

# 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 # 60438

**RECEIVED**

5/6/20

6:44 a.m.

## 1. Project Information

Address: 3614 SOUTH POINT ROAD

Title: The EDISON Apartments - phase II

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

UDC meeting date requested July 01, 2020

- ☒ New development      ☐ Alteration to an existing or previously-approved development  
☐ Informational      ☒ Initial approval      ☒ Final approval

## 3. Project Type

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

### Signage

- ☐ Comprehensive Design Review (CDR)  
☐ Signage Variance (i.e. modification of signage height, area, and setback)  
☐ Signage Exception

### Other

- ☐ Please specify \_\_\_\_\_

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

**Applicant name** DAN SCHMIDT  
**Street address** 826 North Star Drive  
**Telephone** 608-255-8680

**Project contact person** ULIAN KISSIOV  
**Street address** 476 Presidential Ln  
**Telephone** 608-320-3151

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

**Company** The EDISON, LLC  
**City/State/Zip** Madison, WI 53718  
**Email** dans@rentfmi.com

**Company** \_\_\_\_\_  
**City/State/Zip** Madison, WI 53711  
**Email** ukissiov@gmail.com

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

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

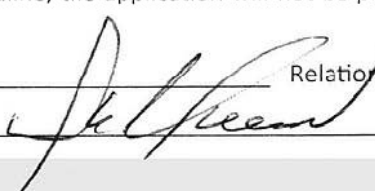
Both the paper copies and electronic copies must be submitted prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. A completed application form is required for each UDC appearance.

For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (initial or final approval) from the UDC. All plans must be legible when reduced.

*\*Electronic copies of all items submitted in hard copy are required. Individual PDF files of each item submitted should be compiled on a CD or flash drive, or submitted via email to [udcapplications@cityofmadison.com](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 Janine Glaeser on March 21-email & March 26-DAT.
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 Dan Schmidt Relationship to property Owner  
 Authorizing signature of property owner  Date 4/27/20

**7. Application Filing Fees**

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

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

- ☐ Urban Design Districts: \$350 (per §35.24(6) MGO).
- ☐ Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) : \$150 (per §33.24(6)(b) MGO)
- ☐ Comprehensive Design Review: \$500 (per §31.041(3)(d)(1)(a) MGO)
- ☐ Minor Alteration to a Comprehensive Sign Plan: \$100 (per §31.041(3)(d)(1)(c) MGO)
- ☐ All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for signage variances (i.e. modifications of signage height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)

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

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

# ULIAN KISSIOV - A R C H I T E C T

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**476 PRESIDENTIAL LANE, MADISON WI 53711**

**P. 608.320.3151    ukissiov@gmail.com**

May 06, 2020

Heather Stouder  
Department of Planning & Development  
City of Madison  
215 Martin Luther King, Jr. Blvd.  
Madison, WI 53710-2985

RE: 3614 South Point Road  
The Edison-phase II, Multi-Family Complex

Dear Heather,

The following document and illustrative graphics outline the proposed Edison-phase II, multi-family project. Forward Management formally requests to rezone from A(Agricultural district) to TR-P/Conditional use (residential building complex with 92 units in one 4-story apartment building (bldg..D) and 4 units in two twin buildings. The architecture of bldg.D is identical to the previously approved bldg.A, B & C. The twin buildings' design is consistent with the apartment building so they fit organically into the multifamily complex.

We look forward to working with the City on the review and implementation of this project.

Sincerely,



Ulian Kissiov  
Architect

APPLICANT/OWNER:

The Edison, LLC  
826 North Star Drive  
Madison, WI 53718  
Phone: 608.255.3553  
Fax: 608.255.3387  
Dan Schmidt  
[dans@rentfmi.com](mailto:dans@rentfmi.com)

DESIGN TEAM:

Architect:  
Uljan Kissiov  
476 Presidential Lane  
Madison, WI 53711  
Phone: 608.320.3151  
Uljan Kissiov  
[ukissiov@gmail.com](mailto:ukissiov@gmail.com)

Engineering:

D'Onofrio Kottke  
7530 Westward Way  
Madison, WI 53717  
Phone: 608.833.7530  
Fax: 608.833.10896  
Dan Day  
[dday@donofrio.cc](mailto:dday@donofrio.cc)

**Existing Conditions:**

Existing Zoning:	A(Agricultural district)
Proposed Zoning:	TR-P/Conditional use Residential Building Complex
Address/PIN:	3614 South Point Road/038/0708-284-8590-0
Aldermanic District:	District 9 Alder Skidmore
Neighborhood Association:	Cardinal Glenn Neighborhood Association
Neighborhood Plan:	Pioneer Neighborhood
Plan Designations:	Medium Density Residential

<u>Notifications:</u>	Alder Skidmore	March 21, 2020
	Cardinal Glenn Neighborhood	March 26, 2020
	DAT Presentation	March 26, 2020
	Meeting w/Alder & Neighborhood	Feb. 11, 2020

Legal Description: See Attached

Lot Area: 88,307 sf – 2.027 (TR-P)

Proposed Use: Building D: 92 units  
(2)Twins: 4 units

Lot Area per building:

<b>Building D:</b>	
Required per TR-P:	600 sf per unit + 300 sf per bedroom>2
Proposed:	816 sf per unit + 1200 sf for (4) bedrooms(>2)

<b>Twins:</b>	
Required per TR-P:	2,500 square feet per unit
Proposed:	3,000 square feet per unit

Usable Open Space:

<b>Building D:</b>	
Required per TR-P:	140 sf/du
Proposed:	289 sf/du

<b>Twins:</b>	
Required per TR-P:	500 sf per unit
Proposed:	1,050 sf per unit

Maximum height:

TR-P:	4 stories/52'
Heights exceeding the maximum may be allowed with conditional use approval.	
Proposed w/conditional use:	4 stories/65.5'

Maximum lot coverage:

Allowed per TR-P:	75%
Proposed:	66.47% (58,699 sf)

Conditional Use Standards:

*1. The establishment, maintenance or operation of the conditional use will not be detrimental to or endanger the public health, safety, or general welfare.*

The proposed buildings are consistent with the adopted Comprehensive Plan and Pioneer Neighborhood Plan and does not create adverse conditions.

*2. The City is able to provide municipal services to the property where the conditional use is proposed, given due consideration of the cost of providing those services.*

The full range of municipal services will be installed to serve the site.

*3. The uses, values and enjoyment of other property in the neighborhood for purposes already established will not be substantially impaired or diminished in any foreseeable manner.*

The proposed buildings are consistent with the adopted Comprehensive Plan and Pioneer Neighborhood Plan.

*4. The establishment of the conditional use will not impede the normal and orderly development and improvement of the surrounding property for uses permitted in the district.*

The proposed uses are consistent with the adopted Acacia Ridge Neighborhood and have received support from the Alder and adjoining Neighborhood Association.

*5. Adequate utilities, access roads, drainage, parking supply, internal circulation improvements, including but not limited to vehicular, pedestrian, bicycle, public transit and other necessary site improvements have been or are being provided.*

The site will be served by a full network of utilizes and circulation improvements as part of the buildout of the Acacia Ridge Neighborhood. Public transit supporting densities are anticipated for the area, but public transit service is not currently available for this site.

*6. Measures, which may include transportation demand management (TDM) and participation in a transportation management association have been or will be taken to provide adequate ingress and egress, including all off-site improvements, so designed as to minimize traffic congestion and to ensure public safety and adequate traffic flow, both on-site and on the public streets.*

The site is served by sufficiently sized street facilities to accommodate the anticipated traffic needs of the project. Traffic access to the site includes a right in right out/shelter left in off of South Point Road and an access point from Feather Sound Drive.

*7. The conditional use conforms to all applicable regulations of the district in which it is located.*

The proposal meets the standards of the TR-P district.

*8. When applying the above standards to an application by a community living arrangement, the Plan Commission shall:*

Not Applicable.

*9. When applying the above standards to any new construction of a building or an addition to an existing building the Plan Commission shall find that the project creates an environment of sustained aesthetic desirability compatible with the existing or intended character of the area and the statement of purpose for the zoning district. In order to find that this standard is met, the Plan Commission may require the applicant to submit plans to the Urban Design Commission for comment and recommendation. (Am. by ORD-14-00030, 2-18-14)*

The proposed design creates a cohesive and appropriate aesthetic for the intended character of the surrounding neighborhood.

*10-16. Standards not applicable.*

**Exhibits:**

- |                   |                                   |
|-------------------|-----------------------------------|
| <b>Exhibit A:</b> | Legal Description                 |
| <b>Exhibit B:</b> | Alder & Neighborhood Notification |
| <b>Exhibit C:</b> | Location Map                      |
| <b>Exhibit D:</b> | Proposed Design Plan Set          |

#### LEGAL DESCRIPTION

A parcel of land located in the NW1/4 of the SE1/4 of Section 28, Township 7 North, Range 8 East in the City of Madison, Dane County, Wisconsin, described as follows:

Commencing at the South 1/4 corner of said Section 28; thence N00°47'47"E, 2603.30 feet along the West line of said SE1/4; thence S89°12'13"E, 23.50 feet to a point of curve, also being the point of beginning; thence Northeasterly along a curve to the right which has a radius of 25.00 feet and a chord which bears N45°22'27"E, 35.09 feet; thence N89°57'06"E, 286.93 feet; thence S00°49'10"W, 283.66 feet; thence S89°51'04"W, 311.46 feet; thence N00°47'47"E, 259.57 feet to the point of beginning. Containing 88,307 square feet (2.027 acres).



ulian kissiov <ukissiov@gmail.com>

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## EDISON - bldg.D (3614 South Point Rd)

2 messages

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**ulian kissiov** <ukissiov@gmail.com>

Sat, Mar 21, 2020 at 11:29 AM

To: "Skidmore, Paul" <district9@cityofmadison.com>

Alder Skidmore,

The purpose of this email is to serve as a formal notification for the intent of my client (Forward Management Inc.) to develop an apartment complex with (84-92 in an apartment bldg)+(4 in duplexes) units at 3614 S. Point Rd - see the attached preliminary plan and perspective views. Construction is intended to commence in the fall of 2020.

Sincerely,

Ulian Kissiov - ARCHITECT  
608-320-3151  
[ukissiov@gmail.com](mailto:ukissiov@gmail.com)



**EDISON-bldg.D.pdf**

5661K

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**Skidmore, Paul** <district9@cityofmadison.com>

Thu, Apr 16, 2020 at 9:18 AM

To: ulian kissiov <ukissiov@gmail.com>

Hi Ulian,

Thanks for the timely notification of your upcoming submittal to the City for this project. I know that you are aware of my support for this project. Please feel free to contact me if you have any questions or if you need any assistance.

I look forward to seeing this project move forward to construction.

Paul Skidmore, 9th District Alder  
**City of Madison, Wisconsin**  
13 Red Maple Trail  
Madison, WI 53717  
(608) 829 3425  
(608) 335 1529 (C)

[Quoted text hidden]



ulian kissiov <ukissiov@gmail.com>

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## EDISON - Mandell's lot

26 messages

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**ulian kissiov** <ukissiov@gmail.com>

Thu, Mar 26, 2020 at 2:06 PM

To: Austin Krueger <austin.krueger@gmail.com>

Cc: "Skidmore, Paul" <district9@cityofmadison.com>, DanSchmidt <dans@rentfmi.com>

Austin,

FYI, Here is the link to: [the PDF](#) I've just submitted for informational purposes to the UDC. We are targeting the May 6 deadline for Land use Application submittal.

Ulian

[Quoted text hidden]

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**Austin Krueger** <austin.krueger@gmail.com>

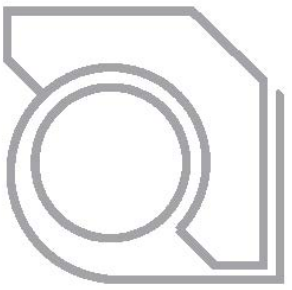
Thu, Mar 26, 2020 at 6:43 PM

To: ulian kissiov <ukissiov@gmail.com>

Cc: "Skidmore, Paul" <district9@cityofmadison.com>, DanSchmidt <dans@rentfmi.com>

Thanks Ulian!

[Quoted text hidden]



# THE EDISON-phase II

MADISON, WISCONSIN

SCALE : 1"= 200'

**EXHIBIT C:**  
LOCATION  
MAP

PROJECT:

# THE EDISON - PHASE II

3614 SOUTH POINT ROAD, MADISON, WI

OWNER:

## THE EDISON, LLC

826 NORTH STAR DRIVE  
MADISON, WISCONSIN 53718  
CONTACT: DAN SCHMIDT  
PHONE: 608-285-8680  
FAX: 608-255-3387  
email: dans@rentfmi.com

ARCHITECT:

## ULIAN KISSIOV

476 PRESIDENTIAL LANE  
MADISON, WISCONSIN 53711  
PHONE: 608-320-3151  
email: ukissiov@gmail.com

CIVIL ENGINEER, SURVEYOR, LANDSCAPE ARCHITECT:

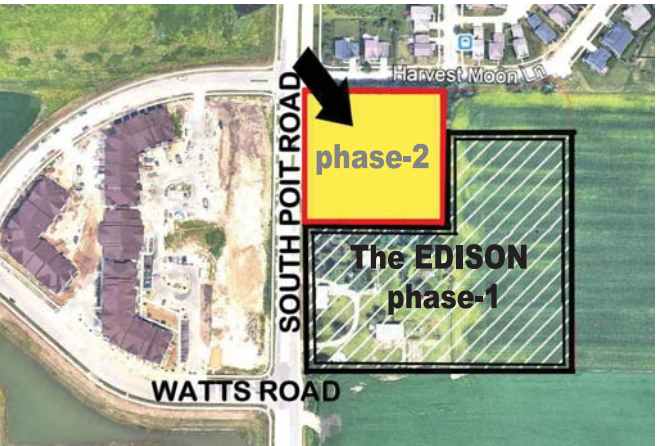
## D'ONOFRIO KOTTKE & ASSOC., INC.

7530 WESTWARD WAY  
MADISON, WISCONSIN 53717  
CONTACT: DAN DAY  
PHONE: 608-833-7530  
email: dday@donofrio.cc

STRUCTURAL ENGINEER:

## ENNOVATION ENG. SERV., INC.

4729 DALE CURTIN DRIVE  
McFARLAND, WISCONSIN 53558  
CONTACT: KURT D. FREY  
PHONE: 608-212-6998  
email: kfrey@ennovationbuilt.com



LOCATION MAP  
NO SCALE

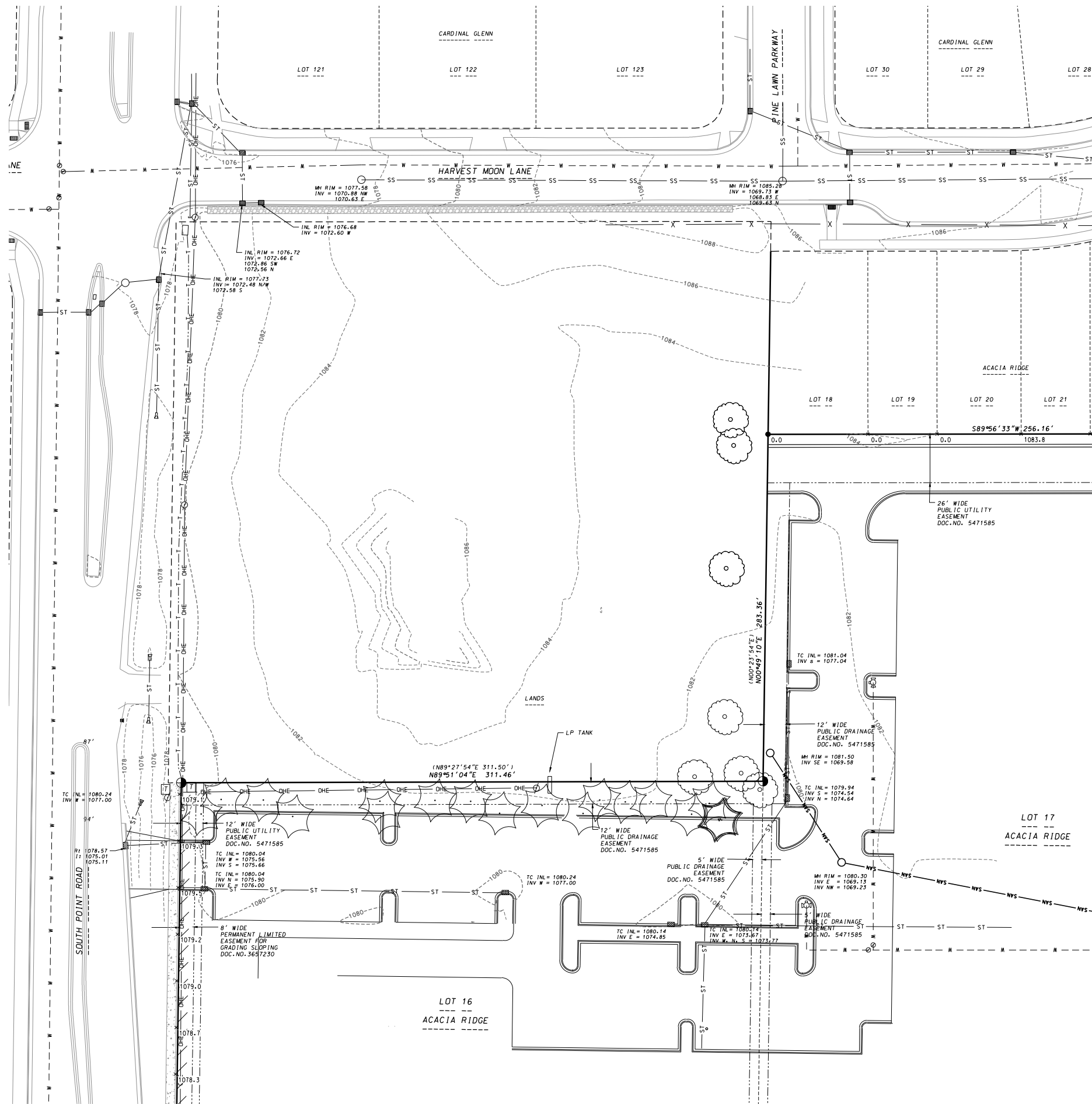


### UNIT MIX

	UNIT TYPE	NUMBER UNITS	%
APARTMENT BUILDING	STUDIOS	17	18.48
	1 BEDROOM	37	40.22
	1 BR+LOFT	6	6.52
	2 BEDROOM	28	30.43
	3 BEDROOM	4	4.35
	SUBTOTAL	92	100
TWINS	3 BEDROOM	2	
	4 BEDROOM	2	
	TOTAL	96	

### SHEET INDEX

T	TITLE SHEET	CSI	CONTEXTUAL SITE INFORMATION
C-100	EXISTING CONDITIONS	A-0D	UNDERGROUND PARKING - BLDG. D
C-101	SITE PLAN	A-1D	FIRST FLOOR PLAN - BLDG. D
C-102	GRADING & EROSION CONTROL PLAN	A-2D	SECOND/THIRD FLOOR PLAN - BLDG. D
C-103	UTILITY PLAN	A-3D	FOURTH FLOOR PLAN - BLDG. D
C-104	OVERALL SITE PLAN	A-4D	LOFT FLOOR PLAN - BLDG. D
C-105	DETAILS	A-5D	ROOF PLAN - BLDG. D
C-106	FIRE PLAN	A-6.1D	EXTERIOR ELEVATIONS (COLOR) - BLDG. D
L-101	LANDSCAPE PLAN	A-6.2D	EXTERIOR ELEVATIONS (COLOR) - BLDG. D
1 OF 1	LIGHTING PLAN	A-7.1D	EXTERIOR ELEVATIONS (B&W) - BLDG. D
		A-7.2D	EXTERIOR ELEVATIONS (B&W) - BLDG. D
		A-1TW	FLOOR PLANS - TWINS
		A-2TW	EXTERIOR ELEVATIONS (COLOR) - TWINS
		A-3TW	EXTERIOR ELEVATIONS (B&W) - TWINS



- LEGEND
- FOUND 1" IRON PIPE
  - FOUND 1-1/4" REBAR
  - FOUND 3/4" REBAR
  - WATER MAIN
  - STORM SEWER
  - OVERHEAD ELECTRIC
  - POWER POLE
  - HYDRANT
  - WELL
  - CONCRETE
  - CONCRETE CURB AND GUTTER
  - "RECORDED AS" INFORMATION

EXISTING CONDITIONS

## THE EDILSON - PHASE II

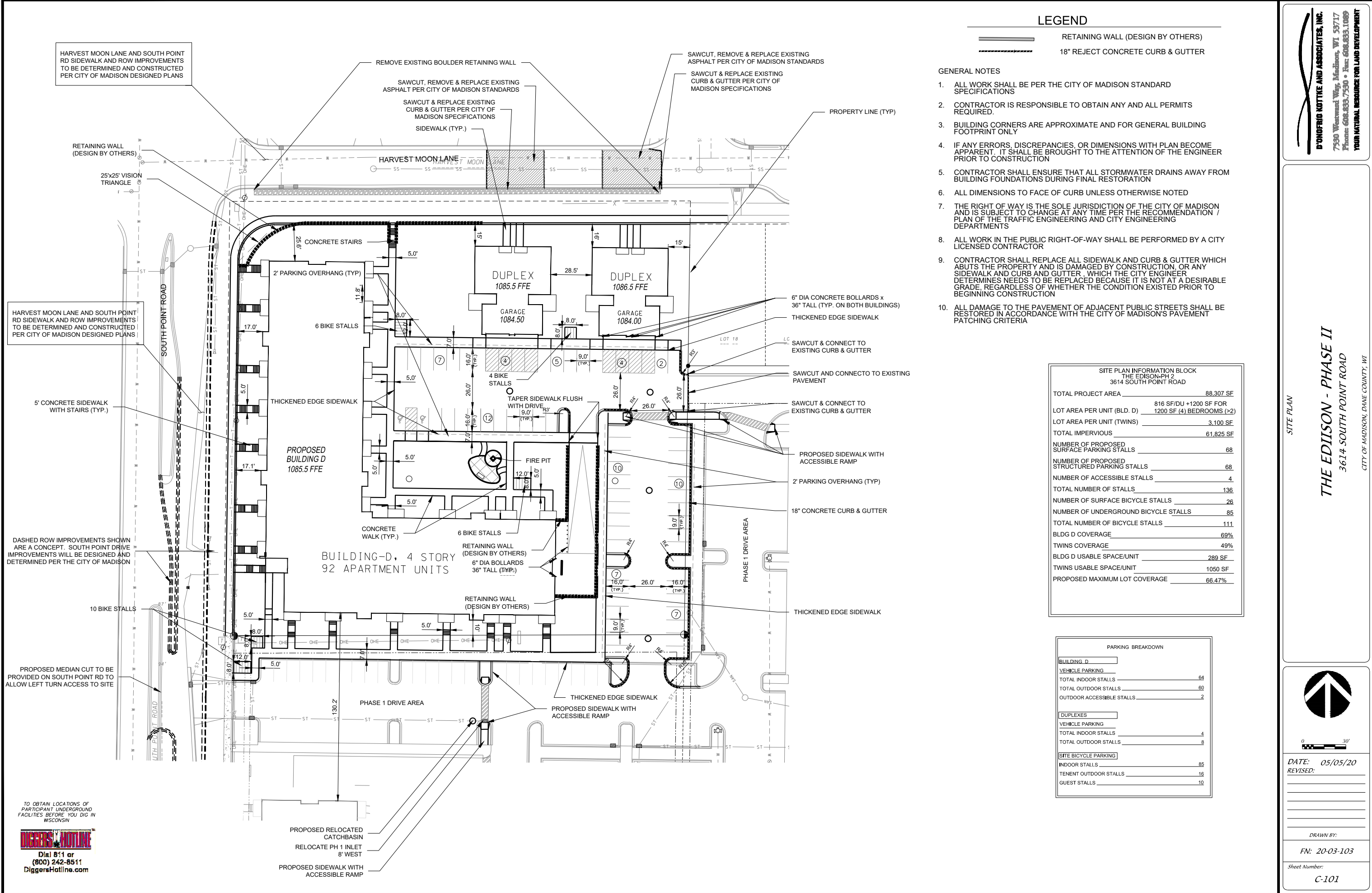
3614 SOUTH POINT ROAD

CITY OF MADISON, DANE COUNTY, WI



DATE: 05/05/20  
REVISED:

