park and the surrounding area. We are committed to developing housing that thoughtfully considers the building's impact on the environment.

We will be achieving Wisconsin Green Built certification and including the following sustainable features into the development:

- Solar ready – Increased structural capacity at the roof to carry solar panels and a raceway to allow the installation of wiring between the roof-located solar panels and the electrical panels on the first floor.

- Inflation Reduction Act – Research the act to determine if it can be used to provide financial support for the inclusion of solar panels on the roof
- Exterior enclosure – Superior wall and roof insulation of greater thicknesses to achieve R-21 and R-50 respectively.
- Mechanical systems – High-efficiency furnaces (95%) and air-conditioning compressors (14 SEER) to produce more heating and cooling with less energy.
- Mechanical system controls – Smart thermostats to allow energy use to be reduced when the space is not occupied.
- Lighting systems – 100% LED light fixture in the building and site which use less energy while providing similar light levels.
- Lighting system controls – Occupancy sensors in common areas (garage, stairwells and corridors) to turn off lighting when no one is using the space.
- Energy Star appliance – 100% Energy Start appliances which are certified by the U.S. EPA as meeting strict energy-efficiency specifications.
- Low-flow plumbing fixtures – 100% low-flow and efficient plumbing fixtures throughout the building accomplish the same task using less water. A low-flow shower head uses less than 2.5 gallons per minute, a low-flow sink uses less than 1.5 gallons per minute and a low-flow toilet uses less than 1.5 gallons per flush.

Site Amenities and Unique Features

The project has incorporated numerous site amenities for the benefit of the residents living within the project and also taken a sensitive approach to those that will visit Tenney Park, Filene Park and the Yahara River.

Onsite Amenities:

- Assortment of community gardens created in two distinct locations to express their creativity through planning and nurturing plants and crops
- Fully enclosed, run-and-relief field for animals to enjoy the outdoors and each other
- Substantial landscaping to help the project fit into the park-like setting
- Maintain green buffer along the northern property line as requested by neighbors, Sherman Terrace
- Maintain green buffer along the southern property line shared with the City of Madison to screen the views of the project from Tenney Park and the Yahara River

Stormwater Management

Our project will greatly increase the stormwater protection to this site and the surrounding property through detention of stormwater runoff to match existing conditions up to the 200-year storm event. Our project will include:

- Two (2) substantial green roofs that help mitigate storm water runoff
- Bioretention basins
- Stormwater features to intercept stormwater prior to offsite discharge

Management and Operating Agreement

The developer is currently in conversation with two local property management companies, both with substantial experience managing similar sized projects and larger. The staffing model for this project includes six full-time employees including building manager, leasing agents, and maintenance team. We plan to have a property management team in-place approximately six months prior to first resident move-ins.

Neighborhood Presentations

The project was presented at two aldermanic hosted neighborhood meetings:

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- October 10, 2022
- December 8, 2022

The development team held the following additional meetings:

- Tenney-Lapham Transportation and Safety meeting – November 17, 2022
- Sherman Terrace Neighborhood meeting – November 30, 2022

Proposed Project Schedule

To-date

- DAT meeting: June 24, 2022 (completed)
- Preapplication meeting: September 28, 2022 (completed)
- Neighborhood meeting #1: October 10, 2022
- Urban Design Information meeting: October 26, 2022
- Tenney-Lapham Transportation and Safety meeting: November 17, 2022
- Sherman Terrace Neighborhood meeting: November 30, 2022
- Neighborhood meeting #2: December 8, 2022
- Land Use Submittal: January 17, 2023

Upcoming

- Urban Design Commission: March 2023
- Plan Commission: March 2023
- Common Council: March 2023
- Construction commencement: September 2023
- Construction completion: February 2026

Thank you for your consideration, we look forward to your feedback following your review of this submittal. Please contact any member of the development team if you have any questions regarding this submittal.

Kind regards,



Darrin Jolas
Vermilion Acquisitions LLC
(773) 914-7740
darrin@vermiliondevelopment.com

1617 SHERMAN AVE

VERMILION
1617 SHERMAN AVE
MADISON, WI 53704

2022.21.00

LAND USE APPLICATION

Drawing Index

C = Issued for Construction
B = Issued for Bidding
R = Issued for Reference Only

DWG #	DRAWING TITLE
GENERAL	
CD01	COVER DRAWING
CIVIL	
C100	SITE PLAN
C101	SITE PLAN - BLD A
C102	SITE PLAN - BLD B
C103	SITE PLAN - BLD C
C200	GRADING PLAN
C300	UTILITY PLAN
EX. FIRE	FIRE APPARATUS
LANDSCAPE ARCHITECTURE	
L100	LANDSCAPE PLAN
L101	PLANTING SCHEDULES AND LANDSCAPE WORKSHEET
BUILDING A	
A100A	PARKING LEVEL PLAN
A101A	FIRST FLOOR PLAN
A102A	SECOND FLOOR PLAN
A103A	THIRD-FOURTH FLOOR PLANS
A105A	FIFTH FLOOR PLAN
A106A	ROOF PLAN
A201A	BUILDING ELEVATIONS COLOR
A202A	BUILDING ELEVATIONS COLOR
A203A	BUILDING ELEVATIONS B/W
A204A	BUILDING ELEVATIONS B/W
BUILDING B	
A101B.1	BUILDING B.1 FLOOR & ROOF PLANS
A101B.2	BUILDING B.2 FLOOR & ROOF PLANS
A101B.3	BUILDING B.3 FLOOR & ROOF PLANS
A201B.1	BUILDING B.1 ELEVATIONS COLOR
A201B.2	BUILDING B.2 ELEVATIONS COLOR
A201B.3	BUILDING B.3 ELEVATIONS COLOR
A202B.1	BUILDING B.1 ELEVATIONS B/W
A202B.2	BUILDING B.2 ELEVATIONS B/W
A202B.3	BUILDING B.3 ELEVATIONS B/W
BUILDING C	
A100C	PARKING LEVEL PLAN
A101C	FIRST FLOOR PLAN
A102C	SECOND FLOOR PLAN
A103C	THIRD-FOURTH FLOOR PLAN
A105C	FIFTH FLOOR PLAN
A106C	ROOF PLAN
A201C	BUILDING ELEVATIONS COLOR
A202C	BUILDING ELEVATIONS COLOR
A203C	BUILDING ELEVATIONS COLOR
A204C	BUILDING ELEVATIONS COLOR B/W
A205C	BUILDING ELEVATIONS COLOR B/W
A206C	BUILDING ELEVATIONS COLOR B/W
ARCHITECTURE	
G001	CONTEXT & EXISTING BUILDING PHOTOS
G002	BUILDING MATERIALS
G003	EXTERIOR PERSPECTIVES
ELECTRICAL	
E001	PHOTOMETRIC PLAN
E002	LIGHTING CUT SHEETS
E003	LIGHTING CUT SHEETS
E004	LIGHTING CUT SHEETS
E005	LIGHTING CUT SHEETS
E006	LIGHTING CUT SHEETS



AERIAL PERSPECTIVE LOOKING EAST



1 CD01 SITE LOCATION
NOT TO SCALE

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Architect:
749 University Row Suite 300
Madison, WI 53705
608-274-2741

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1617 SHERMAN AVE

VERMILION

1617 SHERMAN AVE
MADISON, WI 53704

2022.21.00

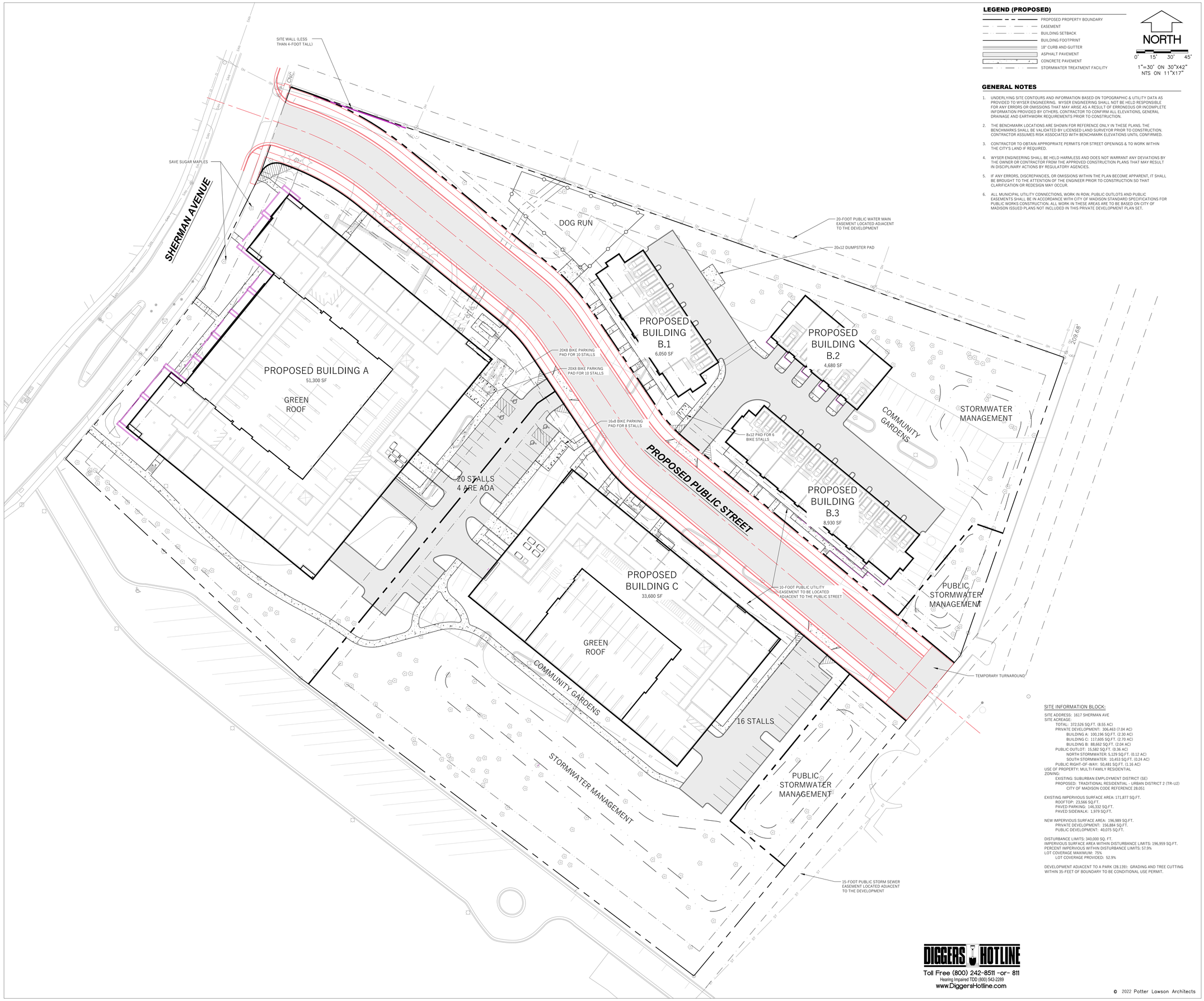
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01/17/2023	LAND USE APPLICATION

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LEGEND (PROPOSED)

- PROPOSED PROPERTY BOUNDARY
- EASEMENT
- BUILDING SETBACK
- BUILDING FOOTPRINT
- 18" CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- STORMWATER TREATMENT FACILITY

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS PROVIDED TO WYSER ENGINEERING. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY IN THESE PLANS. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. ALL WORK IN THESE AREAS ARE TO BE BASED ON CITY OF MADISON ISSUED PLANS NOT INCLUDED IN THIS PRIVATE DEVELOPMENT PLAN SET.

SITE INFORMATION BLOCK:

SITE ADDRESS: 1617 SHERMAN AVE
SITE ACREAGE:
- TOTAL: 372,526 SQ.FT. (8.55 AC)
- PRIVATE DEVELOPMENT: 306,463 (7.04 AC)
  - BUILDING A: 100,196 SQ.FT. (2.30 AC)
  - BUILDING C: 117,605 SQ.FT. (2.70 AC)
  - BUILDING B: 88,662 SQ.FT. (2.04 AC)
- PUBLIC OUTLOT: 15,582 SQ.FT. (0.36 AC)
  - NORTH STORMWATER: 5,129 SQ.FT. (0.12 AC)
  - SOUTH STORMWATER: 10,453 SQ.FT. (0.24 AC)
- PUBLIC RIGHT-OF-WAY: 50,481 SQ.FT. (1.16 AC)

USE OF PROPERTY: MULTI FAMILY RESIDENTIAL
ZONING:
- EXISTING: SUBURBAN EMPLOYMENT DISTRICT (SE)
- PROPOSED: TRADITIONAL RESIDENTIAL - URBAN DISTRICT 2 (TR-U2) CITY OF MADISON CODE REFERENCE 28.051

EXISTING IMPERVIOUS SURFACE AREA: 171,877 SQ.FT.
- ROOFTOP: 23,566 SQ.FT.
- PAVED PARKING: 146,332 SQ.FT.
- PAVED SIDEWALK: 1,979 SQ.FT.

NEW IMPERVIOUS SURFACE AREA: 196,989 SQ.FT.
- PRIVATE DEVELOPMENT: 156,884 SQ.FT.
- PUBLIC DEVELOPMENT: 40,075 SQ.FT.

DISTURBANCE LIMITS: 340,000 SQ. FT.
IMPERVIOUS SURFACE AREA WITHIN DISTURBANCE LIMITS: 196,959 SQ.FT.
PERCENT IMPERVIOUS WITHIN DISTURBANCE LIMITS: 57.9%
LOT COVERAGE MAXIMUM: 75%
- LOT COVERAGE PROVIDED: 52.9%

DEVELOPMENT ADJACENT TO A PARK (28.139): GRADING AND TREE CUTTING WITHIN 35-FEET OF BOUNDARY TO BE CONDITIONAL USE PERMIT.

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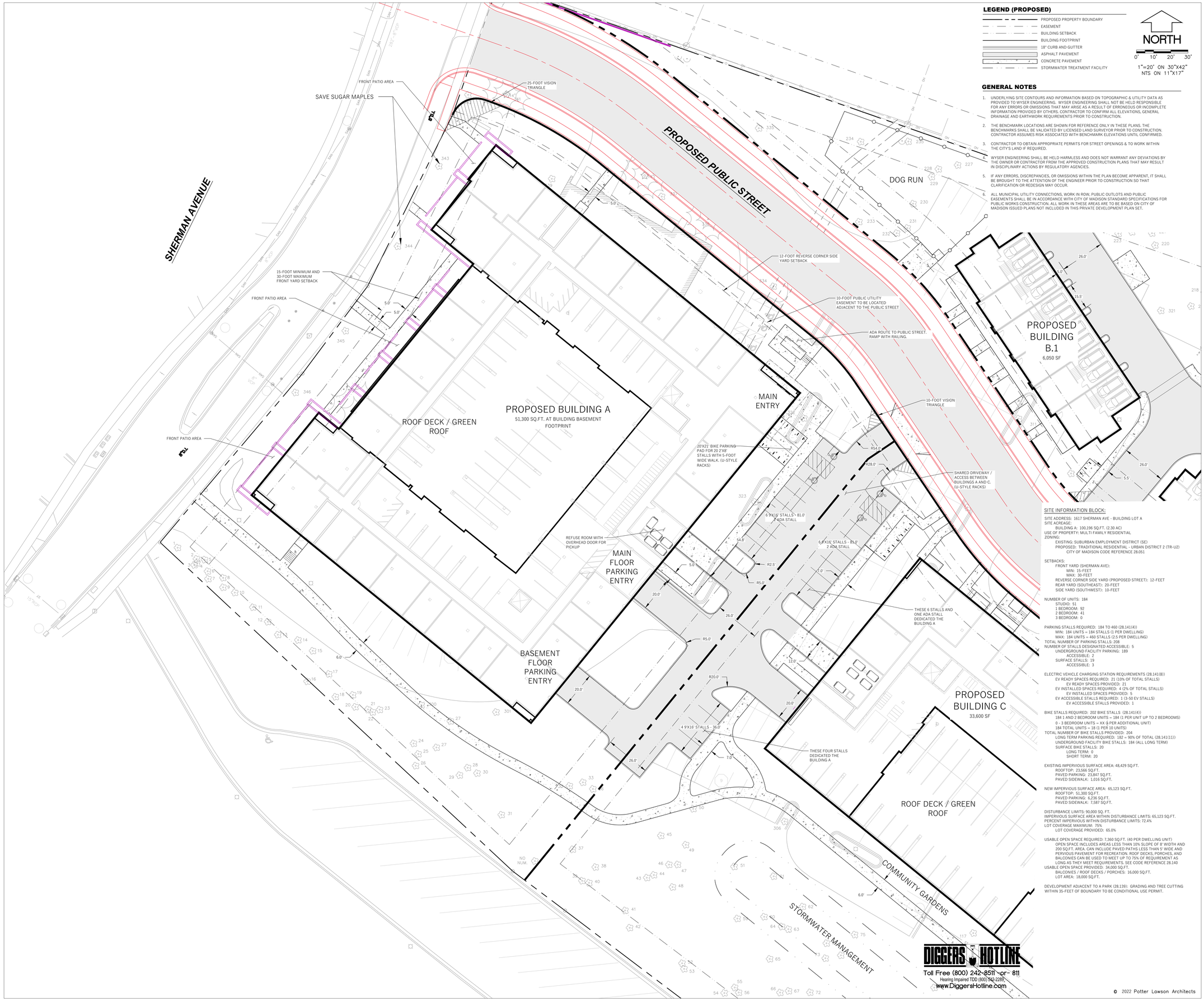
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Date	Issuance/Revisions	Symbol
01/17/2023	LAND USE APPLICATION	

SITE PLAN

C100

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GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS PROVIDED TO WYSER ENGINEERING. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY IN THESE PLANS. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. ALL WORK IN THESE AREAS ARE TO BE BASED ON CITY OF MADISON ISSUED PLANS NOT INCLUDED IN THIS PRIVATE DEVELOPMENT PLAN SET.

SITE INFORMATION BLOCK:

SITE ADDRESS: 1617 SHERMAN AVE - BUILDING LOT A
SITE ACREAGE:
BUILDING A: 100,196 SQ.FT. (2.30 AC)
USE OF PROPERTY: MULTI FAMILY RESIDENTIAL
ZONING:
EXISTING: SUBURBAN EMPLOYMENT DISTRICT (SE)
PROPOSED: TRADITIONAL RESIDENTIAL - URBAN DISTRICT 2 (TR-U2)
CITY OF MADISON CODE REFERENCE 28.051

SETBACKS:
FRONT YARD (SHERMAN AVE):
MIN: 15-FEET
MAX: 30-FEET
REVERSE CORNER SIDE YARD (PROPOSED STREET): 12-FEET
REAR YARD (SOUTHEAST): 20-FEET
SIDE YARD (SOUTHWEST): 10-FEET

NUMBER OF UNITS: 184
STUDIO: 51
1 BEDROOM: 92
2 BEDROOM: 41
3 BEDROOM: 0

PARKING STALLS REQUIRED: 184 TO 460 (28.141(4))
MIN: 184 UNITS = 184 STALLS (1 PER DWELLING)
MAX: 184 UNITS = 460 STALLS (2.5 PER DWELLING)
TOTAL NUMBER OF PARKING STALLS: 208
NUMBER OF STALLS DESIGNATED ACCESSIBLE: 5
UNDERGROUND FACILITY PARKING: 189
ACCESSIBLE: 2
SURFACE STALLS: 19
ACCESSIBLE: 3

ELECTRIC VEHICLE CHARGING STATION REQUIREMENTS (28.141(8))
EV READY SPACES REQUIRED: 21 (10% OF TOTAL STALLS)
EV READY SPACES PROVIDED: 21
EV INSTALLED SPACES REQUIRED: 4 (2% OF TOTAL STALLS)
EV INSTALLED SPACES PROVIDED: 5
EV ACCESSIBLE STALLS REQUIRED: 1 (3-50 EV STALLS)
EV ACCESSIBLE STALLS PROVIDED: 1

BIKE STALLS REQUIRED: 202 BIKE STALLS (28.141(4))
184 1 AND 2 BEDROOM UNITS – 184 (1 PER UNIT UP TO 2 BEDROOMS)
0 – 3 BEDROOM UNITS – XX (4 PER ADDITIONAL UNIT)
184 TOTAL UNITS – 18 (1 PER 10 UNITS)
TOTAL NUMBER OF BIKE STALLS PROVIDED: 204
LONG TERM PARKING REQUIRED: 182 – 90% OF TOTAL (28.141(11))
UNDERGROUND FACILITY BIKE STALLS: 184 (ALL LONG TERM)
SURFACE BIKE STALLS: 20
LONG TERM: 0
SHORT TERM: 20

EXISTING IMPERVIOUS SURFACE AREA: 48,429 SQ.FT.
ROOFTOP: 23,566 SQ.FT.
PAVED PARKING: 23,847 SQ.FT.
PAVED SIDEWALK: 1,016 SQ.FT.

NEW IMPERVIOUS SURFACE AREA: 65,123 SQ.FT.
ROOFTOP: 51,300 SQ.FT.
PAVED PARKING: 6,236 SQ.FT.
PAVED SIDEWALK: 7,587 SQ.FT.

DISTURBANCE LIMITS: 90,000 SQ. FT.
IMPERVIOUS SURFACE AREA WITHIN DISTURBANCE LIMITS: 65,123 SQ.FT.
PERCENT IMPERVIOUS WITHIN DISTURBANCE LIMITS: 72.4%
LOT COVERAGE MAXIMUM: 75%
LOT COVERAGE PROVIDED: 65.0%

USABLE OPEN SPACE REQUIRED: 7,360 SQ.FT. (40 PER DWELLING UNIT)
OPEN SPACE INCLUDES AREAS LESS THAN 10% SLOPE OF 8' WIDTH AND 200 SQ.FT. AREA. CAN INCLUDE PAVED PATHS LESS THAN 5' WIDE AND PERVIOUS PAVEMENT FOR RECREATION. ROOF DECKS, PORCHES, AND BALCONIES CAN BE USED TO MEET UP TO 75% OF REQUIREMENT AS LONG AS THEY MEET REQUIREMENTS. SEE CODE REFERENCE 28.140
USABLE OPEN SPACE PROVIDED: 34,000 SQ.FT.
BALCONIES / ROOF DECKS / PORCHES: 16,000 SQ.FT.
LOT AREA: 18,000 SQ.FT.

DEVELOPMENT ADJACENT TO A PARK (28.139): GRADING AND TREE CUTTING WITHIN 35-FEET OF BOUNDARY TO BE CONDITIONAL USE PERMIT.

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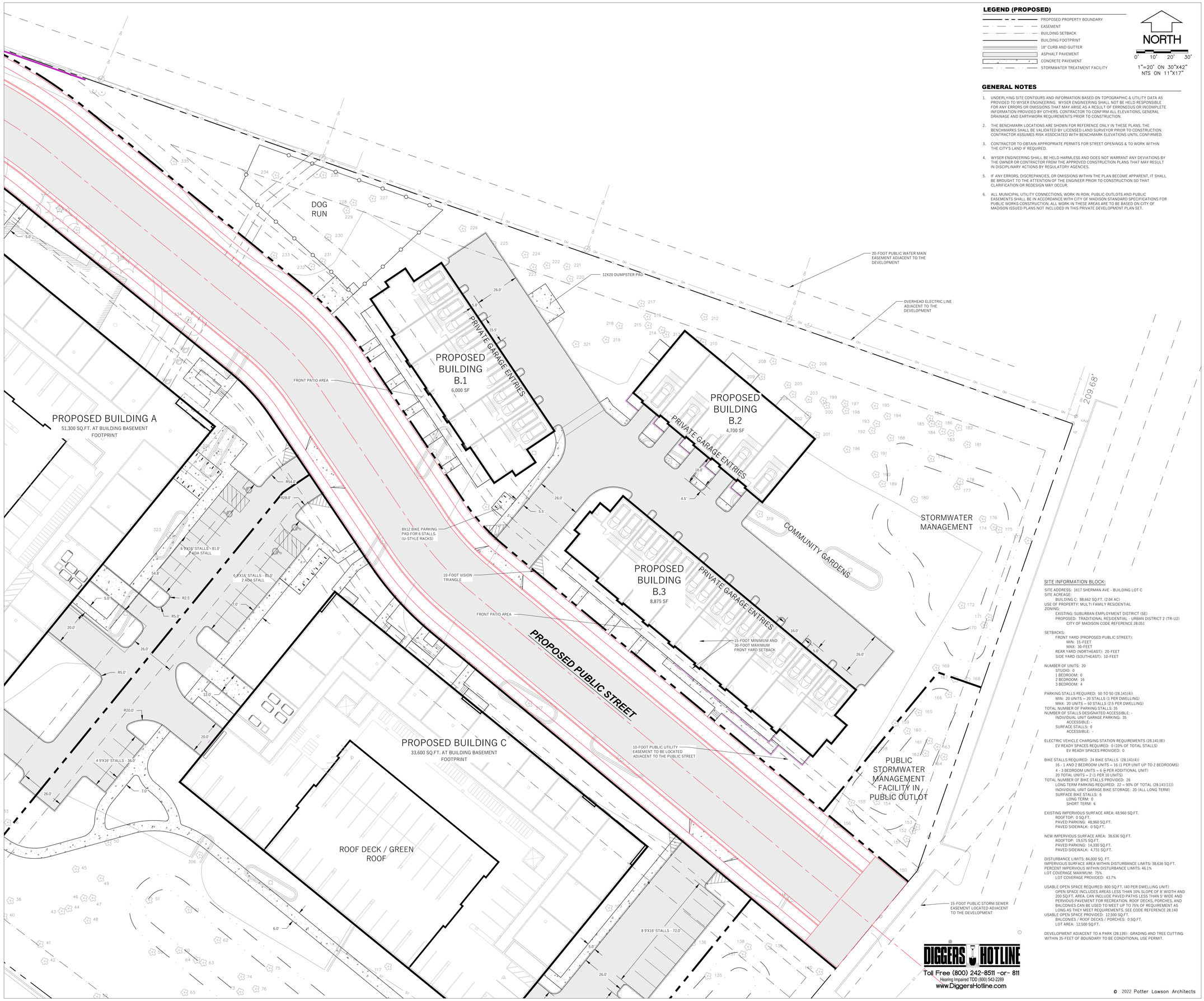
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Date	Issuance/Revisions	Symbol
01/17/2023	LAND USE APPLICATION	

SITE PLAN - BLD A

C101

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LEGEND (PROPOSED)

- PROPOSED PROPERTY BOUNDARY
- EASEMENT
- BUILDING SETBACK
- BUILDING FOOTPRINT
- 18" CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- STORMWATER TREATMENT FACILITY

NORTH

0' 10' 20' 30'

1"=20' ON 30"X42"
NTS ON 11"X17"

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS PROVIDED TO WYSER ENGINEERING. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
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4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. ALL WORK IN THESE AREAS ARE TO BE BASED ON CITY OF MADISON ISSUED PLANS NOT INCLUDED IN THIS PRIVATE DEVELOPMENT PLAN SET.

SITE INFORMATION BLOCK:

SITE ADDRESS: 1617 SHERMAN AVE - BUILDING LOT C
SITE ACREAGE:
BUILDING C: 88,662 SQ.FT. (2.04 AC)
USE OF PROPERTY: MULTI FAMILY RESIDENTIAL
ZONING:
EXISTING: SUBURBAN EMPLOYMENT DISTRICT (SE)
PROPOSED: TRADITIONAL RESIDENTIAL - URBAN DISTRICT 2 (TR-U2)
CITY OF MADISON CODE REFERENCE 28.051

SETBACKS:
FRONT YARD (PROPOSED PUBLIC STREET):
MIN: 15-FEET
MAX: 30-FEET
REAR YARD (NORTHEAST): 20-FEET
SIDE YARD (SOUTHEAST): 10-FEET

NUMBER OF UNITS: 20
STUDIO: 0
1 BEDROOM: 0
2 BEDROOM: 16
3 BEDROOM: 4

PARKING STALLS REQUIRED: 50 TO 50 (28.141(4))
MIN: 20 UNITS = 20 STALLS (1 PER DWELLING)
MAX: 20 UNITS = 50 STALLS (2.5 PER DWELLING)
TOTAL NUMBER OF PARKING STALLS: 35
NUMBER OF STALLS DESIGNATED ACCESSIBLE: -
INDIVIDUAL UNIT GARAGE PARKING: 35
ACCESSIBLE: -
SURFACE STALLS: 0
ACCESSIBLE: -

ELECTRIC VEHICLE CHARGING STATION REQUIREMENTS (28.141(8))
EV READY SPACES REQUIRED: 0 (10% OF TOTAL STALLS)
EV READY SPACES PROVIDED: 0

BIKE STALLS REQUIRED: 24 BIKE STALLS (28.141(4))
16 - 1 AND 2 BEDROOM UNITS = 16 (1 PER UNIT UP TO 2 BEDROOMS)
4 - 3 BEDROOM UNITS = 6 (4 PER ADDITIONAL UNIT)
20 TOTAL UNITS = 2 (1 PER 10 UNITS)
TOTAL NUMBER OF BIKE STALLS PROVIDED: 26
LONG TERM PARKING REQUIRED: 22 = 90% OF TOTAL (28.141(11))
INDIVIDUAL UNIT GARAGE BIKE STORAGE: 20 (ALL LONG TERM)
SURFACE BIKE STALLS: 6
LONG TERM: 0
SHORT TERM: 6

EXISTING IMPERVIOUS SURFACE AREA: 48,960 SQ.FT.
ROOFTOP: 0 SQ.FT.
PAVED PARKING: 48,960 SQ.FT.
PAVED SIDEWALK: 0 SQ.FT.

