

URBAN DESIGN COMMISSION APPLICATION

UDC

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



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

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

FOR OFFICE USE ONLY:

Paid _____ Receipt # _____

Date received 6-12-19

Received by _____

Aldermanic District 6

Zoning District _____

Urban Design District 8

Submittal reviewed by _____

Legistar # 56352

1. Project Information

Address: 828 E. MAIN ST. MADISON, WI 53703

Title: WEDDING / EVENT VENUE

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

UDC meeting date requested 7/31/19

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 MATTHEW TILS Company MOTIS
Street address 841 W. LAKESIDE ST STE A City/State/Zip MADISON, WI 53715
Telephone 608-235-6240 Email matth@motisearch.com

Project contact person ERIC WELCH Company _____
Street address 1341 SPAIGHT ST. #1 City/State/Zip MADISON, WI 53703
Telephone 608-770-4020 Email eric@ericwelchpainting.com

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

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*

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 JANINE GLASER, CHRIS WELLS on 6/4/19 + 3/12/19 and MATT TUCKER
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 MATTHEW TILCS

Relationship to property ARCHITECT

Authorizing signature of property owner Matthew Tilcs

Date 6/12/19

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



828 E Main Street Wedding Event Venue

UDC Submittal

Project Description/letter of intent

06/12/2019

Proposed renovation of the existing Trachte buildings at 828 E. Main Street for use as a new, private event venue focused on weddings and similar events. Once home to KleenAire HVAC wholesalers and vacant for the last 8 years, the plan is to transform the iconic building into a one-of-a-kind downtown private event venue filled with authentic industrial character.

The buildings will undergo a complete interior renovation but will keep as much of the existing metal façade as possible. A four season solarium will be added to the lot, in addition to an exterior courtyard area. The outdoor space will be enclosed by a variety of partial height brick and metal screen walls, plantings, and trees. The outdoor space will serve as the entry point of the venue with gates that can be secured after-hours. No parking will be provided on site. Automobile parking reduction is being requested due to the proximity of the new S. Livingston Parking Garage located less than 300 ft from the site. Owner will also seek a bike parking reduction (net reduction of 13 stalls) with City Planning due to the nature of the typical events (dress clothing for weddings).

Owner seeks to eliminate an existing curb cut adjacent to the nearest building, as access directly into the building from the street is no longer required. Additionally, the existing primary curb cut will be reduced in width. The additional curb area where the existing curb cuts are reduced/removed is requested to be designated as “loading only” to allow for loading/unloading access to the property.

Site zoning: TE- Traditional Employment within an Urban Design District

Site Area: 10,936 sf

Conditional Use: Lodge, Private Club Reception Hall

Occupancy Classification: A-2

Construction Type VB, SPRINKLED PER NFPA 13

Building Area:

| | |
|-----------------|---|
| Small building- | 1,927 sf- ground floor-existing |
| Large building- | 5,128 sf- ground floor-existing |
| | 1500 sf new mezzanine area |
| <u>Solarium</u> | <u>1,020 sf new enclosed space</u> |
| Total Indoor: | 9,575 sf Total Interior Space- Occ. Total 610 |
| Outdoor: | 560 sf Exterior Entry courtyard |

The smaller front building will be used to host wedding ceremonies and smaller events, the solarium will host cocktail hours and small gatherings, and the main building will host wedding dinner receptions and larger events. While the weekend focus will be weddings, the location on the growing E. Washington corridor is ideal to host corporate and non-profit events as well.

Hours of operation are TBD, but primary usage will be on weekend afternoons and evenings. Food will be provided via off-site catering. A class B liquor license will be applied for to sell alcohol on site at events. Project timeline is anticipated to start Fall 2019 and be open by Summer 2020.

-Matt Tills, AIA
Partner, Morrison Tills Studio (MoTiS)

Project Members:

Owner

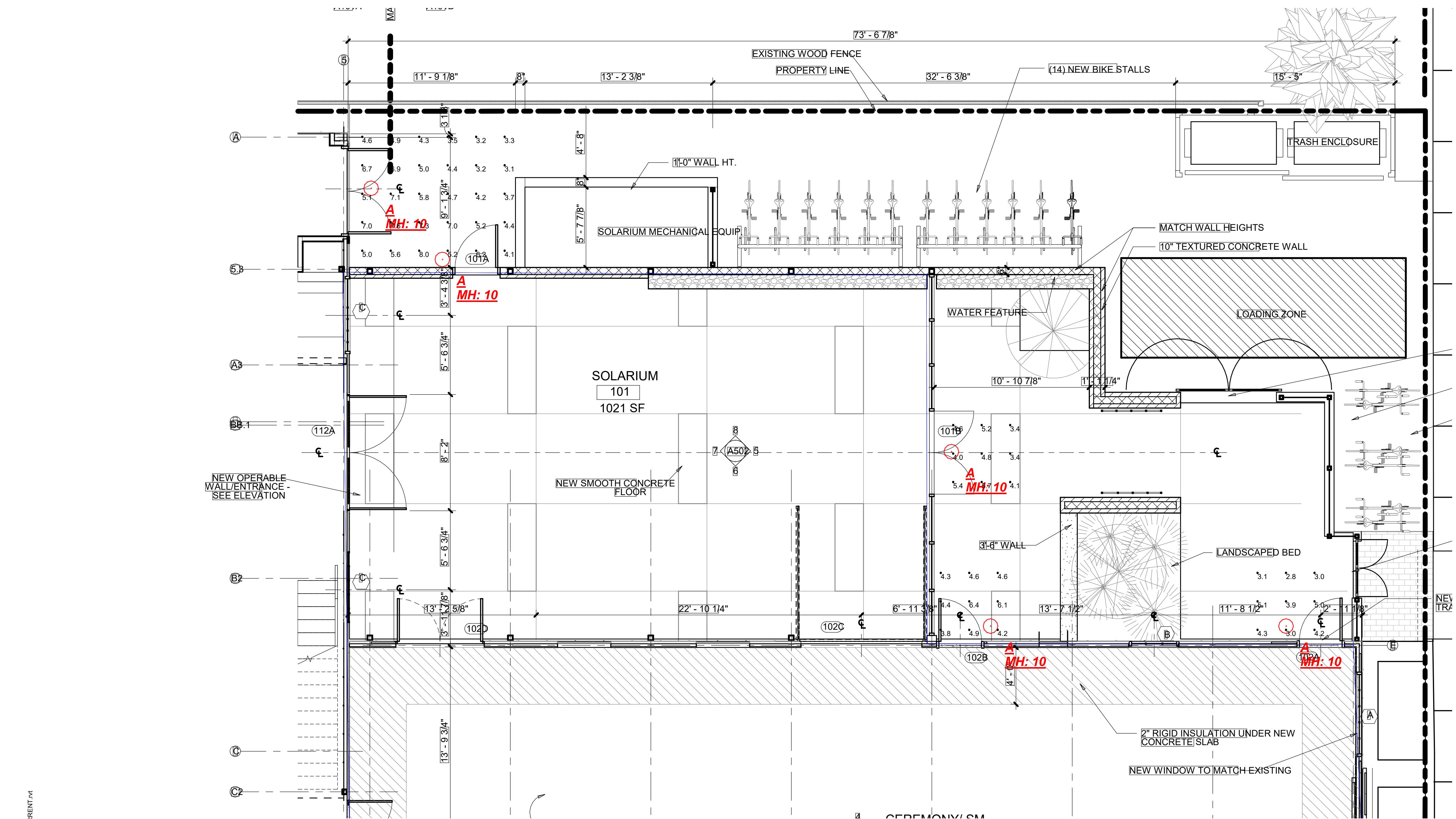
Eric Welch and Jessica
Wartenweiler
828 E. Main St.
Madison, WI 53703

Architect:

MoTiS, LLC
Matthew Tills
841 W. Lakeside St. Ste A
Madison, WI 53715
608-235-6240
matt@motisarch.com

Landscape Architect

Aaron Williams Landscape
Architecture
Madison, WI
608-469-1724
awilliams@aw-la.com



Calculation Summary

| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
|----------|-------------|-------|------|-----|-----|---------|---------|
| EGRESS 1 | Illuminance | Fc | 5.21 | 8.0 | 3.1 | 1.68 | 2.58 |
| EGRESS 2 | Illuminance | Fc | 4.51 | 5.7 | 3.4 | 1.33 | 1.68 |
| EGRESS 3 | Illuminance | Fc | 4.81 | 6.4 | 3.8 | 1.27 | 1.68 |
| EGRESS 4 | Illuminance | Fc | 3.82 | 5.1 | 2.8 | 1.36 | 1.82 |

Luminaire Schedule

| Symbol | Qty | Label | Description | Arrangement | Total Lamp Lumens | Lum. Lumens | Lum. Watts | LLF |
|--------|-----|-------|-------------|-------------|-------------------|-------------|------------|-------|
| ○ | 5 | A | 250-EG0-IG1 | SINGLE | 1800 | 1458 | 16.619 | 0.900 |

1. Standard Reflectance of 80/50/20 unless noted otherwise
2. Not a Construction Document, for Design purposes only
3. Standard indoor calc points @ 30" A.F.F. unless noted otherwise
4. Standard outdoor calc points @ Grade unless noted otherwise
5. Mlazgar Associates assumes no responsibility for installed light levels due to field conditions, etc.

