

URBAN DESIGN COMMISSION APPLICATION

UDC

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



FOR OFFICE USE ONLY:

Paid _____ Receipt # _____

Date received _____

Received by _____

Aldermanic District _____

Zoning District _____

Urban Design District _____

Submittal reviewed by _____

Legistar # _____

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

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

1. Project Information

Address: 9510 Watts Road and 604 Feather Sound

Title: The Edison Apartments

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

UDC meeting date requested August 14, 2019

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

3. Project Type

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

Signage

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

Other

- Please specify _____

4. Applicant, Agent, and Property Owner Information

Applicant name Dan Schmidt
Street address 826 North Star Drive
Telephone 608-255-8680

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

Project contact person Brian Munson
Street address 120 East Lakeside Street
Telephone 608-255-3988

Company Vandewalle & Associates
City/State/Zip Madison, WI 53715
Email bmunson@vandewalle.com

Property owner (if not applicant) _____
Street address _____ **City/State/Zip** _____
Telephone _____ **Email** _____

5. Required Submittal Materials

- Application Form**
- Letter of Intent**
 - If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required
 - For signage applications, a summary of how the proposed signage is consistent with the applicable CDR or Signage Variance review criteria is required.
- Development plans** (Refer to checklist on Page 4 for plan details)
- Filing fee**
- Electronic Submittal***

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

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

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

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

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with _____ on _____.
2. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of applicant Don Schmitz Relationship to property Owner
 Authorizing signature of property owner [Signature] Date 6-26-19

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



VANDEWALLE & ASSOCIATES INC.

Monday, July 01, 2019

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

RE: 9510 Watts Road & 604 Feather Sound Drive
The Edison Multi-Family Proposal

Dear Heather,

The following document and illustrative graphics outline the proposed Edison multi-family project. Forward Management formally requests to rezone from CC-T/TR-P to CC-T/Amended TR-P/Conditional use (residential building complex). The project is being proposed as a residential building complex but is designed to accommodate (through separate future approvals) commercial/retail uses through the design of flex space into the building. This design approach allows the building to be built while the market for commercial improves, consistent with the adopted Acacia Ridge Neighborhood.

Separate submittals will be delivered for both a CSM amendment and a demolition permit for the existing buildings.

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

Sincerely,

Brian Munson
Principal

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

DESIGN TEAM:

Architect:
Ulian Kissiov
476 Presidential Lane
Madison, WI 53711
Phone: 608.320.3151
Ulian Kissiov
ukissiov@gmail.com

Planning:
Vandewalle & Associates
120 East Lakeside Street
Madison, Wisconsin 53715
Phone: 608.255.3988
Fax: 608.255.0814
Brian Munson
bmunson@vandewalle.com

Engineering:
D'Onofrio Kottke
7530 Westward Way
Madison, WI 53717
Phone: 608.833.7530
Fax: 608.833.10896
Dan Day
dday@donofrio.cc

Existing Conditions:

Existing Zoning:	TR-P/CC-T
Proposed Zoning:	Amended TR-P/CC-T/Conditional use Residential Building Complex
Address/PIN:	9510 Watts Road / 070828401087 604 Feather Sound Drive / 070828401079
Aldermanic District:	District 9 Alder Skidmore
Neighborhood Association:	Cardinal Glenn Neighborhood Association
Neighborhood Plan:	Pioneer Neighborhood
Plan Designations:	Medium Density Residential

Notifications: Alder Skidmore 1) November 30, 2018
 2) June 14, 2019
 Cardinal Glenn Neighborhood June 14, 2019
 DAT Presentations March 21, 2019
 Neighborhood Meeting April 12, 2019
 Meeting with
 Alderman Skidmore April 23, 2019

Legal Description: See Attached

Lot Area: Lot 1 – 4.054 (CC-T)
 Lot 2 – 1.570 (TR-P)

Proposed Use: Building A: 84
 Building B: 63
 Building C: 42

Lot Area per building:

Building A/B:

Required per CC-T: 750 square feet per unit

Proposed: 1,201.31 square feet per unit

Building C:

Required per TR-P: 600/du +300 per bdrm>2

Proposed: 1,628.31 square feet per unit

Usable Open Space per Unit by Building:

Building A/B:

Required per CC-T: 160/1 bdrm, 320 per >1 bdrm units

Proposed: 619.38 square feet per unit

79,471 square feet of ground level open space

11,578 square feet in patios

Building C:

Required per TR-P: 140/du

Proposed: 739.31 square feet per unit

27,220 square feet of ground level open space

3,831 square feet in patios

Mixed Use/Multi-Family: The CC-T buildings is being designed to be built out using flex space first floors in a residential format initially and converted to commercial after construction, based upon market demand. This conversion preserves the ability to incorporate commercial or offices uses but would require additional review and approval by the City as part of separate submittals prior to implementation.



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 two access points 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 CC-T and TR-P districts.

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:

- Exhibit A:** Legal Description
- Exhibit B:** Alder & Neighborhood Notification
- Exhibit C:** Location Map
- Exhibit D:** Existing Conditions
- Exhibit E:** Adopted Zoning Map
- Exhibit F:** Proposed Zoning Map
- Exhibit G:** Adopted Master Plan
- Exhibit H:** Proposed Master Plan
- Exhibit I:** Proposed Design Plan



Exhibit A: Legal Descriptions

AMENDED TR-P BOUNDARY:

Beginning at the Northeast corner of Lot 44, Acacia Ridge; thence $S00^{\circ}44'27''W$, 629.06 feet to a point of curve; thence Southwesterly along a curve to the right which has a radius of 360.00 feet and a chord which bears $S13^{\circ}14'32''W$, 155.85 feet; thence $S25^{\circ}44'37''W$, 318.69 feet to a point of curve; thence Southwesterly along a curve to the left which has a radius of 640.00 feet and a chord which bears $S24^{\circ}25'41''W$, 29.38 feet to a point of reverse curve; thence Westerly along a curve to the right which has a radius of 25.00 feet and a chord which bears $S69^{\circ}25'41''W$, 36.16 feet; thence $N64^{\circ}15'23''W$, 153.43 feet to a point of curve; thence Northwesterly along a curve to the left which has a radius of 334.00 feet and a chord which bears $N76^{\circ}45'28''W$, 144.60 feet; thence $N89^{\circ}15'33''W$, 325.90 feet; thence $N00^{\circ}44'27''E$, 620.29 feet; thence $N89^{\circ}15'33''W$, 256.51 feet; thence $N00^{\circ}49'10''E$, 379.04 feet; thence $N89^{\circ}56'47''E$, 977.11 feet; thence $S00^{\circ}44'28''W$, 0.30 feet; thence $N89^{\circ}57'06''E$, 99.01 feet to the point of beginning. Containing 21.063 acres.

MULTI-FAMILY PROJECT

COMBINED AREA:

Beginning at the Northeast corner of Lot 17, Acacia Ridge; thence $S00^{\circ}44'27''W$, 512.88 feet to a point of curve; thence Southwesterly along a curve to the right which has a radius of 25.00 feet and a central angle of $90^{\circ}00'00''$; thence $N89^{\circ}15'33''W$, 518.12 feet to a point of curve; thence Northwesterly along a curve to the right which has a radius of 25.00 feet and a chord which bears $N44^{\circ}13'53''W$, 35.37 feet; thence $N00^{\circ}47'47''E$, 318.59 feet; thence $N89^{\circ}51'04''E$, 311.46 feet; thence $N00^{\circ}49'10''E$, 185.85 feet; thence $N89^{\circ}56'33''E$, 256.16 feet to a point of beginning. Containing 5.624 acres.

AREA TO REMAIN ZONED TR-P:

Beginning at the Northeast corner of Lot 17, Acacia Ridge; thence $S00^{\circ}44'27''W$, 268.58 feet; thence $N89^{\circ}15'33''W$, 256.51 feet; thence $N00^{\circ}49'10''E$, 265.02 feet; thence $N89^{\circ}56'33''E$, 256.16 feet to the point of beginning. Containing 1.570 acres.

AREA TO BE ZONED CC-T:

Beginning at the Northwest corner of Lot 16, Acacia Ridge; thence $N89^{\circ}51'04''E$, 311.46 feet; thence $S00^{\circ}49'10''W$, 79.16 feet; thence $S89^{\circ}15'33''E$, 256.51 feet; thence $S00^{\circ}44'27''W$, 244.30 feet to a point of curve; thence Southwesterly along a curve to the right which has a radius of 25.00 feet and a central angle of $90^{\circ}00'00''$; thence $N89^{\circ}15'33''W$, 518.12 feet to a point of curve; thence Northwesterly along a curve to the right which has a radius of 25.00 feet and a chord which bears $N44^{\circ}13'53''W$, 35.37 feet; thence $N00^{\circ}47'47''E$, 318.59 feet to the point of beginning. Containing 4.054 acres.



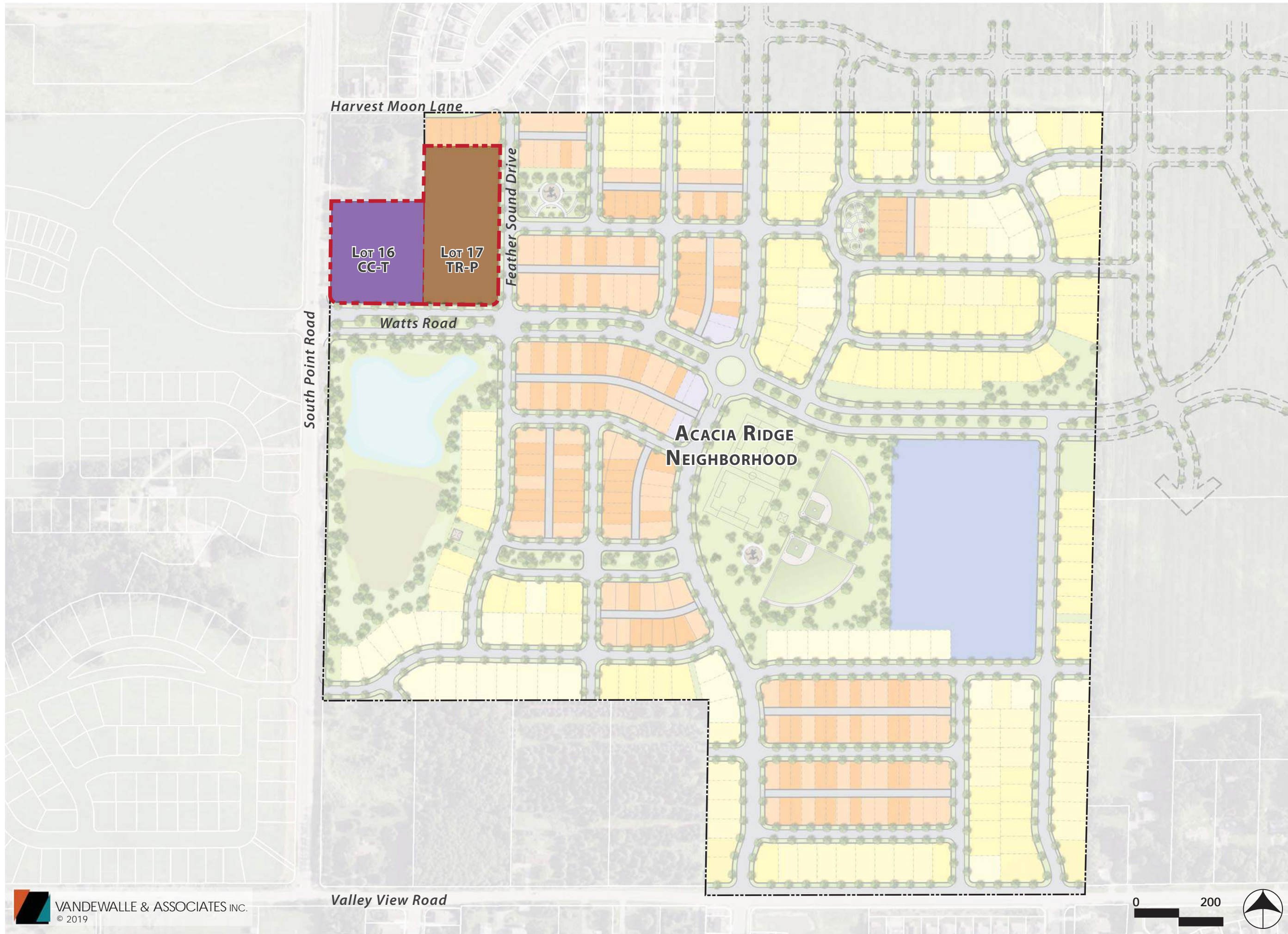
THE EDISON

MADISON, WISCONSIN

REVISED : 6.18.19

SCALE : 1"= 200'

EXHIBIT C: LOCATION MAP



THE EDISON

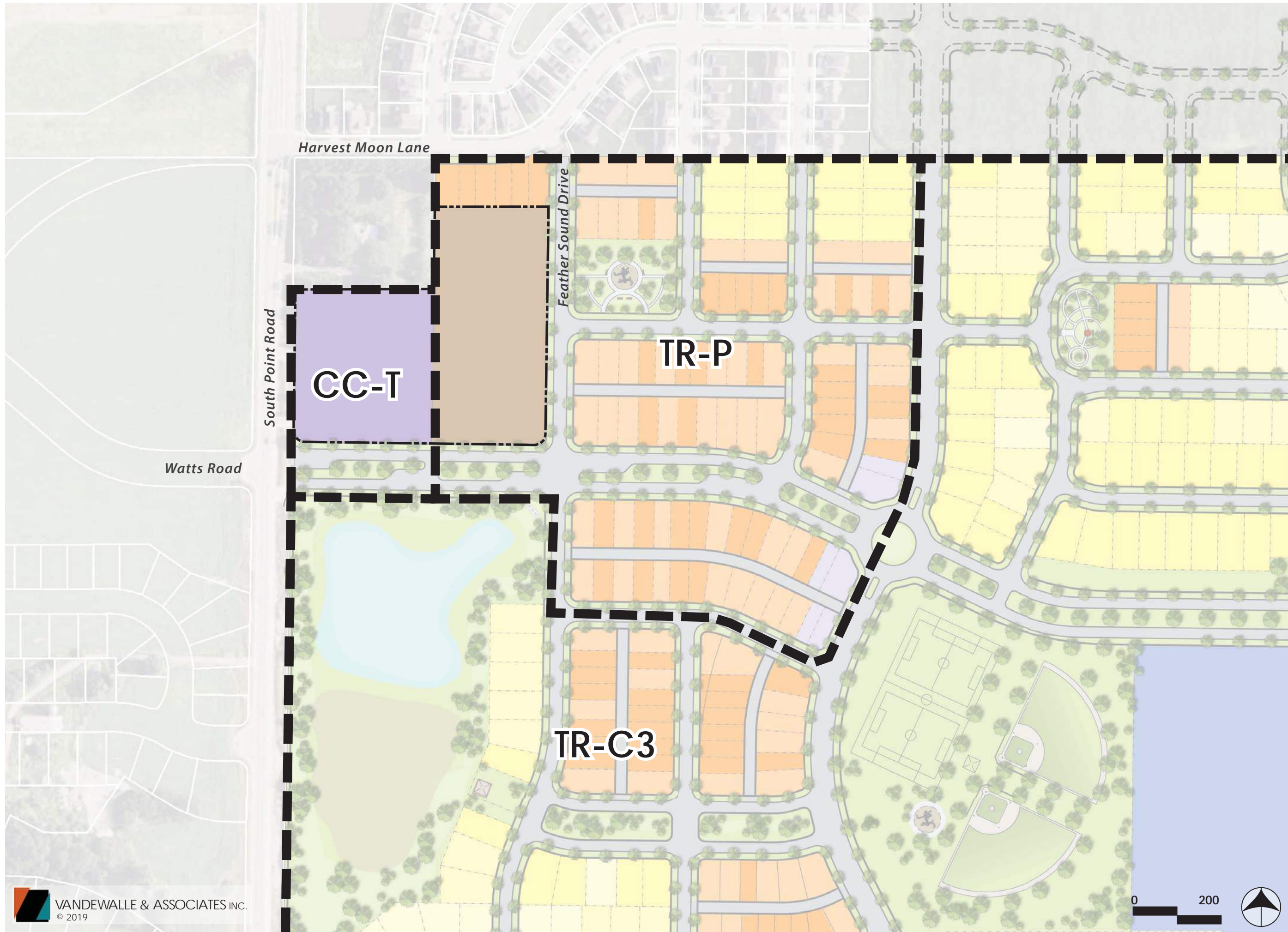
MADISON, WISCONSIN

CREATED : 6.19.19

SCALE : 1" = 80'

EXHIBIT D:
EXISTING
CONDITIONS





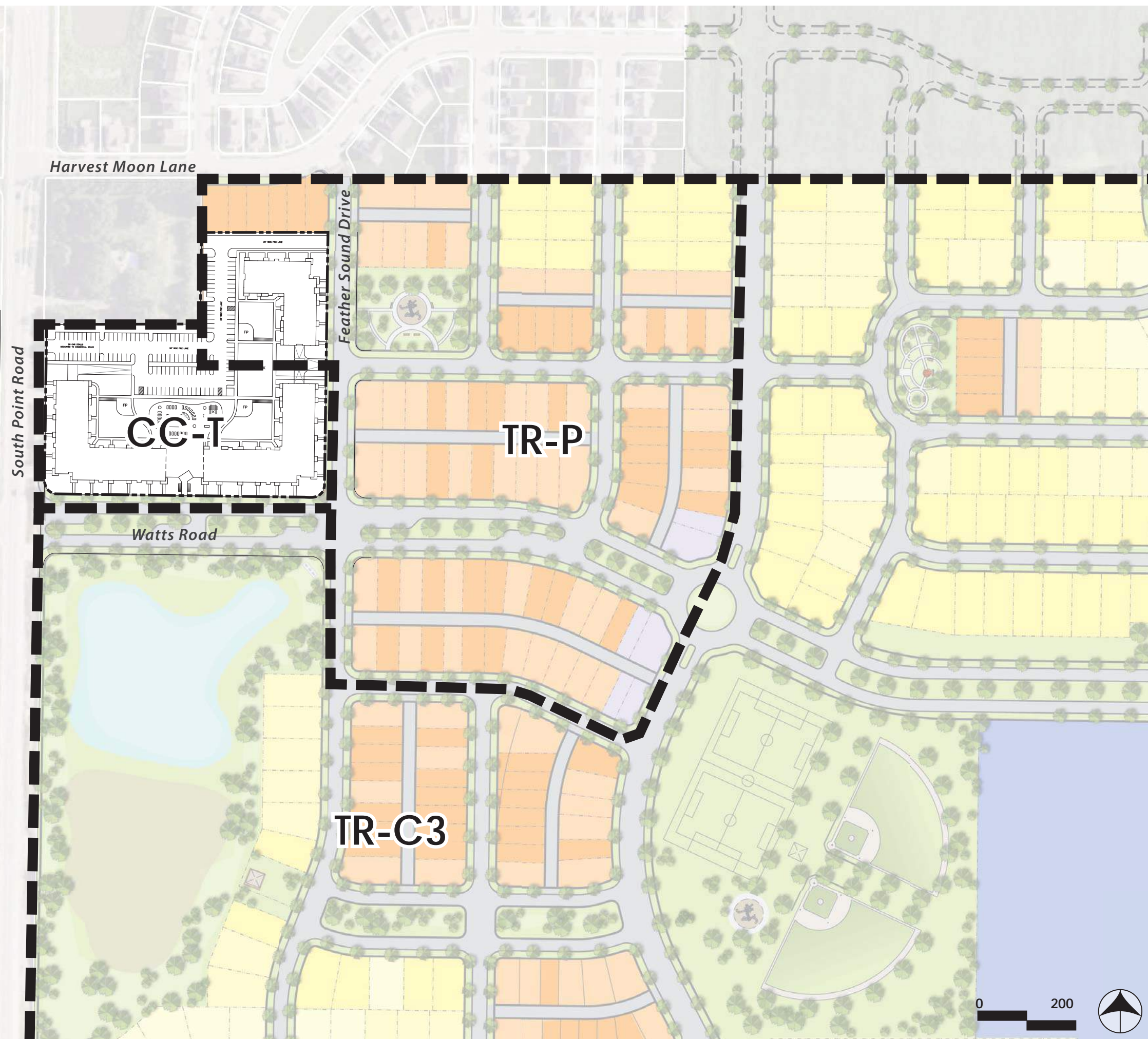
THE EDISON

MADISON, WISCONSIN

REVISED : 6.18.19

SCALE : 1"= 200'

