

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:

Paid _____ Receipt # _____
Date received _____
Received by _____
Aldermanic District _____
Zoning District _____
Urban Design District _____
Submission reviewed by _____
Legistar # _____

Complete all sections of this application, including the desired meeting date and the action requested.

If you need an interpreter, translator, materials in alternate formats or other accommodations to access these forms, please call the phone number above immediately.

1. Project Information

Address: _____

Title: _____

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

UDC meeting date requested _____

New development

Alteration to an existing or previously-approved development

Informational

Initial approval

Final approval

3. Project Type

Project in an Urban Design District

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

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

Planned Development (PD)

General Development Plan (GDP)

Specific Implementation Plan (SIP)

Planned Multi-Use Site or Residential Building Complex

Signage

Comprehensive Design Review (CDR)

Signage Variance (i.e. modification of signage height, area, and setback)

Signage Exception

Other

Please specify

4. Applicant, Agent, and Property Owner Information

Applicant name _____

Company _____

Street address _____

City/State/Zip _____

Telephone _____

Email _____

Project contact person _____

Company _____

Street address _____

City/State/Zip _____

Telephone _____

Email _____

Property owner (if not applicant) _____

Street address _____

City/State/Zip _____

Telephone _____

Email _____

5. Required Submittal Materials

Application Form

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 CDR or Signage Variance review criteria is required.

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

Filing fee

Electronic Submittal*

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.

Each submittal must include fourteen (14) 11" x 17" **collated** paper copies. Landscape and Lighting plans (if required) must be **full-sized and legible**. Please refrain from using plastic covers or spiral binding.

Both the paper copies and electronic copies must be submitted prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. 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. All plans must be legible when reduced.

**Electronic copies of all items submitted in hard copy are required. Individual PDF files of each item submitted should be compiled on a CD or flash drive, or submitted via email to udcapplications@cityofmadison.com. The email must include the project address, project name, and applicant name. Electronic submittals via file hosting services (such as Dropbox.com) are not allowed. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.*

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 _____ on _____.
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 _____ Relationship to property _____

Authorizing signature of property owner  Date _____

7. Application Filing Fees

Fees are required to be paid with the first application for either initial or final approval of a project, unless the project is part of the combined application process involving the Urban Design Commission in conjunction with Plan Commission and/or Common Council consideration. Make checks payable to City Treasurer. Credit cards may be used for application fees of less than \$1,000.

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

Urban Design Districts: \$350 (per §35.24(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 signage variances (i.e. modifications of signage height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)

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

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

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. Applicants may, at their discretion, request to make an Informational Presentation to the UDC prior to seeking any approvals to obtain early feedback and direction before undertaking detailed design. 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 Variance 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

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.

When presenting projects to the UDC, applicants must fill out a registration slip provided in the meeting room and present it to the Secretary. Presentations should generally be limited to 5 minutes or as extended by motion by consent of the Commission. The Commission will withhold questions until the end of the presentation.

Applicants are encouraged to consider the use of various graphic presentation material including a locator map, photographs, renderings/model, scale drawings of the proposal in context with adjacent buildings/uses/signs, etc., as may be deemed appropriate to describe the project and its surroundings. Graphics should be mounted on rigid boards so that they may be easily displayed. **Applicants/presenters are responsible for all presentation materials, AV equipment and easels.**

URBAN DESIGN DEVELOPMENT PLANS CHECKLIST

The items listed below are minimal 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 (include material 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
- Proposed Signage (if applicable)
- 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)
- PD text and Letter of Intent (if applicable)
- Samples of the exterior building materials (presented at the UDC meeting)

4. Comprehensive Design Review (CDR) and Variance Requests (Signage applications only)

- Locator Map
- Letter of Intent (a summary of how the proposed signage is consistent with the CDR or Signage Variance 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



January 10, 2022

Ms. Heather Stouder
Director, Planning Division
City of Madison Department of Planning & Community & Economic Development
215 Martin Luther King Jr. Blvd., Ste 017
Madison, Wisconsin 53703

RE: Letter of Intent

2902 Dryden Dr., Madison, WI
Land Use and Urban Design Commission Submittal
KBA Project# 2103

Ms. Heather Stouder,

The following is submitted together with the plans and application for the staff, Plan Commission's, and Urban Design Commission's consideration of approval.

Organizational structure:

Owner: Prism Development LLC
Alan Steinhauer
1865 Northport Dr. Suite B
Madison, WI 53704
(608)658-8867
alsteinhauer@gmail.com

Architect: Knothe & Bruce Architects, LLC
7601 University Avenue, Ste 201
Middleton, WI 53562
608-836-3690
Contact: Kevin Burow
kburow@knothebruce.com

Engineer: Vierbicher Associates, Inc.
999 Fourier Dr.
Madison, WI 53717
(608) 826-0532
(608) 826-0530 fax
Contact: John Kastner
jkas@vierbicher.com

Landscape Design: Skidmore Property Services, LLC
13 Red Maple Trail
Madison, WI 53717
(608) 826-0032
Contact: Paul Skidmore
paulskidmore@tds.net

Introduction:

This project involves the redevelopment of 2902 Dryden Dr. which is at the intersection of Northport Rd. and Dryden Dr. The site is currently owned and managed by Sherman Plaza Inc. and is zoned CC-T (Commercial Corridor Transitional District). This will be the next phase of the Prism development and will include the demolition of the existing single-story former bank building, and the construction of a new 4-story multi-family development with underground parking.

Project Description:

The new building will have a total of 45 units, and these will be a mix of one bedroom, one-bedroom plus den, and two-bedroom unit styles. There will also be a first-floor fitness center and fourth-floor

common space with a roof deck that provides views to Warner Park. This development will be the second phase of the Prism Apartments Development at 2830 Dryden Dr. that opened in 2020, and the exterior design will be similar to this first phase development, which had fit in very nicely into this neighborhood. The siting of this building has been established based on having to maintain a 50' deep setback off of Highway 113 / Northport Drive. This does allow both buildings to be closer to each other and the large plaza area that is being created with this second phase will be shared by residents of both buildings. The existing shared access drive will also be utilized so no street connections or new curb cuts are required. This will allow for additional street parking for the neighborhood.

City and Neighborhood Input:

We have met with the City on several occasions for this proposed development including meetings with Staff and attending a DAT Meeting and this input has helped shape this proposed development. A neighborhood meeting was held in 2021, led by Alder Syed Abbas and feedback from these discussions have helped shape this proposed development.

Demolition Standards

The structure to be removed has served the community well but has surpassed its intended use. It has not functioned as a bank for many years and has no historic significance to this area. It is not a landmark structure, nor is it of an uncommon or unusual design or method of construction, and as such should meet the demolition criteria. We believe the demolition standards can be met, and a Re-use and Recycling Plan will be submitted prior to the deconstruction of the existing commercial structure.

Conditional Use approvals:

The proposed redevelopment requires a conditional use to allow for a residential building with more than 36 residential units. The proposed building's size, scale and use are consistent with the City's Comprehensive Plan for this property, which calls for Community Mixed Use in 2-6 stories. There is already a large amount of commercial space on this property, and this building will provide the housing units to enhance that.

Site Development Data:

Densities:

Gross Lot Area	34,920 sf / 0.8 Acres
Dwelling Units	45 DU
Lot Area / D.U.	776 sf / unit
Density	56 units/acre

Building Height	4 stories
-----------------	-----------

Usable Open Space	15,557 sf (1,800 sf required)
Lot Coverage	20,991 sf = 31% (85% Max.)

Proposed New Dwelling Unit Mix:

One Bedroom (Hybrid)	9
One Bedroom	25
One Bedroom + Den	4
<u>Two Bedroom</u>	<u>7</u>
Total New Dwelling Units	45

Vehicle Parking:

Surface Stalls	11 stalls
<u>Underground</u>	<u>43 stalls</u>
Total	54 stalls

Bicycle Parking for New Development:

Surface Guest	6 stalls
Underground Garage	11 stalls (wall mount)
<u>Underground Garage</u>	<u>34 stalls (Std. 2'x6')</u>
Total	51 stalls

Project Schedule:

It is anticipated that the construction on this site will begin in Summer 2022 with a final completion date of Summer of 2023.

Thank you for your time reviewing our proposal.

Sincerely,



Kevin Burow, AIA, NCARB, LEED AP
Managing Member

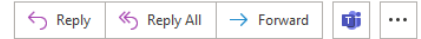
30 Day Notice of Land Use Application for 2902 Dryden Drive



Melissa Berg

To Distric12@cityofmadison.com; Mlmart29@yahoo.com; info@madisonnba.com

Cc [Kevin Burow](mailto:Kevin.Burow@knothebruce.com); [Arianna Wolske](mailto:Arianna.Wolske@knothebruce.com); coachbruns@gmail.com; planning@cityofmadison.com



Thu 12/9/2021 2:23 PM

Hello Alder Abbas, Sherman Neighborhood Association, and Northside Business Association,

On behalf of Prism Development LLC, the Bruns Family, and Knothe Bruce Architects, I would like to take this opportunity to formally notify you of our intent to submit a Land Use Application on January 10, 2022, for a multi-family development of the property located at 2902 Dryden Dr. The proposed development will include construction of a new a four-story building with 45 dwelling units and structured underground parking. We will also be requesting approval for the demolition of the existing single-story former bank building that is currently on the site. The development is the second phase of the Prism Apartments, and the first phase was completed in 2020 and is located at 2830 Dryden Dr.

We look forward to working with you in continuing to make this a successful development.

Please do not hesitate to reach out to Kevin Burow with any questions. His email address is kburow@knothebruce.com

Thank you,

Melissa Berg | Administrative Assistant | Knothe & Bruce Architects, LLC | Ph: 608.836.3690 Ext. 118

[7601 University Avenue; Suite 201, Middleton, WI 53562](https://www.knothebruce.com) | mberg@knothebruce.com | www.knothebruce.com



City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703-2506
 Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address: 2902 Dryden Drive

Contact Name & Phone #: Kevin Burow, 608-836-3690

FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system? If non-sprinklered , fire lanes extend to within 150-feet of all portions of the exterior wall? If sprinklered , fire lanes are within 250-feet of all portions of the exterior wall?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input type="checkbox"/> N/A
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs? a) Is the fire lane a minimum unobstructed width of at least 20-feet? b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet? c) Is the minimum inside turning radius of the fire lane at least 28-feet? d) Is the grade of the fire lane not more than a slope of 8%? e) Is the fire lane posted as fire lane? (Provide detail of signage.) f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.) g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A
3. Is the fire lane obstructed by security gates or barricades? If yes: a) Is the gate a minimum of 20-feet clear opening? b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet? If yes, does the area for turning around fire apparatus comply with IFC D103?	<input type="checkbox"/> Yes <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> 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.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
6. Is any part of the building <u>greater than 30-feet</u> above the grade plane? 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? b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building? c) Are there any overhead power or utility lines located across the aerial apparatus fire lane? d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species) e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet? f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants? <i>Note: Distances shall be measured along the path of the hose lay as it comes off the fire apparatus.</i> a) Is the fire lane at least 26' wide for at least 20-feet on each side of the hydrants? b) Is there at least 40' between a hydrant and the building? 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? d) Are hydrants located in parking lot islands a minimum of 3½-feet from the hydrant to the curb? 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? <i>Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.</i>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input checked="" type="checkbox"/> N/A <input type="checkbox"/> N/A

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

This worksheet is based on **MGO 34.503** and **IFC 2015 Edition Chapter 5 and Appendix D**; please see the codes for further information.



Existing Building to be Removed – Exterior & Interior Photos

Name: Prism II

Number: #2103

Address: 2902 Dryden Dr.



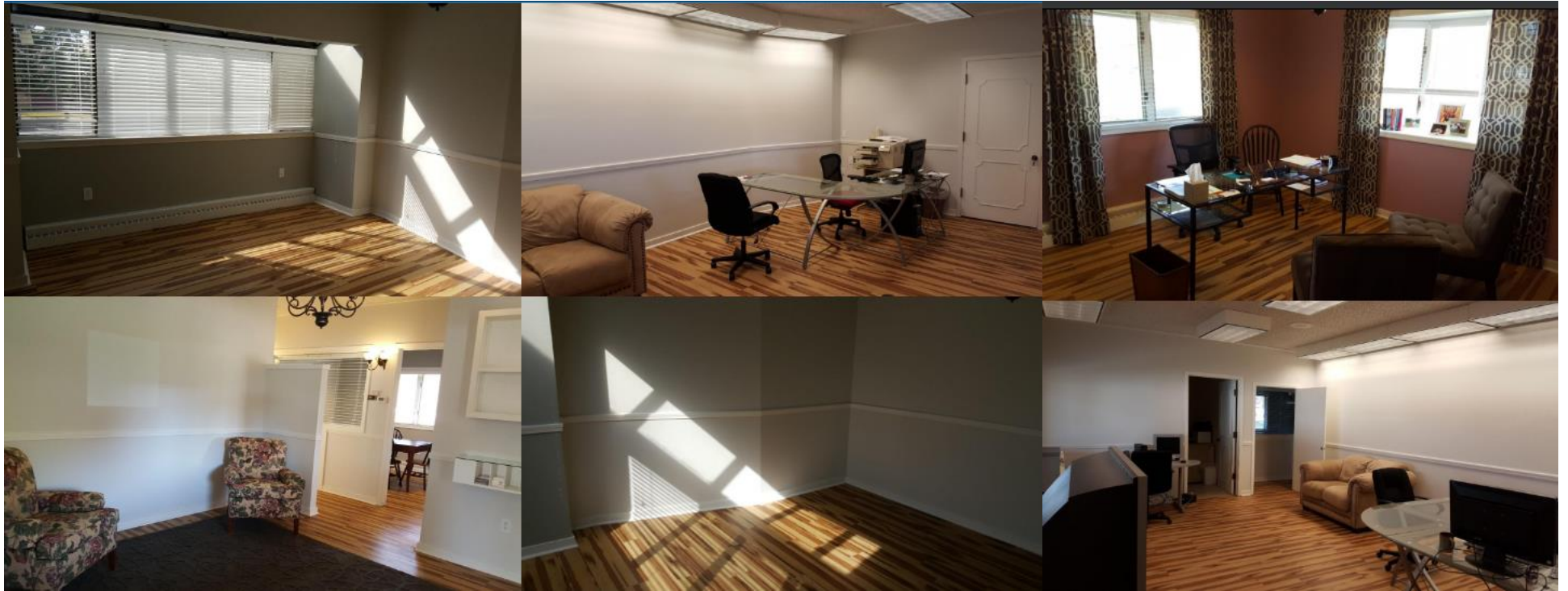


Existing Building to be Removed – Exterior & Interior Photos

Name: Prism II

Number: #2103

Address: 2902 Dryden Dr.





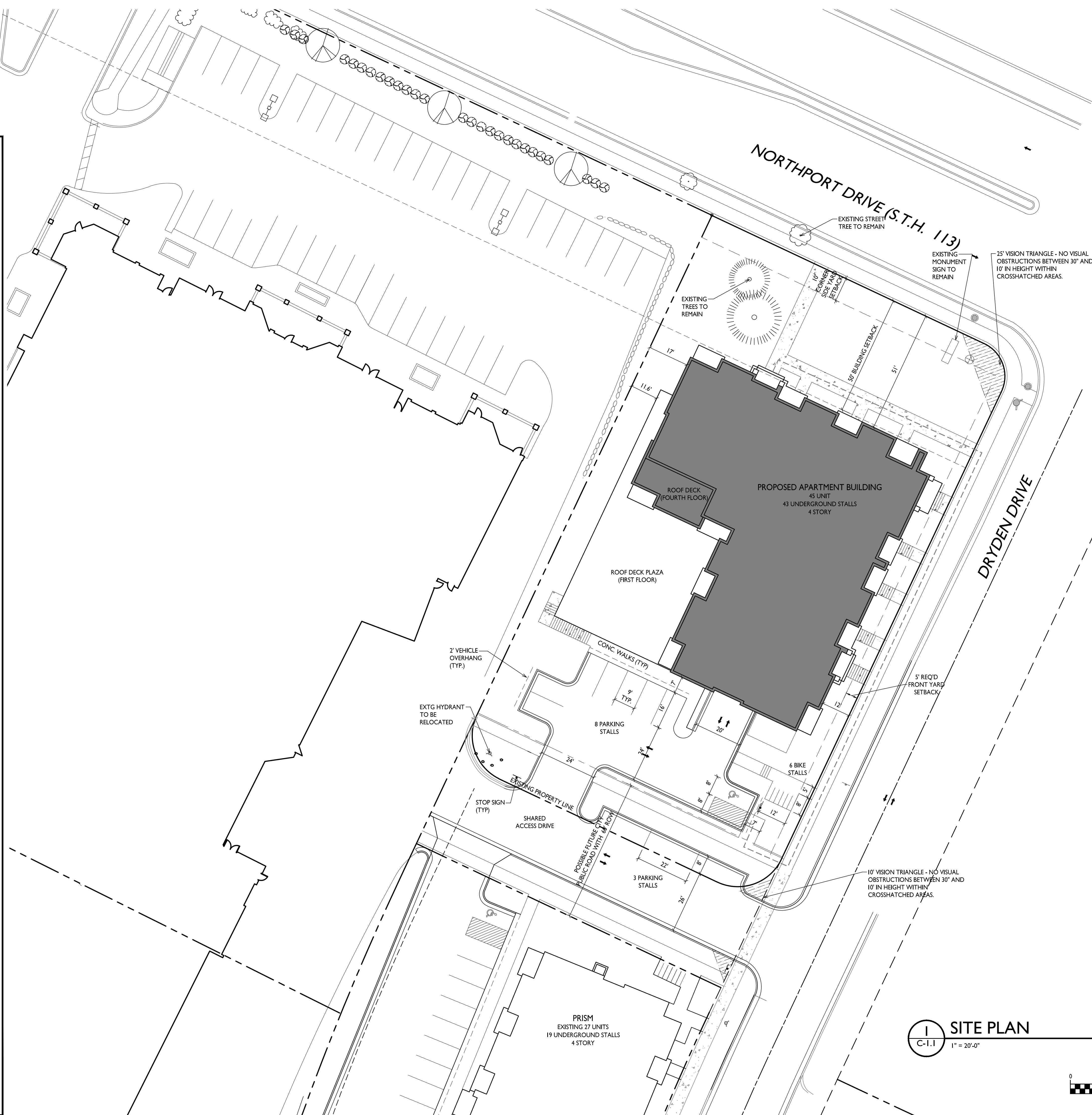
Prism I
Contextual Site Images



2902 Dryden Dr.
Contextual Site Images

GENERAL NOTES:

