

# 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



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.*

## FOR OFFICE USE ONLY:

Paid \_\_\_\_\_ Receipt # \_\_\_\_\_

Date received \_\_\_\_\_

Received by \_\_\_\_\_

Aldermanic District \_\_\_\_\_

Zoning District \_\_\_\_\_

Urban Design District \_\_\_\_\_

Submittal reviewed by \_\_\_\_\_

Legistar # \_\_\_\_\_

## 1. Project Information

Address: 2830 Dryden Dr.

Title: \_\_\_\_\_

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

UDC meeting date requested July 31, 2019

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)

### Other

Please specify

## 4. Applicant, Agent, and Property Owner Information

Applicant name Dave Bruns  
Street address 1865 Northport Dr. Suite B  
Telephone 608-255-0620

Company Northside TownCenter  
City/State/Zip Madison, WI 53704  
Email coachbruns@gmail.com

Project contact person Kevin Burow  
Street address 7601 University Ave, Suite 201  
Telephone 608-836-3690

Company Knothe & Bruce Architects, LLC  
City/State/Zip Middleton, WI 53562  
Email kburow@knothebruce.com

Property owner (if not applicant) \_\_\_\_\_  
Street address \_\_\_\_\_  
Telephone \_\_\_\_\_

City/State/Zip \_\_\_\_\_  
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 N/A

### Electronic Submittal\*

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](mailto: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 Kevin F., Sydney, Jake on 4-30-2019.
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 Dave Bruns

Relationship to property owner

Authorizing signature of property owner Ken B.

Date 6-11-2019

KEVIN BRUNS, AUTHORIZED AGENT

## 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 §31.24(6) MGO)

- Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : \$150 (per §31.24(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 (MUC)
- 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

UDC

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

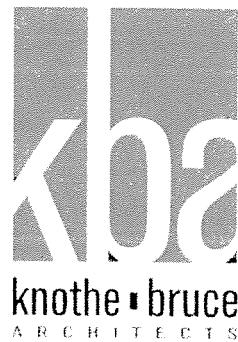
June 12, 2019

Ms. Heather Stouder  
Department of Planning & Development  
City of Madison  
215 Martin Luther King Jr. Boulevard  
PO Box 2985  
Madison, Wisconsin 53701

Re: Letter of Intent  
2830 Dryden Drive  
KBA Project #1912

Ms. Heather Stouder:

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



#### **Organizational structure:**

|        |  |            |  |
|--------|--|------------|--|
| Owner: | Sherman Plaza Inc.<br>1865 Northport Drive, Suite B<br>Madison, WI 53704<br>608-575-1582<br>Contact: David Bruns<br><a href="mailto:coachbruns@gmail.com">coachbruns@gmail.com</a> | Architect: | Knothe & Bruce Architects, LLC<br>7601 University Avenue, Ste 201<br>Middleton, WI 53562<br>608-836-3690<br>Contact: Kevin Burow<br><a href="mailto:kburow@knothebruce.com">kburow@knothebruce.com</a> |
|--------|--|------------|--|

|           |  |                   |  |
|-----------|--|-------------------|--|
| Engineer: | Vierbicher Associates, Inc.<br>999 Fourier Dr.<br>Madison, WI 53717<br>(608) 826-0532<br>(608) 826-0530 fax<br>Contact: John Kastner<br><a href="mailto:jkas@vierbicher.com">jkas@vierbicher.com</a> | Landscape Design: | Skidmore Property Services, LLC<br>13 Red Maple Trail<br>Madison, WI 53717<br>(608) 826-0032<br>Contact: Paul Skidmore<br><a href="mailto:paulskidmore@tds.net">paulskidmore@tds.net</a> |
|-----------|--|-------------------|--|

#### **Introduction:**

The site is located on the west side of Dryden Drive and is part of the Sherman Plaza Development. The site is currently owned and managed by Sherman Plaza Inc. and is zoned CC-T (Commercial Corridor Transitional District). This application requests the demolition of an existing 1-story office building to allow the construction of a new 4-story multi-family apartment building with underground parking.

#### **Project Description:**

The proposed building will be a four-story, market-rate apartment building that will have a total of 27 units and 19 underground parking stalls. This development will provide much needed high-quality housing on the North side of Madison and is integrated onto the property of the Sherman Plaza Shopping Center aka the Northside Town Center where residents can walk to restaurants, a grocery

store, pharmacy, hardware store, banks, and a public library. It is also located adjacent to and across from existing multi-family housing.

**Site Development Data:**

**Densities:**

|                   |                              |
|-------------------|------------------------------|
| Gross Lot Area    | 22,065 sf / 0.5 Acres        |
| Dwelling Units    | 27 DU                        |
| Lot Area / D.U.   | 817 sf / unit                |
| Density           | 54 units/acre                |
| Building Height   | 4 stories                    |
| Usable Open Space | 5,759 sf (5,440 sf required) |
| Lot Coverage      | 14,621 sf = 66% (85% Max.)   |

**Proposed New Dwelling Unit Mix:**

|                          |    |
|--------------------------|----|
| One Bedroom              | 20 |
| Two Bedroom Units        | 7  |
| Total New Dwelling Units | 27 |

**Vehicle Parking:**

|                    |                  |
|--------------------|------------------|
| Surface Stalls     | 20 stalls        |
| <u>Underground</u> | <u>19 stalls</u> |
| Total              | 39 stalls        |

**Bicycle Parking for New Development:**

|                           |                               |
|---------------------------|-------------------------------|
| Surface Residential       | 3 stalls                      |
| Surface Guest             | 3 stalls                      |
| Underground Garage        | 5 stalls (wall mount)         |
| <u>Underground Garage</u> | <u>19 stalls (Std. 2'x6')</u> |
| Total                     | 30 stalls                     |

**Project Schedule:**

It is anticipated that the construction on this site will begin in late 2019 with a final completion date of fall of 2020.

Thank you for your time reviewing our proposal.

Sincerely,



Kevin Burow, AIA, NCARB, LEED AP  
Managing Member



d"series

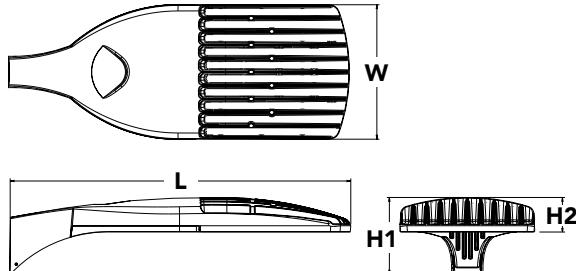
# D-Series Size 1

## LED Area Luminaire



### Specifications

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



A+ Capable options indicated by this color background.

### Ordering Information

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

| DSX1 LED |                       |                       |                  |              |                      |                |                                  |                    |  |
|----------|-----------------------|-----------------------|------------------|--------------|----------------------|----------------|----------------------------------|--------------------|--|
| Series   | LEDs                  | Color temperature     |                  | Distribution |                      | Voltage        | Mounting                         |                    |  |
| DSX1 LED | <b>Forward optics</b> | 30K                   | 3000 K           | T1S          | Type I short         | T5VS           | Type V very short                | MVOLT <sup>3</sup> | <b>Shipped included</b>  |
|          |                       | P1                    | P4               | P7           | T2S                  | Type II short  | T5S                              | Type V short       | 120 <sup>4</sup>   |
|          |                       | P2                    | P5               | P8           | T2M                  | Type II medium | T5M                              | Type V medium      | 208 <sup>4</sup>   |
|          |                       | P3                    | P6               | P9           | T3S                  | Type III short | T5W                              | Type V wide        | 240 <sup>4</sup>   |
|          |                       | <b>Rotated optics</b> |                  | T3M          | Type III medium      | BLC            | Backlight control <sup>2</sup>   | 277 <sup>4</sup>   |  |
|          | P10 <sup>1</sup>      | P12 <sup>1</sup>      |                  | T4M          | Type IV medium       | LCC0           | Left corner cutoff <sup>2</sup>  | 347 <sup>4,5</sup> | SPUMBA Square pole universal mounting adaptor <sup>6</sup>                   |
|          |                       | P11 <sup>1</sup>      | P13 <sup>1</sup> | TFTM         | Forward throw medium | RCC0           | Right corner cutoff <sup>2</sup> | 480 <sup>4,5</sup> | RPUMBA Round pole universal mounting adaptor <sup>6</sup>                    |
|          |                       |                       |                  |              |                      |                | <b>Shipped separately</b>        |                    | KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) <sup>7</sup> |
|          |                       |                       |                  |              |                      |                |                                  |                    |  |
|          |                       |                       |                  |              |                      |                |                                  |                    |  |

### Control options

|   |
|---|
| <b>Shipped installed</b>  |
| NLTAIR2 nLight AIR generation 2 enabled <sup>8</sup>  |
| PIRHN Network, high/low motion/ambient sensor <sup>9</sup>  |
| PER NEMA twist-lock receptacle only (controls ordered separate) <sup>10</sup>                                       |
| PER5 Five-pin receptacle only (controls ordered separate) <sup>10,11</sup>  |
| PER7 Seven-pin receptacle only (controls ordered separate) <sup>10,11</sup>   |
| DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) <sup>12</sup> |
| DS Dual switching <sup>12,13,14</sup>   |

|          |   |
|----------|---|
| PIR      | High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc <sup>15,16</sup>  |
| PIRH     | High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc <sup>15,16</sup> |
| PIR1FC3V | High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>15,16</sup>  |
| PIR1FC3V | Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>15,16</sup> |
| FAO      | Field adjustable output <sup>14</sup>   |

Catalog  
Number  
Notes  
Type

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

### 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.

### Other options

### Finish (required)

|  |                                  |
|--|----------------------------------|
| <b>Shipped installed</b>                     | DDBXD Dark bronze                |
| HS House-side shield <sup>17</sup>           | DBLXD Black                      |
| SF Single fuse (120, 277, 347V) <sup>4</sup> | DNAXD Natural aluminum           |
| DF Double fuse (208, 240, 480V) <sup>4</sup> | DWHD White                       |
| L90 Left rotated optics <sup>1</sup>         | DDBTXD Textured dark bronze      |
| R90 Right rotated optics <sup>1</sup>        | DBLBXD Textured black            |
| <b>Shipped separately</b>                    | DNATXD Textured natural aluminum |
| BS Bird spikes <sup>18</sup>                 | DWHGXD Textured white            |
| EGS External glare shield <sup>18</sup>      |                                  |



## Ordering Information

### Accessories

Ordered and shipped separately.

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

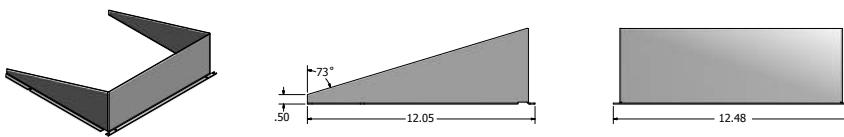
For more control options, visit [DTL](#) and [ROAM](#) online.

### 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.
- Not available in P1 or P10.
- 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<sup>®</sup> node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Node with integral dimming.
- Provides 50/50 fixture operation via (2) independent drivers. Not available with PER, PERS, 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 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, PERS or PER7 option. See PER Table on page 3.
- For retrofit use only.

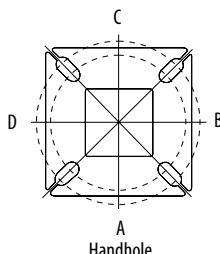
## Options

### EGS - External Glare Shield



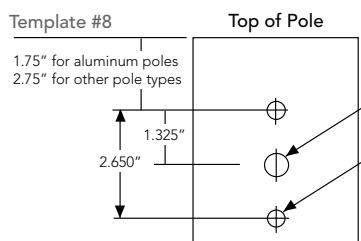
## Drilling

### 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 |           |           |



| 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           |

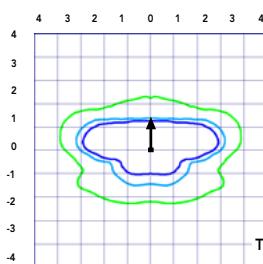
|         | Drilling Template | Minimum Acceptable Outside Pole Dimension |        |      |      |      |      |
|---------|-------------------|---|--------|------|------|------|------|
| SPA     | #8                | 2-7/8"                                    | 2-7/8" | 3.5" | 3.5" | 3"   | 3.5" |
| 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"   |
| RUPUMBA | #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](#).

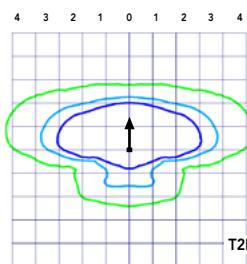
Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (25').

**LEGEND**



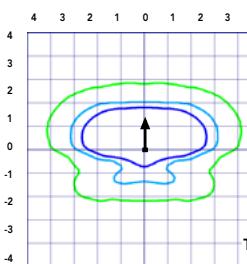
Test No. LT23211 tested in accordance with IESNA LM-79-08.

T1S



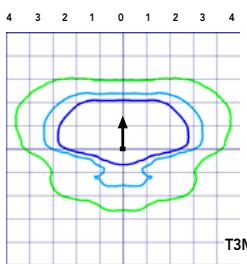
Test No. LT23164B tested in accordance with IESNA LM-79-08.

T2M



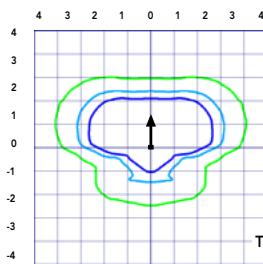
Test No. LT23222 tested in accordance with IESNA LM-79-08.

T2S



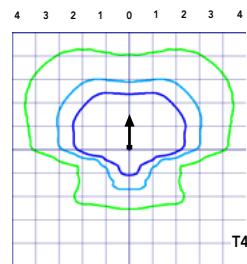
Test No. LT23271 tested in accordance with IESNA LM-79-08.

T3M



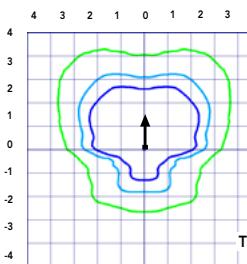
Test No. LT23211 tested in accordance with IESNA LM-79-08.