EXHIBIT E: ADOPTED ZONING MAP



THE EDISON

MADISON, WISCONSIN

REVISED : 6.18.19

SCALE : 1"= 200'

EXHIBIT F:
PROPOSED
ZONING
MAP

LOT 16

MIXED USE A

- Residential
- Potential first floor commercial
- 3 Story
- 32 Units
- 32 Underground Parking Stalls
- 40 Surface Parking Stalls

MIXED USE B

- Residential
- First floor commercial/Flex Space
- Focus commercial at corner
- 3 Story
- 40 Units
- 40 Underground Parking Stalls
- 41 Surface Parking Stalls

Note: Cross access parking agreement with lot 17

LOT 17

SINGLE FAMILY C

- Residential
- 2 Story
- 6 Units

MULTI-FAMILY D

- Residential
- 3 Story
- 42 Units
- 42 Underground Parking Stalls
- 50 Surface Parking Stalls

MULTI-FAMILY E

- Residential
- 3 Story
- 48 Units
- 48 Underground Parking Stalls
- 40 Surface Parking Stalls

PROJECT TOTAL

SINGLE FAMILY UNITS: 6
MULTI-FAMILY UNITS: 162
TOTAL UNITS: 168

TOTAL MULTI-FAMILY PARKING: 333 STALLS
PARKING RATIO: 2.06 STALLS/UNIT

South Point Road

Harvest Moon Lane

Feather Sound Drive

Watts Road

THE EDISON

MADISON, WISCONSIN

REVISED : 6.28.19

SCALE : 1" = 80'

EXHIBIT H: PROPOSED MASTER PLAN



PROJECT:

THE EDISON

9510 WATTS RD & 604 FEATHER SOUND DR, 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

PLANNING:

WANDEWALLE & ASSOCIATES

120 EAST LAKESIDE STREET
MADISON, WISCONSIN 53715

CONTACT: BRIAN MUNSON

PHONE: 608-255-3988

email: bmunson@vandewalle.com



SHEET INDEX

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- C-103 UTILITY PLAN
- C-104 DETAILS
- C-105 FIRE PLAN
- L-101 LANDSCAPE PLAN
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- CSI CONTEXTUAL SITE INFORMATION
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- A-0B UNDERGROUND PARKING PLAN - BLDG-B
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- A-6C.2 BUILDING ELEVATIONS - BLDG-C



LOCATION MAP

NO SCALE



UNIT MIX

	BLDG. A	BLDG. B	BLDG. C	TOTAL
STUDIOS	8	6	7	21
1 BEDRM	38	27	11	76
1 BR+LOFT	6	6	6	18
2 BEDROM	28	21	15	64
3 BEDROM	4	3	3	10
TOTAL	84	63	42	189

JUNE 26, 2019
REV: JULY 01, 2019

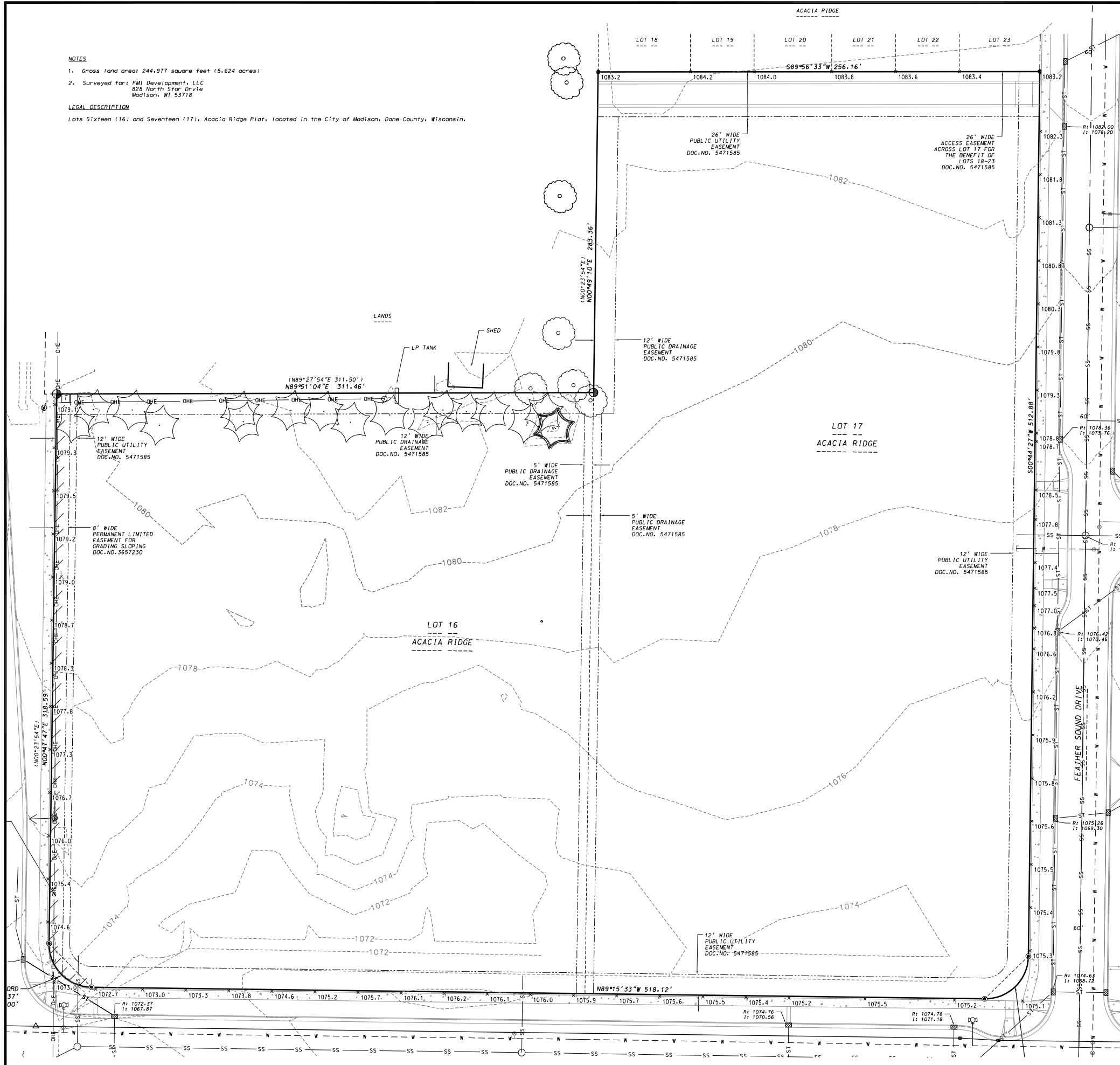


- NOTES**
- Gross land area: 244,977 square feet (5.624 acres)
 - Surveyed for: FMI Development, LLC
828 North Star Drive
Madison, WI 53718

LEGAL DESCRIPTION

Lots Sixteen (16) and Seventeen (17), Acacia Ridge Plat, located in the City of Madison, Dane County, Wisconsin.

- LEGEND**
- FOUND 1" IRON PIPE
 - FOUND 1-1/4" REBAR
 - FOUND 3/4" REBAR
 - W — WATER MAIN
 - ST — ST — STORM SEWER
 - OHE — OHE — OVERHEAD ELECTRIC
 - ⊕ POWER POLE
 - ⊕ HYDRANT
 - ⊕ WELL
 - CONCRETE
 - CONCRETE CURB AND GUTTER
 - () "RECORDED AS" INFORMATION



EXISTING CONDITIONS

THE EDISON

9510 WATTS RD & 604 FEATHER SOUND DRIVE

CITY OF MADISON, DANE COUNTY, WI



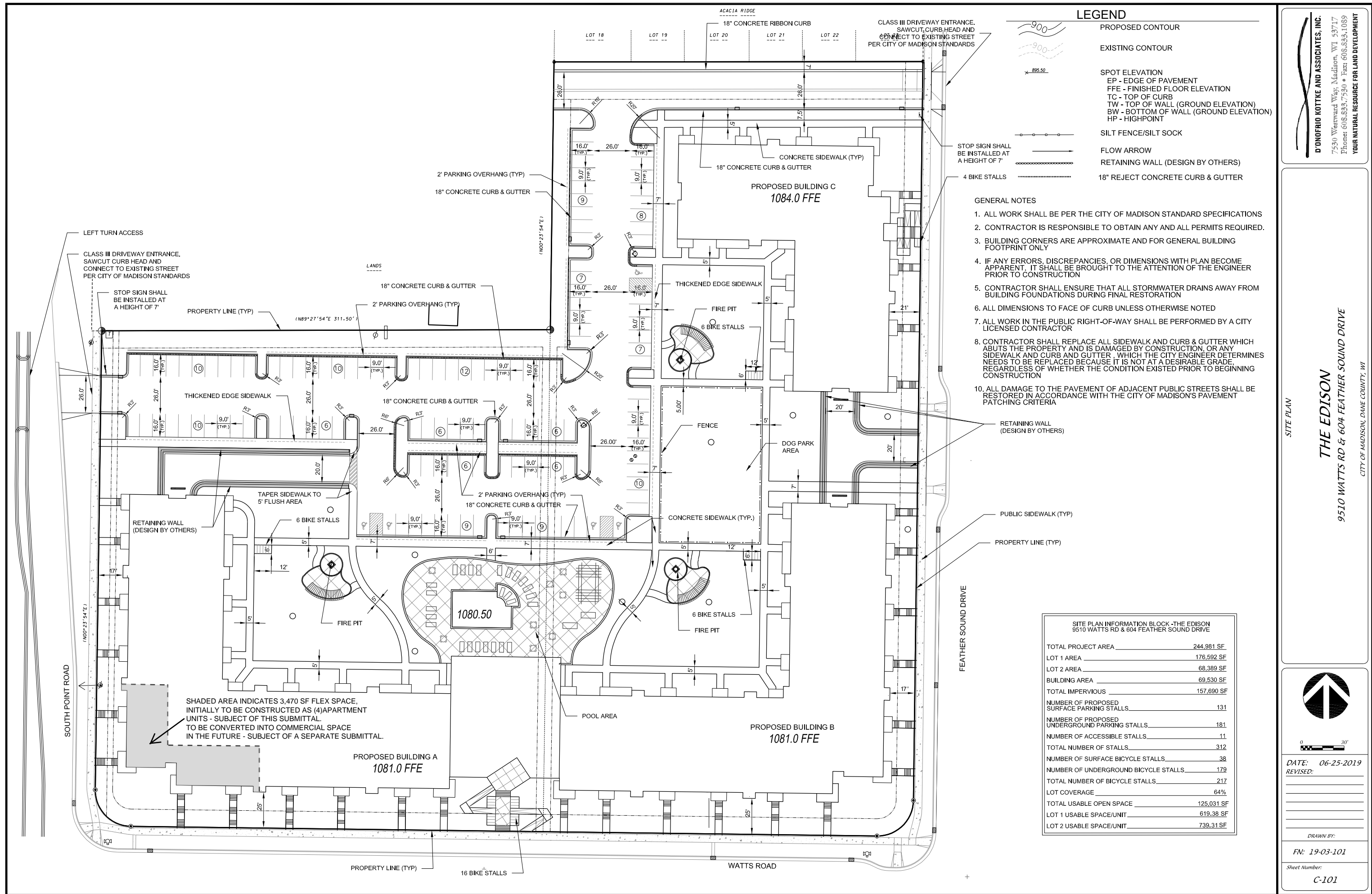
DATE: 06-25-2019
REVISED:

DRAWN BY:

FN: 19-03-101

Sheet Number:
C-100

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



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)
- HP - HIGHPOINT
- SILT FENCE/SILT SOCK
- FLOW ARROW
- RETAINING WALL (DESIGN BY OTHERS)
- 18" REJECT CONCRETE CURB & GUTTER

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. ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR
8. 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 PLAN INFORMATION BLOCK - THE EDISON
9510 WATTS RD & 604 FEATHER SOUND DRIVE

TOTAL PROJECT AREA	244,981 SF
LOT 1 AREA	176,592 SF
LOT 2 AREA	68,389 SF
BUILDING AREA	69,530 SF
TOTAL IMPERVIOUS	157,690 SF
NUMBER OF PROPOSED SURFACE PARKING STALLS	131
NUMBER OF PROPOSED UNDERGROUND PARKING STALLS	181
NUMBER OF ACCESSIBLE STALLS	11
TOTAL NUMBER OF STALLS	312
NUMBER OF SURFACE BICYCLE STALLS	38
NUMBER OF UNDERGROUND BICYCLE STALLS	179
TOTAL NUMBER OF BICYCLE STALLS	217
LOT COVERAGE	64%
TOTAL USABLE OPEN SPACE	125,031 SF
LOT 1 USABLE SPACE/UNIT	619.38 SF
LOT 2 USABLE SPACE/UNIT	739.31 SF

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

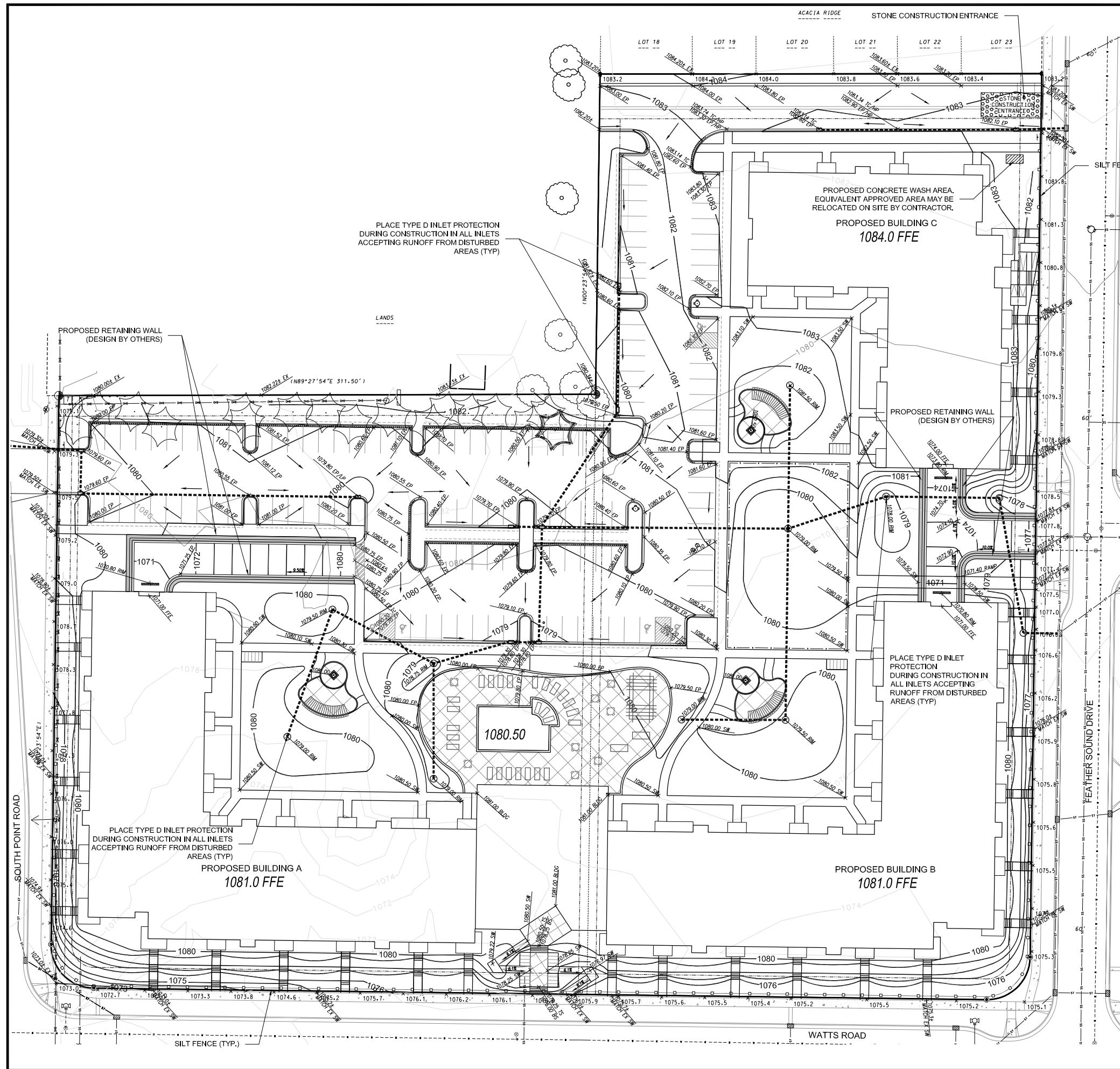
SITE PLAN
THE EDISON
 9510 WATTS RD & 604 FEATHER SOUND DRIVE
 CITY OF MADISON, DANE COUNTY, WI

DATE: 06-25-2019
REVISED:

DRAWN BY:

FN: 19-03-101

Sheet Number:
C-101



LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- SPOT ELEVATION
- EP - EDGE OF PAVEMENT
- FFE - FINISHED FLOOR ELEVATION
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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. ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR
8. 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

GRADING AND EROSION CONTROL NOTES:

1. 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.
2. 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.
3. 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.
4. 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.
5. INSPECT EROSION CONTROL MEASURES AFTER EACH 1/2" OR GREATER RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.
6. NO SITE GRADING OUTSIDE OF THE LIMITS OF DISTURBANCE
7. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER
8. INSTALL TYPE D INLET PROTECTION IN ALL STORM SEWER INLETS AND CATCH BASINS THAT MAY RECEIVE RUNOFF FROM DISTURBED AREAS
9. CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1
10. 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.
11. 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.
12. 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
13. PREVENT EXCESSIVE DUST FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
14. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES.
15. 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.
16. DEWATERING, IF APPLICABLE, SHALL BE CONDUCTED PER WDNR STORM WATER MANAGEMENT TECHNICAL STANDARD 1061.