NEW IMPERVIOUS SURFACE AREA: 38,636 SQ.FT.
ROOFTOP: 19,575 SQ.FT.
PAVED PARKING: 14,330 SQ.FT.
PAVED SIDEWALK: 4,731 SQ.FT.

DISTURBANCE LIMITS: 84,000 SQ. FT.
IMPERVIOUS SURFACE AREA WITHIN DISTURBANCE LIMITS: 38,636 SQ.FT.
PERCENT IMPERVIOUS WITHIN DISTURBANCE LIMITS: 46.1%
LOT COVERAGE MAXIMUM: 75%
LOT COVERAGE PROVIDED: 43.7%

USABLE OPEN SPACE REQUIRED: 800 SQ.FT. (40 PER DWELLING UNIT)
OPEN SPACE INCLUDES AREAS LESS THAN 10% SLOPE OF 8' WIDTH AND 200 SQ.FT. AREA. CAN INCLUDE PAVED PATHS LESS THAN 5' WIDE AND PERVIOUS PAVEMENT FOR RECREATION. ROOF DECKS, PORCHES, AND BALCONIES CAN BE USED TO MEET UP TO 75% OF REQUIREMENT AS LONG AS THEY MEET REQUIREMENTS. SEE CODE REFERENCE 28.140
USABLE OPEN SPACE PROVIDED: 12,500 SQ.FT.
BALCONIES / ROOF DECKS / PORCHES: 0 SQ.FT.
LOT AREA: 12,500 SQ.FT.

DEVELOPMENT ADJACENT TO A PARK (28.139): GRADING AND TREE CUTTING WITHIN 35-FEET OF BOUNDARY TO BE CONDITIONAL USE PERMIT.

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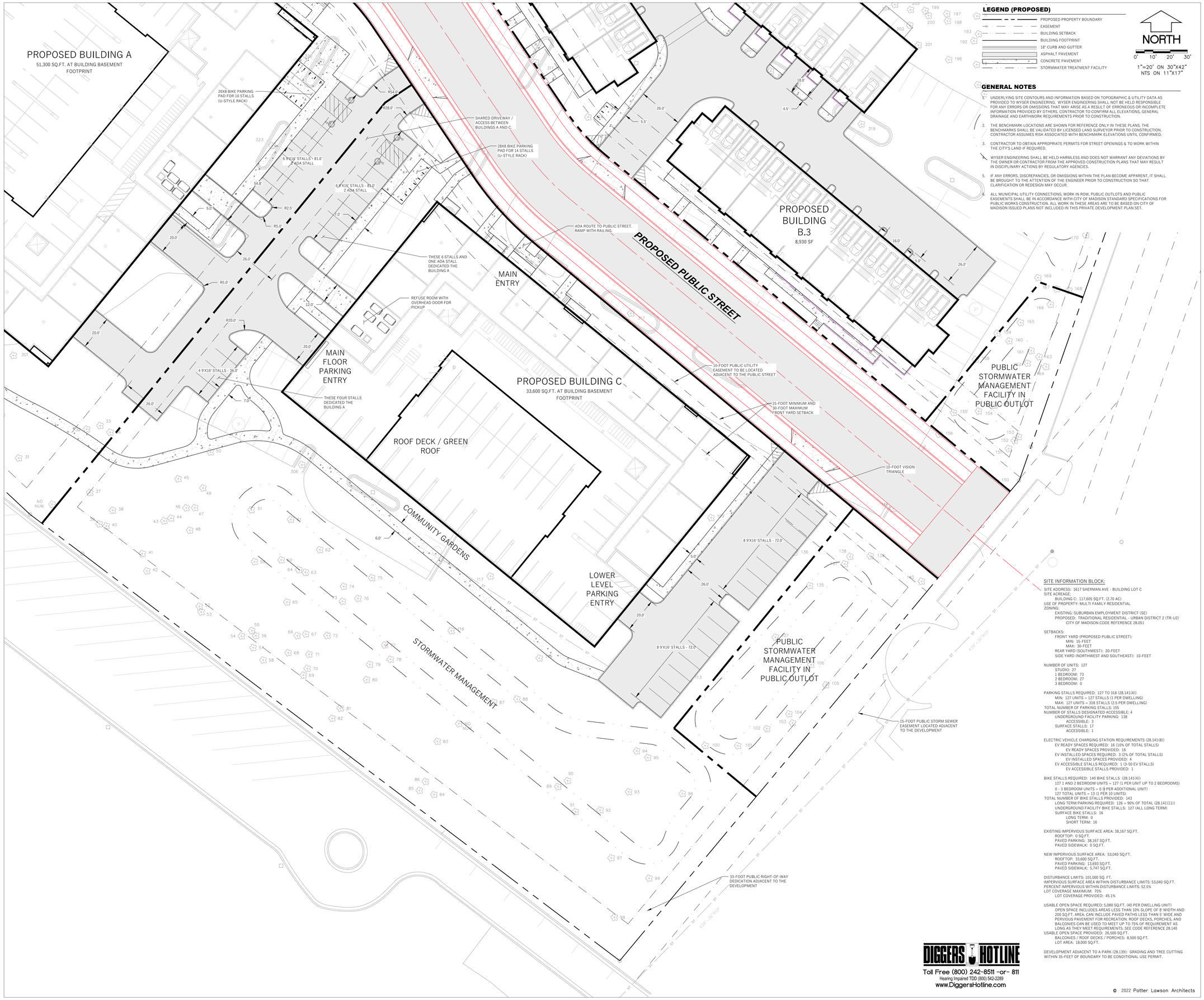
2022.21.00

Date	Issuance/Revisions	Symbol
01/17/2023	LAND USE APPLICATION	

SITE PLAN - BLD B

C102

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GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS PROVIDED TO WYSER ENGINEERING. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
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3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
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SITE INFORMATION BLOCK:

SITE ADDRESS: 1617 SHERMAN AVE - BUILDING LOT C
SITE ACREAGE:
BUILDING C: 117,605 SQ.FT. (2.70 AC)
USE OF PROPERTY: MULTI FAMILY RESIDENTIAL
ZONING:
EXISTING: SUBURBAN EMPLOYMENT DISTRICT (SE)
PROPOSED: TRADITIONAL RESIDENTIAL - URBAN DISTRICT 2 (TR-U2)
CITY OF MADISON CODE REFERENCE 28.051

SETBACKS:
FRONT YARD (PROPOSED PUBLIC STREET):
MIN: 15-FEET
MAX: 30-FEET
REAR YARD (SOUTHWEST): 20-FEET
SIDE YARD (NORTHWEST AND SOUTHEAST): 10-FEET

NUMBER OF UNITS: 127
STUDIO: 27
1 BEDROOM: 73
2 BEDROOM: 27
3 BEDROOM: 0

PARKING STALLS REQUIRED: 127 TO 318 (28.141(4))
MIN: 127 UNITS = 127 STALLS (1 PER DWELLING)
MAX: 127 UNITS = 318 STALLS (2.5 PER DWELLING)
TOTAL NUMBER OF PARKING STALLS: 155
NUMBER OF STALLS DESIGNATED ACCESSIBLE: 4
UNDERGROUND FACILITY PARKING: 138
ACCESSIBLE: 3
SURFACE STALLS: 17
ACCESSIBLE: 1

ELECTRIC VEHICLE CHARGING STATION REQUIREMENTS (28.141(8))
EV READY SPACES REQUIRED: 16 (10% OF TOTAL STALLS)
EV READY SPACES PROVIDED: 16
EV INSTALLED SPACES REQUIRED: 3 (2% OF TOTAL STALLS)
EV INSTALLED SPACES PROVIDED: 4
EV ACCESSIBLE STALLS REQUIRED: 1 (3-50 EV STALLS)
EV ACCESSIBLE STALLS PROVIDED: 1

BIKE STALLS REQUIRED: 140 BIKE STALLS (28.141(4))
127 1 AND 2 BEDROOM UNITS = 127 (1 PER UNIT UP TO 2 BEDROOMS)
0 - 3 BEDROOM UNITS = 0 (0 PER ADDITIONAL UNIT)
127 TOTAL UNITS = 13 (1 PER 10 UNITS)
TOTAL NUMBER OF BIKE STALLS PROVIDED: 143
LONG TERM PARKING REQUIRED: 126 = 90% OF TOTAL (28.141(11))
UNDERGROUND FACILITY BIKE STALLS: 127 (ALL LONG TERM)
SURFACE BIKE STALLS: 16
LONG TERM: 0
SHORT TERM: 16

EXISTING IMPERVIOUS SURFACE AREA: 38,167 SQ.FT.
ROOFTOP: 0 SQ.FT.
PAVED PARKING: 38,167 SQ.FT.
PAVED SIDEWALK: 0 SQ.FT.

NEW IMPERVIOUS SURFACE AREA: 53,040 SQ.FT.
ROOFTOP: 33,600 SQ.FT.
PAVED PARKING: 13,693 SQ.FT.
PAVED SIDEWALK: 5,747 SQ.FT.

DISTURBANCE LIMITS: 101,000 SQ. FT.
IMPERVIOUS SURFACE AREA WITHIN DISTURBANCE LIMITS: 53,040 SQ.FT.
PERCENT IMPERVIOUS WITHIN DISTURBANCE LIMITS: 52.5%
LOT COVERAGE MAXIMUM: 75%
LOT COVERAGE PROVIDED: 45.1%

USABLE OPEN SPACE REQUIRED: 5,080 SQ.FT. (40 PER DWELLING UNIT)
OPEN SPACE INCLUDES AREAS LESS THAN 10% SLOPE OF 8' WIDTH AND 200 SQ.FT. AREA. CAN INCLUDE PAVED PATHS LESS THAN 5' WIDE AND PERVIOUS PAVEMENT FOR RECREATION. ROOF DECKS, PORCHES, AND BALCONIES CAN BE USED TO MEET UP TO 75% OF REQUIREMENT AS LONG AS THEY MEET REQUIREMENTS. SEE CODE REFERENCE 28.140
USABLE OPEN SPACE PROVIDED: 26,500 SQ.FT.
BALCONIES / ROOF DECKS / PORCHES: 8,500 SQ.FT.
LOT AREA: 18,000 SQ.FT.

DEVELOPMENT ADJACENT TO A PARK (28.139): GRADING AND TREE CUTTING WITHIN 35-FEET OF BOUNDARY TO BE CONDITIONAL USE PERMIT.

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1617 SHERMAN AVE
VERMILION

1617 SHERMAN AVE
MADISON, WI 53704

2022.21.00

Date	Issuance/Revisions	Symbol
01/17/2023	LAND USE APPLICATION	

SITE PLAN - BLD C

C103

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NOTE:
LAKE MENDOTA TYPICAL LAKE LEVEL
BETWEEN 849.6 AND 850.1 WITH
100-YEAR FLOOD LEVEL 852.8
LAKE MENDOTA TYPICAL LAKE LEVEL
BETWEEN 844.7 AND 845.2 WITH
100-YEAR FLOOD LEVEL 847.7

NOTE:
SPOT GRADES ARE AS FOLLOWS:
FFE - FINISHED FLOOR GRADE
EP - EDGE OF ASPHALT PAVEMENT
EC - EDGE OF CONCRETE PAVEMENT
BC - BACK OF CURB
SW - EDGE OF SIDEWALK
FG - FINISH GRADE
TW - FINISH GRADE ADJACENT TOP OF WALL
BW - FINISH GRADE ADJACENT BOTTOM OF WALL (NOT FOOTING)

LEGEND (PROPOSED)

- PROPERTY BOUNDARY
- EASEMENT
- BUILDING FOOTPRINT
- 18" CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- 1180 — PROPOSED MAJOR CONTOUR
- 1181 — PROPOSED MINOR CONTOUR
- STM — PROPOSED STORM SEWER
- SILT FENCE
- INLET PROTECTION
- DITCH CHECK
- 1181.25 EP — SPOT GRADE
- DRAINAGE GRADE BREAK
- 1.0% — DRAINAGE ARROW

NORTH
0' 15' 30' 45'
1"=30' ON 30"x42"
NTS ON 11"X17"

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS PROVIDED TO WYSER ENGINEERING. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY IN THESE PLANS. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. ALL WORK IN THESE AREAS ARE TO BE BASED ON CITY OF MADISON ISSUED PLANS NOT INCLUDED IN THIS PRIVATE DEVELOPMENT PLAN SET.

SHERMAN AVENUE
PROPOSED PUBLIC STREET
RETAINING WALL, UP TO THREE FOOT HEIGHT.
SAVE SUGAR MAPLES
PROPOSED BUILDING A
FFE = 866.0
BFE = 856.0
PROPOSED BUILDING B.1
FFE = 864.0
PROPOSED BUILDING B.2
FFE = 863.0
PROPOSED BUILDING B.3
FFE = 862.0
PROPOSED BUILDING C
FFE = 863.0
BFE = 853.0
BIORETENTION BASIN 1
BIORETENTION BASIN 2
PUBLIC IMPROVEMENT
BIORETENTION BASIN 3
PUBLIC IMPROVEMENT
BIORETENTION BASIN 4
OVERFLOW WIER.
I.E. = 854.25
TOP OF POND = 855.0
PROVIDE PERMANENT CLASS III, TYPE B TURF REINFORCEMENT MATTING OVER THE WIER FROM THE BOTTOM OF THE POND TO THE BOTTOM OF POND.
OVERFLOW WIER.
I.E. = 854.25
TOP OF POND = 855.0
PROVIDE PERMANENT CLASS III, TYPE B TURF REINFORCEMENT MATTING OVER THE WIER FROM THE BOTTOM OF THE POND TO THE PROPERTY LINE.
PROVIDE TEMPORARY PUBLIC TURN-AROUND
OVERFLOW WIER.
I.E. = 852.25
TOP OF POND = 853.0
PROVIDE PERMANENT CLASS III, TYPE B TURF REINFORCEMENT MATTING OVER THE WIER FROM THE BOTTOM OF THE POND TO THE BOTTOM OF POND.
OVERFLOW WIER.
I.E. = 854.25
TOP OF POND = 855.0
PROVIDE PERMANENT CLASS III, TYPE B TURF REINFORCEMENT MATTING OVER THE WIER FROM THE BOTTOM OF THE POND TO THE TOE OF SLOPE.

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GRADING PLAN

C200

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NOTE:
LAKE MENDOTA TYPICAL LAKE LEVEL
BETWEEN 849.6 AND 850.1 WITH
100-YEAR FLOOD LEVEL 852.8
LAKE MENDOTA TYPICAL LAKE LEVEL
BETWEEN 844.7 AND 845.2 WITH
100-YEAR FLOOD LEVEL 847.7

PUBLIC SANITARY MANHOLE NO. 1
48" DIA MANHOLE
NEENAH R-1550, SOLID, NON-ROCKING, LID
OVER EXISTING SANITARY MAIN
RIM = 866.17
N/S I.E. = 854.2 (EX. 8" PVC)
E I.E. = 854.84 (8" PVC)

PUBLIC SANITARY MANHOLE NO. 2
48" DIA MANHOLE
NEENAH R-1550, SOLID, NON-ROCKING, LID
RIM = 863.9
W I.E. = 855.55 (8" PVC)
SE I.E. = 855.65 (8" PVC)

PUBLIC SANITARY MANHOLE NO. 3
48" DIA MANHOLE
NEENAH R-1550, SOLID, NON-ROCKING, LID
RIM = 861.47
NW I.E. = 857.07 (8" PVC)
NE I.E. = 857.24 (6" PVC)
SW I.E. = 857.24 (6" PVC)

PUBLIC SANITARY MANHOLE NO. 4
48" DIA MANHOLE
NEENAH R-1550, SOLID, NON-ROCKING, LID
RIM = 862.4
W I.E. = 856.48 (8" PVC)
SE I.E. = 856.58 (8" PVC)

157 LF OF 8" PVC @ 0.40%

80 LF OF 6" PVC @ 1.0%

52 LF OF 6" PVC @ 1.0%

81 LF OF 6" PVC @ 1.0%

71 LF OF 8" DUCTILE IRON PIPE

SAVE SUGAR MAPLES

SHERMAN AVENUE

EXISTING 20' PUBLIC WATER MAIN EASEMENT WITH 8" PIPE

NOTE: ALTERNATE WATER MAIN LAYOUTS MAY BE POSSIBLE / REQUIRED WITH CONNECTIONS TO EXISTING PUBLIC MAIN WITHIN EASEMENT ON ADJACENT LOT. WILL NEED TO BE DISCUSSED WITH CITY STAFF.

PROPOSED BUILDING A
FFE = 866.0
BFE = 856.0

WATER BUILDING CONNECTION LOCATION. COORDINATE WITH INTERIOR PLUMBING PLANS.

SANITARY BUILDING CONNECTION LOCATION
I.E. = 956.46
COORDINATE WITH INTERIOR PLUMBING PLANS.

PROPOSED BUILDING B.1
FFE = 864.0

SANITARY BUILDING CONNECTION LOCATION
I.E. = 957.84
COORDINATE WITH INTERIOR PLUMBING PLANS.

PROPOSED BUILDING B.2
FFE = 863.0

SANITARY BUILDING CONNECTION LOCATION
I.E. = 958.84
COORDINATE WITH INTERIOR PLUMBING PLANS.

PROPOSED BUILDING B.3
FFE = 862.0

SANITARY BUILDING CONNECTION LOCATION
I.E. = 958.04
COORDINATE WITH INTERIOR PLUMBING PLANS.

PROPOSED BUILDING C
FFE = 863.0
BFE = 853.0

WATER BUILDING CONNECTION LOCATION. COORDINATE WITH INTERIOR PLUMBING PLANS.

SANITARY BUILDING CONNECTION LOCATION
I.E. = 957.78
COORDINATE WITH INTERIOR PLUMBING PLANS.

PRIVATE HYDRANT WITH 8" WATER SERVICE

PRIVATE HYDRANT WITH 8" WATER SERVICE

PROPOSED PUBLIC STREET

STORMWATER MANAGEMENT

STORMWATER MANAGEMENT

PUBLIC STORMWATER MANAGEMENT

PUBLIC STORMWATER MANAGEMENT

STORMWATER MANAGEMENT

209.68'

PUBLIC STORM SEWER MANHOLE LOCATED IN THIS AREA. NOT SHOWN IN SURVEY. 844.65 I.E. PER CITY RECORDS.

EXISTING 20' PUBLIC WATER MAIN EASEMENT WITH 8" PIPE

NOTE: ALTERNATE WATER MAIN LAYOUTS MAY BE POSSIBLE / REQUIRED WITH CONNECTIONS TO EXISTING PUBLIC MAIN WITHIN EASEMENT ON ADJACENT LOT. WILL NEED TO BE DISCUSSED WITH CITY STAFF AND ADJACENT PROPERTY TO UNDERSTAND VIABILITY.

EXISTING 15' PUBLIC STORM SEWER EASEMENT WITH 36" RCP PIPE

PRIVATE SITE MANHOLE. STORM SEWER ALIGNMENT / CONNECTION NOT SHOWN CORRECTLY

NEW MANHOLE AT STORM SEWER CONNECTION INTO EXISTING 36" STORM SEWER LOCATED IN THIS AREA. STORM SEWER ALIGNMENT SHOWN INCORRECTLY IN THE BACKGROUND SURVEY. INVERT ELEVATION SHOWN PER CITY RECORDS.
I.E. (SW/NE) = 844.4 ± (36" RCP)
I.E. (NW) = 846.00 (18" HDPE)

NEW STORM SEWER CONNECTION TO THE YAHARA RIVER. EASEMENT FROM CITY PARKS IS REQUIRED. REPLACE EXISTING CURB AND GUTTER AND ASPHALT ON EXISTING DRIVEWAY AND CONCRETE PAD WITH CANOE STORAGE.

LEGEND (PROPOSED)

- PROPOSED PROPERTY BOUNDARY
- EASEMENT
- BUILDING FOOTPRINT
- 18" CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- WAT — PROPOSED WATER MAIN
- SAN — PROPOSED SANITARY SEWER
- STM — PROPOSED STORM SEWER
- GAS — PROPOSED GAS SERVICE (DESIGN BY OTHERS)
- E — PROPOSED ELECTRIC SERVICE (DESIGN BY OTHERS)
- STORMWATER TREATMENT FACILITY

NORTH
0' 15' 30' 45'
1"=30' ON 30"X42"
NTS ON 11"X17"

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS PROVIDED TO WYSER ENGINEERING. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY IN THESE PLANS. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. ALL WORK IN THESE AREAS ARE TO BE BASED ON CITY OF MADISON ISSUED PLANS NOT INCLUDED IN THIS PRIVATE DEVELOPMENT PLAN SET.

UTILITY NOTES

1. DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
2. 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.
3. CONTRACTOR SHALL VERIFY ALL ELEVATIONS, LOCATIONS, AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH ENGINEERING PLANS DESIGNED TO MEET ORDINANCES AND REQUIREMENTS OF THE MUNICIPALITY AND WISDOT, WISDSPS, AND WDNR.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
   - EXAMINING ALL SITES 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 UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
   - NOTIFYING ALL UTILITIES PRIOR TO THE INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
   - NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED 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.
10. 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 OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE. NO BLASTING IS ALLOWED WITHIN 30 FEET OF EXISTING UTILITIES.
11. ALL PRIVATE INTERCEPTOR WATER MAIN AND WATER SERVICES SHALL BE INSTALLED WITH A 6' MINIMUM BURY. PROVIDE INSULATION ABOVE PIPES WITH LESS THAN 5' OF GROUND COVER.
12. GRANULAR BACKFILL MATERIALS ARE REQUIRED IN ALL UTILITY TRENCHES UNDER SIDEWALKS AND PROPOSED PAVED AREAS (UNLESS OTHERWISE SPECIFIED BY A GEOTECHNICAL ENGINEER). ALL UTILITY TRENCH BACKFILL SHALL BE COMPACTED PER SPECIFICATIONS. ALL PAVEMENT PATCHING SHALL COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. ADDITIONAL PAVEMENT MILLING AND OVERLAY MAY BE REQUIRED BY PERMIT.
13. CONTRACTOR SHALL NOTIFY THE MUNICIPAL PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.
14. ALL NON-METALLIC BUILDING SEWER AND WATER SERVICES MUST BE ACCOMPANIED BY MEANS OF LOCATING UNDERGROUND PIPE. TRACER WIRE VALVE BOXES SHALL BE INSTALLED ON ALL LATERALS AND AS INDICATED ON THESE PLANS.
15. ALL EXTERIOR CLEANOUTS SHALL BE PROVIDED WITH A FROST SLEEVE IN ACCORDANCE WITH SPS 382.34(5)(a)b AND SPS 384.30(2)(c).
16. ALL PRIVATE PLUMBING MATERIALS SHALL CONFORM TO SPS 384.30.
17. ALL PRIVATE PIPE JOINTS SHALL BE INSTALLED PER SPS 384.40.
18. ALL PRIVATE WATER PIPE, INCLUDING DEPTH AND SERRATION REQUIREMENTS, SHALL BE IN ACCORDANCE WITH SPS 382.40(8).
19. THE CONTRACTOR SHALL ALLOW 10 WORKING DAYS FOR THE CONSTRUCTION OF GAS MAINS WHEN SCHEDULING THE WORK AND SHALL NOT RESTRICT ACCESS TO THE GAS MAIN CONTRACTOR OR OTHER UTILITY COMPANIES.
20. INLET CASTINGS SHALL BE SET TO GRADE PRIOR TO AND SEPARATE FROM THE POURING OF THE CONCRETE CURB AND GUTTER. IS IS REQUIRED THAT THREE FEET OF CONCRETE CURB AND GUTTER ON EACH SIDE OF THE INLET SHALL BE POURED BY HAND, NOT THROUGH THE USE OF A CURB MACHINE. THE INLET CASTING SHALL BE SET TO GRADE ON A BED OF MORTAR WHICH SHALL BE A MINIMUM OF TWO INCHES THICK. THE INLET SHALL BE PLACED ON THE MORTAR BED AND SHALL BE ADJUSTED TO GRADE BY APPLYING DIRECT PRESSURE TO THE CASTING. ONCE THE CASTING ADJUSTMENT IS COMPLETE, THREE FEET OF CURB AND GUTTER ON EACH SIDE OF THE CASTING SHALL BE POURED BY HAND.
21. CONTRACTOR SHALL VERIFY AND COORDINATE ALL UTILITY CONNECTIONS WITH THE BUILDING PRIOR TO CONSTRUCTION.
22. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO BE IN CONFORMANCE WITH THE CITY EROSION CONTROL AND STORMWATER ORDINANCE, AND DNR ADMINISTRATIVE RULE NR 216 AT ALL TIMES.

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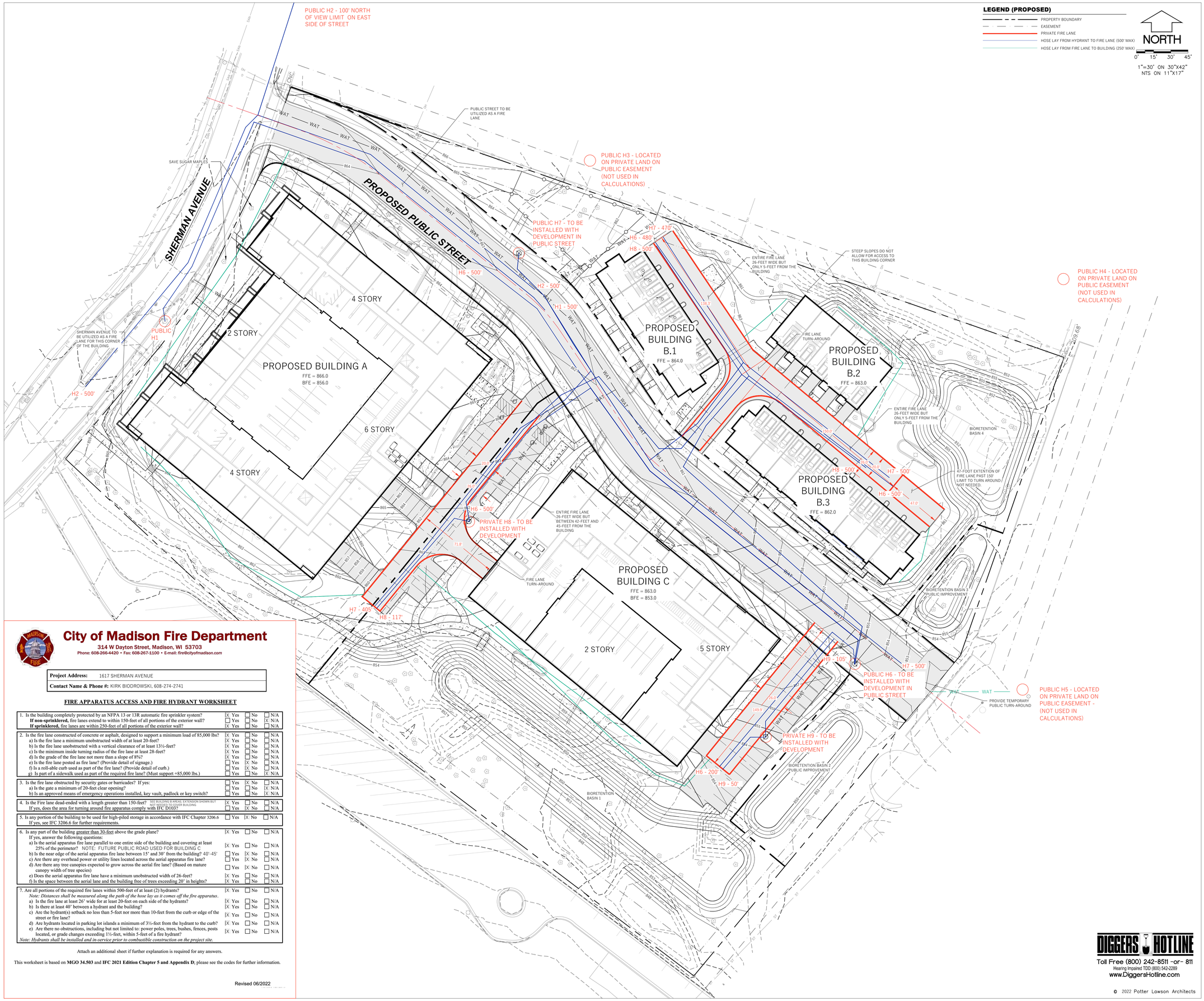
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UTILITY PLAN

C300

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City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703
Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address: 1617 SHERMAN AVENUE

Contact Name & Phone #: KIRK BIODROWSKI, 608-274-2741

FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system?	[X] Yes	[ ] No	[ ] N/A
If non-sprinklered, fire lanes extend to within 150-feet of all portions of the exterior wall?	[ ] Yes	[ ] No	[X] N/A
If sprinklered, fire lanes are within 250-feet of all portions of the exterior wall?	[X] Yes	[ ] No	[ ] N/A
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs?	[X] Yes	[ ] No	[ ] N/A
a) Is the fire lane a minimum unobstructed width of at least 20-feet?	[X] Yes	[ ] No	[ ] N/A
b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet?	[X] Yes	[ ] No	[ ] N/A
c) Is the minimum inside turning radius of the fire lane at least 28-feet?	[X] Yes	[ ] No	[ ] N/A
d) Is the grade of the fire lane not more than a slope of 8%?	[X] Yes	[ ] No	[ ] N/A
e) Is the fire lane posted as fire lane? (Provide detail of signage.)	[ ] Yes	[X] No	[ ] N/A
f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.)	[ ] Yes	[X] No	[ ] N/A
g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	[ ] Yes	[ ] No	[X] N/A
3. Is the fire lane obstructed by security gates or barricades? If yes:	[ ] Yes	[X] No	[ ] N/A
a) Is the gate a minimum of 20-feet clear opening?	[ ] Yes	[ ] No	[X] N/A
b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	[ ] Yes	[ ] No	[X] N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet? TO ENSURE A FINAL EXTENSION SHOWN BUT NOT NEEDED TO COVER BUILDING	[X] Yes	[ ] No	[ ] N/A
If yes, does the area for turning around fire apparatus comply with IFC D103?	[ ] Yes	[X] No	[ ] N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6 If yes, see IFC 3206.6 for further requirements.	[ ] Yes	[X] No	[ ] N/A
6. Is any part of the building greater than 30-feet above the grade plane?	[X] Yes	[ ] No	[ ] N/A
If yes, answer the following questions:			
a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter? NOTE: FUTURE PUBLIC ROAD USED FOR BUILDING C	[X] Yes	[ ] No	[ ] N/A
b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building? 40'-45'	[ ] Yes	[X] No	[ ] N/A
c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?	[ ] Yes	[X] No	[ ] N/A
d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species)	[ ] Yes	[X] No	[ ] N/A
e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet?	[X] Yes	[ ] No	[ ] N/A
f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	[X] Yes	[ ] No	[ ] N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants?	[X] Yes	[ ] No	[ ] N/A
Note: Distances shall be measured along the path of the hose lay as it comes off the fire apparatus.			
a) Is the fire lane at least 26' wide for at least 20-feet on each side of the hydrants?	[X] Yes	[ ] No	[ ] N/A
b) Is there at least 40' between a hydrant and the building?	[X] Yes	[ ] No	[ ] N/A
c) Are the hydrant(s) setback no less than 5-feet nor more than 10-feet from the curb or edge of the street or fire lane?	[X] Yes	[ ] No	[ ] N/A
d) Are hydrants located in parking lot islands a minimum of 3½-feet from the hydrant to the curb?	[X] Yes	[ ] No	[ ] N/A
e) Are there no obstructions, including but not limited to: power poles, trees, bushes, fences, posts located, or grade changes exceeding 1½-feet, within 5-feet of a fire hydrant?	[X] Yes	[ ] No	[ ] N/A

Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.