- THE APPLICANT SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER THAT ABUTS THE PROPERTY THAT IS DAMAGED BY THE CONSTRUCTION, OR ANY SIDEWALK AND CURB AND GUTTER WHICH THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE. REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.
- ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED BY A CITY-LICENSED CONTRACTOR.
- ALL DAMAGE TO THE PAVEMENT ON CITY STREETS, AND ADJACENT TO THIS DEVELOPMENT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA.
- ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.
- AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE: CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM
- CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE. CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREE(S). THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
- SECTION 107.13(G) OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ADDRESSES SOIL COMPACTION NEAR STREET TREES AND SHALL BE FOLLOWED BY CONTRACTOR. THE STORAGE OF PARKED VEHICLES, CONSTRUCTION EQUIPMENT, BUILDING MATERIALS, REFUSE, EXCAVATED SPOILS OR DUMPING OF POISONOUS MATERIALS ON OR AROUND TREES AND ROOTS WITHIN FIVE (5) FEET OF THE TREE OR WITHIN THE PROTECTION ZONE IS PROHIBITED.
- ON THIS PROJECT, STREET TREE PROTECTION ZONE FENCING IS REQUIRED. THE FENCING SHALL BE ERECTED BEFORE THE DEMOLITION, GRADING OR CONSTRUCTION BEGINS. THE FENCE SHALL INCLUDE THE ENTIRE WIDTH OF TERRACE AND, EXTEND AT LEAST 5 FEET ON BOTH SIDES OF THE OUTSIDE EDGE OF THE TREE TRUNK. DO NOT REMOVE THE FENCING TO ALLOW FOR DELIVERIES OR EQUIPMENT ACCESS THROUGH THE TREE PROTECTION ZONE.
- STREET TREE PRUNING SHALL BE COORDINATED WITH MADISON FORESTRY AT A MINIMUM OF TWO WEEKS PRIOR TO THE START OF CONSTRUCTION FOR THIS PROJECT. ALL PRUNING SHALL FOLLOW THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300 - PART 1 STANDARDS FOR PRUNING.
- AT LEAST ONE WEEK PRIOR TO STREET TREE PLANTING, CONTRACTOR SHALL CONTACT CITY FORESTRY AT (608) 266-4816 TO SCHEDULE INSPECTION AND APPROVAL OF NURSERY TREE STOCK AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPER.
- APPROVAL OF PLANS FOR THIS PROJECT DOES NOT INCLUDE ANY APPROVAL TO PRUNE, REMOVE, OR PLANT TREES IN THE PUBLIC RIGHT-OF-WAY. PERMISSION FOR SUCH ACTIVITIES MUST BE OBTAINED FROM THE CITY FORESTER (266-4816).
- THE PUBLIC RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME. NO ITEMS SHOWN ON THIS SITE PLAN IN THE RIGHT-OF-WAY ARE PERMANENT AND MAY NEED TO BE REMOVED AT THE APPLICANT'S EXPENSE UPON NOTIFICATION BY THE CITY.



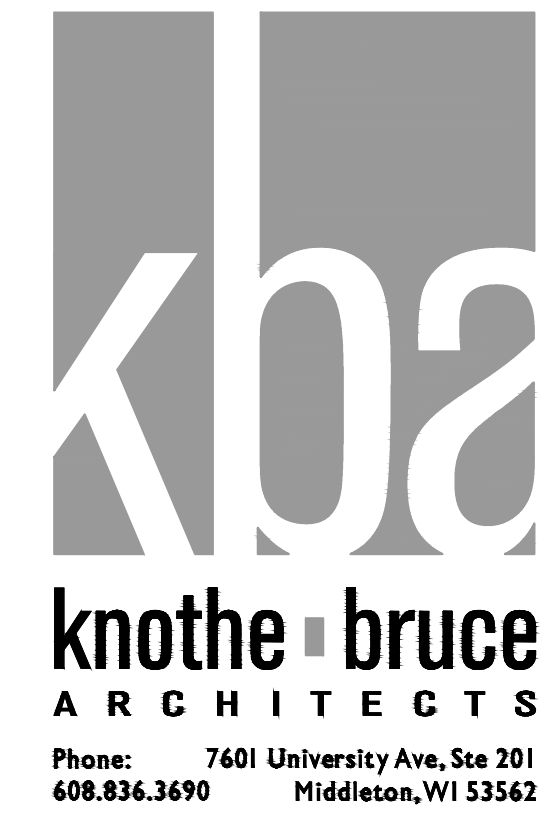
SHEET INDEX	
SITE	
C-1.0	OVERALL PLAN
C-1.1	SITE PLAN
C-1.2	SITE LIGHTING PLAN
C-1.3	FIRE DEPARTMENT ACCESS PLAN
C-1.4	USABLE OPEN SPACE
C-1.5	LOT COVERAGE
EXISTING CONDITIONS	
C-1.0	EXISTING CONDITIONS
C-2.0	DEMOLITION PLAN
C-3.0	GRADING & EROSION CONTROL PLAN
C-4.0	UTILITY PLAN
LANDSCAPE PLAN	
L-1.0	LANDSCAPE PLAN
ARCHITECTURAL	
A-1.0	BASEMENT PLAN
A-1.1	FIRST FLOOR PLAN
A-1.2	SECOND FLOOR PLAN
A-1.3	THIRD FLOOR PLAN
A-1.4	FOURTH FLOOR PLAN
ELEVATIONS	
A-2.1	ELEVATIONS
A-2.2	ELEVATIONS - RENDERED
A-2.3	ELEVATIONS - RENDERED
A-2.4	ELEVATIONS - RENDERED

SITE DEVELOPMENT DATA:	
ZONING DISTRICT = CC-T	
DENSITIES:	
LOT AREA	34,920 SF / 0.8 ACRES
DWELLING UNITS	45 DU
LOT AREA / D.U.	776 SF / UNIT
DENSITY	56 UNITS/ACRE
USABLE OPEN SPACE	
USABLE OPEN SPACE	15,557 S.F.
LOT COVERAGE	20,991 S.F. = 61%
BUILDING HEIGHT	
BUILDING HEIGHT	4 STORIES
DWELLING UNIT MIX:	
ONE BEDROOM (HYBRID)	9
ONE BEDROOM	25
ONE BEDROOM + DEN	4
TWO BEDROOM	7
TOTAL DWELLING UNITS	45
VEHICLE PARKING:	
UNDERGROUND/ COVERED	43 STALLS
SURFACE	11 STALLS
TOTAL	54 STALLS
BICYCLE PARKING:	
UNDERGROUND GARAGE - WALL	11 STALLS (COVERED)
UNDERGROUND/STD. 2'X6'	34 STALLS (COVERED)
SURFACE GUEST	6 STALLS (MIN.10% OF D.U.)
TOTAL	51 STALLS

BIKE RACKS:

EXTERIOR & INTERIOR:
"INVERTED U" TYPE. MADRAX UX OR SARIS BIKE DOCK. PROVIDE ONE RACK BETWEEN EVERY TWO STALLS.

INTERIOR:
MADRAX VERTICAL WALL MOUNT



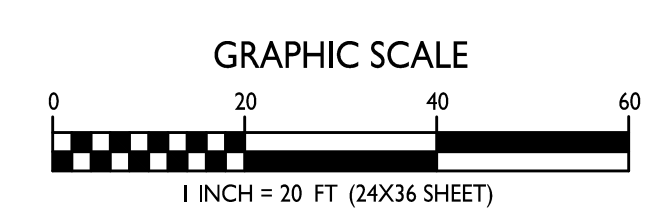
ISSUED
Issued for UDC Informational - March 3, 2021
Land Use & UDC Submittal - January 10, 2022

PROJECT TITLE
PRISM II APARTMENTS

2902 Dryden Drive
Madison, Wisconsin
SHEET TITLE
Site Plan

SHEET NUMBER
C-1.1
PROJECT NO. **2103**
© Knothe & Bruce Architects, LLC

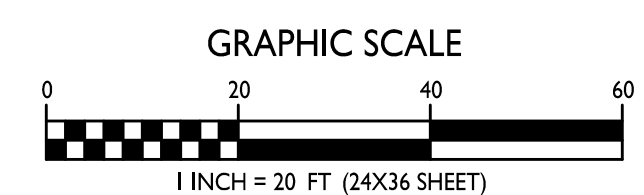
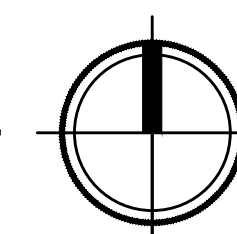
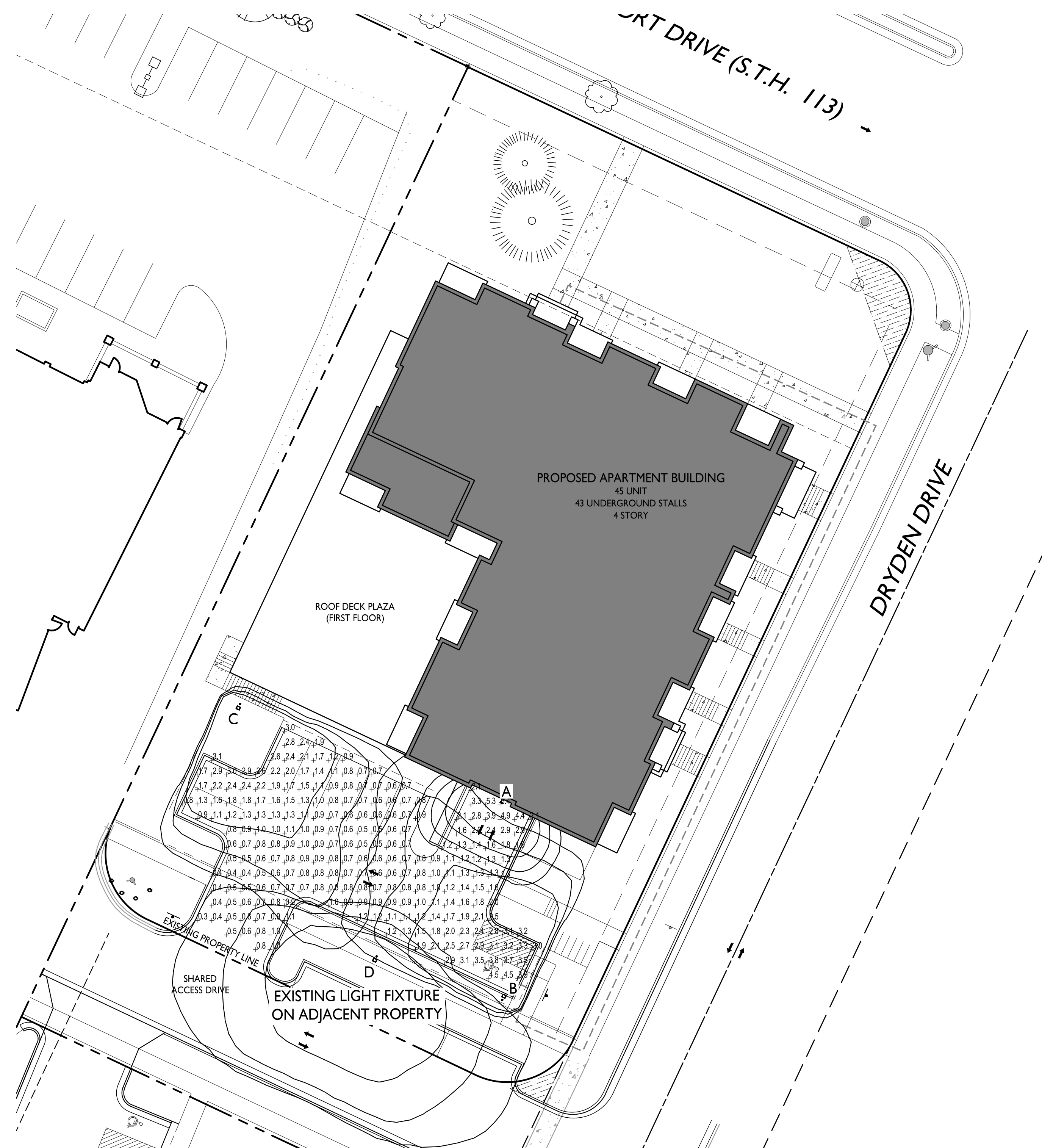
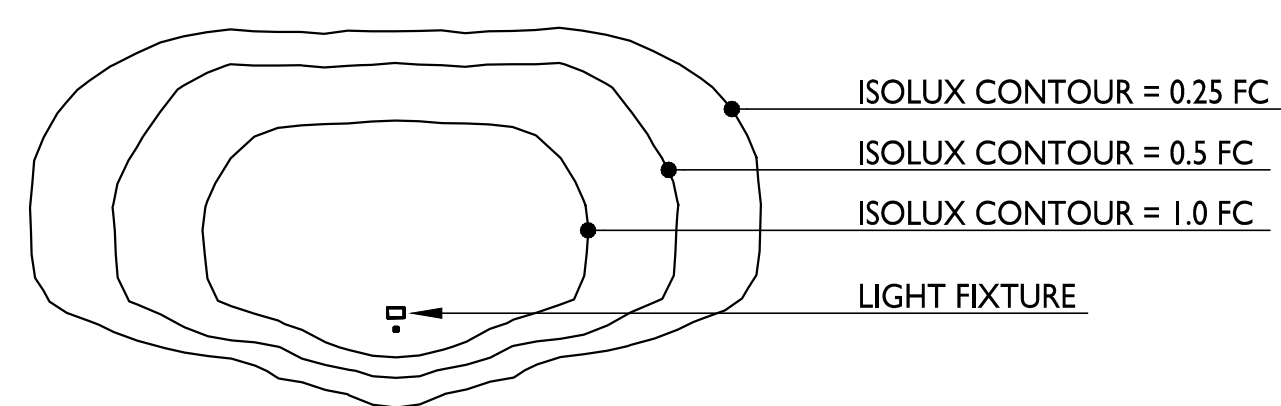
SITE PLAN
C-1.1 1" = 20'-0"



LIGHT LEVEL STATISTICS						
DESCRIPTION	SYMBOL	AVG.	MAX.	MIN.	MAX. / MIN.	AVG. / MIN.
Parking Lot and Drive Aisle Lighting	+	1.3 fc	4.5 fc	0.3 fc	15.0:1	4.3:1
Parking Garage Entry Security Lighting	+	2.5 fc	6.4 fc	1.2 fc	5.3:1	2.1:1

LUMINAIRE SCHEDULE							
SYMBOL	LABEL	QTY.	MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING
	A	I	LITHONIA LIGHTING	WPXI LED PI 30K MVOLT	WPXI LED WALLPACK, 1500LM, 3000K COLOR TEMP., 120-277 VOLTS	WPXI_LED_PI_30K_MVOLT.iex	8'-0" ABOVE GRADE ON BUILDING
	B	I	LITHONIA LIGHTING	DSXI LED PI 30K RCCO MVOLT	DSXI LED PI 30K RCCO MVOLT	DSXI_LED_PI_30K_RCCO_MVOLT.iex	16'-0" POLE ON 2'-0" TALL CONC. BASE
	C	I	LITHONIA LIGHTING	DSXI LED PI 30K RCCO MVOLT	DSXI LED PI 30K RCCO MVOLT	DSXI_LED_PI_30K_RCCO_MVOLT.iex	18'-0" POLE ON FLUSH CONC. BASE
	D		EXISTING LIGHT FIXTURE ON ADJACENT PROPERTY				

EXAMPLE LIGHT FIXTURE DISTRIBUTION





knothe • bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
608.836.3690 Middleton, WI 53562

ISSUED
Issued for UDC Informational - March 3, 2021
Land Use & UDC Submittal - January 10, 2022