T3S



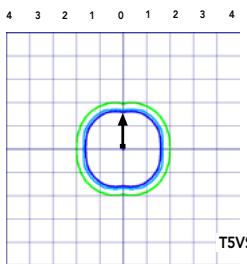
Test No. LT23164B tested in accordance with IESNA LM-79-08.

T4M



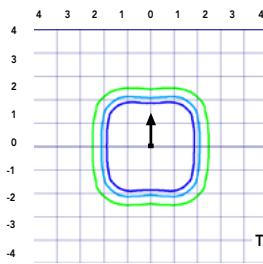
Test No. LT23222 tested in accordance with IESNA LM-79-08.

TFTM



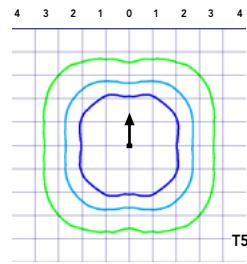
Test No. LT23271 tested in accordance with IESNA LM-79-08.

T5VS



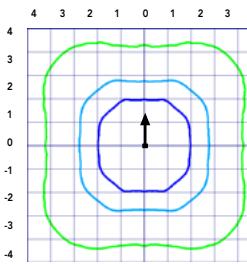
Test No. LT232211 tested in accordance with IESNA LM-79-08.

T5S



Test No. LT23164B tested in accordance with IESNA LM-79-08.

T5M

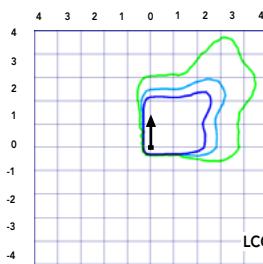


Test No. LT23222 tested in accordance with IESNA LM-79-08.

T5W

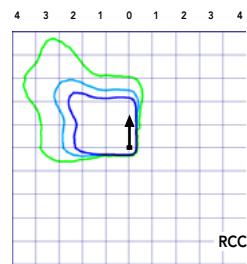
Test No. LT23271 tested in accordance with IESNA LM-79-08.

BLC



Test No. LT23211 tested in accordance with IESNA LM-79-08.

LCCO



Test No. LT23164B tested in accordance with IESNA LM-79-08.

RCCO

## 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        | 50°F        | 1.02             |
| 20°C        | 68°F        | 1.01             |
| <b>25°C</b> | <b>77°F</b> | <b>1.00</b>      |
| 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                     |

### 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 |

### 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.

### Controls Options

| Nomenclature  |  | Description   |  | Functionality   |  | Primary control device  |  | Notes  |  |
|---------------|--|---|--|---|--|---|--|--|--|
| FAO           |  | 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.  |  | FAO 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 SBOR  |  | 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 CLARiTy 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |                      |   |   |   |     |

## 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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 |
|                |               |               |              | T5VS       | 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 |
|                |               |               |              | T5W        | 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  |

## A+ 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 interoperability<sup>1</sup>
- 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**<sup>1</sup>

To learn more about A+, visit [www.acuitybrands.com/aplus](http://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 ft<sup>2</sup>) 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 Eclypse. 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](http://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](http://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.



|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |

Contractor Select™

# OLWX LED

## Wall Pack

The OLWX LED wall packs are energy-saving, long-life replacements for traditional metal halide wallpacks. The OLWX family is compact and powerful, delivering up to 18,200 lumens. The OLWX1 and OLWX2 offer several mounting options that provide versatility to meet your applications' needs.

### FEATURES:

- Replaces 70W - 400W HID lamps, saves 85% energy
- IP65 rated - perfect for outdoor environments even when shining upward or downward. Back box accessory available for conduit wiring
- Yoke and slip fitter accessories - can be used as a wall pack or flood light



| Catalog Number           | UPC          | Description | Replaces Up To    | Lumens | Wattage | CCT   | Voltage  | Finish      | Pallet qty. |
|--------------------------|--------------|-------------|-------------------|--------|---------|-------|----------|-------------|-------------|
| OLWX1 LED 13W 40K M4     | 888791000115 | WALL PACKS  | 70W METAL HALIDE  | 1,289  | 14W     | 4000K | 120-277V | DARK BRONZE | 60          |
| OLWX1 LED 20W 40K M4     | 888791000184 | WALL PACKS  | 175W METAL HALIDE | 2,663  | 20W     | 4000K | 120-277V | DARK BRONZE | 60          |
| OLWX1 LED 40W 40K M4     | 888791000696 | WALL PACKS  | 250W METAL HALIDE | 4,079  | 37W     | 4000K | 120-277V | DARK BRONZE | 60          |
| OLWX2 LED 90W 40K DDB M2 | 888791000818 | WALL PACKS  | 400W METAL HALIDE | 10,000 | 78W     | 4000K | 120-277V | DARK BRONZE | 60          |

More configurations are available. [Click here](#) or visit [www.acuitybrands.com](http://www.acuitybrands.com) and search for OLWX LED.

| Accessories: Order as separate catalog number. |                     |
|--|---------------------|
| OLWX1TS  | Slipfitter – size 1 |
| OLWX1YK  | Yoke – size 1       |
| OLWX1THK                                       | Knuckle – size 1    |
| OLWX2TS  | Slipfitter – size 2 |
| OLWX2YK  | Yoke – size 2       |



## Specifications

### INTENDED USE:

The versatility of the OLWX1 LED combines a sleek, low-profile wall pack design with energy efficient, low maintenance LEDs for replacing up to 400W metal halide fixtures. Mounting accessories are available to convert the OLWX1 LED into an energy efficient flood light.

The versatile design of the OLWX2 LED combines a sleek, low-profile wall pack and high-output LEDs to provide an energy efficient, low maintenance LED wall pack suitable for replacing up to 400W metal halide luminaires. Available floodlight mounting accessories convert the OLWX2 LED into a highly efficient floodlight.

### CONSTRUCTION:

Cast-aluminum housing with textured dark bronze polyester powder paint for durability. Integral heat sinks optimize thermal management through conductive and convective cooling. LEDs are protected behind a glass lens. Housing is sealed against moisture and environmental contaminants (IP65 rated). See Lighting Facts label and photometry reports for details.

### ELECTRICAL:

Light engine consists of high-efficiency Chip On Board (COB) LED with integrated circuit board mounted directly to the housing to maximize heat dissipation and promote long life (L73/100,000 hours at 25°C). Electronic drivers have a power factor >90% and THD <20% and a minimum 2.5kV surge rating. Flood light mounting accessories include an additional 6kV surge protection device. LEDs are available in 4000K and 5000K CCTs.

### INSTALLATION

Easily mounts to recessed junction boxes with the included wall mount bracket, or for surface mounting and conduit entry - with the included junction box with five 1/2" threaded conduit entry hubs. Flood light mounting accessories (sold separately) include knuckle, integral slipfitter and yoke mounting options. Each flood mount accessory comes with a top visor and vandal guard. Luminaire may be wall or ground mounted in downward or upward orientation.

### LISTINGS:

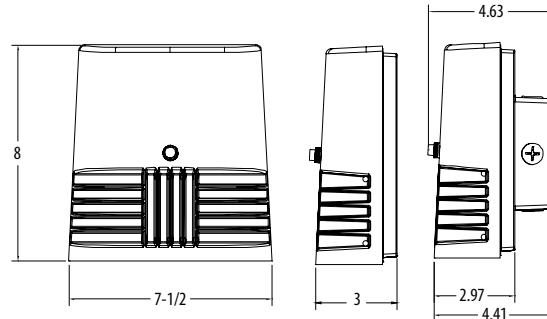
UL Listed to U.S. and Canadian safety standards for wet locations. Rated for -40° C minimum ambient. Tested in accordance with IESNA LM-79 and LM-80 standards. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### WARRANTY:

5-year limited warranty. Complete warranty terms located at:  
[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://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.

## Dimensions



### OLWX1

Width: 7-1/2"(19cm)

Height: 8"(20.3cm)

Depth: 3"(7.62cm)

Weight: 5lbs(2.27kg)

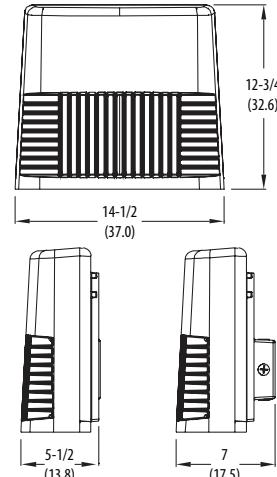
### OLWX2

Width: 14-1/2"(37.0cm)

Height: 12-3/4"(37.0cm)

Depth: 5-1/2"(13.8cm)

Weight: 15.4lbs(6.9kg)