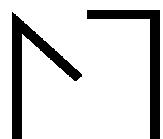
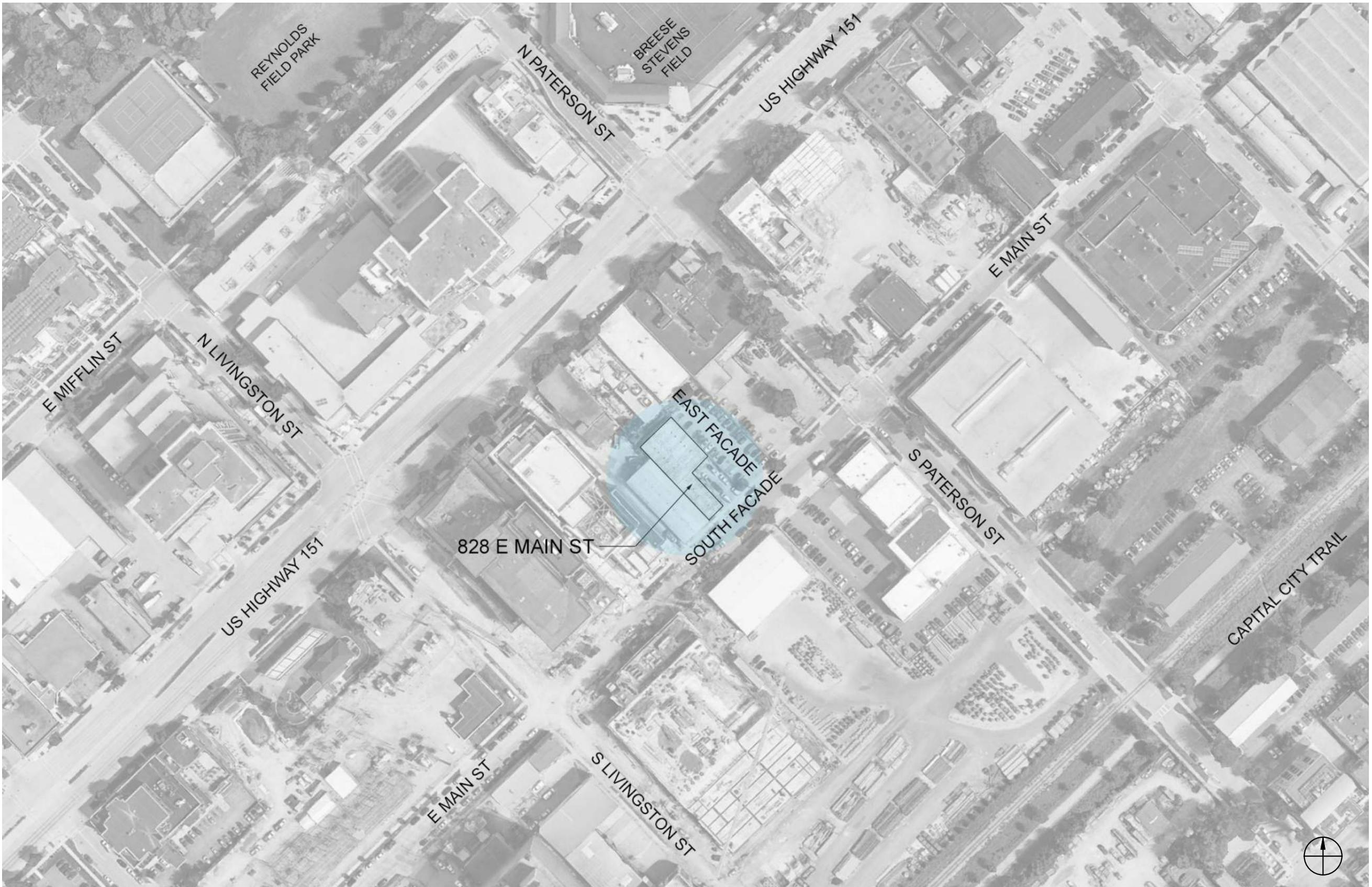
EXTERIOR PLAN

828 E MAIN ST
MADISON, WI

RLMA Project #82566
Drawn By MB
Date: 6/10/2019

Scale: 1/4"=1'-0"