PROJECT TITLE
**PRISM II
APARTMENTS**

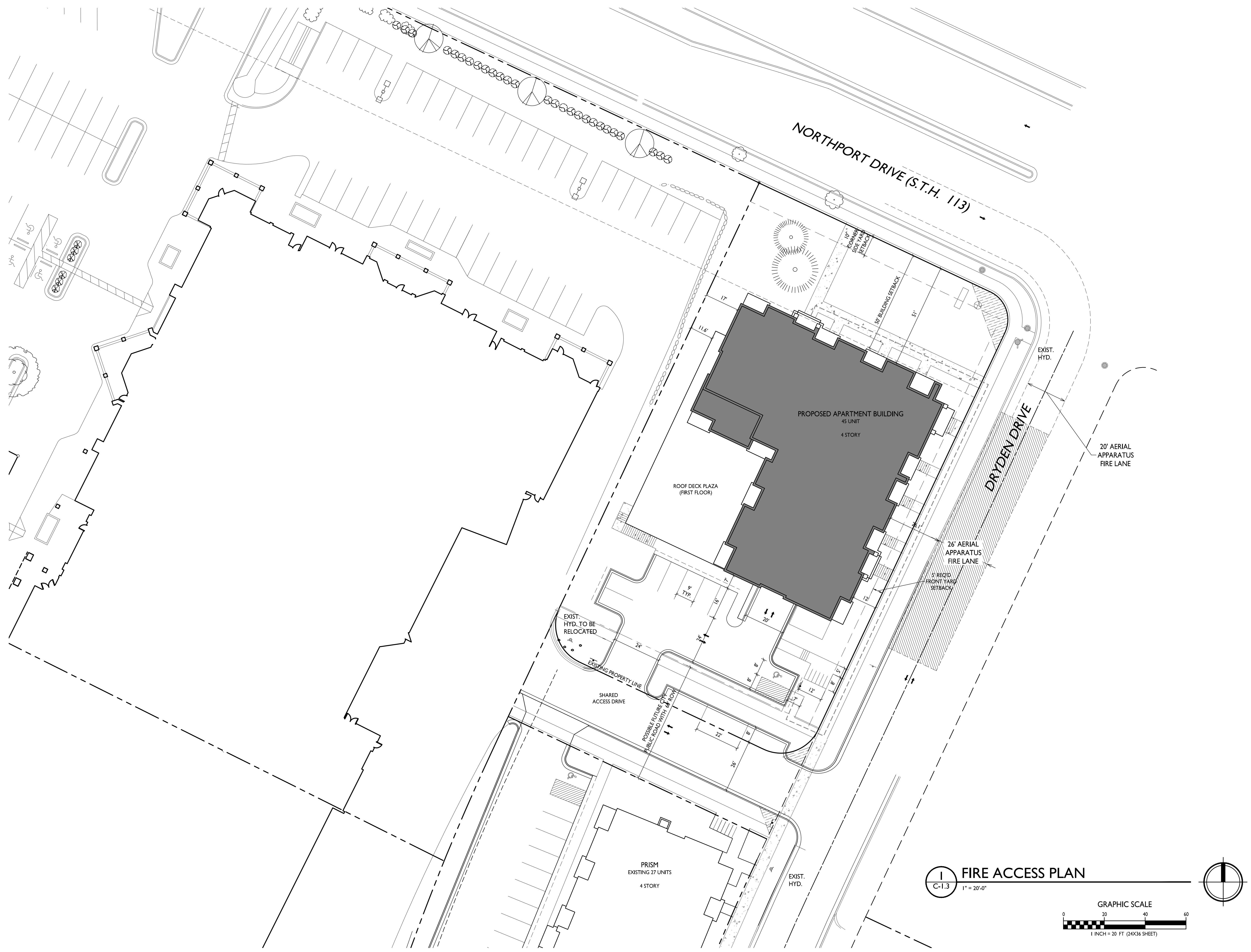
2902 Dryden Drive
Madison, Wisconsin
SHEET TITLE
**Fire Department
Access Plan**

SHEET NUMBER

C-1.3

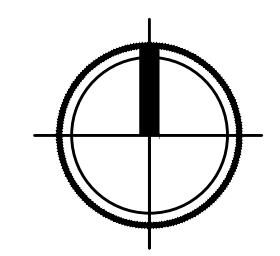
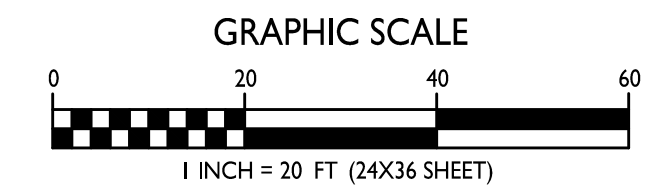
PROJECT NO. **2103**

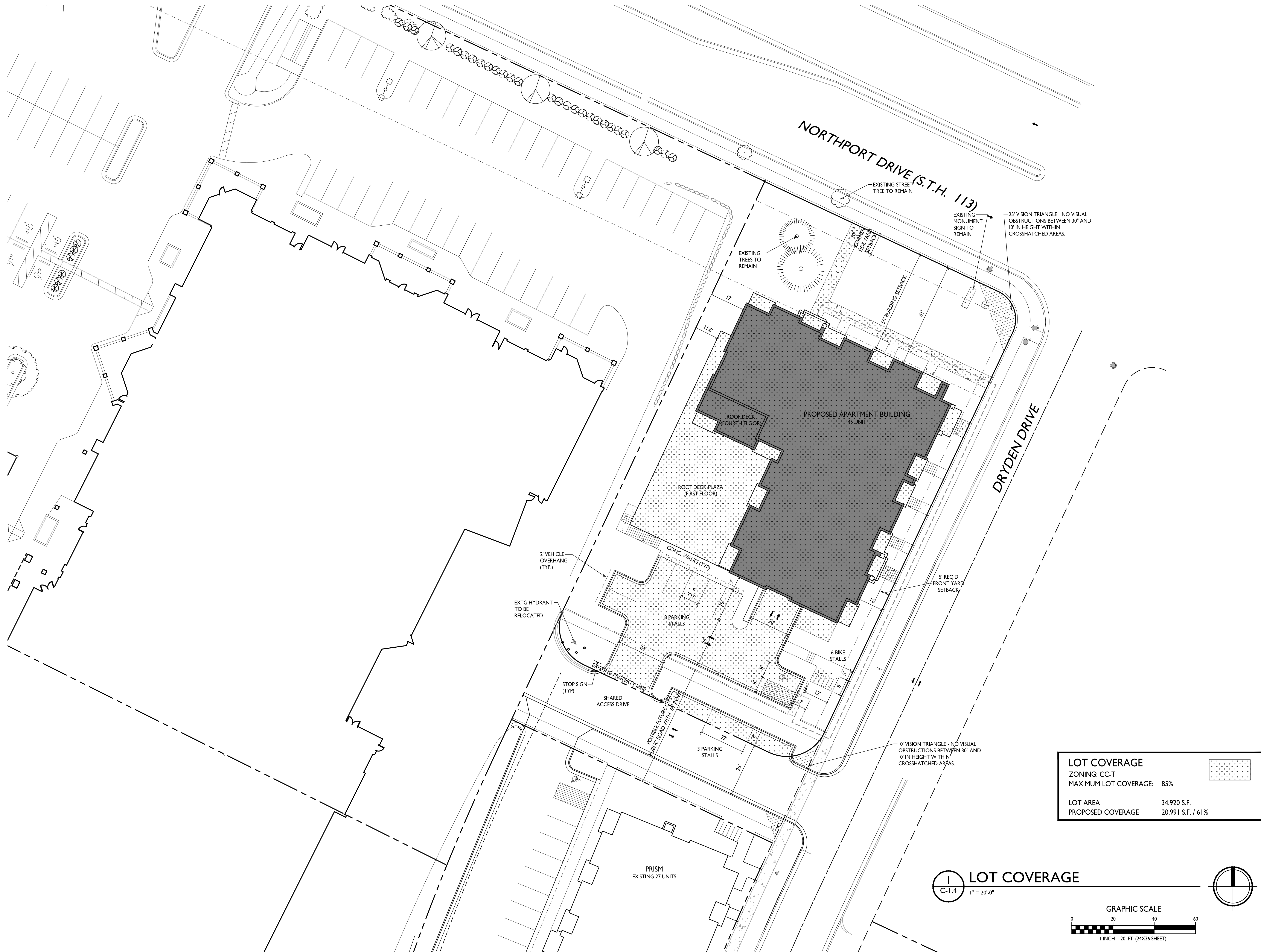
© Knothe & Bruce Architects, LLC



I FIRE ACCESS PLAN
C-1.3

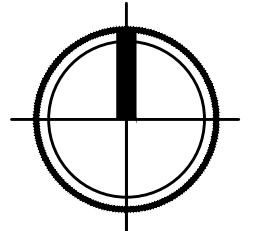
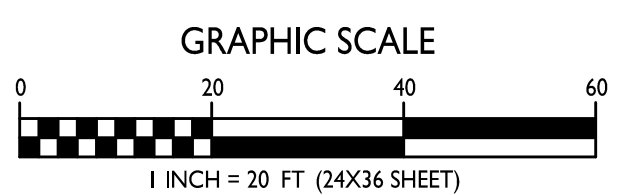
1" = 20'-0"





LOT COVERAGE	
ZONING:	CC-T
MAXIMUM LOT COVERAGE:	85%
LOT AREA	34,920 S.F.
PROPOSED COVERAGE	20,991 S.F. / 61%

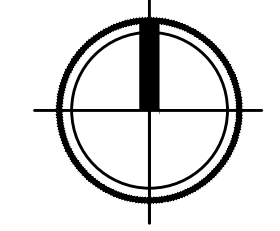
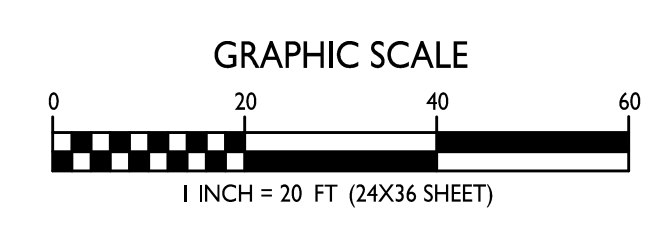
LOT COVERAGE
C-1.4

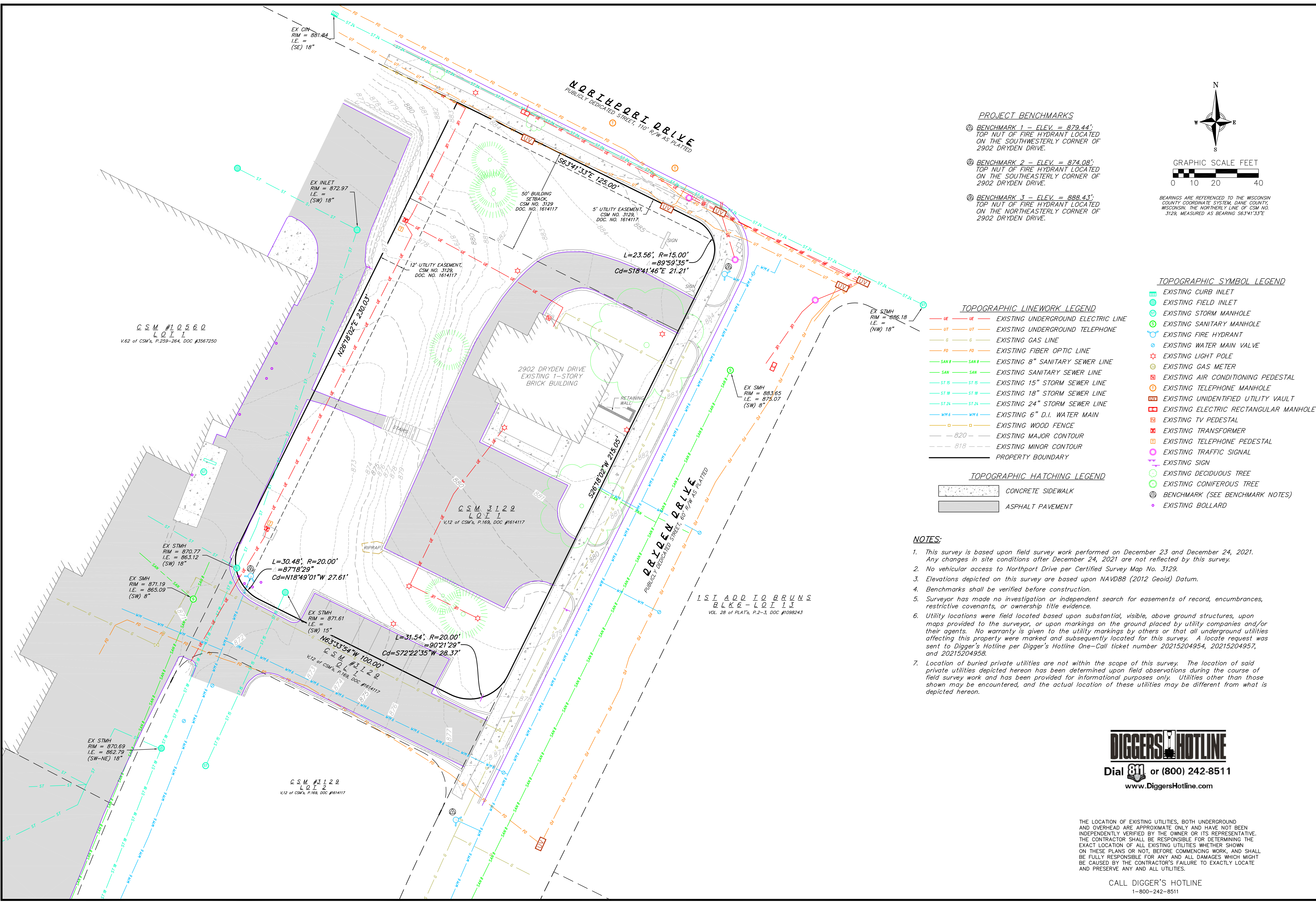




USABLE OPEN SPACE	
ZONING:	CC-T
REQUIRED OPEN SPACE	40 S.F./ D.U.
DWELLING UNITS	45
	1,800 S.F. REQUIRED
OPEN SPACE PROVIDED	
BALCONIES (45 DU x 60 S.F.)	2,700 S.F.
COMMUNITY ROOF DECKS	3,215 S.F.
SURFACE	9,642 S.F.
TOTAL	15,557 S.F. PROVIDED
	346 S.F. / D.U.

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



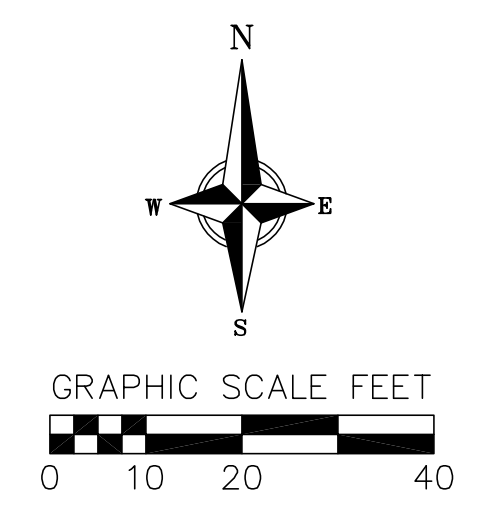


PROJECT BENCHMARKS

ⓐ BENCHMARK 1 - ELEV. = 879.44'; TOP NUT OF FIRE HYDRANT LOCATED ON THE SOUTHWESTERLY CORNER OF 2902 DRYDEN DRIVE.

ⓑ BENCHMARK 2 - ELEV. = 874.08'; TOP NUT OF FIRE HYDRANT LOCATED ON THE SOUTHEASTERLY CORNER OF 2902 DRYDEN DRIVE.

ⓒ BENCHMARK 3 - ELEV. = 888.43'; TOP NUT OF FIRE HYDRANT LOCATED ON THE NORTHEASTERLY CORNER OF 2902 DRYDEN DRIVE.



BEARINGS ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY, WISCONSIN, THE NORTHERLY LINE OF CSM NO. 3129, MEASURED AS BEARING S63°41'33"E

- TOPOGRAPHIC LINEWORK LEGEND**
- UE UE EXISTING UNDERGROUND ELECTRIC LINE
 - UT UT EXISTING UNDERGROUND TELEPHONE
 - G G EXISTING GAS LINE
 - FO FO EXISTING FIBER OPTIC LINE
 - SAN 8 EXISTING 8" SANITARY SEWER LINE
 - SAN EXISTING SANITARY SEWER LINE
 - ST 15 EXISTING 15" STORM SEWER LINE
 - ST 18 EXISTING 18" STORM SEWER LINE
 - ST 24 EXISTING 24" STORM SEWER LINE
 - WH 6 EXISTING 6" D.I. WATER MAIN
 - WH EXISTING WOOD FENCE
 - 820 EXISTING MAJOR CONTOUR
 - 818 EXISTING MINOR CONTOUR
 - PROPERTY BOUNDARY

- TOPOGRAPHIC HATCHING LEGEND**
- CONCRETE SIDEWALK
 - ASPHALT PAVEMENT

- TOPOGRAPHIC SYMBOL LEGEND**
- EXISTING CURB INLET
 - EXISTING FIELD INLET
 - EXISTING STORM MANHOLE
 - EXISTING SANITARY MANHOLE
 - EXISTING FIRE HYDRANT
 - EXISTING WATER MAIN VALVE
 - EXISTING LIGHT POLE
 - EXISTING GAS METER
 - EXISTING AIR CONDITIONING PEDESTAL
 - EXISTING TELEPHONE MANHOLE
 - EXISTING UNIDENTIFIED UTILITY VAULT
 - EXISTING ELECTRIC RECTANGULAR MANHOLE
 - EXISTING TV PEDESTAL
 - EXISTING TRANSFORMER
 - EXISTING TELEPHONE PEDESTAL
 - EXISTING TRAFFIC SIGNAL
 - EXISTING SIGN
 - EXISTING DECIDUOUS TREE
 - EXISTING CONIFEROUS TREE
 - BENCHMARK (SEE BENCHMARK NOTES)
 - EXISTING BOLLARD

- NOTES:**
- This survey is based upon field survey work performed on December 23 and December 24, 2021. Any changes in site conditions after December 24, 2021 are not reflected by this survey.
 - No vehicular access to Northport Drive per Certified Survey Map No. 3129.
 - Elevations depicted on this survey are based upon NAVD88 (2012 Geoid) Datum.
 - Benchmarks shall be verified before construction.
 - Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, or ownership title evidence.
 - Utility locations were field located based upon substantial, visible, above ground structures, upon maps provided to the surveyor, or upon markings on the ground placed by utility companies and/or their agents. No warranty is given to the utility markings by others or that all underground utilities affecting this property were marked and subsequently located for this survey. A locate request was sent to Digger's Hotline per Digger's Hotline One-Call ticket number 20215204954, 20215204957, and 20215204958.
 - Location of buried private utilities are not within the scope of this survey. The location of said private utilities depicted hereon has been determined upon field observations during the course of field survey work and has been provided for informational purposes only. Utilities other than those shown may be encountered, and the actual location of these utilities may be different from what is depicted hereon.