GRADING AND EROSION CONTROL PLAN

THE EDISON

9510 WATTS RD & 604 FEATHER SOUND DRIVE

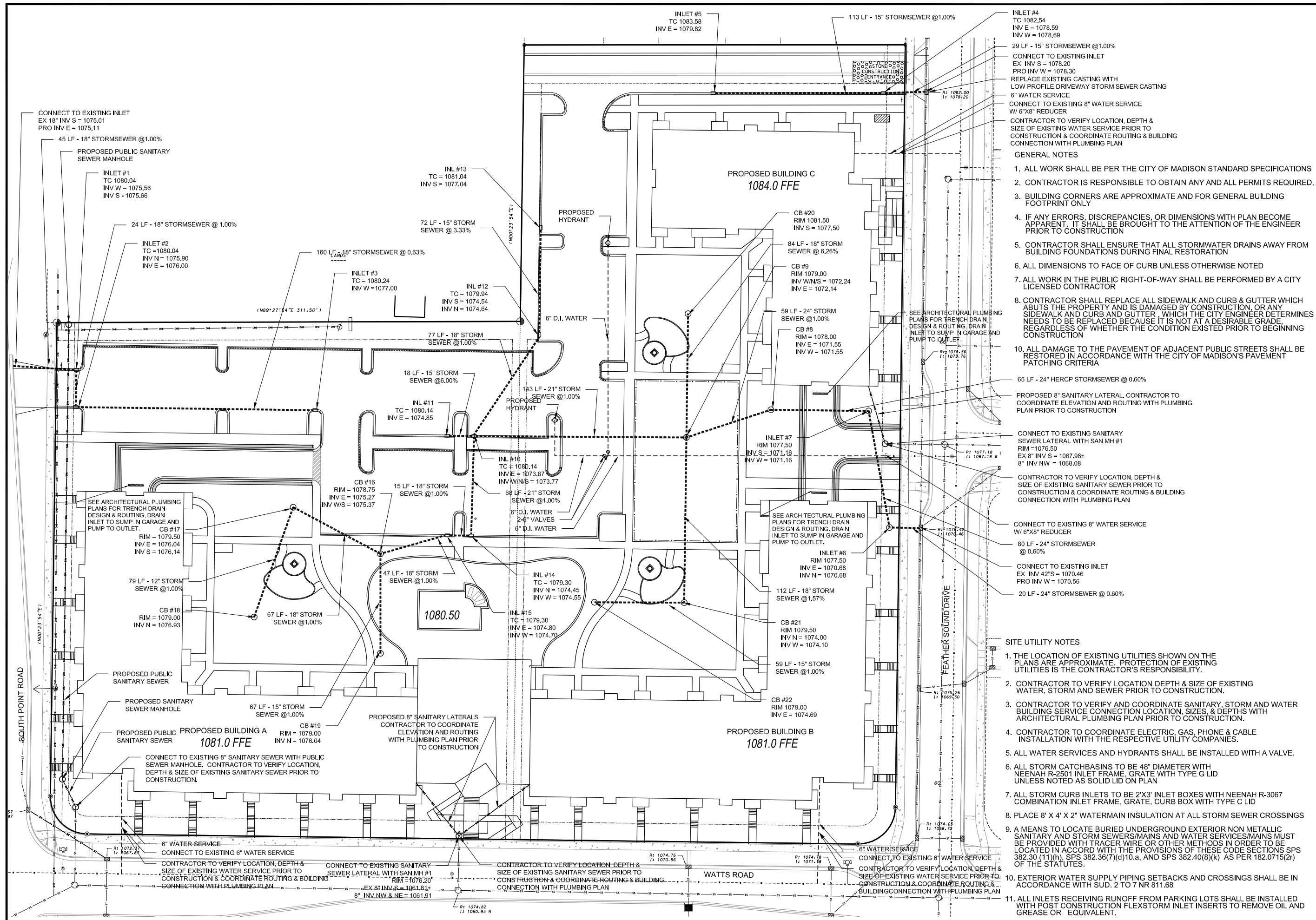
CITY OF MADISON, DANE COUNTY, WI



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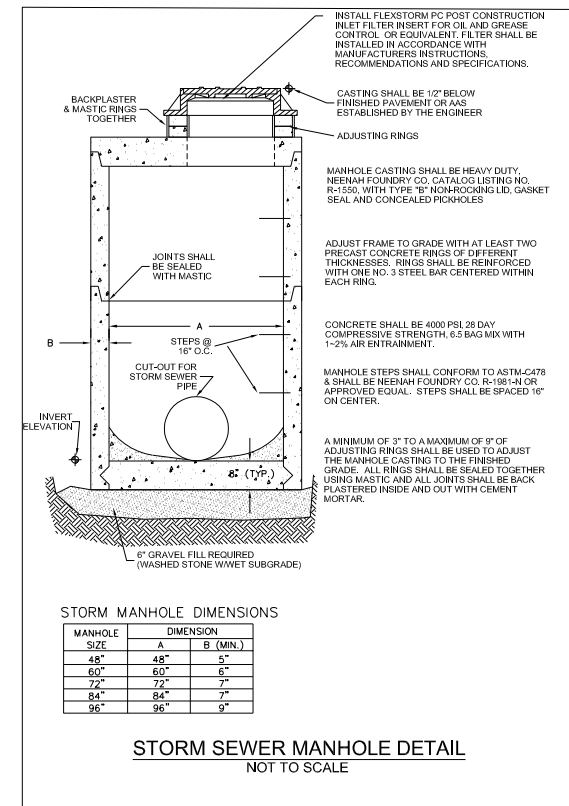
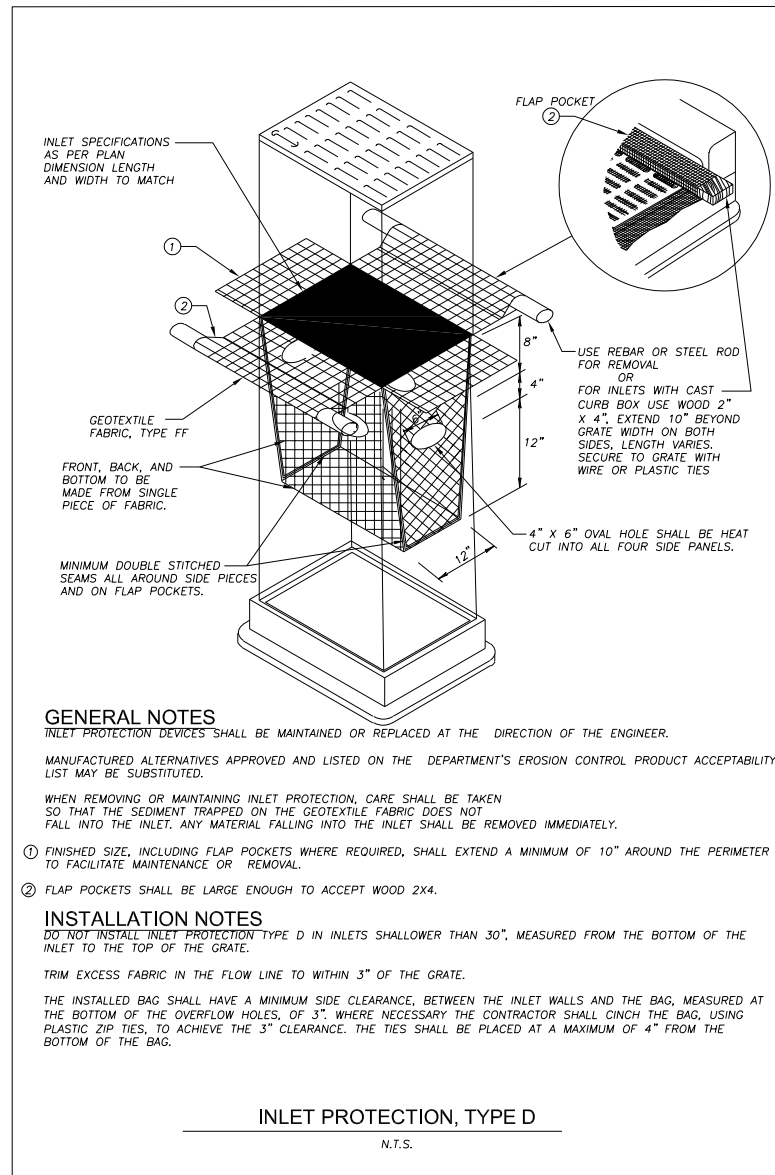
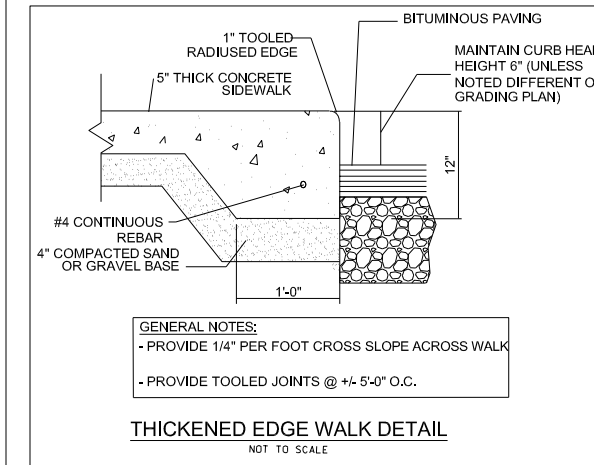
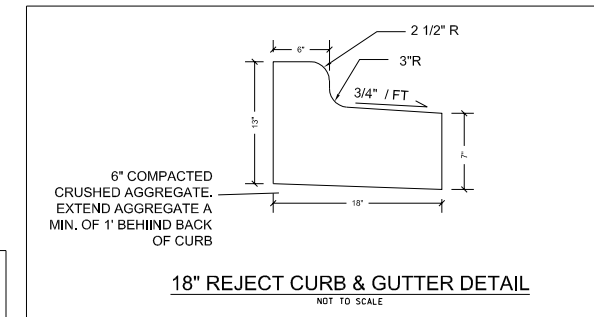
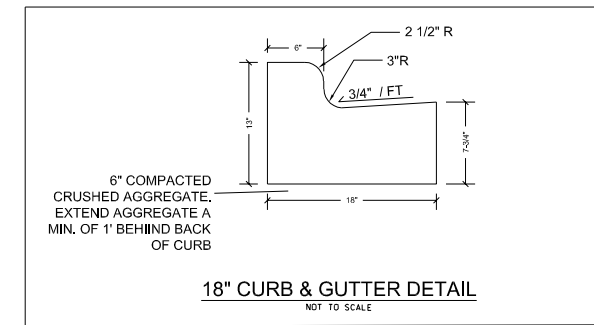
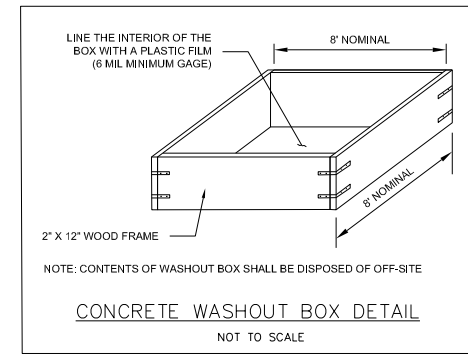
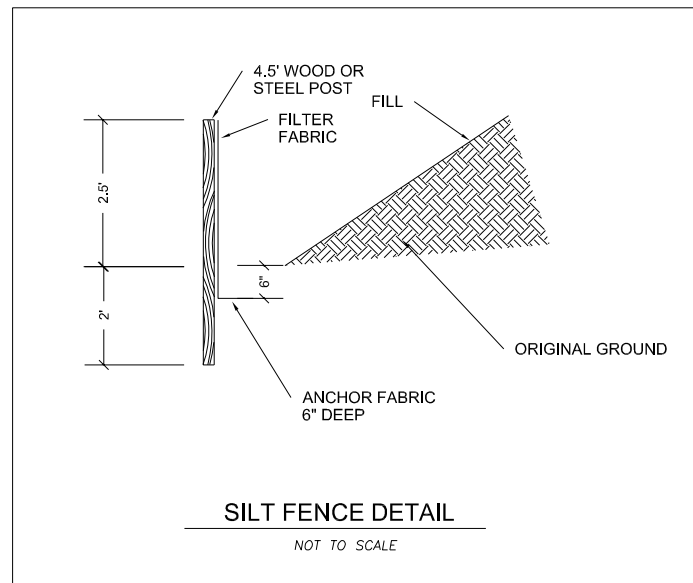
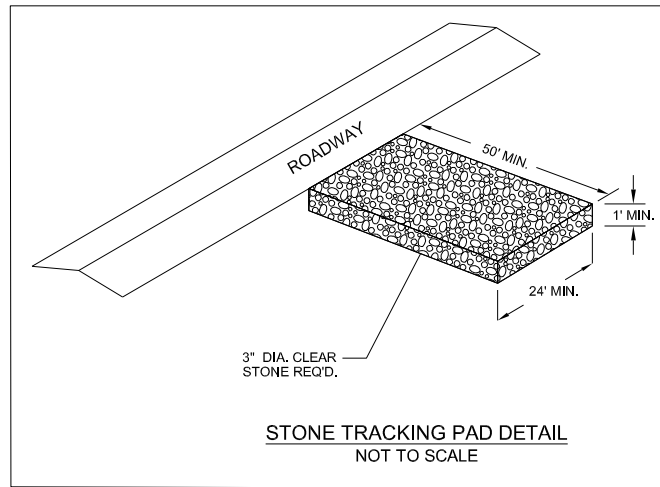
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 CITY OF MADISON, DANE COUNTY, WI

SITE UTILITY PLAN

SITE UTILITY NOTES

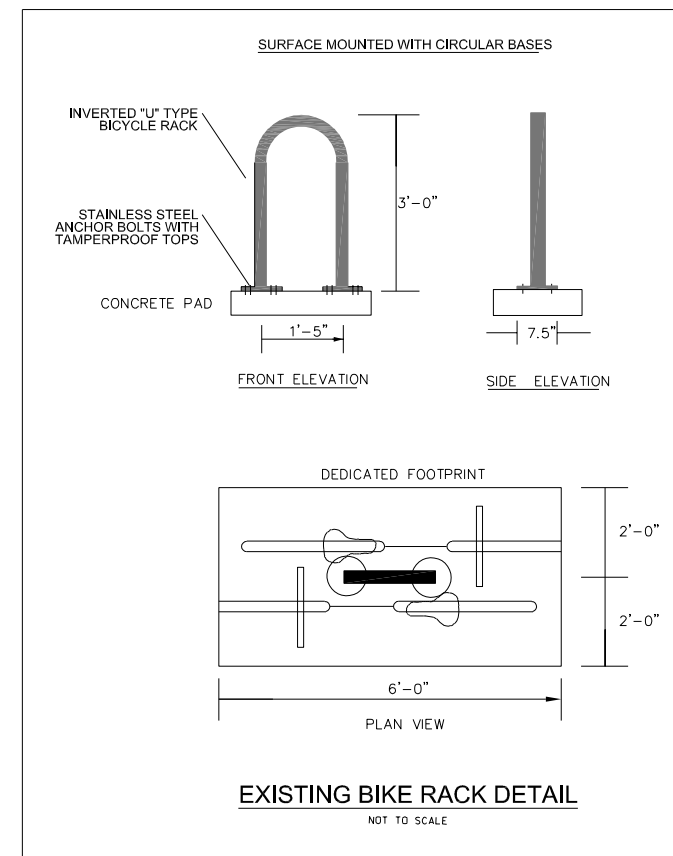
1. THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. PROTECTION OF EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY.
2. CONTRACTOR TO VERIFY LOCATION, DEPTH & SIZE OF EXISTING WATER, STORM AND SEWER PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO VERIFY AND COORDINATE SANITARY, STORM 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.

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STORM MANHOLE DIMENSIONS

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

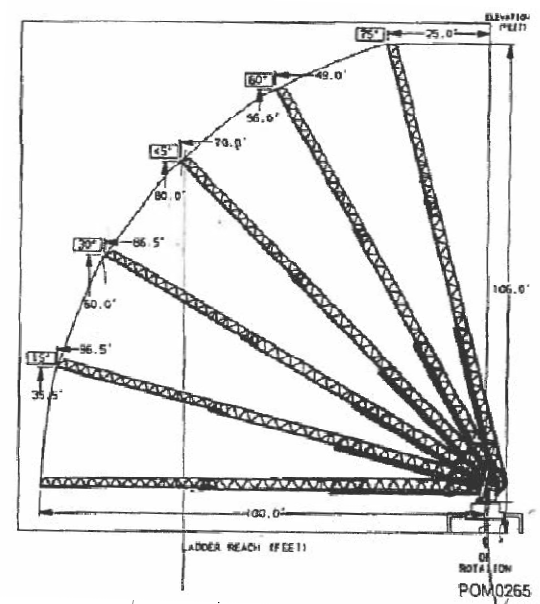





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 CITY OF MADISON, DANE COUNTY, WI
 DETAILS

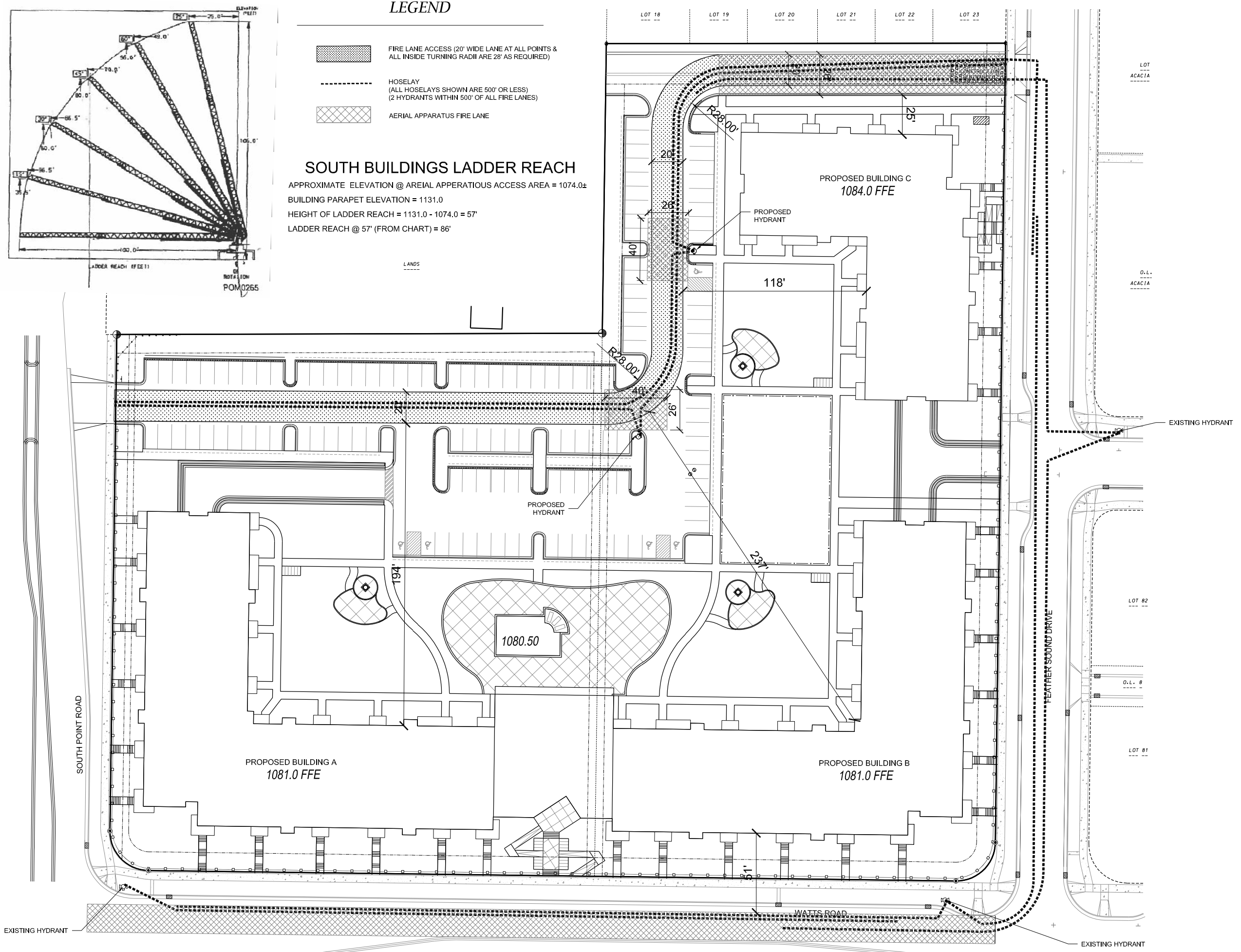
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 C-104