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



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Morrison Tills
Studio

828 E Main St.
Site Map
6/11/2019



← E Main St

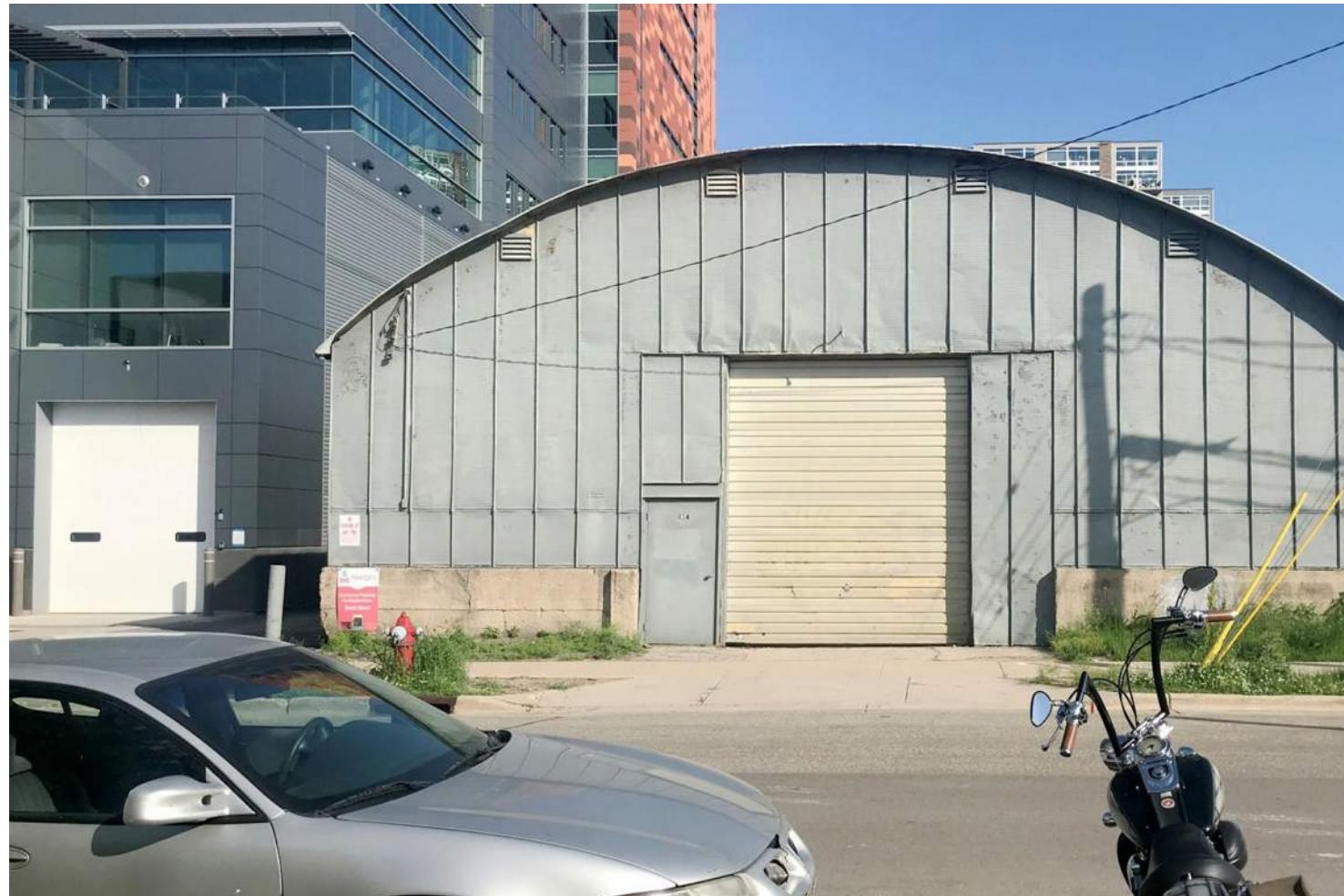


East Facade

The Rainbow Project →



Apartments and Offices West and North of Site



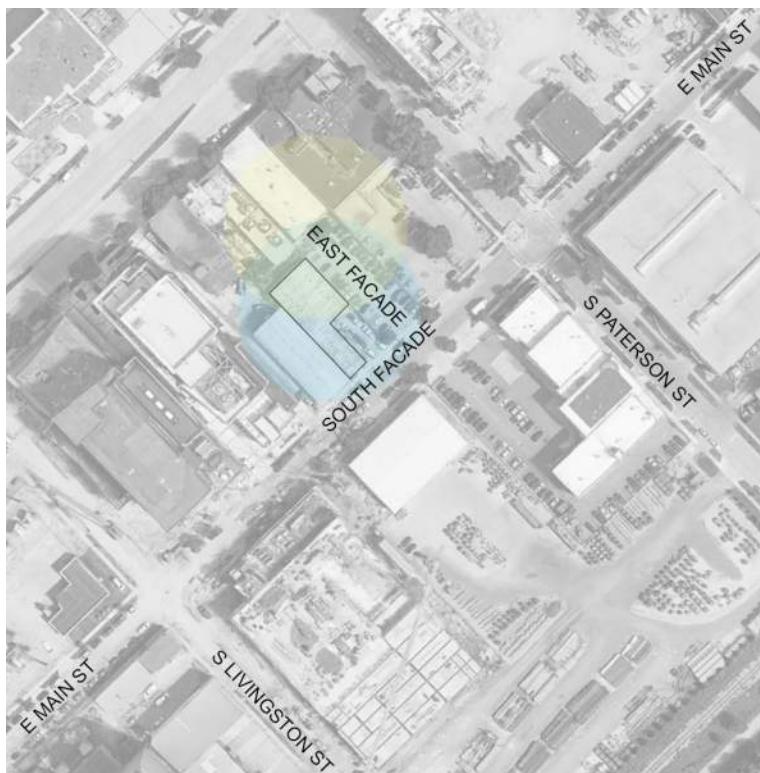
← Mixed Used Office Building



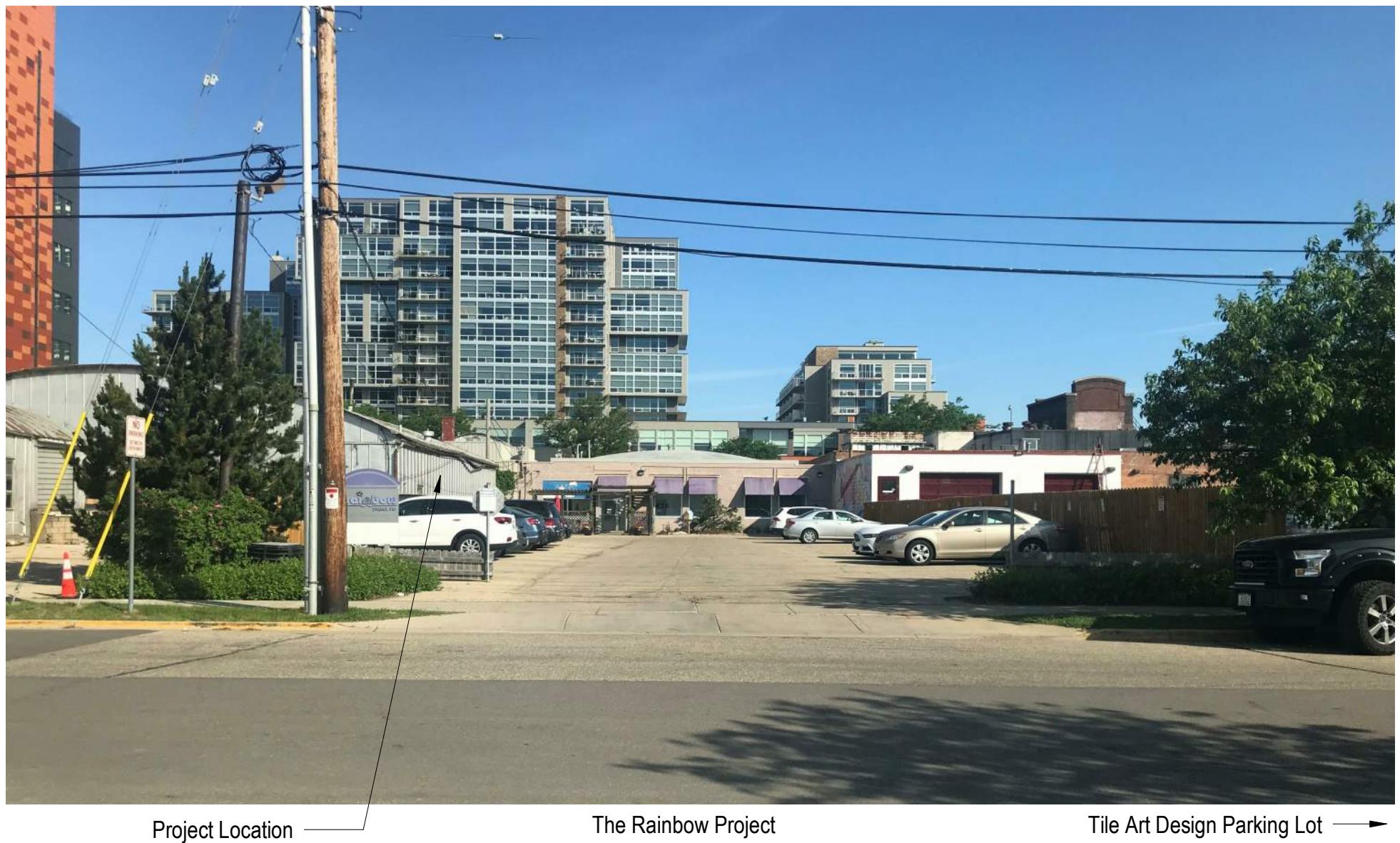
South Facade



The Rainbow Project →



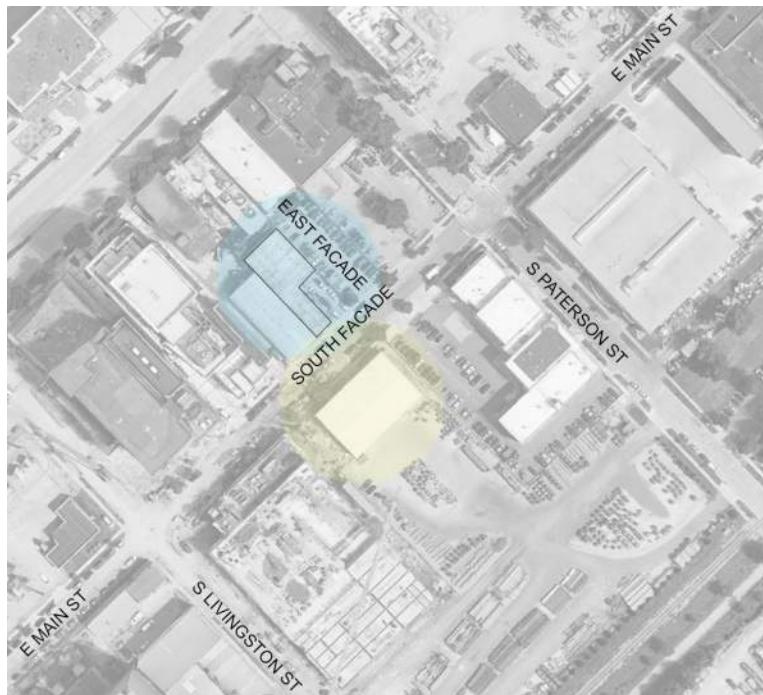
Site Map



Project Location

The Rainbow Project

Tile Art Design Parking Lot



Site Map



← Water Utility-Operations Center



Mechanical Shop and Storage



S Livingston St Parking Garage →

828 EAST MAIN ST- WEDDING EVENT VENUE

OWNER/DEVELOPER:
ERIC WELCH AND JESSICA WARTENWEILER
828 E. MAIN ST
MADISON, WI 53703

ARCHITECT:
MoTiS
MATTHEW TILLS, AIA
832 W. LAKESIDE ST
MADISON, WI 53715
(608) 235-6240

ADDRESS: 828/832 EAST MAIN STREET
MADISON, WI 53703

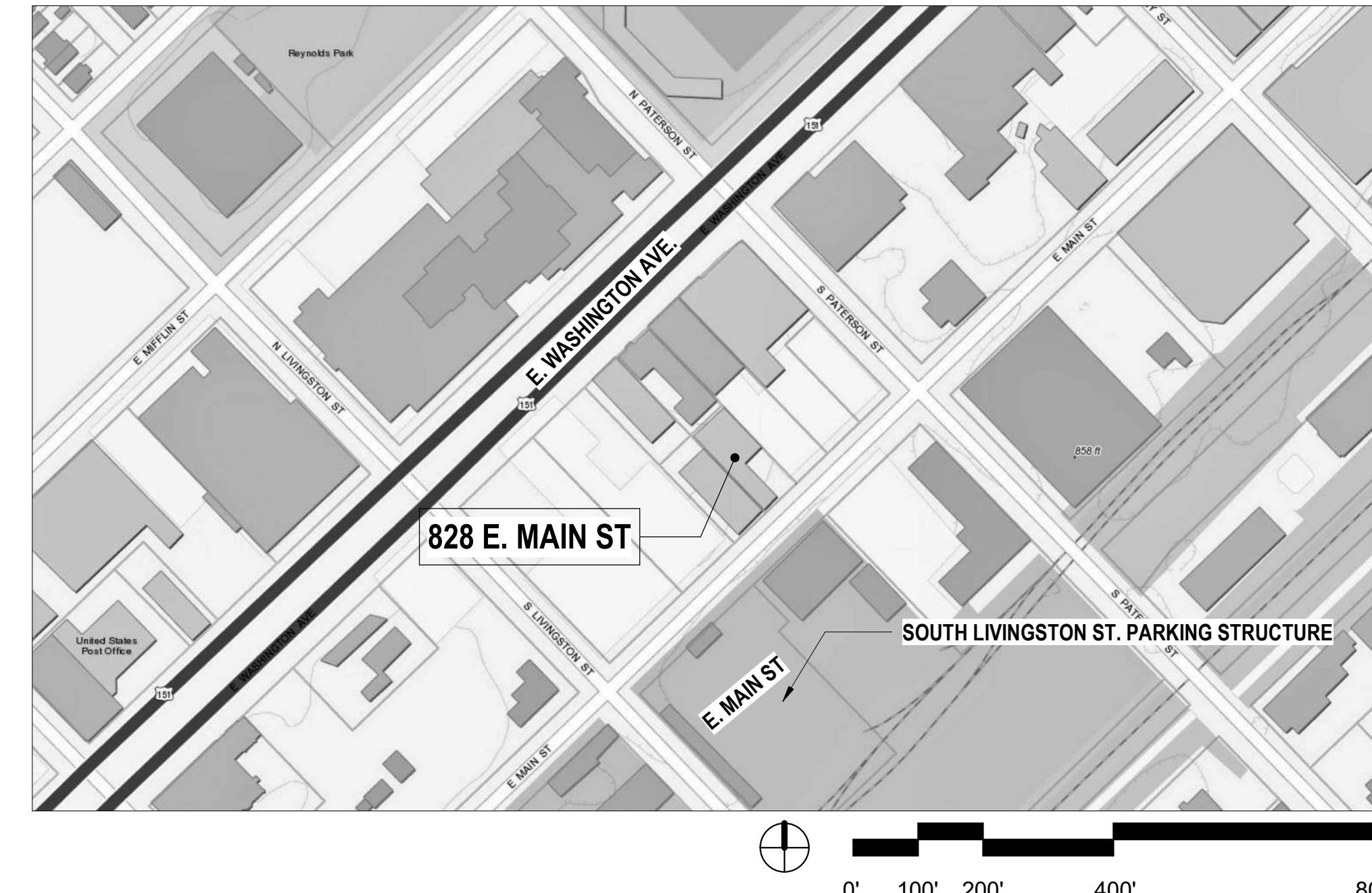
PARCEL #: 070913410117

APPLICABLE CODES:
ZONING/MUNICIPAL CODE:
EXISTING: CITY OF MADISON ZONING CODE ORDINANCE
BUILDING: 2015 INTERNATIONAL EXISTING BUILDING CODE WITH WISCONSIN AMENDMENTS
ACCESSIBILITY CODE: 2015 INTERNATIONAL BUILDING CODE WITH WISCONSIN AMENDMENTS
BUILDING DATA:
SITE AREA (SF): 10,936 / 0.25 ACRES
SITE ZONING CLASSIFICATION: TE - TRADITIONAL EMPLOYMENT DISTRICT, UDC DISTRICT 8, ALDER: MARSHA RUMMEL DISTRICT 6
NUMBER OF BUILDING STORIES (EXISTING BUILDING): 1 STORY
EXISTING BUILDING:
FIRST FLOOR: 7,239 SF
TYPE OF CONSTRUCTION (602): TYPE VB
SPRINKLER SYSTEM: NONE EXISTING
ALTERATION LEVEL (IEBC 405): SYSTEM TO BE ADDED FULLY PER NFPA 13
LEVEL 3
AREA OF WORK:
FIRST FLOOR: 7,239- EXISTING REMODEL
SOLARIUM ADDITION 1,050 SF NEW
OCCUPANCY TYPE (302): EXISTING: (S-1) STORAGE, (B) BUSINESS
NEW: (A-2) ASSEMBLY
USE OF PROPERTY: EXISTING: HVAC BUSINESS / WAREHOUSE
NEW: LODGE / PRIVATE CLUB RECEPTION HALL
CAPACITY (OCCUPANT LOAD):
(TABLE 1004.1.2) MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT:
MAIN HALL: 250 / PLAN = 250 OCCUPANTS
CATERING KITCHEN: 303 / 200 GROSS = 2 OCCUPANTS
STORAGE: 260 / 300 GROSS = 1 OCCUPANT
SMALL EVENT / CEREMONY: 210 / PLAN = 210 OCCUPANTS
SOLARIUM: 1,050 / 7 NET = 150 OCCUPANTS
TOTAL: 613 OCCUPANTS
EGRESS WIDTH (1005.1): MAIN HALL - 250 OCC. X .15"/OCC. = 37.5" ADA MIN. = 32" CLEAR PROVIDED = 72" ((2) 36" DOORS)