DIGGERS HOTLINE
 Dial 811 or (800) 242-8511
 www.DiggersHotline.com

THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

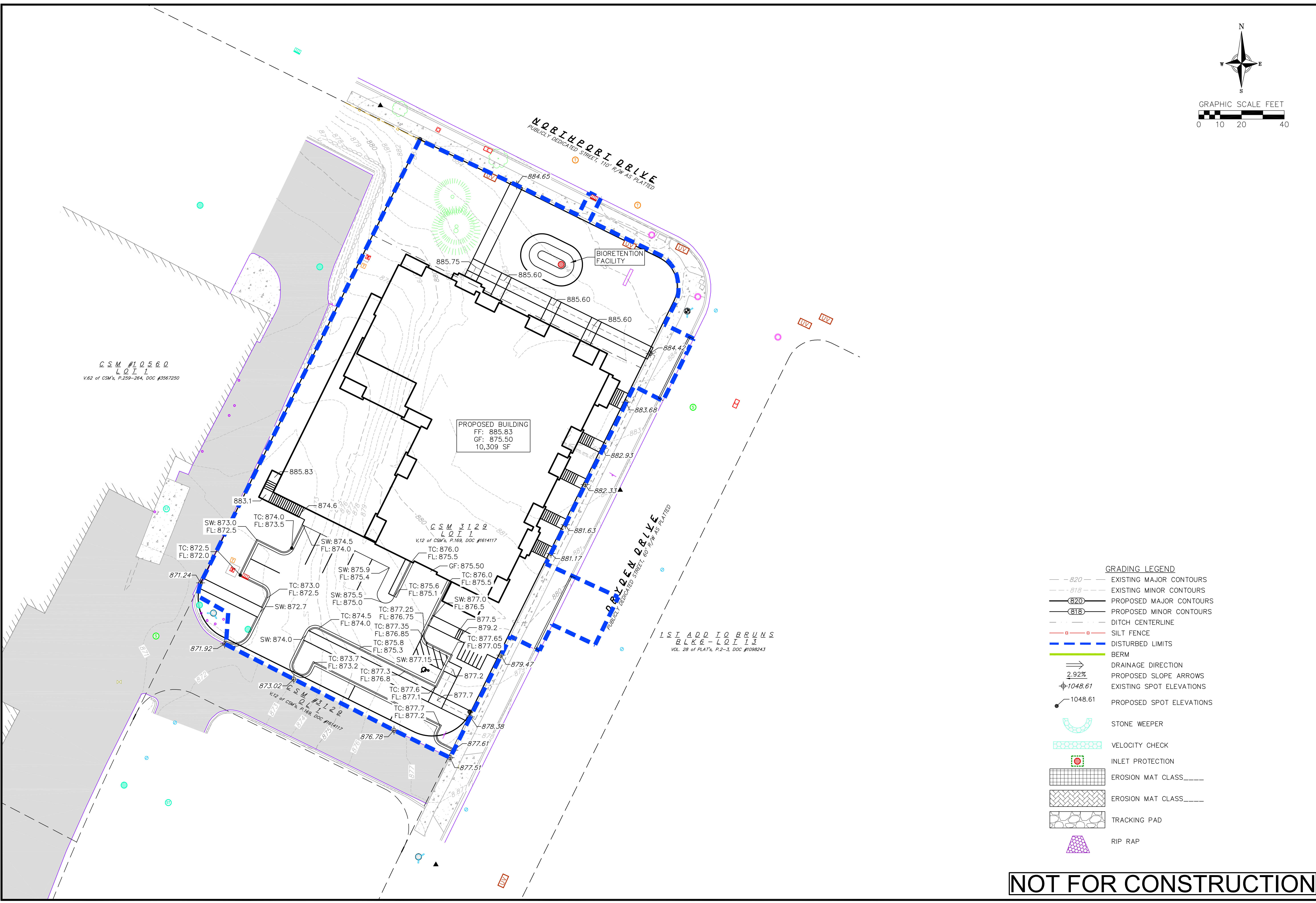
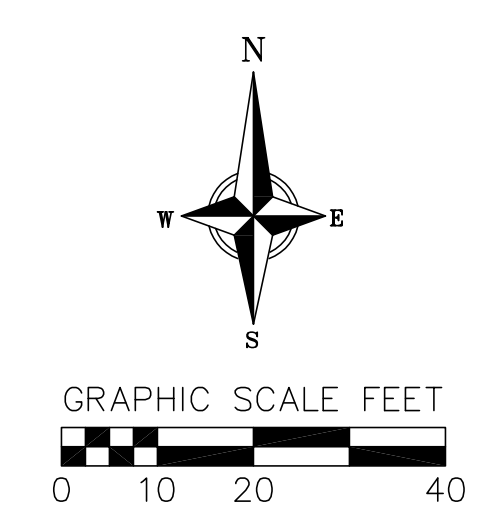
CALL DIGGER'S HOTLINE
 1-800-242-8511

vierbicher
 planners | engineers | advisors
 Phone: (800) 261-3898

EXISTING CONDITIONS
 LOT 1, CSM 3129, VOL. 12, PAGE 169, DOC NO. 1614117
 2902 DRYDEN DRIVE, MADISON, DANE COUNTY, WISCONSIN

REVISIONS	NO.	DATE	REMARKS

DATE: JAN. 4, 2022
 DRAFTER: DGUL
 CHECKED: KUEN
 PROJECT NO.: 210078
 SHEET: 1 OF 1



- GRADING LEGEND**
- EXISTING MAJOR CONTOURS
 - EXISTING MINOR CONTOURS
 - PROPOSED MAJOR CONTOURS
 - PROPOSED MINOR CONTOURS
 - DITCH CENTERLINE
 - SILT FENCE
 - DISTURBED LIMITS
 - BERM
 - DRAINAGE DIRECTION
 - PROPOSED SLOPE ARROWS
 - EXISTING SPOT ELEVATIONS
 - PROPOSED SPOT ELEVATIONS
 - STONE WEEPER
 - VELOCITY CHECK
 - INLET PROTECTION
 - EROSION MAT CLASS ____
 - EROSION MAT CLASS ____
 - TRACKING PAD
 - RIP RAP

REVISIONS		REVISIONS	
NO.	DATE	NO.	DATE

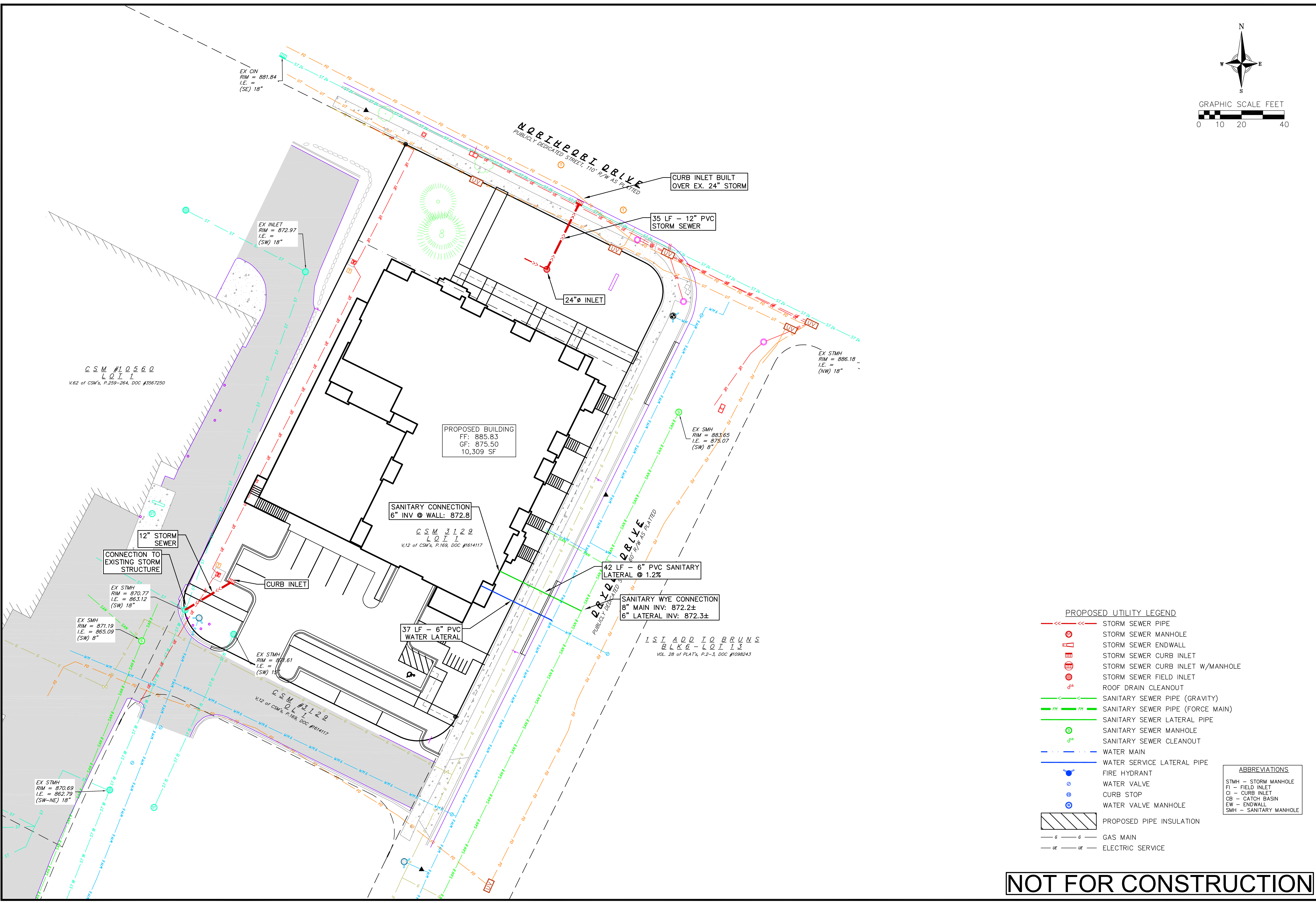
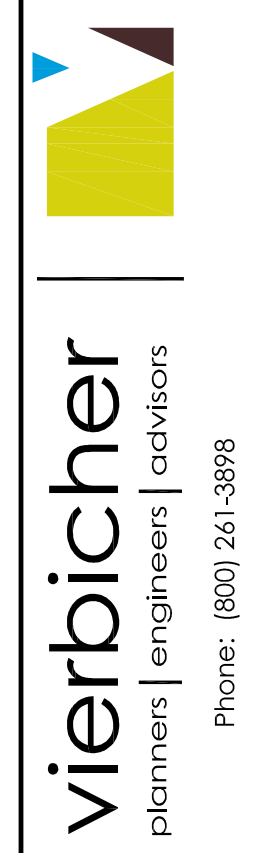
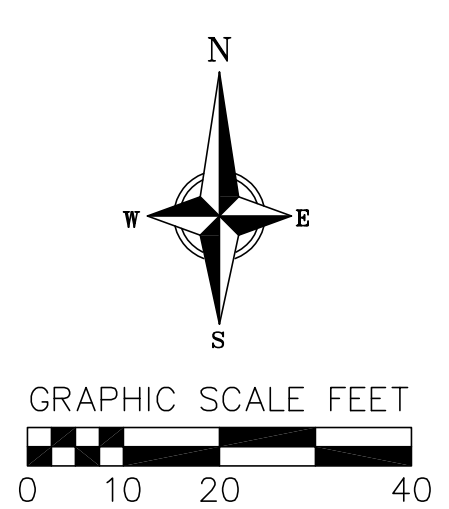
DATE	01/10/2022
DRAFTER	KJEN
CHECKED	JKAS
PROJECT NO.	210078

NOT FOR CONSTRUCTION

C-2.0

© Vierbicher Associates, Inc.

10 Jan 2022 - 9:57a M:\Sherman Plaza Inc\210078 - Prism - Phase II\CADD\210078_Base.dwg by: kjen



- PROPOSED UTILITY LEGEND**
- > STORM SEWER PIPE
 - ⊕ STORM SEWER MANHOLE
 - ⊕ STORM SEWER ENDWALL
 - ⊕ STORM SEWER CURB INLET
 - ⊕ STORM SEWER CURB INLET W/MANHOLE
 - ⊕ STORM SEWER FIELD INLET
 - ⊕ ROOF DRAIN CLEANOUT
 - > SANITARY SEWER PIPE (GRAVITY)
 - > SANITARY SEWER PIPE (FORCE MAIN)
 - > SANITARY SEWER LATERAL PIPE
 - ⊕ SANITARY SEWER MANHOLE
 - ⊕ SANITARY SEWER CLEANOUT
 - > WATER MAIN
 - > WATER SERVICE LATERAL PIPE
 - ⊕ FIRE HYDRANT
 - ⊕ WATER VALVE
 - ⊕ CURB STOP
 - ⊕ WATER VALVE MANHOLE
 - ▨ PROPOSED PIPE INSULATION
 - > GAS MAIN
 - > ELECTRIC SERVICE
- ABBREVIATIONS**
- STMH - STORM MANHOLE
 - FI - FIELD INLET
 - CI - CURB INLET
 - CB - CATCH BASIN
 - EW - ENDWALL
 - SMH - SANITARY MANHOLE

Utility Plan

PRISM II APARTMENTS
2902 Dryden Drive
City of Madison, Wisconsin

REVISIONS	NO.	DATE	REMARKS

DATE
01/10/2022

DRAFTER
KJEN

CHECKED
JKAS

PROJECT NO.
210078

NOT FOR CONSTRUCTION

C-3.0

LANDSCAPE WORKSHEET
2902 Dryden Drive

Landscape Points Required

Developed Area = 6,042 SF
Landscape Points: 6,042/300 x 5 = **101 points**

Total Landscape Points Required 101 points

Landscape Points Supplied

Existing canopy trees - 0 @ 35 = 35 points
Proposed canopy trees - 17 @ 35 = 560 points
Existing evergreen trees - 2 @ 35 = 70 points
Proposed evergreen trees - 0 @ 35 = 0 points
Existing ornamental trees - 0 @ 15 = 0 points
Proposed ornamental trees - 6 @ 15 = 90 points
Existing upright evergreen shrubs - 0 @ 10 = 0 points
Proposed upright evergreen shrubs - 8 @ 10 = 80 points
Existing deciduous shrubs - 0 @ 3 = 0 points
Proposed deciduous shrubs - 71 @ 3 = 213 points
Existing evergreen shrubs - 0 @ 4 = 0 points
Proposed evergreen shrubs - 20 @ 4 = 80 points
Existing perennials & grasses 0 @ 2 = 0 points
Proposed perennials & grasses 50 @ 2 = 100 points

Total landscape points supplied = 1,228 points

Lot Frontage Landscape Required

(Section 28.142(5) Development Frontage Landscaping)

"One (1) over-story deciduous tree and five (5) shrubs shall be planted for each thirty (30) lineal feet of lot frontage. Two (2) ornamental trees or two (2) evergreen trees may be used in place of one (1) over-story deciduous tree."

Northport Drive and Dryden Drive = 370 LF

Overstory trees required 370'/30' = 12.3 **12 trees**
Shrubs required (370'/30') x 5 = 61.6 **62 shrubs**

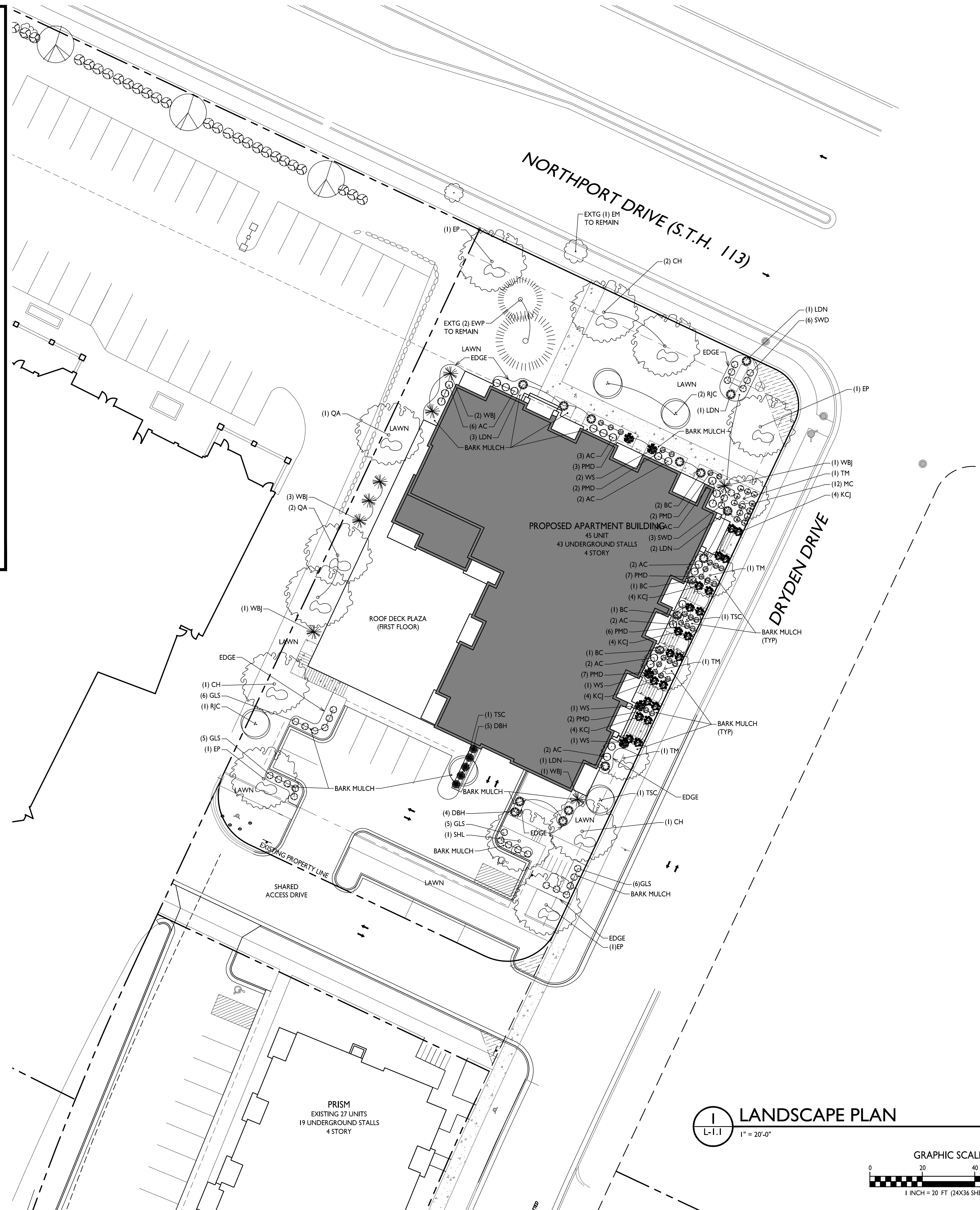
Over story trees supplied **10 trees**
Ornamental/Evergreen trees supplied **6 trees**
Shrubs supplied **68 shrubs**