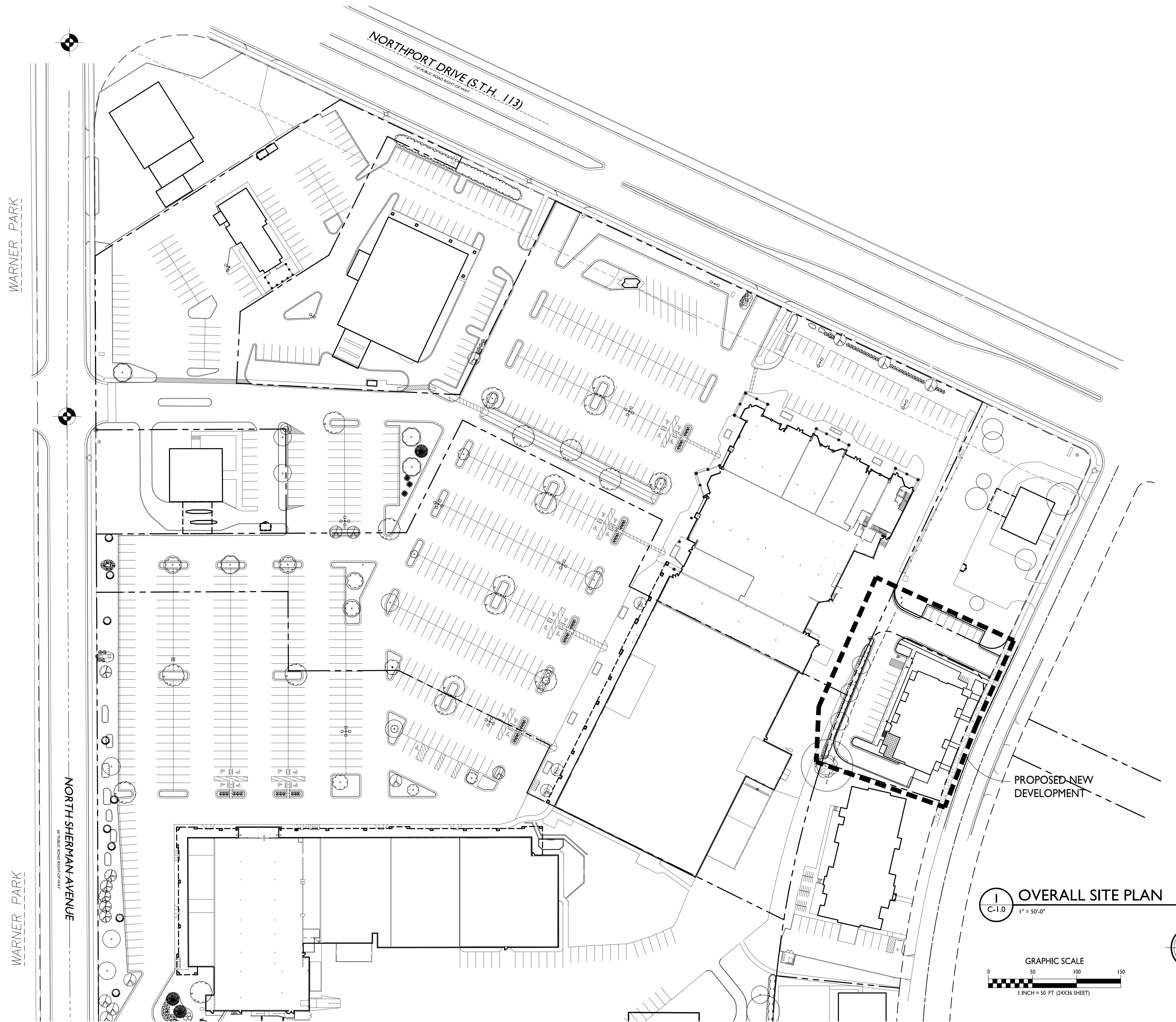


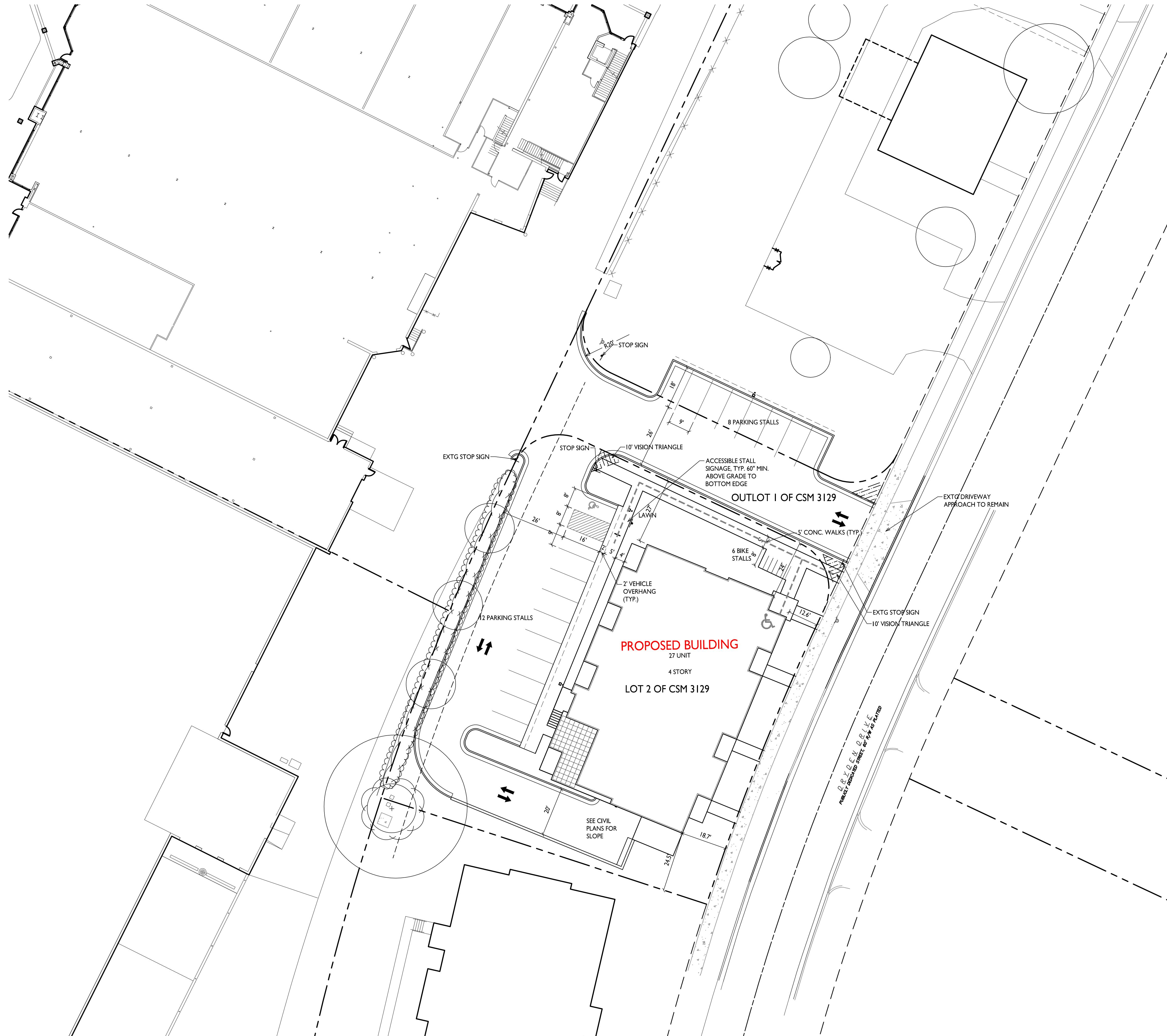
All dimensions are inches (centimeters) unless otherwise indicated.



ACROSS FROM SITE

Surrounding Buildings  
2830 Dryden Dr.  
June 12, 2019





| SHEET INDEX   |                                |
|---------------|--------------------------------|
| SITE          | OVERALL PLAN                   |
| C-1.0         | SITE PLAN                      |
| C-1.1         | SITE LIGHTING PLAN             |
| C-1.2         | FIRE DEPARTMENT ACCESS PLAN    |
| C-1.3         | USABLE OPEN SPACE              |
| C-1.4         | LOT COVERAGE                   |
| C-1.5         |                                |
| C-1.0         | EXISTING CONDITIONS            |
| C-2.0         | DEMOLITION PLAN                |
| C-3.0         | GRADING & EROSION CONTROL PLAN |
| C-4.0         | UTILITY 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              |
| A-1.5         | ROOF PLAN                      |
| A-2.1         | ELEVATIONS                     |
| A-2.2         | ELEVATIONS - RENDERED          |
| A-2.3         | RENDERED PERSPECTIVE           |
| A-2.4         | RENDERED PERSPECTIVE           |

| SITE DEVELOPMENT DATA:    |                         |
|---------------------------|-------------------------|
| ZONING DISTRICT           | = CC-T                  |
| DENSITIES:                |                         |
| LOT AREA                  | 22,065 SF / .5 ACRES    |
| DWELLING UNITS            | 27 DU                   |
| LOT AREA / D.U.           | 817 SF / UNIT           |
| DENSITY                   | 54 UNITS/ACRE           |
| USABLE OPEN SPACE         | 5,759 S.F.              |
| LOT COVERAGE              | 14,621 S.F. = 66%       |
| BUILDING HEIGHT           | 4 STORIES               |
| DWELLING UNIT MIX:        |                         |
| ONE BEDROOM               | 20                      |
| TWO BEDROOM               | 7                       |
| TOTAL DWELLING UNITS      | 27                      |
| VEHICLE PARKING:          |                         |
| UNDERGROUND/ COVERED      | 19 STALLS               |
| OUTLOT I                  | 8 STALLS                |
| SURFACE                   | 12 STALLS               |
| TOTAL                     | 39 STALLS               |
| BICYCLE PARKING:          |                         |
| UNDERGROUND GARAGE - WALL | 5 STALLS (COVERED)      |
| UNDERGROUND/STD. 2X6'     | 19 STALLS (COVERED)     |
| SURFACE RESIDENTIAL       | 3 STALL                 |
| SURFACE GUEST             | 3 STALLS (10% OF UNITS) |
| TOTAL                     | 30 STALLS               |

**ISSUED**  
Issued for UDC Informational - May 29, 2019  
Issued for Land Use Submittal - June 12, 2019

**PROJECT TITLE**  
**Sherman Plaza**

**2830 Dryden Drive**  
**Madison, Wisconsin**

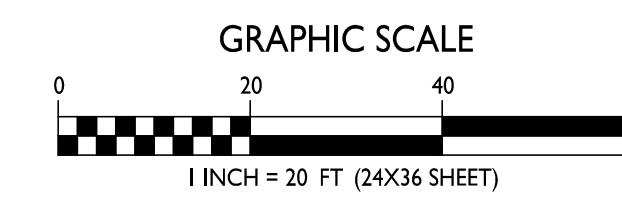
**SHEET TITLE**  
**Site Plan**

**SHEET NUMBER**

**C-1.1**

**PROJECT NO.**  
**1912**

© Knothe & Bruce Architects, LLC



GRAPHIC SCALE

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**ISSUED**

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PROJECT TITLE  
**Sherman Plaza**

2830 Dryden Drive  
Madison, Wisconsin

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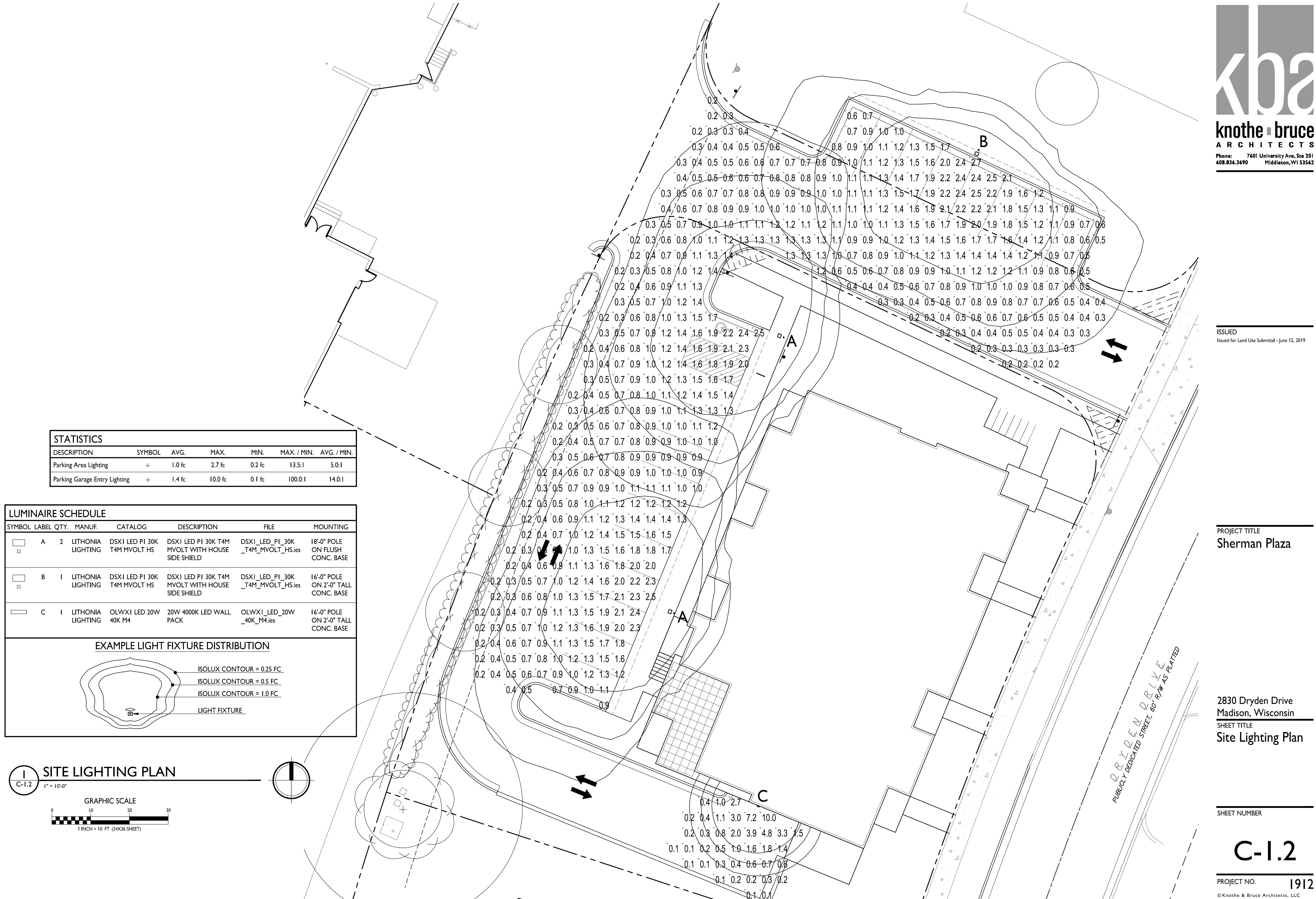
# Site Lighting Plan