SMALL EVENT - 210 OCC. X .15"/OCC. = 31.5" ADA MIN. = 32" CLEAR PROVIDED = 72" ((2) 36" DOORS)
SOLARIUM - 150 OCC. X .15"/OCC. = 22.5" ADA MIN. = 32" CLEAR PROVIDED = 108" ((1) 36" DOOR, (1) 6' DOOR))
EXIT ACCESS:
NUMBER OF EXITS (1006): 2
(1006.2.1) COMMON PATH OF EGRESS TRAVEL: 75 FT
(1017.2) EXIT ACCESS TRAVEL DISTANCE: 250 FT
(TABLE 1006.3.1) MIN. NUMBER OF EXITS LESS THAN 500: 2
(TABLE 1006.3.2(2)) STORIES WITH ONE EXIT:
DEAD END MAX (1020.4): 20 FT
FIRE RESISTANCE RATINGS (TABLE 601):
STRUCTURAL FRAME: 0 HR
BEARING WALLS - EXTERIOR: 1 HR - < 3 FT FIRE SEPARATION DISTANCE (EXISTING WALLS- NO ADDITIONAL FIRE RATING REQUIRED)
DUE TO EQUAL OR LESSER HAZARD OF CHANGE OF OCCUPANCY CLASSIFICATION
BEARING WALLS - INTERIOR: 0 HR
NON-BEARING WALLS - EXTERIOR: 0 HR
NON-BEARING WALLS - INTERIOR: 0 HR
FLOOR CONSTRUCTION: 0 HR
ROOF CONSTRUCTION: 0 HR
RESISTINACE RATINGS (TABLE 602):
EXTERIOR WALLS BASE ON FIRE DISTANCE: < 5: 1 HR
CORRIDOR FIRE RESISTANCE RATING (TABLE 1020.1): 0 HR
INTERIOR FINISHES (TABLE 803.11)
GROUP (S OR NS) EXIT ENCL. & PASS. CORRIDORS ROOMS & ENCL.
A-2 B B C
AUTOMATIC SPRINKLER SYSTEM (903): EXISTING: NONE
NEW: SYSTEM TO BE ADDED FULLY PER NFPA 13
PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)
NUMBER OF MALE AND FEMALE: 610 PERSONS
FEMALE: REQUIRED - 5 TOILETS / 2 LAV. PROVIDED: 5 TOILETS / 2 LAV.
MALE: REQUIRED - 5 TOILETS / 2 LAV. PROVIDED: 2 TOILETS / 4 URINALS / 2 LAV.
DRINKING FOUNTAINS: REQUIRED: 1 PROVIDED: 1
SERVICE SINK: REQUIRED: 1 PROVIDED: 1
FIRE EXTINGUISHERS (TABLE 906.3(1)):
TYPE: 2A 10LB
DISTANCE TO EXTINGUISHER: 75 FT
FLOOR AREA/EXTINGUISHER: 11,250 SF
MIN. RATING: 2A
PARKING STALLS (REQ., PROVIDED):
REQUIRED: REQ. 91
BIKE: 31 REQ. PROVIDED: 0- PARKING REDUCTION APPLICATION SUBMITTED
PROVIDED: 18- BIKE PARKING REDUCTION APPLICATION SUBMITTED

PROJECT/CODE INFO- PRELIMINARY



CONCEPT RENDERING



PROJECT LOCATION

| Sheet Number | Sheet Name |
|--------------|----------------------------------|
| A-1 | COVER-INFO |
| A-2 | EXISTING PHOTOS |
| A-3 | SITE PLAN- EXISTING AND PROPOSED |
| A-5 | FLOOR PLANS ROOF PLAN |
| A-6 | EXTERIOR ELEVATIONS |
| A-6.5 | SOLARIUM ELEVATIONS |
| A-7 | ELEVATIONS- COLOR |
| A-8 | CONCEPT RENDERINGS |

L200 LANDSCAPE- SITE PLAN/GRADING PLAN
L300 LANDSCAPE PLAN
L301 LANDSCAPE PLAN IMAGES

DRAWING INDEX

NOT FOR CONSTRUCTION- FOR REFERENCE ONLY

FULL SIZE SHEET : 22"X34"