PLANT LIST

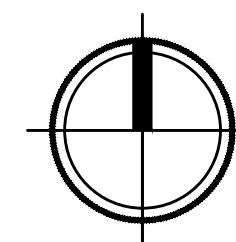
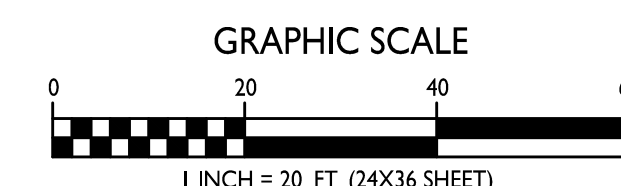
KEY	QUAN	SIZE	COMMON NAME	ROOT
17 Canopy trees				
CH	4	2 1/2"	Hackberry	BB
EM	1	3" +	Existing Maple (Northport Drive Street tree)	EX
EP	4	2 1/2"	Exclamation Planetree	BB
QA	3	2"	Quaking Aspen	BB
SHL	1	2"	Skyline Honeylocust	BB
TM	4	2 1/2"	Tatarian Maple	BB
2 Evergreen trees				
EWP	2	12" +	Existing White Pine	EX
6 Ornamental trees				
RJC	3	1 1/2"	Red Jade Crab	BB
TSC	3	1 1/2"	Tina Sergeant Crab	BB
71 Deciduous shrubs				
AC	22	24"	Alpine Currant	Pot
BC	5	24"	Black Chokeberry	Pot
DBH	9	24"	Dwarf Bush Honeysuckle	Pot
LDN	8	24"	Little Devil Ninebark	Pot
GLS	22	18"	Gro Low Sumac	Pot
WS	5	24"	White Snowberry	Pot
28 Evergreen shrubs				
KCJ	20	18"	Kallay Compact Juniper	Con
WBJ	8	5'	Wichita Blue Juniper	BB
50 Perennials				
MC	12	1 G	Moonbeam Coreopsis	Con
PMD	29	1 G	Pardon Me Day Lily	Con
SWD	9	1 G	Summer Wine Day Lily	Con

NOTES:

- Designated lawn areas to be seeded (Madison Parks seed mix), fertilized, and mulched with straw mat.
- Drainage swales and lawns with slopes steeper than 3/1 shall be mulched with erosion control fabric (installed per manufacturer's specifications).
- Foundation planting beds to be mulched with shredded hardwood bark mulch spread to a depth of 3".
- Individual trees and shrub groupings in lawn areas to receive shredded hardwood bark mulch plant rings (4' diameter) spread to a depth of 3"
- Designated planting beds to be separated from lawn areas with 5" black vinyl edge.
- Owner will be responsible for landscape maintenance after completion.



LANDSCAPE PLAN
L-1.1 1" = 20'-0"



ISSUED
Land Use & UDC Submittal - January 10, 2022

PROJECT TITLE
PRISM II
APARTMENTS



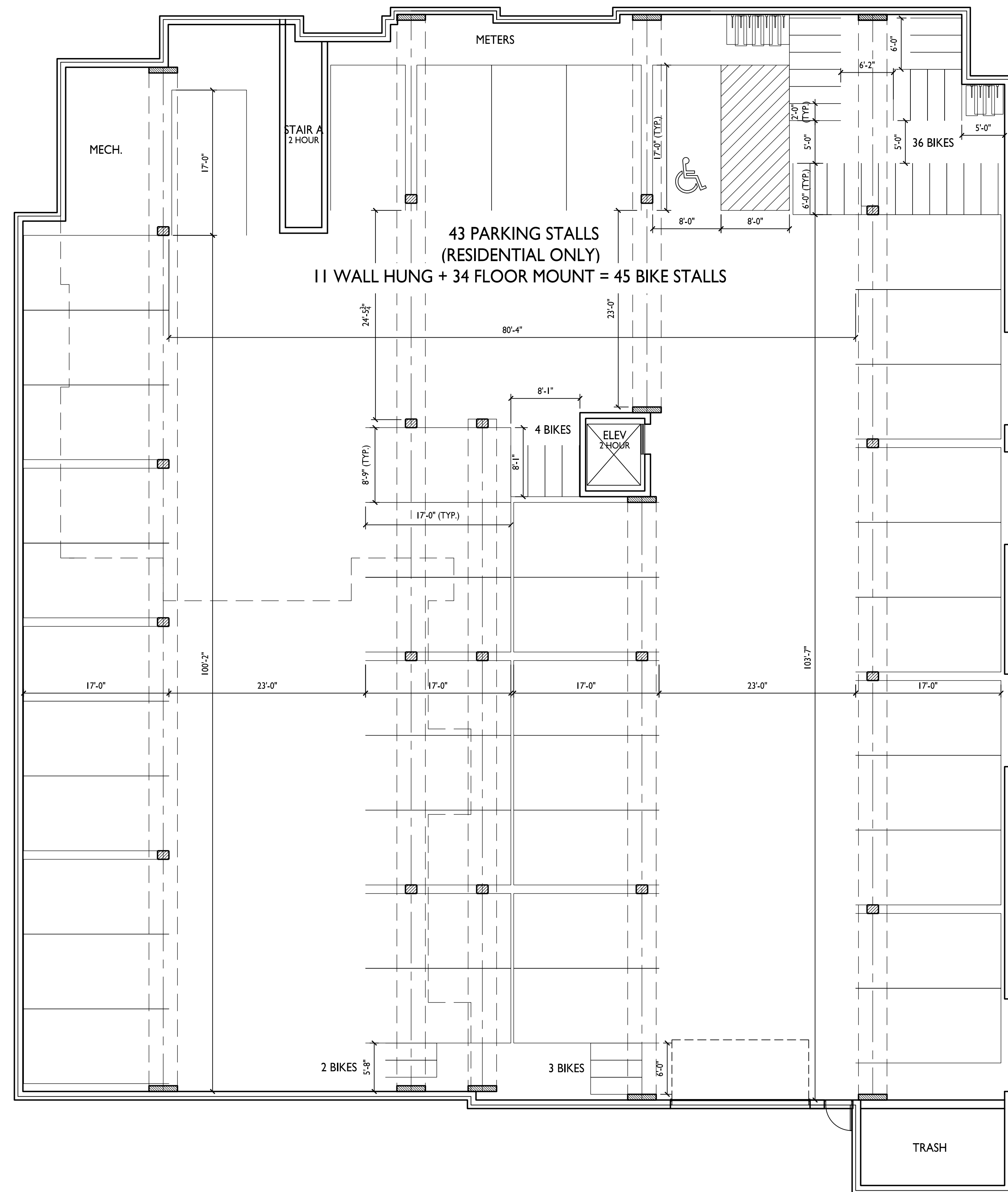
2902 Dryden Drive
Madison, Wisconsin
SHEET TITLE
Landscape Plan

SHEET NUMBER

L-1.1

PROJECT NO. **2103**

© Knothe & Bruce Architects, LLC



ISSUED
Issued for UDC Informational - March 3, 2021
Issued for UDC & LUA - Jan. 10, 2022

PROJECT TITLE
**PRISM II
APARTMENTS**

2902 Dryden Drive
Madison, Wisconsin
SHEET TITLE
**Basement Floor
Plan**

1 BASEMENT FLOOR PLAN
A-1.0 1/8" = 1'-0"

SHEET NUMBER

A-1.0

PROJECT NO. **2103**
© Knothe & Bruce Architects, LLC



knothe • bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
608.836.3690 Middleton, WI 53562

ISSUED
Issued for UDC Informational - March 3, 2021
Issued for UDC & LUA - Jan. 10, 2022

PROJECT TITLE
PRISM II
APARTMENTS

2902 Dryden Drive
Madison, Wisconsin
SHEET TITLE
First Floor Plan

SHEET NUMBER

A-1.1

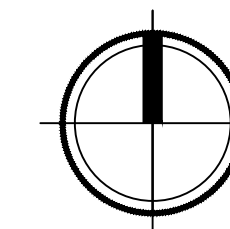
PROJECT NO. **2103**

© Knothe & Bruce Architects, LLC



1 BED (HYBRID)	9
1 BEDROOM	25
1 BED + DEN	4
2 BEDROOM	7
	45

FIRST FLOOR PLAN
A-1.1 1/8" = 1'-0"





knothe • bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
608.836.3690 Middleton, WI 53562

ISSUED
Issued for UDC Informational - March 3, 2021
Issued for UDC & LUA - Jan. 10, 2022

PROJECT TITLE
PRISM II
APARTMENTS

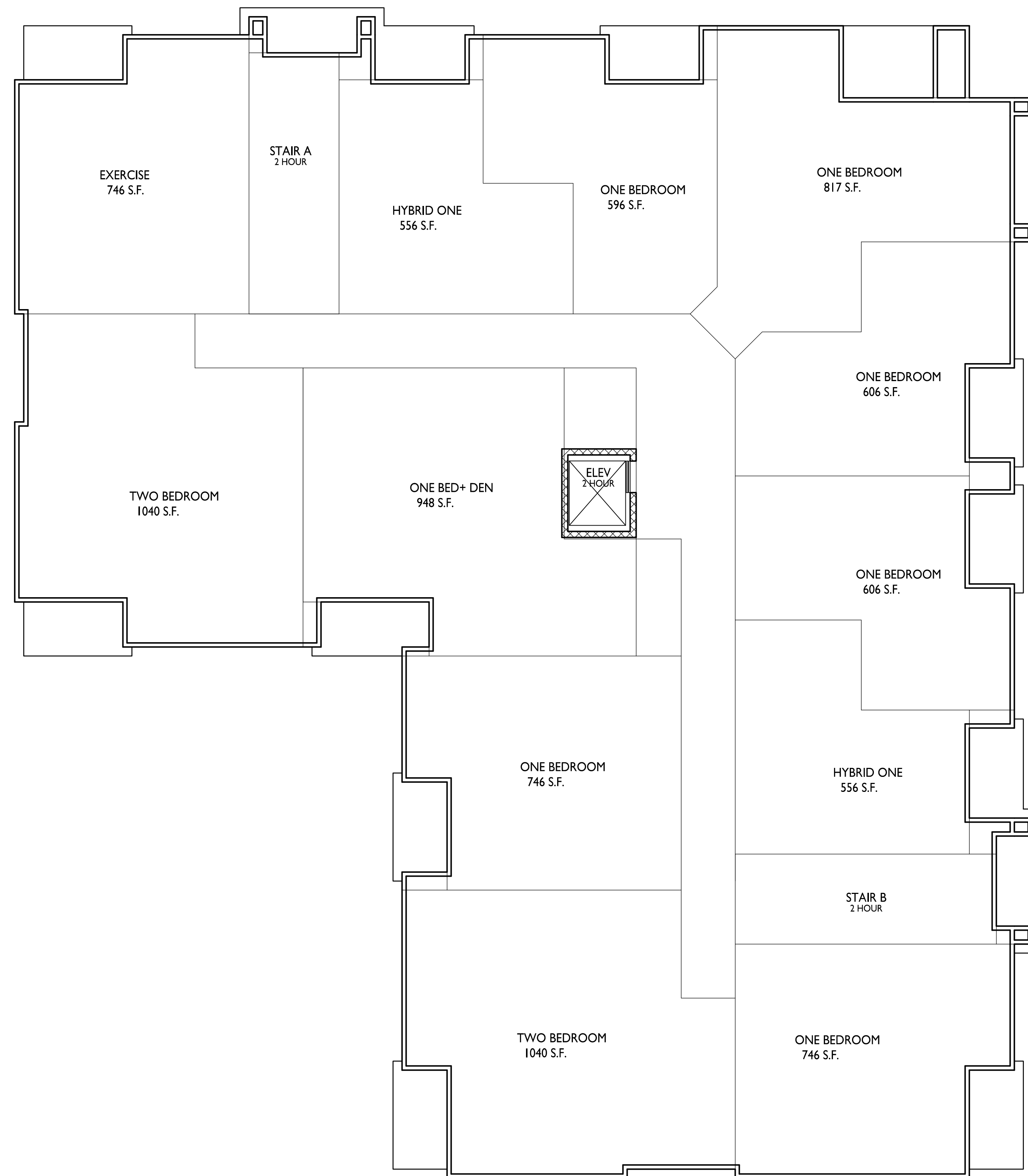
2902 Dryden Drive
Madison, Wisconsin
SHEET TITLE
Second Floor Plan

SHEET NUMBER

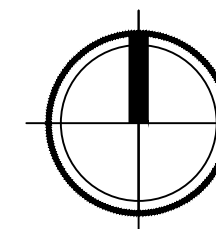
A-1.2

PROJECT NO. **2103**

© Knothe & Bruce Architects, LLC



1 SECOND FLOOR PLAN
A-1.2 1/8" = 1'-0"





knothe • bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
608.836.3690 Middleton, WI 53562

ISSUED
Issued for UDC Informational - March 3, 2021
Issued for UDC & LUA - Jan. 10, 2022

PROJECT TITLE
PRISM II
APARTMENTS

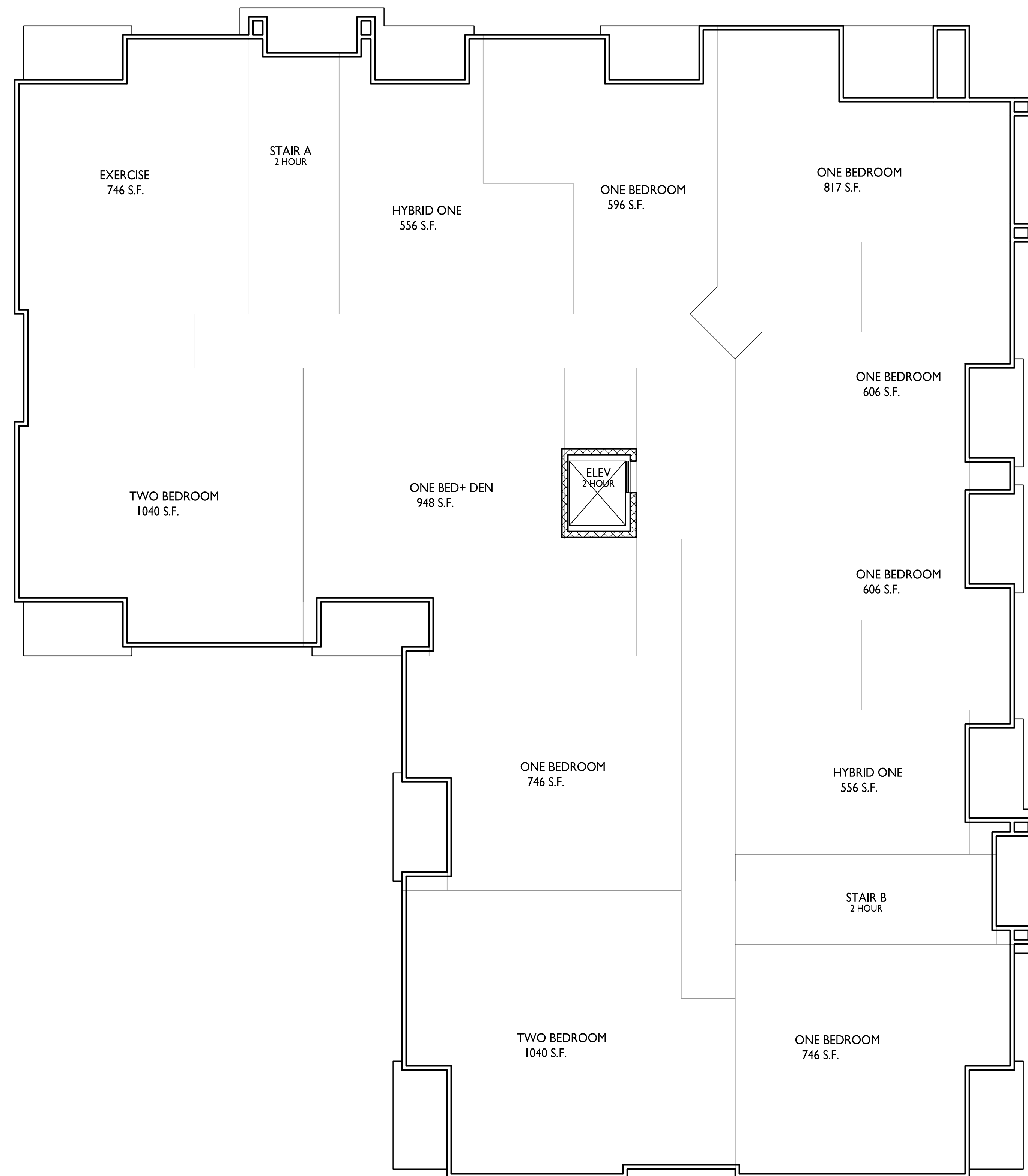
2902 Dryden Drive
Madison, Wisconsin
SHEET TITLE
Third Floor Plan

SHEET NUMBER

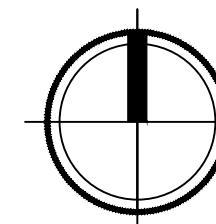
A-1.3

PROJECT NO. **2103**

© Knothe & Bruce Architects, LLC



1 THIRD FLOOR PLAN
A-1.3 1/8" = 1'-0"





knothe • bruce
ARCHITECTS

Phone: 7601 University Ave., Ste 201
608.836.3690 Middleton, WI 53562

ISSUED
Issued for UDC Informational - March 3, 2021
Issued for UDC & LUA - Jan. 10, 2022