Attach an additional sheet if further explanation is required for any answers.

This worksheet is based on **MGO 34.503** and **IFC 2021 Edition Chapter 5 and Appendix D**; please see the codes for further information.

Revised 06/2022

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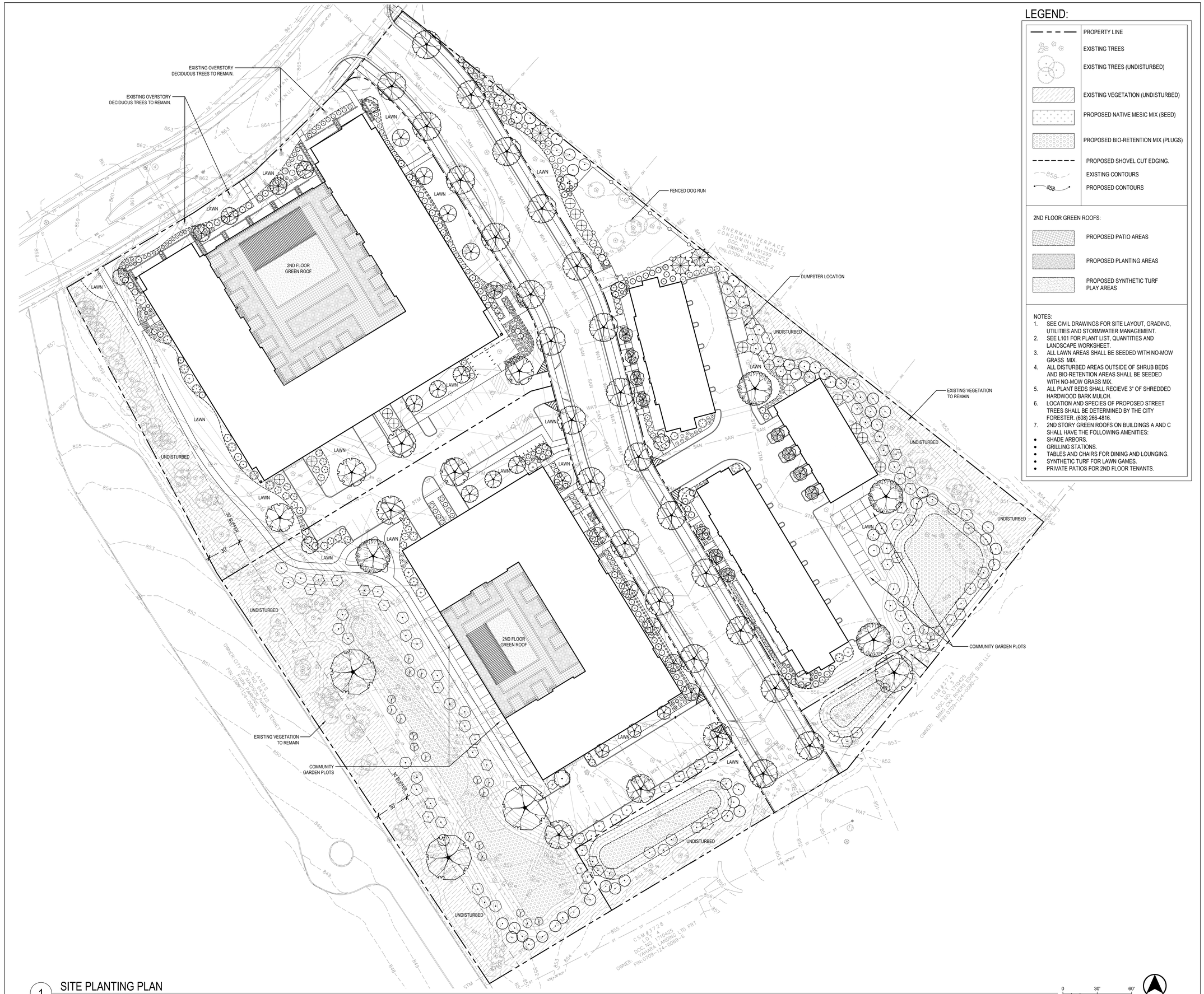
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FIRE APPARATUS

EX. FIRE

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LEGEND:

- PROPERTY LINE
- EXISTING TREES
- EXISTING TREES (UNDISTURBED)
- EXISTING VEGETATION (UNDISTURBED)
- PROPOSED NATIVE MESIC MIX (SEED)
- PROPOSED BIO-RETENTION MIX (PLUGS)
- PROPOSED SHOVEL CUT EDGING.
- EXISTING CONTOURS
- PROPOSED CONTOURS

2ND FLOOR GREEN ROOFS:

- PROPOSED PATIO AREAS
- PROPOSED PLANTING AREAS
- PROPOSED SYNTHETIC TURF PLAY AREAS

NOTES:

1. SEE CIVIL DRAWINGS FOR SITE LAYOUT, GRADING, UTILITIES AND STORMWATER MANAGEMENT.
2. SEE L101 FOR PLANT LIST, QUANTITIES AND LANDSCAPE WORKSHEET.
3. ALL LAWN AREAS SHALL BE SEEDED WITH NO-MOW GRASS MIX.
4. ALL DISTURBED AREAS OUTSIDE OF SHRUB BEDS AND BIO-RETENTION AREAS SHALL BE SEEDED WITH NO-MOW GRASS MIX.
5. ALL PLANT BEDS SHALL RECIEVE 3" OF SHREDDED HARDWOOD BARK MULCH.
6. LOCATION AND SPECIES OF PROPOSED STREET TREES SHALL BE DETERMINED BY THE CITY FORESTER. (608) 266-4816.
7. 2ND STORY GREEN ROOFS ON BUILDINGS A AND C SHALL HAVE THE FOLLOWING AMENITIES:
   - SHADE ARBORS.
   - GRILLING STATIONS.
   - TABLES AND CHAIRS FOR DINING AND LOUNGING.
   - SYNTHETIC TURF FOR LAWN GAMES.
   - PRIVATE PATIOS FOR 2ND FLOOR TENANTS.

1 SITE PLANTING PLAN
SCALE: 1"=30'-0"

0 30' 60'
1" = 30'-0"

NORTH

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jporter@figureground-design.com
608-345-5101

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1617 SHERMAN AVE BLDG A
VERMILION

1617 SHERMAN AVE
MADISON, WI 53704

2022.21.00

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LANDSCAPE PLAN

L100

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PLANT SCHEDULE BUILDING A

EVERGREEN TREES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Juniperus chinensis 'J.N. Select Blue' Star Power Juniper	See Height	B&B	8`	ADAPTIVE	6

ORNAMENTAL TREES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Carpinus caroliniana `J.N. Upright' Firespire Musclewood	Multi-Stem	B&B	8`	WI NATIVE CULTIVAR	5
	Crataegus viridis 'Winter King' Winter King Hawthorn	2.5" Cal.	B&B	10`	ADAPTIVE	2
	Malus sargentii 'Tina' Tina Sargent Crabapple	See Height	B&B	4`	ADAPTIVE	4

OVERSTORY DECIDUOUS TREES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Gleditsia triacanthos inermis 'Draves' Street Keeper® Honey Locust	3" Cal.	B&B	18`	ADAPTIVE	7
	Ostrya virginiana Ironwood	3" Cal.	B&B	12`	WI NATIVE	5
	Ulmus x 'Morton' Accolade™ Elm	3" Cal.	B&B	18`	ADAPTIVE	4

DECIDUOUS SHRUBS	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Aronia melanocarpa 'Morton' Iroquois Beauty™ Black Chokeberry	#3	Container	24"	WI NATIVE CULTIVAR	29
	Aronia melanocarpa `UCONNAM165` TM Low Scape Mound Black Chokeberry	#3	Container	18"	WI NATIVE CULTIVAR	51
	Diervilla lonicera `Copper' Copper Low Bush Honeysuckle	#3	Container	18"	WI NATIVE CULTIVAR	34
	Diervilla lonicera `Michigan Sunset' Michigan Sunset Honeysuckle	#3	Container	24"	WI NATIVE CULTIVAR	19
	Forsythia x `Meadowlark' Meadowlark Forsythia	#5	Container	48"	ADAPTIVE	2
	Rhus aromatica `Gro-Low' Gro-Low Fragrant Sumac	#3	Container	18"	WI NATIVE CULTIVAR	11
	Spiraea fritschiana `J.N. Select A' Pink-a-licious™ Fritch Spirea	#3	Container	24"	ADAPTIVE	27
	Spiraea japonica 'Magic Carpet' PP9,363 Magic Carpet Spirea	#3	Container	24"	ADAPTIVE	6
	Viburnum dentatum 'Ralph Senior' Autumn Jazz Viburnum	#5	Container	36"	ADAPTIVE	4
	Viburnum dentatum `Christom' Blue Muffin Viburnum	#5	Container	36"	ADAPTIVE	6
	Viburnum dentatum `Rastzam' Raspberry Tart Viburnum	#5	Container	36"	ADAPTIVE	3

EVERGREEN SHRUBS	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Juniperus chinensis `Pfiteriana Kallay' Kallay`s Compact Pfitzer Juniper	#5	Container	18"	ADAPTIVE	18
	Juniperus x pfitzeriana 'Sea Green' Sea Green Pfitzer Juniper	#5	Container	30"	ADAPTIVE	3
	Taxus x media `Tauntonii' Tauton Yew	#5	Container	24"	ADAPTIVE	16
	Thuja occidentalis 'Bobozam' Mr. Bowling Ball® Arborvitae	#5	Container	18"	ADAPTIVE	18

GRASSES & SEDGES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Miscanthus sinensis `Gracillimus` Gracillimus Eulalia Grass	#1	Container	N/A	ADAPTIVE	12

HERBACEOUS PERENNIALS	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Geranium macrorrhizum `Beven`s Variety' Beven`s Variety Geranium	#1	Container	N/A	ADAPTIVE	12
	Hemerocallis x `Happy Returns` Happy Returns Daylily	#1	Container	N/A	ADAPTIVE	34
	Hosta x `Guacamole` Guacamole Hosta	#1	Container	N/A	ADAPTIVE	9

PLANT SCHEDULE BUILDING B

EVERGREEN TREES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Juniperus chinensis 'J.N. Select Blue' Star Power Juniper	See Height	B&B	8`	ADAPTIVE	3
	Picea glauca 'Densata' Black Hills Spruce	See Height	B&B	12`	WI NATIVE CULTIVAR	3

ORNAMENTAL TREES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Crataegus crus-galli var. inermis Thornless Cockspur Hawthorn	Multi-Stem	B&B	10`	WI NATIVE CULTIVAR	1
	Crataegus viridis 'Winter King' Winter King Hawthorn	2.5" Cal.	B&B	10`	ADAPTIVE	4
	Malus sargentii 'Tina' Tina Sargent Crabapple	See Height	B&B	4`	ADAPTIVE	1

OVERSTORY DECIDUOUS TREES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Ginkgo biloba 'Princeton Sentry' Princeton Sentry Maidenhair Tree	3" Cal.	B&B	14`	ADAPTIVE	11
	Gleditsia triacanthos inermis `Skycole` TM Skyline Thornless Honey Locust	3" Cal.	B&B	18`	ADAPTIVE	3
	Populus grandidentata Largetooth Aspen	See Height	Bare Root	8`	WI NATIVE	30

DECIDUOUS SHRUBS	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Aronia arbutifolia `Brilliantissima` Brilliant Red Chokeberry	#5	Container	36"	ADAPTIVE	9
	Cornus sericea Red Twig Dogwood	#3	Container	36"	WI NATIVE	2
	Cornus sericea 'Alleman's Compact' Alleman's Compact Dogwood	#3	Container	36"	WI NATIVE CULTIVAR	24
	Cornus sericea 'Flaviramea' Yellow Twig Dogwood	#3	Container	36"	WI NATIVE CULTIVAR	1
	Diervilla lonicera `Copper' Copper Low Bush Honeysuckle	#3	Container	18"	WI NATIVE CULTIVAR	23
	Diervilla lonicera `Michigan Sunset' Michigan Sunset Honeysuckle	#3	Container	24"	WI NATIVE CULTIVAR	20
	Forsythia x `Meadowlark' Meadowlark Forsythia	#5	Container	48"	ADAPTIVE	1
	Rhus glabra Smooth Sumac	#5	Container	48"	WI NATIVE	30
	Rhus typhina Staghorn Sumac	#5	Container	48"	WI NATIVE	26
	Spiraea fritschiana `J.N. Select A' Pink-a-licious™ Fritch Spirea	#3	Container	24"	ADAPTIVE	5
	Spiraea japonica 'Goldmound' Goldmound Japanese Spirea	#3	Container	24"	ADAPTIVE	12
	Spiraea japonica 'Magic Carpet' PP9,363 Magic Carpet Spirea	#3	Container	24"	ADAPTIVE	5
	Viburnum dentatum 'Ralph Senior' Autumn Jazz Viburnum	#5	Container	36"	ADAPTIVE	13
	Viburnum dentatum `Christom' Blue Muffin Viburnum	#5	Container	36"	ADAPTIVE	6
	Viburnum dentatum `Rastzam' Raspberry Tart Viburnum	#5	Container	36"	ADAPTIVE	9

EVERGREEN SHRUBS	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Juniperus chinensis `Pfiteriana Kallay' Kallay`s Compact Pfitzer Juniper	#5	Container	18"	ADAPTIVE	27
	Juniperus x pfitzeriana 'Sea Green' Sea Green Pfitzer Juniper	#5	Container	30"	ADAPTIVE	5
	Thuja occidentalis 'Bobozam' Mr. Bowling Ball® Arborvitae	#5	Container	18"	ADAPTIVE	29

GRASSES & SEDGES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Miscanthus sinensis `Gracillimus` Gracillimus Eulalia Grass	#1	Container	N/A	ADAPTIVE	26

HERBACEOUS PERENNIALS	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Hemerocallis x `Happy Returns` Happy Returns Daylily	#1	Container	N/A	ADAPTIVE	25

PLANT SCHEDULE BUILDING C

EVERGREEN TREES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Juniperus chinensis 'J.N. Select Blue' Star Power Juniper	See Height	B&B	8`	ADAPTIVE	2

ORNAMENTAL TREES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Carpinus caroliniana `J.N. Upright' Firespire Musclewood	Multi-Stem	B&B	8`	WI NATIVE CULTIVAR	3
	Crataegus viridis 'Winter King' Winter King Hawthorn	2.5" Cal.	B&B	10`	ADAPTIVE	3

OVERSTORY DECIDUOUS TREES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Ginkgo biloba 'Princeton Sentry' Princeton Sentry Maidenhair Tree	3" Cal.	B&B	14`	ADAPTIVE	3
	Gleditsia triacanthos inermis 'Draves' Street Keeper® Honey Locust	3" Cal.	B&B	18`	ADAPTIVE	3
	Gleditsia triacanthos inermis `Skycole` TM Skyline Thornless Honey Locust	3" Cal.	B&B	18`	ADAPTIVE	1
	Ostrya virginiana Ironwood	3" Cal.	B&B	12`	WI NATIVE	6
	Populus grandidentata Largetooth Aspen	See Height	Bare Root	8`	WI NATIVE	11
	Quercus macrocarpa Burr Oak	3" Cal.	B&B	18`	WI NATIVE	3
	Ulmus x 'Morton' Accolade™ Elm	3" Cal.	B&B	18`	ADAPTIVE	5

DECIDUOUS SHRUBS	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Aronia melanocarpa 'Morton' Iroquois Beauty™ Black Chokeberry	#3	Container	24"	WI NATIVE CULTIVAR	23
	Cornus sericea Red Twig Dogwood	#3	Container	36"	WI NATIVE	11
	Cornus sericea 'Flaviramea' Yellow Twig Dogwood	#3	Container	36"	WI NATIVE CULTIVAR	7
	Diervilla lonicera `Copper' Copper Low Bush Honeysuckle	#3	Container	18"	WI NATIVE CULTIVAR	4
	Forsythia x `Meadowlark' Meadowlark Forsythia	#5	Container	48"	ADAPTIVE	4
	Rhus aromatica `Gro-Low' Gro-Low Fragrant Sumac	#3	Container	18"	WI NATIVE CULTIVAR	10
	Rhus glabra Smooth Sumac	#5	Container	48"	WI NATIVE	18
	Rhus typhina Staghorn Sumac	#5	Container	48"	WI NATIVE	27
	Spiraea fritschiana `J.N. Select A' Pink-a-licious™ Fritch Spirea	#3	Container	24"	ADAPTIVE	6

EVERGREEN SHRUBS	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Juniperus chinensis `Pfiteriana Kallay' Kallay`s Compact Pfitzer Juniper	#5	Container	18"	ADAPTIVE	4
	Juniperus x pfitzeriana 'Sea Green' Sea Green Pfitzer Juniper	#5	Container	30"	ADAPTIVE	4
	Taxus x media `Tauntonii' Tauton Yew	#5	Container	24"	ADAPTIVE	23
	Thuja occidentalis 'Bobozam' Mr. Bowling Ball® Arborvitae	#5	Container	18"	ADAPTIVE	2

GRASSES & SEDGES	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Miscanthus sinensis `Gracillimus` Gracillimus Eulalia Grass	#1	Container	N/A	ADAPTIVE	6

HERBACEOUS PERENNIALS	BOTANICAL / COMMON NAME	SIZE	STOCK	HEIGHT	WI NATIVE STATUS	QTY
	Geranium macrorrhizum `Beven`s Variety' Beven`s Variety Geranium	#1	Container	N/A	ADAPTIVE	27
	Hosta x `Guacamole` Guacamole Hosta	#1	Container	N/A	ADAPTIVE	20

City of Madison, WI Landscape Worksheet - 1617 Sherman Avenue

1/17/2023

Zoning: Traditional Residential - Urban District 2 (TR-U2)

Lots	Developed Area (SF)	Landscape Points Required	Landscape Points Achieved
Building 'A'	39,386	656	2,124
Building 'B'	64,104	1,068	1,568
Building 'C'	63,536	1,059	1,850
Total	167,026	**2,784**	**5,542**

BUILDING A Plant Type/Element	Points	Quantity	Points Achieved
Overstory deciduous trees	35	16	560
Tall evergreen trees	35	7	245
Ornamental trees	15	13	195
Upright evergreen shrubs	10	0	0
Shrubs, deciduous	3	194	582
Shrubs, evergreen	4	50	200
Ornamental grasses/perennials	2	59	118
Decorative fencing/wall	4/LF	0	0
Existing specimen tree	14/cal. inch	224	224
Landscape furniture (public)	5/seat	0	0
Total Points Achieved			**2,124**

BUILDING B Plant Type/Element	Points	Quantity	Points Achieved
Overstory deciduous trees	35	14	490
Tall evergreen trees	35	5	175
Ornamental trees	15	7	105
Upright evergreen shrubs	10	0	0
Shrubs, deciduous	3	152	456
Shrubs, evergreen	4	60	240
Ornamental grasses/perennials	2	51	102
Decorative fencing/wall	4/LF	0	0
Existing specimen tree	14/cal. inch	0	0
Landscape furniture (public)	5/seat	0	0
Total			**1,568**

BUILDING C Plant Type/Element	Points	Quantity	Points Achieved
Overstory deciduous trees	35	32	1120
Tall evergreen trees	35	2	70
Ornamental trees	15	6	90
Upright evergreen shrubs	10	0	0
Shrubs, deciduous	3	110	330
Shrubs, evergreen	4	33	132
Ornamental grasses/perennials	2	54	108
Decorative fencing/wall	4/LF	0	0
Existing specimen tree	14/cal. inch	0	0
Landscape furniture (public)	5/seat	0	0
Total			**1,850**

Development Frontage Landscaping (1) overstory deciduous tree and (5) shrubs /30 LF *(2) ornamental trees or (2) evergreen trees may be used in place of (1) overstory deciduous tree	Frontage (LF)	Overstory Trees Required	Overstory Trees Proposed/Existing	Shrubs Required	Shrubs Proposed/Existing
BUILDING A					
Sherman Avenue	**250**	**8**	**8**	**42**	**64**
			[(6) overstory trees and (4) ornamental trees]		
Proposed Public Street	**250**	**8**	**9**	**42**	**78**
			[(5) overstory trees and (8) ornamental trees]		
BUILDING B					
Proposed Public Street	**321**	**11**	**9**	**53**	**75**
			[(7) overstory trees and (8) ornamental trees]		
BUILDING C					
Proposed Public Street	**239**	**8**	**8**	**40**	**43**
			[(6) overstory trees and (4) ornamental trees]		

*Interior Parking Lot Landscaping (for lots with 20 or more parking spaces) - N/A
(No surface parking lots with 20 or more parking spaces)

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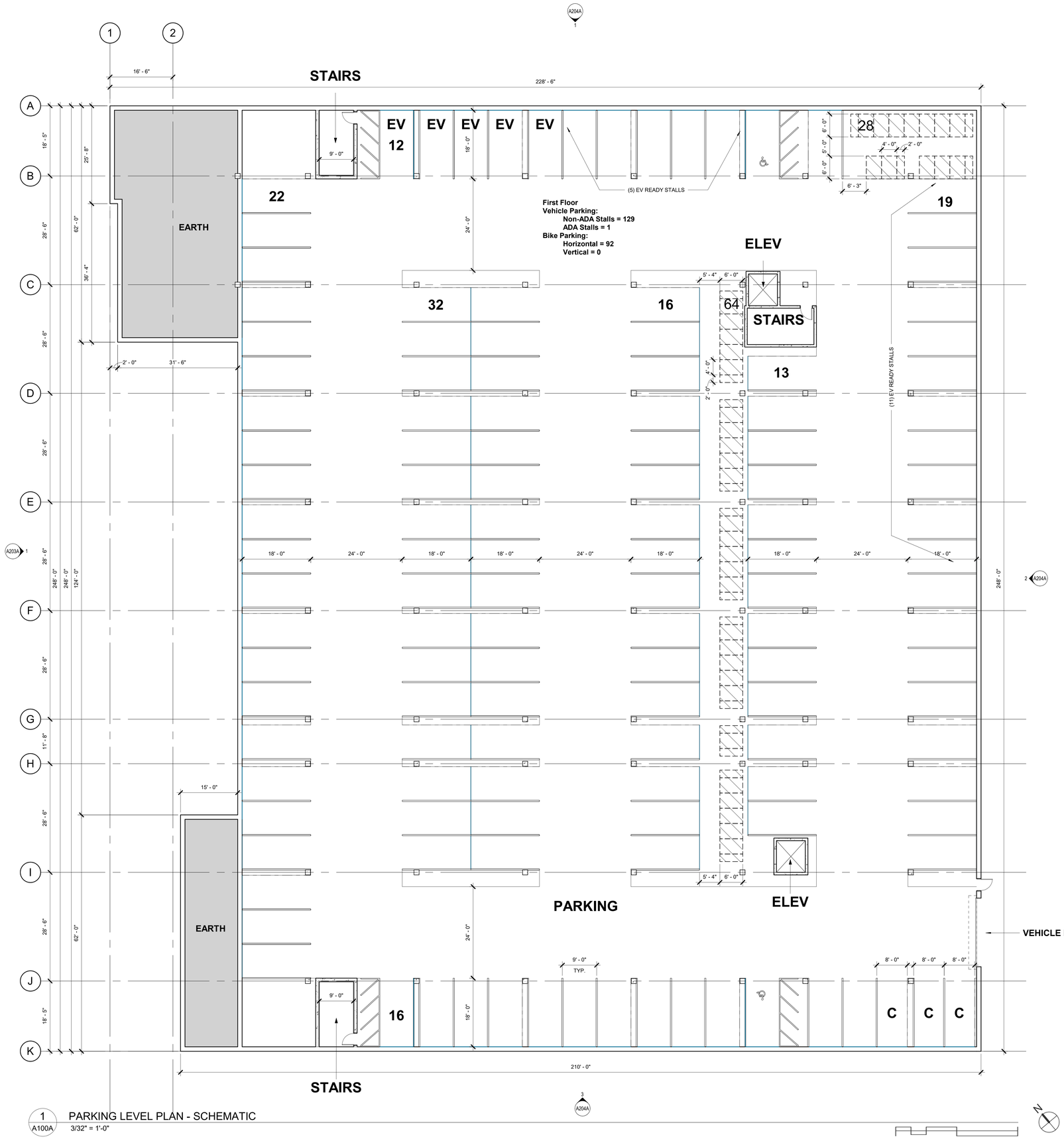
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PLANTING SCHEDULES AND LANDSCAPE WORKSHEET

L101



1 A100A PARKING LEVEL PLAN - SCHEMATIC

3/32" = 1'-0"

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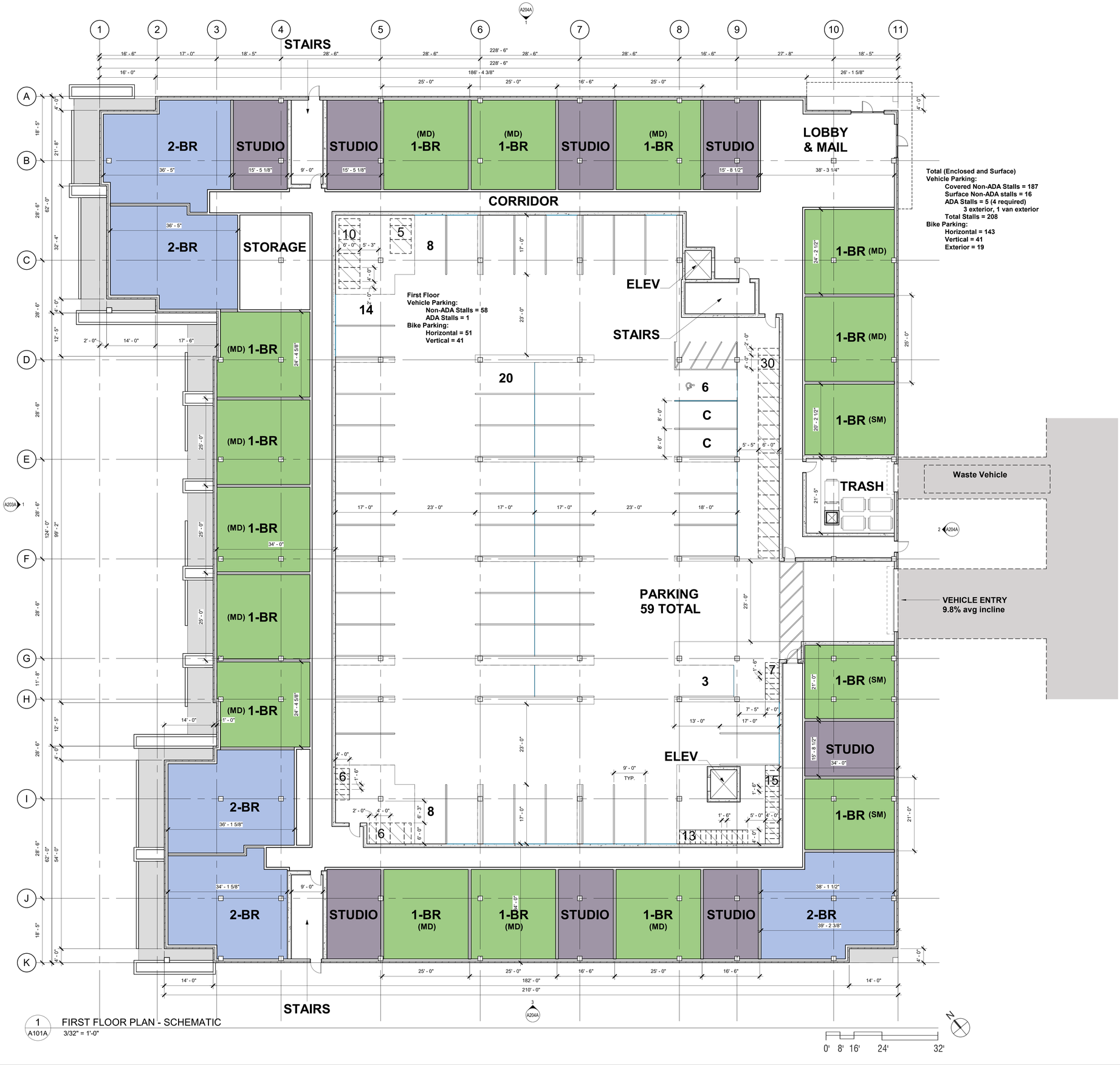
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PARKING LEVEL PLAN