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**SHEET NUMBER**

---

**PROJECT NO.** 191



**ISSUED**  
Issued for Land Use Submittal - June 12, 2019

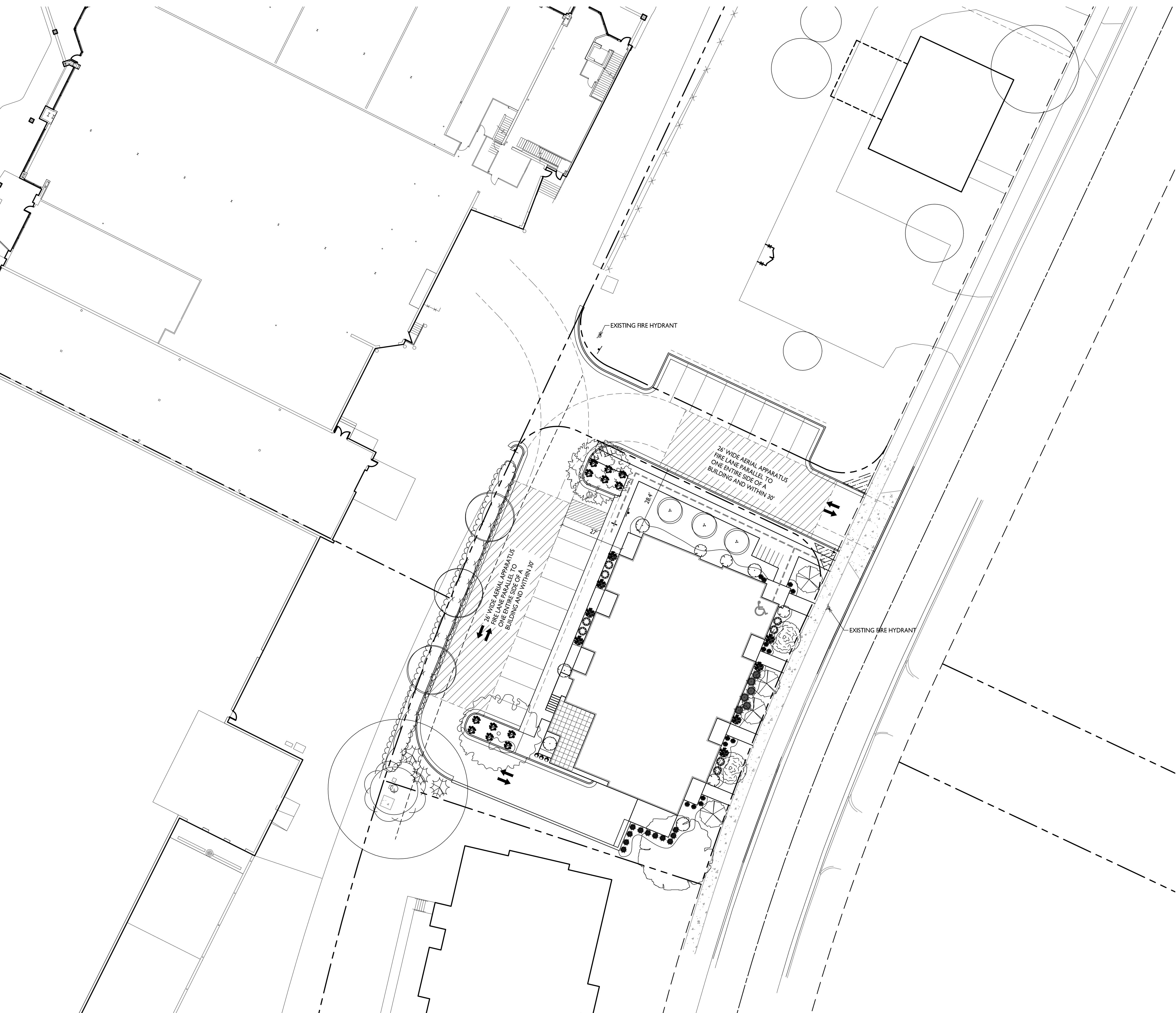
**PROJECT TITLE**  
**Sherman Plaza**

**2830 Dryden Drive**  
**Madison, Wisconsin**  
**SHEET TITLE**  
**Fire Department**  
**Access Plan**

**SHEET NUMBER**

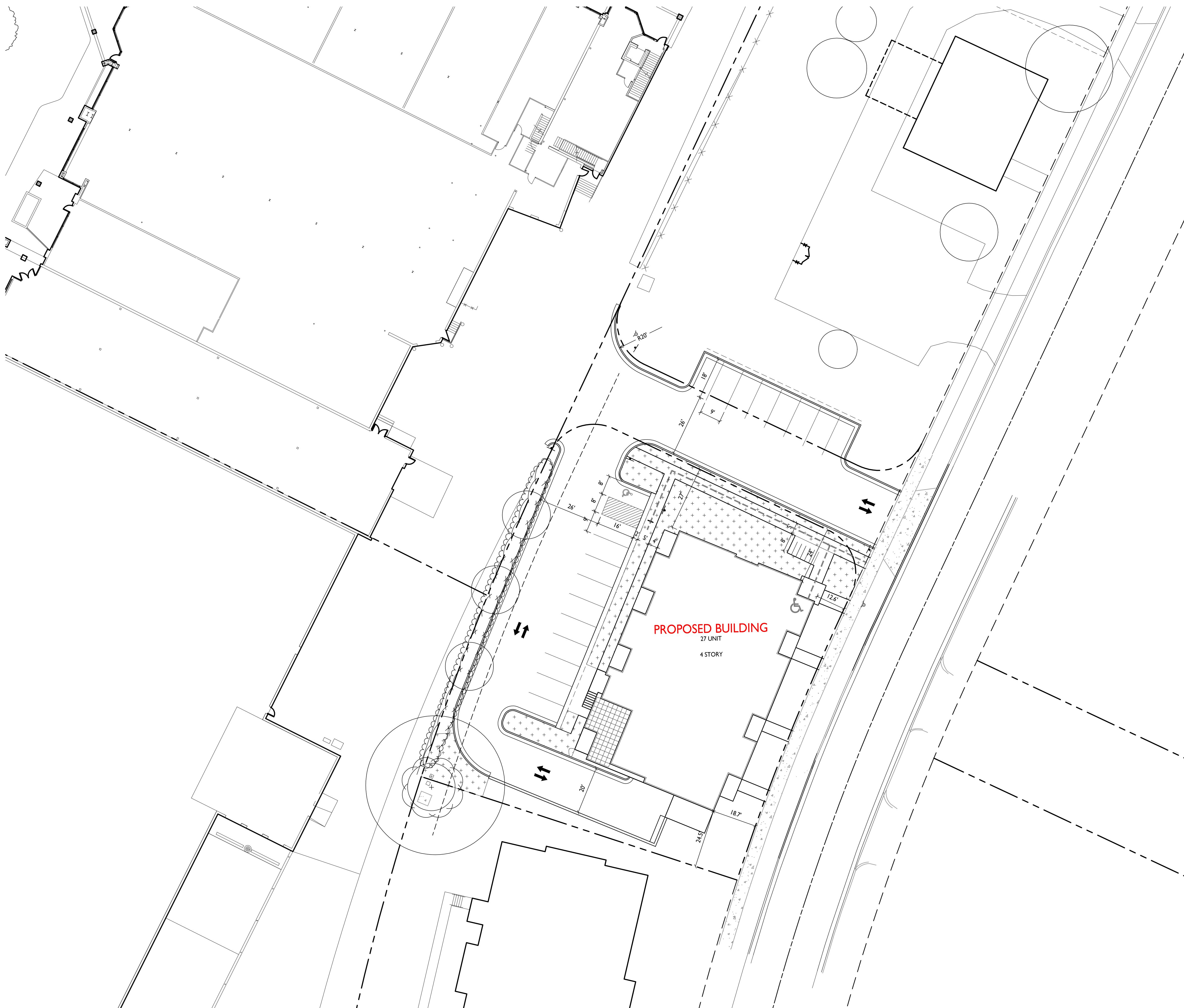
**C-1.3**

**PROJECT NO.**  
**1912**



**FIRE DEPARTMENT ACCESS PLAN**  
C-1.3 1" = 20'-0"

**GRAPHIC SCALE**  
0 20 40 60  
1 INCH = 20 FT (24X36 SHEET)



| USABLE OPEN SPACE    |   |
|----------------------|---|
| ZONING:              | CC-T                                    |
| REQUIRED OPEN SPACE: | 160 S.F. / 1 BDRM<br>320 S.F. / 2+ BDRM |
| DWELLING UNITS:      |   |
| 20 X 160 S.F. =      | 3,200 S.F.                              |
| 7 X 320 S.F. =       | 2,240 S.F.                              |
|                      | 5,440 S.F. OPEN SPACE REQUIRED          |
| OPEN SPACE PROVIDED: |   |
| BALCONIES:           | 27 X 54 S.F. = 1,458 S.F.               |
| ROOFDECK:            | 375 S.F.                                |
| SURFACE:             | 3,926 S.F.                              |
| TOTAL:               | 5,759 S.F.                              |

ISSUED  
Issued for Land Use Submittal - June 12, 2019

PROJECT TITLE  
Sherman Plaza

2830 Dryden Drive  
Madison, Wisconsin  
SHEET TITLE  
Usable Open  
Space

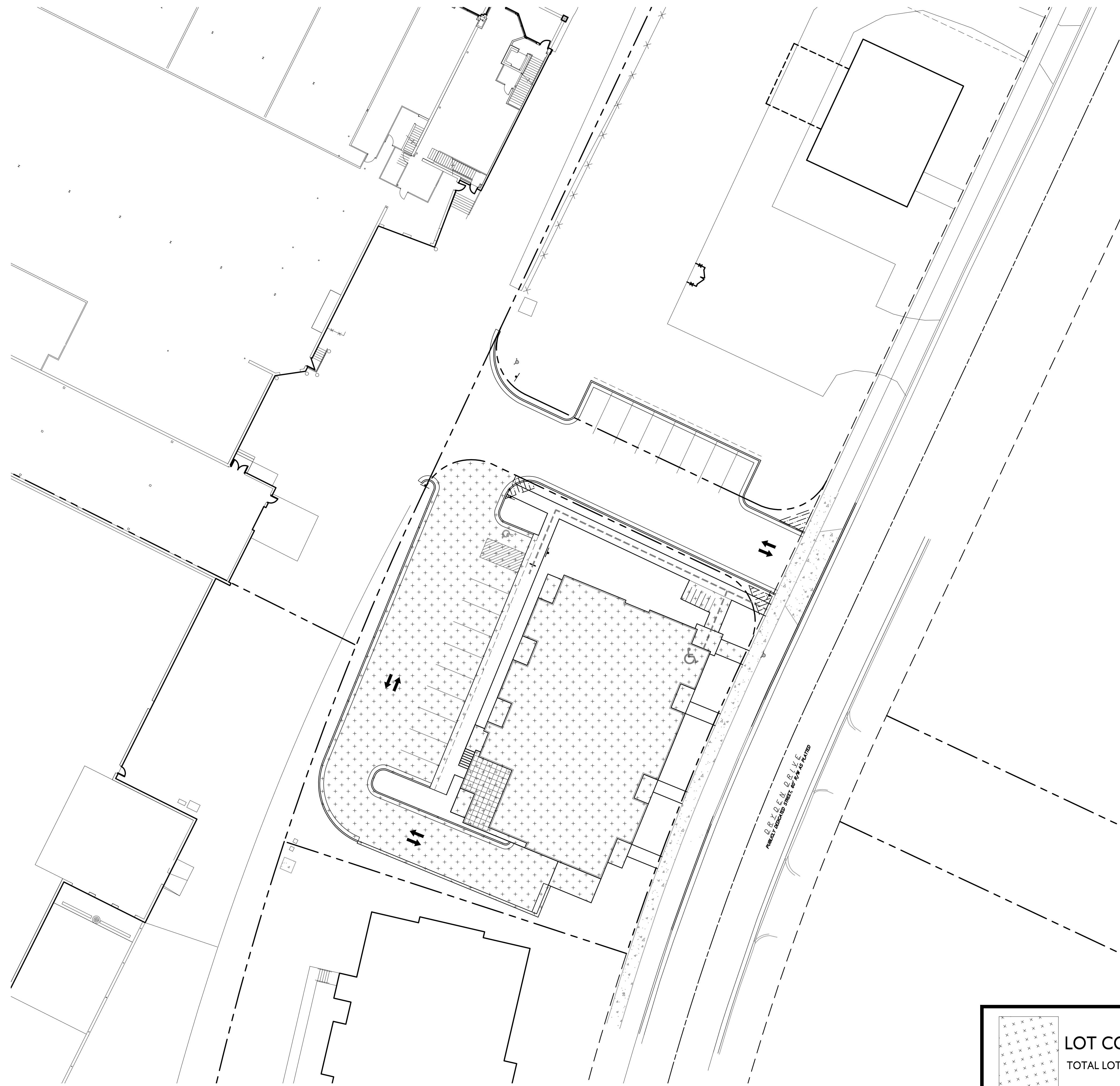
SHEET NUMBER

C-1.4

PROJECT NO.  
1912

1  
C-1.4  
1" = 20'-0"  
**USABLE OPEN SPACE**

GRAPHIC SCALE  
0 20 40 60  
1 INCH = 20 FT (24X36 SHEET)



**ISSUED**  
Issued for Land Use Submittal - June 12, 2019

**PROJECT TITLE**  
**Sherman Plaza**

**2830 Dryden Drive**  
**Madison, Wisconsin**  
**SHEET TITLE**  
**Lot Coverage**

**SHEET NUMBER**

**C-1.5**

**PROJECT NO.**  
**1912**

**LOT COVERAGE**  
C-1.5  
1" = 20'-0"

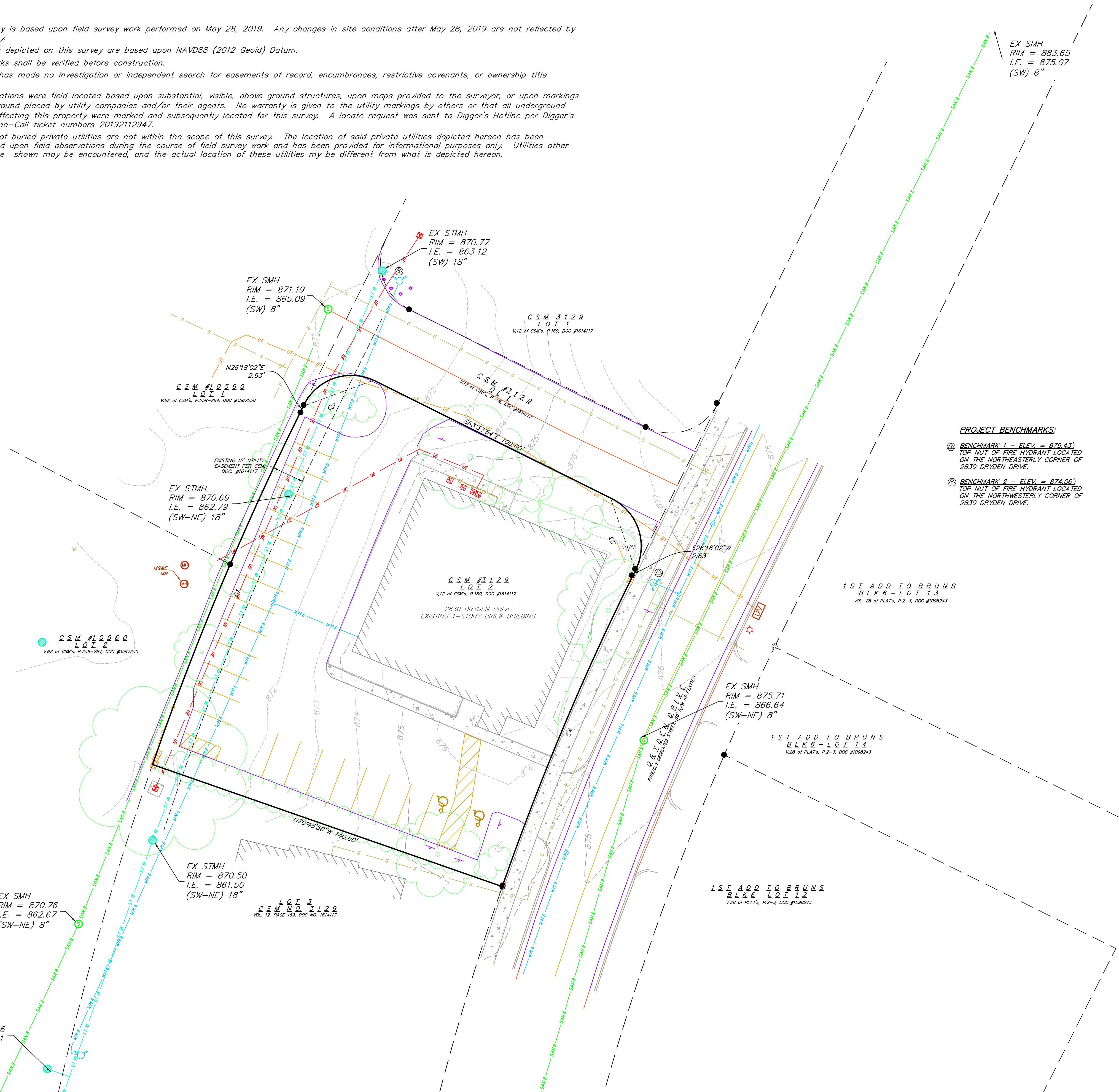
**GRAPHIC SCALE**  
0 20 40 60  
1 INCH = 20 FT (24X36 SHEET)

| <b>LOT COVERAGE</b>  |             |
|--|-------------|
| TOTAL LOT AREA   | 22,065 S.F. |
| BUILDING & PAVING COVERAGE:                                    | 14,621 S.F. |
| (TOTAL LOT AREA S.F. / COVERAGE S.F.) 66% (85% MAX. ALLOWABLE) |             |

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### NOTES:

1. This survey is based upon field survey work performed on May 28, 2019. Any changes in site conditions after May 28, 2019 are not reflected by this survey.
2. Elevations depicted on this survey are based upon NAVD88 (2012 Geoid) Datum.
3. Benchmarks shall be verified before construction.
4. Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, or ownership title evidence.
5. 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 numbers 20192112947.
6. 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.