828 E. MAIN ST., MADISON, WI

828 E. MAIN STREET

841 W. Lakeside Street Suite A Madison, WI 53715
608.709.1430
info@motisarch.com

MoTiS
Morrison Tills
Studio

841 W. Lakeside Street Suite A Madison, WI 53715
608.709.1430
info@motisarch.com

PROJECT NO: 1901

DATE: 06/12/19

SHEET TITLE

COVER-INFO

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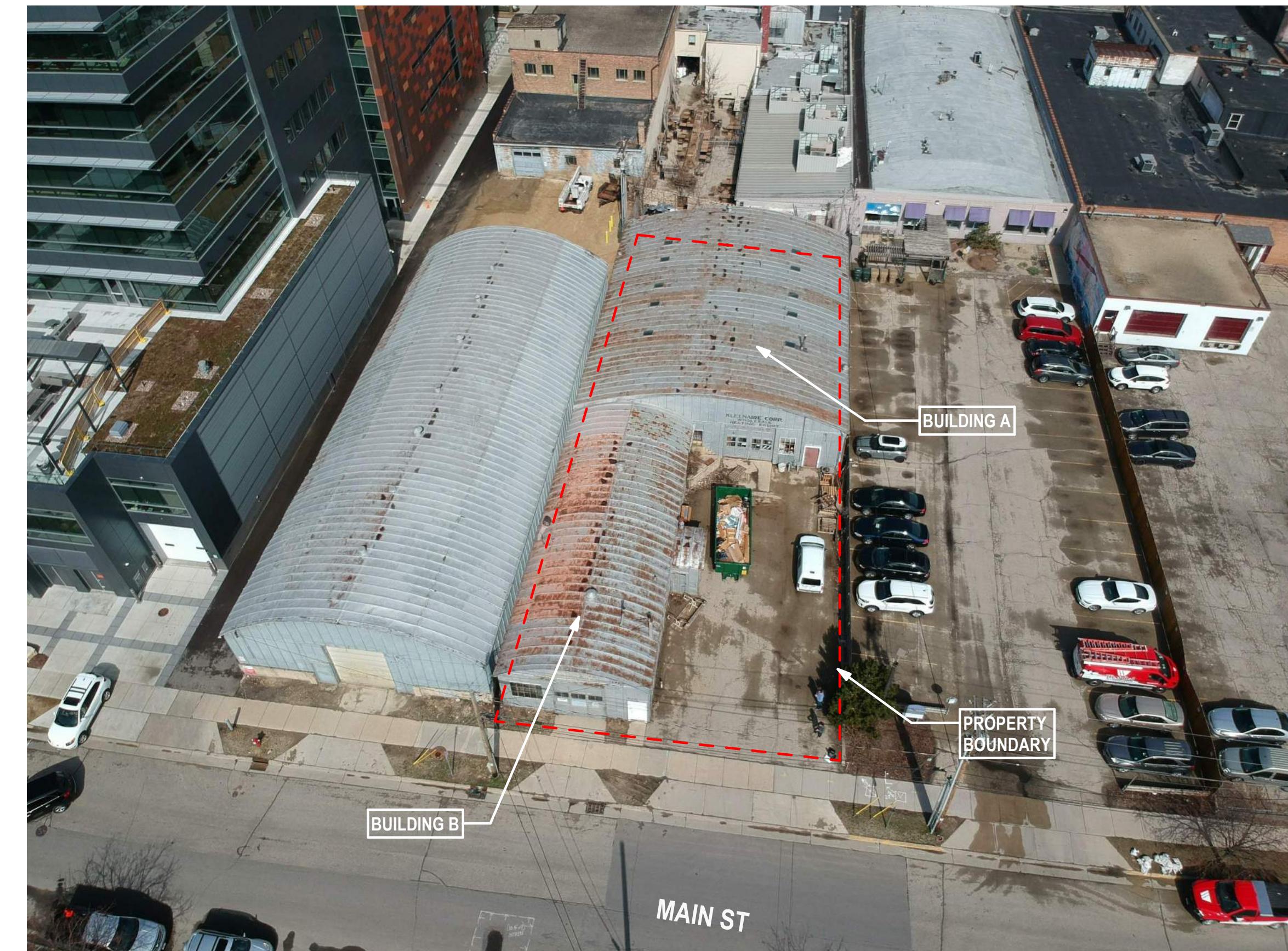
A-1



EXISTING NORTH ELEVATION



EXISTING REAR/WEST ELEVATION



EXISTING AERIAL VIEW



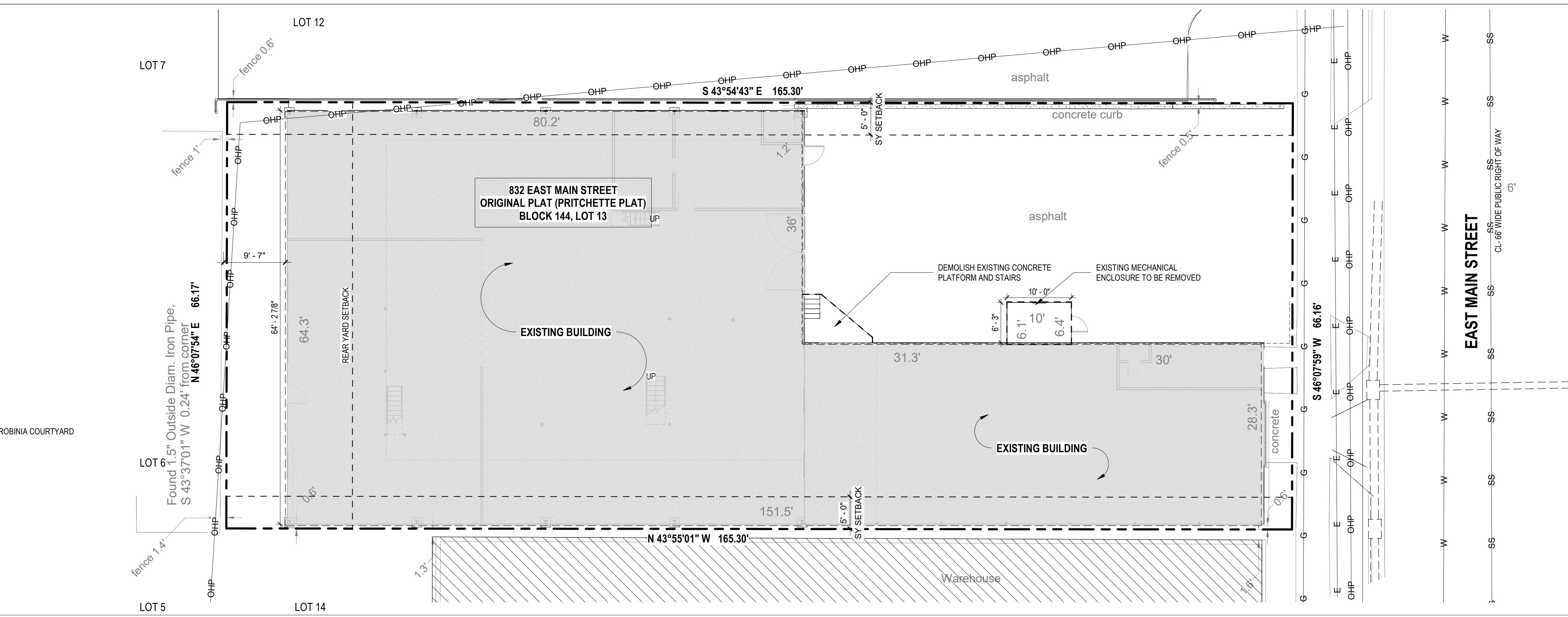
EXISTING PHOTO- NE VIEW FROM MAIN STREET