PROJECT TITLE
PRISM II
APARTMENTS

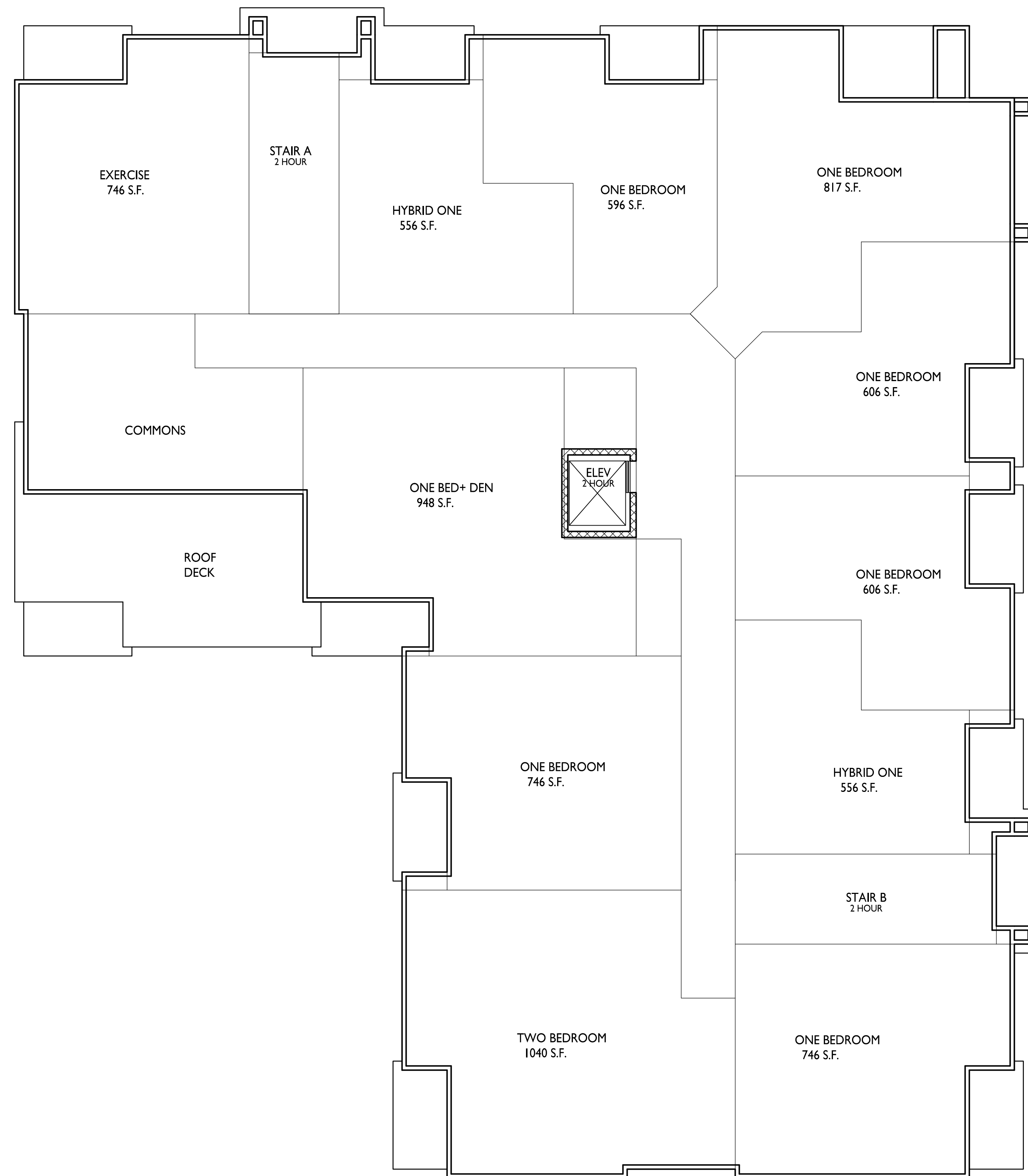
2902 Dryden Drive
Madison, Wisconsin
SHEET TITLE
Fourth Floor Plan

SHEET NUMBER

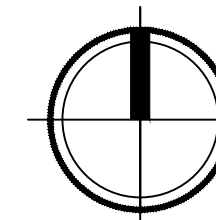
A-1.4

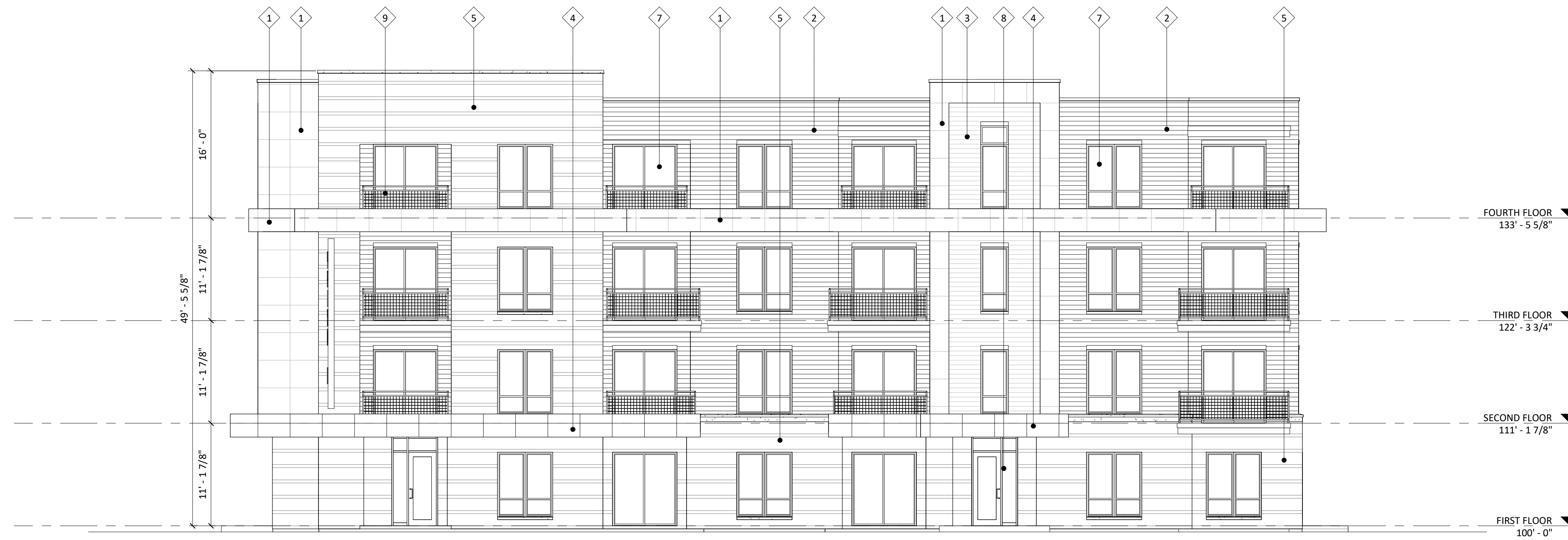
PROJECT NO. **2103**

© Knothe & Bruce Architects, LLC



FOURTH FLOOR PLAN
1/8" = 1'-0"





1 ELEVATION - NORTH
A-2.1 1/8" = 1'-0"



2 ELEVATION - EAST
A-2.1 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
(#1) - REVEAL COMPOSITE PANELS	JAMES HARDIE	ARCTIC WHITE
(#2) - 6" COMPOSITE LAP SIDING	JAMES HARDIE	RICH ESPRESSO
(#3) - 6" COMPOSITE LAP SIDING	JAMES HARDIE	WOODTONE SUMMER WHEAT
(#4) - REVEAL COMPOSITE PANELS	JAMES HARDIE	HL - 0599 FLORIDA WATERS
COMPOSITE TRIM	JAMES HARDIE	MATCH ADJ. SIDING COLOR
(#5) - STONE VENEER	ROCKCAST	SLATE
(#6) - CAST STONE BANDS & SILLS	ROCKCAST	SLATE
(#7) - COMPOSITE WINDOWS	ANDERSEN 100	DARK BRONZE
(#8) - ALUM. STOREFRONT	N/A	DARK BRONZE INODIZED
CANOPY & BAY SOFFITS	JAMES HARDIE	COLOR TO MATCH ADJ. TRIM/SIDING
(#9) - RAILINGS & HANDRAILS	SUPERIOR	DARK BRONZE

ISSUED
Issued for UDC Info. - March 3, 2021
Issued for UDC & LUA - Jan. 10, 2022

PROJECT TITLE
PRISM II
APARTMENTS

2902 DRYDEN DRIVE
MADISON, WI

SHEET TITLE
EXTERIOR
ELEVATIONS

SHEET NUMBER

A-2.1

PROJECT NUMBER **2103**

© Knothe & Bruce Architects, LLC



1 ELEVATION - SOUTH
A-2.2 1/8" = 1'-0"



2 ELEVATION - WEST
A-2.2 1/8" = 1'-0"

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
(#1) - REVEAL COMPOSITE PANELS	JAMES HARDIE	ARCTIC WHITE
(#2) - 6" COMPOSITE LAP SIDING	JAMES HARDIE	RICH ESPRESSO
(#3) - 6" COMPOSITE LAP SIDING	JAMES HARDIE	WOODTONE SUMMER WHEAT
(#4) - REVEAL COMPOSITE PANELS	JAMES HARDIE	HL - 0599 FLORIDA WATERS
COMPOSITE TRIM	JAMES HARDIE	MATCH ADJ. SIDING COLOR
(#5) - STONE VENEER	ROCKCAST	SLATE
(#6) - CAST STONE BANDS & SILLS	ROCKCAST	SLATE
(#7) - COMPOSITE WINDOWS	ANDERSEN 100	DARK BRONZE
(#8) - ALUM. STOREFRONT	N/A	DARK BRONZE INODIZED
CANOPY & BAY SOFFITS	JAMES HARDIE	COLOR TO MATCH ADJ. TRIM/SIDING
(#9) - RAILINGS & HANDRAILS	SUPERIOR	DARK BRONZE

KEY PLAN

ISSUED
 Issued for UDC Info. - March 3, 2021
 Issued for UDC & LUA - Jan. 10, 2022



1 ELEVATION - NORTH COLOR
 A-2.3 1/8" = 1'-0"



2 ELEVATION - SOUTH COLOR
 A-2.3 1/8" = 1'-0"

PROJECT TITLE
PRISM II
APARTMENTS

2902 DRYDEN DRIVE
 MADISON, WI
 SHEET TITLE
EXTERIOR
ELEVATIONS -
COLOR

SHEET NUMBER

A-2.3
 PROJECT NUMBER **2103**
 © Knothe & Bruce Architects, LLC

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
(#1) - REVEAL COMPOSITE PANELS	JAMES HARDIE	ARCTIC WHITE
(#2) - 6" COMPOSITE LAP SIDING	JAMES HARDIE	RICH ESPRESSO
(#3) - 6" COMPOSITE LAP SIDING	JAMES HARDIE	WOODTONE SUMMER WHEAT
(#4) - REVEAL COMPOSITE PANELS	JAMES HARDIE	HL - 0599 FLORIDA WATERS
COMPOSITE TRIM	JAMES HARDIE	MATCH ADJ. SIDING COLOR
(#5) - STONE VENEER	ROCKCAST	SLATE
(#6) - CAST STONE BANDS & SILLS	ROCKCAST	SLATE
(#7) - COMPOSITE WINDOWS	ANDERSEN 100	DARK BRONZE
(#8) - ALUM. STOREFRONT	N/A	DARK BRONZE INODIZED
CANOPY & BAY SOFFITS	JAMES HARDIE	COLOR TO MATCH ADJ. TRIM/SIDING
(#9) - RAILINGS & HANDRAILS	SUPERIOR	DARK BRONZE



1 ELEVATION - EAST COLOR
A-2.4 1/8" = 1'-0"



2 ELEVATION - WEST COLOR
A-2.4 1/8" = 1'-0"

PROJECT TITLE
PRISM II
APARTMENTS

2902 DRYDEN DRIVE
MADISON, WI

SHEET TITLE
EXTERIOR
ELEVATIONS -
COLOR

SHEET NUMBER

A-2.4

PROJECT NUMBER **2103**

© Knothe & Bruce Architects, LLC

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
(#1) - REVEAL COMPOSITE PANELS	JAMES HARDIE	ARCTIC WHITE
(#2) - 6" COMPOSITE LAP SIDING	JAMES HARDIE	RICH ESPRESSO
(#3) - 6" COMPOSITE LAP SIDING	JAMES HARDIE	WOODTONE SUMMER WHEAT
(#4) - REVEAL COMPOSITE PANELS	JAMES HARDIE	HL - 0599 FLORIDA WATERS
COMPOSITE TRIM	JAMES HARDIE	MATCH ADJ. SIDING COLOR
(#5) - STONE VENEER	ROCKCAST	SLATE
(#6) - CAST STONE BANDS & SILLS	ROCKCAST	SLATE
(#7) - COMPOSITE WINDOWS	ANDERSEN 100	DARK BRONZE
(#8) - ALUM. STOREFRONT	N/A	DARK BRONZE INODIZED
CANOPY & BAY SOFFITS	JAMES HARDIE	COLOR TO MATCH ADJ. TRIM/SIDING
(#9) - RAILINGS & HANDRAILS	SUPERIOR	DARK BRONZE





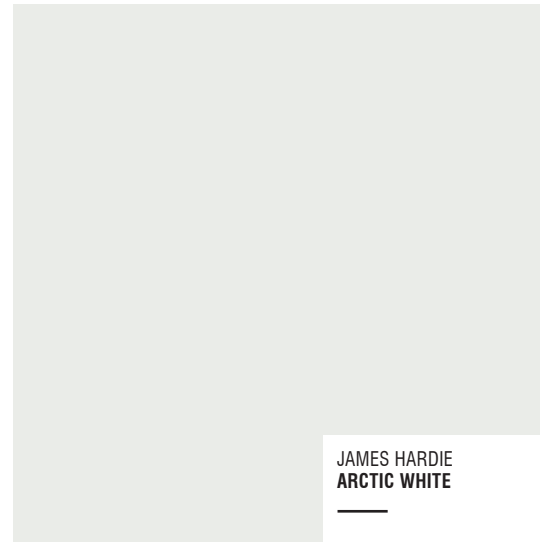
PRISM II



PRISM II

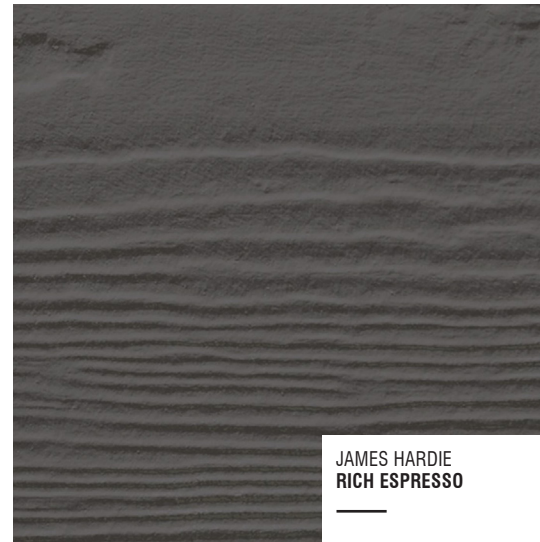






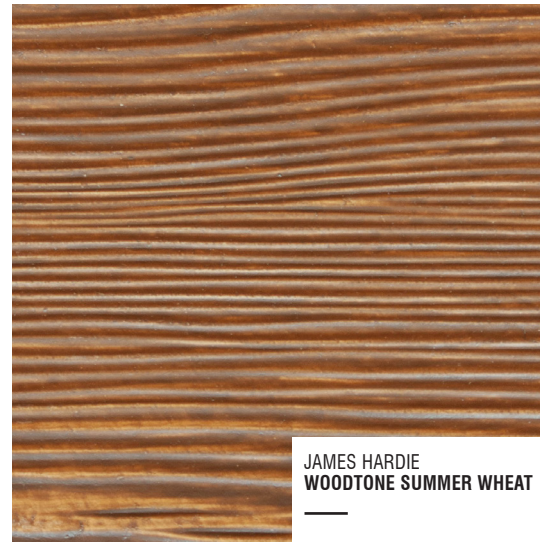
JAMES HARDIE
ARCTIC WHITE

#1 - REVEAL COMPOSITE PANELS



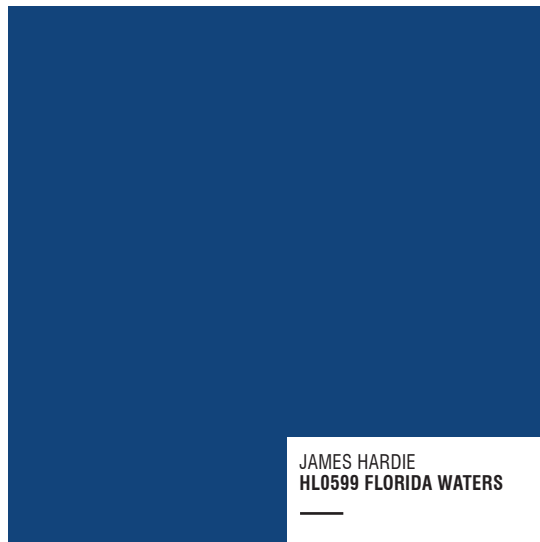
JAMES HARDIE
RICH ESPRESSO

#2 - COMPOSITE LAP SIDING



JAMES HARDIE
WOODTONE SUMMER WHEAT

#3 - COMPOSITE LAP SIDING



JAMES HARDIE
HL0599 FLORIDA WATERS

#4 - REVEAL COMPOSITE PANELS



ROCKCAST
SLATE

CAST STONE VENEER, SILLS & BANDS



MANUFACTURER
DARK BRONZE

**ALUM. STOREFRONT
COMPOSITE WINDOWS
ALUM. RAILINGS**

EXTERIOR MATERIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR
(#1) - REVEAL COMPOSITE PANELS	JAMES HARDIE	ARCTIC WHITE
(#2) - 6" COMPOSITE LAP SIDING	JAMES HARDIE	RICH ESPRESSO
(#3) - 6" COMPOSITE LAP SIDING	JAMES HARDIE	WOODTONE SUMMER WHEAT
(#4) - REVEAL COMPOSITE PANELS	JAMES HARDIE	HL - 0599 FLORIDA WATERS
COMPOSITE TRIM	JAMES HARDIE	MATCH ADJ. SIDING COLOR
(#5) - STONE VENEER	ROCKCAST	SLATE
(#6) - CAST STONE BANDS & SILLS	ROCKCAST	SLATE
(#7) - COMPOSITE WINDOWS	ANDERSEN 100	DARK BRONZE
(#8) - ALUM. STOREFRONT	N/A	DARK BRONZE INODIZED
CANOPY & BAY SOFFITS	JAMES HARDIE	COLOR TO MATCH ADJ. TRIM/SIDING
(#9) - RAILINGS & HANDRAILS	SUPERIOR	DARK BRONZE



D-Series Size 1 LED Area Luminaire

d#series

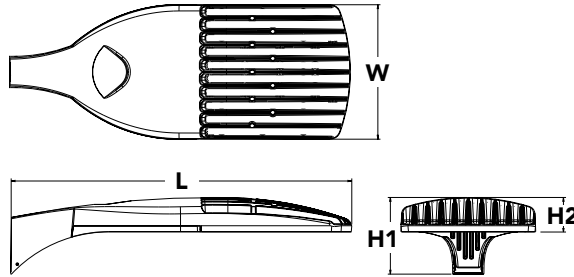


Catalog Number
Notes
Type

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

Specifications

EPA:	1.01 ft ² (0.09 m ²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height H1:	7-1/2" (19.0 cm)
Height H2:	3-1/2"
Weight (max):	27 lbs (12.2 kg)



Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

A+ Capable options indicated by this color background.