### SURVEY LEGEND

FOUND 3/4" Ø IRON ROD  
FOUND 1" Ø IRON PIPE



## TOPOGRAPHIC LINework LEGEND

- UE** — EXISTING UNDERGROUND ELECTRIC LINE
- UT** — EXISTING UNDERGROUND TELEPHONE
- G** — EXISTING GAS LINE
-  EXISTING EDGE OF BUSHES
- SAN 8** — EXISTING 8" SANITARY SEWER LINE
- SAN** — EXISTING SANITARY SEWER LINE
- ST 18** — EXISTING 18" STORM SEWER LINE
- WM 8** — EXISTING 8" D.I. WATER MAIN
- — EXISTING MAJOR CONTOUR
- — — EXISTING MINOR CONTOUR
- PROPERTY BOUNDARY

## TOPOGRAPHIC HATCHING LEGEND

The diagram illustrates a cross-section of a sidewalk. It features a thick, light-colored rectangular base representing concrete, with a thin, dark layer on top representing asphalt. Within the concrete, several vertical lines of small circles represent rebar reinforcement. The overall structure is labeled with the text 'CONCRETE SIDEWALK' and '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 UNIDENTIFIED MANHOLE
- EXISTING UNIDENTIFIED UTILITY VAULT
- EXISTING TV PEDESTAL
- EXISTING TRANSFORMER
- EXISTING TELEPHONE PEDESTAL
- EXISTING SIGN
- EXISTING DECIDUOUS TREE
- BENCHMARK (SEE BENCHMARK NOTES)
- EXISTING BOLLARD
- EXISTING HANDICAP PARKING

CURVE TABLE

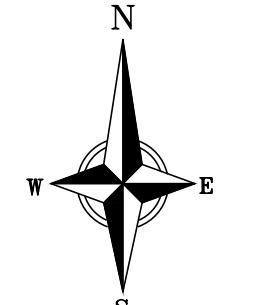
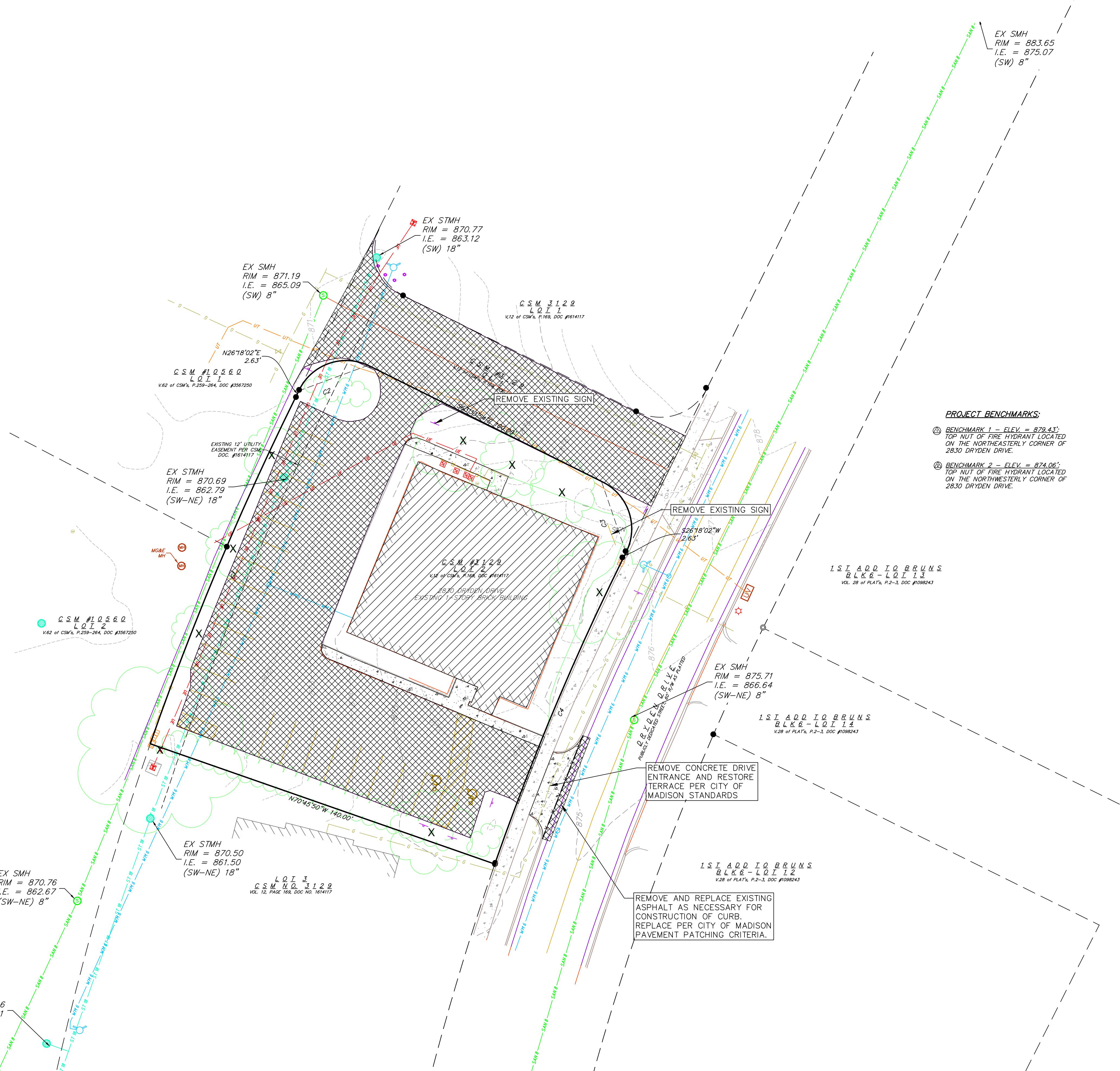
| CURVE TABLE  |            |          |               |                 |              |
|--------------|------------|----------|---------------|-----------------|--------------|
| CURVE NUMBER | ARC LENGTH | RADIUS   | CENTRAL ANGLE | CHORD DIRECTION | CHORD LENGTH |
| C1           | 144.42'    | 1163.93' | 7°06'34"      | N22°45'40"E     | 144.33       |
| C2           | 31.44'     | 20.00'   | 90°03'54"     | N69°50'18"E     | 28.30        |
| C3           | 32.25'     | 20.00'   | 92°23'13"     | S18°57'49"E     | 28.87        |
| C4           | 127.12'    | 1023.93' | 7°06'48"      | S22°45'32"W     | 127.04       |
| C5           | 217.48'    | 1023.93' | 12°10'10"     | S13°07'03"W     | 217.04       |
| C6           | 247.71'    | 1163.93' | 12°11'38"     | N13°06'34"E     | 247.22       |
| C7           | 31.54'     | 20.00'   | 90°21'29"     | N72°22'35"E     | 28.37        |
| C8           | 45.02'     | 963.93'  | 2°40'33"      | S24°58'40"W     | 45.01        |
| C9           | 81.18'     | 1163.93' | 3°59'45"      | N21°12'16"E     | 81.16        |
| C10          | 63.25'     | 1163.93' | 3°06'48"      | N24°45'33"F     | 63.24        |

# DIGGERS HOTLINE

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

|             |              |
|-------------|--------------|
| SCALE       | 24x36 - 1:20 |
|             | 11x17 - 1:40 |
| DATE        | 6/12/2019    |
| DRAFTER     | JNOR         |
| CHECKED     | JKAS         |
| PROJECT NO. | 190139       |
| SHEET       | 1 OF 4       |
| DWG. NO.    | C-1.0        |



GRAPHIC SCALE FEET



A graphic scale bar consisting of a black box divided into four segments. The first segment is a checkerboard pattern. The second segment is solid black. The third segment is white. The fourth segment is solid black. Below the scale bar are the numerical values 0, 10, 20, and 40.

0 10 20 40

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

## DEMOLITION PLAN LEGEND

|  |                           |
|--|---------------------------|
|  | CURB AND GUTTER REMOVAL   |
|  | ASPHALT REMOVAL           |
|  | CONCRETE REMOVAL          |
|  | BUILDING REMOVAL          |
|  | TREE REMOVAL              |
|  | SAWCUT                    |
|  | UTILITY STRUCTURE REMOVAL |
|  | UTILITY LINE REMOVAL      |

## PROJECT BENCHMARKS:

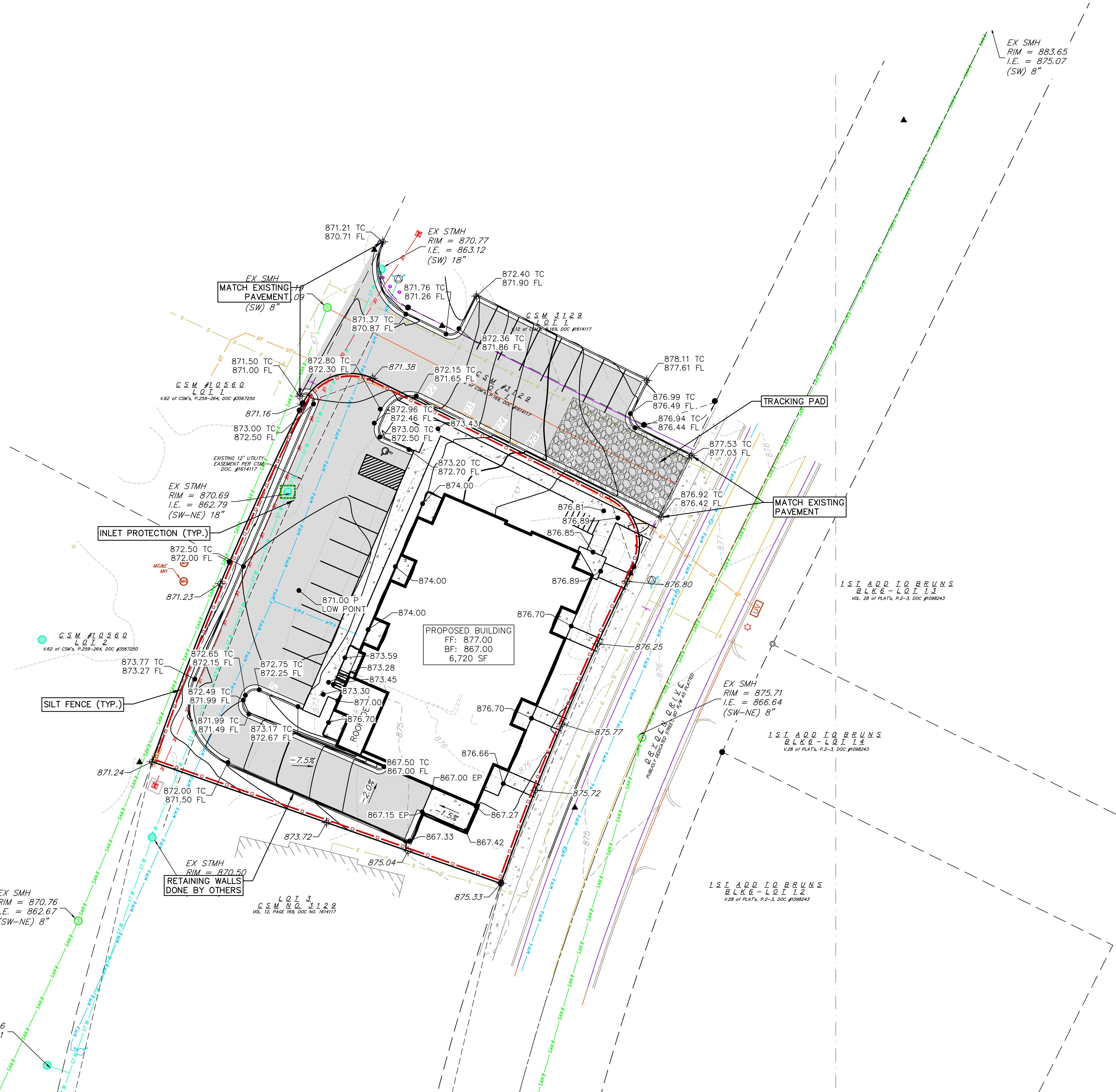
(1) BENCHMARK 1 - ELEV. = 879.43'  
 TOP NUT OF FIRE HYDRANT LOCATED  
 ON THE NORTHEASTERLY CORNER OF  
 2830 DRYDEN DRIVE.

(2) BENCHMARK 2 - ELEV. = 874.06'  
 TOP NUT OF FIRE HYDRANT LOCATED  
 ON THE NORTHWESTERLY CORNER OF  
 2830 DRYDEN DRIVE.

## NOTES:

1. CONTRACTOR SHALL KEEP ALL CITY STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
2. COORDINATE EXISTING UTILITY REMOVAL/ABANDONMENT WITH LOCAL AUTHORITIES AND UTILITY COMPANIES HAVING JURISDICTION.
3. ALL SAWCUTTING SHALL BE FULL DEPTH TO PROVIDE A CLEAN EDGE TO MATCH NEW CONSTRUCTION. MATCH EXISTING ELEVATIONS AT POINTS OF CONNECTION FOR NEW AND EXISTING PAVEMENT, CURB, SIDEWALKS, ETC. ALL SAWCUT LOCATIONS SHOWN ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO ACCOMMODATE CONDITIONS, JOINTS, MATERIAL TYPE, ETC. REMOVE MINIMUM AMOUNT NECESSARY FOR INSTALLATION OF PROPOSED IMPROVEMENTS.
4. CONTRACTOR SHALL PROVIDE AND SHALL BE RESPONSIBLE FOR ANY NECESSARY TRAFFIC CONTROL SIGNAGE AND SAFETY MEASURES DURING DEMOLITION AND CONSTRUCTION OPERATIONS WITHIN OR NEAR THE PUBLIC ROADWAY.
5. COORDINATE TREE REMOVAL WITH LANDSCAPE ARCHITECT. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY AND STUMPS SHALL BE GROUND TO 12" BELOW PROPOSED SUBGRADE. ALL BRUSH SHALL BE CLEARED/REMOVED WITHIN DISTURBANCE LIMITS.
6. ALL LIGHT POLES TO BE REMOVED FROM PRIVATE PROPERTY SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BASE AND ALL APPURTENANCES. COORDINATE ABANDONMENT OF ELECTRICAL LINES WITH ELECTRICAL ENGINEER AND OWNER OF SAID UTILITY PRIOR TO DEMOLITION.
7. THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.
8. CONTRACTOR SHALL OBTAIN ANY NECESSARY DEMOLITION AND UTILITY ABANDONMENT/PLUGGING PERMITS FROM THE LOCAL MUNICIPALITY/UTILITY AGENCY.
9. ANY DAMAGE TO THE CITY PAVEMENT, INCLUDING DAMAGE RESULTING FROM CURB REPLACEMENT, WILL REQUIRE RESTORATION IN ACCORDANCE WITH THE CITY ENGINEERING PAVEMENT PATCHING CRITERIA.
10. ALL WORK IN THE RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF MADISON ISSUED PLANS.