EXISTING PHOTO EAST ELEVATION- BUILDING B

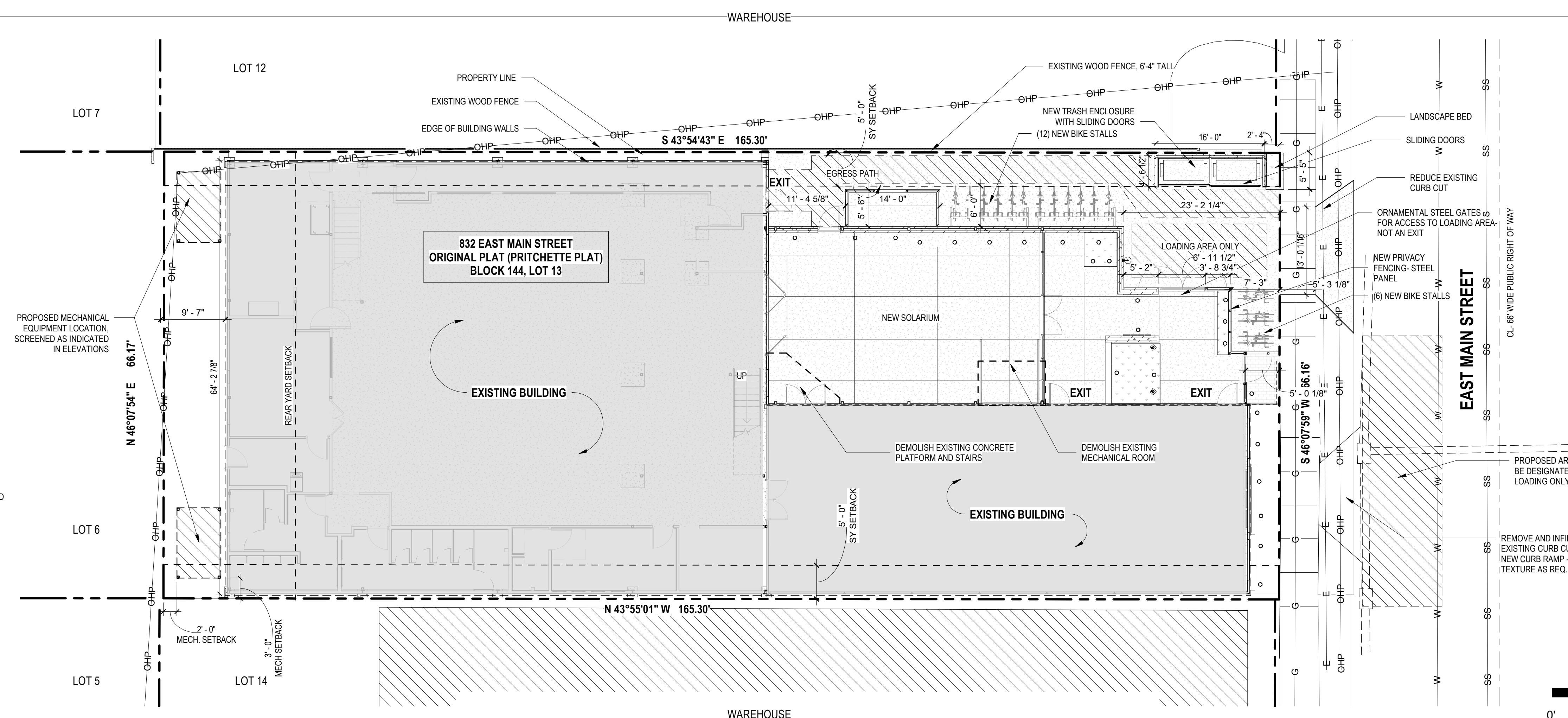


EXISTING PHOTO- EAST ELEVATION-BUILDING A



2 SITE PLAN- EXISTING CONDITIONS

1" = 10'-0"



1 SITE PLAN- PROPOSED

1" = 10'-0"

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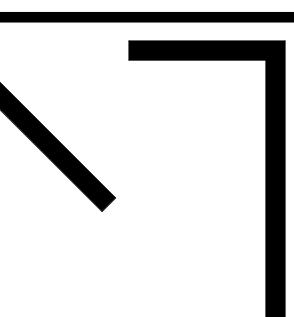
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828 E. MAIN STREET

A-3

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828 E. MAIN STREET

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PROJECT NO: 1901
DATE: 06/12/19

REVISIONS
No. Description Date

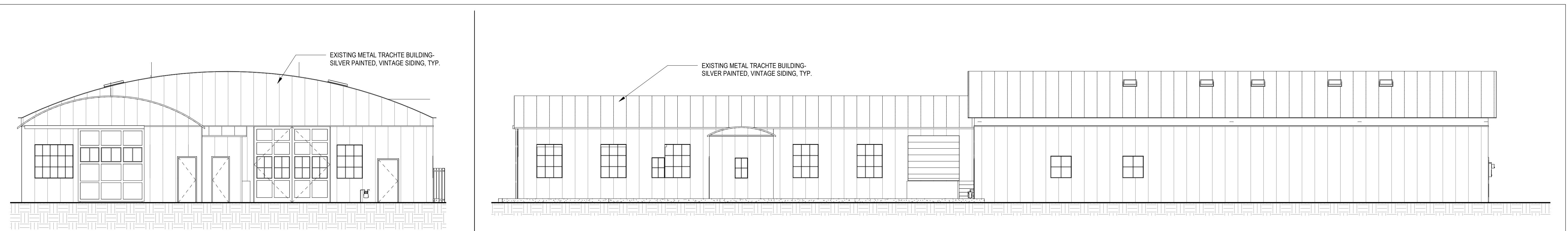
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EXISTING PLANS AND
ELEVATIONS

A-4

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2 East- Existing

1/8" = 1'-0"

3 North- Existing

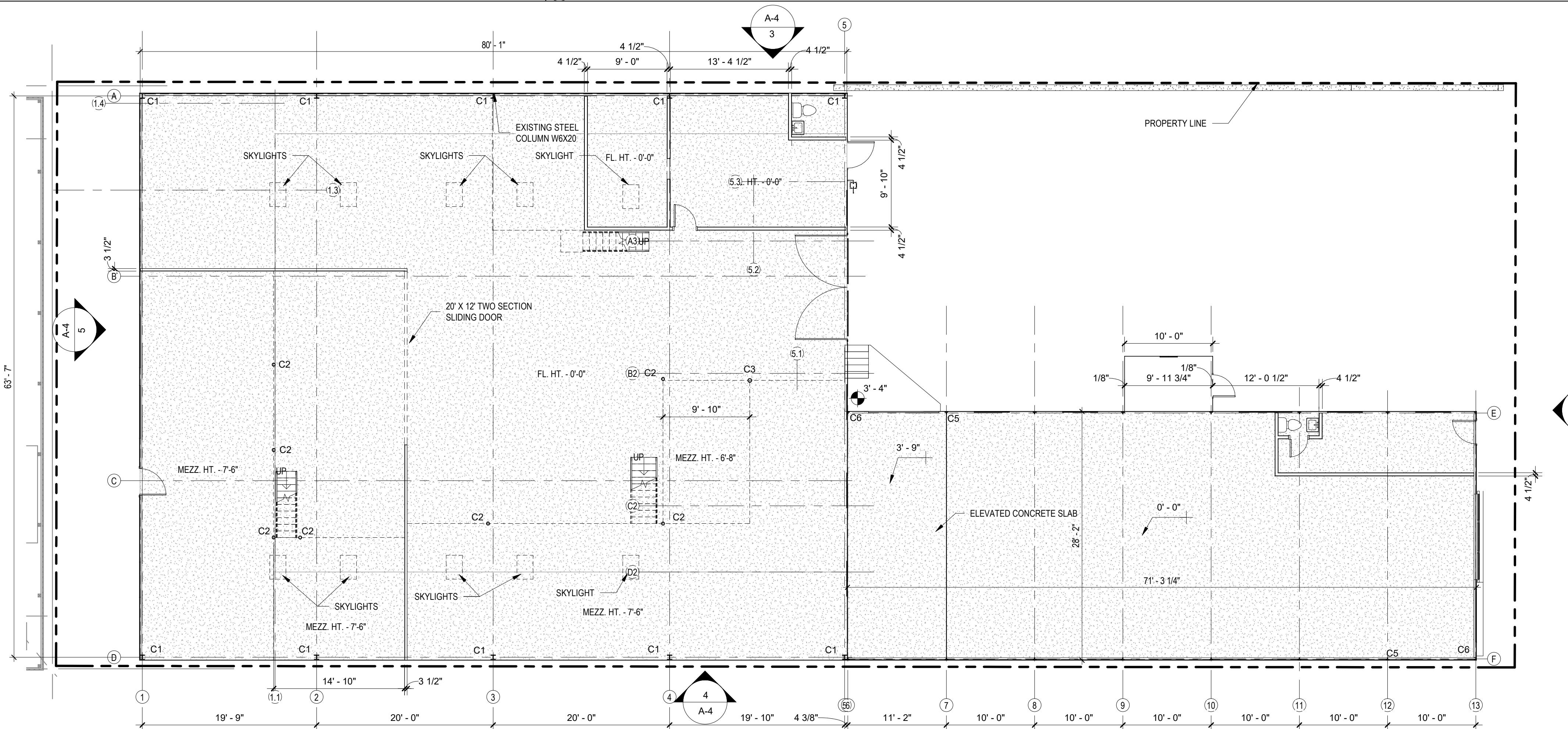
1/8" = 1'-0"

5 West- Existing

1/8" = 1'-0"