Ordering Information

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

DSX1 LED		Color temperature		Distribution		Voltage	Mounting		
Series	LEDs								
DSX1 LED	Forward optics	30K	3000 K	T1S	Type I short	T5VS	Type V very short	MVOLT ³	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁵ RPUMBA Round pole universal mounting adaptor ⁵ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁶
	P1 P4 P7	40K	4000 K	T2S	Type II short	T5S	Type V short	120 ⁴	
	P2 P5 P8	50K	5000 K	T2M	Type II medium	T5M	Type V medium	208 ⁴	
	P3 P6 P9			T3S	Type III short	T5W	Type V wide	240 ⁴	
	Rotated optics			T3M	Type III medium	BLC	Backlight control ²	277 ⁴	
	P10 ¹ P12 ¹			T4M	Type IV medium	LCCO	Left corner cutoff ²	347 ⁴	
	P11 ¹ P13 ¹			TFTM	Forward throw medium	RCCO	Right corner cutoff ²	480 ⁴	

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 nLight AIR generation 2 enabled ⁷ PIRHN Network, high/low motion/ambient sensor ⁸ PER NEMA twist-lock receptacle only (controls ordered separate) ⁹ PER5 Five-pin receptacle only (controls ordered separate) ^{9,10} PER7 Seven-pin receptacle only (controls ordered separate) ^{9,10} DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) ¹¹ DS Dual switching ^{12,13,14}	PIR High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ^{15,16} PIRH High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ^{15,16} PIR1FC3V High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{15,16} PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{15,16} FAO Field adjustable output ¹⁴	Shipped installed HS House-side shield ¹⁷ SF Single fuse (120, 277, 347V) ⁴ DF Double fuse (208, 240, 480V) ⁴ L90 Left rotated optics ¹ R90 Right rotated optics ¹ Shipped separately BS Bird spikes ¹⁸ EGS External glare shield
		DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white



Ordering Information

Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ¹⁹
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ¹⁹
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ¹⁹
DSHORT SBK U	Shorting cap ¹⁹
DSX1HS 30C U	House-side shield for P1, P2, P3, P4 and P5 ¹⁷
DSX1HS 40C U	House-side shield for P6 and P7 ¹⁷
DSX1HS 60C U	House-side shield for P8, P9, P10, P11 and P12 ¹⁷
PUMBA DDBXD U*	Square and round pole universal mounting bracket (specify finish) ²⁰
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁶
DSX1EGS (FINISH) U	External glare shield

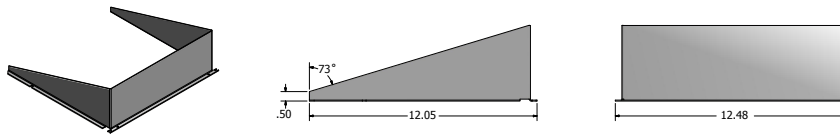
For more control options, visit [DTL](#) and [ROAM](#) online.

NOTES

- P10, P11, P12 or P13 and rotated optics (L90, R90) only available together.
- Not available with HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Universal mounting brackets intended for retrofit on existing, pre-drilled poles only. 1.5 G vibration load rating per ANCI C136.31.
- Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Must be ordered with PIRHN. Sensor cover available only in dark bronze, black, white and natural aluminum colors.
- Must be ordered with NLTAIR2. For more information on nLight Air 2 visit [this link](#).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting cap included.
- If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Node with integral dimming.
- DMG not available with PIRHN, PER5, PER7, PIR, PIRH, PIR1FC3V or PIRH1FC3V.
- Provides 50/50 fixture operation via (2) independent drivers. Not available with PER, PER5, PER7, PIR or PIRH. Not available P1, P2, P3, P4 or P5.
- Requires (2) separately switched circuits with isolated neutral. See Outdoor Control Technical Guide for details.
- Reference Motion Sensor table on page 4.
- Reference controls options table on page 4 to see functionality.
- Not available with other dimming controls options
- Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
- For retrofit use only.

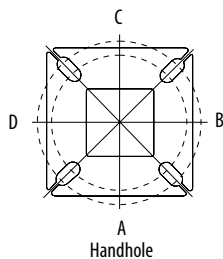
Options

EGS - External Glare Shield



Drilling

HANDHOLE ORIENTATION

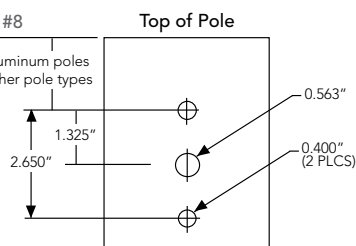


Tenon Mounting Slipfitter**

Tenon O.D.	Mounting	Single Unit	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
2-3/8"	SPA/RPA	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
	SPUMBA	AS3-5 190	AS3-5 280	AS4-5 290	AS3-5 320	AS4-5 390	AS4-5 490
	RUPUMBA	AS3-5 190	AS3-5 280		AS3-5 320		
2-7/8"	SPA/RPA	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
	SPUMBA	AST25-190	AST25-280		AST25-320		
	RUPUMBA	AST25-190	AST25-280		AST25-320		
4"	SPA/RPA	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490
	SPUMBA	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490
	RUPUMBA	AST35-190	AST35-280		AST35-320		

Template #8

1.75" for aluminum poles
2.75" for other pole types



Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM49AS

	Drilling Template	Minimum Acceptable Outside Pole Dimension					
SPA	#8	2-7/8"	2-7/8"	3.5"	3.5"	3"	3.5"
RPA	#8	2-7/8"	2-7/8"	3.5"	3.5"	3"	3.5"
SPUMBA	#5	2-7/8"	3"	4"	4"	3.5"	4"
RPUMBA	#5	2-7/8"	3.5"	5"	5"	3.5"	5"

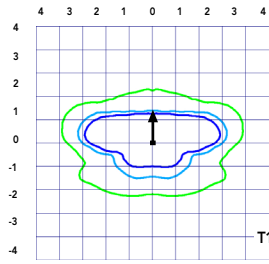
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 1 homepage](#).

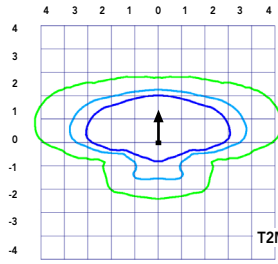
Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').

LEGEND

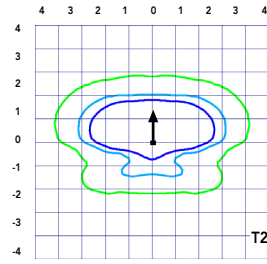
- 0.1 fc
- 0.5 fc
- 1.0 fc



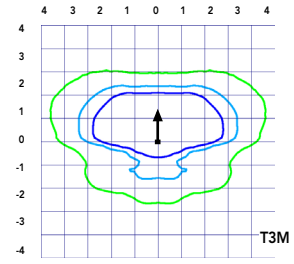
Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



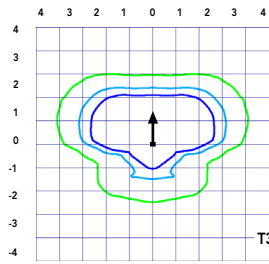
Test No. LT.L23164B tested in accordance with IESNA LM-79-08.



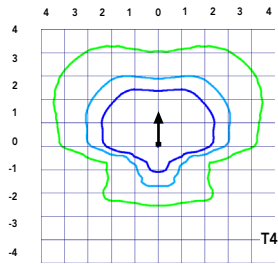
Test No. LT.L23222 tested in accordance with IESNA LM-79-08.



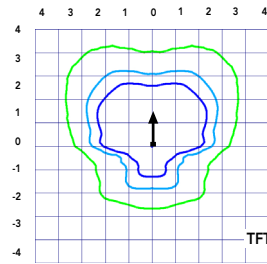
Test No. LT.L23271 tested in accordance with IESNA LM-79-08.



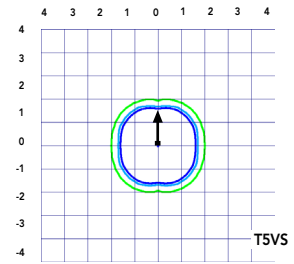
Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



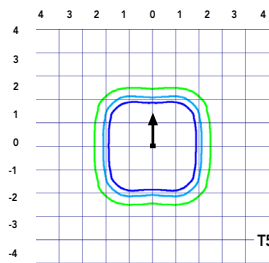
Test No. LT.L23164B tested in accordance with IESNA LM-79-08.



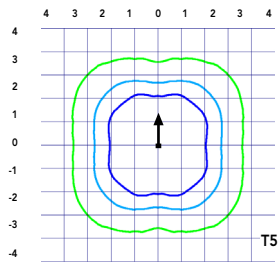
Test No. LT.L23222 tested in accordance with IESNA LM-79-08.



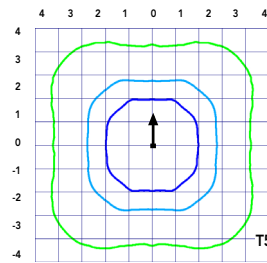
Test No. LT.L23271 tested in accordance with IESNA LM-79-08.



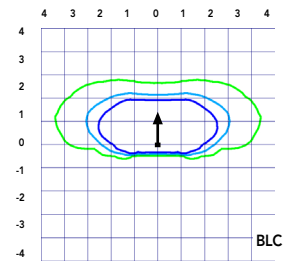
Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



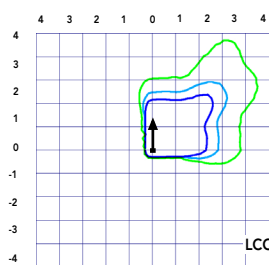
Test No. LT.L23164B tested in accordance with IESNA LM-79-08.



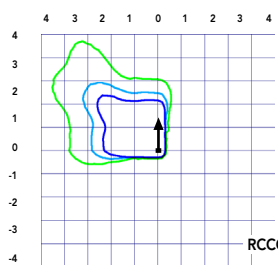
Test No. LT.L23222 tested in accordance with IESNA LM-79-08.



Test No. LT.L23271 tested in accordance with IESNA LM-79-08.



Test No. LT.L23211 tested in accordance with IESNA LM-79-08.



Test No. LT.L23164B tested in accordance with IESNA LM-79-08.

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

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

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

Projected LED Lumen Maintenance

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

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

Operating Hours	Lumen Maintenance Factor
0	1.00
25,000	0.96
50,000	0.92
100,000	0.85

Motion Sensor Default Settings

Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

*for use when motion sensor is used as dusk to dawn control.

Electrical Load

	Performance Package	LED Count	Drive Current	Wattage	Current (A)					
					120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	30	530	54	0.45	0.26	0.23	0.19	0.10	0.12
	P2	30	700	70	0.59	0.34	0.30	0.25	0.20	0.16
	P3	30	1050	102	0.86	0.50	0.44	0.38	0.30	0.22
	P4	30	1250	125	1.06	0.60	0.52	0.46	0.37	0.27
	P5	30	1400	138	1.16	0.67	0.58	0.51	0.40	0.29
	P6	40	1250	163	1.36	0.78	0.68	0.59	0.47	0.34
	P7	40	1400	183	1.53	0.88	0.76	0.66	0.53	0.38
	P8	60	1050	207	1.74	0.98	0.87	0.76	0.64	0.49
	P9	60	1250	241	2.01	1.16	1.01	0.89	0.70	0.51
Rotated Optics (Requires L90 or R90)	P10	60	530	106	0.90	0.52	0.47	0.43	0.33	0.27
	P11	60	700	137	1.15	0.67	0.60	0.53	0.42	0.32
	P12	60	1050	207	1.74	0.99	0.87	0.76	0.60	0.46
	P13	60	1250	231	1.93	1.12	0.97	0.86	0.67	0.49

Controls Options

Nomenclature	Description	Functionality	Primary control device	Notes
FA0	Field adjustable output device installed inside the luminaire; wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FA0 device	Cannot be used with other controls options that need the 0-10V leads
DS	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PERS or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM.	Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire
PIR or PIRH	Motion sensors with integral photocell. PIR for 8-15' mounting; PIRH for 15-30' mounting	Luminaires dim when no occupancy is detected.	Acuity Controls SBGR	Also available with PIRH1FC3V when the sensor photocell is used for dusk-to-dawn operation.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclipse.	nLight Air rSDGR	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app.

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 tolerances allowed by Lighting Facts Contact factory for performance data on any configurations not shown here.