- 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

SOUTH BUILDINGS LADDER REACH
 APPROXIMATE ELEVATION @ AREIAL APPERATIOUS ACCESS AREA = 1074.0±
 BUILDING PARAPET ELEVATION = 1131.0
 HEIGHT OF LADDER REACH = 1131.0 - 1074.0 = 57'
 LADDER REACH @ 57' (FROM CHART) = 86'



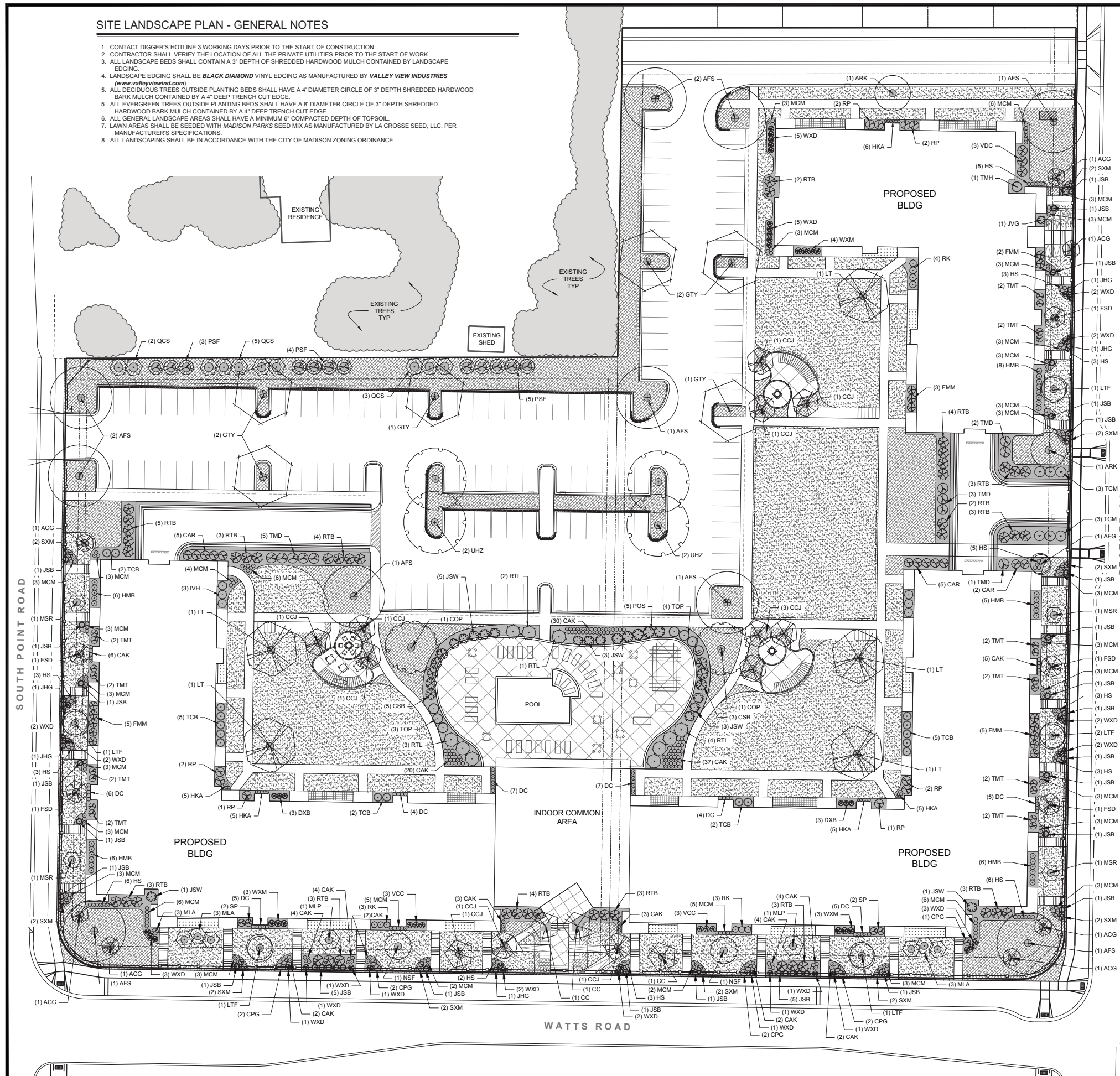
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FIRE PLAN
THE EDISON
 9510 WATTS RD & 604 FEATHER SOUND DRIVE
 CITY OF MADISON, DANE COUNTY, WI


 0 30'
 DATE: 06-25-2019
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C-105

SITE LANDSCAPE PLAN - GENERAL NOTES

- CONTACT DIGGER'S HOTLINE 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL THE PRIVATE UTILITIES PRIOR TO THE START OF WORK.
- ALL LANDSCAPE BEDS SHALL CONTAIN A 3" DEPTH OF SHREDDED HARDWOOD MULCH CONTAINED BY LANDSCAPE EDGING.
- LANDSCAPE EDGING SHALL BE **BLACK DIAMOND** VINYL EDGING AS MANUFACTURED BY **VALLEY VIEW INDUSTRIES** (www.valleyviewinc.com)
- ALL DECIDUOUS TREES OUTSIDE PLANTING BEDS SHALL HAVE A 4" DIAMETER CIRCLE OF 3" DEPTH SHREDDED HARDWOOD BARK MULCH CONTAINED BY A 4" DEEP TRENCH CUT EDGE.
- ALL EVERGREEN TREES OUTSIDE PLANTING BEDS SHALL HAVE A 8" DIAMETER CIRCLE OF 3" DEPTH SHREDDED HARDWOOD BARK MULCH CONTAINED BY A 4" DEEP TRENCH CUT EDGE.
- ALL GENERAL LANDSCAPE AREAS SHALL HAVE A MINIMUM 6" COMPACTED DEPTH OF TOPSOIL.
- LAWN AREAS SHALL BE SEEDDED WITH MADISON PARKS SEED MIX AS MANUFACTURED BY LA CROSSE SEED, LLC. PER MANUFACTURER'S SPECIFICATIONS.
- ALL LANDSCAPING SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON ZONING ORDINANCE.



LANDSCAPE REQUIREMENTS SUMMARY

DEVELOPED AREA REQUIREMENT:
 5 POINTS PER 300 SF OF DEVELOPED AREA
 GROSS DEVELOPED AREA = 205,143 SQ FT
 BUILDING FOOTPRINTS = 68,147 SQ FT
 NET DEVELOPED AREA = 135,996 SQ FT (3.12 ACRE)
 TOTAL POINTS REQUIRED = 2,267 POINTS
 POINTS PROVIDED = 5,134 POINTS

STREET FRONTAGE REQUIREMENT:
 1 OVERSTORY TREE OR 2 EVERGREEN / ORNAMENTAL & 5 SHRUB PER 30 FT

SOUTH POINT ROAD FRONTAGE = 300 FT
 PLANTS REQUIRED = 10 OVERSTORY TREES OR
 20 EVERGREEN / ORNAMENTAL TREES
 50 SHRUBS
 PLANTS PROVIDED = 10 OVERSTORY TREES
 51 SHRUBS

WATTS ROAD FRONTAGE = 526 FT
 PLANTS REQUIRED = 18 OVERSTORY TREES OR
 36 EVERGREEN / ORNAMENTAL TREES
 88 SHRUBS
 PLANTS PROVIDED = 16 OVERSTORY TREES
 8 ORNAMENTAL TREES
 90 SHRUBS

FEATHER SOUND DRIVE FRONTAGE = 450 FT
 PLANTS REQUIRED = 15 OVERSTORY TREES OR
 30 EVERGREEN / ORNAMENTAL TREES
 75 SHRUBS
 PLANTS PROVIDED = 15 OVERSTORY TREES
 97 SHRUBS

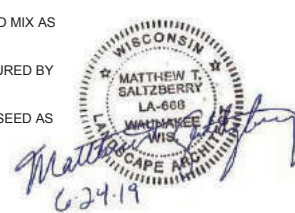
PARKING LOT LANDSCAPING REQUIREMENT:
 1 OVERSTORY TREE OR 2 ORNAMENTAL TREES PER 160 SQ FT OF REQUIRED AREA
 TOTAL PARKING LOT AREA = 53,907 SQ FT
 REQUIRED LANDSCAPED AREA = 4,313 SQ FT (8% TOTAL PARKING LOT AREA)
 LANDSCAPED AREA PROVIDED = 4,313 SQ FT
 OVERSTORY TREES PROVIDED = 27 OVERSTORY TREES
 OVERSTORY TREES PROVIDED = 27 OVERSTORY TREES

PLANT SCHEDULE

CODE	SCIENTIFIC NAME	COMMON NAME	QTY	PTS PER PLANT	SUB-TOTAL	SIZE	ROOT COND.	NOTES
OVERSTORY DECIDUOUS TREES								
AFG	Acer x freemanii 'Armstrong Gold'	Armstrong Gold Maple	1	35	35	2.5'	B&B	
AFS	Acer x freemanii 'Sienna Glen'	Sienna Glen Maple	10	35	350	2.5'	B&B	
ARK	Acer rubrum 'Karpick'	Karpick Maple	2	35	70	2.5'	B&B	
AXG	Amelanchier canadensis 'Glenn Form'	Rainbow Pillar Serviceberry	7	35	245	2.5'	B&B	
CC	Carpinus caroliniana	American Hornbeam	4	35	140	2.5'	B&B	
CCJ	Carpinus caroliniana 'JN Strain'	JN Strain Muscledwood	11	35	385	2.5'	B&B	
COP	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry	2	35	70	2.5'	B&B	
FSD	Fagus sylvatica 'Dawycok Purple'	Dawycok Purple Beech	5	35	175	2.5'	B&B	
GTJ	Gleditsia triacanthos 'Skycole'	Skyline Honeylocust	6	35	210	2.5'	B&B	
LT	Lindodendron tulipifera 'JFS-Oz'	Emerald City Tulip Poplar	5	35	175	2.5'	B&B	
MR	Magnolia stellata 'Royal Star'	Royal Star Magnolia	4	35	140	2.5'	B&B	
NSF	Nyssa sylvatica 'Firestarter'	Firestarter Black Gum	2	35	70	2.5'	B&B	
LHZ	Ulmus 'New Horizon'	New Horizon Elm	4	35	140	2.5'	B&B	
TALL EVERGREEN TREES								
PSF	Pinus strobus 'Fastigiata'	Columnar White Pine	12	35	420	6' TALL	B&B	
ORNAMENTAL TREE								
MLF	Malus 'Adirondack'	Adirondack Crabapple	6	15	90	1.5'	B&B	
MLP	Malus 'Pink Princess'	Pink Princess Crabapple	2	15	30	1.5'	B&B	
QCS	Quercus 'Crimschmidt'	Crimson Spire Oak	10	15	150	1.5'	B&B	
UPRIGHT EVERGREEN SHRUB								
JSW	Juniperus scopulorum 'Welch'	Welch Juniper	13	10	130	4' TALL	POT	
JVG	Juniperus virginiana 'Grey Owl'	Grey Owl Juniper	1	10	10	4' TALL	POT	
TMH	Taxus x media 'Hicksii'	Hick's Yew	1	10	10	4' TALL	POT	
TOP	Thuja occidentalis 'Pyramidal'	Pyramidal Arborvitae	7	10	70	4' TALL	POT	
DECIDUOUS SHRUB								
CAR	Clethra alnifolia 'Ruby Spice'	Ruby Spice Clethra	12	3	36	24" TALL	POT	
CSB	Cornus sericea 'Bailhali'	Ivory Halo Dogwood	8	3	24	24" TALL	POT	
DXB	Daphne x burkwoodii 'Carol Mackie'	Carol Mackie Daphne	6	3	18	24" TALL	POT	
FMM	Fothergilla 'Mt. Airy'	Mt. Airy Fothergilla	15	3	45	24" TALL	POT	
HMB	Hydrangea 'Sailor'	Endless Summer Hydrangea	30	3	90	24" TALL	POT	
HH	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	6	3	18	24" TALL	POT	
POS	Physocarpus opulifolius 'Seward'	Summer Wine Ninebark	5	3	15	24" TALL	POT	
RK	Rosa 'Knockout'	Knockout Rose	10	3	30	24" TALL	POT	
RTB	Rhus typhina 'Baltiger'	Tiger Eyes Sumac	45	3	135	36" TALL	POT	
RTL	Rhus typhina 'Laciniata'	Cutleaf Staghorn Sumac	10	3	30	36" TALL	POT	
SP	Salix 'Penda'	Penda Lilac	4	3	12	36" TALL	POT	
SXM	Spiraea 'Magic Carpet'	Magic Carpet Spiraea	20	3	60	12" TALL	POT	
VCC	Viburnum cerasiifolium 'Nansan'	Compact Koreanspice Viburnum	6	3	18	24" TALL	POT	
VDC	Viburnum dentatum 'Christom'	Blue Muffin Viburnum	3	3	9	24" TALL	POT	
WDX	Weigela 'Dark Horse'	Dark Horse Weigela	40	3	120	18" TALL	POT	
WXM	Weigela 'Minuet'	Minuet Weigela	10	3	30	18" TALL	POT	
EVERGREEN SHRUB								
CPG	Chamaecyparis pisifera 'Golden Mop'	Golden Mop False Cypress	10	4	40	24" TALL	POT	
JHG	Juniperus horizontalis 'Gold Strike'	Gold Strike Juniper	8	4	32	12" TALL	POT	
JSB	Juniperus squamata 'Blue Star'	Blue Star Juniper	32	4	128	12" TALL	POT	
RP	Rhododendron 'PJM'	PJM Rhododendron	10	4	40	24" TALL	POT	
TCB	Tsuga canadensis 'Bennett'	Bennett Hemlock	16	4	64	24" TALL	POT	
TCM	Taxus cuspidata 'Monloco'	Emerald Spreader Yew	6	4	24	24" TALL	POT	
TMD	Taxus x media 'Densiformis'	Densiformis Yew	11	4	44	24" TALL	POT	
TMT	Taxus 'Taunton'	Taunton Yew	20	4	80	24" TALL	POT	
ORNAMENTAL GRASSES								
CAK	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	127	2	254	1 GAL	POT	
DC	Deschampsia cespitosa 'Schottland'	Scottland Tufted Hair Grass	42	2	84	1 GAL	POT	
HM	Helictotrichon macro 'All Gold'	All Gold Japanese Forest Grass	26	2	52	1 GAL	POT	
HS	Helictotrichon sempervirens	Blue Oat Grass	48	2	96	1 GAL	POT	
MCM	Molinia caerulea 'Moorflamme'	Flaming Moor Grass	110	2	220	1 GAL	POT	
			TOTAL:	5134	POINTS			

GROUND COVER LEGEND

- MADISON PARKS LAWN SEED** AS MANUFACTURED BY EARTH CARPET
- PRAIRIE LOW GROWING MEADOW FOR DRY SOILS** SEED MIX AS MANUFACTURED BY PRAIRIE NURSERY
- POLLINATOR SEED MIX FOR DRY SOILS** AS MANUFACTURED BY PRAIRIE NURSERY
- WOODLAND EDGE / SAVANNA MIX FOR MEDIUM SOILS** SEED AS MANUFACTURED BY PRAIRIE NURSERY
- BARK MULCH**



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LANDSCAPE PLAN

THE EDISON

9510 WATTS RD & 604 FEATHER SOUND DRIVE

CITY OF MADISON, DAINE COUNTY, WI

DATE: 06-25-2019
 REVISED:

DRAWN BY:

FN: 19-03-101

Sheet Number:
L-101



CITY OF MADISON LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Project Location / Address 9402 & 9510 WATTS ROAD
 Name of Project EDISON APARTMENTS
 Owner / Contact EDISON, LLC / ULIAN KISSIOV / MATT SALTZBERRY, PLA
 Contact Phone 608-320-3151 Contact Email UKISSIOV@GMAIL.COM
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 135,996
 Total landscape points required 2,267

- (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 N/A
 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 N/A
 Total landscape points required _____

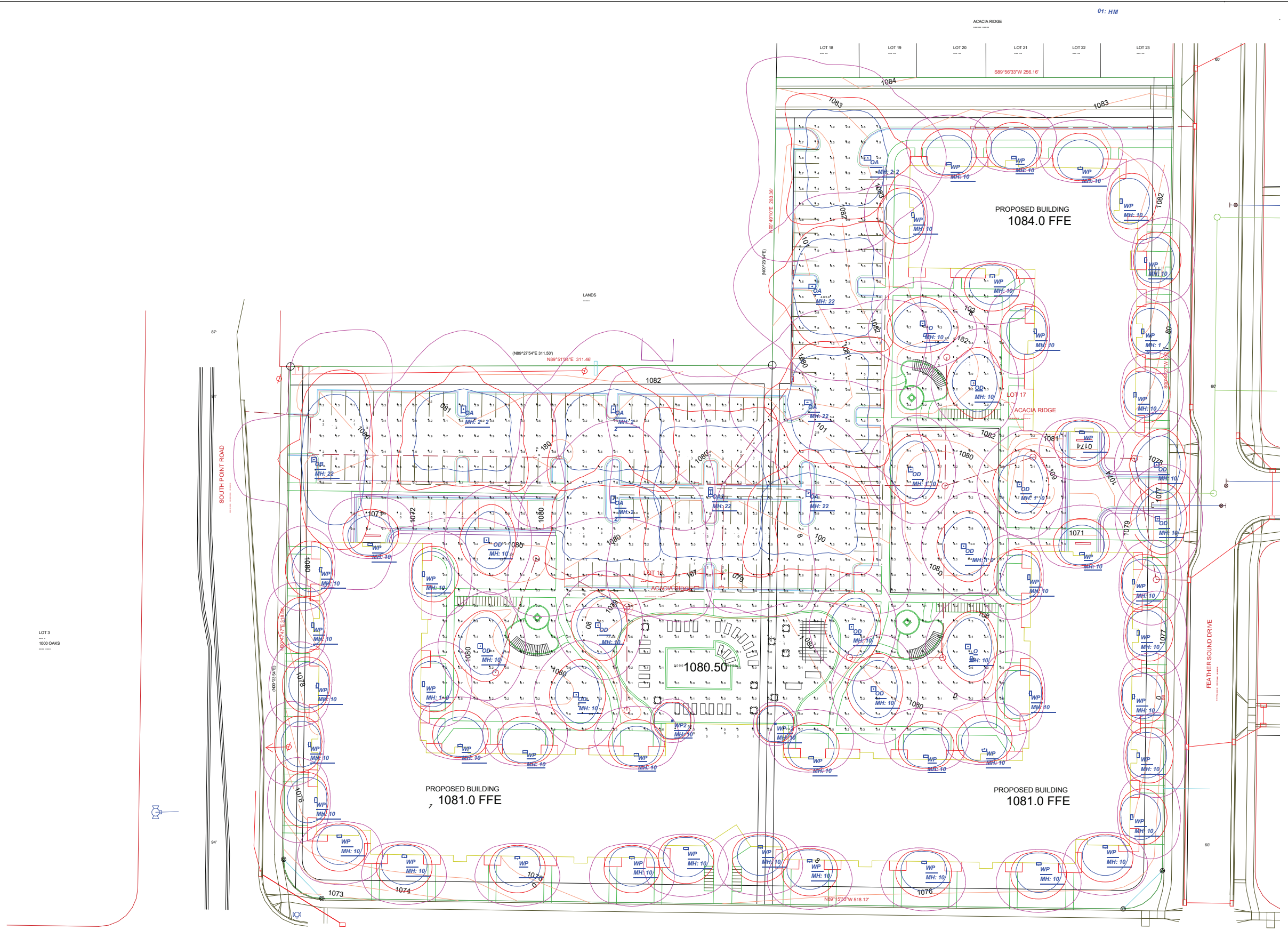
Tabulation of Points and Credits

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			68	2,380
Tall evergreen tree (i.e. pine, spruce)	5-6 feet tall	35			12	420
Ornamental tree	1 1/2 inch caliper	15			18	270
Upright evergreen shrub (i.e. arborvitae)	3-4 feet tall	10			22	220
Shrub, deciduous	#3 gallon container size, Min. 12"-24"	3			230	690
Shrub, evergreen	#3 gallon container size, Min. 12"-24"	4			113	452
Ornamental grasses/ perennials	#1 gallon container size, Min. 8"-18"	2			351	702
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						5,134

Total Number of Points Provided 5,134

* 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.