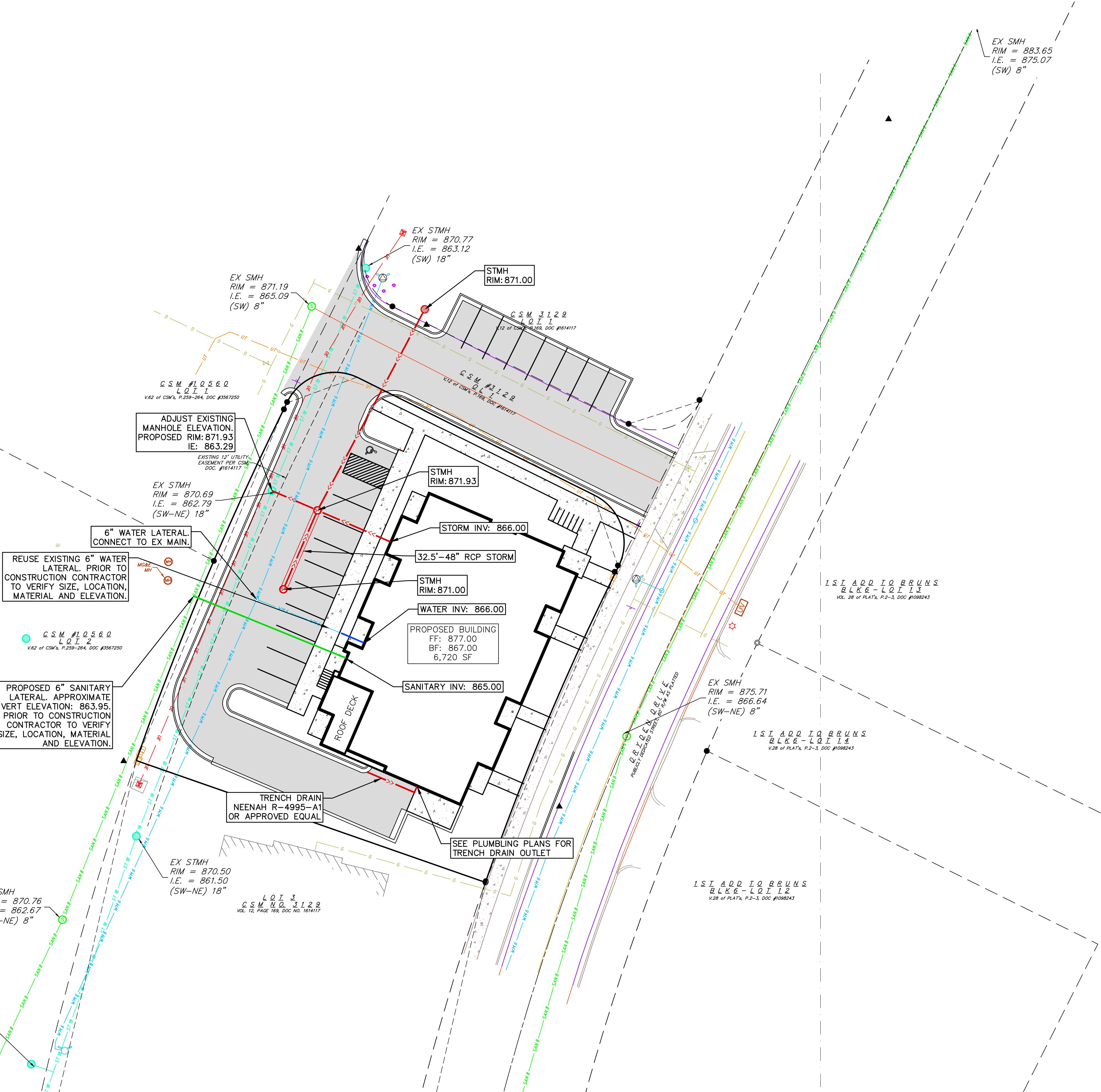
|               |  |  |
|---------------|--|--|
| NC            |  |  |
| SCALE         |  |  |
| 24x36 - 1: 20 |  |  |
| 11x17 - 1: 40 |  |  |
| DATE          |  |  |
| 6/12/2019     |  |  |
| DRAFTER       |  |  |
| JNOR          |  |  |
| CHECKED       |  |  |
| JKAS          |  |  |
| PROJECT NO.   |  |  |
| 190139        |  |  |
| SHEET         |  |  |
| 2 OF 4        |  |  |
| DWG. NO.      |  |  |
| C-2.0         |  |  |



# NOT FOR CONSTRUCTION

# Grading and Erosion 2830 Dryden Drive City of Madison Dane County, Wisconsin

| REVISIONS   |      |         | REVISION |      |          |
|-------------|------|---------|----------|------|----------|
| NO.         | DATE | REMARKS | NO.      | DATE | REVISION |
| SCALE       |      |         |          |      |          |
| 24x36       | —    | 1: 20   |          |      |          |
| 11x17       | —    | 1: 40   |          |      |          |
| DATE        |      |         |          |      |          |
| 6/12/2019   |      |         |          |      |          |
| DRAFTER     |      |         |          |      |          |
| JNOR        |      |         |          |      |          |
| CHECKED     |      |         |          |      |          |
| JKAS        |      |         |          |      |          |
| PROJECT NO. |      |         |          |      |          |
| 190139      |      |         |          |      |          |
| SHEET       |      |         |          |      |          |
| 3 OF 4      |      |         |          |      |          |
| DWG. NO.    |      |         |          |      |          |
| C-3.0       |      |         |          |      |          |



NOTES:

- CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT-OF WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING, ABANDONMENT, AND DRIVEWAY CONNECTION PERMITS PRIOR TO CONSTRUCTION.
- FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
- IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
- A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
- PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)d.
- PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)c.
- A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)h) AND SPS 382.40(8)k).
- EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)b).
- NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
- SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
- CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES PRIOR TO INSTALLING ANY ON-SITE UTILITIES OR STRUCTURES. CONTACT ENGINEER PRIOR TO INSTALLATION IF DISCREPANCY EXISTS WITHIN THESE PLANS.
- PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATIONS WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
- ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
- CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
- THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE OWNER AND THE ENGINEER DO NOT ASSUME RESPONSIBILITY IN THE EVENT THAT DURING CONSTRUCTION, UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED, AND THAT THE ACTUAL LOCATION OF THOSE WHICH ARE SHOWN MAY BE DIFFERENT FROM THE LOCATION AS SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING DIGGERS HOTLINE AND LOCATING ALL EXISTING UTILITIES AND ENSURING PROPER CLEARANCE OF NEW UTILITIES.

NOTES:

- THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.
- ALL WORK WITHIN THE CITY RIGHT-OF-WAY AND ALL PUBLIC IMPROVEMENTS TO SERVE THE PROJECT SHALL BE COMPLETED PER THE CITY OF MADISON ISSUED PLANS.



GRAPHIC SCALE FEET

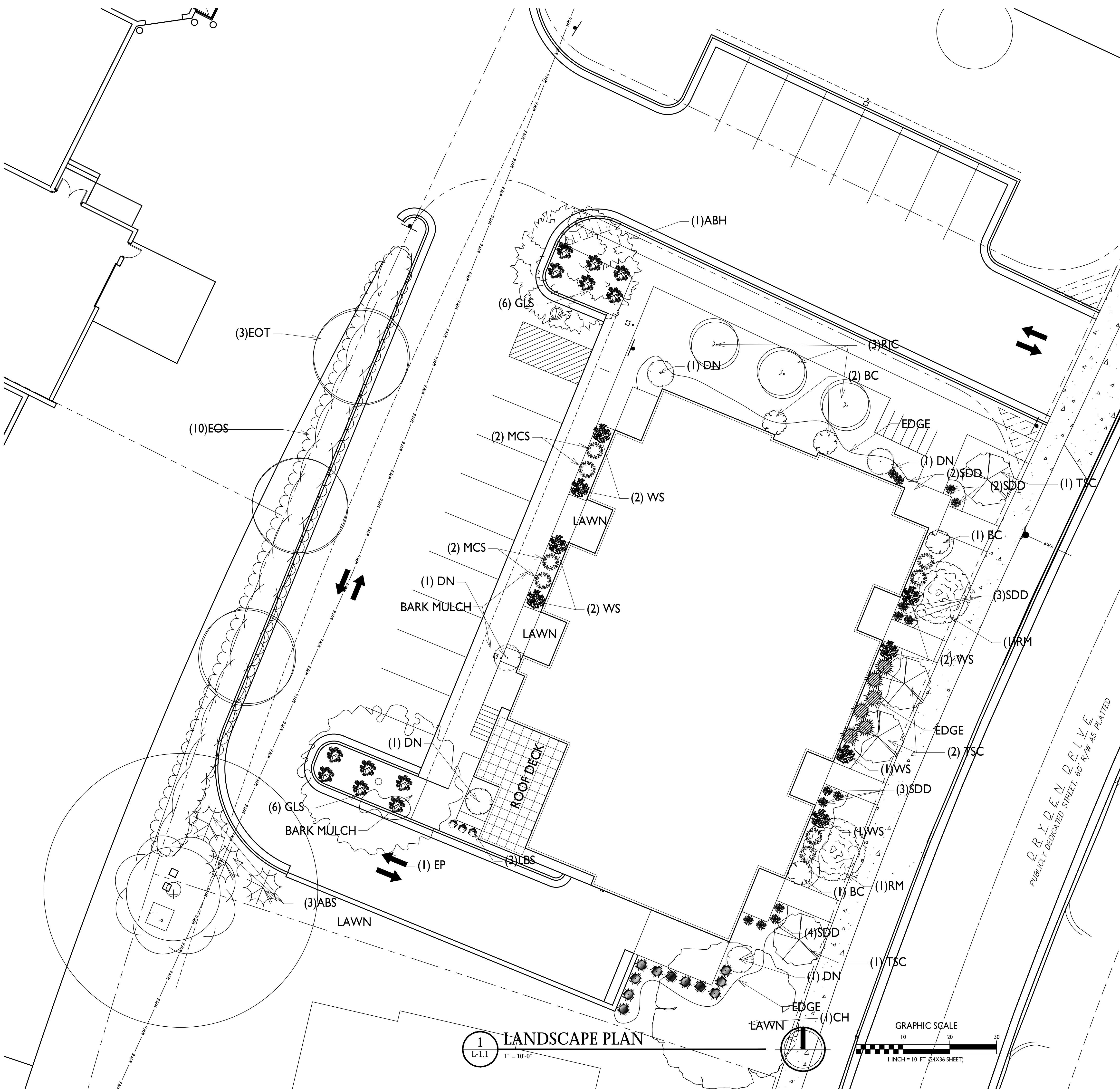
0 10 20 40

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

## Utility Plan

2830 Dryden Drive  
City of Madison  
Dane County, WisconsinSCALE  
24x36 - 1:20  
11x17 - 1:40DATE  
6/12/2019DRAFTER  
JNORCHECKED  
JKASPROJECT NO.  
190139SHEET  
4 OF 4DWG. NO.  
C-4.0

NOT FOR CONSTRUCTION



## LANDSCAPE WORKSHEET

Dryden D

**kba**

**knothe • bruce**  
A R C H I T E C T S

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

### **Landscape Points Required**

Developed Area =  
Landscape Points:  $9,213/300 \times 5 =$

#### Total Landscape Points Required

**Landscape Points Supplied**

Existing canopy trees - 0 @ 35 =  
Proposed canopy trees - 6 @ 35 =  
Existing evergreen trees - 0 @ 35 =  
Proposed evergreen trees - 0 @ 35 =  
Existing ornamental trees - 3 @ 15 =  
Proposed ornamental trees - 8 @ 15 =  
Existing upright evergreen shrubs - 0 @ 10 =  
Proposed upright evergreen shrubs - 0 @ 10 =  
Existing deciduous shrubs - 11 @ 3 =  
Proposed deciduous shrubs - 40 @ 3 =  
Existing evergreen shrubs - 0 @ 4 =  
Proposed evergreen shrubs - 0 @ 4 =  
Existing perennials & grasses 0 @ 2 =  
Proposed perennials & grasses 12 @ 2 =

0 points  
210 points  
0 points  
0 points  
45 points  
120 points  
0 points  
0 points  
33 points  
120 points  
0 points  
0 points  
0 points  
24 points

#### Total landscape points supplied =

**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."

|  |                  |
|--|------------------|
| <u>Dryden Drive</u> =                        | 150 LF           |
| Overstory trees required $150'/30' = 5$      | <u>5 trees</u>   |
| Shrubs required $(150'/30') \times 5 = 25.0$ | <u>25 shrubs</u> |
| Over story trees supplied                    | <u>4 trees</u>   |
| Ornamental/Evergreen trees supplied          | <u>4 trees</u>   |
| Shrubs supplied                              | <u>25 shrubs</u> |