DRAWN BY:  
FN: 20-03-103  
Sheet Number:  
C-100



LEGEND

- RETAINING WALL (DESIGN BY OTHERS)
- 18" REJECT CONCRETE CURB & GUTTER

GENERAL NOTES



- ALL WORK SHALL BE PER THE CITY OF MADISON STANDARD SPECIFICATIONS
- CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED.
- BUILDING CORNERS ARE APPROXIMATE AND FOR GENERAL BUILDING FOOTPRINT ONLY
- IF ANY ERRORS, DISCREPANCIES, OR DIMENSIONS WITH PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS AWAY FROM BUILDING FOUNDATIONS DURING FINAL RESTORATION
- ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED
- 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 THE TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS
- ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR
- CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB & GUTTER WHICH ABUTS THE PROPERTY AND IS DAMAGED BY CONSTRUCTION, OR ANY SIDEWALK AND CURB AND GUTTER, WHICH THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION
- ALL DAMAGE TO THE PAVEMENT OF ADJACENT PUBLIC STREETS SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA

SITE PLAN INFORMATION BLOCK	
THE EDISON-PH 2	
3614 SOUTH POINT ROAD	
TOTAL PROJECT AREA	88,307 SF
LOT AREA PER UNIT (BLD. D)	816 SF/DU +1200 SF FOR 1200 SF (4) BEDROOMS (≥2)
LOT AREA PER UNIT (TWIN)	3,100 SF
TOTAL IMPERVIOUS	61,825 SF
NUMBER OF PROPOSED SURFACE PARKING STALLS	68
NUMBER OF PROPOSED STRUCTURED PARKING STALLS	68
NUMBER OF ACCESSIBLE STALLS	4
TOTAL NUMBER OF STALLS	136
NUMBER OF SURFACE BICYCLE STALLS	26
NUMBER OF UNDERGROUND BICYCLE STALLS	85
TOTAL NUMBER OF BICYCLE STALLS	111
BLDG D COVERAGE	69%
TWIN COVERAGE	49%
BLDG D USABLE SPACE/UNIT	289 SF
TWIN USABLE SPACE/UNIT	1050 SF
PROPOSED MAXIMUM LOT COVERAGE	66.47%

PARKING BREAKDOWN	
BUILDING D	
VEHICLE PARKING	
TOTAL INDOOR STALLS	64
TOTAL OUTDOOR STALLS	60
OUTDOOR ACCESSIBLE STALLS	2
DUPLICATES	
VEHICLE PARKING	
TOTAL INDOOR STALLS	4
TOTAL OUTDOOR STALLS	8
SITE BICYCLE PARKING	
INDOOR STALLS	85
TENANT OUTDOOR STALLS	16
GUEST STALLS	10

D'ONOFRIO KOTTE AND ASSOCIATES, INC.  
7530 Westland Way, Madison, WI 53717  
Phone: 608.833.7530 • Fax: 608.833.1089  
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

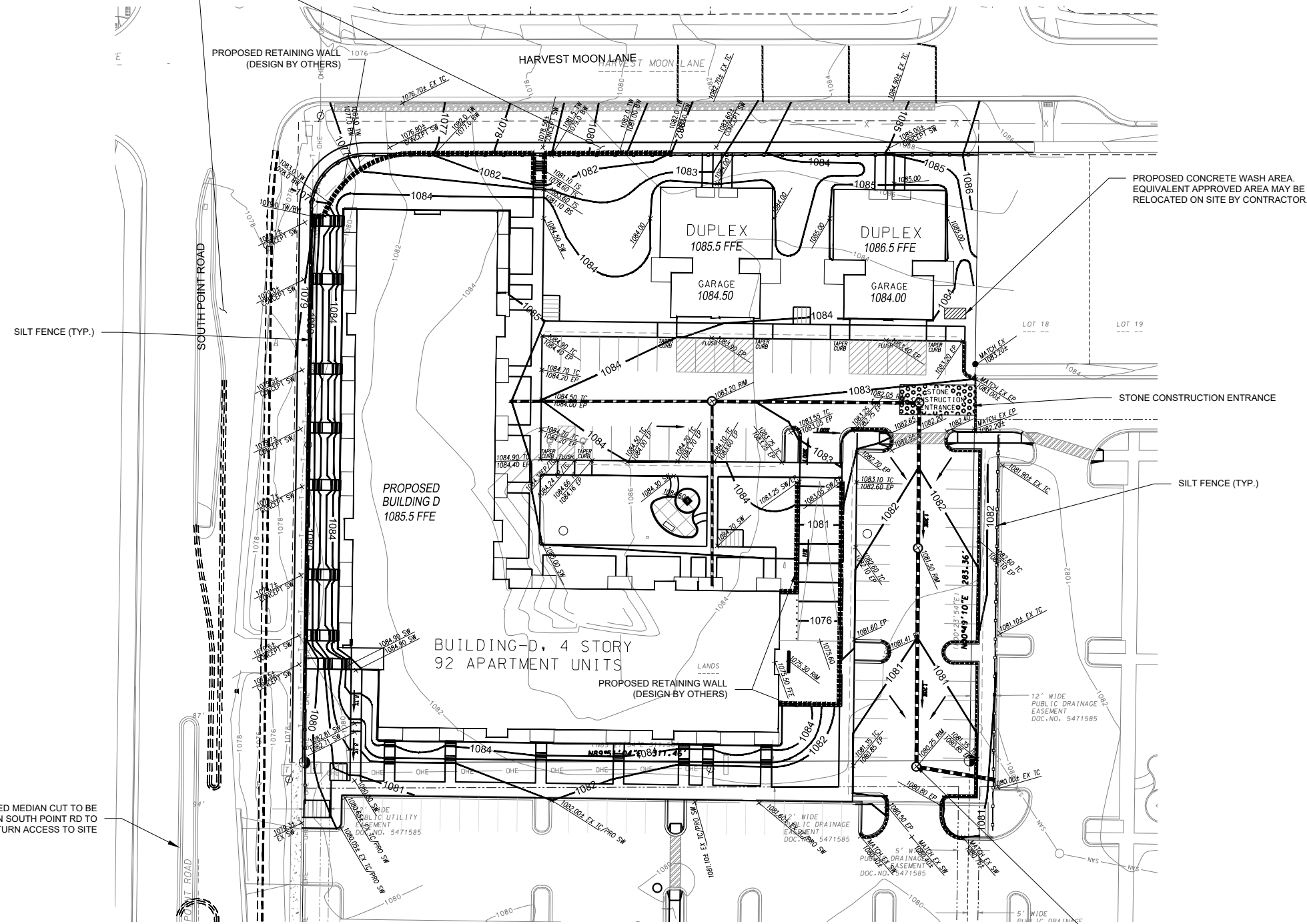
SITE PLAN  
THE EDISON - PHASE II  
3614 SOUTH POINT ROAD  
CITY OF MADISON, DANE COUNTY, WI



DATE: 05/05/20  
REVISED:  
  
  
  
  
  
  
  
  
  
DRAWN BY:  
  
FN: 20-03-103  
  
Sheet Number:  
C-101

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN  
**DIGGERS HOTLINE**  
Dial 811 or (800) 242-8511  
DiggersHotline.com

HARVEST MOON LANE AND SOUTH POINT RD SIDEWALK AND ROW IMPROVEMENTS TO BE DETERMINED AND CONSTRUCTED PER CITY OF MADISON DESIGNED PLANS



SILT FENCE (TYP.)

PROPOSED RETAINING WALL (DESIGN BY OTHERS)

HARVEST MOON LANE

DUPLEX  
1085.5 FFE

DUPLEX  
1086.5 FFE

PROPOSED BUILDING D  
1085.5 FFE

BUILDING-D, 4 STORY  
92 APARTMENT UNITS

PROPOSED RETAINING WALL (DESIGN BY OTHERS)

PROPOSED CONCRETE WASH AREA.  
EQUIVALENT APPROVED AREA MAY BE  
RELOCATED ON SITE BY CONTRACTOR.

STONE CONSTRUCTION ENTRANCE

SILT FENCE (TYP.)

PROPOSED MEDIAN CUT TO BE  
PROVIDED ON SOUTH POINT RD TO  
ALLOW LEFT TURN ACCESS TO SITE

PLACE TYPE D INLET PROTECTION  
DURING CONSTRUCTION IN ALL  
INLETS ACCEPTING RUNOFF FROM  
DISTURBED AREAS (TYP)

## LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- SPOT ELEVATION
  - EP - EDGE OF PAVEMENT
  - FFE - FINISHED FLOOR ELEVATION
  - TC - TOP OF CURB
  - TW - TOP OF WALL (GROUND ELEVATION)
  - BW - BOTTOM OF WALL (GROUND ELEVATION)
  - SW - SIDEWALK
- SILT FENCE/SILT SOCK
- FLOW ARROW
- RETAINING WALL (DESIGN BY OTHERS)
- 18" REJECT CONCRETE CURB & GUTTER

## GENERAL NOTES

- ALL WORK SHALL BE PER THE CITY OF MADISON STANDARD SPECIFICATIONS
- CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED.
- BUILDING CORNERS ARE APPROXIMATE AND FOR GENERAL BUILDING FOOTPRINT ONLY
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- ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED
- 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 THE TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS
- ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR
- CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB & GUTTER WHICH ABUTS THE PROPERTY AND IS DAMAGED BY CONSTRUCTION, OR ANY SIDEWALK AND CURB & GUTTER WHICH THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION
- ALL DAMAGE TO THE PAVEMENT OF ADJACENT PUBLIC STREETS SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA

## GRADING AND EROSION CONTROL NOTES:

- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE WISCONSIN DNR TECHNICAL STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS.
- INSTALL EROSION CONTROL MEASURES PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIALS AS SHOWN ON PLAN. MODIFICATIONS TO SEDIMENT CONTROL DESIGN MAY BE CONDUCTED TO MEET UNFORESEEN FIELD CONDITIONS IF MODIFICATIONS CONFORM TO WDNr TECHNICAL STANDARDS.
- EROSION CONTROL MEASURES INDICATED ON THE PLANS SHALL BE CONSIDERED MINIMUMS. IF DETERMINED NECESSARY DURING CONSTRUCTION ADDITIONAL MEASURES SHALL BE INSTALLED TO PREVENT SEDIMENT FROM LEAVING THE SITE.
- INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
- INSPECT EROSION CONTROL MEASURES AFTER EACH 1/2" OR GREATER RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.
- NO SITE GRADING OUTSIDE OF THE LIMITS OF DISTURBANCE
- EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER
- INSTALL TYPE D INLET PROTECTION IN ALL STORM SEWER INLETS AND CATCH BASINS THAT MAY RECEIVE RUNOFF FROM DISTURBED AREAS
- CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1
- SLOPES EXCEEDING 4:1 SHALL BE STABILIZED WITH CLASS I, TYPE B EROSION MATTING AND ALL DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING.
- ALL INCIDENTAL MUD TRACKING OFF-SITE ONTO ADJACENT PUBLIC THOROUGHFARES SHALL BE CLEANED UP AND REMOVED BY THE END OF EACH WORKING DAY USING PROPER DISPOSAL METHODS.
- ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 DAYS SHALL BE STABILIZED WITH TEMPORARY STABILIZATION METHODS SUCH AS TEMPORARY SEEDING, SOIL TREATMENT, EROSION MATTING, OR MULCH
- PREVENT EXCESSIVE DUST FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
- INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES.
- AT A MINIMUM ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 4" OF TOPSOIL FERTILIZER SEED AND MULCH. SEED MIXTURE SHALL BE WISCONSIN DOT SEED MIX #40 OR EQUIVALENT APPLIED AT A RATE OF 5 POUNDS PER 1000 SQFT ON ALL DISTURBED AREAS. ANNUAL RYEGRASS AT A RATE OF 1 1/2 POUNDS PER 1000 SQFT SHALL BE ADDED TO THE MIXTURE. FERTILIZER SHALL BE PLACED PER A SOIL TEST. SEE LANDSCAPE PLAN FOR A MORE DETAILED PLANTING PLAN AND LANDSCAPE DETAILS.
- DEWATERING, IF APPLICABLE, SHALL BE CONDUCTED PER WDNr STORM WATER MANAGEMENT TECHNICAL STANDARD 1061.

GRADING AND EROSION CONTROL PLAN

## THE EDISON - PHASE II

3614 SOUTH POINT ROAD

CITY OF MADISON, DANE COUNTY, WI



0 30'

DATE: 05/05/20  
REVISED:

DRAWN BY:

FN: 20-03-103

Sheet Number:

C-102

TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

**DIGGERS HOTLINE**

Call 811 or  
(800) 242-8511  
DiggersHotline.com

HARVEST MOON LANE AND SOUTH POINT RD SIDEWALK AND ROW IMPROVEMENTS TO BE DETERMINED AND CONSTRUCTED PER CITY OF MADISON DESIGNED PLANS

CONNECT TO EXISTING SANITARY SEWER WITH WYE AND 4" LATERAL PER CITY OF MADISON STANDARDS. ROUTE PROPOSED SANITARY SEWER TO PROPOSED BUILDING. COORDINATE WITH ROUTING BUILDING PLUMBING PLAN PRIOR TO CONSTRUCTION

SAWCUT, REMOVE & REPLACE EXISTING ASPHALT AND CURB & GUTTER PER CITY OF MADISON STANDARDS (TYP. FOR ALL CONNECTIONS)

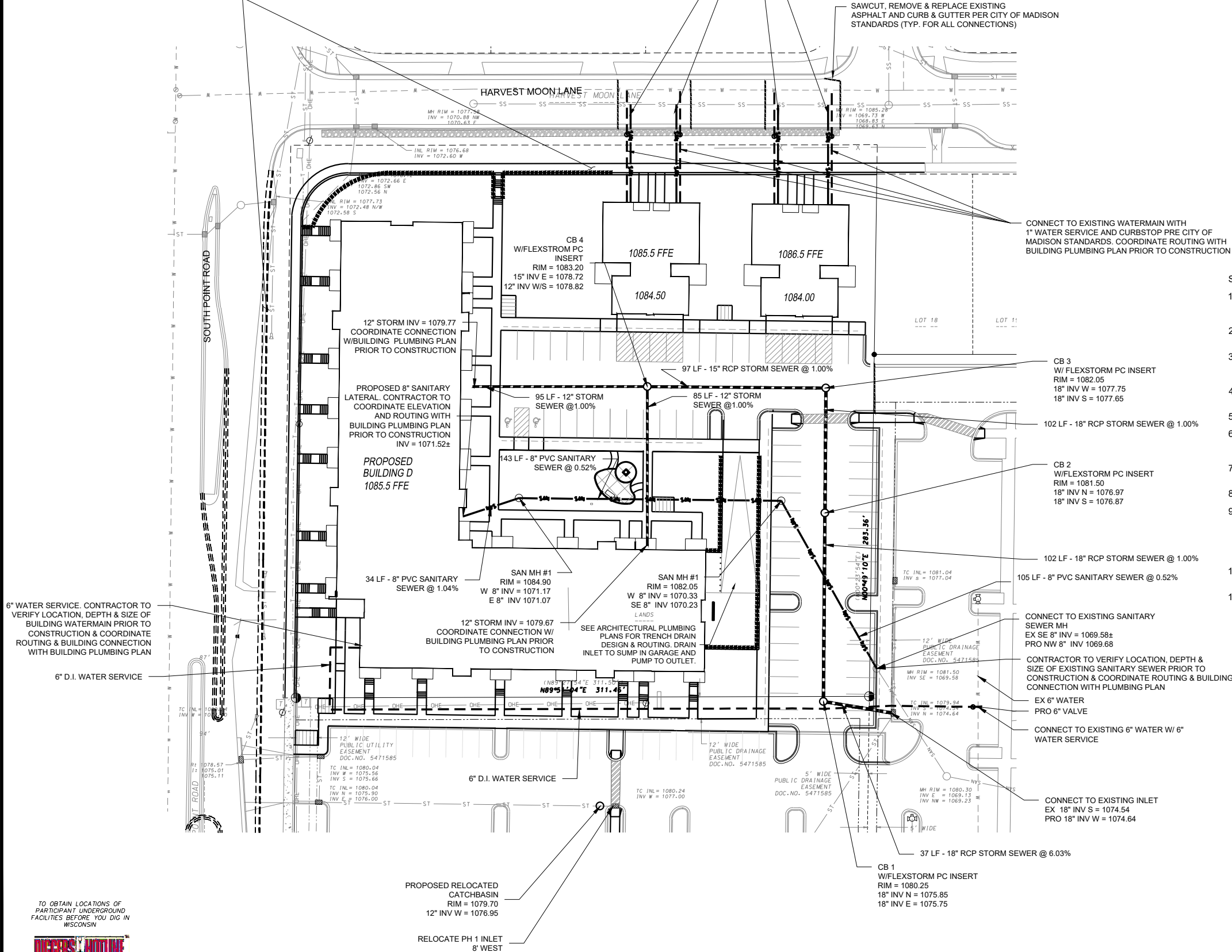
CONNECT TO EXISTING WATERMAIN WITH 1" WATER SERVICE AND CURBSTOP PRE CITY OF MADISON STANDARDS. COORDINATE ROUTING WITH BUILDING PLUMBING PLAN PRIOR TO CONSTRUCTION

#### GENERAL NOTES

1. ALL WORK SHALL BE PER THE CITY OF MADISON STANDARD SPECIFICATIONS
2. CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED.
3. BUILDING CORNERS ARE APPROXIMATE AND FOR GENERAL BUILDING FOOTPRINT ONLY
4. IF ANY ERRORS, DISCREPANCIES, OR DIMENSIONS WITH PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION
5. CONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS AWAY FROM BUILDING FOUNDATIONS DURING FINAL RESTORATION
6. ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED
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 THE TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS
8. ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR
9. CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB & GUTTER WHICH ABUTS THE PROPERTY AND IS DAMAGED BY CONSTRUCTION, OR ANY SIDEWALK AND CURB AND GUTTER WHICH THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE, REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION
10. ALL DAMAGE TO THE PAVEMENT OF ADJACENT PUBLIC STREETS SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA

#### SITE UTILITY NOTES

1. THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. PROTECTION OF EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY.
2. CONTRACTOR TO VERIFY LOCATION DEPTH & SIZE OF EXISTING WATER, STORM AND SEWER PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO VERIFY AND COORDINATE SANITARY, STORM AND WATER BUILDING SERVICE CONNECTION LOCATION, SIZES, & DEPTHS WITH ARCHITECTURAL PLUMBING PLAN PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO COORDINATE ELECTRIC, GAS, PHONE & CABLE INSTALLATION WITH THE RESPECTIVE UTILITY COMPANIES.
5. ALL WATER SERVICES AND HYDRANTS SHALL BE INSTALLED WITH A VALVE.
6. ALL STORM CATCHBASINS TO BE 48" DIAMETER WITH NEENAH R-2501 INLET FRAME, GRATE WITH TYPE G LID UNLESS NOTED AS SOLID LID ON PLAN
7. ALL STORM CURB INLETS TO BE 2'X3' INLET BOXES WITH NEENAH R-3067 COMBINATION INLET FRAME, GRATE, CURB BOX WITH TYPE C LID
8. PLACE 8' X 4' X 2" WATERMAIN INSULATION AT ALL STORM SEWER CROSSINGS
9. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SANITARY AND STORM SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS OF THESE CODE SECTIONS SPS 382.30 (11)(h), SPS 382.36(7)(d)10.a, AND SPS 382.40(8)(k) AS PER 182.0715(2r) OF THE STATUTES.
10. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SUD. 2 TO 7 NR 811.68
11. ALL INLETS RECEIVING RUNOFF FROM PARKING LOTS SHALL BE INSTALLED WITH POST CONSTRUCTION FLEXSTORM INLET INSERTS TO REMOVE OIL AND GREASE OR EQUIVALENT.