A100A



1 A101A FIRST FLOOR PLAN - SCHEMATIC
3/32" = 1'-0"

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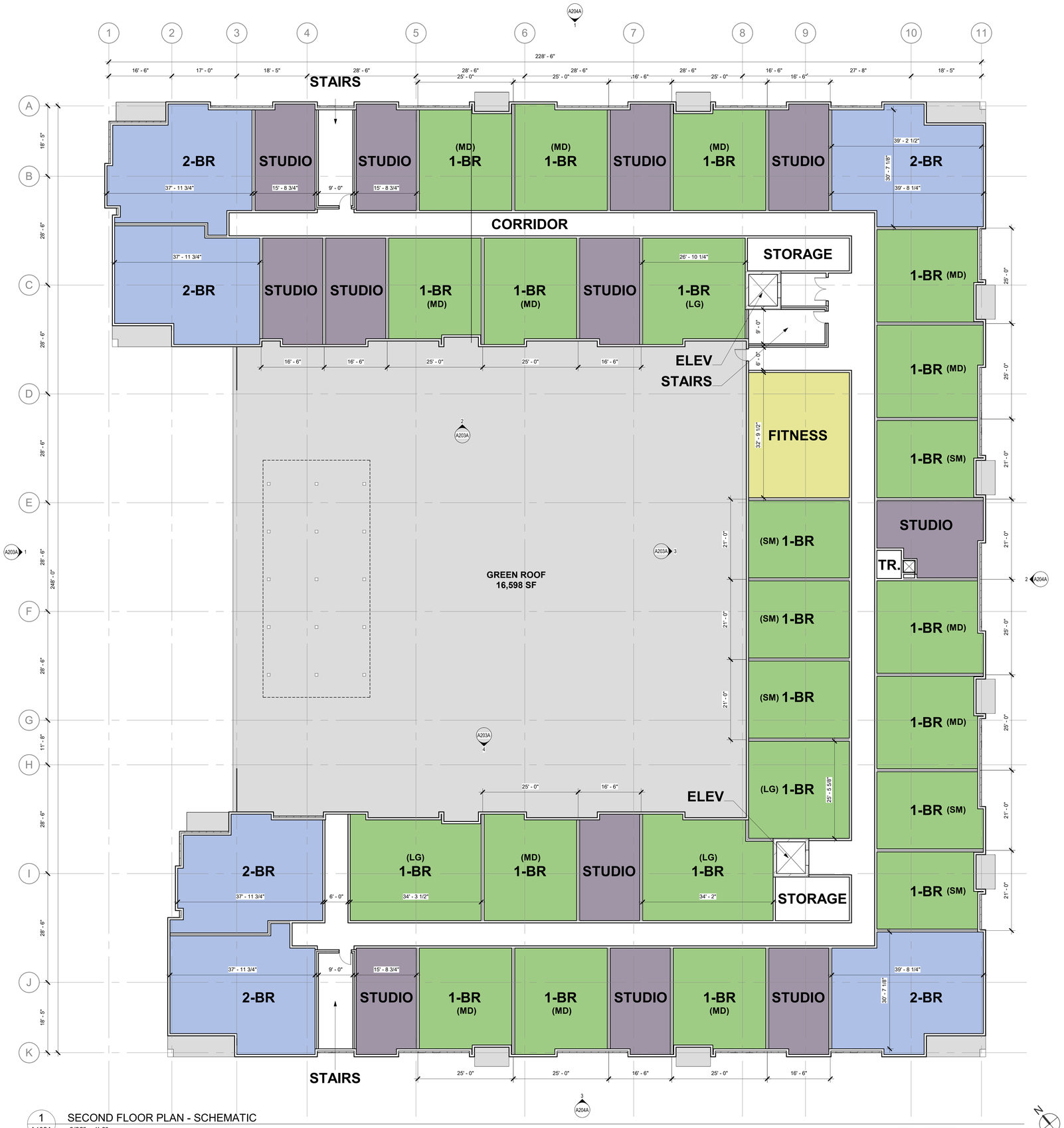
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FIRST FLOOR PLAN

A101A



1 A102A SECOND FLOOR PLAN - SCHEMATIC
3/32" = 1'-0"

0' 8' 16' 24' 32'

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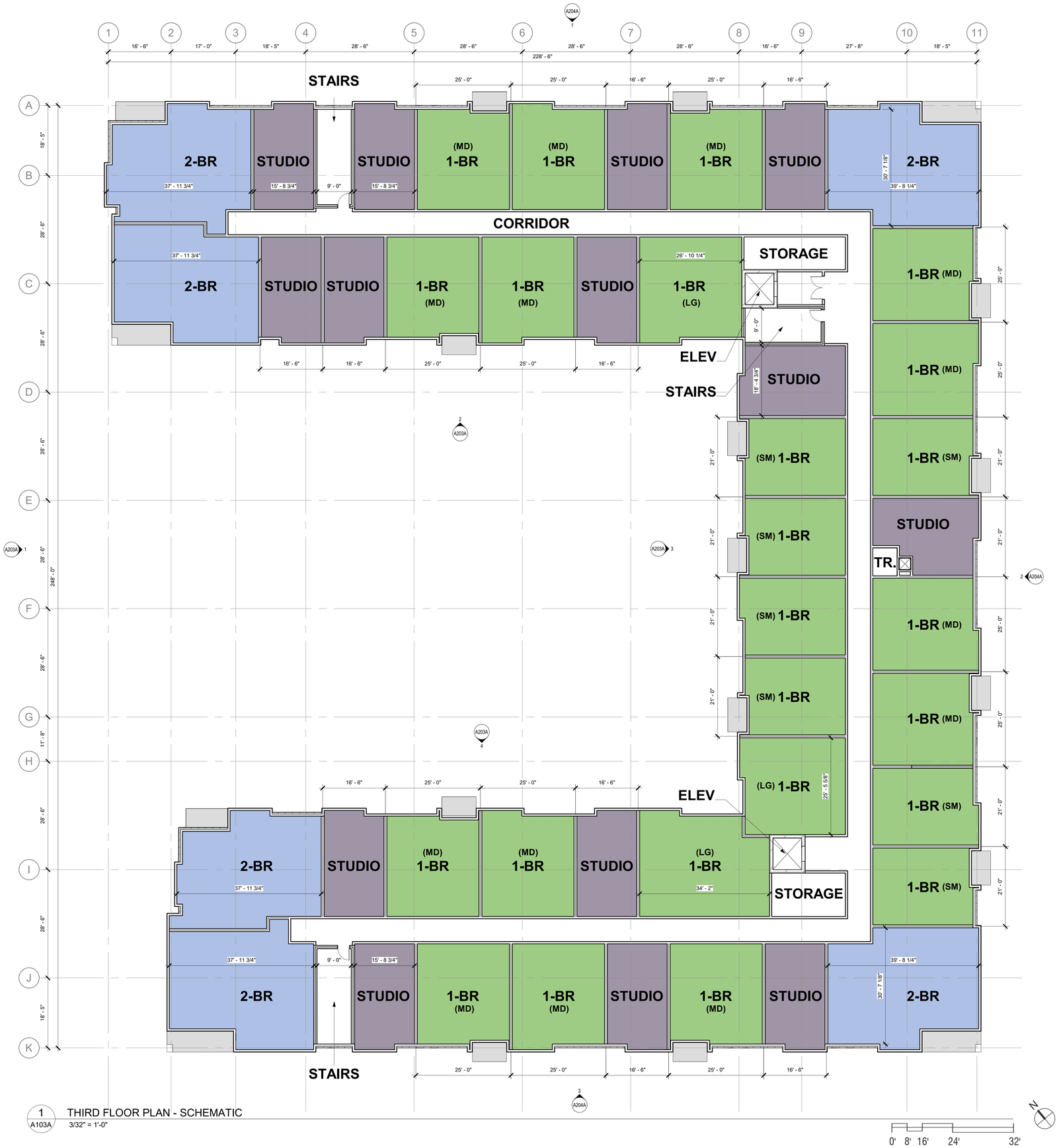
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SECOND FLOOR PLAN

A102A

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1 A103A THIRD FLOOR PLAN - SCHEMATIC
3/32" = 1'-0"

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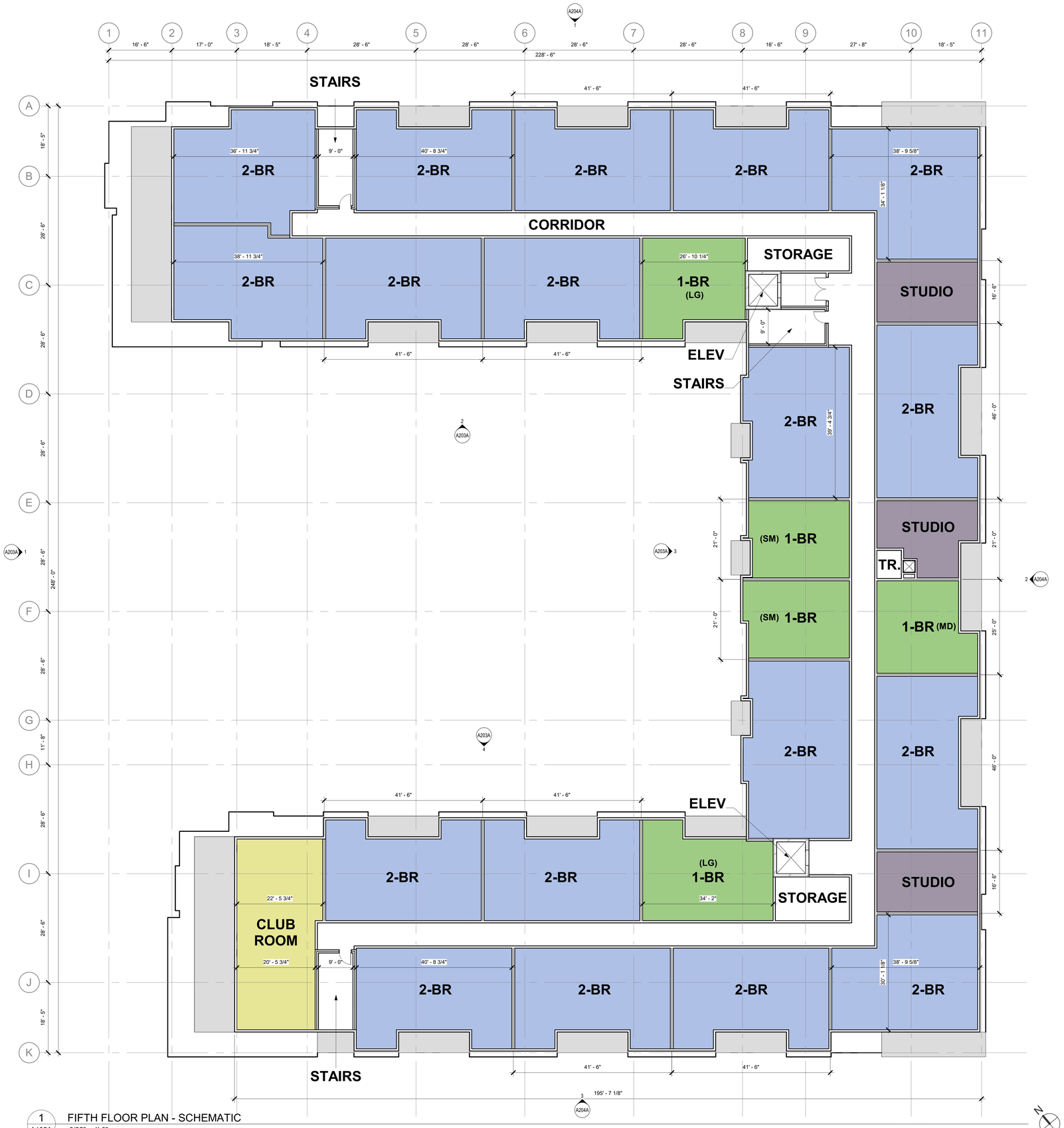
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THIRD-FOURTH FLOOR PLANS

A103A

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1 A105A FIFTH FLOOR PLAN - SCHEMATIC
3/32" = 1'-0"

0' 8' 16' 24' 32'

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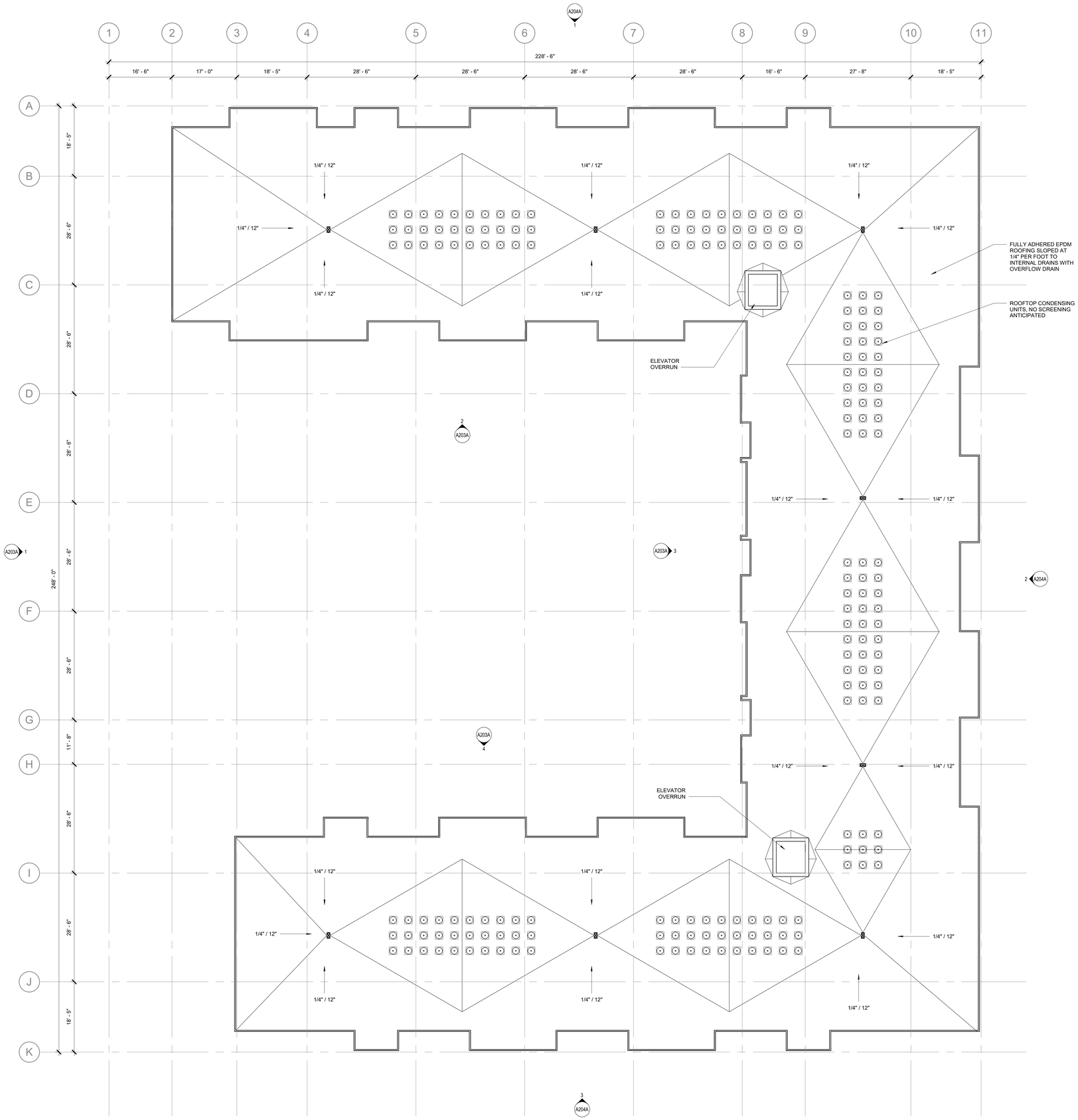
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FIFTH FLOOR PLAN

A105A

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1 A106A ROOF PLAN - SCHEMATIC

3/32" = 1'-0"

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ROOF PLAN

A106A



1 A201A WEST ELEVATION
3/32" = 1'-0"



2 A201A COURTYARD NORTH ELEVATION
3/32" = 1'-0"



3 A201A COURTYARD EAST ELEVATION
3/32" = 1'-0"



4 A201A COURTYARD SOUTH ELEVATION
3/32" = 1'-0"

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EXTERIOR MATERIALS

- A HARDIE PLANK LAP SIDING BEADED SMOOTH - IRON GRAY
- B HARDIE PLANK LAP SIDING BEADED SMOOTH - COBBLESTONE
- C ENDICOTT FACE BRICK - GRAY SANDS
- D ENDICOTT FACE BRICK - MANGANESE IRON SPOT
- E WOODTONE RUSTIC SERIES, JAMES HARDIE - SAND CASTLE, TYPICAL
- F HARDIE ARCHITECTURAL PANEL - FINE SAND PAINT
- G HARDIE ARCHITECTURAL PANEL - SEAGRASS PAINT
- H RAILING SYSTEM, TYPICAL
- I INTUS DOOR AND WINDOWS, TYPICAL
- J PRODIMA - PARKLEX NATURCLAD B CLADDING - MUSTARD
- K OVERHEAD COILING GARAGE DOOR
- L BRAKE METAL COPING - PAINT
- M ALUMINUM HOPPER AND DOWNSPOUT

GLAZING NOTES

APPROACH TO BIRD-FRIENDLY GLAZING:
- ALL FACADES ARE COMPOSED OF LESS THAN 50% GLAZING
- GLAZING AREAS ARE DIVIDED BY A MINIMUM OF 6" WHERE NECESSARY SO THAT NO AREA EXCEEDS 50 SF.

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BLDG A
VERMILION

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01/17/2023	LAND USE APPLICATION

BUILDING ELEVATIONS COLOR

A201A



1 A202A NORTH ELEVATION
3/32" = 1'-0"

0' 8' 16' 24' 32'



2 A202A EAST ELEVATION
3/32" = 1'-0"

0' 8' 16' 24' 32'



3 A202A SOUTH ELEVATION
3/32" = 1'-0"

0' 8' 16' 24' 32'

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EXTERIOR MATERIALS

- A HARDIE PLANK LAP SIDING BEADED SMOOTH - IRON GRAY
- B HARDIE PLANK LAP SIDING BEADED SMOOTH - COBBLESTONE
- C ENDICOTT FACE BRICK - GRAY SANDS
- D ENDICOTT FACE BRICK - MANGANESE IRON SPOT
- E WOODTONE RUSTIC SERIES, JAMES HARDIE - SAND CASTLE, TYPICAL
- F HARDIE ARCHITECTURAL PANEL - FINE SAND PAINT
- G HARDIE ARCHITECTURAL PANEL - SEAGRASS PAINT
- H RAILING SYSTEM, TYPICAL
- I INTUS DOOR AND WINDOWS, TYPICAL
- J PRODIMA - PARKLEX NATURCLAD B CLADDING - MUSTARD
- K OVERHEAD COILING GARAGE DOOR
- L BRAKE METAL COPING - PAINT
- M ALUMINUM HOPPER AND DOWNSPOUT

GLAZING NOTES

APPROACH TO BIRD-FRIENDLY GLAZING:

- ALL FACADES ARE COMPOSED OF LESS THAN 50% GLAZING
- GLAZING AREAS ARE DIVIDED BY A MINIMUM OF 6" WHERE NECESSARY SO THAT NO AREA EXCEEDS 50 SF.

PRELIMINARY
NOT FOR CONSTRUCTION

1617 SHERMAN AVE
BLDG A
VERMILION

1617 SHERMAN AVE
MADISON, WI 53704

2022.21.00

DATE	ISSUANCE/REVISIONS
01/17/2023	LAND USE APPLICATION

BUILDING ELEVATIONS COLOR

A202A



1 A203A WEST ELEVATION
3/32" = 1'-0"



2 A203A COURTYARD NORTH ELEVATION
3/32" = 1'-0"



3 A203A COURTYARD EAST ELEVATION
3/32" = 1'-0"



4 A203A COURTYARD SOUTH ELEVATION
3/32" = 1'-0"

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PRELIMINARY
NOT FOR CONSTRUCTION

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1617 SHERMAN AVE
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DATE	ISSUANCE/REVISIONS
01/17/2023	LAND USE APPLICATION

BUILDING ELEVATIONS B/W

A203A

1/17/2023 7:30:20 AM

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1 A204A NORTH ELEVATION
3/32" = 1'-0"

0' 8' 16' 24' 32'



2 A204A EAST ELEVATION
3/32" = 1'-0"

0' 8' 16' 24' 32'



3 A204A SOUTH ELEVATION
3/32" = 1'-0"

0' 8' 16' 24' 32'

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PRELIMINARY
NOT FOR CONSTRUCTION

1617 SHERMAN AVE
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VERMILION

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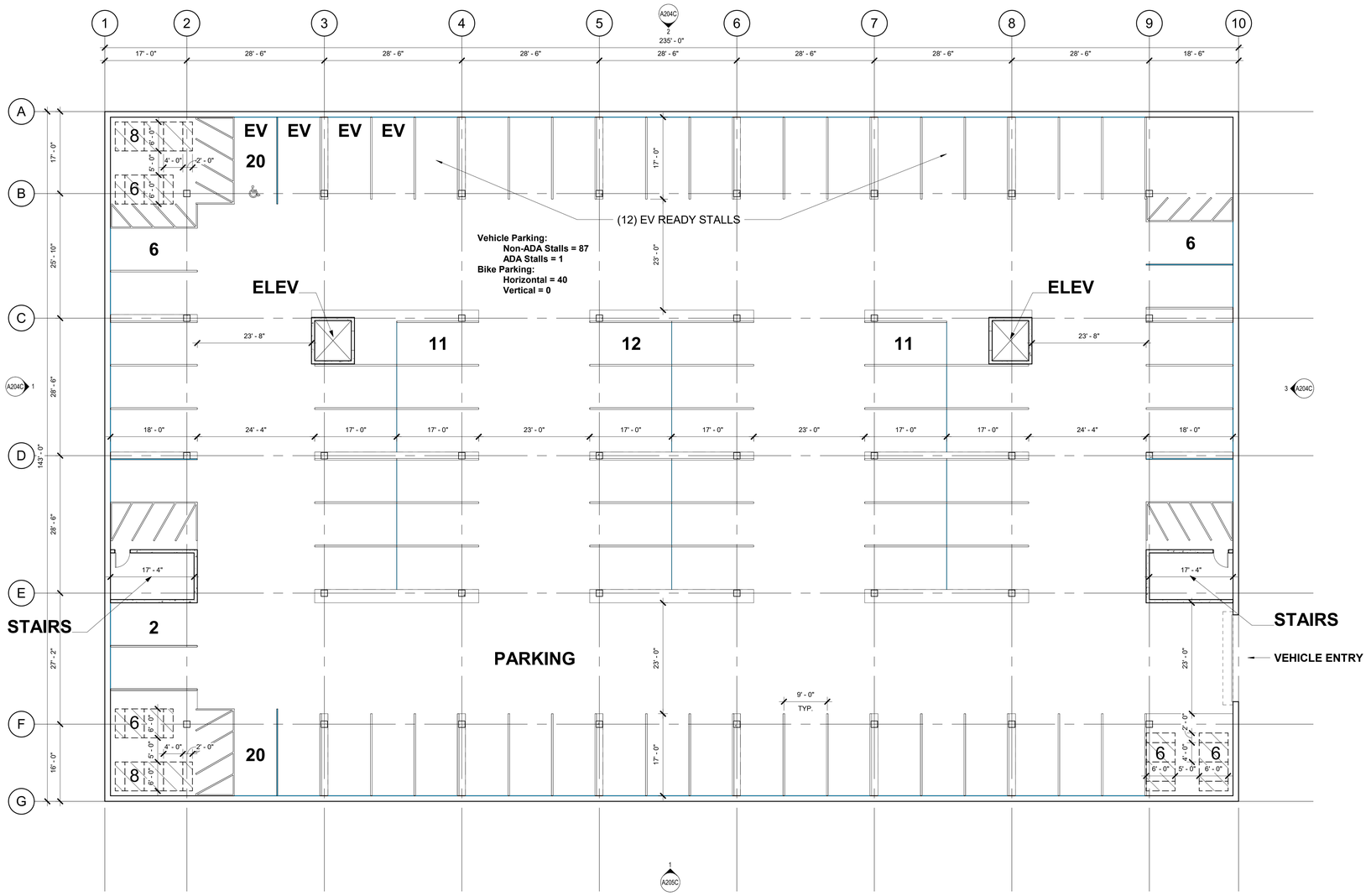
DATE	ISSUANCE/REVISIONS
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BUILDING ELEVATIONS B/W

A204A

1/17/2023 7:30:22 AM

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1 A100C PARKING LEVEL PLAN - SCHEMATIC

3/32" = 1'-0"

0' 4' 8' 16' 32'

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VERMILION

1617 SHERMAN AVE
MADISON, WI 53704

2022.21.00

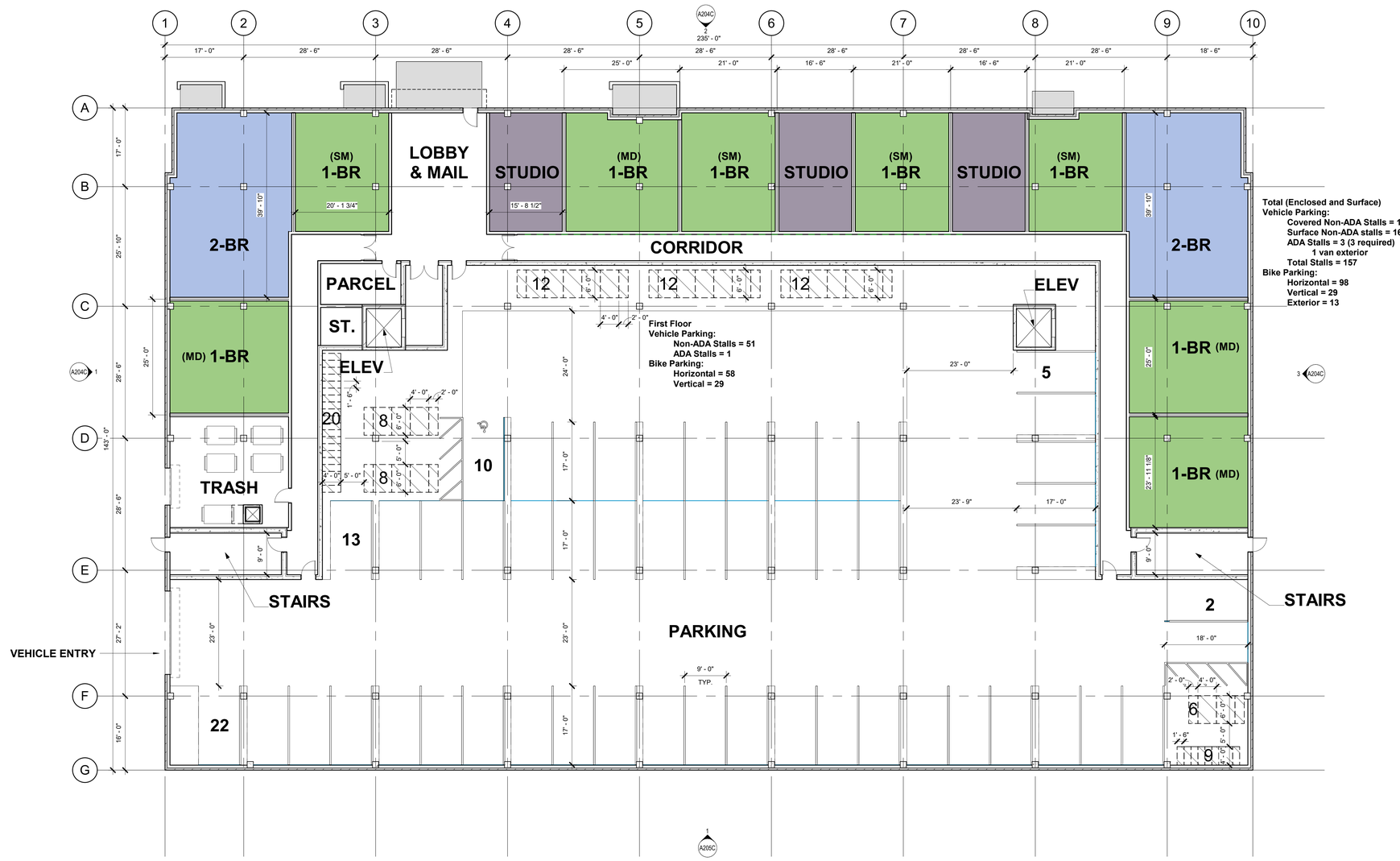
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PARKING LEVEL PLAN