## PLANT LIST

| KEY | QUAN      | SIZE   | COMMON NAME                    | ROOT |
|-----|-----------|--------|--------------------------------|------|
|     | <u>6</u>  |        | <b><u>Canopy trees</u></b>     |      |
| ABM | 1         | 2 1/2" | Autumn Blaze Maple             | BB   |
| CH  | 2         | 2 1/2" | Hackberry                      | BB   |
| EP  | 1         | 2 1/2" | Exclamation Planetree          | BB   |
| RM  | 2         | 2 1/2" | Red Maple                      | BB   |
|     | <u>9</u>  |        | <b><u>Ornamental trees</u></b> |      |
| EOT | 3         | 3" +   | Existing crab trees            | EX   |
| RJC | 4         | 1 1/2" | Red Jade Crab                  | BB   |
| TSC | 4         | 1 1/2" | Tina Sergeant Crab             | BB   |
|     | <u>4</u>  |        | <b><u>Deciduous shrubs</u></b> |      |
| ABS | 3         | 5'     | Autumn Brilliance Serviceberry | BB   |
| BC  | 4         | 24"    | Black Chokeberry               | Pot  |
| DBH | 11        | 24"    | Dwarf Bush Honeysuckle         | Pot  |
| DN  | 5         | 24"    | Diablo Ninebark                | Pot  |
| EDS | 10        | 6' +   | Existing deciduous shrubs      | EX   |
| GLS | 12        | 18"    | Gro Low Sumac                  | Pot  |
| MCS | 8         | 18"    | Magic Carpet Spirea            | Pot  |
| WS  | 8         | 24"    | White Snowberry                | Pot  |
|     | <u>21</u> |        | <b><u>Perennials</u></b>       |      |
| LBS | 9         | 1 G    | Little Bluestem Grass          | Con  |
| SDD | 12        | 1 G    | Stella de Oro Day Lily         | Con  |

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

PROJECT TITLE  
**Sherman Plaza**

**2830 Dryden Drive  
Madison, Wisconsin**

# SHEET TITLE

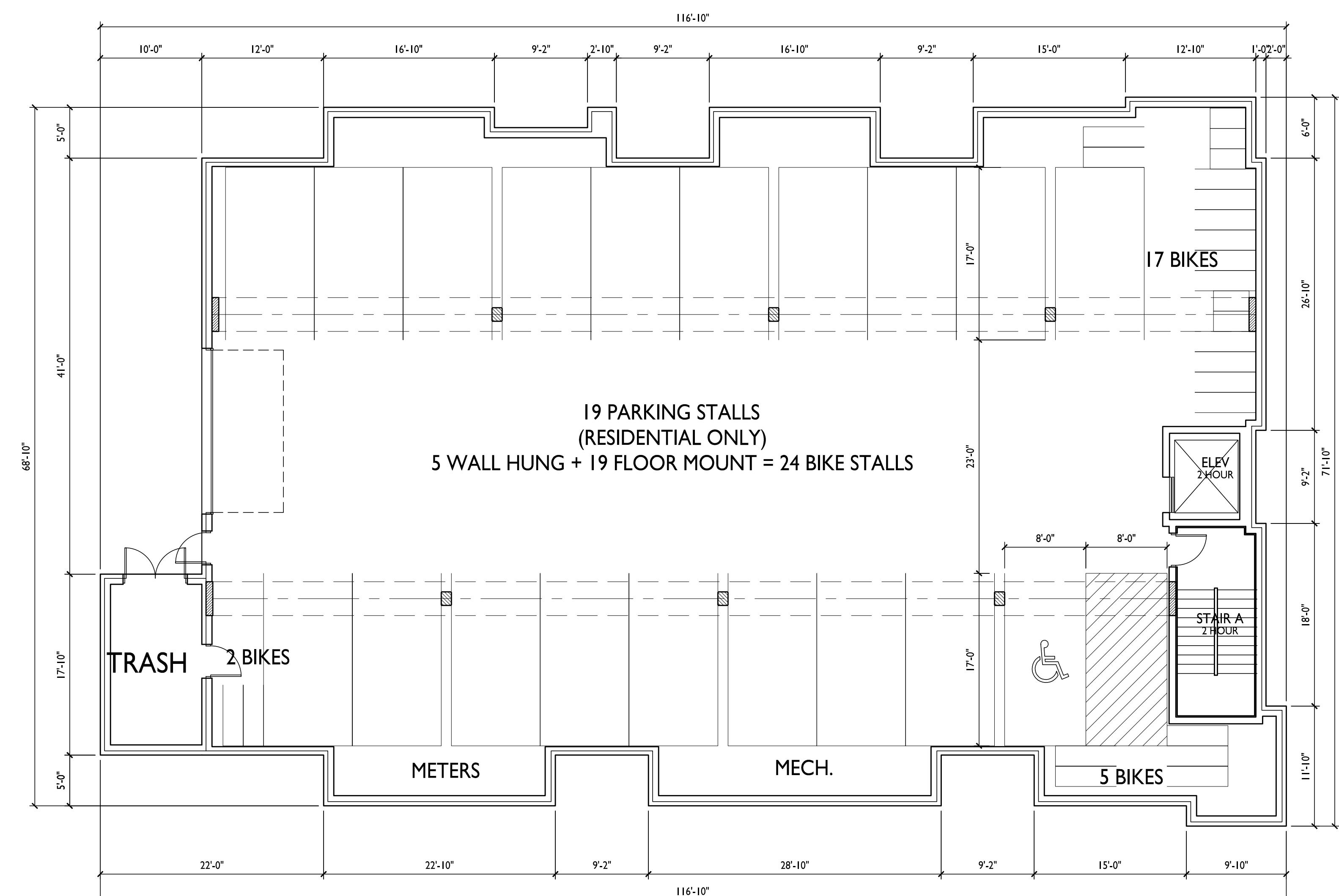
# Landscape Plan

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CLIEFT NIM

L-1.1

PROJECT NO. |

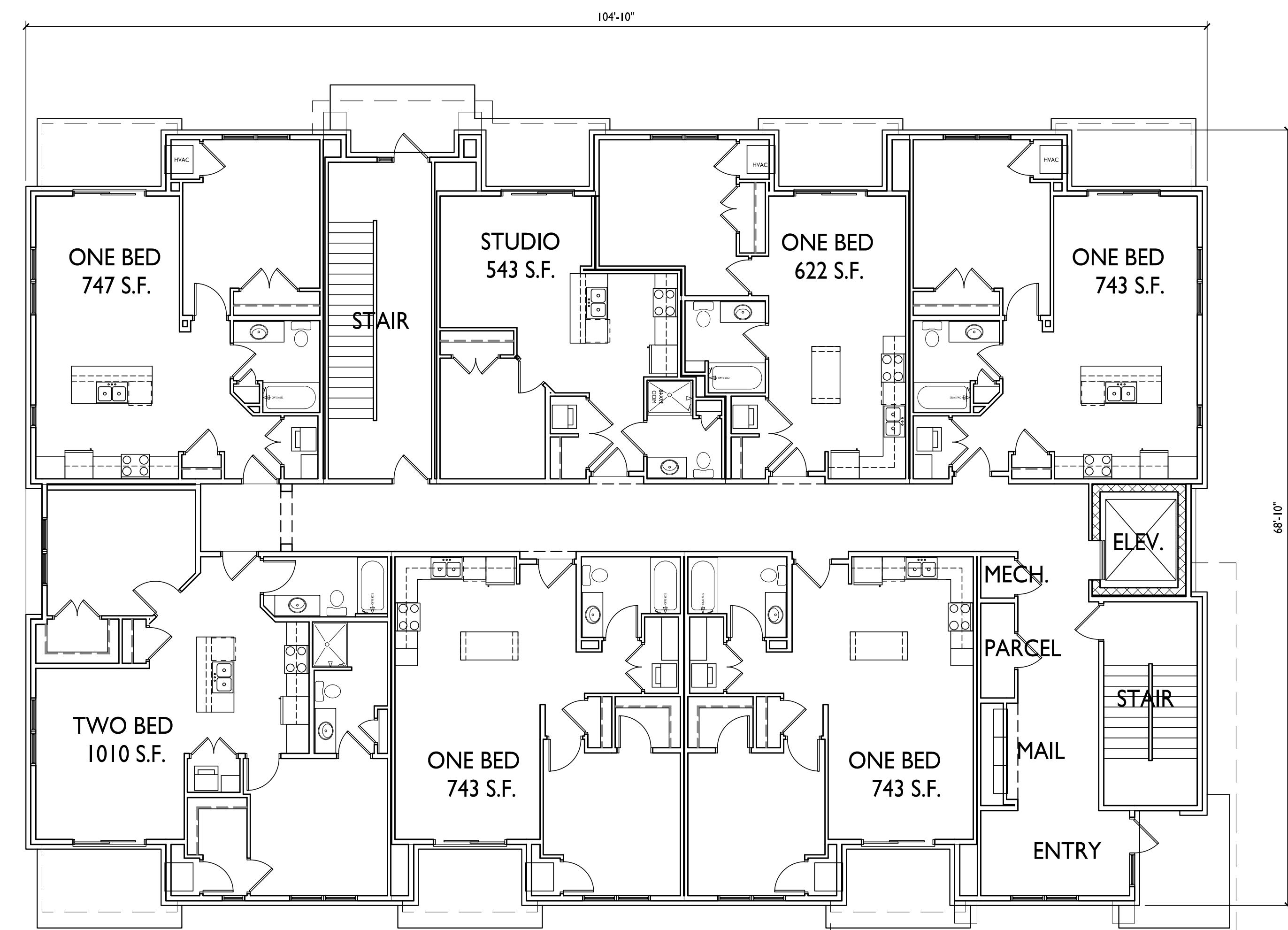

 PROJECT TITLE  
 Sherman Plaza

 2830 Dryden Drive  
 Madison, Wisconsin  
 SHEET TITLE  
 Basement Floor  
 Plan

SHEET NUMBER

A-1.0

 PROJECT NO. 1912  
 © Knothe & Bruce Architects, LLC



ISSUED  
Issued for Land Use Submittal - June 12, 2019

PROJECT TITLE  
**Sherman Plaza**

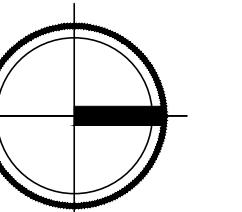
2830 Dryden Drive  
Madison, Wisconsin

SHEET TITLE  
First Floor Plan

SHEET NUMBER

**A-I.I**

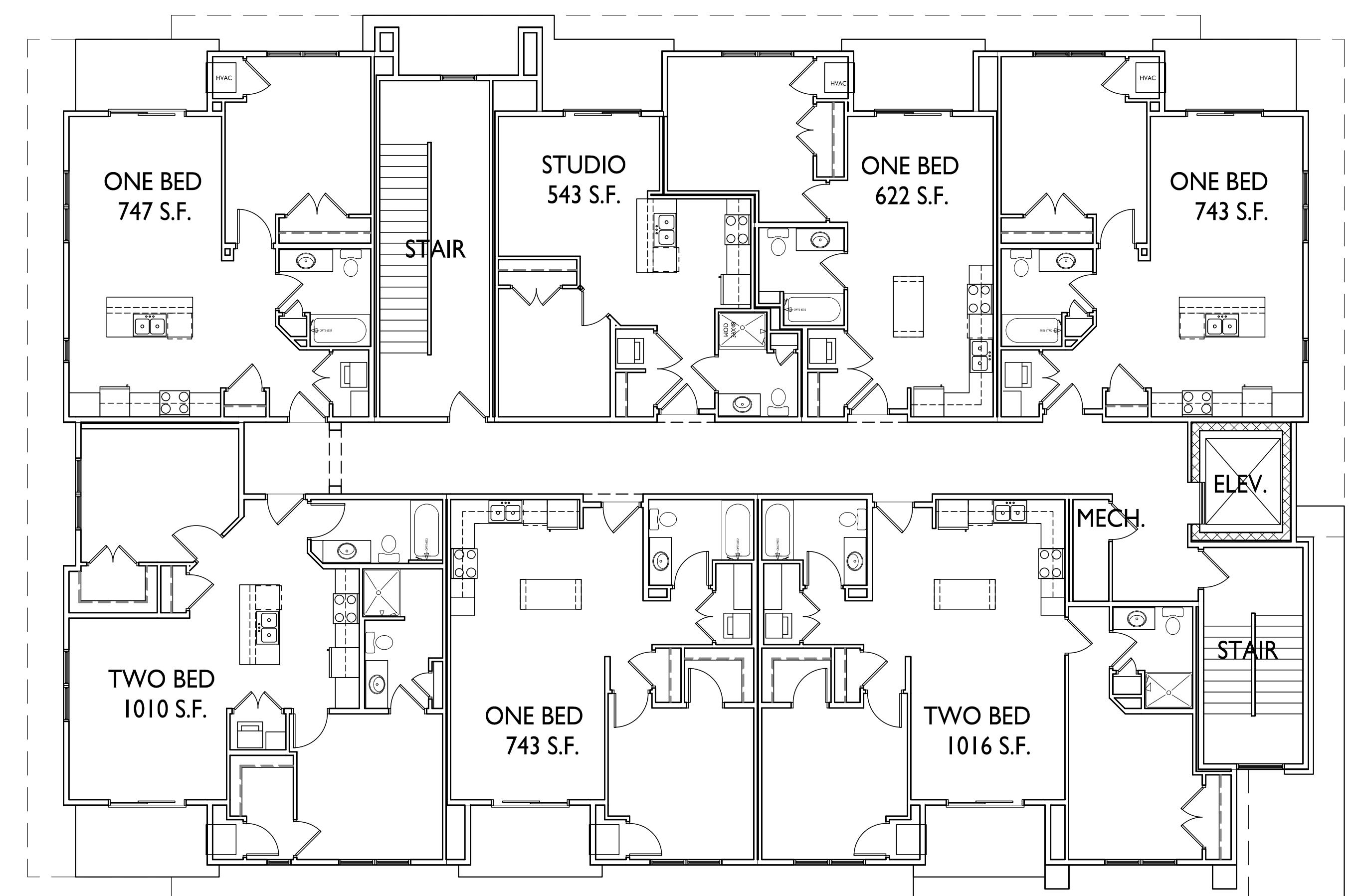
I FIRST FLOOR PLAN  
A-I.I 1/8" = 1'-0"



PROJECT NO.