TO OBTAIN LOCATIONS OF PARTICIPANT UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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Dial 811 or  
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UTILITY PLAN

**THE EDISON - PHASE II**  
3614 SOUTH POINT ROAD

CITY OF MADISON, DANE COUNTY, WI



0 30'

DATE: 05/05/20  
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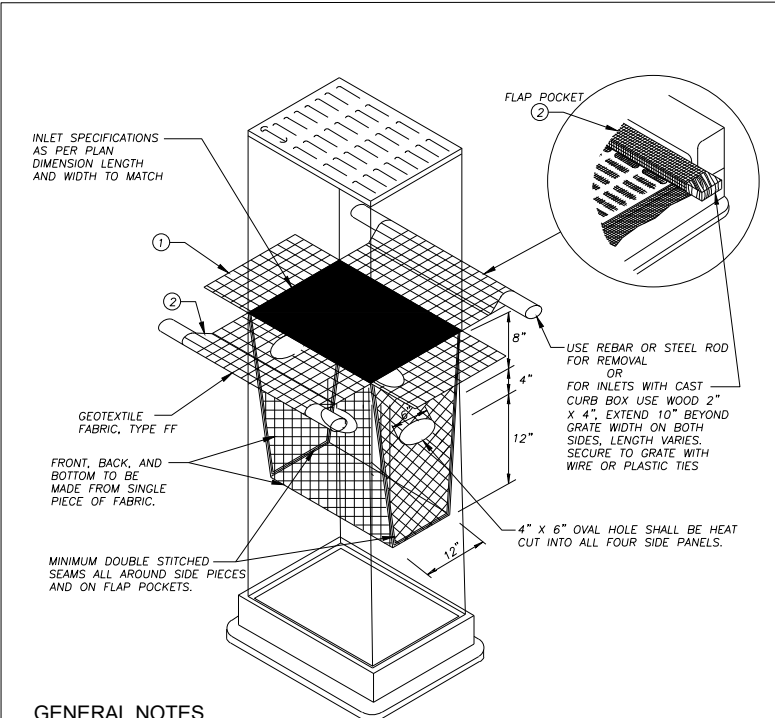
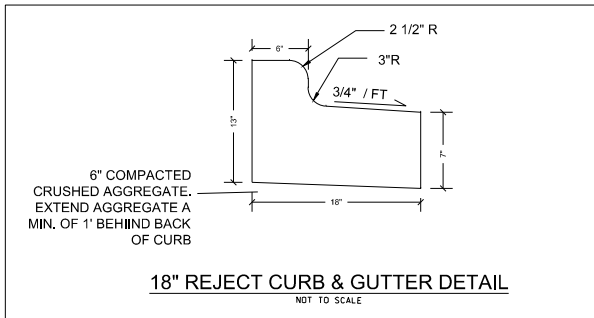
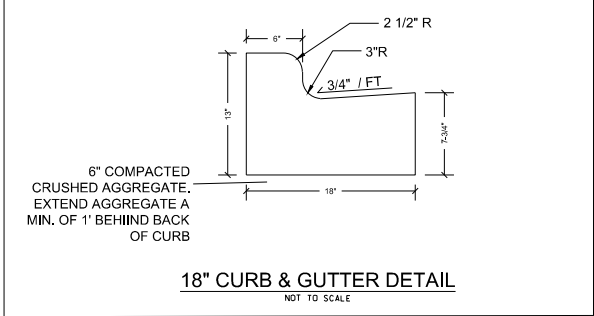
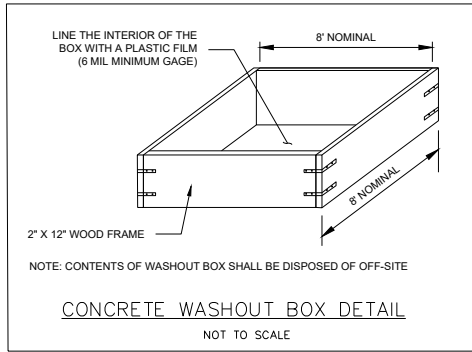
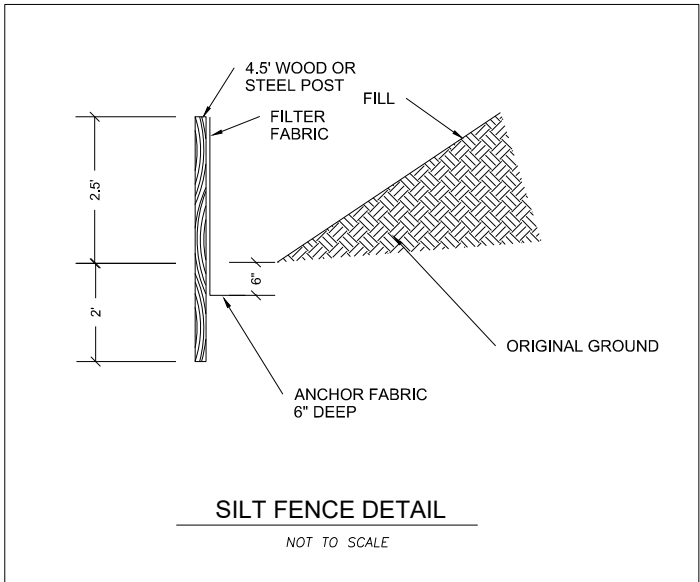
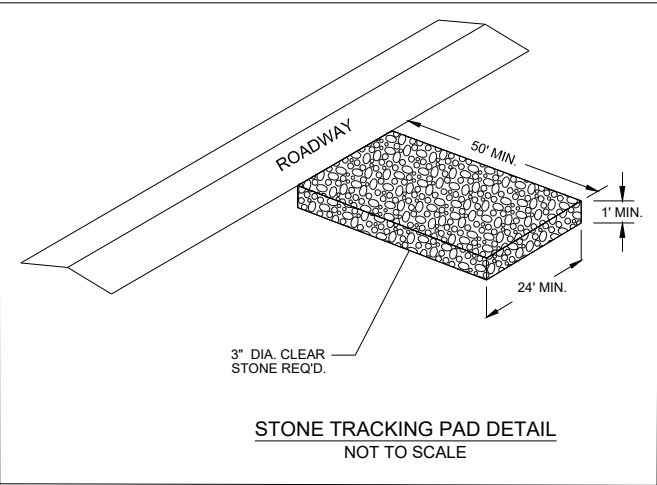
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FN: 20-03-103

Sheet Number:

C-103





- GENERAL NOTES**
- INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
- MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
- WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

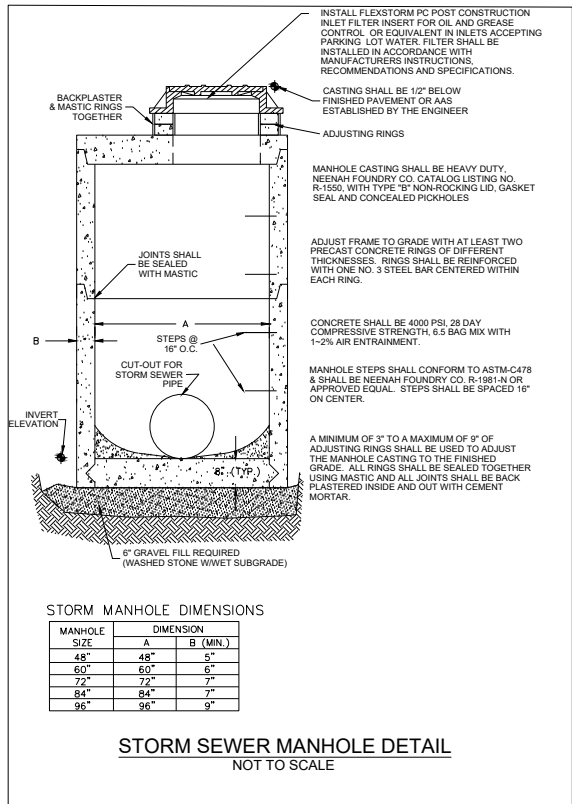
**INSTALLATION NOTES**

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINC THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

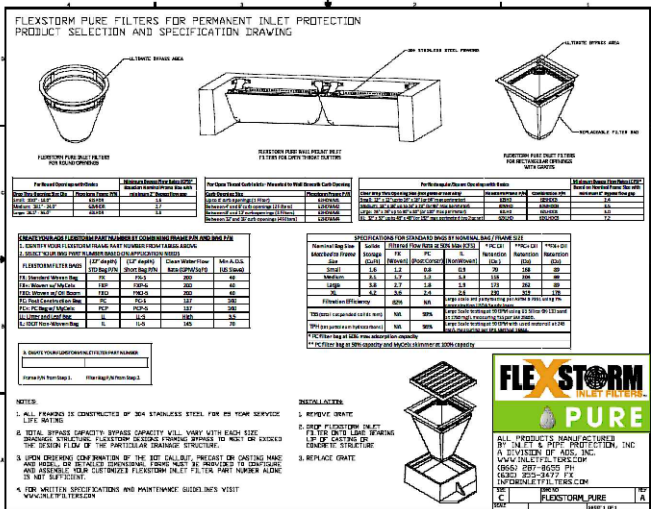
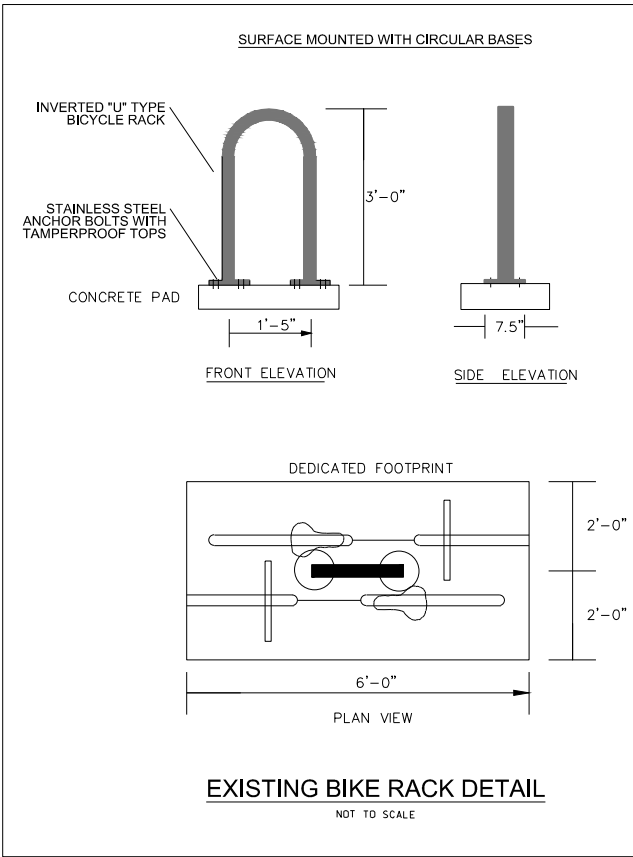
**INLET PROTECTION, TYPE D**  
N.T.S.



**STORM MANHOLE DIMENSIONS**

MANHOLE SIZE	DIMENSION	
	A	B (MIN.)
48"	48"	5"
60"	60"	6"
72"	72"	7"
84"	84"	7"
96"	96"	9"

**STORM SEWER MANHOLE DETAIL**  
NOT TO SCALE



DETAIL SHEET

THE EDISON - PHASE II

3614 SOUTH POINT ROAD

CITY OF MADISON, DANE COUNTY, WI

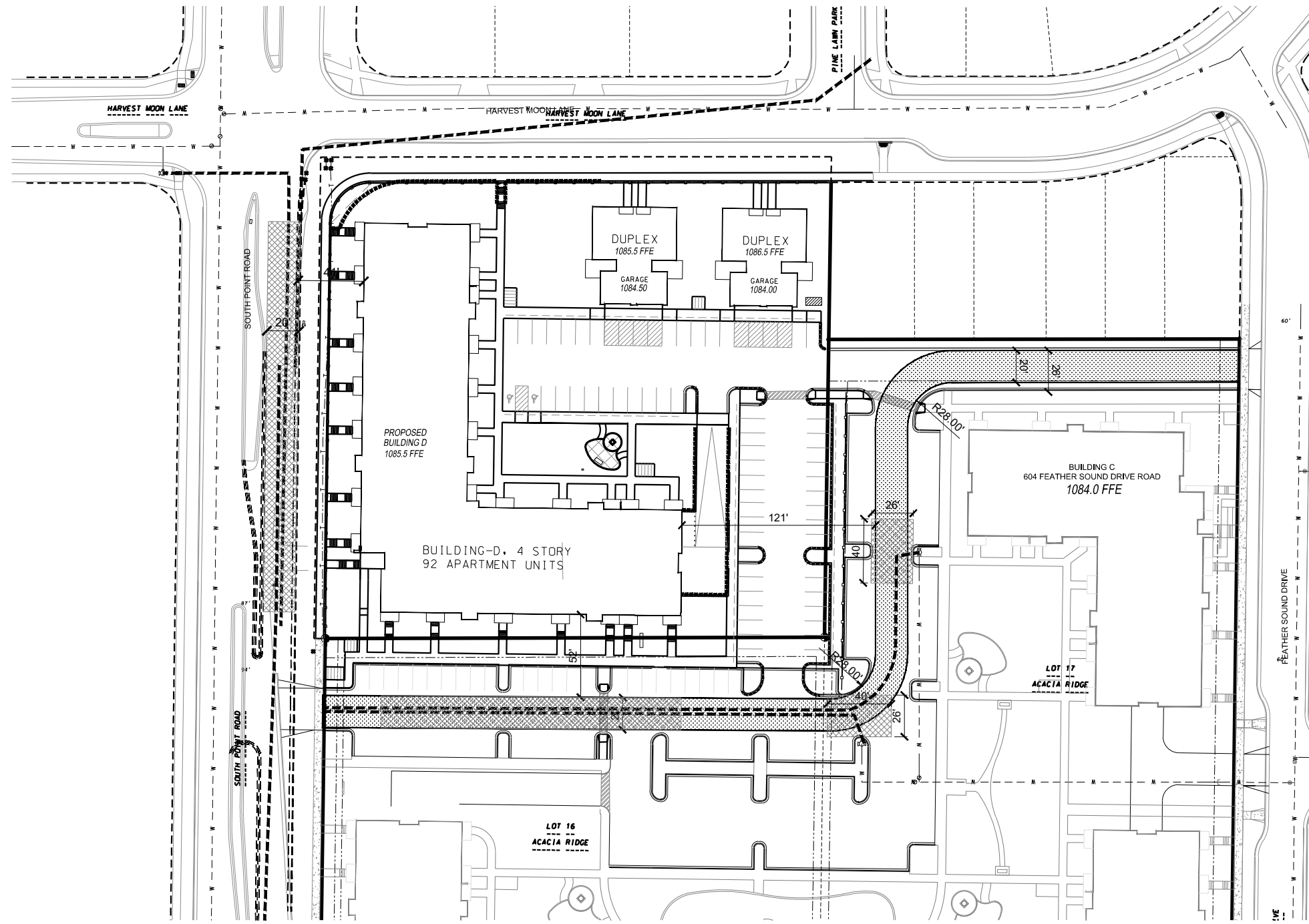
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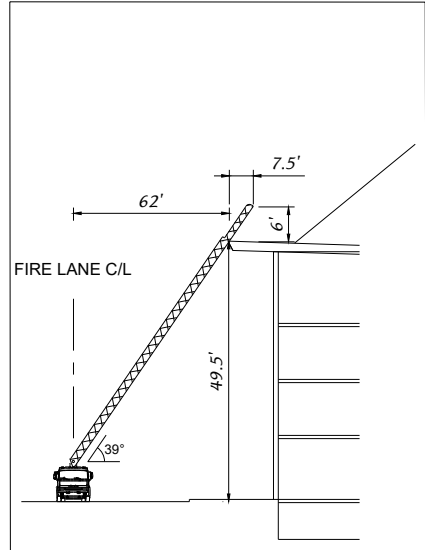
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C-105



LEGEND

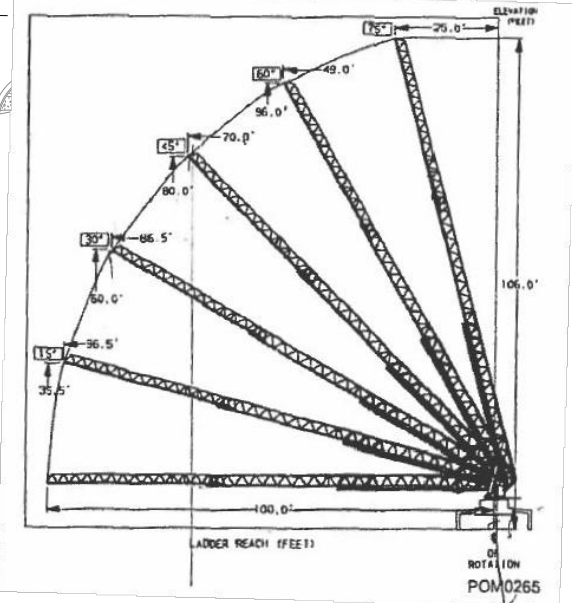
- FIRE LANE ACCESS (20' WIDE LANE AT ALL POINTS & ALL INSIDE TURNING RADII ARE 28' AS REQUIRED)
- HOSELAY (ALL HOSELAYS SHOWN ARE 500' OR LESS) (2 HYDRANTS WITHIN 500' OF ALL FIRE LANES)
- AERIAL APPARATUS FIRE LANE



AERIAL LADDER REACH DIAGRAM

APPROXIMATE GROUND ELEVATION @ AERIAL APPARATUS ACCESS AREA = 1081.0±  
BUILDING PARAPET ELEVATION = 1131.0  
HEIGHT OF LADDER REACH = 1131.0 - 1081.0 = 50'

Building Roof Eave Height	50'
Truck C/L Rotation Point Height	10'
Rise:	40'
Aerial Fire Lane C/L to Eave	62'
Run:	62'



**D'ONOFRIO KOTYKE AND ASSOCIATES, INC.**  
7530 Westland Way, Madison, WI 53717  
Phone: 608.833.7530 • Fax: 608.833.1089  
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

**THE EDISON - PHASE II**  
3614 SOUTH POINT ROAD  
CITY OF MADISON, DANE COUNTY, WI

DATE: 05/05/20  
REVISED:

DRAWN BY:

FN: 20-03-103

Sheet Number:  
C-106



# City of Madison Fire Department

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

**Project Address:** 3614 South Point Rd

**Contact Name & Phone #:** D'Onofrio Kottke & Assoc., Inc. Attn: Grant Pokos, 608-833-7530

## FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

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

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

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





CITY OF MADISON  
LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Project Location / Address 3614 South Point Road

Name of Project The Edison - Phase 2

Owner / Contact Forward Management (Developer) / Matt Saltzberry, PLA - D'Onofrio Kottke (Landscape Architect)

Contact Phone 608-833-7530 Contact Email msaltzberry@donofrio.cc

**\*\* Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size  
MUST be prepared by a registered landscape architect. \*\***

**Applicability**

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless **all** of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

- (a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.
- (b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.
- (c) No demolition of a principal building is involved.
- (d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

**Landscape Calculations and Distribution**

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

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

Total square footage of developed area 45,960 SF

Total landscape points required 766

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

Total square footage of developed area \_\_\_\_\_

Five (5) acres = 217,800 square feet

First five (5) developed acres = 3,630 points

Remainder of developed area \_\_\_\_\_

Total landscape points required \_\_\_\_\_

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

Total square footage of developed area \_\_\_\_\_

Total landscape points required \_\_\_\_\_

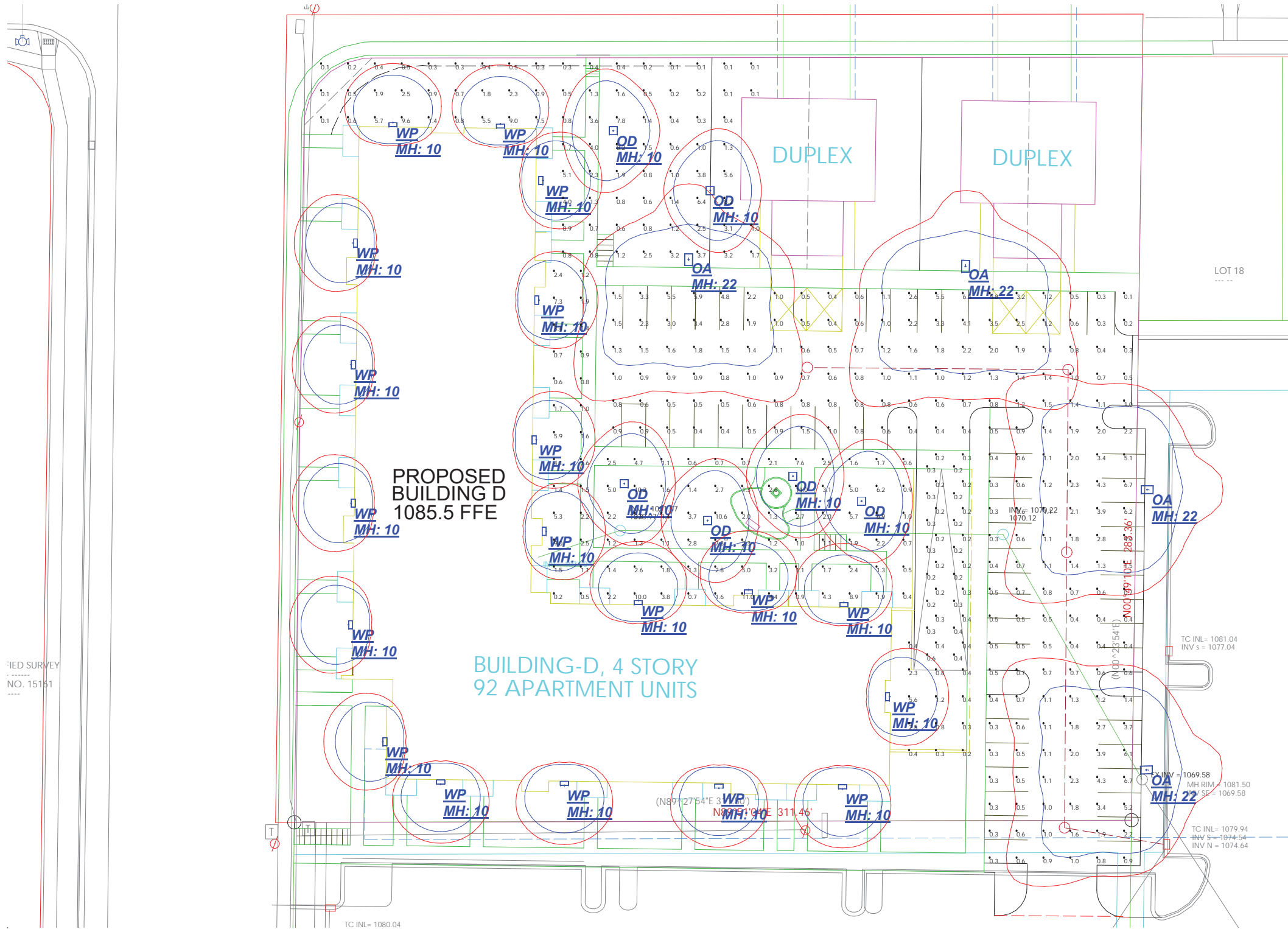
**Tabulation of Points and Credits**

Use the table to indicate the quantity and points for all existing and proposed landscape elements.

Plant Type/ Element	Minimum Size at Installation	Points	Credits/ Existing Landscaping		New/ Proposed Landscaping	
			Quantity	Points Achieved	Quantity	Points Achieved
Overstory deciduous tree	2½ inch caliper measured diameter at breast height (dbh)	35			22	770
Tall evergreen tree (i.e. pine, spruce)	5-6 feet tall	35			41	1,435
Ornamental tree	1 1/2 inch caliper	15			10	150
Upright evergreen shrub (i.e. arborvitae)	3-4 feet tall	10				
Shrub, deciduous	#3 gallon container size, Min. 12”-24”	3			247	741
Shrub, evergreen	#3 gallon container size, Min. 12”-24”	4			55	220
Ornamental grasses/ perennials	#1 gallon container size, Min. 8”-18”	2			119	238
Ornamental/ decorative fencing or wall	n/a	4 per 10 lineal ft.				
Existing significant specimen tree	Minimum size: 2 ½ inch caliper dbh. *Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch dbh. Maximum points per tree: 200				
Landscape furniture for public seating and/or transit connections	* Furniture must be within developed area, publically accessible, and cannot comprise more than 5% of total required points.	5 points per “seat”				
Sub Totals						3,554

**Total Number of Points Provided** 3,554

\* As determined by ANSI, ANLA- American standards for nursery stock. For each size, minimum plant sizes shall conform to the specifications as stated in the current American Standard for Nursery Stock.