A100C

1/17/2023 7:41:27 AM

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1 A101C FIRST FLOOR PLAN - SCHEMATIC

3/32" = 1'-0"

0' 4' 8' 16' 32'

N

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FIRST FLOOR PLAN

A101C

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1 A102C SECOND FLOOR PLAN - SCHEMATIC

3/32" = 1'-0"

0' 4' 8' 16' 32'

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SECOND FLOOR PLAN

A102C

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1 A103C THIRD FLOOR PLAN - SCHEMATIC
3/32" = 1'-0"

0' 4' 8' 16' 32'

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THIRD-FOURTH FLOOR PLAN

A103C

1/17/2023 7:41:29 AM

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1 A105C FIFTH FLOOR PLAN - SCHEMATIC

3/32" = 1'-0"

0' 4' 8' 16' 32'

N

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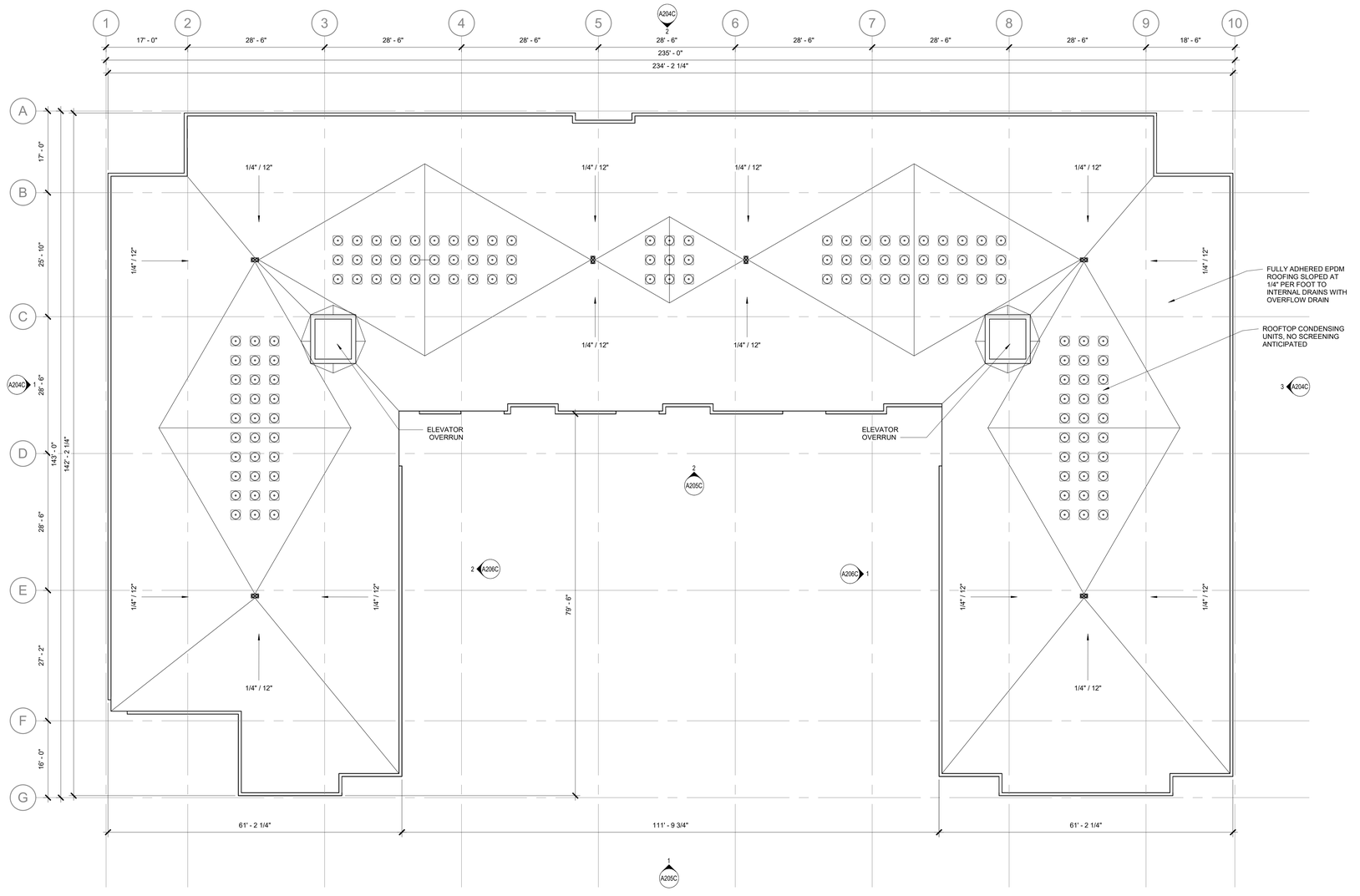
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FIFTH FLOOR PLAN

A105C

1/17/2023 7:41:29 AM

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1 A106C ROOF PLAN - SCHEMATIC

3/32" = 1'-0"

0' 4' 8' 16' 32'

N

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DATE	ISSUANCE/REVISIONS
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ROOF PLAN

A106C

1/17/2023 7:41:29 AM

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1 A201C WEST ELEVATION

3/32" = 1'-0"



2 A201C NORTH ELEVATION

3/32" = 1'-0"



3 A201C EAST ELEVATION

3/32" = 1'-0"

Potter Lawson

Success by Design

MATERIAL LEGEND

- A HARDIE PLANK LAP SIDING BEADED SMOOTH - IRON GRAY
- B HARDIE PLANK LAP SIDING BEADED SMOOTH - COBBLESTONE
- C ENDICOTT FACE BRICK - LIGHT GRAY BLEND
- D ENDICOTT FACE BRICK - MANGANESE IRON SPOT
- E WOODTONE RUSTIC SERIES, JAMES HARDIE - SAND CASTLE, TYPICAL
- F HARDIE ARCHITECTURAL PANEL - FINE SAND PAINT
- G HARDIE ARCHITECTURAL PANEL - SEAGRASS PAINT
- H RAILING SYSTEM, TYPICAL
- I INTUS DOOR AND WINDOWS, TYPICAL
- J PRODIMA - PARKLEX NATURCLAD B CLADDING - MUSTARD
- K OVERHEAD COILING GARAGE DOOR
- L BRAKE METAL COPING - PAINT
- M ALUMINUM HOPPER AND DOWNSPOUT

GLAZING NOTES

APPROACH TO BIRD-FRIENDLY GLAZING:

- ALL FACADES ARE COMPOSED OF LESS THAN 50% GLAZING.
- GLAZING AREAS ARE DIVIDED BY A MINIMUM OF 6" WHERE NECESSARY SO THAT NO AREA EXCEEDS 50 SF.

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NOT FOR CONSTRUCTION

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BUILDING ELEVATIONS COLOR

A201C

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1 A202C SOUTH ELEVATION

3/32" = 1'-0"

0' 4' 8' 16' 32'



2 A202C COURTYARD NORTH ELEVATION

3/32" = 1'-0"

0' 4' 8' 16' 32'

MATERIAL LEGEND

- A HARDIE PLANK LAP SIDING BEADED SMOOTH - IRON GRAY
- B HARDIE PLANK LAP SIDING BEADED SMOOTH - COBBLESTONE
- C ENDICOTT FACE BRICK - LIGHT GRAY BLEND
- D ENDICOTT FACE BRICK - MANGANESE IRON SPOT
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- G HARDIE ARCHITECTURAL PANEL - SEAGRASS PAINT
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BUILDING ELEVATIONS COLOR

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1 A203C COURTYARD EAST ELEVATION

3/32" = 1'-0"

0' 4' 8' 16' 32'



2 A203C COURTYARD WEST ELEVATION

3/32" = 1'-0"

0' 4' 8' 16' 32'

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MATERIAL LEGEND

- A HARDIE PLANK LAP SIDING BEADED SMOOTH - IRON GRAY
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- C ENDICOTT FACE BRICK - LIGHT GRAY BLEND
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- K OVERHEAD COILING GARAGE DOOR
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GLAZING NOTES

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BUILDING ELEVATIONS COLOR

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1 A204C WEST ELEVATION
3/32" = 1'-0"

0' 4' 8' 16' 32'



2 A204C NORTH ELEVATION
3/32" = 1'-0"

0' 4' 8' 16' 32'



3 A204C EAST ELEVATION
3/32" = 1'-0"

0' 4' 8' 16' 32'

MATERIAL LEGEND

- A HARDIE PLANK LAP SIDING BEADED SMOOTH - IRON GRAY
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PRELIMINARY
NOT FOR CONSTRUCTION

1617 SHERMAN AVE BLDG C
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2022.21.00

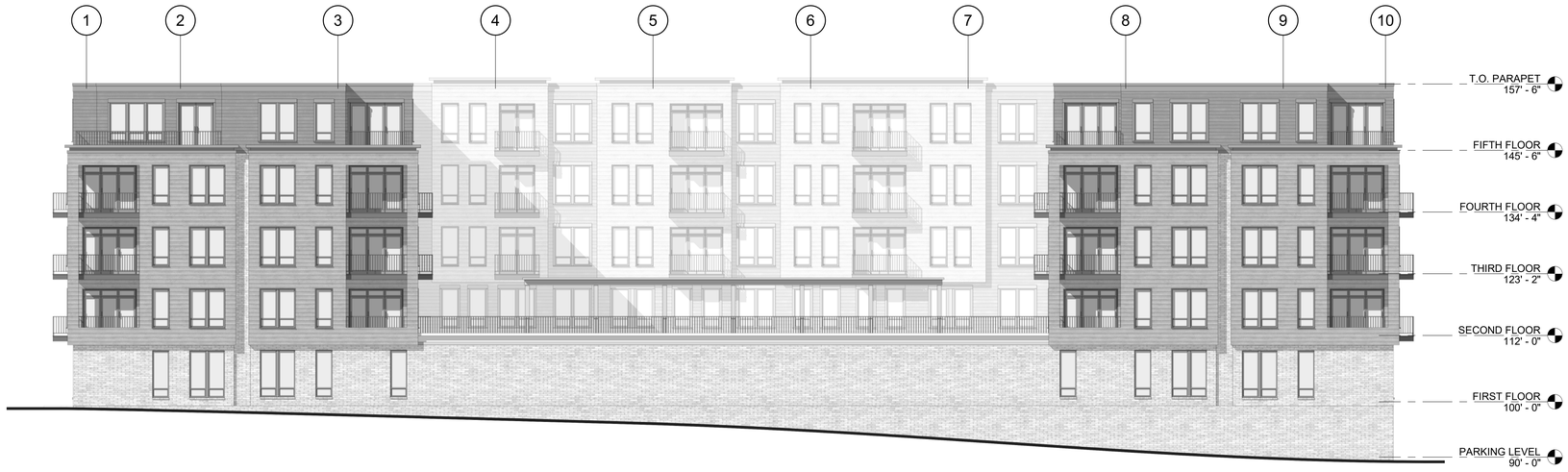
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BUILDING ELEVATIONS B/W

A204C

1/17/2023 7:41:31 AM

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1 A205C SOUTH ELEVATION Copy 1

3/32" = 1'-0"

0' 4' 8' 16' 32'



2 A205C COURTYARD NORTH ELEVATION Copy 1

3/32" = 1'-0"

0' 4' 8' 16' 32'

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PRELIMINARY
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BUILDING ELEVATIONS B/W

A205C

1/17/2023 7:41:32 AM

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1 A206C COURTYARD EAST ELEVATION Copy 1

3/32" = 1'-0"

0' 4' 8' 16' 32'



2 A206C COURTYARD WEST ELEVATION Copy 1

3/32" = 1'-0"

0' 4' 8' 16' 32'

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2022.21.00

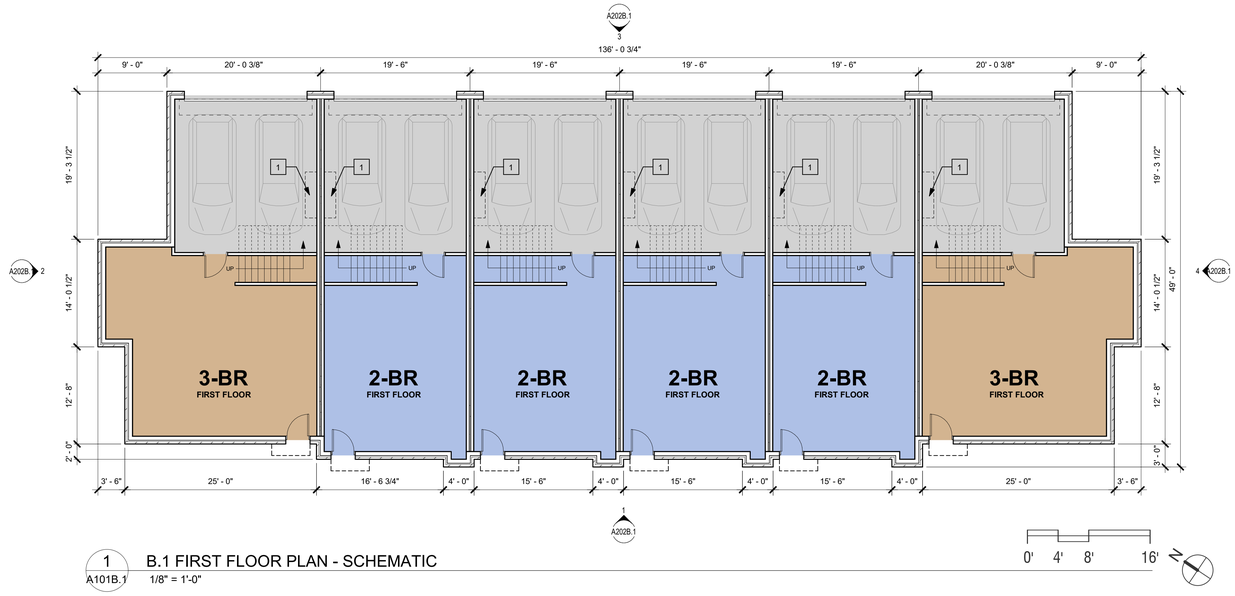
DATE	ISSUANCE/REVISIONS
01/17/2023	LAND USE APPLICATION

BUILDING ELEVATIONS B/W

A206C

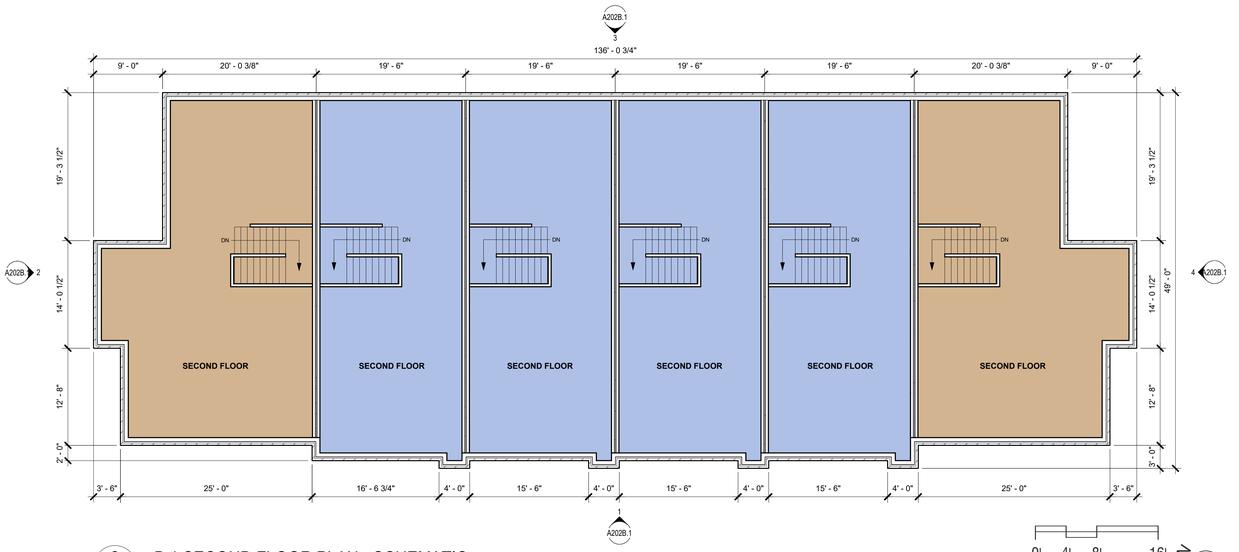
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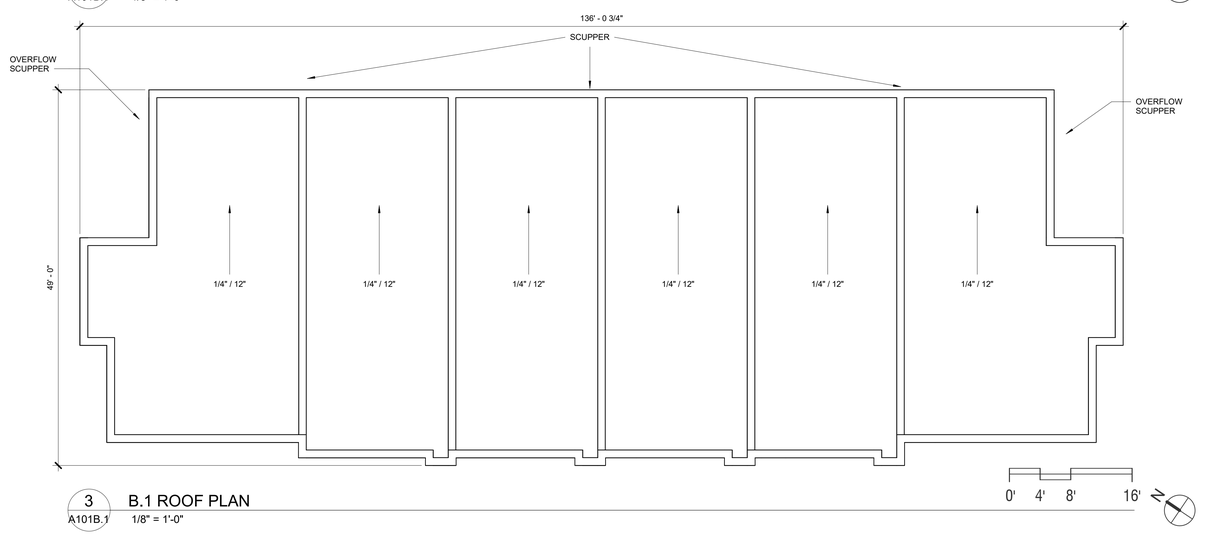
1 A101B.1 B.1 FIRST FLOOR PLAN - SCHEMATIC

1/8" = 1'-0"



2 A101B.1 B.1 SECOND FLOOR PLAN - SCHEMATIC

1/8" = 1'-0"

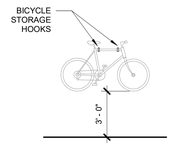


3 A101B.1 B.1 ROOF PLAN

1/8" = 1'-0"

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1 BICYCLE STORAGE

PRELIMINARY
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1617 SHERMAN AVE BLDG B.3
VERMILION

1617 SHERMAN AVE
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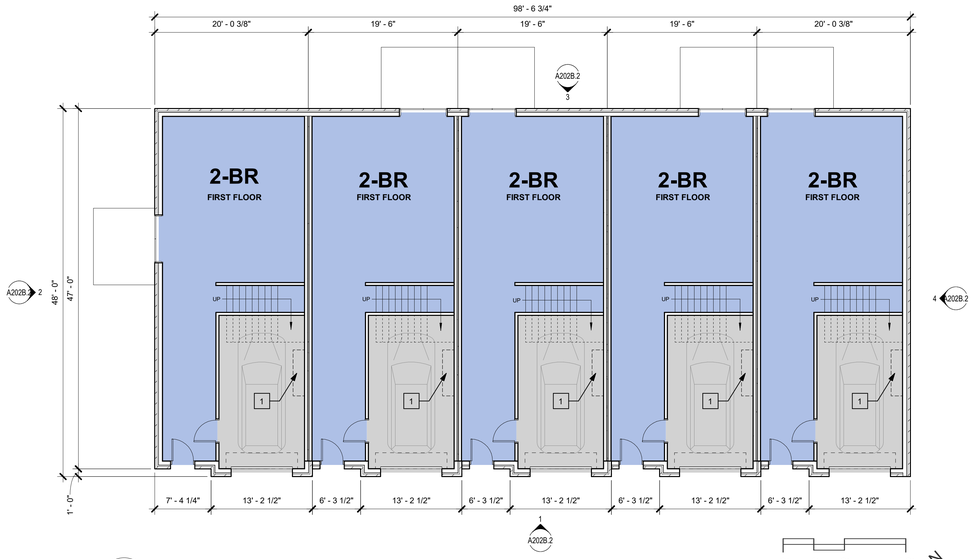
DATE	ISSUANCE/REVISIONS	#
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BUILDING B.1 FLOOR & ROOF PLANS

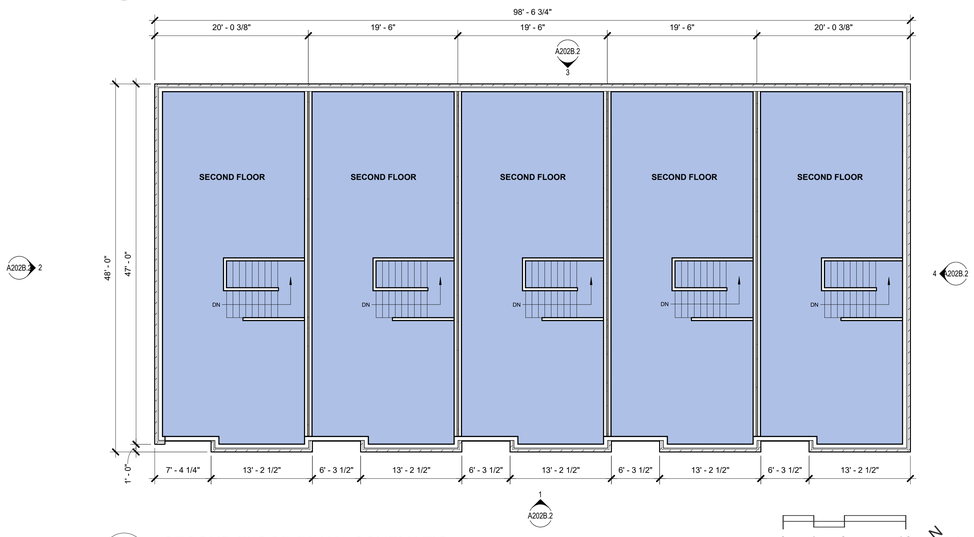
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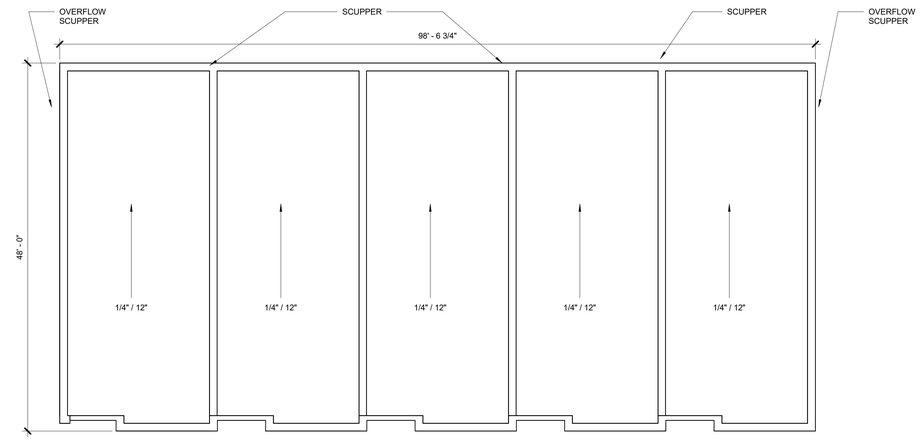
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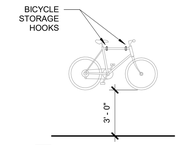
1 FIRST FLOOR PLAN - SCHEMATIC
A101B.2 1/8" = 1'-0"



2 SECOND FLOOR PLAN - SCHEMATIC
A101B.2 1/8" = 1'-0"



3 ROOF PLAN
A101B.2 1/8" = 1'-0"



1 BICYCLE STORAGE

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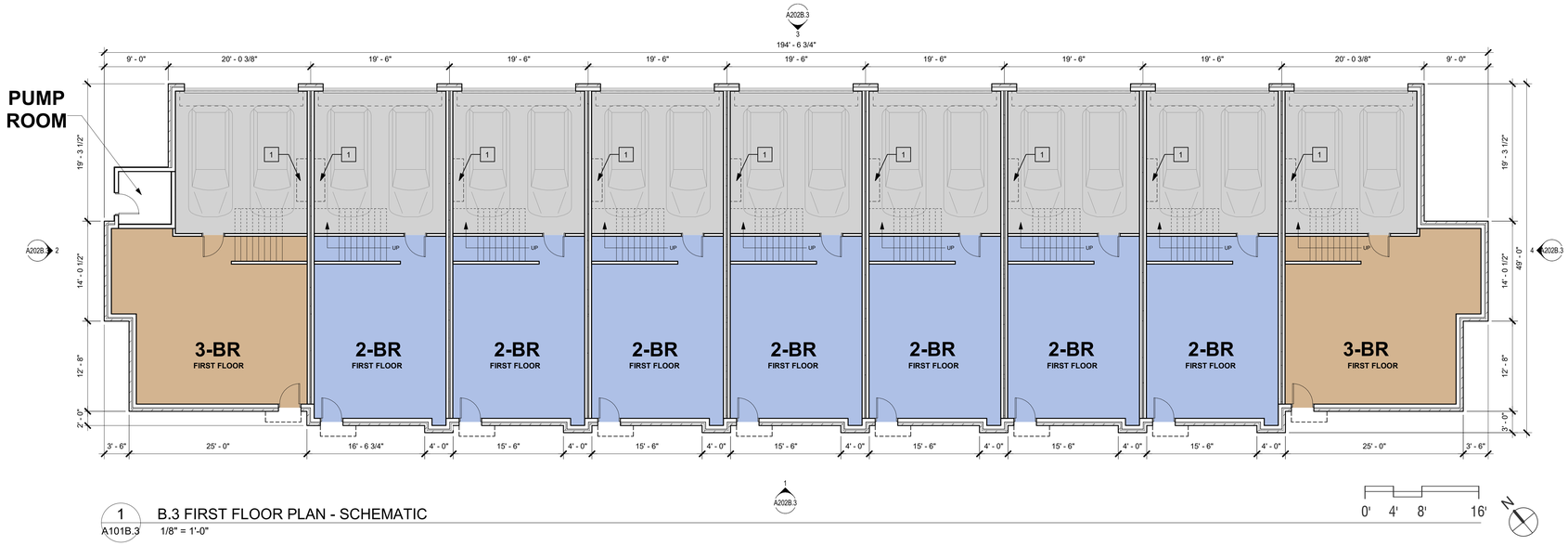
DATE	ISSUANCE/REVISIONS	
01/17/2023	LAND USE APPLICATION	1

BUILDING B.2 FLOOR & ROOF PLANS

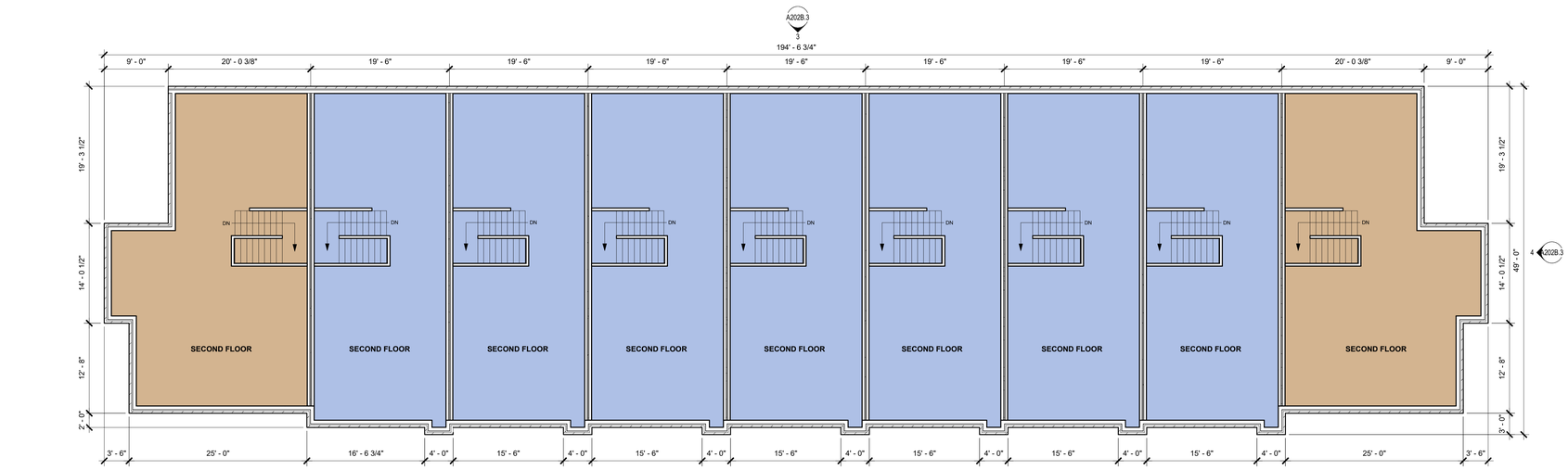
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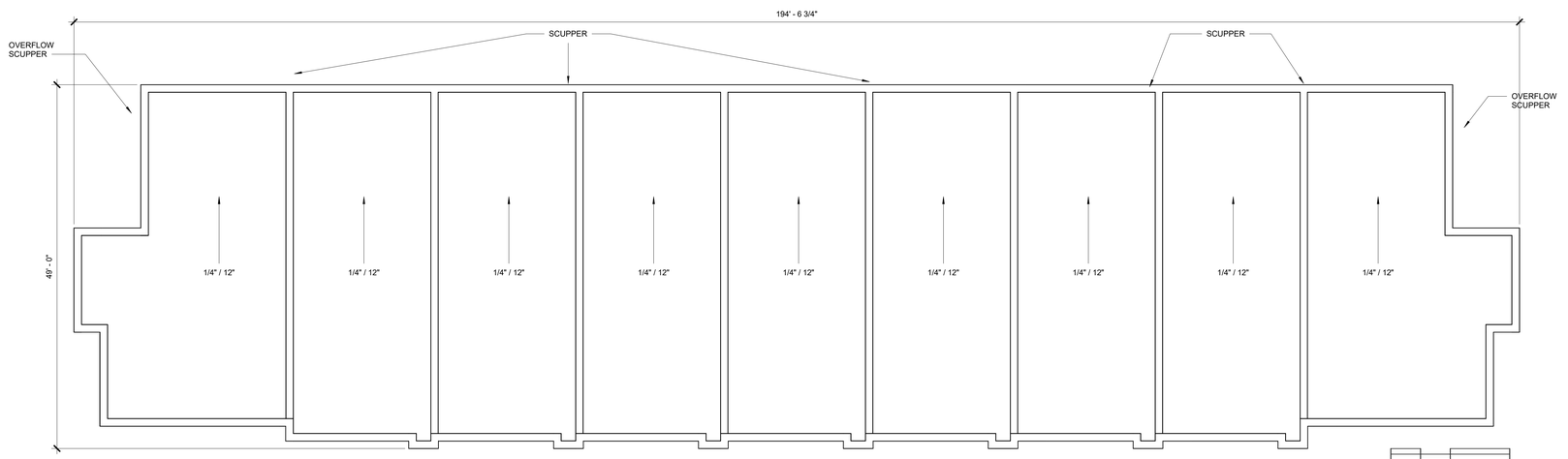
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1 B.3 FIRST FLOOR PLAN - SCHEMATIC
A101B.3 1/8" = 1'-0"