**1912**

© Knothe & Bruce Architects, LLC



ISSUED  
Issued for Land Use Submittal - June 12, 2019

PROJECT TITLE  
**Sherman Plaza**

2830 Dryden Drive  
Madison, Wisconsin

SHEET TITLE  
**Second Floor Plan**

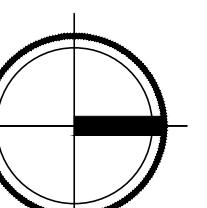
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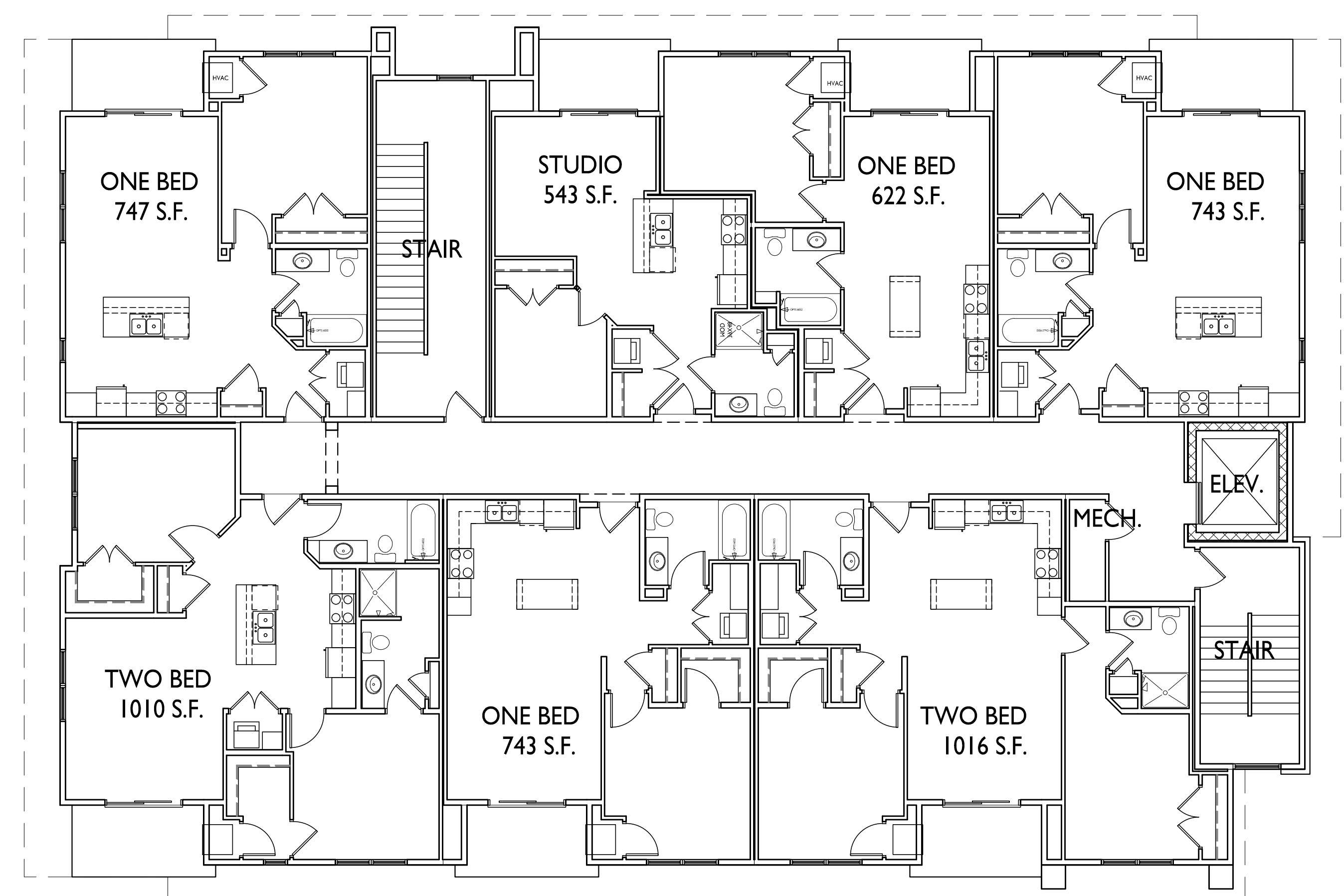
**A-1.2**

PROJECT NO.

**1912**

1  
A-1.2  
1/8" = 1'-0"





ISSUED  
Issued for Land Use Submittal - June 12, 2019

PROJECT TITLE  
**Sherman Plaza**

2830 Dryden Drive  
Madison, Wisconsin

SHEET TITLE  
Third Floor Plan

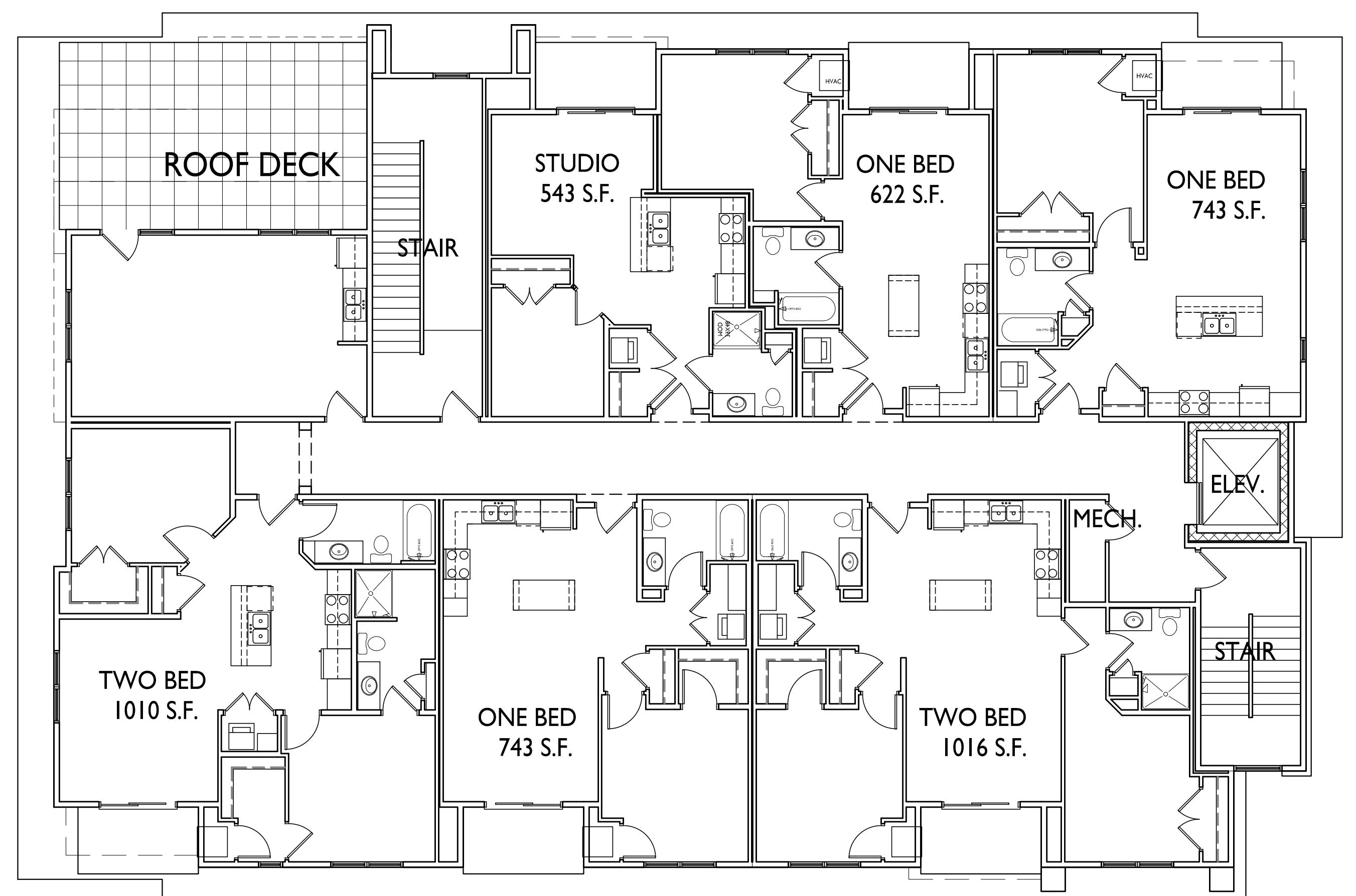
SHEET NUMBER

**A-1.3**

PROJECT NO.

**1912**

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



ISSUED  
Issued for Land Use Submittal - June 12, 2019

PROJECT TITLE  
Sherman Plaza

2830 Dryden Drive  
Madison, Wisconsin

SHEET TITLE  
Fourth Floor Plan

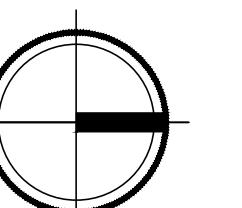
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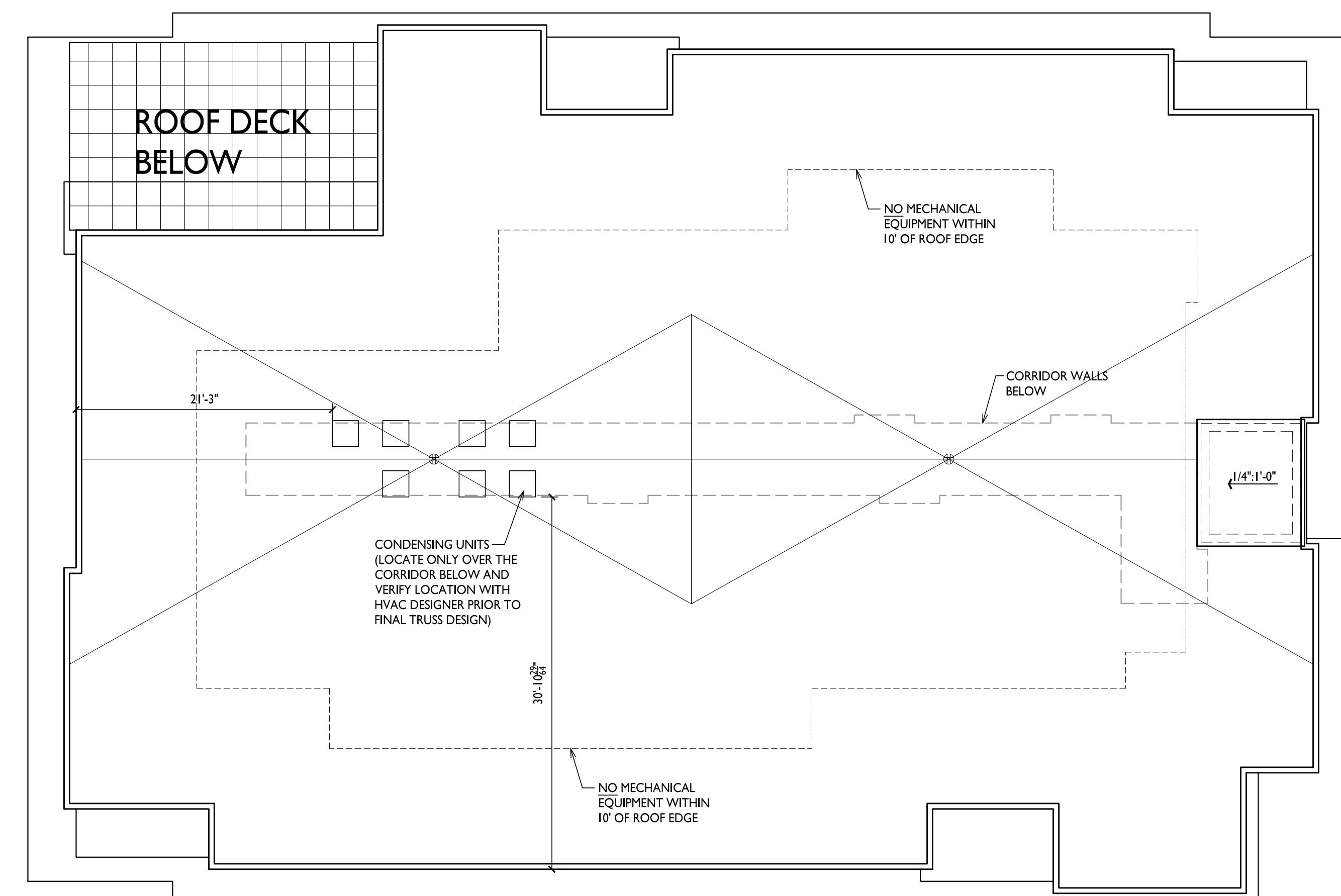
PROJECT NO.

**1912**

1  
A-1.4 1/8" = 1'-0"  
FOURTH FLOOR PLAN



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PROJECT TITLE  
**Sherman Plaza**

2830 Dryden Drive  
Madison, Wisconsin

SHEET TITLE  
**Roof Plan**

SHEET NUMBER

**A-1.5**

1  
A-1.5  
1/8" = 1'-0"

PROJECT NO.  
**1912**

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**NORTHWEST ELEVATION**

 3  
 A-2.1  
 1/8" = 1'-0"

 ISSUED  
 Issued for Land Use Submittal - June 12, 2019

**NORTHEAST ELEVATION**

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

 PROJECT TITLE  
**SHERMAN  
PLAZA**

**SOUTHEAST ELEVATION**

 4  
 A-2.1  
 1/8" = 1'-0"

**SOUTHWEST ELEVATION**

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

 Dryden Drive  
 Madison, WI  
 SHEET TITLE  
**Exterior  
Elevations**

SHEET NUMBER

**A-2.1**

 PROJECT NUMBER  
**1912**  
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3  
NORTHWEST ELEVATION - RENDERED  
A-2.2 1/8" = 1'-0"



1  
NORTHEAST ELEVATION - RENDERED  
A-2.2 1/8" = 1'-0"



4  
SOUTHEAST ELEVATION - RENDERED  
A-2.2 1/8" = 1'-0"



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

 PROJECT TITLE  
**SHERMAN  
PLAZA**

 Dryden Drive  
 Madison, WI  
 SHEET TITLE  
**Exterior  
Elevations -  
Rendered**

SHEET NUMBER

**A-2.2**

PROJECT NUMBER

**1912**

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## SHERMAN PLAZA

Dryden Drive Madison, WI

Rendered Perspective 1

A-2.3

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A R C H I T E C T S



## SHERMAN PLAZA

Dryden Drive Madison, WI

Rendered Perspective 2

A-2.4

**kba**  
knothe bruce  
A R C H I T E C T S