FIELD SURVEY  
NO. 15161

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DRIVEWAY	Illuminance	Fc	0.29	0.6	0.2	1.45	3.00
NORTH SIDE WALK	Illuminance	Fc	1.10	9.6	0.0	N.A.	N.A.
PARK AREA	Illuminance	Fc	2.87	11.0	0.2	14.35	55.00
PARKING	Illuminance	Fc	1.35	6.7	0.1	13.50	67.00

Luminaire Schedule											
Symbol	Qty	Label	Description	Arrangement	Total Lamp Lumens	Lum. Lumens	Lum. Watts	LLF			
OA	4	OA	ASL-16L-4K-210-4	SINGLE	13104	13104	115	0.900			
OD	6	OD	PKWM-ANG-Y2HD-32LED-4K-700	SINGLE	N.A.	4311	71	0.900			
WP	19	WP	SG1-30-4K-PCU	SINGLE	N.A.	3060	29.1	0.900			

- Standard Reflectance of 80/50/20 unless noted otherwise
- Not a Construction Document, for Design purposes only
- Standard indoor calc points @ 0" A.F.F.
- Standard outdoor calc points @ Grade unless noted otherwise
- Mlazgar Associates assumes no responsibility for installed light levels due to field conditions, etc.

MLAZGAR ASSOCIATES  
720 LARRY CT  
WAUKESHA, WI 53186  
(p) 414-943-1915  
www.mlazgar.com

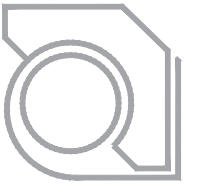
#	Date	Comments
Revisions		

RLMA Project # 82983  
Drawn By: MB  
Date: 5/5/2020  
Scale: 1"=20'-0"

SITE PLAN

EDISON APARTMENTS, BUILDING 4  
MADISON, WI

Page M of 1



The EDISON (bldg.A) - phase 1



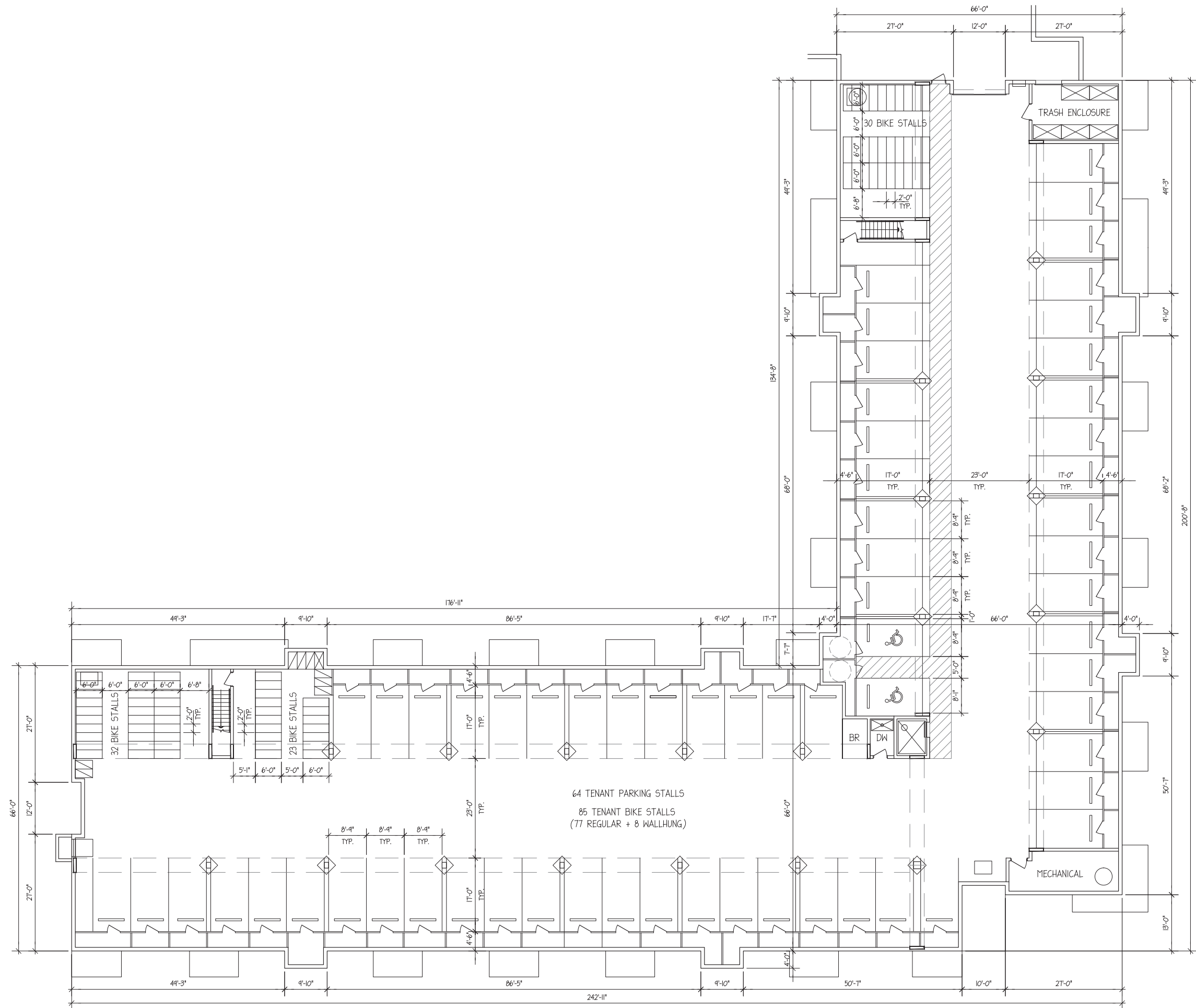
The EDISON (bldg.B) - phase 1



Harvest Moon Ln



Timber Valley Apartments



# UNDERGROUND PARKING - BLDG.D

3/32" = 1'-0" (24x36)

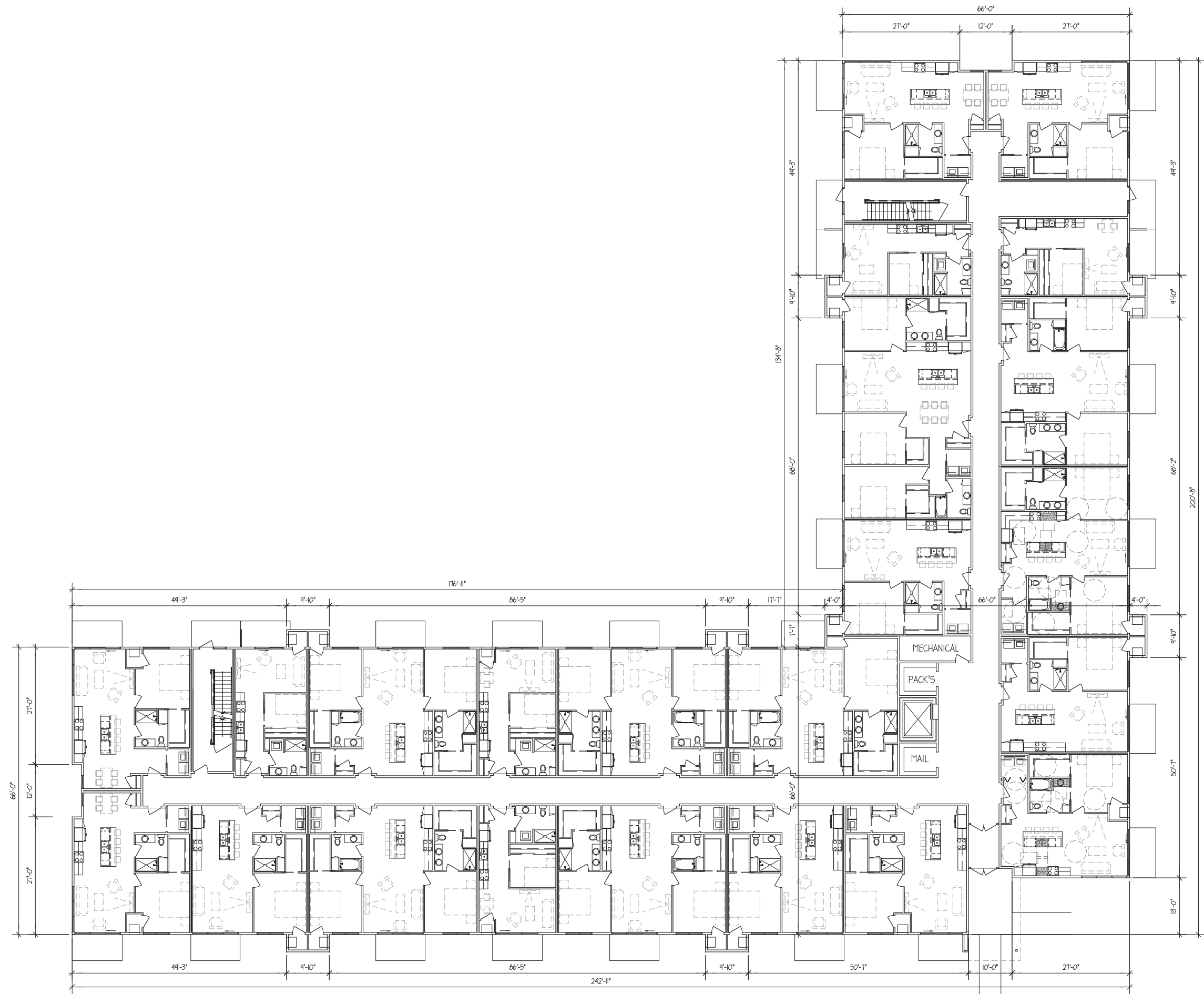


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PROJECT:  
**THE EDISON - PHASE II**  
3614 SOUTH POINT RD, MADISON, WI  
CLIENT:  
**THE EDISON, LLC**  
826 NORTH STAR DRIVE, MADISON, WI 53718

PROJECT: 2020-03  
CAD FILE:  
DRAWN BY: U.K.  
DATE: 05/06/20

## A-0D



FIRST FLOOR PLAN - BLDG.D

3/32" = 1'-0" (24x36)

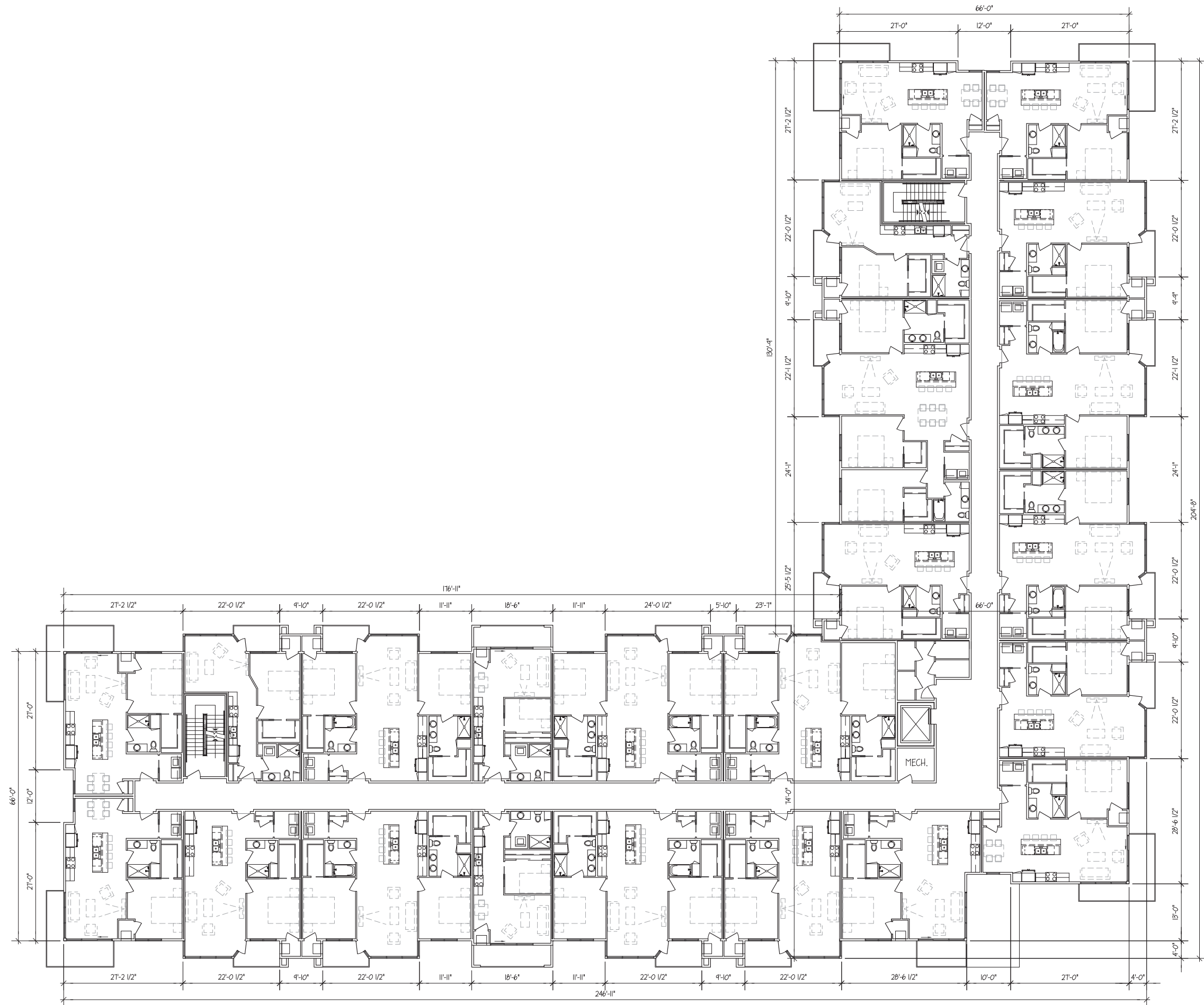


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A-1D



## SECOND/THIRD FLOOR PLAN - BLDG.D

3/32" = 1'-0" (24x36)

0 10' 20' 30' 40'

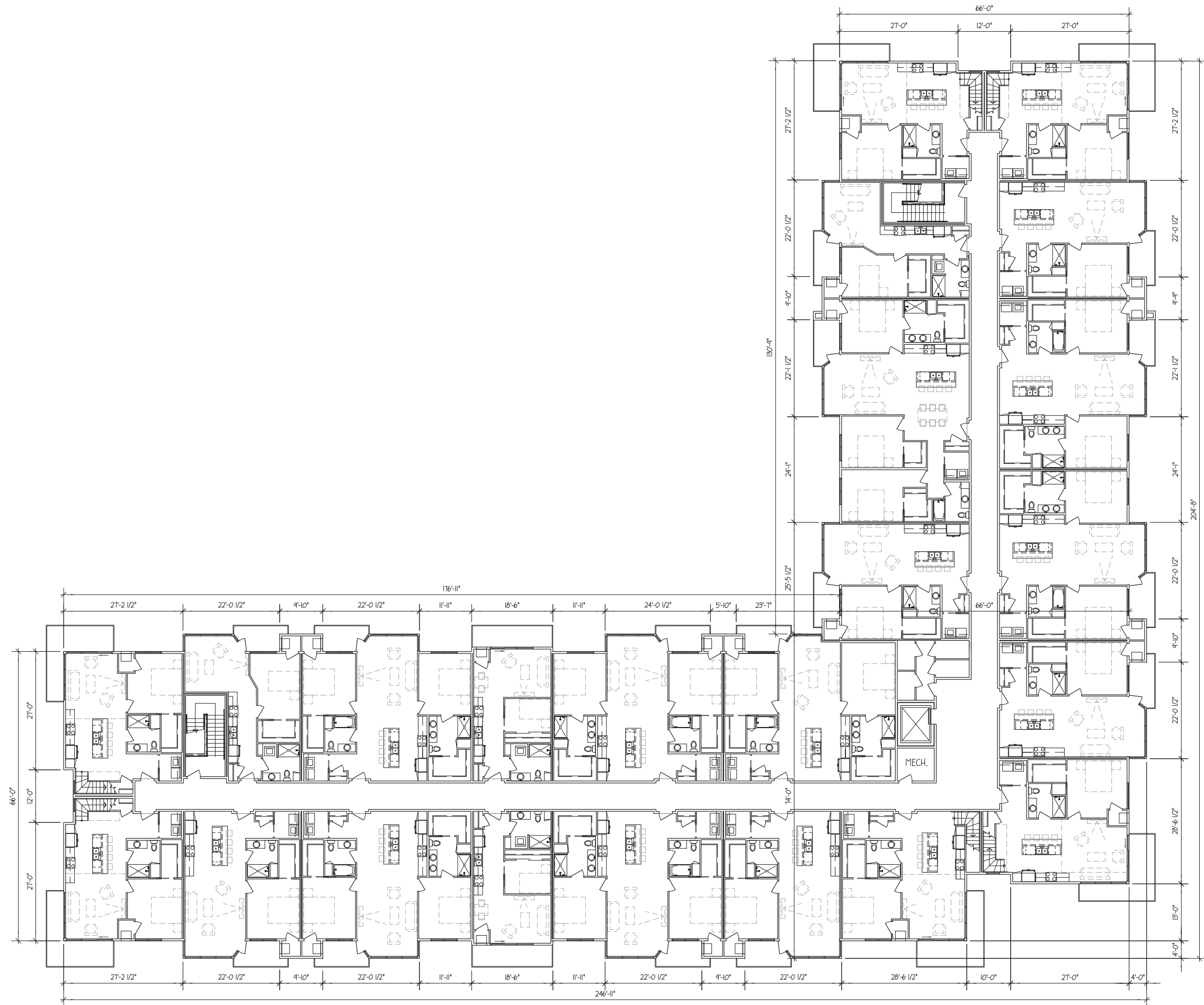


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# A-2D



FOURTH FLOOR PLAN - BLDG.D

3/32" = 1'-0" (24x36)

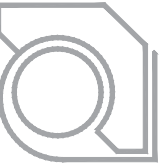


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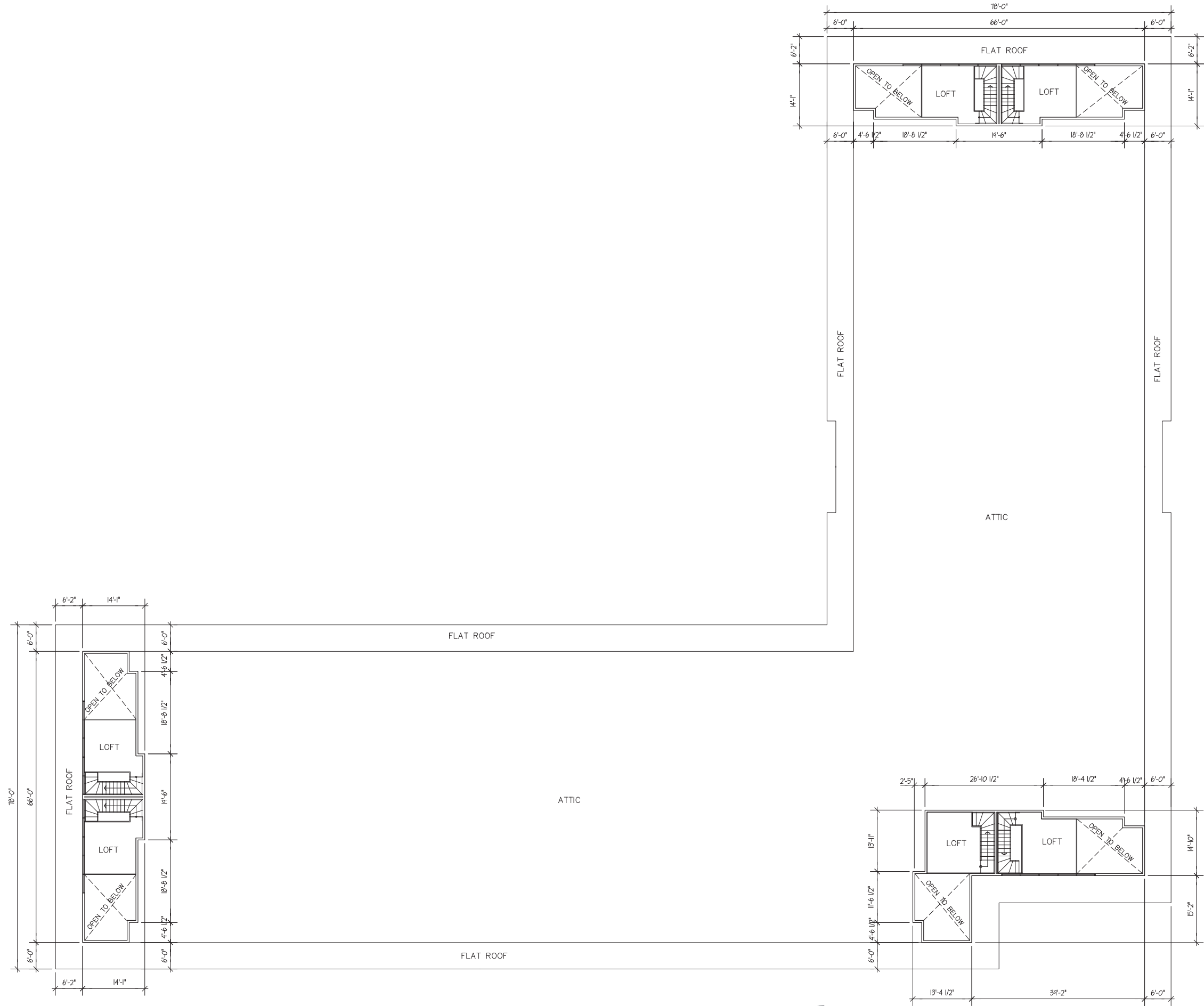
PROJECT:  
**THE EDISON - PHASE II**  
3614 SOUTH POINT RD, MADISON, WI  
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**THE EDISON, LLC**  
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**A-3D**