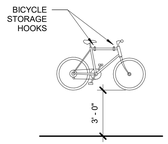


2 B.3 SECOND FLOOR PLAN - SCHEMATIC
A101B.3 1/8" = 1'-0"



3 B.3 ROOF PLAN
A101B.3 1/8" = 1'-0"

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1 BICYCLE STORAGE

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BUILDING B.3 FLOOR & ROOF PLANS

A101B.3

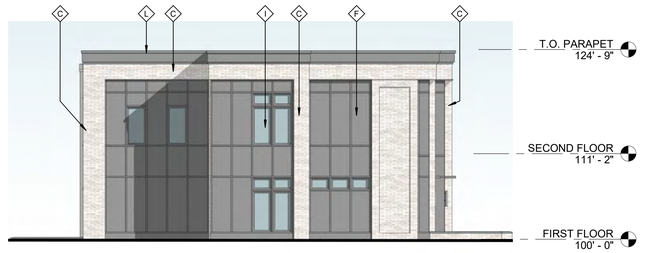
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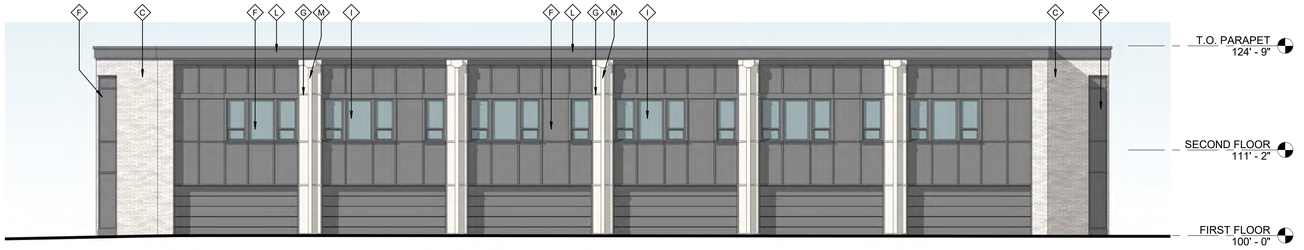
1 SOUTH ELEVATION
A201B.1 1/8" = 1'-0"

0' 4' 8' 16'



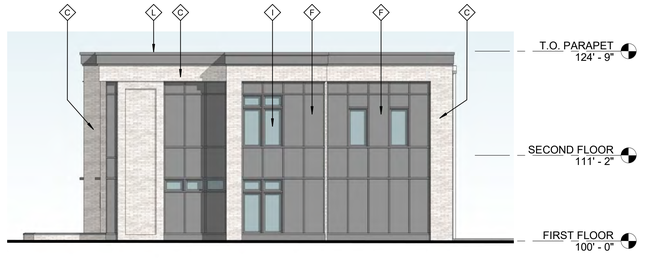
2 WEST ELEVATION
A201B.1 1/8" = 1'-0"

0' 4' 8' 16'



3 NORTH ELEVATION
A201B.1 1/8" = 1'-0"

0' 4' 8' 16'



4 EAST ELEVATION
A201B.1 1/8" = 1'-0"

0' 4' 8' 16'

1/17/2023 7:45:44 AM

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MATERIAL LEGEND

- A HARDIE PLANK LAP SIDING BEADED SMOOTH - IRON GRAY
- B HARDIE PLANK LAP SIDING BEADED SMOOTH - COBBLESTONE
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- H RAILING SYSTEM, TYPICAL
- I INTUS DOOR AND WINDOWS, TYPICAL
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- M ALUMINUM HOPPER AND DOWNSPOUT

GLAZING NOTES

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VERMILION

1617 SHERMAN AVE
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DATE	ISSUANCE/REVISIONS	
01/17/2023	LAND USE APPLICATION	1

BUILDING B.1 ELEVATIONS COLOR

A201B.1



1 SOUTH ELEVATION
A201B.2 1/8" = 1'-0"

0' 4' 8' 16'



2 WEST ELEVATION
A201B.2 1/8" = 1'-0"

0' 4' 8' 16'



3 NORTH ELEVATION
A201B.2 1/8" = 1'-0"

0' 4' 8' 16'



4 EAST ELEVATION
A201B.2 1/8" = 1'-0"

0' 4' 8' 16'

Potter Lawson

Success by Design

MATERIAL LEGEND

- A HARDIE PLANK LAP SIDING BEADED SMOOTH - IRON GRAY
- B HARDIE PLANK LAP SIDING BEADED SMOOTH - COBBLESTONE
- C ENDICOTT FACE BRICK - GRAY SANDS
- D ENDICOTT FACE BRICK - MANGANESE IRON SPOT
- E WOODTONE RUSTIC SERIES, JAMES HARDIE - SAND CASTLE, TYPICAL
- F HARDIE ARCHITECTURAL PANEL - FINE SAND PAINT
- G HARDIE ARCHITECTURAL PANEL - SEAGRASS PAINT
- H RAILING SYSTEM, TYPICAL
- I INTUS DOOR AND WINDOWS, TYPICAL
- J PRODIMA - PARKLEX NATURCLAD B CLADDING - MUSTARD
- K OVERHEAD COILING GARAGE DOOR
- L BRAKE METAL COPING - PAINT
- M ALUMINUM HOPPER AND DOWNSPOUT

GLAZING NOTES

APPROACH TO BIRD-FRIENDLY GLAZING:

- ALL FACADES ARE COMPOSED OF LESS THAN 50% GLAZING.
- GLAZING AREAS ARE DIVIDED BY A MINIMUM OF 6" WHERE NECESSARY SO THAT NO AREA EXCEEDS 50 SF.

PRELIMINARY
NOT FOR CONSTRUCTION

1617 SHERMAN AVE BLDG B.2
VERMILION

1617 SHERMAN AVE
MADISON, WI 53704

2022.21.00

DATE	ISSUANCE/REVISIONS	
01/17/2023	LAND USE APPLICATION	1

BUILDING B.2 ELEVATIONS COLOR

A201B.2

1/17/2023 7:49:40 AM

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1 A201B.3 SOUTH ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'



2 A201B.3 WEST ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'



3 A201B.3 NORTH ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'



4 A201B.3 EAST ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'

1/17/2023 9:05:59 AM

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MATERIAL LEGEND

- A HARDIE PLANK LAP SIDING BEADED SMOOTH - IRON GRAY
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GLAZING NOTES

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PRELIMINARY
NOT FOR CONSTRUCTION

1617 SHERMAN AVE BLDG B.3
VERMILION

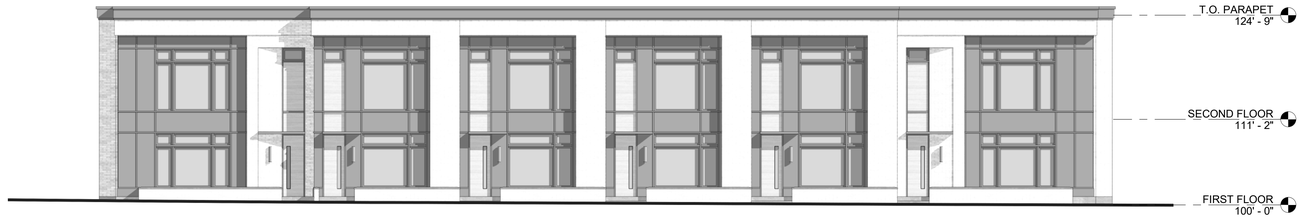
1617 SHERMAN AVE
MADISON, WI 53704

2022.21.00

DATE	ISSUANCE/REVISIONS	
01/17/2023	LAND USE APPLICATION	1

BUILDING B.3 ELEVATIONS COLOR

A201B.3



1 SOUTH ELEVATION
A202B.1 1/8" = 1'-0"

0' 4' 8' 16'



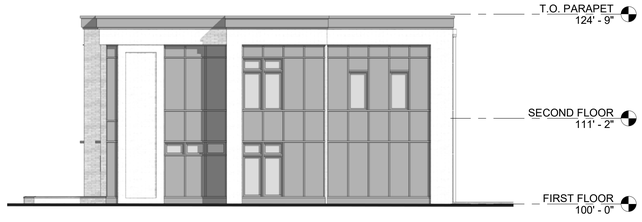
2 WEST ELEVATION
A202B.1 1/8" = 1'-0"

0' 4' 8' 16'



3 NORTH ELEVATION
A202B.1 1/8" = 1'-0"

0' 4' 8' 16'



4 EAST ELEVATION
A202B.1 1/8" = 1'-0"

0' 4' 8' 16'

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MATERIAL LEGEND

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PRELIMINARY
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1617 SHERMAN AVE BLDG B.3
VERMILION

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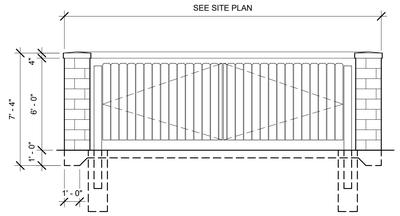
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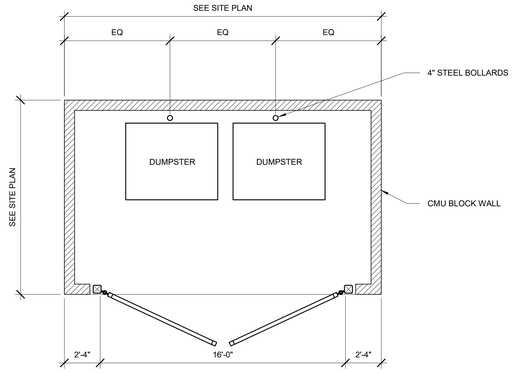
BUILDING B.1 ELEVATIONS B/W

A202B.1

1/17/2023 7:45:47 AM

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5 A202B.2 SITE - TRASH ENCLOSURE
1/4" = 1'-0"

0' 2' 4' 8'



1 A202B.2 SOUTH ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'



2 A202B.2 WEST ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'



3 A202B.2 NORTH ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'



4 A202B.2 EAST ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'

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VERMILION

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2022.21.00

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BUILDING B.2 ELEVATIONS B/W

A202B.2

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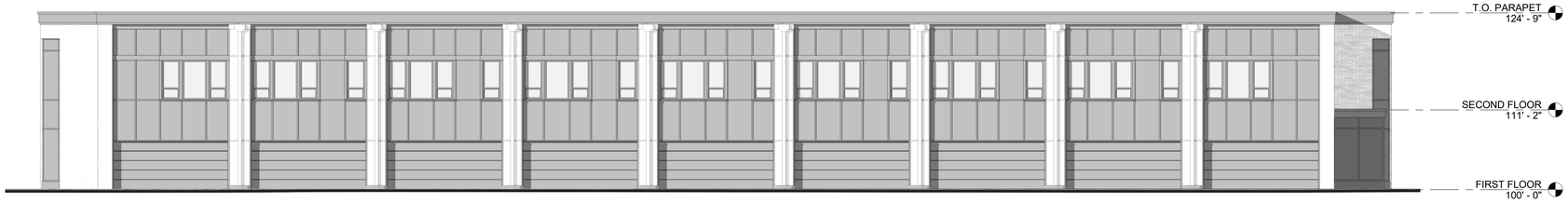
1 A202B.3 SOUTH ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'



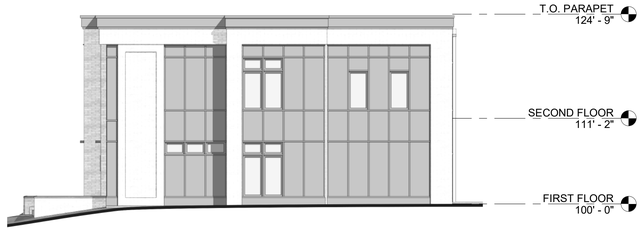
2 A202B.3 WEST ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'



3 A202B.3 NORTH ELEVATION
1/8" = 1'-0"

0' 4' 8' 16'



4 A202B.3 EAST ELEVATION
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0' 4' 8' 16'

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01/17/2023	LAND USE APPLICATION	1

BUILDING B.3 ELEVATIONS B/W

A202B.3

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CONTEXT PHOTOS


McKENZIE PLACE: 2221 SHERMAN AVE


SHERMAN TERRACE: SHERMAN AVE


LAKEWOOD GARDENS: 1909 SHERMAN AVE


McKENZIE PLACE: 1640-1646 SHERMAN AVE


LAKE MENDOTA VIEW


NORTH VIEW


EAST VIEW


TENNEY PARK VIEW

1617 SHERMAN AVE EXISTING BUILDING PHOTOS


SHERMAN AVE FACADE


SOUTH ADDITION

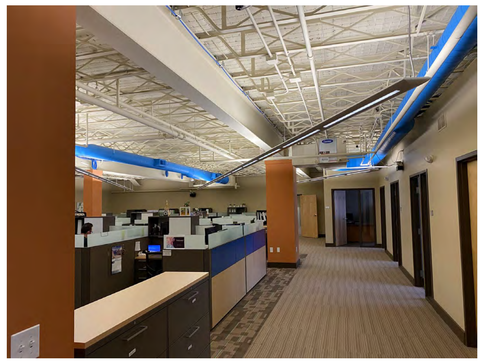

EAST ENTRY ADDITION


NORTH ADDITION



ORIGINAL WEST LOBBY ENTRY


ORIGINAL LOBBY


TYPICAL OPEN OFFICE SPACE


EAST ENTRY LOBBY ADDITION

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CONTEXT & EXISTING BUILDING PHOTOS

G001

1/17/2023 7:57:30 AM

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BUILDING MATERIALS

BUILDINGS A AND C:



James Hardie Lap Siding
Iron Gray



Endicott Brick
Manganese Iron Spot



James Hardie Rustic Series Woodtone
Sand Castle

BUILDINGS B1 AND B3:



James Hardie Lap Siding
CobbleStone



Endicott Brick
Light Gray Blend Velour Texture



James Hardie Architectural Panel
Fine Sand -
Paint to match Iron Gray Lap Siding



Parklex Prodima Naturclad-B Cladding
Mustard Color

BUILDING B2:



James Hardie Lap Siding
CobbleStone



Endicott Brick
Light Gray Blend Velour Texture



James Hardie Architectural Panel
Sea Grass -
Paint Cream Froth OC-97

PRELIMINARY
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2022.21.00

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BUILDING MATERIALS

G002

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BUILDING A FROM SHERMAN AVE.



BUILDING C FROM NEW DRIVE



BUILDING B.1 FROM NEW DRIVE



BUILDING B.3 FROM NEW DRIVE

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FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO LANDSCAPE DRAWING L100 FOR ACCURATE PLANTINGS.

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MADISON, WI 53704

2022.21.00

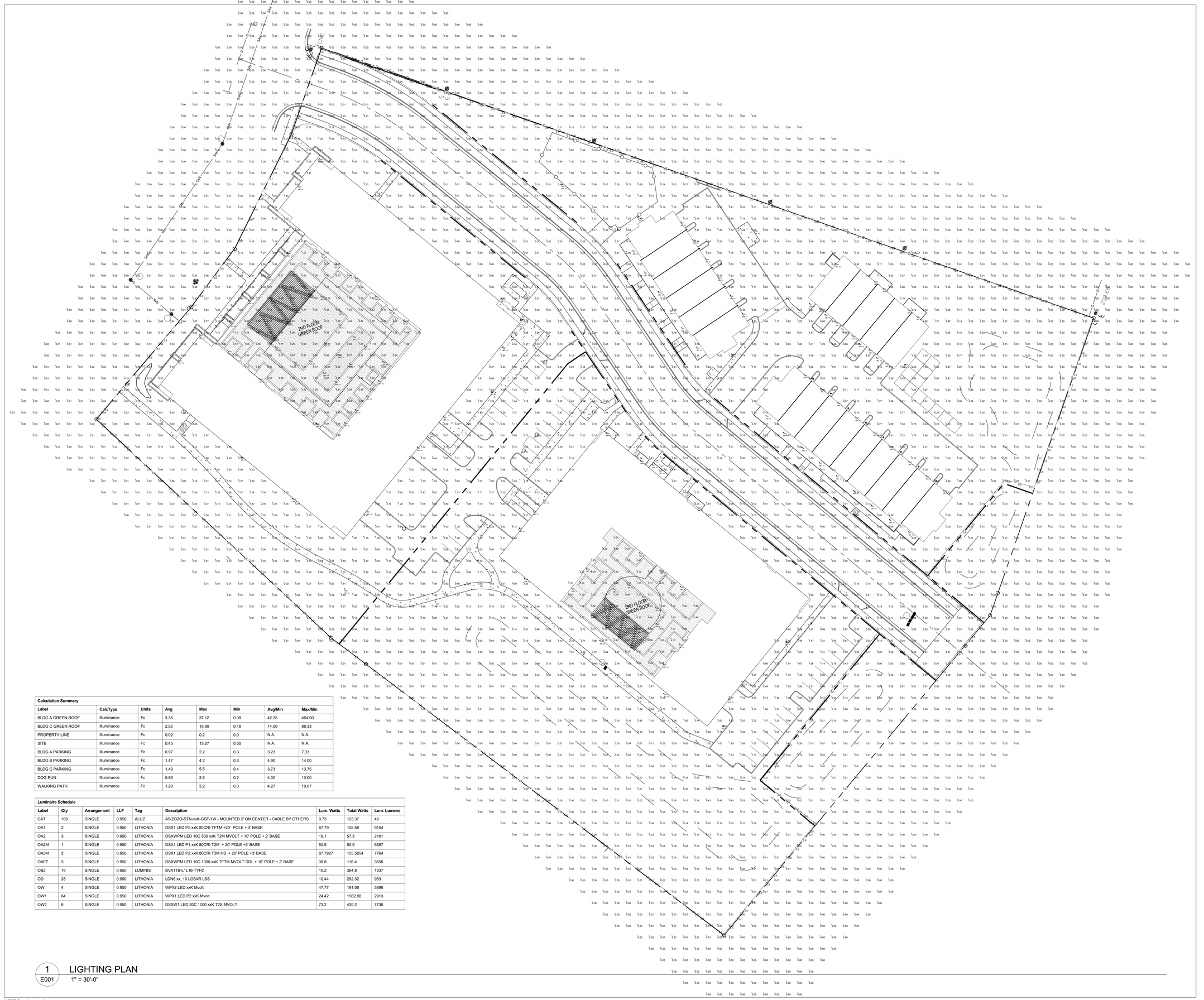
DATE	ISSUANCE/REVISIONS
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EXTERIOR PERSPECTIVES

G003

1/17/2023 10:08:43 AM

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Calculation Summary							
Label	**CalcType**	**Units**	**Avg**	**Max**	**Min**	**Avg/Min**	**Max/Min**
BLDG A GREEN ROOF	Illuminance	Fc	3.38	37.12	0.08	42.25	464.00
BLDG C GREEN ROOF	Illuminance	Fc	2.52	15.90	0.18	14.00	88.33
PROPERTY LINE	Illuminance	Fc	0.02	0.2	0.0	N.A.	N.A.
SITE	Illuminance	Fc	0.45	15.27	0.00	N.A.	N.A.
BLDG A PARKING	Illuminance	Fc	0.97	2.2	0.3	3.23	7.33
BLDG B PARKING	Illuminance	Fc	1.47	4.2	0.3	4.90	14.00
BLDG C PARKING	Illuminance	Fc	1.49	5.5	0.4	3.73	13.75
DOG RUN	Illuminance	Fc	0.86	2.6	0.2	4.30	13.00
WALKING PATH	Illuminance	Fc	1.28	3.2	0.3	4.27	10.67

Luminaire Schedule								
Label	**Qty**	**Arrangement**	**LLF**	**Tag**	**Description**	**Lum. Watts**	**Total Watts**	**Lum. Lumens**
CAT	169	SINGLE	0.950	ALUZ	A5-ZOZO-STN-xxK-GSF-1W - MOUNTED 2' ON CENTER - CABLE BY OTHERS	0.73	123.37	48
OA1	2	SINGLE	0.950	LITHONIA	DSX1 LED P2 xxK 80CRI TFTM +20' POLE + 3' BASE	67.79	135.58	9154
OA2	3	SINGLE	0.950	LITHONIA	DSXWPM LED 10C 530 xxK T2M MVOLT + 10' POLE + 2' BASE	19.1	57.3	2101
OA2M	1	SINGLE	0.950	LITHONIA	DSX1 LED P1 xxK 80CRI T2M + 20' POLE +3' BASE	50.9	50.9	6887
OA3M	2	SINGLE	0.950	LITHONIA	DSX1 LED P2 xxK 80CRI T3M HS + 20' POLE +3' BASE	67.7927	135.5854	7764
OAFT	3	SINGLE	0.950	LITHONIA	DSXWPM LED 10C 1000 xxK TFTM MVOLT DDL + 10' POLE + 2' BASE	38.8	116.4	3656
OB2	19	SINGLE	0.950	LUMINIS	BVA11B-L1L16-TYP2	19.2	364.8	1637
OD	28	SINGLE	0.950	LITHONIA	LDN6 xx_10 L06AR LSS	10.44	292.32	953
OW	4	SINGLE	0.950	LITHONIA	WPX2 LED xxK MvoIt	47.77	191.08	5896
OW1	64	SINGLE	0.950	LITHONIA	WPX1 LED P2 xxK MvoIt	24.42	1562.88	2913
OW2	6	SINGLE	0.950	LITHONIA	DSXW1 LED 20C 1000 xxK T2S MVOLT	73.2	439.2	7736

1 E001 LIGHTING PLAN
1" = 30'-0"

1/17/2023 8:25:10 AM

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PHOTOMETRIC PLAN

E001

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DATE	ISSUANCE/REVISIONS
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LIGHTING CUT SHEETS

E002

1/17/2023 7:57:22 AM

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Submitted by Enterprise Lighting, LTD | Job Name: 1617 Sherman Ave - Site | Catalog Number: A5-ZOZO-STN-24-XXK-GSF-WET-169 | Notes: | Type: CAT | ELLD-110810

ALUZ

A5 Series | String / Festoon
ZOZO Standard
(A5-ZOZO-STN)

TYPE



Submitted by Enterprise Lighting, LTD

Job Name: 1617 Sherman Ave - Site

Catalog Number: DSXWPM LED 10C 530 ***K T2M MVOLT SPUMBA STD FINISH

Notes:

Type: OA2

DLLD5-1108/10



Performance Data

Lumen Output

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 tolerance allowed by Lighting Facts. 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.

Forward Optics	Drive Current (mA)	Power (W)	System (W)	Dist. Type	Dist. Multiplier	Lumens	25K				30K				40K			
							Lumens	LPW	B	U	Lumens	LPW	B	U	Lumens	LPW	B	U
10	150	P1	34W	TFTM	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TFT	0.95	3,685	1	0	0	0	3,750	1	0	0	3,857	1	0	0
				TFTM	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TSFTM	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TSFT	0.95	3,685	1	0	0	0	3,750	1	0	0	3,857	1	0	0
				TSTM	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TST	0.95	3,685	1	0	0	0	3,750	1	0	0	3,857	1	0	0
				TTM	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TT	0.95	3,685	1	0	0	0	3,750	1	0	0	3,857	1	0	0
				TTFTM	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TTFT	0.95	3,685	1	0	0	0	3,750	1	0	0	3,857	1	0	0
				TFFTM	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TFF	0.95	3,685	1	0	0	0	3,750	1	0	0	3,857	1	0	0
				TWFTM	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TWFT	0.95	3,685	1	0	0	0	3,750	1	0	0	3,857	1	0	0
				TBLC	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TBRC	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TBLW	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811	1	0	0
				TBRW	0.94	3,642	1	0	0	0	3,706	1	0	0	3,811

Submitted by Enterprise Lighting, LTD

Enterprise Lighting — Architectural Products

Job Name: 1617 Sherman Ave - Site

Catalog Number: SSS 20 4C DM19AS STD FINISH

Notes:

Type: OA2M

ELLTD-118618

SSS Square Straight Steel Poles

TECHNICAL INFORMATION — EPA (ft²) with 1.3 gust

Catalog Number	Nominal Shaft Length (ft)	Pole Shaft Size (Base no.) Top no.	Wall thick (in)	Gauge	EPA (ft²) with 1.3 gust						Bolt-circle (in)	Bolt size (in x in x in.)	Approximate ship weight (lbs.)
					60 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight			
SSS 10 4C	10	4.0 x 13.0	0.120"	11	36.6	761	23.8	595	18.9	472	8 - 9	3/4 x 18 x 3	73
SSS 12 4C	12	4.0 x 13.0	0.120"	11	34.4	670	18.8	475	14.8	370	8 - 9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.120"	11	33.9	588	18.5	415	14.6	335	8 - 9	3/4 x 18 x 3	96
SSS 16 4C	16	4.0 x 14.0	0.120"	11	19.9	488	15.1	378	11.7	295	8 - 9	3/4 x 18 x 3	109
SSS 16 4C	16	4.0 x 14.0	0.120"	11	13.8	386	11.8	295	8.9	225	8 - 9	3/4 x 18 x 3	109
SSS 18 4C	18	4.0 x 15.0	0.120"	11	12.4	330	9.3	228	6.7	168	8 - 9	3/4 x 18 x 3	120
SSS 20 4C	20	4.0 x 20.0	0.120"	11	11.1	268	8.1	195	6.1	147	8 - 9	3/4 x 18 x 3	143
SSS 20 4C	20	4.0 x 20.0	0.179"	7	14	350	11	275	8	208	8 - 9	3/4 x 18 x 3	196
SSS 20 5C	20	5.0 x 20.0	0.120"	11	17.7	443	12.7	343	9.4	255	10-12	1 x 24 x 4	185
SSS 20 5C	20	5.0 x 20.0	0.179"	7	28.1	703	21.4	535	16.2	405	10-12	1 x 24 x 4	265
SSS 22 4C	22	4.0 x 23.0	0.120"	11	9.8	250	6.8	175	5.1	125	8 - 9	3/4 x 18 x 3	155
SSS 22 5C	22	5.0 x 23.0	0.179"	7	16.5	413	12.5	313	9.5	238	10-12	1 x 24 x 4	225
SSS 24 4C	24	4.0 x 25.0	0.120"	11	8.8	220	6.3	157	5.7	139	10-12	1 x 24 x 4	170
SSS 24 5C	24	5.0 x 25.0	0.120"	11	10.8	270	8.3	208	6.3	158	10-12	1 x 24 x 4	240
SSS 24 5C	24	5.0 x 25.0	0.179"	7	16.5	413	12.5	313	9.5	238	10-12	1 x 24 x 4	340
SSS 30 4C	30	4.0 x 30.0	0.179"	7	6.7	168	4.4	110	2.6	65	8 - 9	3/4 x 18 x 3	255
SSS 30 5C	30	5.0 x 30.0	0.179"	7	10.7	267	6.7	167	3.9	98	10-12	1 x 24 x 4	360
SSS 30 5C	30	5.0 x 30.0	0.179"	7	16.5	413	12.5	313	9.5	238	10-12	1 x 24 x 4	440
SSS 35 5C	35	5.0 x 35.0	0.179"	7	5.9	150	2.3	105	—	—	10-12	1 x 24 x 4	440
SSS 35 5C	35	5.0 x 35.0	0.179"	7	12.4	310	7.6	190	4.2	105	10-12	1 x 24 x 4	560
SSS 39 6S	39	6.0 x 39.0	0.179"	7	7.2	180	3	75	—	—	11-13	1 x 30 x 4	605

NOTE: *10ft poles are hand hole(3.5" H x 6.5" W) and 39ft poles are 2 hand holes(3.5" H x 6.5" W) and 180° apart. Both are reinforced. Tenon O.D. is 4.5" for 4" poles, 5" for 5" poles and 6" for 6" poles. All poles are made from ASTM A500 Gr.B or A572 Gr.50 steel. Minimum yield strength is 46 ksi for 0.120" wall and 42 ksi for 0.179" wall. Ultimate tensile strength is 62 ksi. Deflection limited to 3° at 60 mph (1.3 gust factor) applied to the projected area above the base. Pole to be designed for fatigue loading per AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, 5th Edition, 2009 and Interims through 2010. Design includes consideration for natural frequency. Poles are to be provided with a grounding lug adjacent to the hand hole. Welds shall be ultrasonically tested. Shaft has a matte finish unless otherwise specified. Structural calculations will be provided upon request. Pole is designed for uniform wind exposure in accordance with the current AASHTO LTS Specifications. Pole is designed for a wind speed of 90 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 100 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 120 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 130 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 140 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 150 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 160 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 170 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 180 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 190 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 200 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 210 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 220 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 230 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 240 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 250 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 260 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 270 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 280 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 290 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 300 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 310 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 320 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 330 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 340 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 350 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 360 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 370 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 380 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 390 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 400 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 410 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 420 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 430 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 440 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 450 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 460 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 470 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 480 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 490 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 500 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 510 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 520 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 530 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 540 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 550 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 560 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 570 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 580 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 590 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 600 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 610 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 620 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 630 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 640 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 650 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 660 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 670 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 680 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 690 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 700 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 710 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 720 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 730 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 740 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 750 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 760 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 770 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 780 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 790 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 800 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 810 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 820 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 830 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 840 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 850 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 860 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 870 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 880 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 890 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 900 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 910 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 920 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 930 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 940 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 950 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 960 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 970 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 980 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 990 mph (3 second gust) with a 1.3 gust factor. Pole is designed for a wind speed of 1000 mph (3 second gust) with a 1.3 gust factor.