4 South- Existing

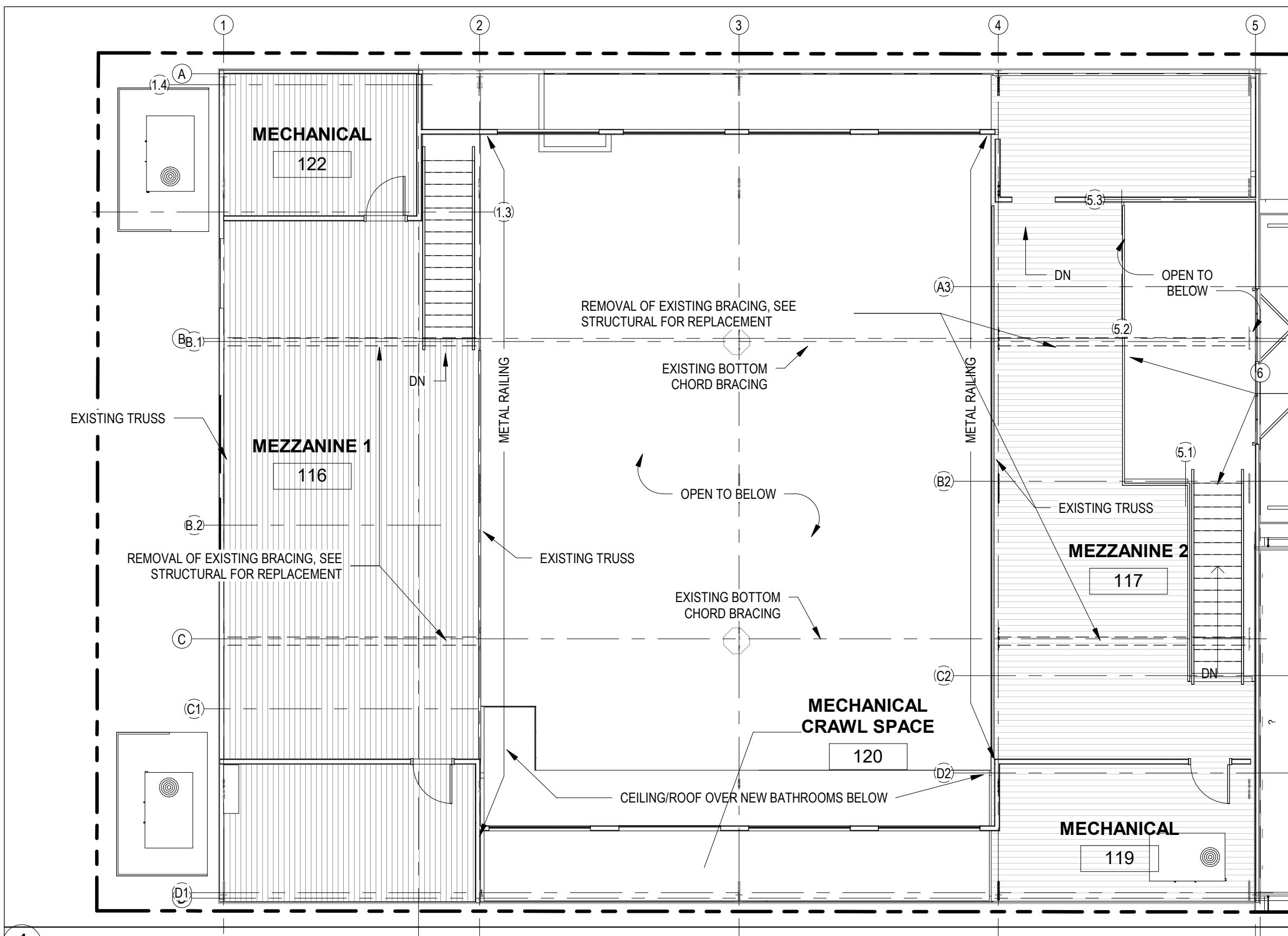
1/8" = 1'-0"



1 FIRST FLOOR-EXISTING

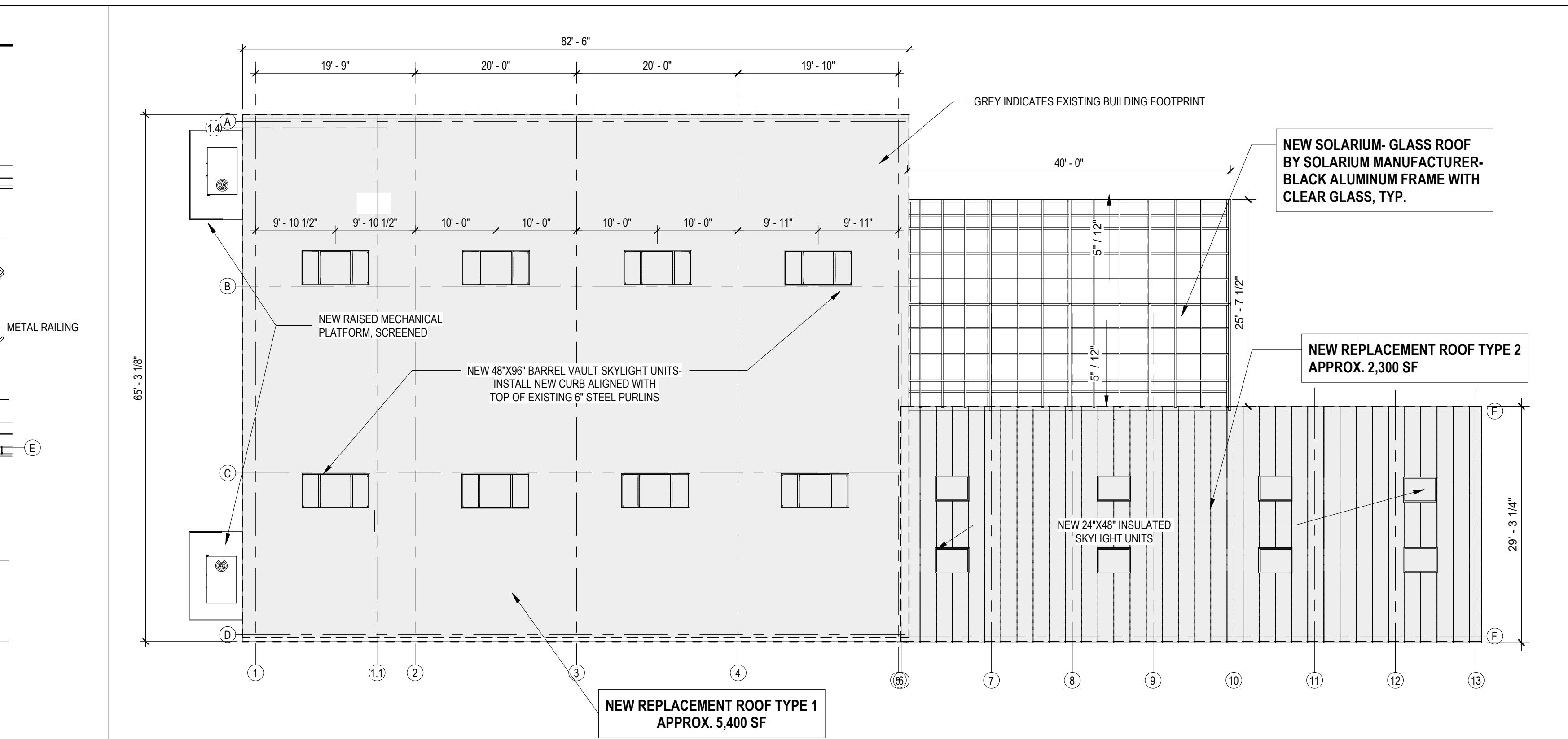
1/8" = 1'-0"

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4 MEZZANINE FLOOR PLAN- UDC

1/8" = 1'-0"



3 ROOF PLAN

3/32" = 1'-0"

FULL SIZE SHEET: 22"x34"