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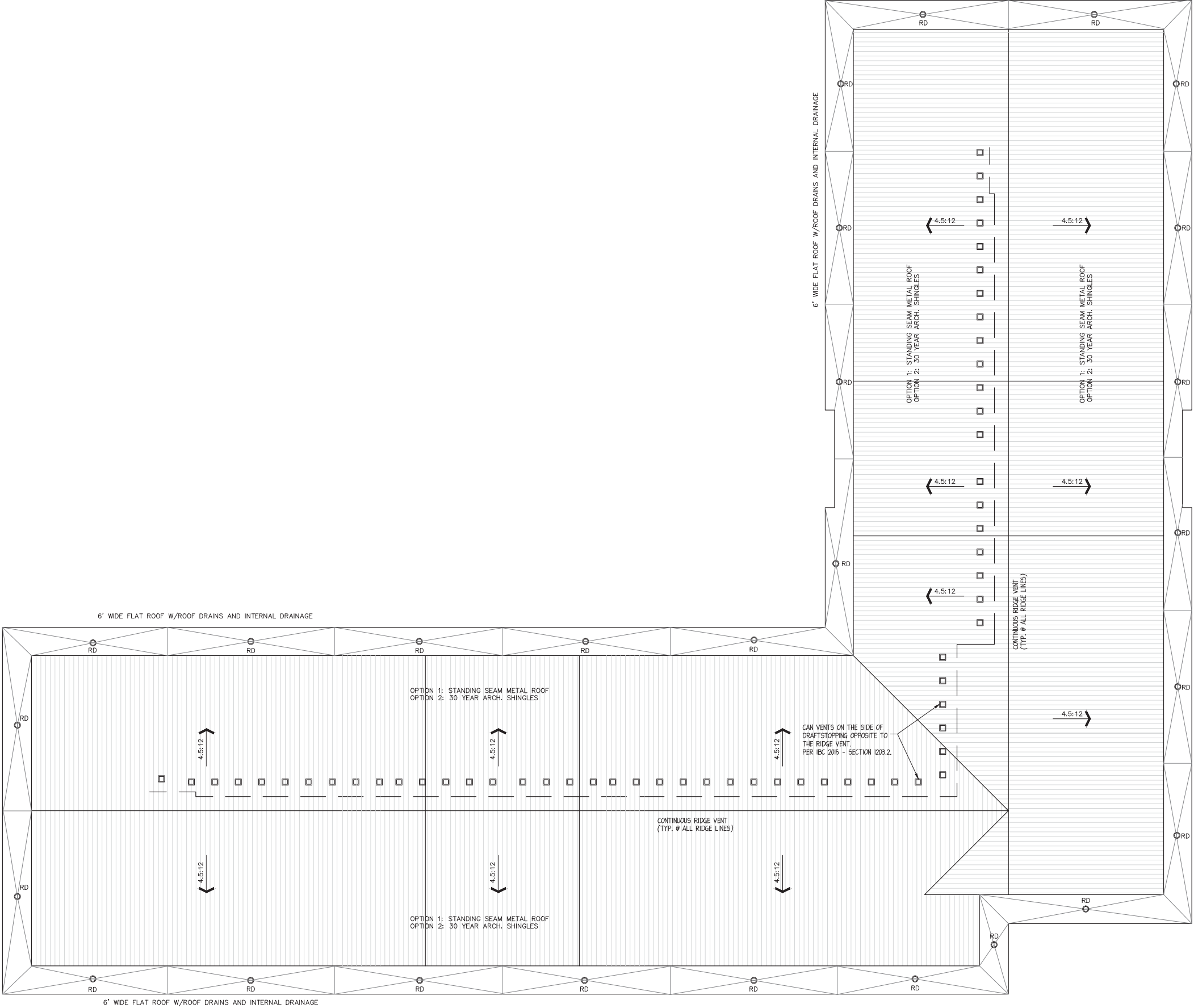
LOFT FLOOR PLAN - BLDG.D

3/32" = 1'-0" (24x36)



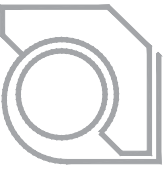
PROJECT:  
THE EDISON - PHASE II  
3614 SOUTH POINT RD, MADISON, WI  
CLIENT:  
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PROJECT: 2020-03  
CAD FILE:  
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DATE: 05/06/20



ROOF PLAN - BLDG.D

3/32" = 1'-0" (24x36)



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DATE: 05/06/20



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### MATERIALS AND COLORS

- ① OPTION-1: STANDING SEAM METAL ROOF  
COLOR: MATCH SW7515  
OPTION-2: 30 YEAR ARCH. SHINGLES  
COLOR: MATCH SW7515
- ② METAL SIDING PANELS  
COLOR: MATCH SW7515
- ③ LP SMART SIDE PANELS  
COLOR: SW6369, TASSEL
- ④ LP SMART SIDE LAP SIDING  
COLOR: SW6369, TASSEL
- ⑤ JH FIBERCEMENT SMOOTH PANELS  
COLOR: SW7515, HOMESTEAD BROWN
- ⑥ LIMESTONE VENEER  
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS  
COLOR: MATCH SW7515
- ⑧ ALUMINUM RAILING  
COLOR: MATCH SW7515



## SOUTH FACADE - BLDG. D

3/32" = 1'-0" (24x36)



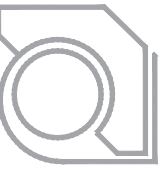
## EAST FACADE - BLDG. D

3/32" = 1'-0" (24x36)

PROJECT:  
**THE EDISON - PHASE II**  
3614 SOUTH POINT RD, MADISON, WI  
CLIENT:  
**THE EDISON, LLC**  
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PROJECT: 2020-03  
CAD FILE:  
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DATE: 05/06/20

# A-6.1D



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## WEST FACADE - BLDG. D

3/32" = 1'-0" (24x36)



### MATERIALS AND COLORS

- ① OPTION-1: STANDING SEAM METAL ROOF  
COLOR: MATCH SW7515  
OPTION-2: 30 YEAR ARCH. SHINGLES  
COLOR: MATCH SW7515
- ② METAL SIDING PANELS  
COLOR: MATCH SW7515
- ③ LP SMART SIDE PANELS  
COLOR: SW6369, TASSEL
- ④ LP SMART SIDE LAP SIDING  
COLOR: SW6369, TASSEL
- ⑤ JH FIBERCEMENT SMOOTH PANELS  
COLOR: SW7515, HOMESTEAD BROWN
- ⑥ LIMESTONE VENEER  
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS  
COLOR: MATCH SW7515
- ⑧ ALUMINUM RAILING  
COLOR: MATCH SW7515



## NORTH FACADE - BLDG. D

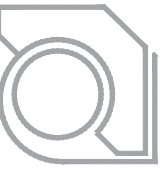
3/32" = 1'-0" (24x36)



PROJECT:  
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PROJECT: 2020-03  
CAD FILE:  
DRAWN BY: U.K.  
DATE: 05/06/20

A-6.2D



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### MATERIALS AND COLORS

- ① OPTION-1: STANDING SEAM METAL ROOF  
COLOR: MATCH SW7515  
OPTION-2: 30 YEAR ARCH. SHINGLES  
COLOR: MATCH SW7515
- ② METAL SIDING PANELS  
COLOR: MATCH SW7515
- ③ LP SMART SIDE PANELS  
COLOR: SW6369, TASSEL
- ④ LP SMART SIDE LAP SIDING  
COLOR: SW6369, TASSEL
- ⑤ JH FIBERCEMENT SMOOTH PANELS  
COLOR: SW7515, HOMESTEAD BROWN
- ⑥ LIMESTONE VENEER  
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS  
COLOR: MATCH SW7515
- ⑧ ALUMINUM RAILING  
COLOR: MATCH SW7515



## SOUTH FACADE(B&W) - BLDG. D

3/32" = 1'-0" (24x36)



## EAST FACADE(B&W) - BLDG. D

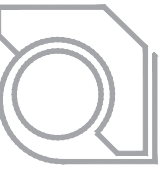
3/32" = 1'-0" (24x36)



PROJECT: **THE EDISON - PHASE II**  
3614 SOUTH POINT RD, MADISON, WI  
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A-7.1D



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WEST FACADE(B&W) - BLDG. D

3/32" = 1'-0" (24x36)



MATERIALS AND COLORS

- ① OPTION-1: STANDING SEAM METAL ROOF  
COLOR: MATCH SW7515  
OPTION-2: 30 YEAR ARCH. SHINGLES  
COLOR: MATCH SW7515
- ② METAL SIDING PANELS  
COLOR: MATCH SW7515
- ③ LP SMART SIDE PANELS  
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COLOR: SW6369, TASSEL
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COLOR: SW7515, HOMESTEAD BROWN
- ⑥ LIMESTONE VENEER  
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS  
COLOR: MATCH SW7515
- ⑧ ALUMINUM RAILING  
COLOR: MATCH SW7515



NORTH FACADE(B&W) - BLDG. D

3/32" = 1'-0" (24x36)

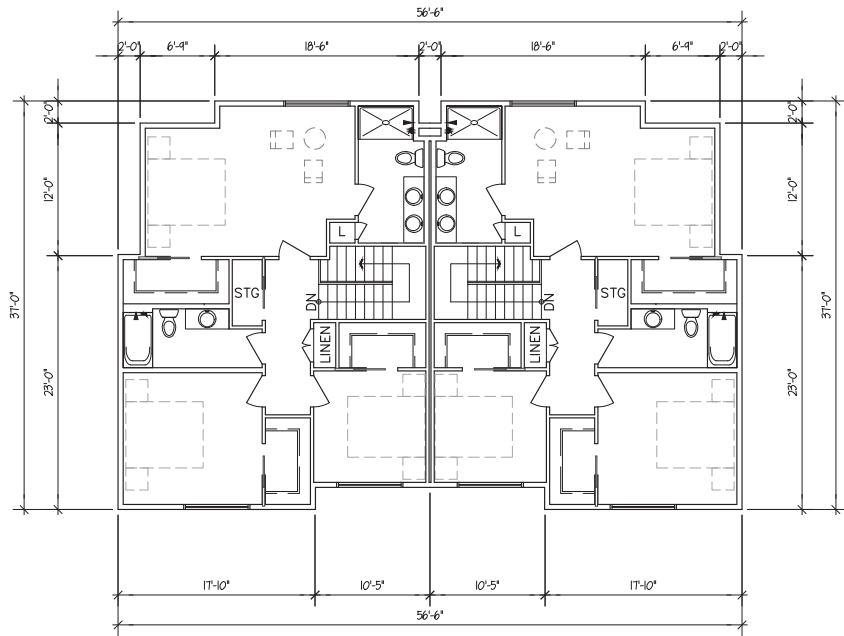


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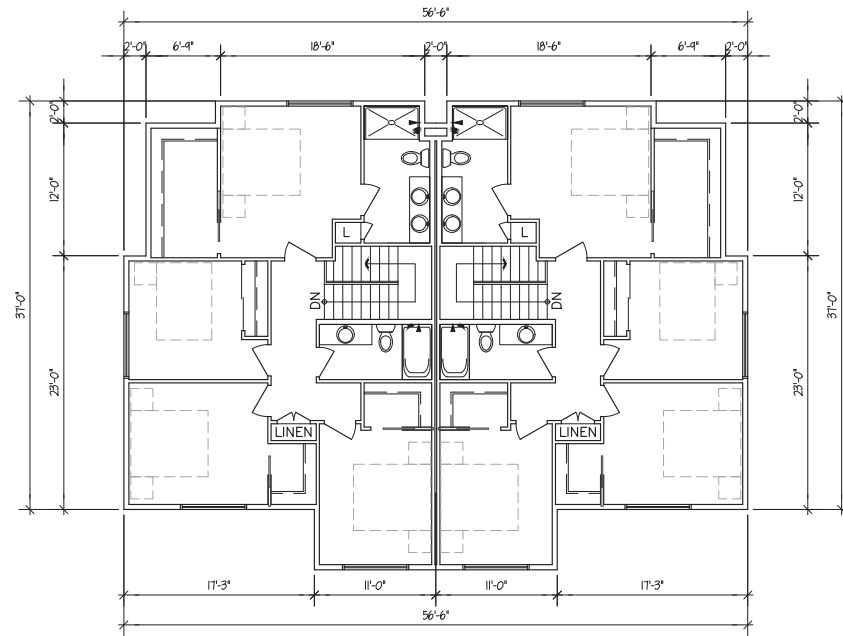
ULIAN KISSIOV  
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476 PRESIDENTIAL LN  
MADISON, WI 53711  
PHONE: 608-320-3151  
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SECOND FLOOR PLAN - 3BR TWIN

1/8" = 1'-0" (24x36)

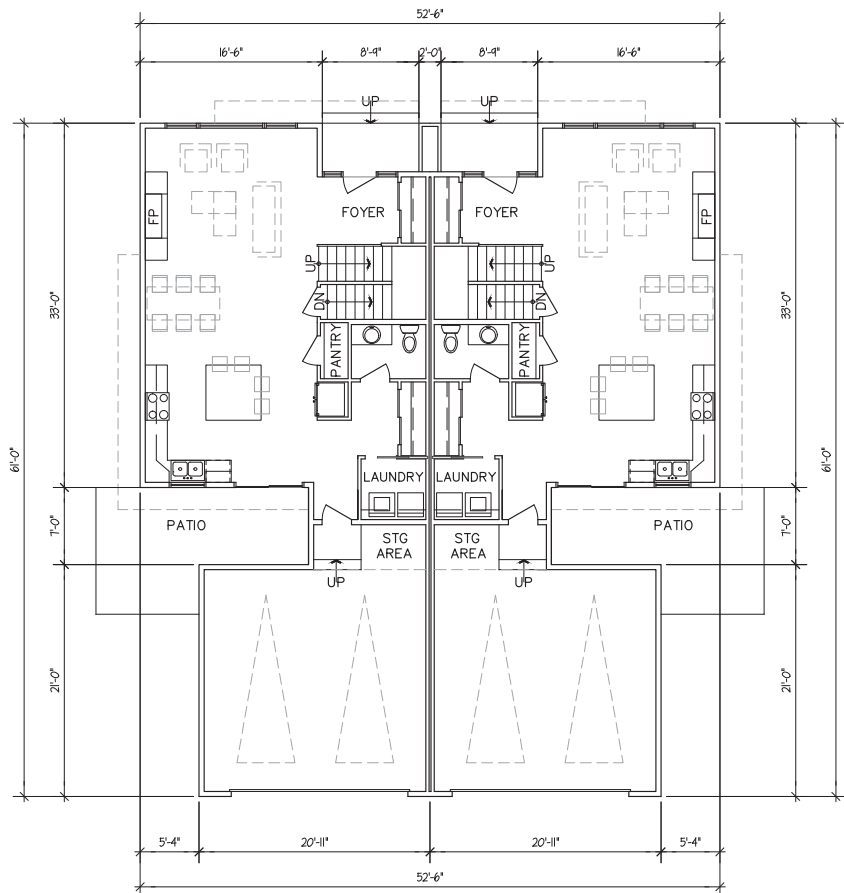
0 5' 10' 15' 20'



SECONDFLOOR PLAN - 4BR TWIN

1/8" = 1'-0" (24x36)

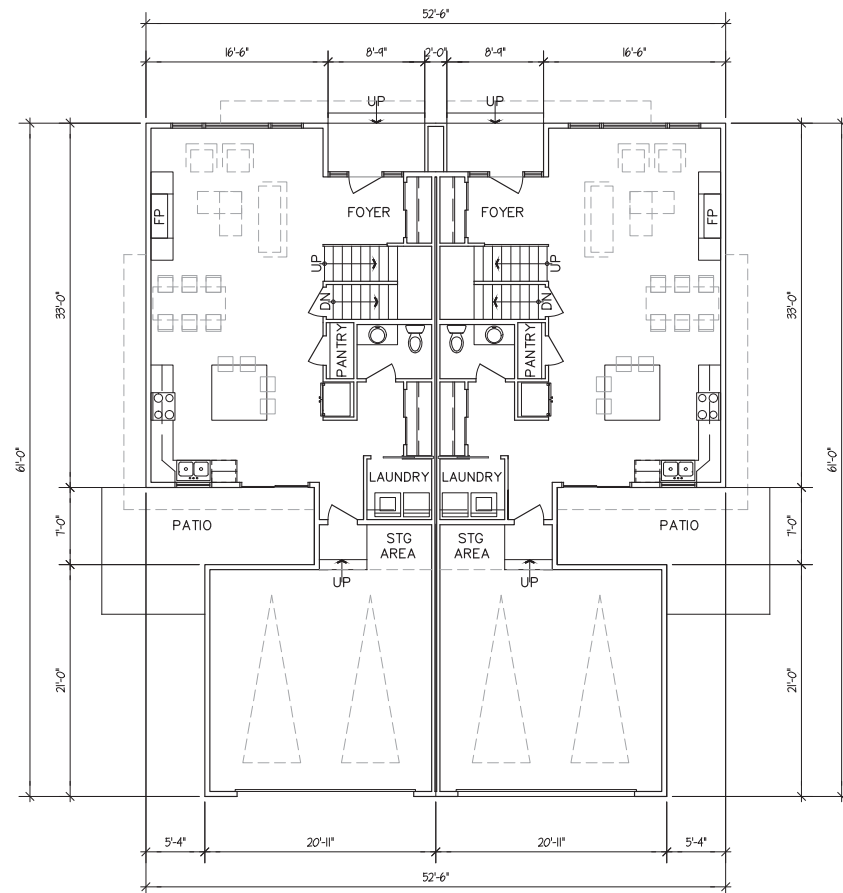
0 5' 10' 15' 20'



FIRST FLOOR PLAN - 3BR TWIN

1/8" = 1'-0" (24x36)

0 5' 10' 15' 20'



FIRST FLOOR PLAN - 4BR TWIN

1/8" = 1'-0" (24x36)

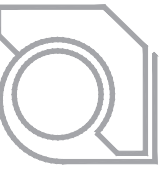
0 5' 10' 15' 20'



PROJECT:  
THE EDISON - PHASE II  
3614 SOUTH POINT RD, MADISON, WI  
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PROJECT: 2020-03  
CAD FILE:  
DRAWN BY: U.K.  
DATE: 05/06/20

A-1TW



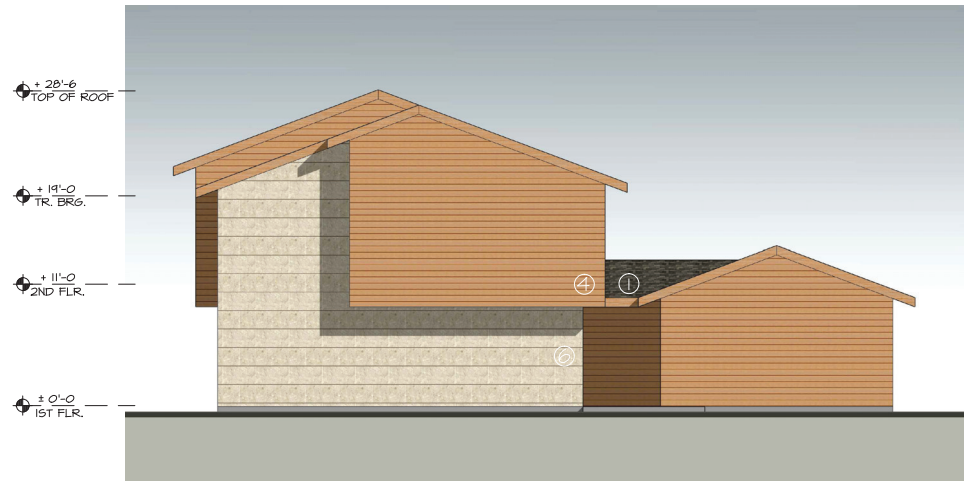
ULIAN KISSIOV  
ARCHITECT  
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PHONE: 608-320-3151  
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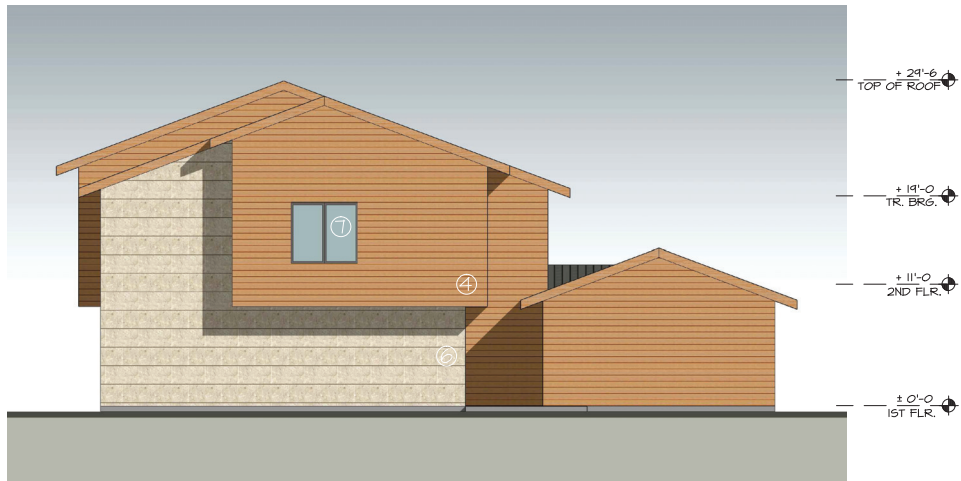
FRONT



FRONT



SIDE



SIDE



REAR

**MATERIALS  
AND COLORS**

- ① 30 YEAR ARCH. SHINGLES  
COLOR: MATCH SW7515
- ④ LP SMART SIDE LAP SIDING  
COLOR: SW6369, TASSEL
- ⑥ LIMESTONE VENEER  
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS  
COLOR: MATCH SW7515



REAR

**EXTERIOR ELEVATIONS - 3BR TWIN**

1/8" = 1'-0" (24x36)  
0 5' 10' 15' 20'

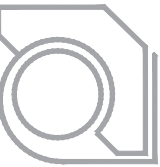
**EXTERIOR ELEVATIONS - 4BR TWIN**

1/8" = 1'-0" (24x36)  
0 5' 10' 15' 20'

PROJECT:  
**THE EDISON - PHASE II**  
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**A-2TW**