TECHNICAL INFORMATION — EPA (ft²) WITH 3-SECOND GUST PER AASHTO 2013

Series	Mounting Height (ft)	Shaft Base (in)	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)
SSS	10	4C	11	361	760	14	1.48	3	0.03	1	0.03	1	0.03	1	0.03	1	73
SSS	12	4C	11	264	670	10.8	1.48	3	0.03	1	0.03	1	0.03	1	0.03	1	90
SSS	14	4C	11	189	588	7.8	1.48	3	0.03	1	0.03	1	0.03	1	0.03	1	96
SSS	16	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	115
SSS	16	4C	11	205	5.5	138	4	100	2.5	63	1.5	38	0.5	13	—	—	109
SSS	18	4C	11	161	4.5	113	3.5	88	2	50	1	25	—	—	—	—	120
SSS	20	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	143
SSS	20	4C	11	161	4.5	113	3.5	88	2	50	1	25	—	—	—	—	143
SSS	20	5C	11	205	5.5	138	4	100	2.5	63	1.5	38	0.5	13	—	—	185
SSS	22	4C	11	134	3.5	88	2.5	63	1.5	38	0.5	13	—	—	—	—	155
SSS	22	5C	11	171	4.5	113	3.5	88	2	50	1	25	—	—	—	—	225
SSS	24	4C	11	113	3	75	2.5	63	1.5	38	0.5	13	—	—	—	—	170
SSS	24	5C	11	134	3.5	88	2.5	63	1.5	38	0.5	13	—	—	—	—	240
SSS	30	5C	11	113	3	75	2.5	63	1.5	38	0.5	13	—	—	—	—	340
SSS	35	5C	11	92	2.5	63	1.5	38	0.5	13	—	—	—	—	—	—	440
SSS	39	6S	11	75	2	50	1	25	—	—	—	—	—	—	—	—	605

NOTE: 10ft/39ft (6S) tenons to be used conservative existing EPA calculations. For poles not drawing EPA values under 60MPH (90 x EPA value may not) under commercial criteria (see table above).

*For 12 ft increments, add -6 to the pole height. Ex: 24 in length, DM16A.

LITHONIA LIGHTING COMMERCIAL OUTDOOR

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Submitted by Enterprise Lighting, LTD

Enterprise Lighting — Architectural Products

Job Name: 1617 Sherman Ave - Site

Catalog Number: SSS 20 4C DM19AS STD FINISH

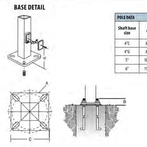
Notes:

Type: OA2M

ELLTD-118618

SSS Square Straight Steel Poles

BASE DETAIL



HOLE SIZES

Shaft base size	Bolt circle A	Bolt projection B	Base square C	Base plate thickness	Template description	Anchor bolt description	Anchor bolt and template description
4"C	8" - 9"	3.25"-3.75"	8"-8.25"	0.75"	ANTEMPLATE-TP20004	AB18-6	ABSS-4C
4"C	8" - 9"	3.38"-3.75"	8"-8.25"	0.875"	ANTEMPLATE-TP20004	AB38-8	ABSS-4C
5"	10" - 12"	3.5"-4"	11"	1"	ANTEMPLATE-TP20005	AB38-8	ABSS-5
6"	11" - 13"	4"-4.25"	12.5"	1"	ANTEMPLATE-TP20001	AB38-8	N/A

HANDHOLE ORIENTATION



Default (MPH) 0 or 180 ft.

Handhole

IMPORTANT INSTALLATION NOTES:

- **Do not** paint, stabilize or undercoat baking finishes (including touch-up). Lithonia Lighting will not accept claim for incorrect installation and reserves the right to declare any Lithonia Lighting finishes nonpaintable.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect installation and reserves the right to declare any Lithonia Lighting finishes nonpaintable.
- Lithonia Lighting is not responsible for the foundation design.
- Bolt-circle hole +/- 1/2" tolerance.

CAUTION: These specifications are intended for ground-pupposed soils. Lithonia Lighting reserves the right to change material or design, without prior notice, to a conforming offset to upgrade its products.

INTRODUCTION

The modern styling of the D-Series is striking yet unobtrusive—making a bold, progressive statement. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is also IDA compliant and Dark Sky Friendly, making it a top choice for parking lots, pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

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Submitted by Enterprise Lighting, LTD

Enterprise Lighting — Architectural Products

Job Name: 1617 Sherman Ave - Site

Catalog Number: DSX1 LED P2 **K T3M MVOLT SPA HS STD FINISH G1

Notes:

Type: OA3M

ELLTD-118618

D-Series Size 1

Legacy LED Area Luminaire



Specifications

EPA: 1.0 ft² (0.09 m²)

Length: 32" (81.3cm)

Width: 11" (27.9cm)

Height H1: 7-1/2" (19.1cm)

Height H2: 3-1/2" (8.9cm)

Weight (max): 27 lbs (12 kg)

Introduction

The modern styling of the D-Series is striking yet unobtrusive—making a bold, progressive statement. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is also IDA compliant and Dark Sky Friendly, making it a top choice for parking lots, pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD G1

DSX1 LED

VERIFY

Series	Light engine	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	P1 1 light engine P2 2 light engines P3 3 light engines P4 4 light engines P5 5 light engines P6 6 light engines P7 7 light engines P8 8 light engines P9 9 light engines P10 10 light engines P11 11 light engines P12 12 light engines Related options P10* P12* P11* P13*	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium T4W Type IV wide TFTM Forward throw medium TLG Type G (for 16' mounting height)	MVOLT (277V-480V)[1] HVOLT 120 120V[2] 208 208V[2] 240 240V[2] 277 277V[2] 347 347V[2] 480 480V[2]	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket[3] SPUMBA Square pole universal mounting adaptor[4] RPUMBA Round pole universal mounting adaptor[4] Shipped separately BSW Bird spikes[5] EGS External glare shield

Control options	Other options	Finish (required)	Options (continued)
Shipped installed NLTAIR2 Nlight AIR generation 2 enabled[6,7] PIR Motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 5fc[8,9,10] PIR1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc[8,9,10] PIRH Motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 5fc[8,9,10] PIRH1FC3V Motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 1fc[8,9,10] PER Motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 5fc, 5-way control enabled[8,9,10] PER5 Five-pin photocell, dusk to dawn[11] PER7 Seven-pin photocell, dusk to dawn, 5-way control enabled[11] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) DS Dual switching[12,13]	Shipped included BL30 Left-rotated optic[14] BR30 Right-rotated optic[14] SF Single fuse (120, 277, 347V)[15] DF Double fuse (208, 240, 480V)[15] HS House-side shield[16] Shipped separately BS Bird spikes[17] EGS External glare shield	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone	Shipped included VG Vibration damper[18] HA Horizontal arm bracket mounting[19] FG Fusing (specify amperage) (not available with MVOLT)[20] CPO120 1/2" coupling[21] CPO147 3/4" coupling[21] CPO175 1" coupling[21] HA12 12" threaded nipple[22] HA24 24" threaded nipple[22] HA36 36" threaded nipple[22] DWHG Textured white[23] SGCRCBC 2 Pack shortform covers (standard in plastic) SGCRCBCLP 2 Pack shortform covers (standard in plastic) Lead Free[24] SGCRSSCBC 2 Pack shortform covers (standard in stainless)[25] SGCRSSCBCLP 2 Pack shortform covers (standard in stainless) Lead Free[24] SHIELD Shield[26] SHIELD1 Shield[27] SHIELD2 Shield[28] SHIELD3 Shield[29] SHIELD4 Shield[30] SHIELD5 Shield[31] SHIELD6 Shield[32] SHIELD7 Shield[33] SHIELD8 Shield[34]

Accessories

DSX1 Square pole universal adaptor

DSX1RPA Round pole adaptor

DSX1WBA Wall adaptor

DSX1FG Fusing (specify amperage)

DSX1EGS External glare shield

NOTES

1. 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 (DF, SF options), or photocontrol (PER, etc).
2. Not available with 10K, HVOLT or DDBTXD finish. Not available with PIR, PIRH.
3. Not available with 30 degree mounting. Not recommended for 5" poles.
4. Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensor (PIR or PIRH).
5. Bird spikes are intended for use on horizontal surfaces only and not for use on sloped surfaces. See Accessories for ordering information.
6. Shorting cap included.
7. Not available with DS (LED Nlight AIR configuration DSXWPM LED 20C 1000).
8. Reference Motion Sensor default settings section for more information on functionality and settings. Reference Control Options for more information on NLTAIR2 nLight AIR generation 2 enabled.
9. Single fuse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208, 240, or 480 voltage option.
10. Also available as a separate accessory; see Accessories information.
11. Not available with HVOLT.
12. Specify luminaire mounting height for proper sensor coverage.
13. Dual switching is not available with other PIR or PER options.
14. Not available with BL, BLC, or NLTAIR2 distribution. Also available as a separate accessory; see Accessories information.
15. Not available with HVOLT or any of the 480V options.
16. Requires one tenon mounting adaptor (SPUMBA or RPUMBA) per unit. See Tenon Mounting Slipfitter table on page 4.
17. For retrofit use only. Only usable when poles still present in NLTAIR2 dimming footprints #8.

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Submitted by Enterprise Lighting, LTD

Enterprise Lighting — Architectural Products

Job Name: 1617 Sherman Ave - Site

Catalog Number: DSX1 LED P2 **K T3M MVOLT SPA HS STD FINISH G1

Notes:

Type: OA3M

ELLTD-118618

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD G1

DSX1 LED

VERIFY

Series	Light engine	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	P1 1 light engine P2 2 light engines P3 3 light engines P4 4 light engines P5 5 light engines P6 6 light engines P7 7 light engines P8 8 light engines P9 9 light engines P10 10 light engines P11 11 light engines P12 12 light engines Related options P10* P12* P11* P13*	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium T4W Type IV wide TFTM Forward throw medium TLG Type G (for 16' mounting height)	MVOLT (277V-480V)[1] HVOLT 120 120V[2] 208 208V[2] 240 240V[2] 277 277V[2] 347 347V[2] 480 480V[2]	Shipped included SPA Square pole universal mounting adaptor[4] RPA Round pole universal mounting adaptor[4] WBA Wall bracket[3] SPUMBA Square pole universal mounting adaptor[4] RPUMBA Round pole universal mounting adaptor[4] Shipped separately BSW Bird spikes[5] EGS External glare shield

Control options	Other options	Finish (required)	Options (continued)
Shipped installed NLTAIR2 Nlight AIR generation 2 enabled[6,7] PIR Motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 5fc[8,9,10] PIR1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc[8,9,10] PIRH Motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 5fc[8,9,10] PIRH1FC3V Motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 1fc[8,9,10] PER Motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 5fc, 5-way control enabled[8,9,10] PER5 Five-pin photocell, dusk to dawn[11] PER7 Seven-pin photocell, dusk to dawn, 5-way control enabled[11] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) DS Dual switching[12,13]	Shipped included BL30 Left-rotated optic[14] BR30 Right-rotated optic[14] SF Single fuse (120, 277, 347V)[15] DF Double fuse (208, 240, 480V)[15] HS House-side shield[16] Shipped separately BS Bird spikes[17] EGS External glare shield	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone	Shipped included VG Vibration damper[18] HA Horizontal arm bracket mounting[19] FG Fusing (specify amperage) (not available with MVOLT)[20] CPO120 1/2" coupling[21] CPO147 3/4" coupling[21] CPO175 1" coupling[21] HA12 12" threaded nipple[22] HA24 24" threaded nipple[22] HA36 36" threaded nipple[22] DWHG Textured white[23] SGCRCBC 2 Pack shortform covers (standard in plastic) SGCRCBCLP 2 Pack shortform covers (standard in plastic) Lead Free[24] SGCRSSCBC 2 Pack shortform covers (standard in stainless)[25] SGCRSSCBCLP 2 Pack shortform covers (standard in stainless) Lead Free[24] SHIELD Shield[26] SHIELD1 Shield[27] SHIELD2 Shield[28] SHIELD3 Shield[29] SHIELD4 Shield[30] SHIELD5 Shield[31] SHIELD6 Shield[32] SHIELD7 Shield[33] SHIELD8 Shield[34]

Accessories

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NOTES

1. 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 (DF, SF options), or photocontrol (PER, etc).
2. Not available with 10K, HVOLT or DDBTXD finish. Not available with PIR, PIRH.
3. Not available with 30 degree mounting. Not recommended for 5" poles.
4. Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensor (PIR or PIRH).
5. Bird spikes are intended for use on horizontal surfaces only and not for use on sloped surfaces. See Accessories for ordering information.
6. Shorting cap included.
7. Not available with DS (LED Nlight AIR configuration DSXWPM LED 20C 1000).
8. Reference Motion Sensor default settings section for more information on functionality and settings. Reference Control Options for more information on NLTAIR2 nLight AIR generation 2 enabled.
9. Single fuse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208, 240, or 480 voltage option.
10. Also available as a separate accessory; see Accessories information.
11. Not available with HVOLT.
12. Specify luminaire mounting height for proper sensor coverage.
13. Dual switching is not available with other PIR or PER options.
14. Not available with BL, BLC, or NLTAIR2 distribution. Also available as a separate accessory; see Accessories information.
15. Not available with HVOLT or any of the 480V options.
16. Requires one tenon mounting adaptor (SPUMBA or RPUMBA) per unit. See Tenon Mounting Slipfitter table on page 4.
17. For retrofit use only. Only usable when poles still present in NLTAIR2 dimming footprints #8.

LITHONIA LIGHTING COMMERCIAL OUTDOOR

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Submitted by Enterprise Lighting, LTD

Enterprise Lighting — Architectural Products

Job Name: 1617 Sherman Ave - Site

Catalog Number: DSX1 LED P2 **K T3M MVOLT SPA HS STD FINISH G1

Notes:

Type: OA3M

ELLTD-118618

Ordering Information

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD G1

DSX1 LED

VERIFY

Series	Light engine	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	P1 1 light engine P2 2 light engines P3 3 light engines P4 4 light engines P5 5 light engines P6 6 light engines P7 7 light engines P8 8 light engines P9 9 light engines P10 10 light engines P11 11 light engines P12 12 light engines Related options P10* P12* P11* P13*	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium T4W Type IV wide TFTM Forward throw medium TLG Type G (for 16' mounting height)	MVOLT (277V-480V)[1] HVOLT 120 120V[2] 208 208V[2] 240 240V[2] 277 277V[2] 347 347V[2] 480 480V[2]	Shipped included SPA Square pole universal mounting adaptor[4] RPA Round pole universal mounting adaptor[4] WBA Wall bracket[3] SPUMBA Square pole universal mounting adaptor[4] RPUMBA Round pole universal mounting adaptor[4] Shipped separately BSW Bird spikes[5] EGS External glare shield

| Control

Potter Lawson

Success by Design

Submitted by Enterprise Lighting, LTD

Job Name: 1617 Sherman Ave - Site

Catalog Number: DSXWPM LED 10C 1000 **K TFTM MVOLT DIDL SPUMBA STD FINISH

Notes:

Type: OAFT

ELLTD-1108158

Options and Accessories



Mounting detail



A315DF - Asymmetric diffuse (left en-glare is T3M, right engine is diffused)



HS - House-side shields



BSW - Bird deterrent spikes



WG - Wire guard



VG - Vandal guard



DDL - Diffused drop-lens

FEATURES & SPECIFICATIONS

INTENDED USE

This energy-saving, long-life and easy-to-install design of the D-Series Pole-Mount make it the smart choice for area and site illumination for nearly any facility.

CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal performance. Slip-fitter mount is machined aluminum for strength. Tool-less entry for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that is tough and durable. Consult factory for other colors and finishing options. Available in textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to area lighting applications. Light engines are available in 3000K, 4000K or 5000K with 70+min. CRI configurations.

ELECTRICAL

Light engine(s) consist of 16 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L80=100,000 hrs at 25°C). Class 1 electronic drivers have a power factor >90%, THD <20%, and a minimum 2kV surge rating. The luminaire meets a minimum Category C Low Ipw (ANSI/IESNA LEC-RP-20).

INSTALLATION

Includes universal mounting plate, which utilizes existing drill patterns and allows for quick and easy installation. Stainless steel bolts fasten the mounting block securely to pole.

LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40ºC minimum ambient.

Design Lights Consortium® (DLC®) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

BUY AMERICAN

This product is assembled in the USA and meets the Buy American(DOT) requirements when ordered with the proper configuration. Consult factory. Please refer to www.lithonia.com/buyamerican for additional information.

WARRANTY

5-year limited warranty. Complete warranty terms located at www.lithonia.com/support/warranty/terms_and_conditions.pdf. Please refer to www.lithonia.com/warranty/exterior_limited.pdf for additional information.

Notes: 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.

LITHONIA LIGHTING

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COMMERCIAL OUTDOOR

DSXWPM LED
Rev. 12/01/20
Page 3 of 5

Submitted On: Jan 13, 2023 4/4 Index Page

Submitted by Enterprise Lighting, LTD

Job Name: 1617 Sherman Ave - Site

Catalog Number: SSS 10 4C DM19AS STD FINISH

Notes:

Type: OAFT

ELLTD-1108158

LITHONIA LIGHTING

Catalog Number:
Notes:
Type:

FEATURES & SPECIFICATIONS

INTENDED USE — These specifications are for USA standards only. Square Straight Steel is a general purpose light pole for up to 30 foot mounting heights. The pole provides a robust and cost effective option for mounting area lights and floodlights.

CONSTRUCTION

Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a weldable, grade, hot-rolled, commercial quality steel tubing with a minimum yield of 45 KSI (1 gauge, 5.33", or 10 KSI (7 gauge, 6.13"). Shaft is one piece with a full-length longitudinal high-frequency electric resistance weld. Uniformity supports consistent application of decorative accessories and luminaires. Shaft is provided with a 1/2" x 13" (12.7mm x 330mm) grounding lug.

Pole Top: Options include 3" tenon top, drilled for side mount fixtures, arm mount drilling for bolts and arm, and open top. Side drilled and open top poles include a removable top cap.

Handhole: A reinforced handhole with grounding provision is provided at 16" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support Buildings for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2" x 5".

Base Cover: A durable ABS plastic base cover, finished to match the pole, is provided with each pole.

Anchor Base Duty: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, 55 KSI minimum yield strength and tensile strength of 75-95 KSI. Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A153.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc plated carbon steel or stainless steel.

FINISH — Extra durable paint finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets AAMA 2604 standards. Finish is 2.5 mils minimum thickness. Available in a full range of RAL and Architectural Bronze colors. Architectural Colors and Special Finishes are available for quote and include, but are not limited to Paint-Over-Hot-Dipped-Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

BUY AMERICAN ACT — Product with the BAA options is assembled in the USA and meets the Buy American government procurement requirements under FAR, DFARS and DOT regulations.

Please refer to www.acuitybrands.com/buy-american for additional information.

INSTALLATION — **Do not** erect poles without having fixtures included. Factory supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent Mold damage. Lithonia Lighting is not responsible for the foundation design.

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.
Specifications subject to change without notice.

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

BAA

DSXWA1 LED

D370008

P002 555

Submitted On: Jan 13, 2023 1/4 Index Page

Submitted by Enterprise Lighting, LTD

Job Name: 1617 Sherman Ave - Site

Catalog Number: SSS 10 4C DM19AS STD FINISH

Notes:

Type: OAFT

ELLTD-1108158

SSS Square Straight Steel Poles

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

Example: SSS 20 5C DM19 DDBXD

SSS	4 CS*									Finish*
Series	Mounting Height (Nominal)	Nominal Shaft Size (Base x Wall Thickness)*	Tenon Mounting		Options		Shipped Included			Finish*
SSS	20 20' (6m) (Luminaire, pole & arm weight limited to 1,000 lbs. (454 kg) at mount. 20ft dia.)	4C 4" x 10GA (10.2 cm x 3.4 mm)	Y Tenon Mounting		Base Cover Only (Standard)		Shipped separately			Super durable paint colors
	See Architectural information table for luminaire weight information.)	5C 5" x 10GA (12.7 cm x 3.4 mm)	1 1" (2.5cm)	Specify 1 to 4 tenons	HA Handhole Access Cover		Vibration dampers*			DDBXD Dark Bronze
		7C 7" x 10GA (17.8 cm x 3.4 mm)	1C 1" (2.5cm) (3.5" OD)		DM19AS* 2 at 180°		Horizontal arm bracket (1 Tenon)*			DBLXD Black
		9S 9" x 7GA (22.9 cm x 4.5 mm)	2 2-1/2" (6.3cm) (3.5" OD)		DM28AS* 2 at 180°		Enclosure audio/Visio electrical**			DNAXD Natural aluminum
		9L 9" x 3/16" (22.9 cm x 4.8 mm)	2C 2" (5.1cm) (3.5" OD)		DM29AS* 2 at 180°					DWHXD White
			T2B 2-1/2" (6.3") (4")		DM39AS* 3 at 90°		1/2" coupling*			DSSXD Sandstone
			T2S 2-1/2" (6.3") (3.5")		DM49AS* 4 at 90°		3/4" coupling*			DGCXD Charcoal gray
			T3S 3" (7.6) (3.5" OD)		DM28Z1* Horizontal slip fitter for 2 at 90°		1" reducing*			DTGXD Tennis green
					DM29AS* 2 at 90°		NPS 1/2 to 3/4 adapter*			DBRXD Bright red
					DM39AS* 3 at 90°		NPS 3/4 to 1" adapter*			DSHXD Sheet Blue
					DM49AS* 4 at 90°		NPS 1 to 1-1/4" threaded nipple*			DTBXD Textured dark bronze
					DM28Z1* 2 at 90°		Extra handhole**			DBLXD Textured black
					DM29AS* 2 at 90°					DNAXD Textured natural aluminum
					DM39AS* 3 at 90°					DWHXD Textured white
					DM49AS* 4 at 90°					DMAXD Textured matte
					DM28Z1* 2 at 90°					Non-standard colors
					DM29AS* 2 at 90°					Consult factory
					DM39AS* 3 at 90°					Architectural/special finishes
					DM49AS* 4 at 90°					Consult factory

NOTES:

1. Handhole cover (HA), full base cover (PBC) and top caps (TC) shipped separately. No need to call out in nomenclature. For additional push-plate cover, see accessories.
2. Wall thickness will be signified with a "T" (10 Gauge) or a "3" (3 gauge) in nomenclature. "C" - 0.135" "T" - 0.105" "3" - 0.239"
3. Tenon O.D. is 3.5" unless otherwise noted. Tenon I.D. is dependent on wall thickness. When ordering for the same pole, follow this example: DM29AS 180 2C. The combination includes a required tenon handhole.
4. Refer to the fixture spec sheet for the correct drilling template pattern
5. Not recommended for wind zone 4.
6. ASTM A36 Fy=36ksi is a minimum (up to 12').
7. Insert "1" or "2" to designate fixture size, e.g. DM19AS1 or DM19AS2.
8. Do 4" and 7" poles, HS cannot be installed if luminaire is DSX1 HS, HS are located higher than 21.4 of the pole's total height.
Example: For height poles 21'10, A luminaire cannot be placed above 168.

Accessories: Order as separate catalog number.

PI 20 Pkg for (2) drillings
PI 370 Pkg for (3)thru(5) drillings

9. Specify location and manipulation values ordering option.
Key "A/1" - Specify the height above the base of pole to bolt at first and last tenon; separate bolt and tenon with a "/". Example: 10' - 0 and 200 Side is A.
Key "B" - Specify Bolt Circle Location Number (B.C.D.) Refer to the Handhole Orientation diagram below. Example: 1/2" coupling at 3'6" is nomenclature = 2/F3.5 HC
10. Reinforced arm is 36" x 2-1/8" O.D. brown standard, with radius curve grinding 12" Cut and 2-1/8" O.D. if ordering with tenon mounting. Not available with 1" tenon mounting. Consult factory for other options.
11. This item must come with ATD or will result in an installed fixture. Please must be supplied by customer or electrician.
12. Combination of tenon top and drill mount includes auto handhole. DM mi adders cover.
13. Tenon mounting not available on 4" poles.
14. Slip collars with pushbuttons are required.
15. Finish must be specified. Additional colors available; see Architectural Color brochure (Select Color) (Form No. TMCS). Lead times may be extended up to 2 weeks due to paint procurement.

Submitted On: Jan 13, 2023 2/4 Index Page

Submitted by Enterprise Lighting, LTD

Job Name: 1617 Sherman Ave - Site

Catalog Number: SSS 10 4C DM19AS STD FINISH

Notes:

Type: OAFT

ELLTD-1108158

SSS Square Straight Steel Poles

TECHNICAL INFORMATION — EPA (ft²) with 1.3 gust

Catalog Number	Nominal Tenon O.D. (in.)	Pole Shaft Size (Base x Wall Thickness in in.)	Wall thick (in)	Gauge	EPA (ft²) with 1.3 gust				Bolt circle (in)	Bolt size (hx, o/a x ht.)	Approximate Net Weight (lbs.)
					10 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	
SSS 10 4C	4	4.0x10.0	0.120"	11	10.6	762	7.8	975	10.0	4.5	8-3/4 x 30.0 x 1.5	765
SSS 12 4C	4	4.0x12.0	0.120"	11	10.4	648	10.0	975	10.0	4.5	8-3/4 x 36.0 x 1.5	765
SSS 14 4C	4	4.0x14.0	0.120"	11	10.9	498	11.1	978	11.7	3.5	8-3/4 x 36.0 x 1.5	768
SSS 10 5C	5	5.0x10.0	0.120"	11	15.9	1185	15.8	1185	20.0	3.5	8-3/4 x 36.0 x 1.5	1185
SSS 12 5C	5	5.0x12.0	0.120"	11	15.9	1185	15.8	1185	20.0	3.5	8-3/4 x 36.0 x 1.5	1185
SSS 14 5C	5	5.0x14.0	0.120"	11	15.9	1185	15.8	1185	20.0	3.5	8-3/4 x 36.0 x 1.5	1185
SSS 10 7C	7	7.0x10.0	0.179"	7	6.7	507	6.7	507	6.9	3.5	8-3/4 x 36.0 x 1.5	1185
SSS 12 7C	7	7.0x12.0	0.179"	7	6.7	507	6.7	507	6.9	3.5	8-3/4 x 36.0 x 1.5	1185
SSS 14 7C	7	7.0x14.0	0.179"	7	6.7	507	6.7	507	6.9	3.5	8-3/4 x 36.0 x 1.5	1185
SSS 10 9S	9	9.0x10.0	0.239"	3	10.2	1185	10.2	1185	10.2	3.5	8-3/4 x 36.0 x 1.5	1185
SSS 12 9S	9	9.0x12.0	0.239"	3	10.2	1185	10.2	1185	10.2	3.5	8-3/4 x 36.0 x 1.5	1185
SSS 14 9S	9	9.0x14.0	0.239"	3	10.2	1185	10.2	1185	10.2	3.5	8-3/4 x 36.0 x 1.5	1185
SSS 10 9L	9	9.0x10.0	0.179"	7	5.9	592	7.6	592	7.6	4.2	8-3/4 x 36.0 x 1.5	1185
SSS 10 9HS	9	9.0x10.0	0.179"	7	7.2	592	7.2	592	7.2	4.2	8-3/4 x 36.0 x 1.5	1185

NOTE: EPA values are based on ASCE 7-10 wind map for 0.2 % recurrence, with a 1.3x the pole height. For .20 in gust, EPA=0.