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARK AREAS	Illuminance	Fc	1.09	12.6	0.0	N.A.	N.A.
PARKING	Illuminance	Fc	1.99	8.7	0.2	9.95	43.50

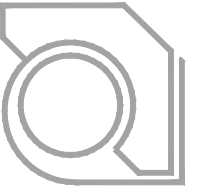
Luminaire Schedule									
Symbol	Qty	Label	Description	Arrangement	Total Lamp Lumens	Lum. Lumens	Lum. Watts	LLF	
OA	7	OA	ASL-16L-5K-210-4	SINGLE	13104	13104	115	0.900	
OA2	1	OA2	ASL-16L-4K-210-4	BACK-BACK	13104	13104	115	0.900	
OB	1	OB	ASL-16L-4K-210-3	SINGLE	12801	12801	115	0.900	
OD	14	OD	PKWM-ANG-Y2HD-32LED-4K-700	SINGLE	N.A.	4311	71	0.900	
WP	43	WP	SG1-30-4K-PCU	SINGLE	N.A.	3060	29.1	0.900	
WP2	2	WP2	WD1Q360BZ-L26	SINGLE	1069	1069	15.04	2.430	

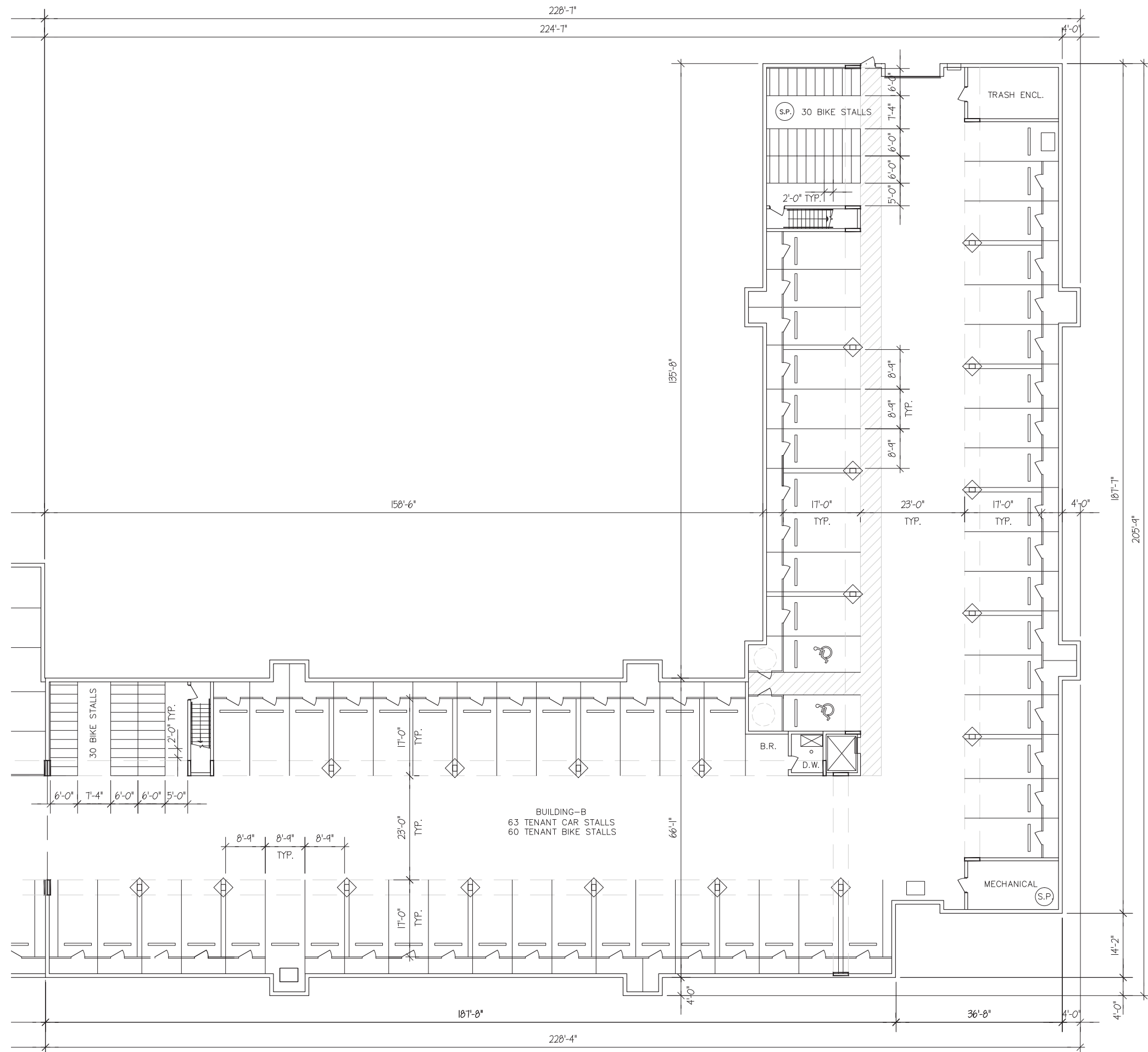
- Standard Reflectance of 80/50/20 unless noted otherwise
- Not a Construction Document, for Design purposes only
- Standard indoor calc points @ 0" A.F.F.
- Standard outdoor calc points @ Grade unless noted otherwise
- Mlazgar Associates assumes no responsibility for installed light levels due to field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

#	Date	Comments
Revisions		

RLMA Project #: 82983
 Drawn By: MB
 Date: 6/24/2019

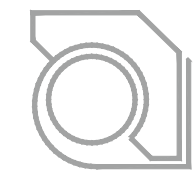
SITE PLAN
EDISON APARTMENTS
MADISON, WI





UNDERGROUND PARKING - BLDG.B

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



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A-0B



SHADED AREA INDICATES 3,470 SF FLEX SPACE, INITIALLY TO BE CONSTRUCTED AS (4) APARTMENT UNITS - SUBJECT OF THIS SUBMITTAL TO BE CONVERTED INTO COMMERCIAL SPACE IN THE FUTURE - SUBJECT OF A SEPARATE SUBMITTAL.

FIRST FLOOR PLAN - BLDG.A

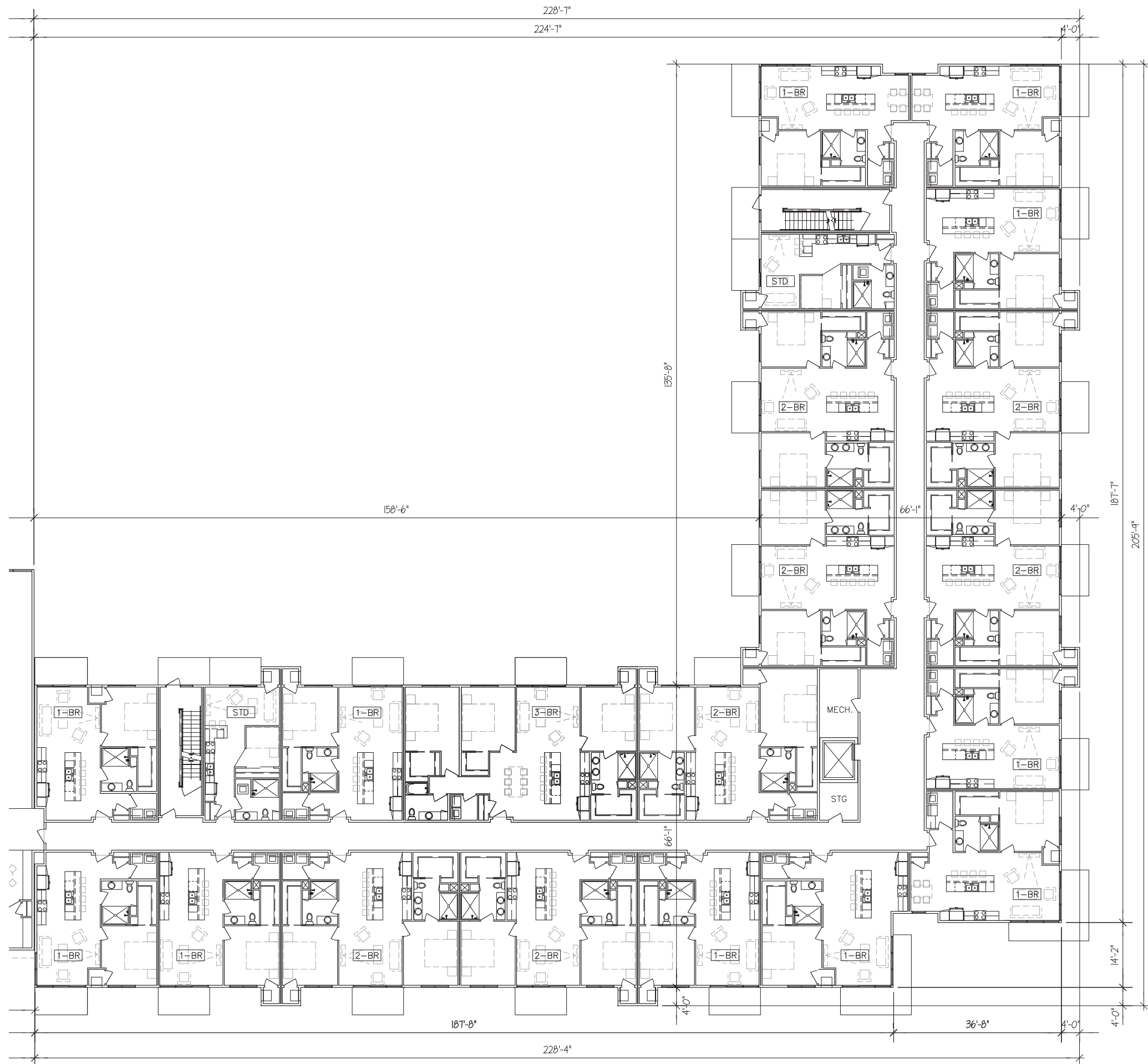
3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'



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FIRST FLOOR PLAN - BLDG.B

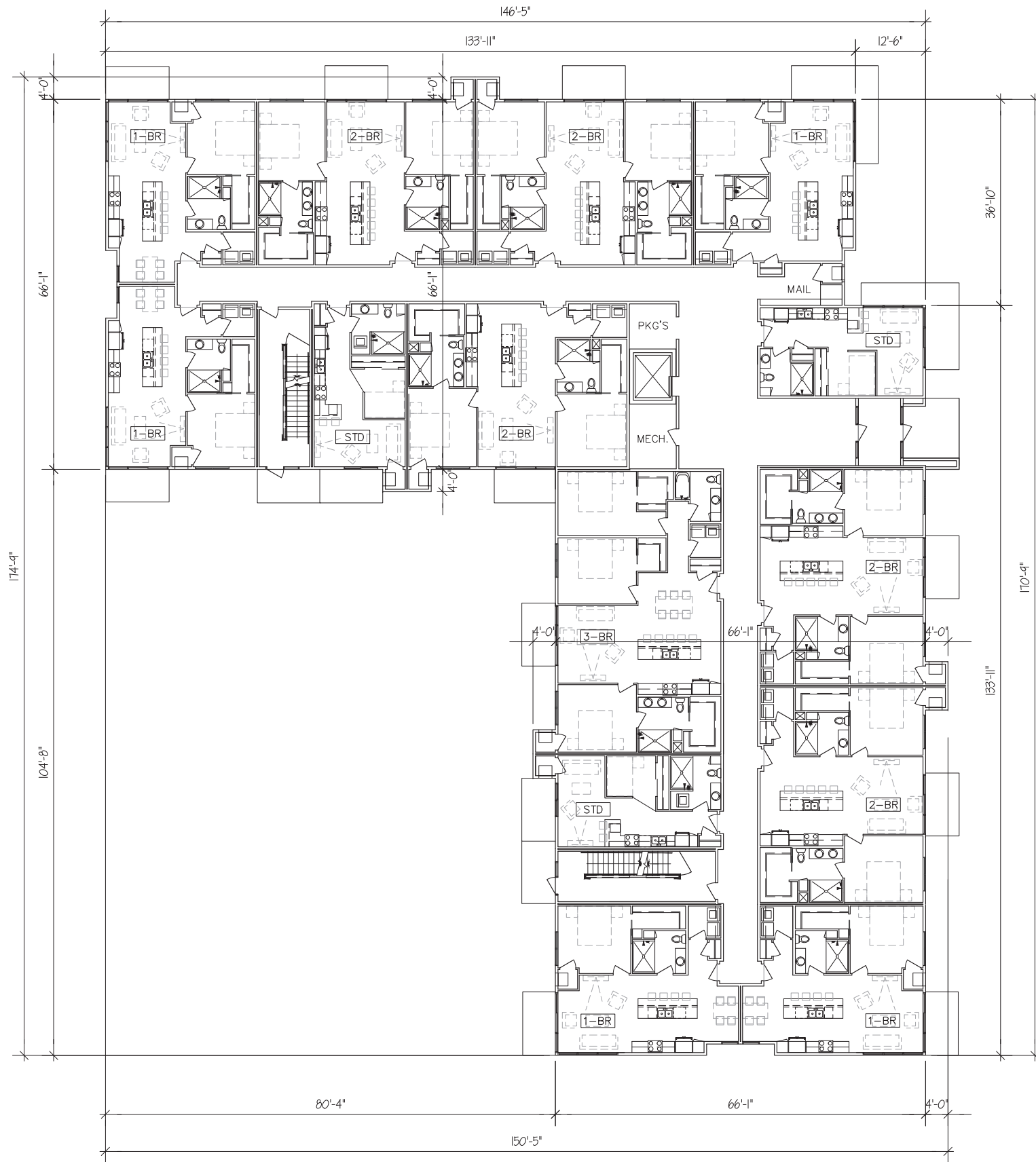
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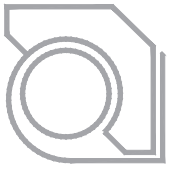
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FIRST FLOOR PLAN - BLDG.C

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'



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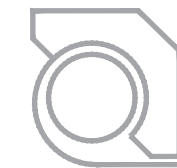
PROJECT:
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SECOND & THIRD FLOOR PLAN - BLDG.A

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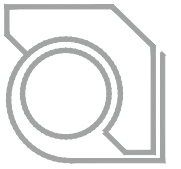
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SECOND FLOOR PLAN - BLDG.B

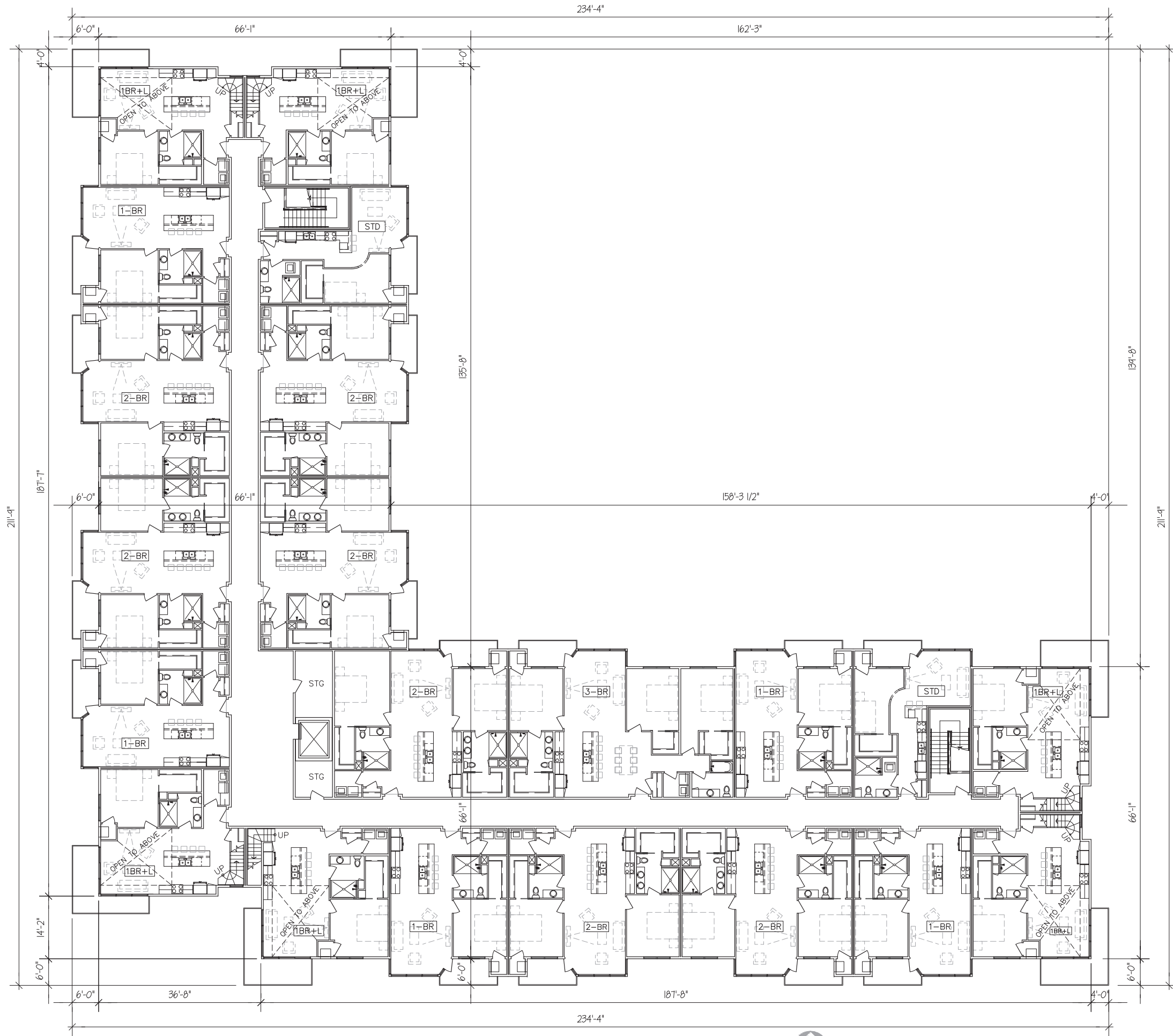
3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'