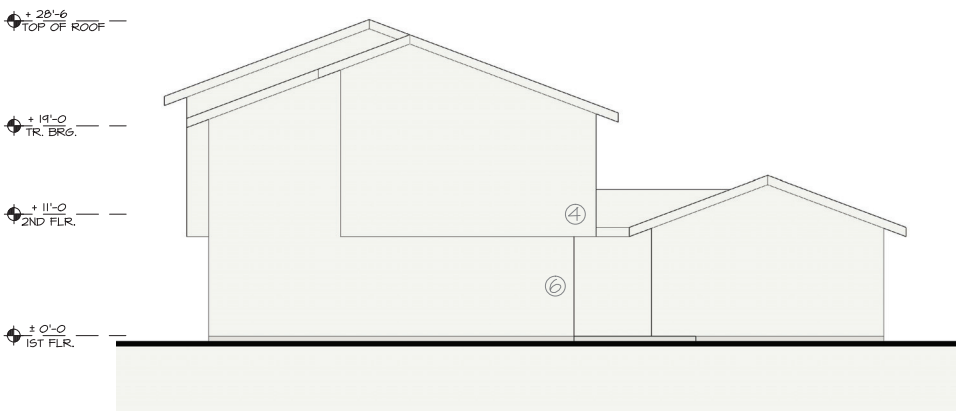
ULIAN KISSIOV  
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PHONE: 608-320-3151  
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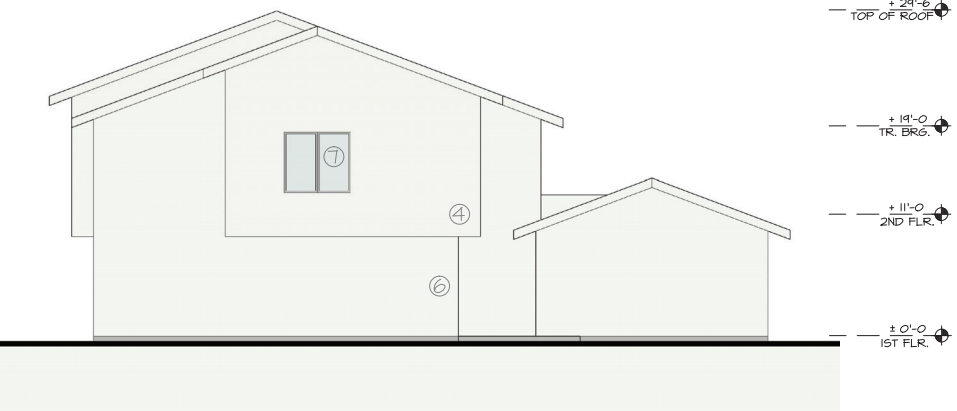
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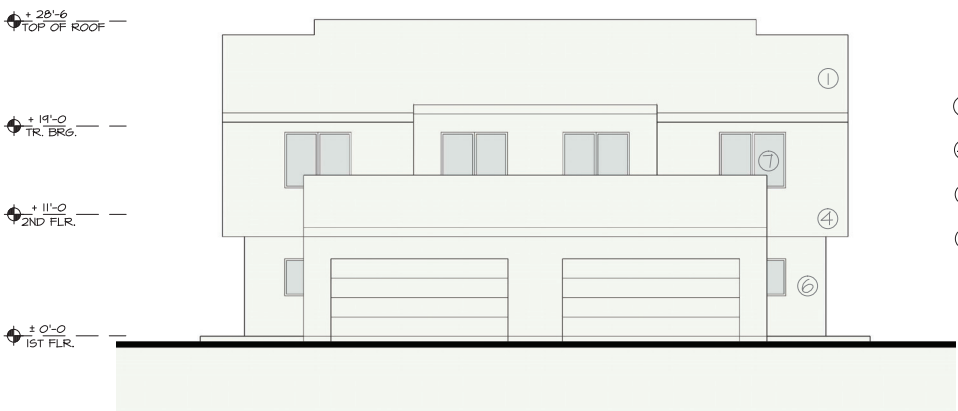
FRONT



SIDE



SIDE



REAR

**MATERIALS  
AND COLORS**

- ① 30 YEAR ARCH. SHINGLES  
COLOR: MATCH SW7515
- ④ LP SMART SIDE LAP SIDING  
COLOR: SW6369, TASSEL
- ⑥ LIMESTONE VENEER  
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS  
COLOR: MATCH SW7515



REAR

**EXTERIOR ELEVATIONS(B&W) - 3BR TWIN**

1/8" = 1'-0" (24x36)



**EXTERIOR ELEVATIONS(B&W) - 4BR TWIN**

1/8" = 1'-0" (24x36)



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PROJECT: 2020-03  
CAD FILE:  
DRAWN BY: U.K.  
DATE: 05/06/20

**A-3TW**

# AIRO LED SERIES AREA/SITE/ROAD LIGHTER

Cat.#

Job

Type



**HUBBELL**  
Outdoor Lighting

Approvals

## SPECIFICATIONS

### Construction:

- Stylish vertically finned die-cast and extruded aluminum for maximum heat dissipation
- Separate optical and electrical compartment for improved thermal management and optimum component operation
- EPA:  
8L – .50ft<sup>2</sup>  
16L – .62 ft<sup>2</sup>  
24L – .74 ft<sup>2</sup>

### Optics:

- Premium engineered individual acrylic lenses deliver IES Type II, III, IV and V distributions
- Lens distributions are field rotatable (in 90° increments) or exchangeable for job site fine-tuning
- 3000K, 4000K, or 5000K (70 CRI) CCT
- Zero uplight

### Electrical:

- Configured with 8, 16, or 24 high current and high output LEDs to replace 150, 250 and 400wHID respectively
- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40° C to 40° C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 10KA and 10KV protection meeting ANSI/IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is consumed

### Controls:

- Photo control, occupancy sensor and wireless available for complete on/off and dimming control

- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V dimming leads available for use with control devices (provided by others, must specify lead length)
- In addition, AIRO can be specified with SiteSync™ wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit [www.hubbelllighting.com/sitesync](http://www.hubbelllighting.com/sitesync) for more details.

### Installation:

- Tool-less entry to wiring/driver compartment
- Universal mounting block works with #2 drill pattern (See page 4 illustration)
- Fixture ships with slotted mounting block to accommodate wide range of drill patterns for easy retrofit opportunities (See page 4 illustration for dimensions)
- Mast arm fitter accessory or option available for 2-3/8" OD brackets

### Finish:

- TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness

### Warranty:

Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

### Listings:

- DesignLights Consortium (DLC) qualified, consult DLC website for more details: <http://www.designlights.org/QPL>
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- 3G rated for ANSI C136.31 high vibration applications
- IP65 optical assembly
- IDA approved

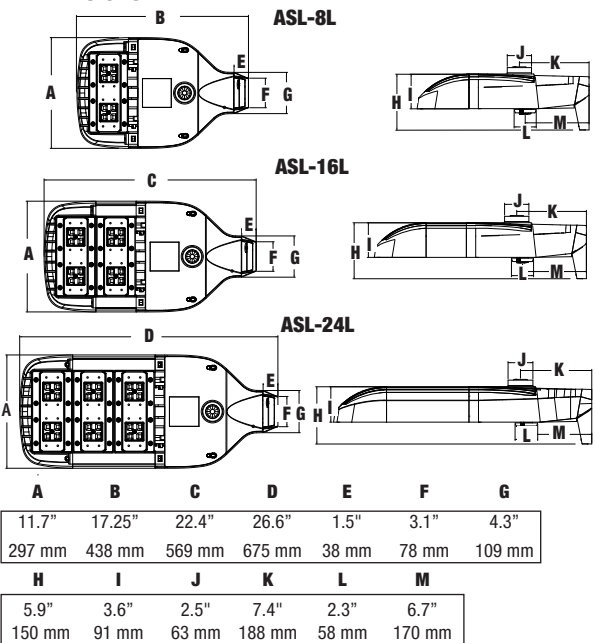
## PRODUCT IMAGE(S)

ASL-24L

ASL-16L

ASL-8L

## DIMENSIONS



## SHIPPING INFORMATION

Catalog Number	G.W(kg)/CTN	Carton Dimensions		
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)
ASL-8L	15 (6.8)	20.75 (52.7)	15.125 (38.4)	6.9375 (17.6)
ASL-16L	19 (8.6)	25 (63.5)	15.125 (38.4)	6.9375 (17.6)
ASL-24L	24 (10.8)	25 (63.5)	15.125 (38.4)	6.9375 (17.6)

## CERTIFICATIONS/LISTINGS



## CONFIGURABLE ORDERING INFORMATION NEXT PAGE



**HUBBELL**  
Outdoor Lighting

Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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## ORDERING INFORMATION

ORDERING EXAMPLE: ASL-A-24L4K-210-4-U-DB

FAMILY	MOUNTING	CCT	DISTRIBUTION	COLOR	OPTIONS
ASL <sup>1</sup> ASL Series	A Arm MAF Mast Arm Fitter	3K 3000K, 70 CRI 4K 4000K, 70 CRI 5K 5000K, 70 CRI	2 IES TYPE II 3 IES TYPE III 4 IES TYPE IV 5 IES TYPE V	BL Black DB Dark Bronze GR Gray PS Platinum Silver WH White CC <sup>4</sup> Custom Color	F Fusing (voltage specified and determined by voltage field) 7PR <sup>2</sup> 7-pin ANSI twist-lock photocell receptacle RPA(X) Round pole adapter (Replace X with 3, 4, 5 or 6 indicating pole diameter) SWP <sup>6</sup> SiteSync pre-commissioned SWPM <sup>6</sup> SiteSync Wireless Pre-Commission w/ Motion Detection
# LEDs		DRIVE CURRENT	VOLTAGE		SCP_F <sup>5,7</sup> Programmable motion sensor with dimming control (line voltage device not for use with 7PR receptacle option and external wireless control devices); A minimum of one SCP-REMOTE accessory remote control required for configuration; Wide lens with motion detection radius TB Terminal block
8L 8 High brightness LEDs		070 <sup>3</sup> 700mA	U Universal 120-277V		
16L 16 High brightness LEDs		140 <sup>5,8</sup> 1400mA	1 120V		
24L 24 High brightness LEDs		210 2100mA	2 208V		
			3 240V		
			4 277V		
			5 480V		
			F 347V		

- 1 - Order poles with #2 drill pattern  
2 - 7-pin ANSI C136.41—2013 receptacle for use with standard Twist-Lock® photo controls, shorting caps, and ANSI C136.41 external wireless control devices with and without motion/occupancy override  
3 - For 24L configurations only  
4 - Contact factory for minimum order quantities  
5 - Not available with 347V or 480V  
6 - Specify group and zone. See SiteSync product page [www.hubbellighting.com/controls/SiteSync](http://www.hubbellighting.com/controls/SiteSync) for more details.  
7 - Specify mounting height; 8 = 8' or less, 40 = 9' to 40'  
8 - Only available with 16L and 24L configurations

### Accessories and Services (Ordered Separately)

Catalog Number	Description
SCP-REMOTE	Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor
SWUSB*	SiteSync interface software loaded on USB flash drive for use with owner supplied PC (Windows based only). Includes SiteSync license, software and USB radio bridge node
SWTAB*	Windows tablet and SiteSync interface software. Includes tablet with preloaded software, SiteSync license and USB radio bridge node.
SWBRG	SiteSync USB radio bridge node only. Order if a replacement is required or if an extra bridge node is requested.
SW7PR*	SiteSync 7 Pin on fixture module On/Off/Dim, Daylight Sensor 120-480VAC

\* When ordering SiteSync at least one of these two interface options must be ordered per project.  
+ Available as a SiteSync retrofit solution for fixtures with an existing 7pin receptacle.

## ORDERING INFORMATION - STOCK CONFIGURATIONS

Catalog Number	Description	Mtg.	Distribution	Wattage	# Drivers Drive Current	Voltage	CCT	Lumens	LPW	Weight lbs. (kg)
ASL-16L-3	Medium size 16 LED configuration, Dark Bronze	Arm	Type III	115	1@2100mA	120V-277V	4000K	12,674	110	18 (8.16)
ASL-16L-4	Medium size 16 LED configuration, Dark Bronze	Arm	Type IV	115	1@2100mA	120V-277V	4000K	12,974	113	18 (8.16)
ASL-24L-3	Large size 24 LED configuration, Dark Bronze	Arm	Type III	169	1@2100mA	120V-277V	4000K	18,595	110	20 (9.07)
ASL-24L-4	Large size 24 LED configuration, Dark Bronze	Arm	Type IV	169	1@2100mA	120V-277V	4000K	19,036	113	20 (9.07)

## Hubbell Control Solutions - Accessories (sold separately)

Catalog Number	Description	HCS System
NX0FM-1R1D-UNV	On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with HubbNET Radio and Bluetooth® Radio, 120-480VAC	NX Distributed Intelligence™
WIR-RME-L	On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with wiSCAPE Radio, 110-480VAC	wiSCAPE® Lighting Control

For additional information related to these accessories please visit [www.hubbellcontrolsolutions.com](http://www.hubbellcontrolsolutions.com). Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

## SiteSync 7-Pin Module



SW7PR

- SiteSync Features in a new form
- Available as an accessory for new construction or retrofit applications (with existing 7-Pin receptacle)
- Available on all products that have a 7-Pin receptacle
- Does not interface with occupancy sensors



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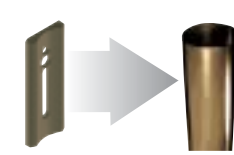
Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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## ACCESSORIES - Order Separately

Catalog Number	Description
ASL-MAF	Mast arm kit with wildlife shield for mounting on 2 3/8" OD arms
SETA2-XX <sup>1</sup>	Square pole tenon adapter (4 at 90 degrees) (2 3/8" OD tenon)
RETA2-XX <sup>1</sup>	Round pole tenon adapter (4 at 90 degrees) (2 3/8" OD tenon), requires CL1S-RPA4-ACC-XX for each luminaire
TETA2-XX <sup>1</sup>	Hexagonal pole tenon adapter (3 at 120 degrees) (2 3/8" OD tenon)
ASL-EHS-BL	External house side shield (1 kit contains 6 shields)
ASL-ESS-BL	External side shield (1 kit contains 6 shields)
ASL-ARMTG-XX <sup>1</sup>	Arm mounting kit for side of pole attachment
SCP-REMOTE	Remote control for SCPW option. Order at least one per project to program and control
CL1S-RPA4-ACC-XX <sup>1</sup>	Round Pole Adapter (* denotes pole diameter; 3 = 3 1/4" - 3 3/4"; 4 = 3 7/8" - 6")
WB-AREA-XX <sup>1</sup>	Wall bracket. Requires universal mounting block option.
PTL-1	Photocontrol - twist-lock cell (120V) - Requires 7PR option
PTL-8	Photocontrol - twist-lock cell (120-277V) - Requires 7PR option
PSC	Shorting cap - twist-lock - Requires 7PR option
ASL8L2LENS	Type II, 2 lenses included (see table to right for kit quantities)
ASL8L3LENS	Type III, 2 lenses included (see table to right for kit quantities)
ASL8L4LENS	Type IV, 2 lenses included (see table to right for kit quantities)
ASL8L5LENS	Type V, 2 lenses included (see table to right for kit quantities)

1 - Replace XX with color choice, eg.: DB for Dark Bronze



**ROUND POLE ADAPTER**



**WB-AREA-XX**



**ASL8L2LENS**



**ASL8L3LENS**



**ASL8L4LENS**



**ASL8L5LENS**

Product	Number of Kits	Number of Lenses
ASL8L	1	2
ASL16L	2	4
ASL24L	3	6



**SPOKE BRACKET** (single arm shown)  
Horizontal round arm tenon adapters for use with MAF mounting type or accessory kit. Reference SH Spoke Pole Top Brackets for ordering information.

### ASL-MAF installed

ASL-MAF – Fits 2-3/8" OD arms



**ASL-EHS-BL**

### Wall Mount Accessory

**WB-AREA-XX** wall mount bracket designed for building mount applications



## PERFORMANCE DATA

# OF LEDS	DRIVE CURRENT	SYSTEM WATTS	DIST. TYPE	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 70 CRI)				
				LUMENS	LPW <sup>1</sup>	B	U	G	LUMENS	LPW <sup>1</sup>	B	U	G	LUMENS	LPW <sup>1</sup>	B	U	G
8	2100	59	2	6628	112	1	0	1	6563	111	1	0	1	5906	100	1	0	1
			3	6455	109	1	0	1	6391	108	1	0	1	5752	97	1	0	1
			4	6607	112	1	0	1	6542	111	1	0	1	5888	100	1	0	1
			5	6512	110	3	0	1	6448	109	3	0	1	5803	98	3	0	1
16	1400	56	2	7609	136	2	0	2	7492	134	2	0	2	6830	122	1	0	1
			3	7410	133	2	0	2	7296	131	2	0	2	6652	119	1	0	1
			4	7586	136	1	0	2	7469	134	1	0	2	6809	122	1	0	1
			5	7476	134	3	0	2	7361	132	3	0	1	6711	120	3	0	1
16	2100	115	2	13145	114	2	0	2	13015	113	2	0	2	11713	102	2	0	2
			3	12801	111	2	0	2	12674	110	2	0	2	11406	99	2	0	2
			4	13104	114	2	0	2	12974	113	2	0	2	11676	102	2	0	2
			5	12915	112	4	0	2	12788	111	4	0	2	11509	100	4	0	2
24	1400	114	2	14744	129	3	0	3	14517	127	2	0	3	13336	117	2	0	2
			3	14358	126	3	0	3	14137	124	3	0	3	12987	114	2	0	2
			4	14698	129	2	0	2	14472	127	2	0	2	13295	117	2	0	2
			5	14486	127	4	0	2	14263	125	4	0	2	13103	115	4	0	2
24	2100	169	2	19286	114	3	0	3	19095	113	3	0	3	17186	102	3	0	3
			3	18781	111	3	0	3	18595	110	3	0	3	16736	99	2	0	2
			4	19227	114	3	0	2	19036	113	3	0	2	17133	101	2	0	2
			5	18949	112	4	0	2	18761	111	4	0	2	16885	100	4	0	2
24	700	225	2	21063	94	3	0	3	20880	93	3	0	3	18474	82	3	0	3
			3	21111	94	3	0	3	20927	93	3	0	3	18516	82	3	0	3
			4	21258	94	3	0	2	21073	94	3	0	2	18645	83	3	0	2
			5	21331	95	4	0	2	21145	94	4	0	2	18709	83	4	0	2

1 - Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

## ELECTRICAL DATA

# OF LEDS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	SYSTEM POWER (w)	CURRENT (Amps)
8	1@(2100mA)	120	59	0.49
		208	59	0.28
		240	59	0.25
		277	59	0.21
16	1@(1400mA)	120	56	0.47
		277	56	0.20
16	1@(2100mA)	120	115	0.96
		208	115	0.55
		240	115	0.48
		277	115	0.42
24	1@(1400mA)	120	114	0.95
		277	114	0.41
24	1@(2100mA)	120	169	1.41
		208	169	0.81
		240	169	0.70
		277	169	0.61
24	1@(700mA)	120	225	1.88
		208	225	1.08
		240	225	0.94
		277	225	0.81

## LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0° C	32° F	1.06
10° C	50° F	1.03
20° C	68° F	1.01
25° C	77° F	1.00
30° C	86° F	0.99
40° C	104° F	0.97
50° C	122° F	0.94

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

## PROJECTED LUMEN MAINTENANCE

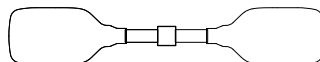
Ambient Temp.	OPERATING HOURS					L70 (hours)
	0	25,000	TM-21-11 <sup>1</sup> L90 36,000	50,000	100,000	
25°C / 77°F	1.00	0.93	0.90	0.86	0.75	>125,000
40°C / 104°F	0.99	0.90	0.86	0.81	0.67	>88,000

1. Projected per IESNA TM-21-11 (\* Cree XP-L, 2100mA, 105°C Ts, 6,000hrs)

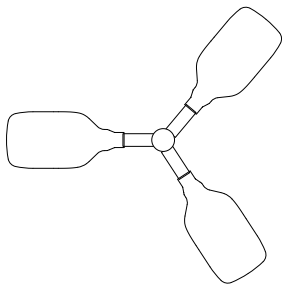
## EPA



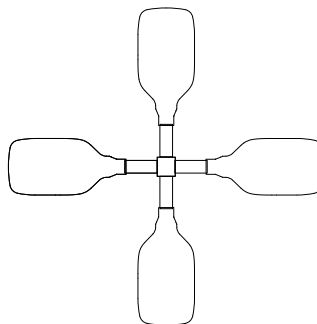
Config.	Luminaire	EPA
1 @ 90°	ASL8L	.50
	ASL16L	.62
	ASL24L	.74



Config.	Luminaire	EPA
2 @ 180°	ASL8L	1.00
	ASL16L	1.24
	ASL24L	1.48



Config.	Luminaire	EPA
3 @ 120°	ASL8L	.88
	ASL16L	.99
	ASL24L	1.11



Config.	Luminaire	EPA
4 @ 90°	ASL8L	1.42
	ASL16L	1.66
	ASL24L	1.90



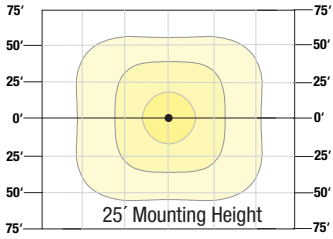
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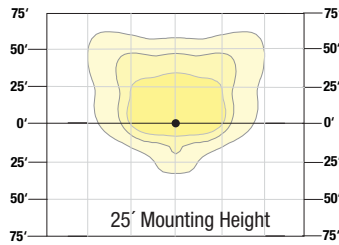
Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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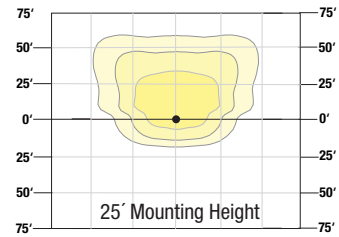
ASL-24L-5K Type V



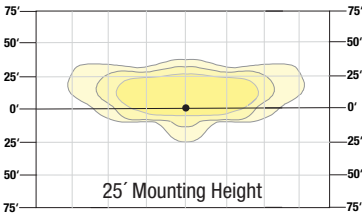
ASL-24L-5K Type IV



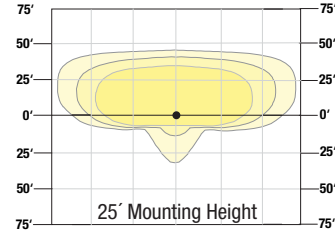
ASL-24L-5K Type IV HS



ASL-24L-5K Type II

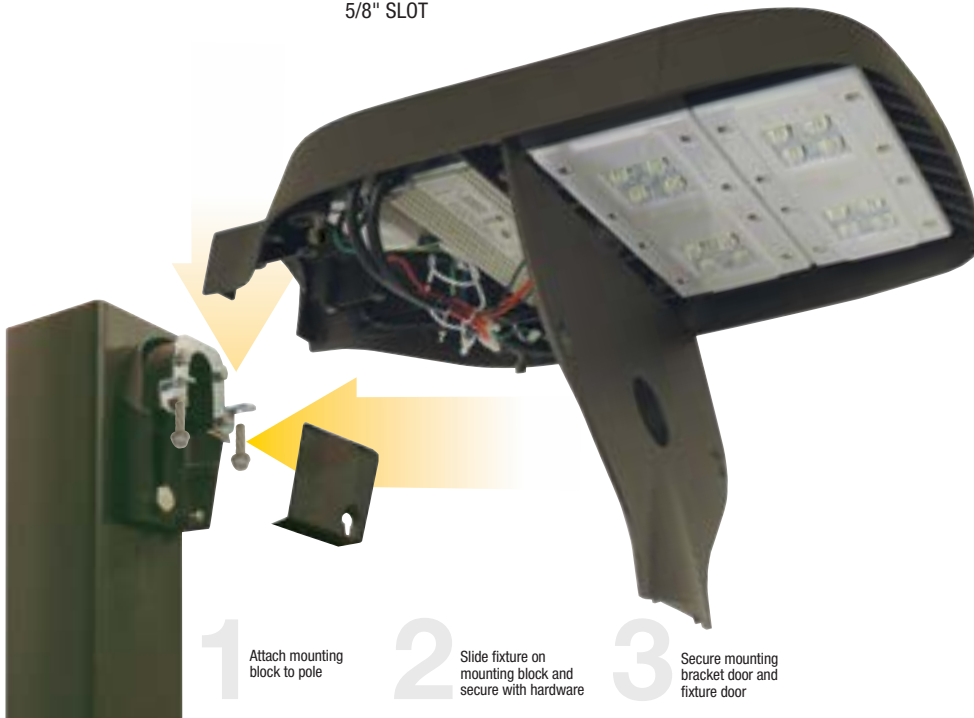
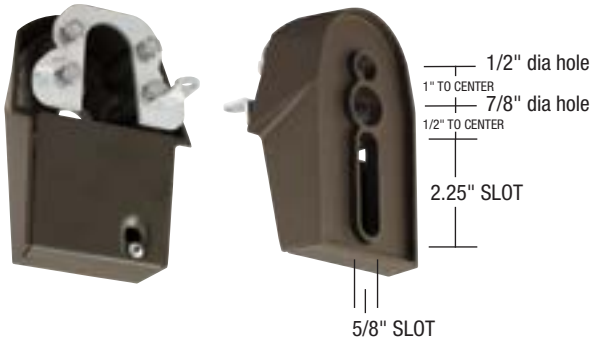


ASL-24L-5K Type III



### ARM/MOUNTING BLOCK

Fixture ships with universal mounting block for ease of installation. Compatible with #2 drill pattern.