Forward Optics																			
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30	530	P1	54W	T1S	6,457	2	0	2	120	6,956	2	0	2	129	7,044	2	0	2	130
				T2S	6,450	2	0	2	119	6,949	2	0	2	129	7,037	2	0	2	130
				T2M	6,483	1	0	1	120	6,984	2	0	2	129	7,073	2	0	2	131
				T3S	6,279	2	0	2	116	6,764	2	0	2	125	6,850	2	0	2	127
				T3M	6,468	1	0	2	120	6,967	1	0	2	129	7,056	1	0	2	131
				T4M	6,327	1	0	2	117	6,816	1	0	2	126	6,902	1	0	2	128
				TFTM	6,464	1	0	2	120	6,963	1	0	2	129	7,051	1	0	2	131
				TSVS	6,722	2	0	0	124	7,242	3	0	0	134	7,334	3	0	0	136
				T5S	6,728	2	0	1	125	7,248	2	0	1	134	7,340	2	0	1	136
				T5M	6,711	3	0	1	124	7,229	3	0	1	134	7,321	3	0	2	136
				TSW	6,667	3	0	2	123	7,182	3	0	2	133	7,273	3	0	2	135
				BLC	5,299	1	0	1	98	5,709	1	0	2	106	5,781	1	0	2	107
				LCCO	3,943	1	0	2	73	4,248	1	0	2	79	4,302	1	0	2	80
				RCCO	3,943	1	0	2	73	4,248	1	0	2	79	4,302	1	0	2	80
30	700	P2	70W	T1S	8,249	2	0	2	118	8,886	2	0	2	127	8,999	2	0	2	129
				T2S	8,240	2	0	2	118	8,877	2	0	2	127	8,989	2	0	2	128
				T2M	8,283	2	0	2	118	8,923	2	0	2	127	9,036	2	0	2	129
				T3S	8,021	2	0	2	115	8,641	2	0	2	123	8,751	2	0	2	125
				T3M	8,263	2	0	2	118	8,901	2	0	2	127	9,014	2	0	2	129
				T4M	8,083	2	0	2	115	8,708	2	0	2	124	8,818	2	0	2	126
				TFTM	8,257	2	0	2	118	8,896	2	0	2	127	9,008	2	0	2	129
				TSVS	8,588	3	0	0	123	9,252	3	0	0	132	9,369	3	0	0	134
				T5S	8,595	3	0	1	123	9,259	3	0	1	132	9,376	3	0	1	134
				T5M	8,573	3	0	2	122	9,236	3	0	2	132	9,353	3	0	2	134
				TSW	8,517	3	0	2	122	9,175	4	0	2	131	9,291	4	0	2	133
				BLC	6,770	1	0	2	97	7,293	1	0	2	104	7,386	1	0	2	106
				LCCO	5,038	1	0	2	72	5,427	1	0	2	78	5,496	1	0	2	79
				RCCO	5,038	1	0	2	72	5,427	1	0	2	78	5,496	1	0	2	79
30	1050	P3	102W	T1S	11,661	2	0	2	114	12,562	3	0	3	123	12,721	3	0	3	125
				T2S	11,648	2	0	2	114	12,548	3	0	3	123	12,707	3	0	3	125
				T2M	11,708	2	0	2	115	12,613	2	0	2	124	12,773	2	0	2	125
				T3S	11,339	2	0	2	111	12,215	3	0	3	120	12,370	3	0	3	121
				T3M	11,680	2	0	2	115	12,582	2	0	2	123	12,742	2	0	2	125
				T4M	11,426	2	0	3	112	12,309	2	0	3	121	12,465	2	0	3	122
				TFTM	11,673	2	0	2	114	12,575	2	0	3	123	12,734	2	0	3	125
				TSVS	12,140	3	0	1	119	13,078	3	0	1	128	13,244	3	0	1	130
				T5S	12,150	3	0	1	119	13,089	3	0	1	128	13,254	3	0	1	130
				T5M	12,119	4	0	2	119	13,056	4	0	2	128	13,221	4	0	2	130
				TSW	12,040	4	0	3	118	12,970	4	0	3	127	13,134	4	0	3	129
				BLC	9,570	1	0	2	94	10,310	1	0	2	101	10,440	1	0	2	102
				LCCO	7,121	1	0	3	70	7,671	1	0	3	75	7,768	1	0	3	76
				RCCO	7,121	1	0	3	70	7,671	1	0	3	75	7,768	1	0	3	76
30	1250	P4	125W	T1S	13,435	3	0	3	107	14,473	3	0	3	116	14,657	3	0	3	117
				T2S	13,421	3	0	3	107	14,458	3	0	3	116	14,641	3	0	3	117
				T2M	13,490	2	0	2	108	14,532	3	0	3	116	14,716	3	0	3	118
				T3S	13,064	3	0	3	105	14,074	3	0	3	113	14,252	3	0	3	114
				T3M	13,457	2	0	2	108	14,497	2	0	2	116	14,681	2	0	2	117
				T4M	13,165	2	0	3	105	14,182	2	0	3	113	14,362	2	0	3	115
				TFTM	13,449	2	0	3	108	14,488	2	0	3	116	14,672	2	0	3	117
				TSVS	13,987	4	0	1	112	15,068	4	0	1	121	15,259	4	0	1	122
				T5S	13,999	3	0	1	112	15,080	3	0	1	121	15,271	3	0	1	122
				T5M	13,963	4	0	2	112	15,042	4	0	2	120	15,233	4	0	2	122
				TSW	13,872	4	0	3	111	14,944	4	0	3	120	15,133	4	0	3	121
				BLC	11,027	1	0	2	88	11,879	1	0	2	95	12,029	1	0	2	96
				LCCO	8,205	1	0	3	66	8,839	1	0	3	71	8,951	1	0	3	72
				RCCO	8,205	1	0	3	66	8,839	1	0	3	71	8,951	1	0	3	72
30	1400	P5	138W	T1S	14,679	3	0	3	106	15,814	3	0	3	115	16,014	3	0	3	116
				T2S	14,664	3	0	3	106	15,797	3	0	3	114	15,997	3	0	3	116
				T2M	14,739	3	0	3	107	15,878	3	0	3	115	16,079	3	0	3	117
				T3S	14,274	3	0	3	103	15,377	3	0	3	111	15,572	3	0	3	113
				T3M	14,704	2	0	3	107	15,840	3	0	3	115	16,040	3	0	3	116
				T4M	14,384	2	0	3	104	15,496	3	0	3	112	15,692	3	0	3	114
				TFTM	14,695	2	0	3	106	15,830	3	0	3	115	16,030	3	0	3	116
				TSVS	15,283	4	0	1	111	16,464	4	0	1	119	16,672	4	0	1	121
				T5S	15,295	3	0	1	111	16,477	4	0	1	119	16,686	4	0	1	121
				T5M	15,257	4	0	2	111	16,435	4	0	2	119	16,644	4	0	2	121
				TSW	15,157	4	0	3	110	16,328	4	0	3	118	16,534	4	0	3	120
				BLC	12,048	1	0	2	87	12,979	1	0	2	94	13,143	1	0	2	95
				LCCO	8,965	1	0	3	65	9,657	1	0	3	70	9,780	1	0	3	71
				RCCO	8,965	1	0	3	65	9,657	1	0	3	70	9,780	1	0	3	71

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 tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																			
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
40	1250	P6	163W	T1S	17,654	3	0	3	108	19,018	3	0	3	117	19,259	3	0	3	118
				T2S	17,635	3	0	3	108	18,998	3	0	3	117	19,238	3	0	3	118
				T2M	17,726	3	0	3	109	19,096	3	0	3	117	19,337	3	0	3	119
				T3S	17,167	3	0	3	105	18,493	3	0	3	113	18,727	3	0	3	115
				T3M	17,683	3	0	3	108	19,049	3	0	3	117	19,290	3	0	3	118
				T4M	17,299	3	0	3	106	18,635	3	0	4	114	18,871	3	0	4	116
				TFTM	17,672	3	0	3	108	19,038	3	0	4	117	19,279	3	0	4	118
				TSVS	18,379	4	0	1	113	19,800	4	0	1	121	20,050	4	0	1	123
				T5S	18,394	4	0	2	113	19,816	4	0	2	122	20,066	4	0	2	123
				T5M	18,348	4	0	2	113	19,766	4	0	2	121	20,016	4	0	2	123
				TSW	18,228	5	0	3	112	19,636	5	0	3	120	19,885	5	0	3	122
				BLC	14,489	2	0	2	89	15,609	2	0	3	96	15,806	2	0	3	97
				LCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72
				RCCO	10,781	1	0	3	66	11,614	1	0	3	71	11,761	2	0	3	72
40	1400	P7	183W	T1S	19,227	3	0	3	105	20,712	3	0	3	113	20,975	3	0	3	115
				T2S	19,206	3	0	3	105	20,690	3	0	3	113	20,952	3	0	3	114
				T2M	19,305	3	0	3	105	20,797	3	0	3	114	21,060	3	0	3	115
				T3S	18,696	3	0	3	102	20,141	3	0	3	110	20,396	3	0	4	111
				T3M	19,258	3	0	3	105	20,746	3	0	3	113	21,009	3	0	3	115
				T4M	18,840	3	0	4	103	20,296	3	0	4	111	20,553	3	0	4	112
				TFTM	19,246	3	0	4	105	20,734	3	0	4	113	20,996	3	0	4	115
				TSVS	20,017	4	0	1	109	21,564	4	0	1	118	21,837	4	0	1	119
				T5S	20,033	4	0	2	109	21,581	4	0	2	118	21,854	4	0	2	119
				T5M	19,983	4	0	2	109	21,527	5	0	3	118	21,799	5	0	3	119
				TSW	19,852	5	0	3	108	21,386	5	0	3	117	21,656	5	0	3	118
				BLC	15,780	2	0	3	86	16,999	2	0	3	93	17,214	2	0	3	94
				LCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70
				RCCO	11,742	2	0	3	64	12,649	2	0	3	69	12,809	2	0	3	70
60	1050	P8	207W	T1S	22,490	3	0	3	109	24,228	3	0	3	117	24,535	3	0	3	119
				T2S	22,466	3	0	4	109	24,202	3	0	4	117	24,509	3	0	4	118
				T2M	22,582	3	0	3	109	24,327	3	0	3	118	24,635	3	0	3	119
				T3S	21,870	3	0	4	106	23,560	3	0	4	114	23,858	3	0	4	115
				T3M	22,527	3	0	4	109	24,268	3	0	4	117	24,575	3	0	4	119
				T4M	22,038	3	0	4	106	23,741	3	0	4	115	24,041	3	0	4	116
				TFTM	22,513	3	0	4	109	24,253	3	0	4	117	24,560	3	0	4	119
				TSVS	23,415	5	0	1	113	25,224	5	0	1	122	25,543	5	0	1	123
				T5S	23,434	4	0	2	113	25,244	4	0	2	122	25,564	4	0	2	123
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123
				TSW	23,221	5	0	4	112	25,016	5	0	4	121	25,332	5	0	4	122
				BLC	18,458	2	0	3	89	19,885	2	0	3	96	20,136	2	0	3	97
				LCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72
				RCCO	13,735	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72
60	1250	P9	241W	T1S	25,575	3	0	3	106	27,551	3	0	3	114	27,900	3	0	3	116
				T2S	25,548	3	0	4	106	27,522	3	0	4	114	27,871	3	0	4	116
				T2M	25,680	3	0	3	107	27,664	3	0	3	115	28,014	3	0	3	116
				T3S	24,870	3	0	4	103	26,791	3	0	4	111	27,130	3	0	4	113
				T3M	25,617	3	0	4	106	27,597	3	0	4	115	27,946	3	0	4	116
				T4M	25,061	3	0	4	104	26,997	3	0	4	112	27,339	3	0	4	113
				TFTM	25,602	3	0	4	106	27,580	3	0	4	114	27,929	3	0	4	116
				TSVS	26,626	5	0	1	110	28,684	5	0	1	119	29,047	5	0	1	121
				T5S	26,648	4	0	2	111	28,707	5	0	2	119	29,070	5	0	2	121
				T5M	26,581	5	0	3	110	28,635	5	0	3	119	28,997	5	0	3	120
				TSW	26,406	5	0	4	110	28,447	5	0	4	118	28,807	5	0	4	120
				BLC	20,990	2	0	3	87	22,612	2	0	3	94	22,898	2	0	3	95
				LCCO	15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71
				RCCO	15,619	2	0	4	65	16,825	2	0	4	70	17,038	2	0	4	71



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 tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Rotated Optics																			
LED Count	Drive Current	Power Package	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
60	530	P10	106W	T1S	13,042	3	0	3	123	14,050	3	0	3	133	14,228	3	0	3	134
				T2S	12,967	4	0	4	122	13,969	4	0	4	132	14,146	4	0	4	133
				T2M	13,201	3	0	3	125	14,221	3	0	3	134	14,401	3	0	3	136
				T3S	12,766	4	0	4	120	13,752	4	0	4	130	13,926	4	0	4	131
				T3M	13,193	4	0	4	124	14,213	4	0	4	134	14,393	4	0	4	136
				T4M	12,944	4	0	4	122	13,945	4	0	4	132	14,121	4	0	4	133
				TFTM	13,279	4	0	4	125	14,305	4	0	4	135	14,486	4	0	4	137
				TSVS	13,372	3	0	1	126	14,405	4	0	1	136	14,588	4	0	1	138
				T5S	13,260	3	0	1	125	14,284	3	0	1	135	14,465	3	0	1	136
				T5M	13,256	4	0	2	125	14,281	4	0	2	135	14,462	4	0	2	136
				TSW	13,137	4	0	3	124	14,153	4	0	3	134	14,332	4	0	3	135
				BLC	10,906	3	0	3	103	11,749	3	0	3	111	11,898	3	0	3	112
				LCCO	7,789	1	0	3	73	8,391	1	0	3	79	8,497	1	0	3	80
				RCCO	7,779	4	0	4	73	8,380	4	0	4	79	8,486	4	0	4	80
60	700	P11	137W	T1S	16,556	3	0	3	121	17,835	3	0	3	130	18,061	4	0	4	132
				T2S	16,461	4	0	4	120	17,733	4	0	4	129	17,957	4	0	4	131
				T2M	16,758	4	0	4	122	18,053	4	0	4	132	18,281	4	0	4	133
				T3S	16,205	4	0	4	118	17,457	4	0	4	127	17,678	4	0	4	129
				T3M	16,748	4	0	4	122	18,042	4	0	4	132	18,271	4	0	4	133
				T4M	16,432	4	0	4	120	17,702	4	0	4	129	17,926	4	0	4	131
				TFTM	16,857	4	0	4	123	18,159	4	0	4	133	18,389	4	0	4	134
				TSVS	16,975	4	0	1	124	18,287	4	0	1	133	18,518	4	0	1	135
				T5S	16,832	4	0	1	123	18,133	4	0	2	132	18,362	4	0	2	134
				T5M	16,828	4	0	2	123	18,128	4	0	2	132	18,358	4	0	2	134
				TSW	16,677	4	0	3	122	17,966	5	0	3	131	18,193	5	0	3	133
				BLC	13,845	3	0	3	101	14,915	3	0	3	109	15,103	3	0	3	110
				LCCO	9,888	1	0	3	72	10,652	2	0	3	78	10,787	2	0	3	79
				RCCO	9,875	4	0	4	72	10,638	4	0	4	78	10,773	4	0	4	79
60	1050	P12	207W	T1S	22,996	4	0	4	111	24,773	4	0	4	120	25,087	4	0	4	121
				T2S	22,864	4	0	4	110	24,631	5	0	5	119	24,943	5	0	5	120
				T2M	23,277	4	0	4	112	25,075	4	0	4	121	25,393	4	0	4	123
				T3S	22,509	4	0	4	109	24,248	5	0	5	117	24,555	5	0	5	119
				T3M	23,263	4	0	4	112	25,061	4	0	4	121	25,378	4	0	4	123
				T4M	22,824	5	0	5	110	24,588	5	0	5	119	24,899	5	0	5	120
				TFTM	23,414	5	0	5	113	25,223	5	0	5	122	25,543	5	0	5	123
				TSVS	23,579	5	0	1	114	25,401	5	0	1	123	25,722	5	0	1	124
				T5S	23,380	4	0	2	113	25,187	4	0	2	122	25,506	4	0	2	123
				T5M	23,374	5	0	3	113	25,181	5	0	3	122	25,499	5	0	3	123
				TSW	23,165	5	0	4	112	24,955	5	0	4	121	25,271	5	0	4	122
				BLC	19,231	4	0	4	93	20,717	4	0	4	100	20,979	4	0	4	101
				LCCO	13,734	2	0	3	66	14,796	2	0	4	71	14,983	2	0	4	72
				RCCO	13,716	4	0	4	66	14,776	4	0	4	71	14,963	4	0	4	72
60	1250	P13	231W	T1S	25,400	4	0	4	110	27,363	4	0	4	118	27,709	4	0	4	120
				T2S	25,254	5	0	5	109	27,205	5	0	5	118	27,550	5	0	5	119
				T2M	25,710	4	0	4	111	27,696	4	0	4	120	28,047	4	0	4	121
				T3S	24,862	5	0	5	108	26,783	5	0	5	116	27,122	5	0	5	117
				T3M	25,695	5	0	5	111	27,680	5	0	5	120	28,031	5	0	5	121
				T4M	25,210	5	0	5	109	27,158	5	0	5	118	27,502	5	0	5	119
				TFTM	25,861	5	0	5	112	27,860	5	0	5	121	28,212	5	0	5	122
				TSVS	26,043	5	0	1	113	28,056	5	0	1	121	28,411	5	0	1	123
				T5S	25,824	4	0	2	112	27,819	5	0	2	120	28,172	5	0	2	122
				T5M	25,818	5	0	3	112	27,813	5	0	3	120	28,165	5	0	3	122
				TSW	25,586	5	0	4	111	27,563	5	0	4	119	27,912	5	0	4	121
				BLC	21,241	4	0	4	92	22,882	4	0	4	99	23,172	4	0	4	100
				LCCO	15,170	2	0	4	66	16,342	2	0	4	71	16,549	2	0	4	72
				RCCO	15,150	5	0	5	66	16,321	5	0	5	71	16,527	5	0	5	72

Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a **shaded background**. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **shaded background**¹

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.01 ft²) for optimized pole wind loading.

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 can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The DSX1 LED area luminaire has a number of control options. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 30 feet.

nLIGHT AIR CONTROLS

The DSX1 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found here.

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern (template #8). NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product.

Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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

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

Specifications subject to change without notice.





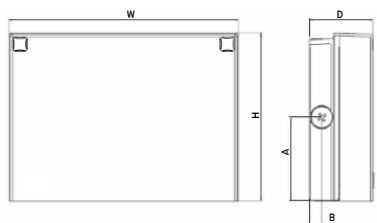
WPX LED Wall Packs



Catalog Number
Notes
Type

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

Specifications



Front View

Side View

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

Introduction

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

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

Ordering Information

EXAMPLE: WPX2 LED 40K MVOLT DDBXD

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

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

NOTES

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

FEATURES & SPECIFICATIONS

INTENDED USE

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

CONSTRUCTION

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

ELECTRICAL

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

All photocell (PE) operate on MVOLT (120V - 277V) input.

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

INSTALLATION

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

LISTINGS

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

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

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



Performance Data

Electrical Load

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

Projected LED Lumen Maintenance

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

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

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

HID Replacement Guide

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

Lumen Output

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

Lumen Ambient Temperature (LAT) Multipliers

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

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

Emergency Egress Battery Packs

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

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

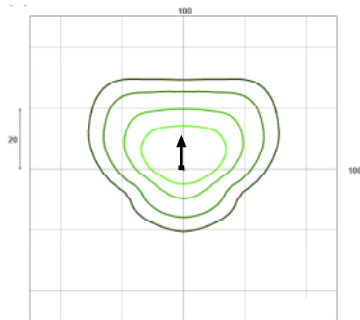
Photometric Diagrams

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

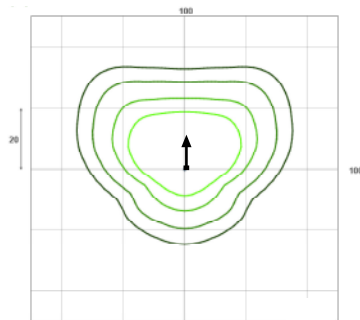
LEGEND

	0.1 fc
	0.2 fc
	0.5 fc
	1.0 fc

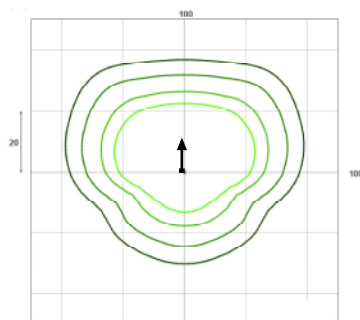
WPX1 LED P1



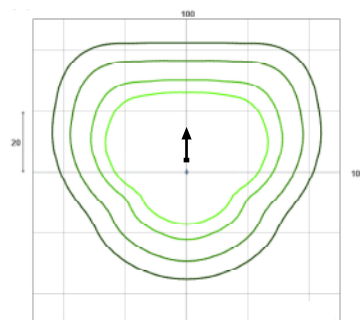
WPX1 LED P2



WPX2 LED



WPX3 LED



Mounting Height = 12 Feet.