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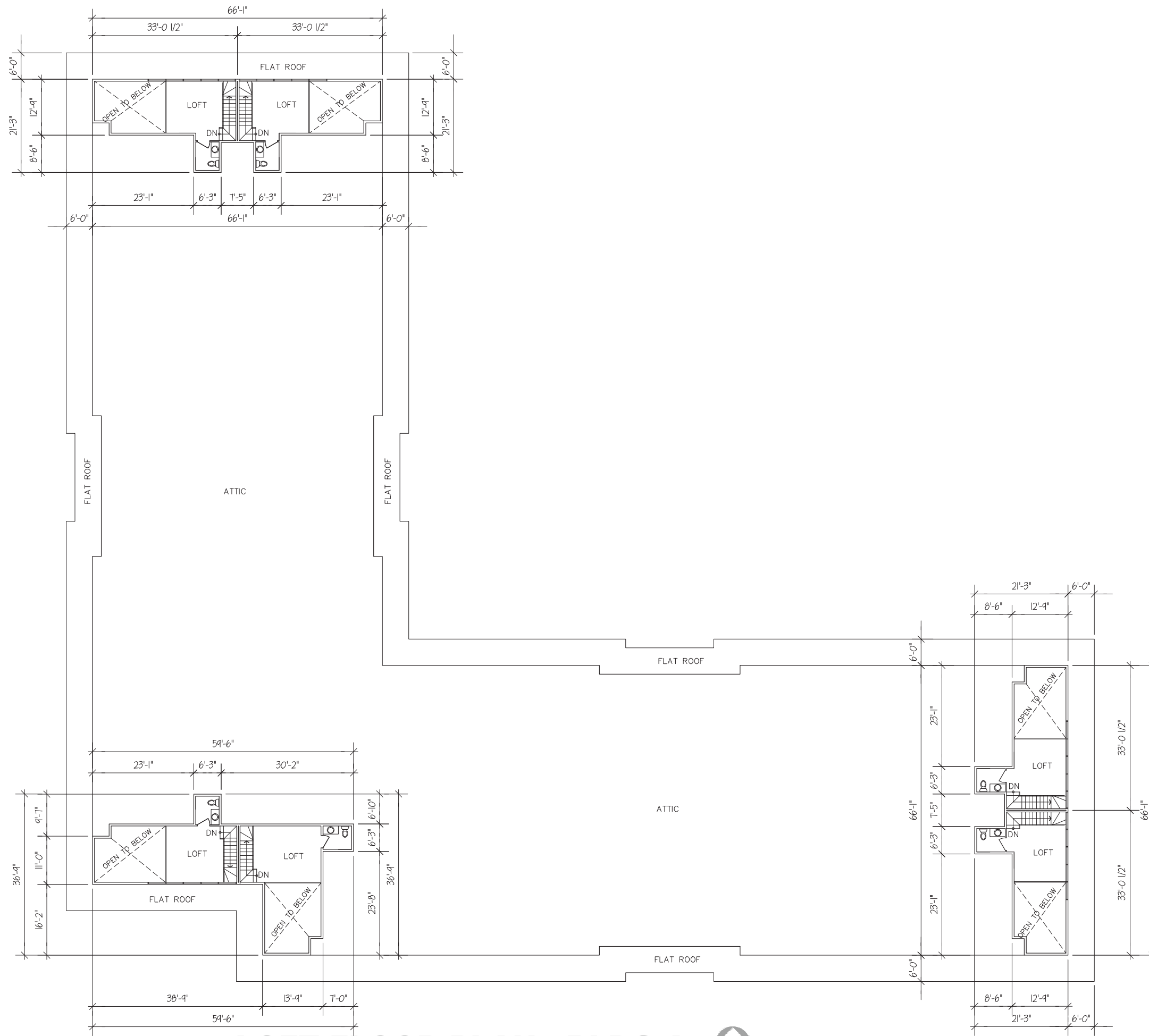
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FOURTH FLOOR PLAN - BLDG.A

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





LOFT FLOOR PLAN - BLDG.A

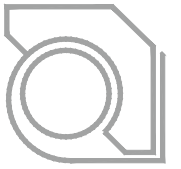
3/32" = 1'-0" (24x36)



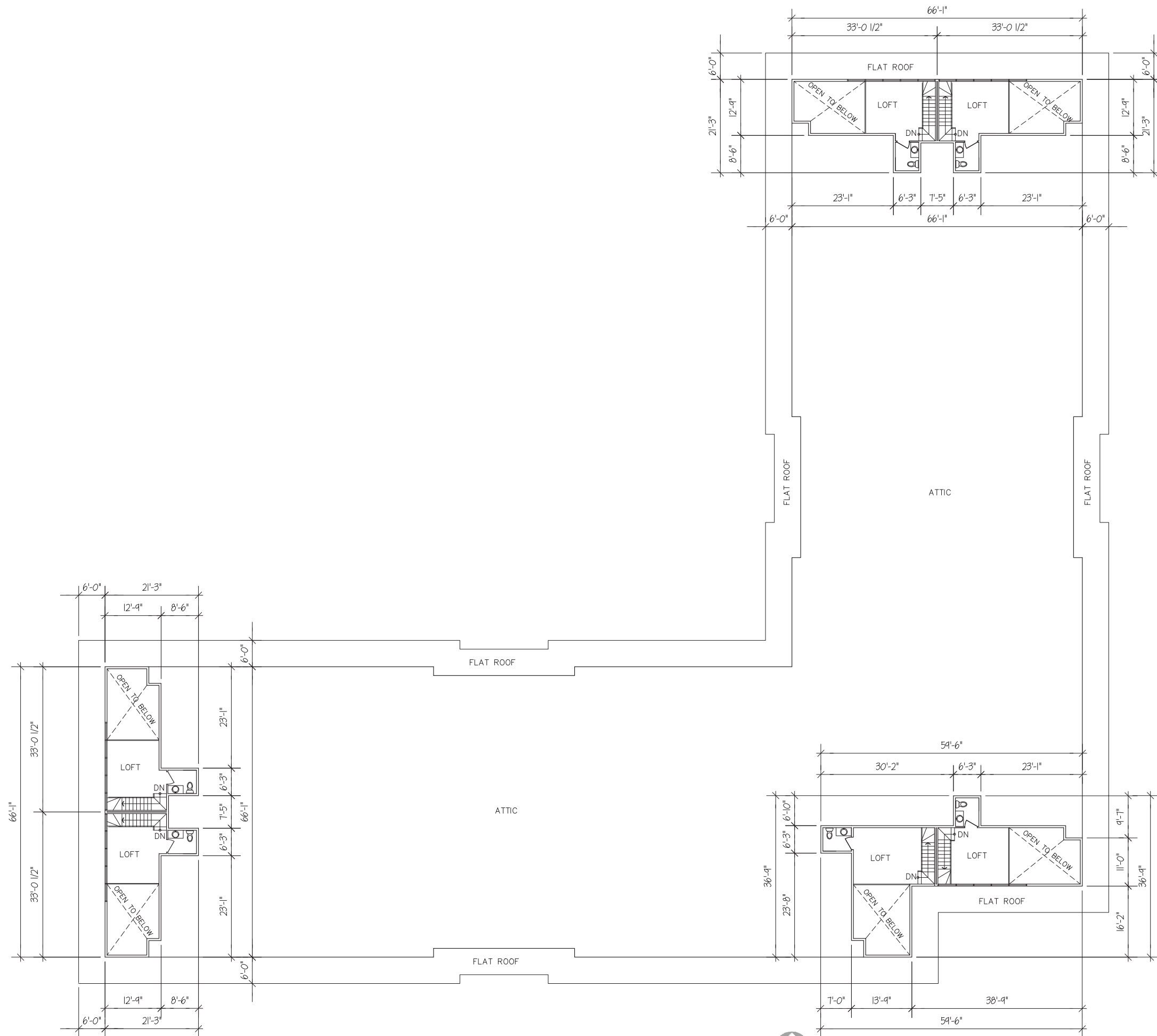
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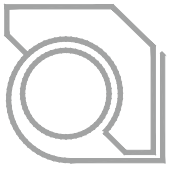
LOFT FLOOR PLAN - BLDG.B

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'

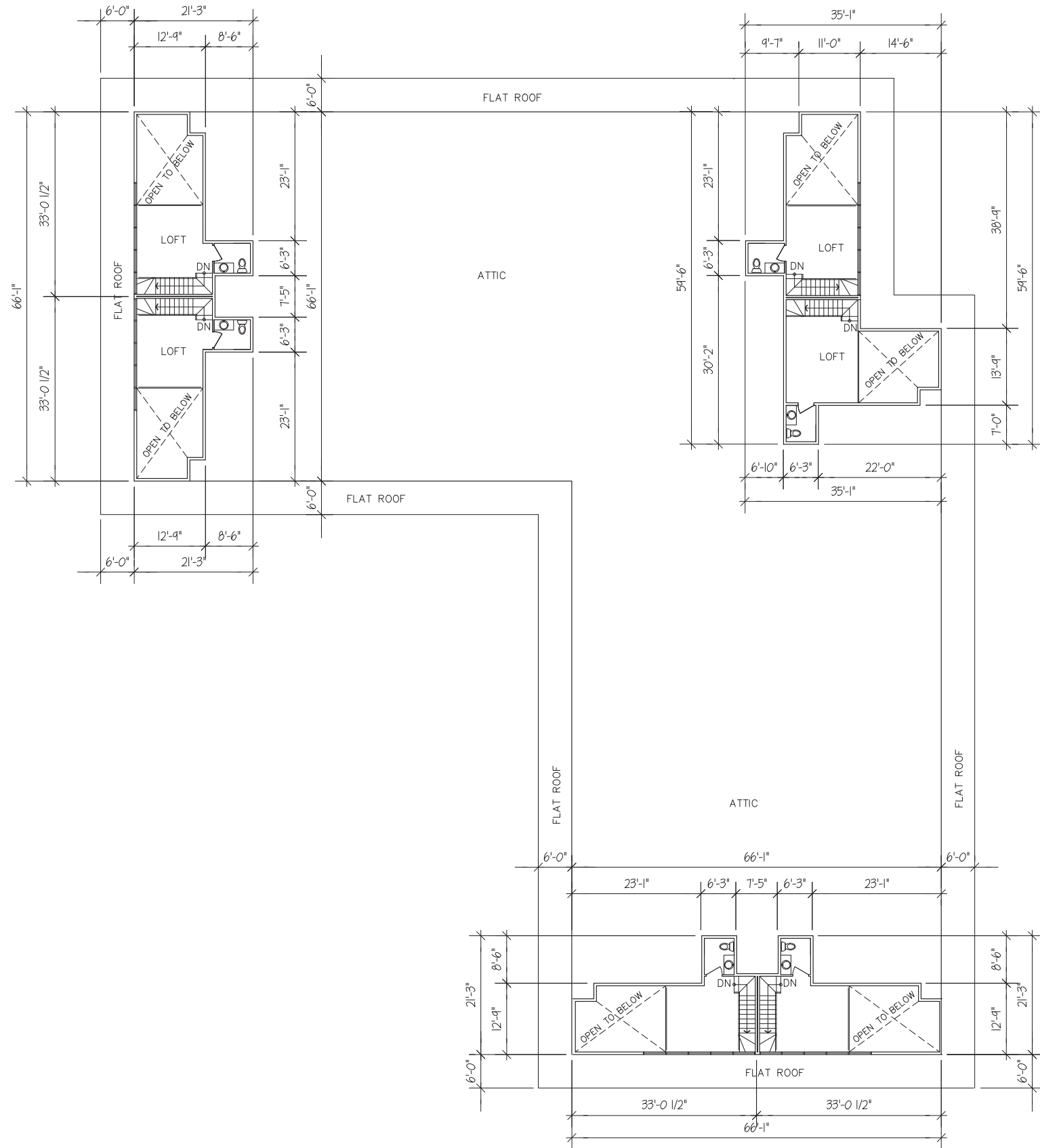


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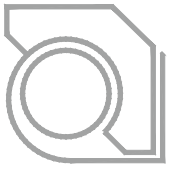
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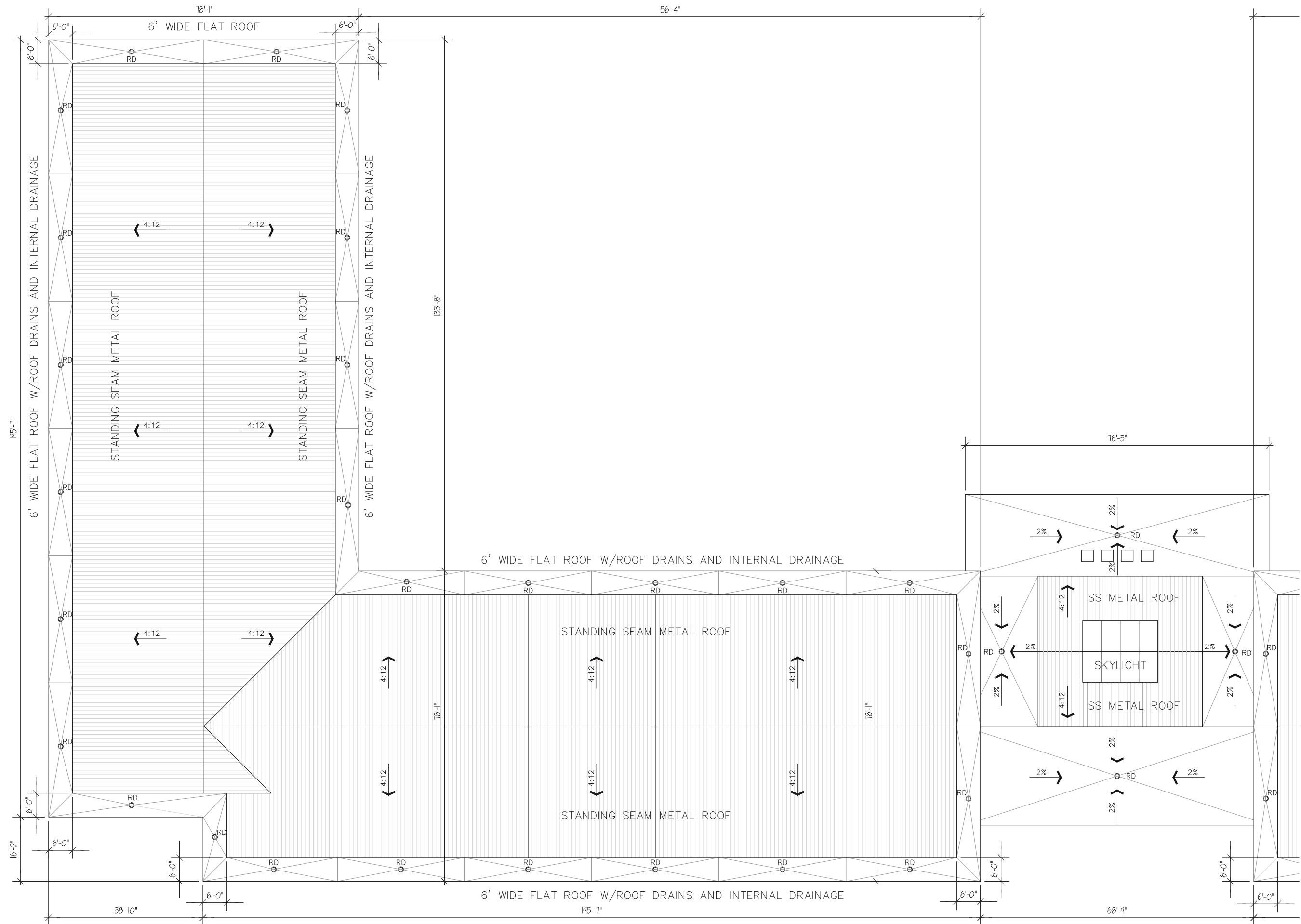
LOFT FLOOR PLAN - BLDG.C

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





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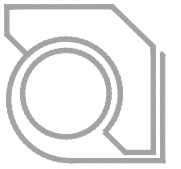
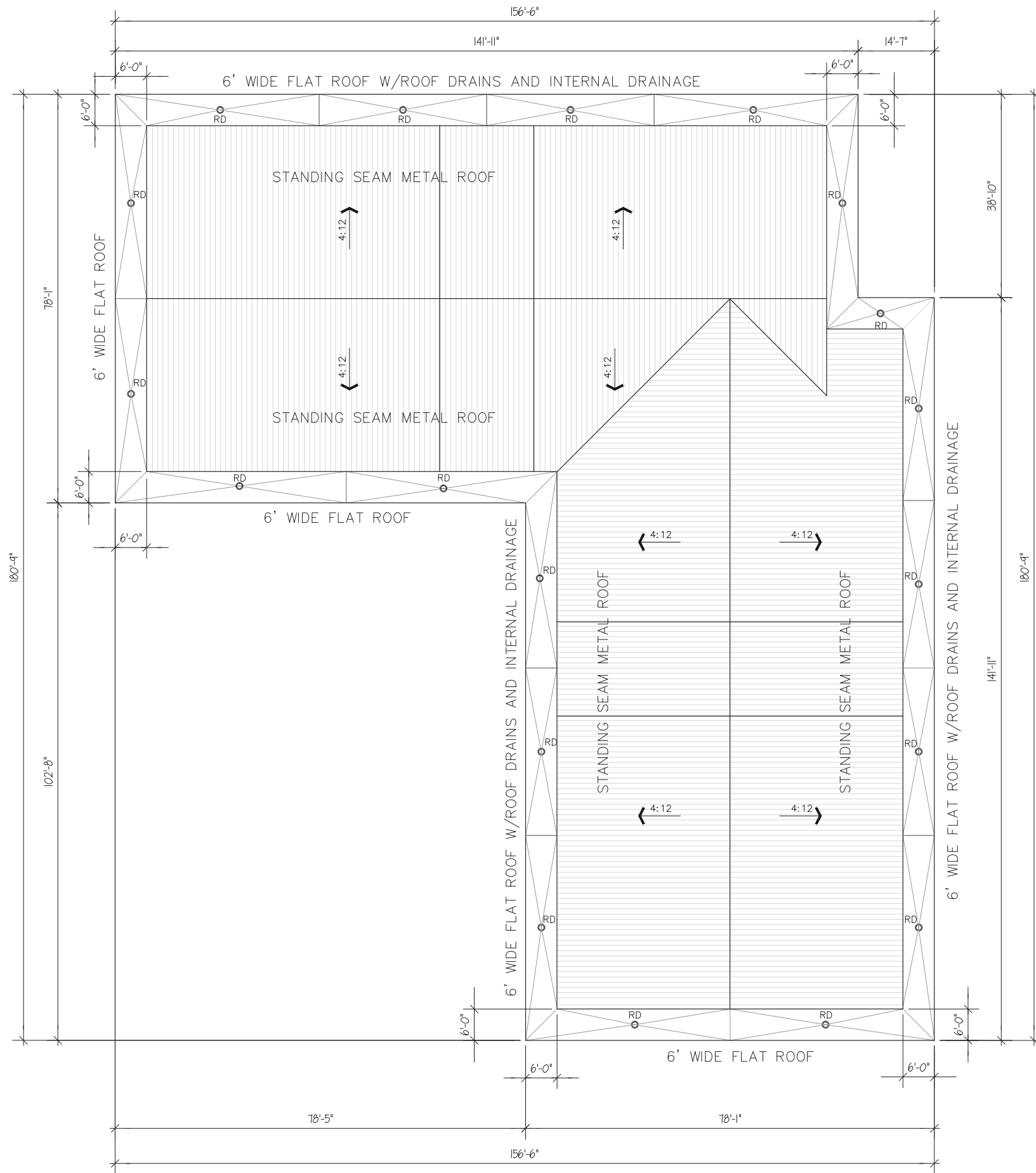
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ROOF PLAN - BLDG.A

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





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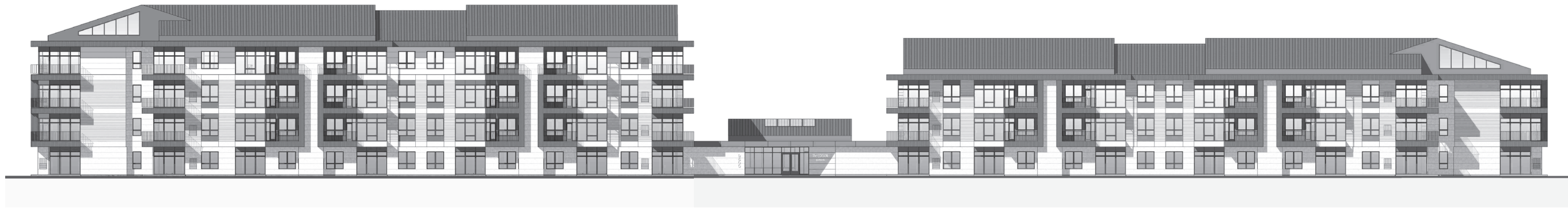
ROOF PLAN - BLDG.C