### SWP & SWPM - SiteSync™



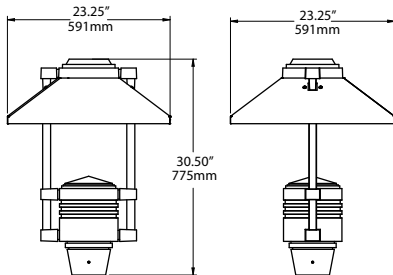
SiteSync Lighting Control is available from our most popular brands in a broad range of award-winning product families.

## FEATURES

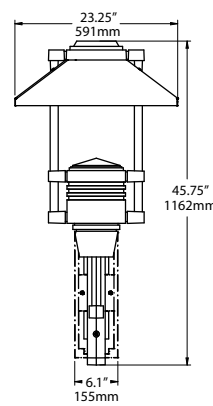
- Reliable, uniform, glare free illumination
- Types II, III, IV, V distributions
- 3000K, 4000K, 5000K CCT
- 0-10V dimming ready
- Integral surge suppression
- Integral thermal protection
- 13 standard powder coat finishes



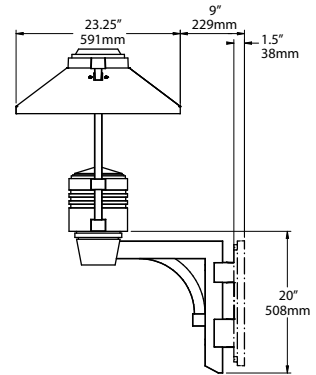
## SPECIFICATIONS



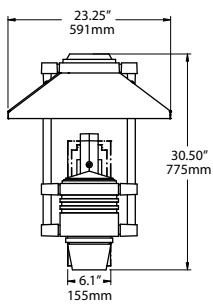
POST TOP  
WT: 57 lbs. EPA: 2.35



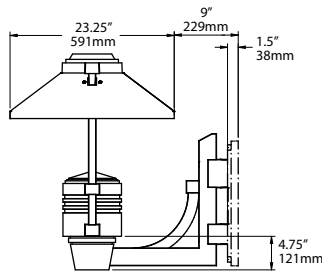
PSA-TU  
(Top of Arm Mounted Luminaire  
Upward Swept Arm Design)  
WT: 65 lbs. EPA: 2.83



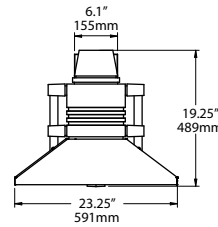
PSWM-TU  
(Top of Wall Mounted Luminaire  
Upward Swept Arm Design)  
WT: 69 lbs. EPA: 3.05



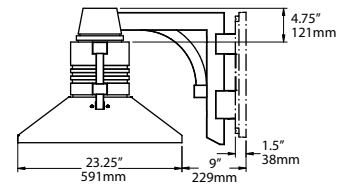
PSA-TD  
(Top of Arm Mounted Luminaire  
Downward Swept Arm Design)  
WT: 65 lbs. EPA: 2.83



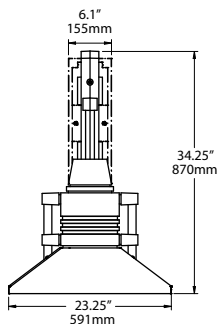
PSWM-TD  
(Top of Wall Mounted Luminaire  
Downward Swept Arm Design)  
WT: 69 lbs. EPA: 3.05



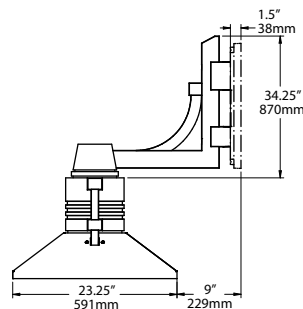
PSA-BU  
(Below Arm Mounted Luminaire  
Upward Swept Arm Design)  
WT: 65 lbs. EPA: 2.54



PSWM-BU  
(Below Wall Mounted Luminaire  
Upward Swept Arm Design)  
WT: 69 lbs. EPA: 2.76



PSA-BD  
(Below Arm Mounted Luminaire  
Downward Swept Arm Design)  
WT: 65 lbs. EPA: 2.54

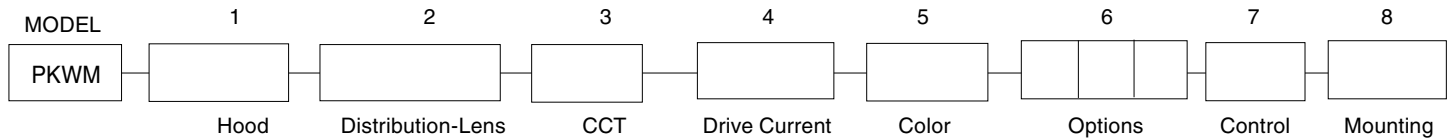


PSWM-BD  
(Below Wall Mounted Luminaire  
Downward Swept Arm Design)  
WT: 69 lbs. EPA: 2.76



3000K and warmer CCTs only

## ORDERING INFORMATION



### 1. HOOD

ANGLED  
ANG

### 2. DISTRIBUTION

Horizontal LED – Clear Lens

Y2HC  
Y3HC  
Y4HC  
Y5HC

Horizontal LED – Diffused Lens

Y2HD  
Y3HD  
Y4HD  
Y5HD

### 3. COLOR TEMPERATURE

32LED-3K  
32LED-4K  
32LED-5K

### 4. DRIVE CURRENT (120-277 VAC input)

700 (688mA, 73 watts)  
500 (500mA, 53 watts)

### 5. COLOR

WH Arctic White	VBU Verde Blue
BL Black	CRT Corten
BLT Matte Black	MAL Matte Aluminum
DB Dark Bronze	MG Medium Grey
DGN Dark Green	AGN Antique Green
TT Titanium	LG Light Grey
WDB Weathered Bronze	RAL Premium Color
MDB Bronze Metallic	CUSTOM * * Contact Factory

### 6. OPTIONS

FUSING  
FS1 (Single fuse holder)

### HOOD FINISH

COP (Copper) STS (Stainless steel)

### 7. CONTROL

SCP (Sensor Control Programmable) pole accessory is available to provide occupancy detection for outdoor applications meeting California Title 24. For complete spec sheet and ordering information, visit [www.aal.net/products/sensor\\_control\\_programmable/](http://www.aal.net/products/sensor_control_programmable/)

**8. MOUNTING** – Standard mounting slips over a 4"/100mm open top square pole or tenon or may choose one

### TENON MOUNT

TA23 (Tenon adapter slips over 2 3/8" O.D x 4" long tenon. Required for poles by others or used in conjunction with TEN pole option by AAL.)

### WALL MOUNT

PSWM-TU (Fixture above with arm mounted up)  
PSWM-TD (Fixture above with arm mounted down)  
PSWM-BU (Fixture below with arm mounted up)  
PSWM-BD (Fixture below with arm mounted down)

**POLE MOUNTED ARM** – mounts to the side of a square pole or to the side of a 4"od pole (specify)

PSA-TU (Fixture above with arm mounted up)  
PSA-TD (Fixture above with arm mounted down)  
PSA-BU (Fixture below with arm mounted up)  
PSA-BD (Fixture below with arm mounted down)

Visit [www.aal.net](http://www.aal.net) for Arms, Poles & Accessories Specification Guide

## LUMINAIRE PERFORMANCE

Optical System	Lens	Distribution	Light Engine	Luminaire Performance Data														Drive Current (ma)	System Watts	
				3K					4K					5K						
				Delivered Lumens	Efficacy (lm/w)	Bug Rating			Delivered Lumens	Efficacy (lm/w)	Bug Rating			Delivered Lumens	Efficacy (lm/w)	Bug Rating				
B	U	G	B			U	G	B			U	G								
YLED	Clear Lens	TYPE 2	Y2HC	4,116	58	1	0	1	5,374	75	1	0	1	5,834	82	2	0	2	700	71
		TYPE 3	Y3HC	4,087	57	1	0	1	5,336	75	1	0	1	5,794	81	1	0	1		
		TYPE 4	Y4HC	3,988	56	1	0	1	5,206	73	1	0	1	5,653	79	1	0	1		
		TYPE 5	Y5HC	3,941	55	2	0	1	5,139	72	3	0	1	5,580	78	3	0	1	500	50
		TYPE 2	Y2HC	3,192	64	1	0	1	4,168	83	1	0	1	4,525	91	1	0	1		
		TYPE 3	Y3HC	3,170	63	1	0	1	4,140	83	1	0	1	4,494	90	1	0	1		
		TYPE 4	Y4HC	3,097	62	1	0	1	4,044	81	1	0	1	4,404	88	1	0	1		
	Diffused Lens	TYPE 5	Y5HC	3,057	61	2	0	1	3,992	80	2	0	1	4,346	87	2	0	1	700	71
		TYPE 2	Y2HD	3,306	46	1	0	1	4,311	60	1	0	1	4,681	66	2	0	1		
		TYPE 3	Y3HD	3,211	45	1	0	1	4,187	59	1	0	1	4,546	64	1	0	1		
		TYPE 4	Y4HD	3,181	45	1	0	1	4,148	58	1	0	1	4,504	63	2	0	1	500	50
		TYPE 5	Y5HD	3,101	44	1	0	1	4,054	57	2	0	1	4,428	62	2	0	1		
		TYPE 2	Y2HD	2,569	51	1	0	1	3,350	67	1	0	1	3,638	73	1	0	1		
		TYPE 3	Y3HD	2,500	50	1	0	1	3,260	65	1	0	1	3,539	71	1	0	1		
		TYPE 4	Y4HD	2,468	49	1	0	1	3,222	64	1	0	1	3,710	74	1	0	1		
		TYPE 5	Y5HD	2,412	48	1	0	1	3,149	63	1	0	1	3,509	70	1	0	1		

## ELECTRICAL CHARACTERISTICS

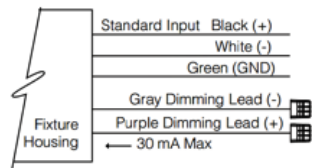
Optical System	Ordering Code		Electrical Characteristics							Inrush Current				Dimming	
			LED Drive mA	System Watts	Amps AC		Min. Power Factor	Max THD (%)	Operating Temp. Range	120V		277V		Dimming Range	Source Current out of 0-10V Purple Wire
					120	277				Ipeak (A)	T(@50% of Ipeak)	Ipeak (A)	T(@50% of Ipeak)		
YLED	32LED	700	688	71	0.6	0.3	0.9	15	-30°C TO +60°C	50	142 μS	116	138 μS	5% to 10%	150 μA
		500	500	50	0.4	0.2									

## LED COLOR

	Ordering Code		
	3K	4K	5K
CCT Average	3000K	4000K	5000K
CRI Minimum	≥ 70	≥ 70	≥ 70

## WIRING LEADS

Luminaires not configured with wiHUBB or photo-control shall be provided with 0-10 purple and gray dimming leads.



## TM-21 LIFETIME CALCULATION

Optical System	Ordering Code	Ambient Environment °C	Projected Lumen Maintenance (% vs. Khrs)					Reported L70
			15	25	50	60	100	
YLED	32LED	15	98	97	96	95	93	>60Khrs
		25	96	96	94	93	90	
		40	96	94	91	90	86	

## SPECIFICATIONS

### HOUSING

- All housing components shall be cast aluminum, sealed with continuous silicone rubber gaskets.
- Hoods shall be of fabricated construction with seamless blended outside corners. Optional natural stainless steel and or natural copper hoods shall have a horizontal brushed grain. Natural copper hoods shall naturally oxidize over time.
- Secondary lens shall be clear flat tempered soda lime glass.
- All internal and external hardware shall be stainless steel.

### OPTICAL

- LEDs shall be mounted to a metal printed circuit board assembly (MCPCB) with a uniform conformal coating over the panel surface and electrical features.
- LED optics shall be clear injection molded PMMA acrylic.
- MCPCB and optic shall be sealed to a die-cast anodized aluminum heat sink with an injection molded silicone rubber gasket. IP66.

### ELECTRICAL

- Luminaires shall have integral surge protection that shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J.
- Drivers shall be U.L. recognized with an inrush current maximum of <20.0 Amps maximum at 230VAC.
- Drivers shall not be compatible with current sourcing dimmers, consult factory for current list of known compatible dimming systems, approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV.
- Luminaire shall be capable of operating at 100% brightness in a 40°C environment. Both driver and optical array shall have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C.

### CONTROLS

- SCP shall have an integral surge protection device with a current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J
- Sensor not intended for use with additional photo-control, wireless control or dimming systems.

### SERVICING

- Gear compartment shall be accessed via the removal of four 1/4-20 fasteners. Driver and surge suppressor shall be mounted to a pre-wired tray with quick disconnects that may be removed from the gear compartment.

### ARM MOUNTING

- Luminaire shall be attached to the arm assembly with four 1/4-20 stainless steel bolts. The connection shall be sealed with a silicone compression gasket.
- Pole mounted arms shall bolt to a square pole or a 4"/100mm diameter round pole and secured with two bolts with a minimum 3/8-16 thread size, hardware by others.
- Wall mounted arms and brackets shall require mounting hardware by others.

### FINISH

- Luminaire finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish.
- Luminaire finish shall meet the AAMA 2604-05 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

### CERTIFICATION

- Luminaire shall be listed with ETL for outdoor, wet location use, UL1598, UL 8750 and Canadian CSA Std. C22.2 no.250.

### WARRANTY / TERMS AND CONDITIONS OF SALE

Download:

<http://www.hubbellighting.com/resources/warranty/>

# SLING Series

SLENDER WALLPACK

tradeSELECT®

## FEATURES

- Two sizes for a variety of applications
- Ranges from 10W to 80W with up to 8000 lumens
- SG1 Series replaces from 100W-150W HID; SG2 Series replaces from 150W-250W HID
- Comfort lens available as an option or accessory provides glare control and enhanced uniformity
- Knuckle and trunnion accessory mounting kits available for flood applications
- IP65 and certified to UL 1598 for use in wet locations up to 40°C ambient
- DLC (DesignLights Consortium Qualified - see [www.designlights.org](http://www.designlights.org))



\*3000K and warmer CCTs only



## RELATED PRODUCTS

- [LNC Litepak](#)    [LNC2 Litepak](#)    [LNC3 Litepak](#)  
[LNC4 Litepak](#)    [GeoPak](#)    [GeoPak2](#)

## SPECIFICATIONS

### HOUSING

- Rugged die-cast aluminum housing with corrosion resistant powder coat finish
- Heating dissipating fins provide superior thermal performance extending the life of the electronic components
- Impact resistant tempered glass offers zero uplight
- Comfort lens available as an option or accessory to reduce glare (7-10% lumen reduction) and provide better uniformity

### OPTICS

- 3000K, 4000K and 5000K CCT nominal with 70 CRI
- Smaller SG1 housing has 2 LEDs, larger SG2 housing has 3 LEDs

### INSTALLATION

- Side hinge allows for easy installation and wiring
- Side movement avoids damage to the lens and helps prevent injury common in drop down hinge designs
- Mounts to 4" junction box and includes a gasket to help seal electrical connections
- Four 1/2" threaded conduits hubs for surface conduit provided

### ELECTRICAL

- 120-277V, 50/60Hz electronic drivers
- 347V and 480V available in large SG2 housing
- 10KA surge protection included

### OPTIONS/CONTROLS

- Button photocontrol for dusk to dawn energy savings. Stock versions include 120V-277V PC with a cover which provides a choice to engage photocontrol or not. PC is installed in top hub
- Occupancy sensor available for on/off and dimming control in larger SG2 housing
- SiteSync™ wireless lighting control delivers flexible control strategies for reducing power consumption and minimizing maintenance costs while delivering the right light levels with a simple and affordable wireless solution.
- See ordering information or visit [www.hubbelllighting.com/sitesync](http://www.hubbelllighting.com/sitesync) for more details
- Battery backup options available in larger SG2 housing rated for either 0° C or -30° C. Performance exceeds NEC requirement providing 1 fc minimum over 10'x10' at 11' mounting height

### CERTIFICATIONS

- DesignLights Consortium® (DLC) qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org)
- Listed to UL1598 for use in wet location, listed for -40°C to 40°C applications
- IDA approved with zero uplight for 3000K and warmer CCTs
- IP65

### WARRANTY

- 5 year limited warranty
- See [HLI Standard Warranty](#) for additional information

KEY DATA	
Lumen Range	2263-8079
Wattage Range	21-80
Efficacy Range (LPW)	101-113
Fixture Projected Life (Hours)	L70>50K
Weights lbs. (kg)	4.3-11 (2.0-5.0)

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

# SLING SERIES

SLENDER WALLPACK

## ORDERING GUIDE

**Example:** SG1-20-3K7-FT-UNV-DB-PCU-CS

CATALOG #

## ORDERING INFORMATION

Housing	CCT/CRI	Distribution	Voltage	Color/Finish	Control Options	Options
<b>SG1-10</b> Size 1, 10W	<b>3K7</b> 3000K, 70 CRI	<b>FT</b> Fwd Throw	<b>UNV</b> 120V-277V	<b>DB</b> Textured Dark Bronze	<b>PCU</b> Button Photocontrol (120-277V)	<b>CS</b> Comfort Lens
<b>SG1-20</b> Size 1, 20W	<b>4K7</b> 4000K, 70 CRI		<b>120</b> 120V	<b>BL</b> Textured Black	<b>SCP</b> <sup>1,2,3</sup> Hi-Lume 1% 3-wire / EcoSystem LED Driver	<b>E</b> <sup>1,2</sup> Batter 0°C
<b>SG1-30</b> Size 1, 30W	<b>5K7</b> 5000K, 70 CRI		<b>277</b> 277V	<b>WH</b> Textured White	<b>SWP</b> <sup>1,2</sup> Hi-Lume 1% 2-wire LED Driver (120V only)	<b>EH</b> <sup>1,2</sup> Battery w/ heater -20°C
<b>SG1-40</b> Size 1, 40W			<b>UHV</b> 347V-480V	<b>GYS</b> Smooth Gray	<b>SWPM</b> <sup>1,2</sup> Osram dimming to 1% 0-10V	
<b>SG2-50</b> Size 2, 50W				<b>PS</b> Smooth Plat. Silver	<b>Specify MTG HT for SCO/SCP &amp; SWPM</b>	
<b>SG2-80</b> Size 2, 80W				<b>CC</b> Custom Color	<b>8F</b> Up to 8'	
					<b>20F</b> Up to 20'	

**Notes:**

- 1 Available in SG2 only, UHV available in SG2-50 only
- 2 Sensor controls & battery backup can not be used with flood accessory or kit or for inverted/up mounting, 120-227V only for SCO/SCP, 120 or 277 only for SWP, SWPM, E & EH
- 3 Must order minimum of one remote control to program dimming settings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120-277V only

## STOCK ORDERING INFORMATION

Catalog Number	CCT/CRI	Wattage	Mounting Height	Color	Color	Delivered Lumens	LPW	Weight lbs. (kg)
<b>SG1-10-PCU</b>	5000K/70	11W	8-12ft	120-277V	Dark Bronze	1349	122	4.3 (2.0)
<b>SG1-10-4K-PCU</b>	4000K/70	11W	8-12ft	120-277V	Dark Bronze	1424	129	4.3 (2.0)
<b>SG1-20-PCU</b>	5000K/70	21W	8-12ft	120-277V	Dark Bronze	2263	108	4.3 (2.0)
<b>SG1-20-4K-PCU</b>	4000K/70	21W	8-12ft	120-277V	Dark Bronze	2310	110	4.3 (2.0)
<b>SG1-30-PCU</b>	5000K/70	29W	10-15ft	120-277V	Dark Bronze	3270	113	4.3 (2.0)
<b>SG1-30-4K-PCU</b>	4000K/70	29W	10-15ft	120-277V	Dark Bronze	3060	105	4.3 (2.0)
<b>SG1-40-PCU</b>	5000K/70	38W	10-15ft	120-277V	Dark Bronze	4008	105	4.3 (2.0)
<b>SG1-40-4K-PCU</b>	4000K/70	38W	10-15ft	120-277V	Dark Bronze	4070	106	4.3 (2.0)
<b>SG2-50-PCU</b>	5000K/70	51W	12-18ft	120-277V	Dark Bronze	5548	110	11 (5.0)
<b>SG2-50-4K-PCU</b>	4000K/70	51W	12-18ft	120-277V	Dark Bronze	5526	109	11 (5.0)
<b>SG2-80-PCU</b>	5000K/70	80W	15-25ft	120-277V	Dark Bronze	8061	101	11 (5.0)
<b>SG2-80-4K-PCU</b>	4000K/70	80W	15-25ft	120-277V	Dark Bronze	8079	101	11 (5.0)

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

# SLING SERIES

SLENDER WALLPACK

## ORDERING GUIDE

### OPTIONS AND ACCESSORIES

	Catalog Number	Description	Weight lbs. (kg)
<input type="checkbox"/>	SG1-CS	Acrylic comfort lens for SG1	1 (.45)
<input type="checkbox"/>	SG2-CS	Acrylic comfort lens for SG2	1 (.45)
<input type="checkbox"/>	SG1-YOKE	SG1 Series Yoke/Floodlight mount kit, includes visor	2.0 (1.0)
<input type="checkbox"/>	SG1-KNUCKLE	SG1 Series Knuckle/Floodlight mount kit, includes visor	2.0 (1.0)
<input type="checkbox"/>	SG2-YOKE	SG2 Series Yoke/Floodlight mount kit, includes visor	2.0 (1.0)
<input type="checkbox"/>	SG2-KNUCKLE	SG2 Series Knuckle/Floodlight mount kit, includes visor	2.0 (1.0)
<input type="checkbox"/>	SCP-REMOTE*	Remote control for SCP option. Order at least one per project to program and control fixtures	1 (.45)
<input type="checkbox"/>	SG2-PMA-3-XX	3" Pole Mount adapter for SG2, both square and round, XX= finish	7 (3.5)
<input type="checkbox"/>	SG2-PMA-4-XX	4" Pole Mount adapter for SG2, both square and round, XX= finish	7 (3.5)
<input type="checkbox"/>	SG2-PMA-5-XX	5" Pole Mount adapter for SG2, both square and round, XX= finish	7 (3.5)
<input type="checkbox"/>	SG2-PMA-6-XX	6" Pole Mount adapter for SG2, both square and round, XX= finish	7 (3.5)
<input type="checkbox"/>	SG1-SPC	Vandal Resistant Lens (shield polycarbonate), SG1	3 (1.5)
<input type="checkbox"/>	SG2-SPC	Vandal Resistant Lens (shield polycarbonate), SG2	3 (1.5)
<input type="checkbox"/>	SG1-WCP	Universal Wall Cover Plate, Dark Bronze, SG1	10 (5)
<input type="checkbox"/>	SG2-WCP-H	Horizontal Mount Wall Cover Plate, Dark Bronze, SG2	10 (5)
<input type="checkbox"/>	SG2-WCP-V	Vertical Mount Wall Cover Plate, Dark Bronze, SG2	10 (5)
<input type="checkbox"/>	SG2XL-WCP-H	Horizontal Mount Wall Cover Plate, DB, SG2 with battery or sensor	10 (5)
<input type="checkbox"/>	SG2XL-WCP-V	Vertical Mount Wall Cover Plate, DB, SG2 with battery or sensor	10 (5)

### ACCESSORIES AND SERVICES (ORDERED SEPARATELY)

Control Options	
<b>SWUSB<sup>1</sup></b>	SiteSync™ interface software loaded on USB flash drive for use with owner supplied PC (Windows based only). Includes SiteSync™ license, software and USB radio bridge node.
<b>SWTAB<sup>1</sup></b>	Windows tablet and SiteSync™ interface software. Includes tablet with preloaded software, SiteSync™ license and USB radio bridge node.
<b>SWBRG<sup>2</sup></b>	SiteSync™ USB radio bridge node only. Order if a replacement is required or if an extra bridge node is requested.