TECHNICAL INFORMATION — EPA (ft²) WITH 3-SECOND GUST PER AASHTO 2013

Series	Nominal Tenon Size (in.)	Mounting Height (ft.)	Wall thick (in)	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	Approximate Net Weight (lbs.)
SSS	4	4C	0.120"	11	4.6	1185	6.1	1185	7.7	1185	9.5	1185	11.5	1185	13.7	765
SSS	5	4C	0.120"	11	6.9	1185	9.1	1185	11.5	1185	14.2	1185	17.2	1185	20.4	1185
SSS	7	4C	0.179"	7	2.9	507	3.8	507	4.8	507	5.9	507	7.1	507	8.5	507
SSS	9	4C	0.239"	3	4.4	1185	5.8	1185	7.3	1185	9.0	1185	10.8	1185	12.9	1185
SSS	9	4C	0.179"	7	3.1	592	4.1	592	5.2	592	6.4	592	7.7	592	9.2	592
SSS	9	4C	0.239"	3	4.4	1185	5.8	1185	7.3	1185	9.0	1185	10.8	1185	12.9	1185
SSS	10	4C	0.120"	11	3.4	762	4.5	975	5.7	975	7.0	975	8.5	975	10.1	765
SSS	10	4C	0.135"	11	3.8	762	5.0	975	6.3	975	7.8	975	9.4	975	11.2	765
SSS	10	5C	0.135"	11	5.8	1185	7.7	1185	9.7	1185	11.9	1185	14.4	1185	17.1	1185
SSS	10	7C	0.179"	7	2.4	507	3.2	507	4.0	507	4.9	507	5.9	507	7.0	507
SSS	10	9S	0.239"	3	3.7	1185	4.9	1185	6.2	1185	7.6	1185	9.2	1185	10.9	1185
SSS	10	9L	0.179"	7	2.6	592	3.4	592	4.3	592	5.3	592	6.4	592	7.6	592
SSS	10	9HS	0.179"	7	3.1	592	4.1	592	5.2	592	6.4	592	7.7	592	9.2	592
SSS	12	4C	0.120"	11	2.8	648	3.7	975	4.7	975	5.8	975	7.0	975	8.3	765
SSS	12	4C	0.135"	11	3.2	762	4.2	975	5.3	975	6.5	975	7.8	975	9.3	765
SSS	12	5C	0.135"	11	4.8	1185	6.4	1185	8.1	1185	9.9	1185	11.9	1185	14.2	1185
SSS	12	7C	0.179"	7	2.0	507	2.7	507	3.3	507	4.1	507	4.9	507	5.8	507
SSS	12	9S	0.239"	3	3.1	1185	4.1	1185	5.2	1185	6.4	1185	7.6	1185	9.1	1185
SSS	12	9L	0.179"	7	2.2	592	2.9	592	3.6	592	4.5	592	5.4	592	6.4	592
SSS	12	9HS	0.179"	7	2.6	592	3.4	592	4.3	592	5.3	592	6.4	592	7.6	592
SSS	14	4C	0.135"	11	2.7	498	3.5	975	4.4	975	5.4	975	6.5	975	7.7	768
SSS	14	5C	0.135"	11	4.0	1185	5.3	1185	6.7	1185	8.2	1185	9.9	1185	11.8	1185
SSS	14	7C	0.179"	7	1.7	507	2.2	507	2.8	507	3.4	507	4.1	507	4.8	507
SSS	14	9S	0.239"	3	2.6	1185	3.4	1185	4.3	1185	5.3	1185	6.3	1185	7.5	1185
SSS	14	9L	0.179"	7	1.8	592	2.4	592	3.0	592	3.7	592	4.5	592	5.3	592
SSS	14	9HS	0.179"	7	2.2	592	2.9	592	3.6	592	4.4	592	5.3	592	6.3	592

Submitted On: Jan 13, 2023 3/4 Index Page

Submitted by Enterprise Lighting, LTD

Job Name: 1617 Sherman Ave - Site

Catalog Number: SSS 10 4C DM19AS STD FINISH

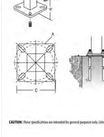
Notes:

Type: OAFT

ELLTD-1108158

SSS Square Straight Steel Poles

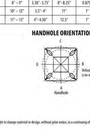
BASE DETAIL



POLE DATA

Shaft base size	Bolt circle A	Bolt projection B	Base square C	Base plate thickness	Template description	Anchor bolt description	Anchor bolt and template description
4"x4"	8" - 3"	3.25" - 3.75"	8" - 4.25"	0.25"	ABTEMPLATE4X4	ABB4	ABB4-4C
4"x4"	8" - 3"	3.50" - 3.75"	8" - 8.25"	0.875"	ABTEMPLATE4X4	ABB36	ABB35-4C
5"	10" - 12"	3.25" - 4"	10" - 4"	1"	ABTEMPLATE5X5	ABB4	ABB35-5
4"	11" - 13"	4" - 4.50"	13.5"	1"	ABTEMPLATE7X7	ABB4-4	N/A

HANDHOLE ORIENTATION



Handhole

IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures included
- Factory supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent Mold damage.
- Lithonia Lighting is not responsible for the foundation design.
- Bolt circles from +/- 1/2" tolerance.

CAUTION: These specifications are intended for general purpose only. Lithonia Lighting reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

LITHONIA LIGHTING

D370008 One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

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P002 555

Submitted On: Jan 13, 2023 4/4 Index Page

Submitted by Enterprise Lighting, LTD

Job Name: 1617 Sherman Ave - Site

Catalog Number: LDN6 **/10 LOBAR LSS MVOLT GZ10

Notes:

Type: OD

ELLTD-1108158

LITHONIA LIGHTING

Catalog Number:
Notes:
Type:

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for retail stores in main corridors, hallways, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting plate for flanges, galvanized steel junction box with tamper-hinged access cover, and spring tab filter. Reflectors are retained by tension springs.

FINISH — Standard finish is white polyester powder coating applied to 3.5 mil. Mil undercoat.

Two combinations 12" (30.5 cm) and four 6" (15 cm) modules for straight-through, corner box. Capacity: 10 #14, 8 ga. (2.1 mm) conductors, rated for 90°C.

ELECTRICAL — Integral LED driver.

Passive cooling thermal management for 25°C standard, high ambient 40°C options available. Light engines and drivers are accessible from above or below ceiling.

OPTICS — LEDs are mounted to a 4000K (4K) 80 minimum, 90 CRI optimized, aluminum board with diffusing optical lens.

DIMMING — Dimming drivers standard. Compatible with diffusing optical lens.

General Illumination lighting with 1.0 CRI and 0.7 coefficient of variation and every 4 ft. (1.2 m) spacing.

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

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

Class 1 electronic drivers have a power factor >90%, THD <20%, and a minimum 2kV surge rating. The luminaire meets a minimum Category C Low Ipw (ANSI/IESNA LEC-RP-20).

INSTALLATION — Includes universal mounting plate, which utilizes existing drill patterns and allows for quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles.

LISTINGS — CSA certified to U.S. and Canadian standards. Rated for -40ºC minimum ambient.

Design Lights Consortium® (DLC®) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

BUY AMERICAN — This product is assembled in the USA and meets the Buy American(DOT) requirements when ordered with the proper configuration. Consult factory. Please refer to www.lithonia.com/buyamerican for additional information.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.lithonia.com/support/warranty/terms_and_conditions

Notes: 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.

LDN6

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













Catalog Number:
Notes:
Type:

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

Example: LDN6 35/15 LOBAR LSS MVOLT GZ10

LDN6	verify										
Series	Color temperature		Lumens*		Aperture/Trim Color			Finish		Voltage	
LDN6 4" round	27	2700K	15	1500 lumens	10	Downlight	AR	Clear	120	Specify input voltage	
	30	3000K	20	2000 lumens	LWL	Wallwash	BK	White	MVOLT	Multi-volt	
	35	3500K	25	2500 lumens			BB	Black	347	347V	
	40	4000K	30	3000 lumens					277	277V	
	50	5000K	35	3500 lumens					347	347V	

Driver	Options	
35/15	35 W*	Single fuse
30	30 W	White painted flange
25/15	25 W*	Black painted flange
20	20 W	Emergency battery pack with integral test switch. 90W Constant Power, Not Certified in CA Title 20 MAEDBS.
15	15 W	Emergency battery pack with integral test switch. 90W Constant Power, Not Certified in CA Title 20 MAEDBS.
10	10 W	Emergency battery pack with integral test switch. Certified in CA Title 20 MAEDBS.
7	7 W	Emergency battery pack with integral test switch. Certified in CA Title 20 MAEDBS.
35/15*	35/15 W*	Constant Power, Not Certified in CA Title 20 MAEDBS.
20/10*	20/10 W*	Emergency battery pack. 90W Constant Power with integral test switch. Certified in CA Title 20 MAEDBS.
20/10CP*	20/10 W*	Emergency battery pack. 90W Constant Power with integral test switch. Certified in CA Title 20 MAEDBS.
20/10CP	20/10 W*	Emergency battery pack. 90W Constant Power with remote test switch. Certified in CA Title 20 MAEDBS.
WPXD	WPXD 20*	eLight* network powered top pack with 0-10V dimming for use 4000LED drivers. A19, A21, B10 wireless features on emergency circuit.

Options	
90*	eLight* Lumen Compensation
90*	Wireless room control with "Just Dim Touch" pairing
MPSMA*	eLight* dimming pack controls 0-10V 4000LED drivers (A21K, A21L)
MPSMA20X	eLight* dimming pack controls 0-10V 4000LED drivers (A21K, A21L, B10 wireless features)
BAA*	Buy American Act Compliant
CP*	High ambient option Chicago Plenum
WHL_	Specify finish of luminaire connected to enable a simple and consistent factory installed option across all LDL luminaire brands. Available in BSA, A, WLB, BWLB, AWLB, and WALLSCL. Refer to WHL spec sheet on www.lithonia.com/WHL for more WHLSK product specifications.
NLTAIR2*	eLight* Accessories
NLTAIRGR*	eLight* AIR Dimming Pack Wireless Controls, Controls Fixtures on emergency circuit, not available with battery pack options
NLTAIRGRC*	eLight* AIR Dimming Pack Wireless Controls. ISCAN Emergency Operation. Controls fixtures on emergency circuit. Not available with battery pack options.
90CSB	High (36.9fc)

Accessories: Order as separate catalog number.	
PCXXXSCP	CNC Power Centry battery pack, 120-compliant, field-installable. Max constant power
LDL1SQLT/CP	Compact interchangeable emergency AC power system
LDL1SQLT/CP	Compact interchangeable emergency AC power system
GFAM-LP	Oversized trim ring with 3" outside diameter
SLA6	Specified ceiling adapter. Order as shipped separate specified. THE, HSE, FSB, SPA, CHB, BWB, SH, SHDW, FBO

Notes:

1. Emergency height varies based on luminaire package; refer to dimensional chart on page 2.
2. Not available with 90 lumens.
3. Not available with emergency options.
4. Not available with 35W, 30W, 25W.
5. Available with class 2 drivers only.
6. 12.2" maximum depth on top access required for battery pack maintenance.
7. Not available with 347V or 480V. Not available with eLight AIR power. Will require an emergency back-box and external switch.
8. Furnished as spec at 90% light level. Must be specified with WPXD4CC or WPXD4CCSB. Only available with 4000 lumen LED drivers.
9. Not available with 20 W, WPXD4CC, WPXD4CCSB, WPPXD4, WPPXD4SCC or A80 options.
10. Not available with A2000LS, A2500LS and A3000LS. Not recommended for wet location installations.
11. Not available with 0-10V or TRIAC dimming.
12. Must specify voltage for 1000lm and above. 5000 lm will operate from 347V to 480V.
13. Must specify voltage for 1500lm and above. 7000 lm will operate from 347V to 480V.
14. Not available with 1500lm, 2000lm, 2500lm, 3000lm, 3500lm.

Submitted On: Jan 13, 2023 5/6 Index Page

Submitted by Enterprise Lighting, LTD

Job Name: 1617 Sherman Ave - Site

Catalog Number: LDN6 **/10 LOBAR LSS MVOLT GZ10

Notes:

Type: OD

ELLTD-1108158

LDN6

PHOTOMETRY

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

LDN6 35/10 LOBAR, input watts: 10.44, delivered lumens: 9873.0, LM/W = 94.54, spacing criterion at 0= 1.02, test no. ISF 307169262.



Lateral	Vertical	Candela	Luminance	Zonal	Lumens	Percent Lamp
0	0	1,581	1,581	0-30	1,240	12.6%
0	15	1,581	1,581	0-40	2,211	22.4%
0	25	1,581	1,581	0-60	4,427	44.8%
0	35	1,581	1,581	0-90	9,873	100.0%
0	45	1,581	1,581	90-180	0	0.0%
0	55	1,581	1,581			
0	65	1,581	1,581			
0	75	1,581	1,581			
0	85	1,581	1,581			
0	90	1,581	1,581			

Efficiency: 94.54

Mounting Height	Spacing	Footcandles On Axis	Footcandles Off Axis	50% Spacing	50% Spacing
10'	10'	10.1	10.1	10.0'	10.0'
10'	15'	4.5	4.5	15.0'	15.0'
10'	20'	2.5	2.5	20.0'	20.0'
10'	25'	1.6	1.6	25.0'	25.0'
10'	30'	1.1	1.1	30.0'	30.0'

LDN6 35/15 LOBAR, input watts: 14.75, delivered lumens: 9873.0, LM/W = 94.54, spacing criterion at 0= 1.02, test no. ISF 307169262.



Lateral	Vertical	Candela	Luminance	Zonal	Lumens	Percent Lamp
0	0	2,581	2,581	0-30	1,240	12.6%
0	15	2,581	2,581	0-40	2,211	22.4%
0	25	2,581	2,581	0-60	4,427	44.8%
0	35	2,581	2,581	0-90	9,873	100.0%
0	45	2,581	2,581	90-180	0	0.0%
0	55	2,581	2,581			
0	65	2,581	2,581			
0	75	2,581	2,581			
0	85	2,581	2,581			
0	90	2,581	2,581			

Efficiency: 94.54

Mounting Height	Spacing	Footcandles On Axis	Footcandles Off Axis	50% Spacing	50% Spacing
10'	10'	16.5	16.5	10.0'	10.0'
10'	15'	7.3	7.3	15.0'	15.0'
10'	20'	4.1	4.1	20.0'	20.0'
10'	25'	2.6	2.6	25.0'	25.0'
10'	30'	1.8	1.8	30.0'	30.0'

LDN6 35/10 LOBAR, input watts: 34.75, delivered lumens: 9

Submitted by Enterprise Lighting, LTD	Job Name: 1617 Sherman Ave - Site	Catalog Number: DXSW1 LED 20C 1000 **K T2S MVOLT STD FINISH	Type: OW2
Enterprise Lighting Architectural Area		Notes:	ELLED-118618

D-Series Size 1
LED Wall Luminaire

Cat#/Qty/Number
Notes
Type

DSeries

Specifications

Luminaire

Width: 13 3/4" (34.9 cm) Weight: 12 lbs (5.4 kg)
Depth: 10" (25.4 cm)
Height: 6 3/8" (16.2 cm)

Back Box (BBW, E20WC)

Width:	13 3/4" (34.9 cm)	BBW Weight:	5 lbs (2.3 kg)
Depth:	4" (10.2 cm)	E20WC Weight:	10 lbs (4.5 kg)
Height:	6 3/8" (16.2 cm)		

For 3/4" NPT adjustable conduit (BBW only)

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. 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 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

verify

DSXW1 LED

Series	LEDs	Drive Current	Color Temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	10C 10 LEDs (one engine)	350 350mA 530 530mA 700 700mA 1000 1000mA (1 A)[1]	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type I Short T2M Type II Medium T2S Type II Short T3M Type III Medium T3S Type III Short T4M Type IV Medium RCCO Rotatable Refractive Controlled Optic TFTM Forward Throw Medium	120 120V 208 208V 240 240V 277 277V 347 347V[2] 480 480V[2]	SRM Surface mounting bracket BBW Universal mounting bracket (Blank) Surface mounting bracket (not for use with E20WC)	Shipped included PE Photoelectric cell, button type[3] DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion sensor, high sensitivity, 8 fc (default), 15 ft mounting height, ambient sensor enabled at 5 fc[4] PIRH 180° motion sensor, high sensitivity, 8 fc (default), 30 ft mounting height, ambient sensor enabled at 5 fc[4] PIRHTC 180° motion sensor, high sensitivity, 8 fc (default), 15 ft mounting height, ambient sensor enabled at 5 fc, bilevel dimming, 30% dimming, 5 min hold time[4] EL90C Emergency battery backup (includes external component enclosure), 0°C to 40°C ambient[5]

verify

Drive Access | Finish

Shipped included
SF Single Spot CSD, 27" to 36"H[6,7]
DF Double Spot CSD, 28"L, 36"H[6,7]
HS House-side shield[7]
SPD Separate surge protector[7]

Shipped separately[7]
BSW Bird-deterrent spikes
VG Vandal guard
DDL Diffused drop lens

DDBXD Dark bronze
DBLXD Black
DNAXD Natural aluminum
DWHXD White
DSSTXD Sandstone
DBTXD Textured dark bronze
DBLBXD Textured black
DNATXD Textured natural aluminum
DWHGXD Textured white
DSSTXD Textured sandstone

Accessories

Ordered and shipped separately.

DSXW1 U Power cord (120V) (one light engine)
DSXW1 U Wall mount plate
DSXW1 U Vandal guard accessory

NOTES
1. 20C 1000 is not available with PE, PIRH, PIRHTCSF or PIRHTCDF.
2. Not available with 1000mA, PIR, PIRH, PIRHTC, PIRHTCSF or PIRHTCDF.
3. Single Spot (SF) requires 120, 277 or 347 voltage option. Double Spot (DF) requires 208, 240 or 480 voltage option.
4. Only available with 20C, 700mA or 1000mA. Not available with PE or PIRH.
5. Not available with 1000mA. Reference Emergency Battery Backup data sheet for additional information.
6. Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with customized light sources (FW or FBW).
7. Reference Ancillary Section Table on page 3.
8. Not available with 20C 1000 or 30K CCT options. Not compatible with coastal salty applications. Not available with EM90C mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode 90 fixtures located on standard engine or
9. Not available with SPD.
10. Not available with E20WC.
11. Also available as a separate accessory see Accessories information.
12. Not available with E20WC.

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Submitted by Enterprise Lighting, LTD	Job Name: 1617 Sherman Ave - Site	Catalog Number: DXSW1 LED 20C 1000 **K T2S MVOLT STD FINISH	Type: OW2
Enterprise Lighting Architectural Area		Notes:	ELLED-118618

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Contact factory for performance data on any configurations not shown here.

CCT	Drive Current (mA)	Input Watts	Drive Type	40K (4000 K, 70 CRI)						30K (3000 K, 70 CRI)						50K (5000 K, 70 CRI)						AMBER (Dominant Wavelength: 590 nm)					
				Lumens	B	U	G	Lumens	B	U	G	Lumens	B	U	G	Lumens	B	U	G	Lumens	B	U	G
10C (10 LEDs)	350mA	13W	T1S	1,492	0	0	1	1,441	0	0	1	1,543	0	0	1	1,778	0	0	1	454	0	0	1
			T2M	1,546	0	0	1	1,493	0	0	1	1,598	0	0	1	1,842	0	0	1	470	0	0	1
			T2S	1,546	0	0	1	1,493	0	0	1	1,598	0	0	1	1,842	0	0	1	470	0	0	1
			T3M	1,537	0	0	1	1,484	0	0	1	1,589	0	0	1	1,832	0	0	1	468	0	0	1
			T3S	1,477	0	0	1	1,427	0	0	1	1,527	0	0	1	1,761	0	0	1	450	0	0	1
			T4M	1,540	0	0	1	1,488	0	0	1	1,592	0	0	1	1,835	0	0	1	469	0	0	1
			RCCO	1,521	0	0	1	1,469	0	0	1	1,573	0	0	1	1,813	0	0	1	463	0	0	1
	530mA	19W	T1S	2,195	0	0	1	2,120	0	0	1	2,270	0	0	1	2,616	0	0	1	668	0	0	1
			T2M	2,275	0	0	1	2,197	0	0	1	2,352	0	0	1	2,711	0	0	1	692	0	0	1
			T2S	2,275	0	0	1	2,197	0	0	1	2,352	0	0	1	2,711	0	0	1	692	0	0	1
			T3M	2,262	0	0	1	2,184	0	0	1	2,339	0	0	1	2,696	0	0	1	688	0	0	1
			T3S	2,174	0	0	1	2,100	0	0	1	2,248	0	0	1	2,591	0	0	1	662	0	0	1
			T4M	2,267	0	0	1	2,190	0	0	1	2,344	0	0	1	2,701	0	0	1	690	0	0	1
			RCCO	2,239	0	0	1	2,162	0	0	1	2,316	0	0	1	2,669	0	0	1	681	0	0	1
	700mA	25W	T1S	2,779	0	0	1	2,684	0	0	1	2,873	0	0	1	3,311	0	0	1	846	0	0	1
			T2M	2,880	0	0	1	2,781	0	0	1	2,978	0	0	1	3,432	0	0	1	876	0	0	1
			T2S	2,880	0	0	1	2,781	0	0	1	2,978	0	0	1	3,432	0	0	1	876	0	0	1
			T3M	2,864	0	0	1	2,765	0	0	1	2,961	0	0	1	3,412	0	0	1	871	0	0	1
			T3S	2,752	0	0	1	2,658	0	0	1	2,846	0	0	1	3,279	0	0	1	837	0	0	1
			T4M	2,870	0	0	1	2,772	0	0	1	2,967	0	0	1	3,419	0	0	1	873	0	0	1
			RCCO	2,834	0	0	1	2,737	0	0	1	2,931	0	0	1	3,377	0	0	1	862	0	0	1
	1000mA	35W	T1S	3,844	0	0	1	3,713	0	0	1	3,975	0	0	1	4,581	0	0	1	1,170	0	0	1
			T2M	3,984	0	0	1	3,847	0	0	1	4,120	0	0	1	4,748	0	0	1	1,212	0	0	1
			T2S	3,984	0	0	1	3,847	0	0	1	4,120	0	0	1	4,748	0	0	1	1,212	0	0	1
			T3M	3,962	0	0	1	3,826	0	0	1	4,097	0	0	1	4,721	0	0	1	1,205	0	0	1
			T3S	3,808	0	0	1	3,677	0	0	1	3,938	0	0	1	4,537	0	0	1	1,158	0	0	1
			T4M	3,971	0	0	1	3,835	0	0	1	4,107	0	0	1	4,732	0	0	1	1,208	0	0	1
			RCCO	3,921	0	0	1	3,787	0	0	1	4,055	0	0	1	4,671	0	0	1	1,192	0	0	1
20C (20 LEDs)	530mA	38W	T1S	4,390	0	0	2	4,240	0	0	2	4,539	0	0	2	5,232	0	0	2	1,336	0	0	2
			T2M	4,550	0	0	2	4,394	0	0	2	4,706	0	0	2	5,423	0	0	2	1,384	0	0	2
			T2S	4,550	0	0	2	4,394	0	0	2	4,706	0	0	2	5,423	0	0	2	1,384	0	0	2
			T3M	4,525	0	0	2	4,370	0	0	2	4,680	0	0	2	5,393	0	0	2	1,377	0	0	2
			T3S	4,349	0	0	2	4,200	0	0	2	4,498	0	0	2	5,182	0	0	2	1,323	0	0	2
			T4M	4,535	0	0	2	4,379	0	0	2	4,691	0	0	2	5,405	0	0	2	1,380	0	0	2
			RCCO	4,478	0	0	2	4,324	0	0	2	4,632	0	0	2	5,336	0	0	2	1,362	0	0	2
	700mA	50W	T1S	5,476	0	0	2	5,289	0	0	2	5,663	0	0	2	6,526	0	0	2	1,667	0	0	2
			T2M	5,676	0	0	2	5,481	0	0	2	5,871	0	0	2	6,766	0	0	2	1,727	0	0	2
			T2S	5,676	0	0	2	5,481	0	0	2	5,871	0	0	2	6,766	0	0	2	1,727	0	0	2
			T3M	5,645	0	0	2	5,451	0	0	2	5,839	0	0	2	6,728	0	0	2	1,718	0	0	2
			T3S	5,426	0	0	2	5,240	0	0	2	5,613	0	0	2	6,466	0	0	2	1,651	0	0	2
			T4M	5,657	0	0	2	5,463	0	0	2	5,852	0	0	2	6,743	0	0	2	1,722	0	0	2
			RCCO	5,586	0	0	2	5,395	0	0	2	5,778	0	0	2	6,657	0	0	2	1,699	0	0	2
	1000mA	70W	T1S	7,392	0	0	2	7,140	0	0	2	7,644	0	0	2	8,806	0	0	2	2,249	0	0	2
			T2M	7,662	0	0	2	7,399	0	0	2	7,925	0	0	2	9,131	0	0	2	2,331	0	0	2
			T2S	7,662	0	0	2	7,399	0	0	2	7,925	0	0	2	9,131	0	0	2	2,331	0	0	2
			T3M	7,620	0	0	2	7,359	0	0	2	7,881	0	0	2	9,080	0	0	2	2,319	0	0	2
			T3S	7,325	0	0	2	7,074	0	0	2	7,576	0	0	2	8,728	0	0	2	2,229	0	0	2
			T4M	7,634	0	0	2	7,373	0	0	2	7,896	0	0	2	9,099	0	0	2	2,324	0	0	2
			RCCO	7,539	0	0	2	7,281	0	0	2	7,797	0	0	2	8,984	0	0	2	2,293	0	0	2

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Submitted by Enterprise Lighting, LTD	Job Name: 1617 Sherman Ave - Site	Catalog Number: DXSW1 LED 20C 1000 **K T2S MVOLT STD FINISH	Type: OW2
Enterprise Lighting Architectural Area		Notes:	ELLED-118618

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0°C to 50°C (32°F to 122°F).

Ambient	Lumen Multiplier
0°C	1.07
10°C	1.04
20°C	1.01
25°C	1.00
30°C	0.99
40°C	0.97
50°C	0.96

Projected LED Lumen Maintenance

Data references the extrapolated lumen maintenance projections for the luminaire operating in an ambient temperature of 25°C (77°F). Projections per IESNA LM-80-15 and IESNA TM-21-11.

To calculate L87, 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	1.0	0.95	0.91	0.83

Electrical Load

Drive Current (mA)	System Watts	Distribution (%)					
		120V	208V	240V	277V	347V	480V
350	13 W	0.13	0.07	0.06	0.05	-	-
530	20 W	0.19	0.11	0.09	0.08	-	-
700	27 W	0.26	0.15	0.13	0.11	-	-
1000	40 W	0.37	0.21	0.19	0.16	-	-
350	24 W	0.23	0.13	0.12	0.10	-	-
530	38 W	0.36	0.21	0.18	0.15	-	-
700	47 W	0.44	0.25	0.22	0.19	0.15	0.11
1000	74 W	0.69	0.40	0.35	0.30	0.23	0.17

Motion Sensor Default Settings

Product	Activated Level	High Level (Post-Activation)	Photocell Operation	Ramp-Up Time	Hold Time	Ramp-Down Time
PE or PER	3fc (32lx) Output	100 (100%) Output	Enabled @ 5FC	3 sec	5 sec	5 min
*PIR/ECR or PIRH/ECR	3fc (32lx) Output	100 (100%) Output	Enabled @ 5FC	3 sec	5 sec	5 min

*For use when motion sensor is used as a dusk to dawn control

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series DSXW1 LED webpage.

Isofootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').

Distribution overlay comparison to 250W metal halide.

Options and Accessories

T1M (left) HS - House-side shields BSW - Bird-deterrent spikes VG - Vandal guard DDL - Diffused drop lens

FEATURES & SPECIFICATIONS

INTENDED USE
The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

CONSTRUCTION
Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management. Housing is completely sealed against moisture and dust (IP66 per IEC 60529). Optional back box (BBW) is rated for use in wet locations. Luminaire is finished with a tough, durable, 5-stage polyester powder coat finish that provides superior resistance to corrosion and weathering. A highly controlled multi-stage electrostatic process ensures uniform, consistent application of color to maximize product integrity. Fixture color will not fade or change color without cracking or peeling. Available in textured and non-textured finishes.

OPTICS
Proprietary molded polyester optics lenses provide multiple photometric distributions tailored specifically to building-mounted applications. Light engines are available in 3000 K (70 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 min. CRI) configurations.

ELECTRICAL
Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal core circuit board for maximum thermal performance. Class 2, electronic LED driver has a power factor >90%, THD <20%, and a minimum 2.5kV surge rating. When ordering the optional 0-10V dimming wires (DMG), the dimming driver and other low-voltage electronics are housed in a minimum Category C box (per ANSI/NEMA C82.4-T1-2).

INSTALLATION
Versatile universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket entryway and attaches to the mounting bracket via corrosion-resistant screws.

LISTINGS
CSA certified to U.S. and Canadian wet locations. Rated for -40°C minimum ambient.

DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm current listing info. Some configurations may not be listed on the DLC Qualified Products List at www.designlights.org/QPL or may not be qualified.

BUY AMERICA(N)
This product may be manufactured in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.

WARRANTY
Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create warranty rights. See www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx for additional information.

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.

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Potter Lawson
Success by Design

PRELIMINARY
NOT FOR CONSTRUCTION

1617 SHERMAN AVE

VERMILION

1617 SHERMAN AVE
MADISON, WI 53704

2022.21.00

DATE	ISSUANCE/REVISIONS
01/17/2023	LAND USE APPLICATION

LIGHTING CUT SHEETS

E006

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