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





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WATTS ROAD ELEVATION



FEATHER SOUND DRIVE ELEVATION

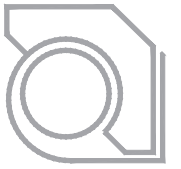


SOUTH POINT ROAD ELEVATION



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SOUTH FACADE - BLDG.A

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



WEST FACADE - BLDG.A

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

MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
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 CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SW7515
- ⑧ JH FIBERCEMENT SMOOTH PANELS
COLOR: MATCH LIMESTONE
- ⑨ ALUMINUM RAILING
COLOR: MATCH SW7515

PROJECT:
THE EDISON
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NORTH FACADE - BLDG.A

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'



EAST FACADE - BLDG.A

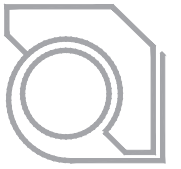
3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'

MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
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 CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SW7515
- ⑧ JH FIBERCEMENT SMOOTH PANELS
COLOR: MATCH LIMESTONE
- ⑨ ALUMINUM RAILING
COLOR: MATCH SW7515

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SOUTH FACADE - BLDG.B

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



EAST FACADE - BLDG.B

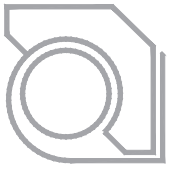
3/32" = 1'-0" (24x36)

MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
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 CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SW7515
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COLOR: MATCH LIMESTONE
- ⑨ ALUMINUM RAILING
COLOR: MATCH SW7515

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NORTH FACADE - BLDG.B

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'



WEST FACADE - BLDG.B

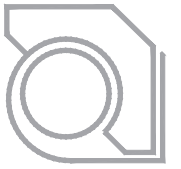
3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'

MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
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 CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
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COLOR: MATCH SW7515
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COLOR: MATCH LIMESTONE
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COLOR: MATCH SW7515

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EAST FACADE - BLDG.C

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'



SOUTH FACADE - BLDG.C

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'

MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
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 CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SW7515
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COLOR: MATCH SW7515

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WEST FACADE - BLDG.C

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'



NORTH FACADE - BLDG.C

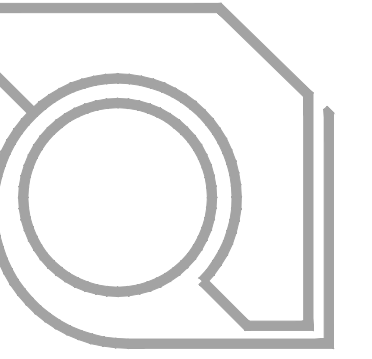
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MATERIALS AND COLORS

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- ② METAL SIDING PANELS
COLOR: MATCH SWT515
- ③ LP SMART SIDE PANELS
COLOR: SW6369, TASSEL
- ④ LP SMART SIDE LAP SIDING
COLOR: SW6369, TASSEL
- ⑤ JH FIBERCEMENT SMOOTH PANELS
COLOR: SWT515, HOMESTEAD BROWN
- ⑥ CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SWT515
- ⑧ JH FIBERCEMENT SMOOTH PANELS
COLOR: MATCH LIMESTONE
- ⑨ ALUMINUM RAILING
COLOR: MATCH SWT515

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SOUTH FACADE - BLDG.A

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WEST FACADE - BLDG.A

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'

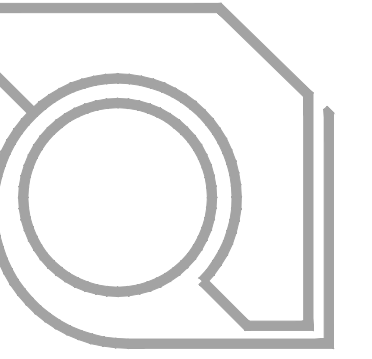
MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
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- 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 CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SW7515
- ⑧ JH FIBERCEMENT SMOOTH PANELS
COLOR: MATCH LIMESTONE
- ⑨ ALUMINUM RAILING
COLOR: MATCH SW7515

PROJECT:
THE EDISON
9510 WATTS RD & 604 FEATHER SOUND DR, MADISON, WI
CLIENT:
THE EDISON, LLC
826 NORTH STAR DRIVE, MADISON, WI 53718

PROJECT: 2018-03
CAD FILE:
DRAWN BY: U.K.
DATE: 06/26/19

BW
A-6A.1



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NORTH FACADE - BLDG.A

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



EAST FACADE - BLDG.A

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

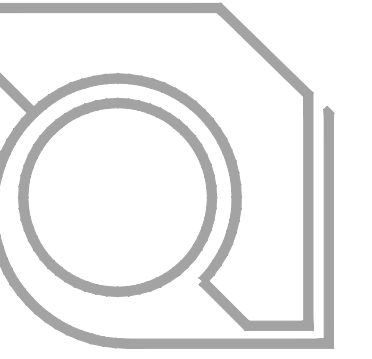
MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
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 CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SW7515
- ⑧ JH FIBERCEMENT SMOOTH PANELS
COLOR: MATCH LIMESTONE
- ⑨ ALUMINUM RAILING
COLOR: MATCH SW7515

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SOUTH FACADE - BLDG.B

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



EAST FACADE - BLDG.B

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

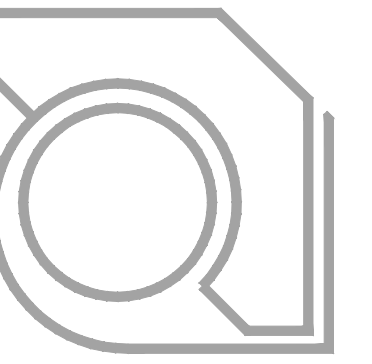
MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
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 CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SW7515
- ⑧ JH FIBERCEMENT SMOOTH PANELS
COLOR: MATCH LIMESTONE
- ⑨ ALUMINUM RAILING
COLOR: MATCH SW7515

PROJECT:
THE EDISON
9510 WATT'S RD & 604 FEATHER SOUND DR, MADISON, WI
CLIENT:
THE EDISON, LLC
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NORTH FACADE - BLDG.B

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



WEST FACADE - BLDG.B

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

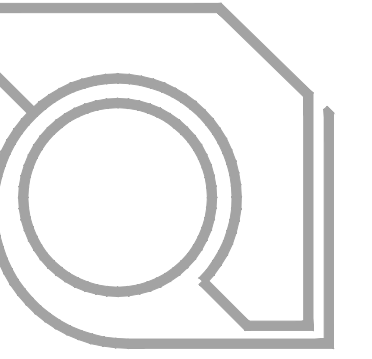
MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
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 CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SW7515
- ⑧ JH FIBERCEMENT SMOOTH PANELS
COLOR: MATCH LIMESTONE
- ⑨ ALUMINUM RAILING
COLOR: MATCH SW7515

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EAST FACADE - BLDG.C

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'



SOUTH FACADE - BLDG.C

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'

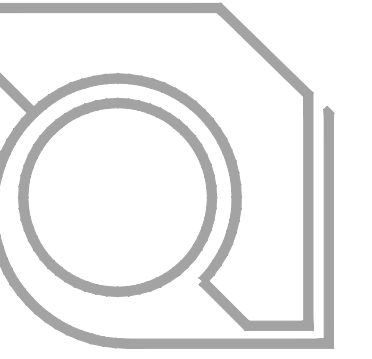
MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
COLOR: MATCH SWT515
- ② METAL SIDING PANELS
COLOR: MATCH SWT515
- ③ LP SMART SIDE PANELS
COLOR: SW6369, TASSEL
- ④ LP SMART SIDE LAP SIDING
COLOR: SW6369, TASSEL
- ⑤ JH FIBERCEMENT SMOOTH PANELS
COLOR: SWT515, HOMESTEAD BROWN
- ⑥ CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SWT515
- ⑧ JH FIBERCEMENT SMOOTH PANELS
COLOR: MATCH LIMESTONE
- ⑨ ALUMINUM RAILING
COLOR: MATCH SWT515

PROJECT:
THE EDISON
9510 WATTS RD & 604 FEATHER SOUND DR, MADISON, WI
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PROJECT: 2018-03
CAD FILE:
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WEST FACADE - BLDG.C

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'



MATERIALS AND COLORS

- ① STANDING SEAM METAL ROOF
COLOR: MATCH SWT515
- ② METAL SIDING PANELS
COLOR: MATCH SWT515
- ③ LP SMART SIDE PANELS
COLOR: SW6369, TASSEL
- ④ LP SMART SIDE LAP SIDING
COLOR: SW6369, TASSEL
- ⑤ JH FIBERCEMENT SMOOTH PANELS
COLOR: SWT515, HOMESTEAD BROWN
- ⑥ CULTURED LIME STONE VENEER
COLOR: LIGHT BEIGE
- ⑦ VINYL WINDOWS
COLOR: MATCH SWT515
- ⑧ JH FIBERCEMENT SMOOTH PANELS
COLOR: MATCH LIMESTONE
- ⑨ ALUMINUM RAILING
COLOR: MATCH SWT515

NORTH FACADE - BLDG.C

3/32" = 1'-0" (24x36) 0 10' 20' 30' 40'

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A-C6.2

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 – .50ft²
16L – .62ft²
24L – .74ft²

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.hubbellighting.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)

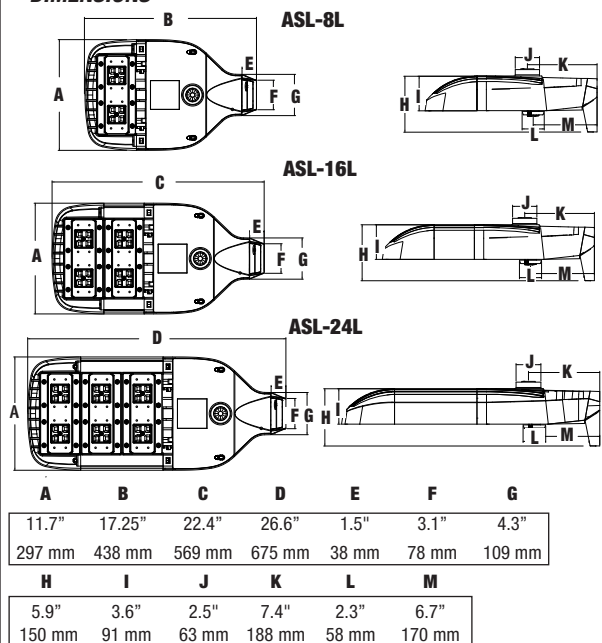
ASL-24L



ASL-16L

ASL-8L

DIMENSIONS



CERTIFICATIONS/LISTINGS



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)

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

ASL	-	-	-	-	-	-	-	-	-	
FAMILY	MOUNTING	CCT	DISTRIBUTION	COLOR	OPTIONS					
ASL ¹ 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 ⁴ Custom Color	F Fusing (voltage specified and determined by voltage field) 7PR ² 7-pin ANSI twist-lock photocell receptacle RPA(X) Round pole adapter (Replace X with 3, 4, 5 or 6 indicating pole diameter) SWP ⁶ SiteSync pre-commissioned SWPM ⁶ SiteSync Wireless Pre-Commission w/ Motion Detection	SCP_F ^{5,7} 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				
# LEADS	DRIVE CURRENT	VOLTAGE								
8L 8 High brightness LEDs 16L 16 High brightness LEDs 24L 24 High brightness LEDs	070 ³ 700mA 140 ^{5,8} 1400mA 210 2100mA	U Universal 120-277V 1 120V 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 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. 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



ACCESSORIES - Order Separately

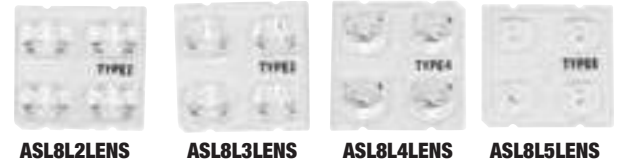
Catalog Number	Description
ASL-MAF	Mast arm kit with wildlife shield for mounting on 2 3/8" OD arms
SETA2-XX ¹	Square pole tenon adapter (4 at 90 degrees) (2 3/8" OD tenon)
RETA2-XX ¹	Round pole tenon adapter (4 at 90 degrees) (2 3/8" OD tenon), requires CL1S-RPA4-ACC-XX for each luminaire
TETA2-XX ¹	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 ¹	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 ¹	Round Pole Adapter (* denotes pole diameter; 3 = 3 1/4" - 3 3/4"; 4 = 3 7/8" - 6")
WB-AREA-XX ¹	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

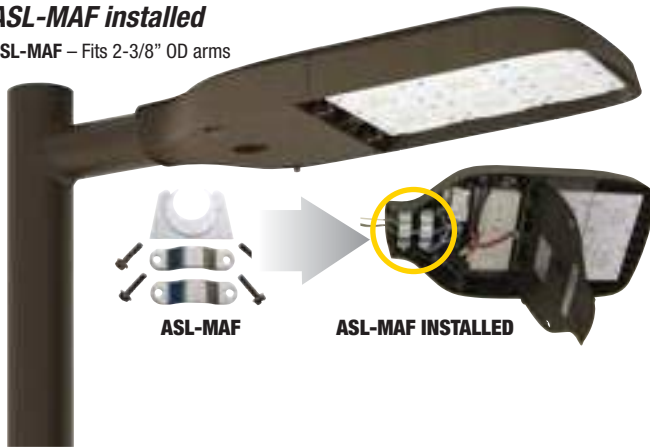
Product	Number of Kits	Number of Lenses
ASL8L	1	2
ASL16L	2	4
ASL24L	3	6



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-MAF

ASL-MAF INSTALLED

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 ¹	B	U	G	LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	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	2	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

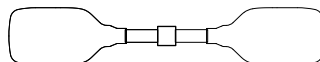
Ambient Temp.	OPERATING HOURS					L70 (hours)
	0	25,000	TM-21-11 ¹ L90 36,000	50,000	100,000	
25°C / 77°F	1.00	0.93	0.90	0.86	0.75	>125,000
40°C / 104°F	0.99	0.90	0.86	0.81	0.67	>88,000

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

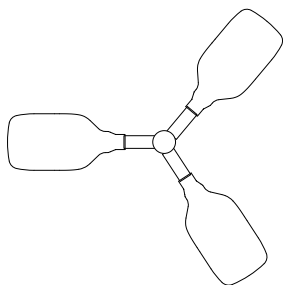
EPA



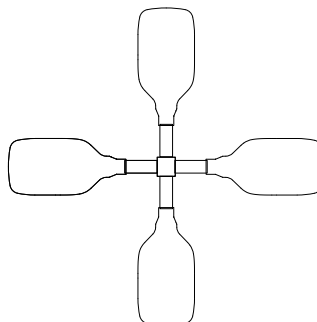
Config.	Luminaire	EPA
1 @ 90°	ASL8L	.50
	ASL16L	.62
	ASL24L	.74



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

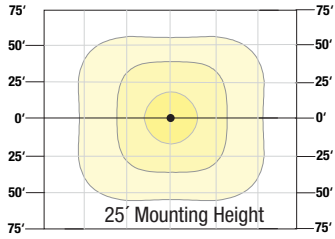


Config.	Luminaire	EPA
3 @ 120°	ASL8L	.88
	ASL16L	.99
	ASL24L	1.11

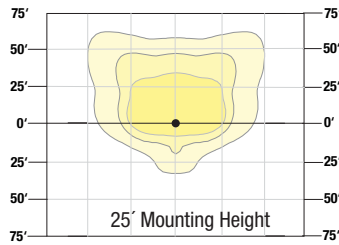


Config.	Luminaire	EPA
4 @ 90°	ASL8L	1.42
	ASL16L	1.66
	ASL24L	1.90

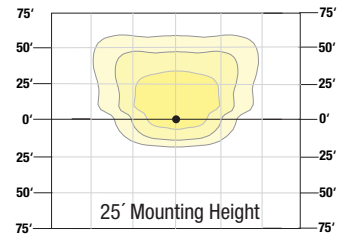
ASL-24L-5K Type V



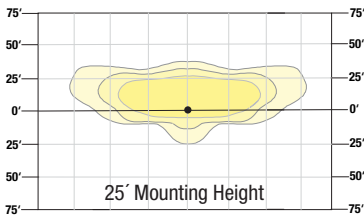
ASL-24L-5K Type IV



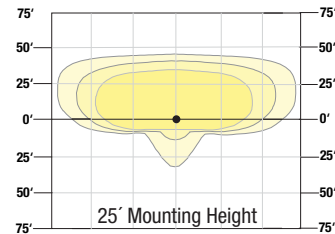
ASL-24L-5K Type IV HS



ASL-24L-5K Type II

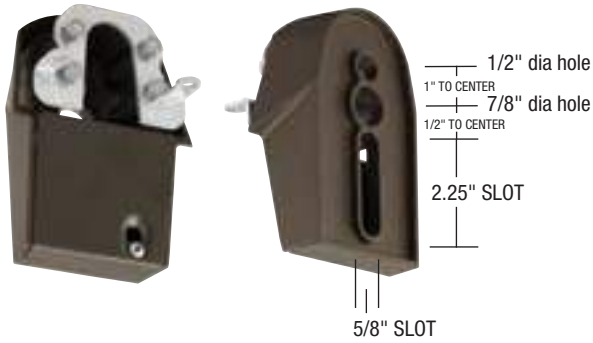


ASL-24L-5K Type III



ARM/MOUNTING BLOCK

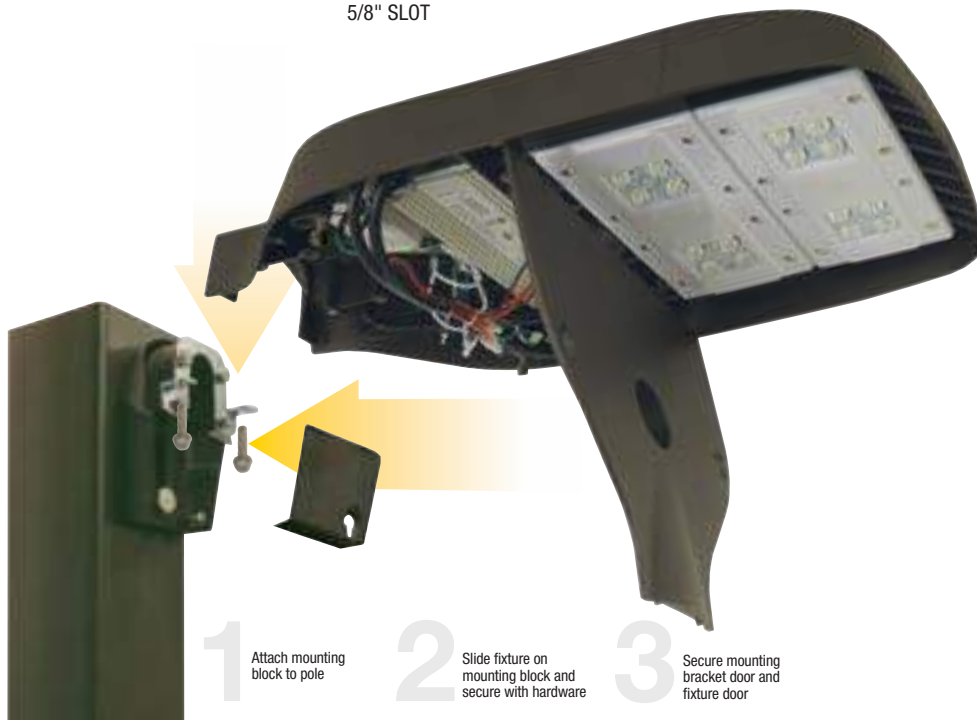
Fixture ships with universal mounting block for ease of installation. Compatible with #2 drill pattern.