Notes:

- When ordering SiteSync™ at least one of these two interface options must be ordered per project.
- If needed, an additional Bridge Node can be ordered.

# SLING SERIES

SLENDER WALLPACK

## PERFORMANCE DATA

Description	# of LEDs	Drive Current	System Watts	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 80 CRI)				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
SG1-10	2	140mA	11	1349	122	1	0	0	1424	129	1	0	0	1003	91	1	0	0
SG1-20	2	250mA	21	2449	115	1	0	0	2310	110	1	0	0	2054	95	1	0	0
SG1-30	2	350mA	29	3332	117	2	0	0	3060	106	1	0	0	2913	100	1	0	0
SG-40	2	450mA	38	4008	105	2	0	0	4070	106	2	0	0	3845	100	2	0	0
SG2-50-UHV	3	350mA	44	4633	106	2	0	0	4609	105	2	0	0	3895	90	2	0	0
SG2-50	3	415mA	51	5548	109	2	0	0	5526	107	2	0	0	4700	92	2	0	0
SG2-80	3	650mA	80	7851	98	2	0	1	8079	103	2	0	1	6721	86	2	0	1

\*347 and 480 VAC input Lumen values are from photometric test performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment application and inherent performance balances of the electrical components.

## ELECTRICAL DATA

Catalog number	# of Drivers	Input Voltage	Current (AMPS)	System Power
SG1-10	1	120	0.09	11.0
	1	277	0.04	11.0
SG1-20	1	120	0.18	21.0
	1	277	0.08	21.0
SG1-30	1	120	0.24	28.9
	1	277	0.10	28.9
SG2-40	1	120	0.32	38.3
	1	277	0.14	38.3
SG-50-UHV	1	347	0.13	43.5
	1	480	0.18	43.5
SG2-50	1	120	0.42	50.6
	1	277	0.18	50.6
SG2-80	1	120	0.68	79.8
	1	277	0.29	79.8

## PROJECTED LUMEN MAINTENANCE

Ambient Temperature	OPERATING HOURS					
	0	25,000	50,000	TM-21-11' L96 60,000	100,000	L70 (Hours)
25°C / 77°F	1.00	0.98	0.97	0.96	0.95	>791,000
40°C / 104°F	0.99	0.98	0.96	0.96	0.94	>635,000

1. Projected per IESNA TM-21-11 \* (Nichia 219B, 700mA, 85°C Ts, 10,000hrs) Data references the extrapolated performance projections for the base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08

# SLING SERIES

SLENDER WALLPACK

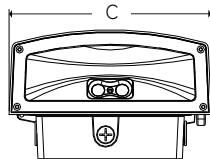
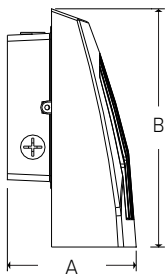
## LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0° C	32° F	1.02
10° C	50° F	1.01
20° C	68° F	1.00
25° C	77° F	1.00
30° C	86° F	1.00
40° C	104° F	0.99
50° C	122° F	0.96

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

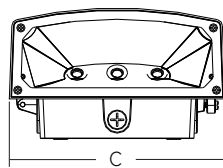
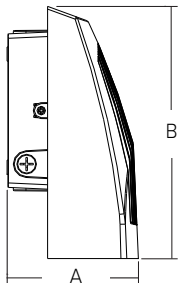
## DIMENSIONS

**SG1**



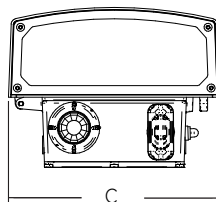
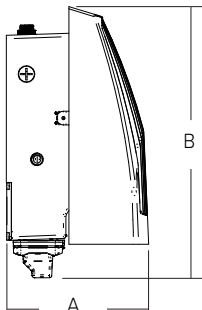
A	B	C	Weight
4.19" (107mm)	7.80" (198mm)	6.61" (168mm)	4.4lbs (2kg)

**SG2**



A	B	C	Weight
5.80" (147mm)	11.14" (283mm)	9.52" (242mm)	11lbs (5kg)

**SG2 with occupancy sensor and battery options**



A	B	C	Weight
7.26" (184mm)	13.84" (352mm)	9.52" (242mm)	11lbs (5kg)

# SLING SERIES

SLENDER WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

## PHOTOMETRY

### SG1-10-4K7

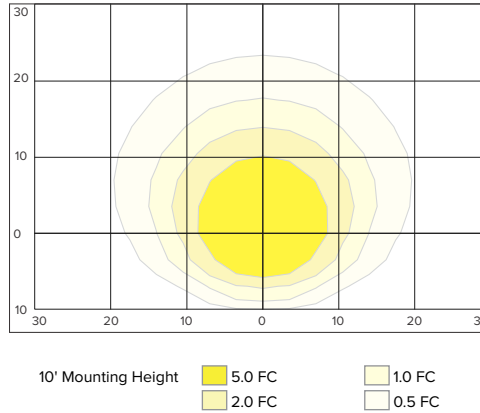
#### LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	1424
Watts	11.4
Efficacy	125
Mounting	Wall

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	996.6	70.0
Downward House Side	427.8	30.0
Downward Total	1424.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	1424.4	100.0

#### ISOMETRIC FOOTCANDLE



### SG1-20-4K7

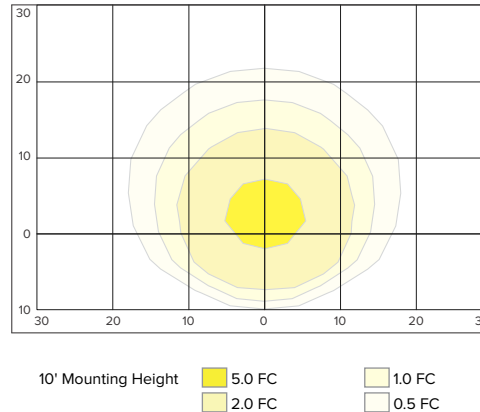
#### LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	2310
Watts	20.9
Efficacy	111
Mounting	Wall

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	1618	70.0
Downward House Side	692.1	30.0
Downward Total	2310.1	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	2310.1	100.0

#### ISOMETRIC FOOTCANDLE



### SG1-30

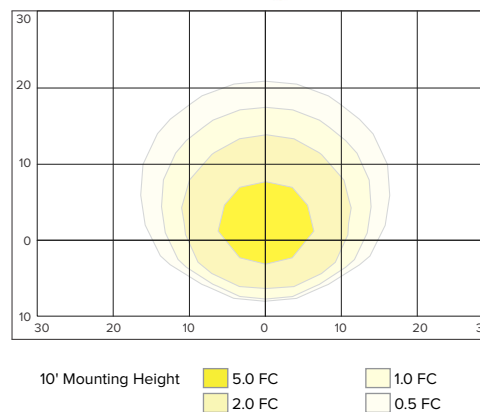
#### LUMINAIRE DATA

Description	4000 Kelvin, 70 CRI
Distribution Type	Forward Throw
Delivered Lumens	3060
Watts	29.1
Efficacy	105
Mounting	Wall

#### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2619.4	70.9
Downward House Side	890.4	29.1
Downward Total	3059.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3059.8	100.0

#### ISOMETRIC FOOTCANDLE



# SLING SERIES



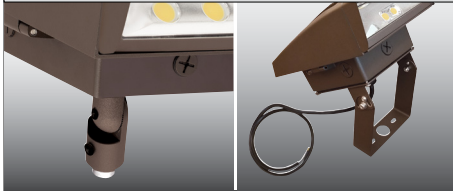
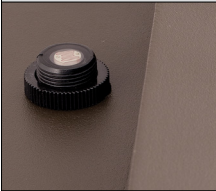
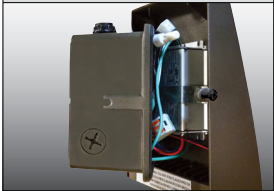
SLENDER WALLPACK

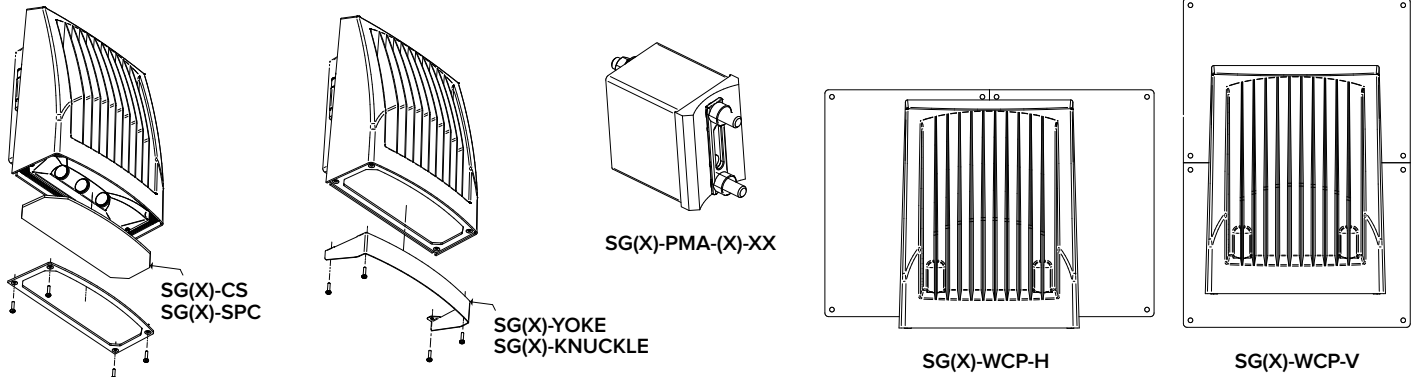
## ADDITIONAL INFORMATION

### Shipping Information



Catalog Number	G.W(kg)/ CTN	Carton Dimensions			Carton Qty. per Master Pack	Pallet Qty.
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)		
SG1	4.35lbs (2kg)	9.5 (24)	8.25 (21)	5.25 (13)	6	98
SG2	11lbs (5kg)	14 (36)	11.5 (29)	8 (20)	2	64

### Accessories and Services

Comfort Lens	Visor	Mounting Options	Photocontrol	Hinged Housing Door
				
Acrylic comfort lens provides glare control, improved visual comfort and better uniformity	Visor accessory included with mounting accessory kits	Flood mounting accessories - 1/2" threaded knuckle or yoke (includes grommet and 3' SO cord)	Photocontrol option available for energy-saving dusk-to-dawn operation	Side hinged for easy installation and wiring access, single screw secures housing closure



### Features

Emergency Mode (EH)	Wireless and Occupancy Controls
	

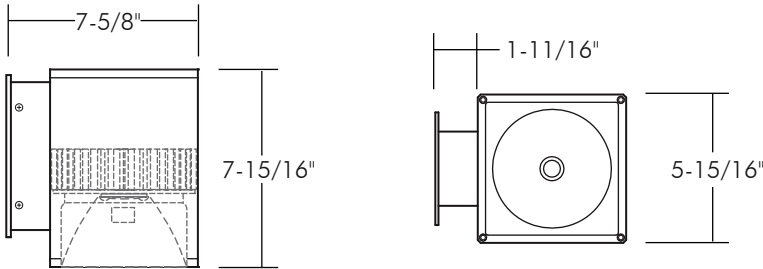
Battery back up feature with side indicator.

Exceeds Life Safety Code average illuminance of 1.0 fc. at 12' mounting height. Assumes open space with no obstructions. Battery backup units consume 6W when charging a dead battery and 2W during maintenance charging. EH (units with a heater) consume up to an additional 8W when charging if the battery temp is lower than 10°C

Diagrams for illustration purposes only, please consult factory for application layout.

SiteSync™ Lighting Control delivers flexible control strategies for reducing power consumption and minimizing maintenance costs while delivering the right light levels with a simple and affordable wireless solution.

## WD1Q360 - 6" SQUARE 1-DIRECTION WALL MOUNT (IP65) - 1000LM/1500LM/2200LM/2600LM SURFACE 1-DIRECTION WALL MOUNT



### SPECIFICATION

**Application:** This WD1 Series directional Wall luminaire can be used in both interior and outdoor settings and can be pointed up or down. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Can be used as downlight for direct illumination or an uplights for indirect illumination of architecture facades.

**Housing:** Constructed from a square two piece high grade aluminum extrusion with a rectangular extrusion arm, end cap, faceplate and a mounting plate with a powder coat finish. Includes LED, optics and LED driver. Mounting plate is secured to arm with four (4) flat head phillips stainless steel screws. Mounting plate installs onto an electrical junction box.

**Mounting:** Fixture includes a mounting bracket for installation directly to a 4" octagonal electrical junction-box.

**Faceplate:** Square one piece die cast aluminum with powder coat finish, clear tempered glass lens, and silicone o-ring. Faceplate is secured to the housing by four (4) tamper resistant, stainless steel screws.

**Reflector Construction:** One piece, heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance.

**Lumen Maintenance:** Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

**Dimming:** (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

**Electrical:** AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

**Emergency Options:** Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included.

**Caution:** LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

**Optional:** Integral Surface Mounted Junction Box – The surface mounted, weatherproof junction box provides a clean finished look in situations where a recessed junction box is not an option. This feature includes four (4) conduit ports along with two (2) closure plugs.

**Warranty:** Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

**Note:** Dark Sky compliant when fixture is pointing downward.

**Listing:** ETL / cETL Listed. Suitable for wet location. Assembled in USA. (IP65).

**Finish:** A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation. Standard finishes are White, Silver, Basic Bronze, Black. Special order finishes are Light Silver, Dark Grey, Metallic Gold and Metallic Black.

**Beam Spread:** Available in Wide Flood, 2° Pencil, Narrow Spot, Spot, Flood and Type IV (Forward Throw).

**LED:** Energy efficient Chip-On-Board (COB) Singular LED Light Source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED Source products. Binned with 4-step MacAdam ellipses as recommended by ANSI Standard. Available in 4000K, 1700K\*, 2500K\*, 2700K, 2700K, 97CRI\*, 3000K, 3000K, 97CRI\*, 3500K, 5000K, 5600K and 590nm AMBER\*.

#### Benefit:

- Daylight Sensor available
- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Emergency back up available
- Singular COB Light Source
- 5 year limited warranty
- Available with Type IV/Forward Throw Option

### FEATURE:

ORDERING EXAMPLE : WD1Q360B-L15-B02-UE-DUN-T17-EMAC

WD1Q360	FINISH	LUMEN	BEAM SPREAD	DIMMING	LED
WD1Q360	W :White	Blank :1000lm (15W)	Blank :Wide Flood	Blank :Non-Dimming (120V)	Blank :4000K
	S :Silver	-L15 :1500lm (22W)	-B02 :2° Pencil	UE-DUN :UniDim™ (120V/277V)	-T17 :1700K*
	BZ :Basic Bronze	-L20 :2200lm (22W)	-B10 :Narrow Spot		-T25 :2500K*
	B :Black	-L26 :2600lm (30W)	-B20 :Spot		-T27 :2700K
	LS :Light Silver*		-B45 :Flood		-T27-C97 :2700K, 97CRI*
	DG :Dark Grey*		-BIV :Type IV (Forward Throw)		-T30 :3000K
	MG :Metallic Gold*				-T30-C97 :3000K, 97CRI*
	MB :Metallic Black*				-T35 :3500K
					-T50 :5000K
					-T56 :5600K
					-TAM :590nm AMBER*

#### OPTIONS

Blank	:None
-EMAC	:Emergency
-SDL	:Daylight Sensor*
-LVR	:Hex-Cell Louver*
-JB	:Integral Junction Box 1-Outlet
-JB2	:Integral Junction Box 2-Outlet

\*Special order finish. Minimum order, extended lead time may apply. Consult factory.

## WD1Q360 - PHOTOMETRY

### 6" Square 1-Direction Wall Mount

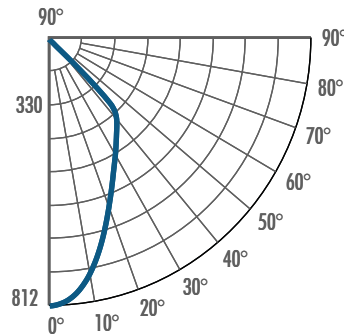
LUMEN PACKAGE :	1000lm	1500lm	2200lm	2600lm
SYSTEM POWER :	15W	22W	22W	30W

#### WD1Q360WUE-DUN - 1000lm - Wide Flood - 4000K

#### CANDELA TABULATION

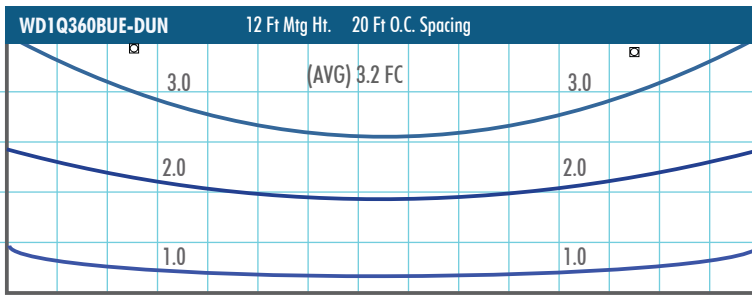
#### FOOTCANDLE DISTRIBUTION

System Power	: 15.0W	Multipliers	
Test Date	: 9/2016	5600K	1.42
Beam Angle 50%	: 70.4°	5000K	1.27
Field Angle 10%	: 100.2°	3500K	0.89
Color Temperature	: 3930K	3000K	0.76
CRI	: 83.8	2700K	0.69
R9 Value	: 20.7	2500K	0.64
Lumens Delivered	: 1069lm	1700K	0.42
CBCP	: 812cd	Lumen Multipliers	
Power Factor	: 0.99	1500lm	1.40
		2200lm	2.06
		2600lm	2.43
		CRI	
		80CRI (Blank)	: 0.95
		90CRI (-C90)	: 1.07
		97CRI (-C97)	: 1.16

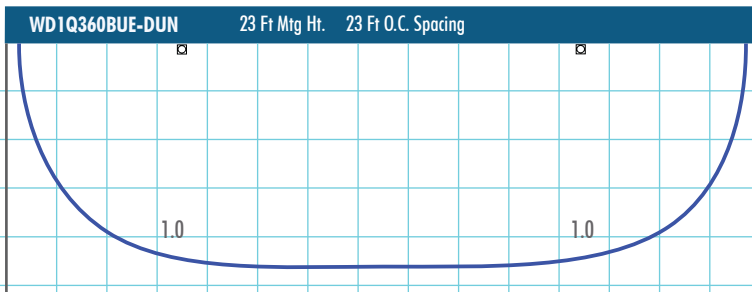


Height	Beam Diameter	FC
8.0'	11.3'	12.7
10.0'	14.1'	8.1
12.0'	16.9'	5.6
14.0'	19.8'	4.1
16.0'	22.6'	3.2

#### ISO FOOTCANDLE PLOTS - Two Fixture

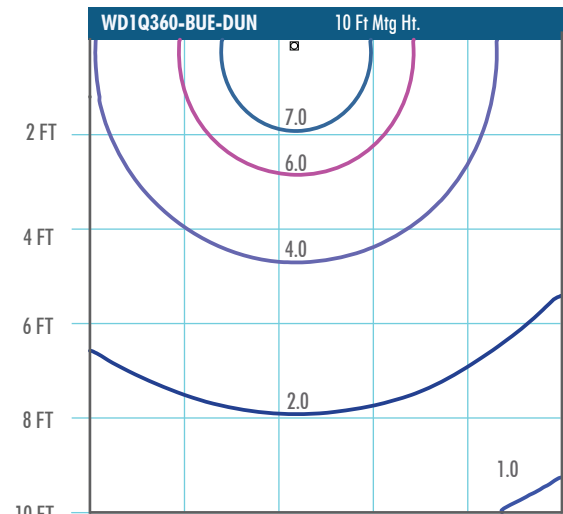


1 Grid = 2 FT  
30 FT x 10 FT Surface Area to achieve (Avg) 2.3 FC  
49% Reflectance Value on Wall  
10% Reflectance Value on Surface



1 Grid = 2 FT  
30 FT x 10 FT Surface Area to achieve (Avg) 1 FC  
49% Reflectance Value on Wall  
10% Reflectance Value on Surface

#### ISO FOOTCANDLE PLOTS - Single Fixture



1 Grid = 2 FT  
10 FT x 10 FT Surface Area to achieve (Avg) 3.4 FC  
49% Reflectance Value on Wall  
10% Reflectance Value on Surface