SWP & SWPM - SiteSync™



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

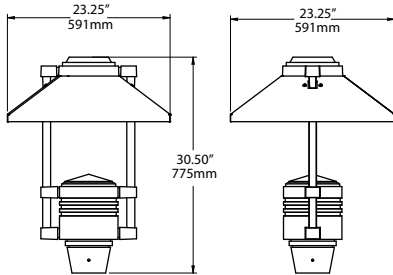


FEATURES

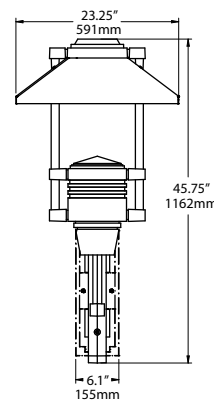
- Reliable, uniform, glare free illumination
- Types II, III, IV, V distributions
- 3000K, 4000K, 5000K CCT
- 0-10V dimming ready
- Integral surge suppression
- Integral thermal protection
- 13 standard powder coat finishes



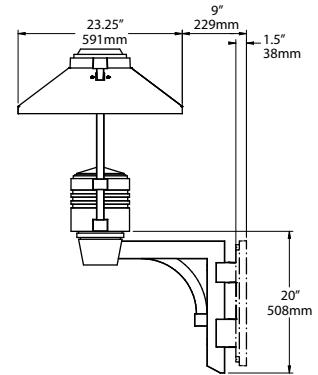
SPECIFICATIONS



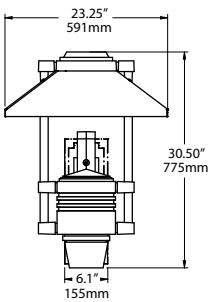
POST TOP
WT: 57 lbs. EPA: 2.35



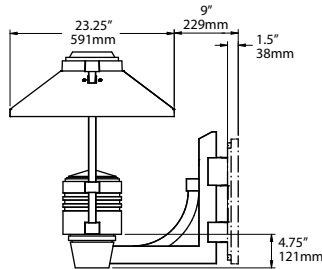
PSA-TU
(Top of Arm Mounted Luminaire
Upward Swept Arm Design)
WT: 65 lbs. EPA: 2.83



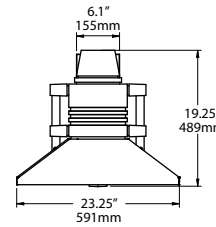
PSWM-TU
(Top of Wall Mounted Luminaire
Upward Swept Arm Design)
WT: 69 lbs. EPA: 3.05



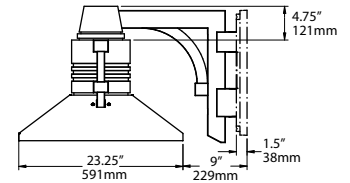
PSA-TD
(Top of Arm Mounted Luminaire
Downward Swept Arm Design)
WT: 65 lbs. EPA: 2.83



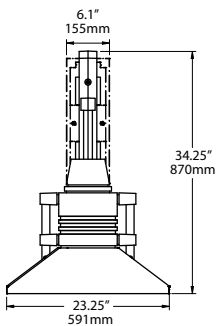
PSWM-TD
(Top of Wall Mounted Luminaire
Downward Swept Arm Design)
WT: 69 lbs. EPA: 3.05



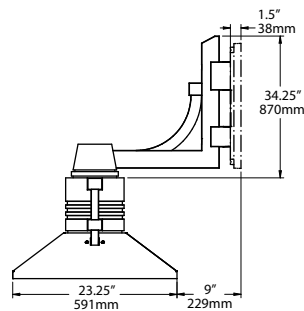
PSA-BU
(Below Arm Mounted Luminaire
Upward Swept Arm Design)
WT: 65 lbs. EPA: 2.54



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



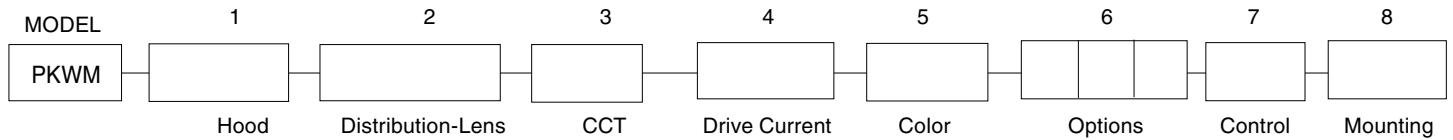
3000K and warmer CCTs only



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JOB _____
TYPE _____
NOTES _____

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/

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 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										
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				
		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				
	Diffused Lens	TYPE 4	Y4HC	3,097	62	1	0	1	4,044	81	1	0	1	4,404	88	1	0	1	500	50		
		TYPE 5	Y5HC	3,057	61	2	0	1	3,992	80	2	0	1	4,346	87	2	0	1				
		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	700	71	
			TYPE 4	Y4HD	3,181	45	1	0	1	4,148	58	1	0	1	4,504	63	2	0	1			
			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	500	50
				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

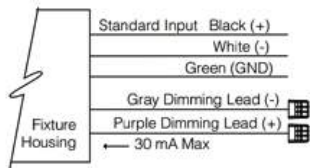
Optical System	Ordering Code	Electrical Characteristics								Inrush Current				Dimming	
		LED Drive mA	System Watts	Amps AC		Min. Power Factor	Max THD (%)	Operating Temp. Range	120V		277V		Dimming Range	Source Current out of 0-10V Purple Wire	
				120	277				Ipeak (A)	T(@50% of Ipeak)	Ipeak (A)	T(@50% 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	



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JOB _____
 TYPE _____
 NOTES _____

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/>



DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

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)



*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 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
- 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
SG1-10 Size 1, 10W	3K7 3000K, 70 CRI	FT Fwd Throw	UNV 120V-277V	DB Textured Dark Bronze	PCU Button Photocontrol (120-277V)	CS Comfort Lens
SG1-20 Size 1, 20W	4K7 4000K, 70 CRI		120 120V	BL Textured Black	SCP ^{1,2,3} Hi-Lume 1% 3-wire / EcoSystem LED Driver	E ^{1,2} Batter 0°C
SG1-30 Size 1, 30W	5K7 5000K, 70 CRI		277 277V	WH Textured White	SWP ^{1,2} Hi-Lume 1% 2-wire LED Driver (120V only)	EH ^{1,2} Battery w/ heater -20°C
SG1-40 Size 1, 40W			UHV 347V-480V	GYS Smooth Gray	SWPM ^{1,2} Osram dimming to 1% 0-10V	
SG2-50 Size 2, 50W				PS Smooth Plat. Silver	Specify MTG HT for SCO/SCP & SWPM	
SG2-80 Size 2, 80W				CC Custom Color	8F Up to 8'	
					20F 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, 120-277V 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)
SG1-10-PCU	5000K/70	11W	8-12ft	120-277V	Dark Bronze	1349	122	4.3 (2.0)
SG1-10-4K-PCU	4000K/70	11W	8-12ft	120-277V	Dark Bronze	1424	129	4.3 (2.0)
SG1-20-PCU	5000K/70	21W	8-12ft	120-277V	Dark Bronze	2263	108	4.3 (2.0)
SG1-20-4K-PCU	4000K/70	21W	8-12ft	120-277V	Dark Bronze	2310	110	4.3 (2.0)
SG1-30-PCU	5000K/70	29W	10-15ft	120-277V	Dark Bronze	3270	113	4.3 (2.0)
SG1-30-4K-PCU	4000K/70	29W	10-15ft	120-277V	Dark Bronze	3060	105	4.3 (2.0)
SG1-40-PCU	5000K/70	38W	10-15ft	120-277V	Dark Bronze	4008	105	4.3 (2.0)
SG1-40-4K-PCU	4000K/70	38W	10-15ft	120-277V	Dark Bronze	4070	106	4.3 (2.0)
SG2-50-PCU	5000K/70	51W	12-18ft	120-277V	Dark Bronze	5548	110	11 (5.0)
SG2-50-4K-PCU	4000K/70	51W	12-18ft	120-277V	Dark Bronze	5526	109	11 (5.0)
SG2-80-PCU	5000K/70	80W	15-25ft	120-277V	Dark Bronze	8061	101	11 (5.0)
SG2-80-4K-PCU	4000K/70	80W	15-25ft	120-277V	Dark Bronze	8079	101	11 (5.0)

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	
SWUSB ¹	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 ¹	Windows tablet and SiteSync™ interface software. Includes tablet with preloaded software, SiteSync™ license and USB radio bridge node.
SWBRG ²	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

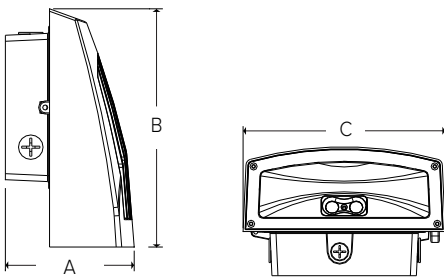
LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

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).

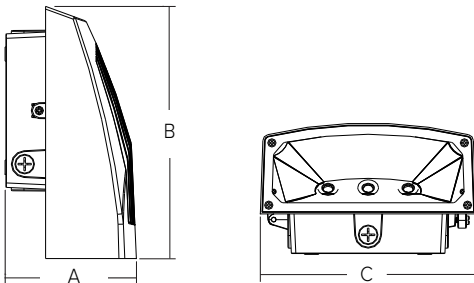
DIMENSIONS

SG1



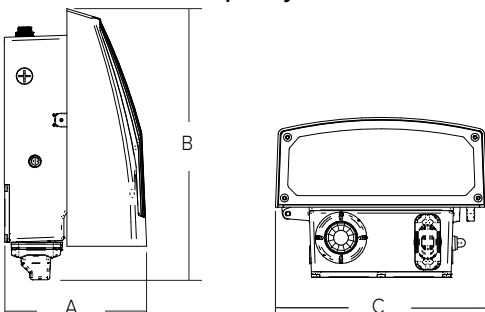
A	B	C	Weight
4.19" (107mm)	7.80" (198mm)	6.61" (168mm)	4.4lbs (2kg)

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

PHOTOMETRY

SG1-10-4K7

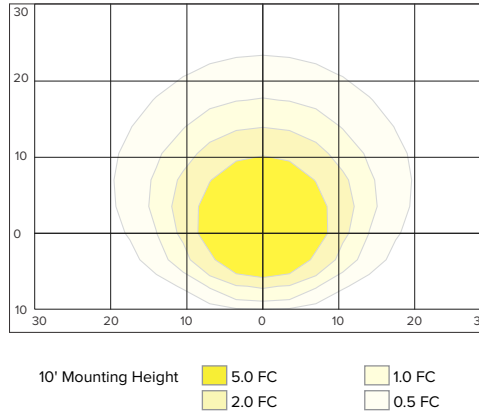
LUMINAIRE DATA

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

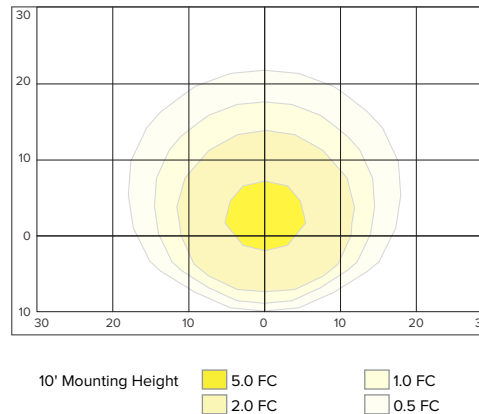
LUMINAIRE DATA

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	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	2310.3	100.0

ISOMETRIC FOOTCANDLE



SG1-30

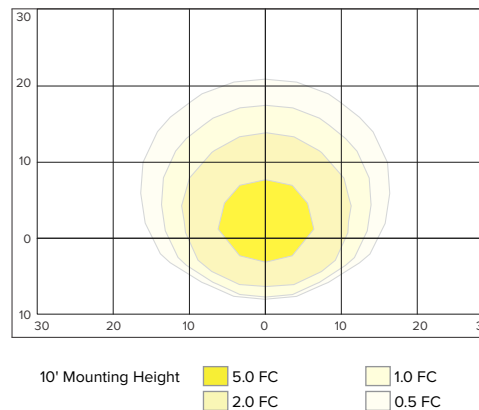
LUMINAIRE DATA

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

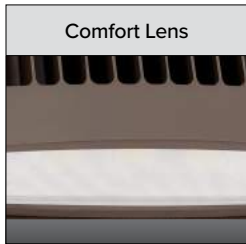
SLENDER WALLPACK

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

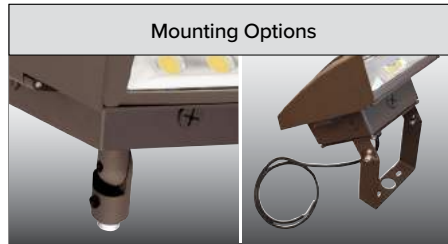
Accessories and Services



Acrylic comfort lens provides glare control, improved visual comfort and better uniformity



Visor accessory included with mounting accessory kits



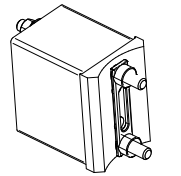
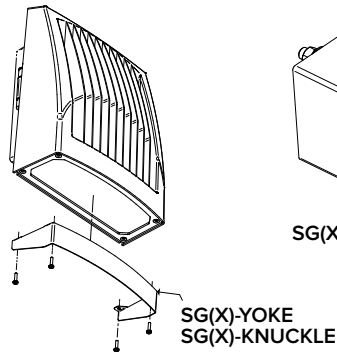
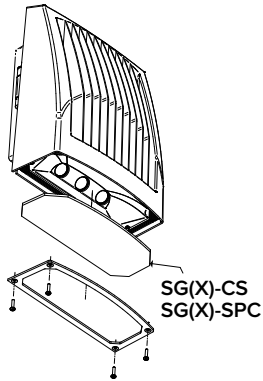
Flood mounting accessories - 1/2" threaded knuckle or yoke (includes grommet and 3' SO cord)



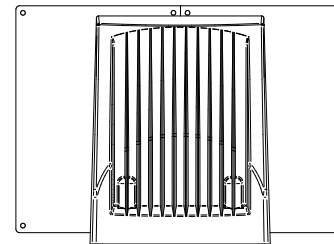
Photocontrol option available for energy-saving dusk-to-dawn operation



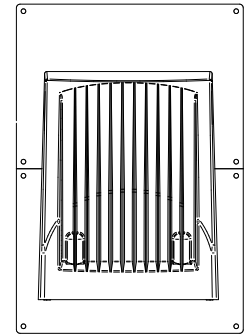
Side hinged for easy installation and wiring access, single screw secures housing closure



SG(X)-PMA-(X)-XX



SG(X)-WCP-H



SG(X)-WCP-V

Features



Battery back up feature with side indicator.

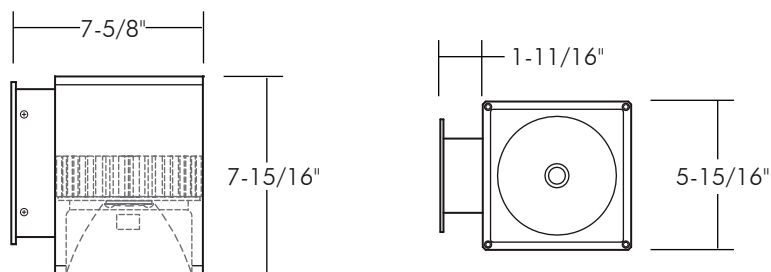
Exceeds Life Safety Code average illuminance of 1.0 fc. at 12' mounting height. Assumes open space with no obstructions. Battery backup units consume 6W when charging a dead battery and 2W during maintenance charging. EH (units with a heater) consume up to an additional 8W when charging if the battery 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 :Integra Junction Box 1-Outlet
-JB2 :Integral Junction Box 2-Outlet

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

WD1Q360 - PHOTOMETRY

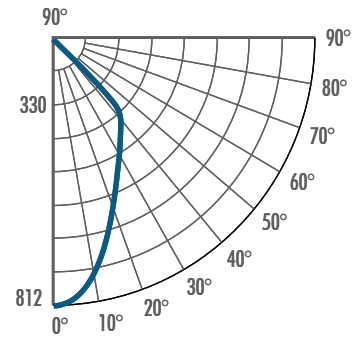
6" Square 1-Direction Wall Mount

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

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

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

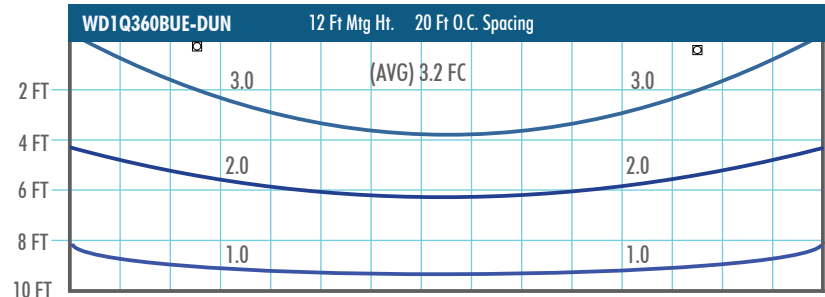
CANDELA TABULATION



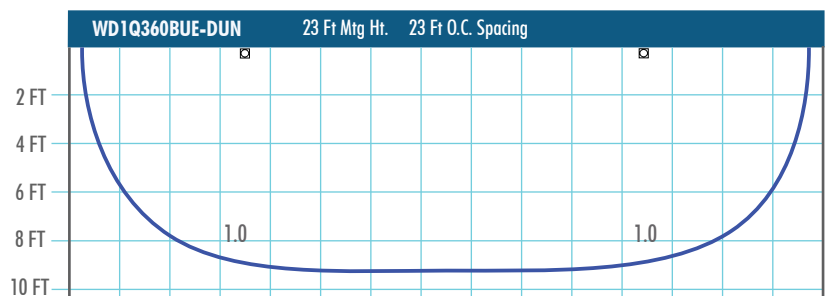
FOOTCANDLE DISTRIBUTION

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

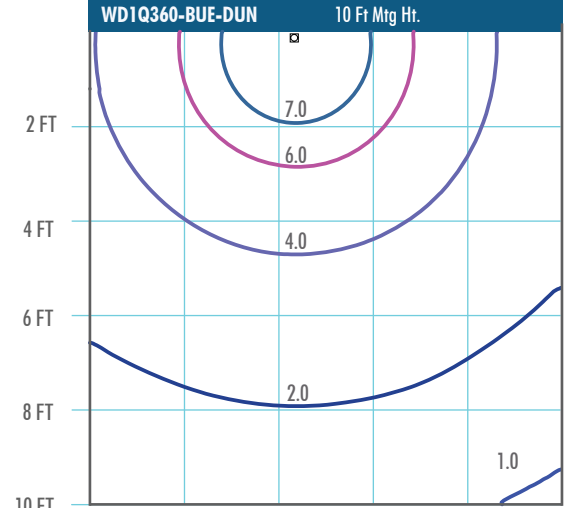


1 Grid = 2 FT
30 FT x 10 FT Surface Area to achieve (Avg) 2.3 FC
49% Reflectance Value on Wall
10% Reflectance Value on Surface



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