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REVISIONS

No. 1 UDC SUBMISSION

Date 06/12/19

PROJECT NO: 1901

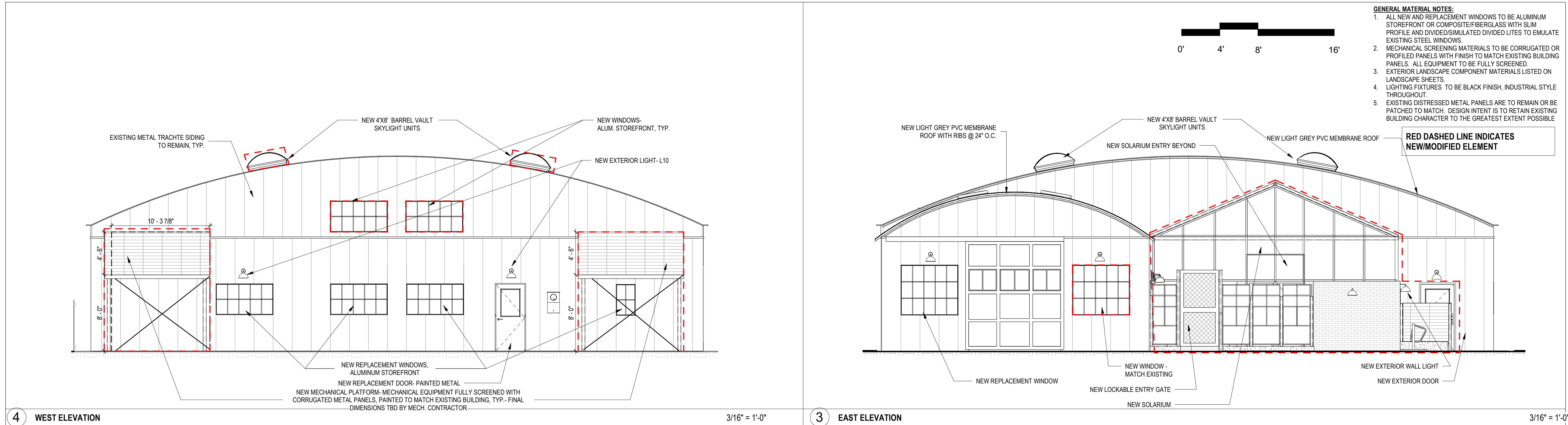
DATE: 06/12/19

SHEET TITLE

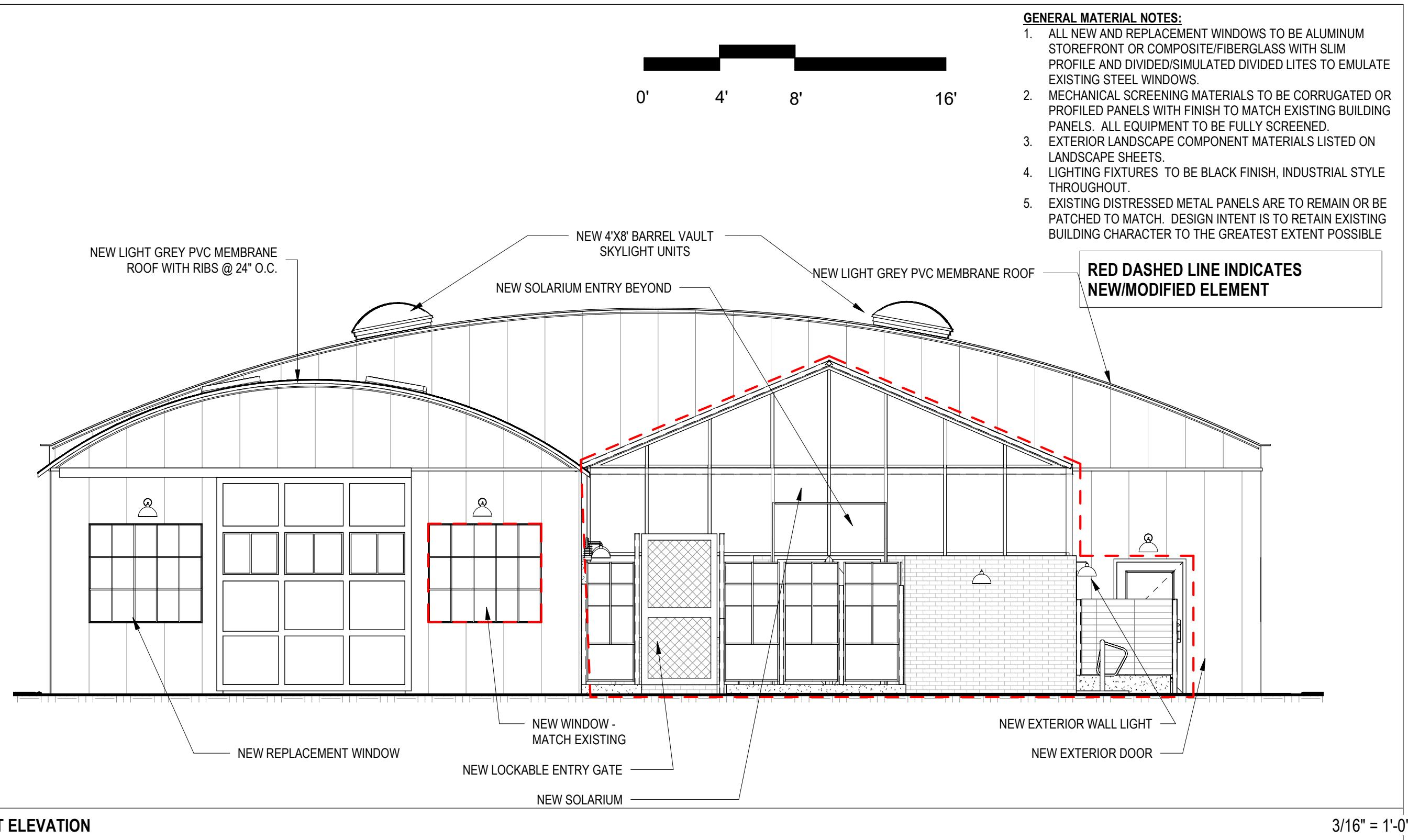
FLOOR PLANS ROOF
PLAN

A-5

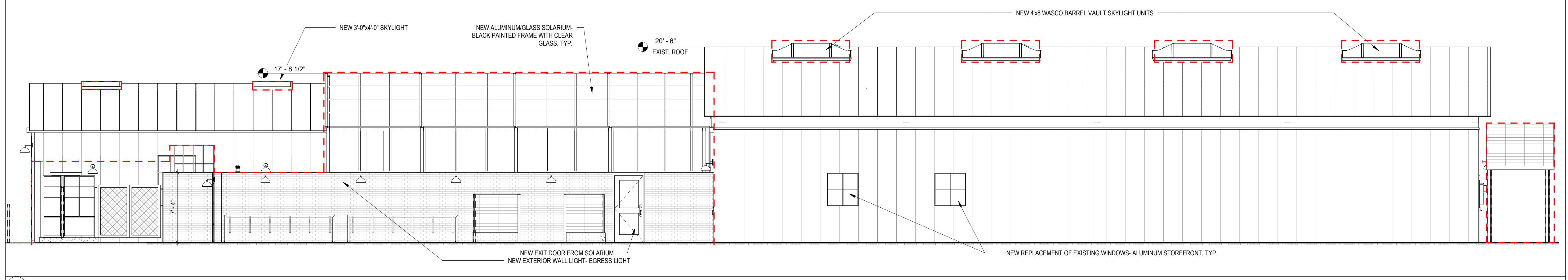
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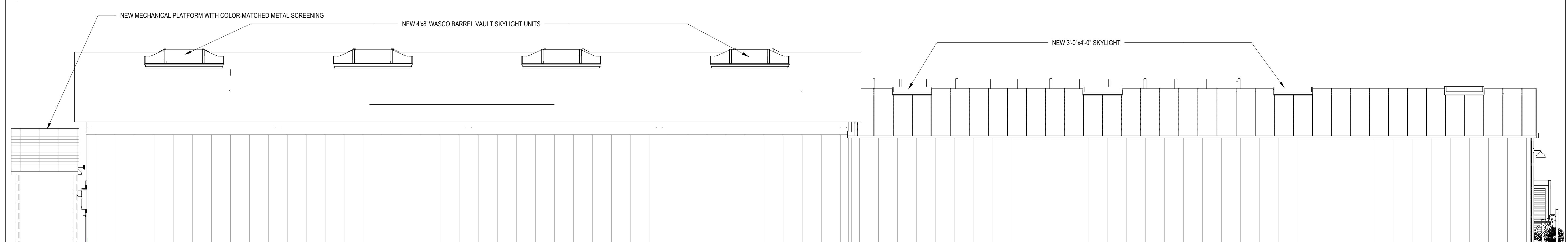
4 WEST ELEVATION



3 EAST ELEVATION



2 NORTH ELEVATION



1 SOUTH ELEVATION

| | |
|---|----------------|
| GENERAL MATERIAL NOTES: | |
| <ol style="list-style-type: none"> ALL NEW AND REPLACEMENT WINDOWS TO BE ALUMINUM STOREFRONT OR COMPOSITE/ FIBERGLASS WITH SLIM PROFILE AND DIVIDED/SIMULATED DIVIDED LITES TO EMULATE EXISTING STEEL WINDOWS. MECHANICAL SCREENING MATERIALS TO BE CORRUGATED OR PROFILED PANELS WITH FINISH TO MATCH EXISTING BUILDING PANELS. ALL EQUIPMENT TO BE FULLY SCREENED. EXTERIOR LANDSCAPE COMPONENT MATERIALS LISTED ON LANDSCAPE SHEETS. LIGHTING FIXTURES TO BE BLACK FINISH, INDUSTRIAL STYLE THROUGHOUT. EXISTING DISTRESSED METAL PANELS ARE TO REMAIN OR BE PATCHED TO MATCH. DESIGN INTENT IS TO RETAIN EXISTING BUILDING CHARACTER TO THE GREATEST EXTENT POSSIBLE | |
| MoTiS Morrison Tills Studio | |
| 841 W. Lakeside Street Suite A Madison, WI 53715 608.709.1430 info@motisarch.com | |
| 828 E. MAIN ST., MADISON, WI 53703 | |
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| 828 E. MAIN STREET | |
| FULL SIZE SHEET: 22"X34" | |
| REVISIONS | |
| No. | Description |
| 1 | UDC SUBMISSION |
| Date | |
| 06/12/19 | |
| PROJECT NO: 1901 | |
| DATE: 06/12/19 | |
| SHEET TITLE | |
| EXTERIOR ELEVATIONS | |
| A-6 | |
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FULL SIZE SHEET: 22"X34"

828 E. MAIN STREET

828 E. MAIN ST., MADISON, WI 53703

NOT FOR CONSTRUCTION- FOR REFERENCE ONLY

| REVISIONS | DESCRIPTION | DATE |
|-----------|-----------------|----------|
| No. 1 | UDC SUBMISSION | 06/12/19 |
| 2 | CONDITIONAL USE | 06/12/19 |

PROJECT NO: 1901
DATE: 06/12/19

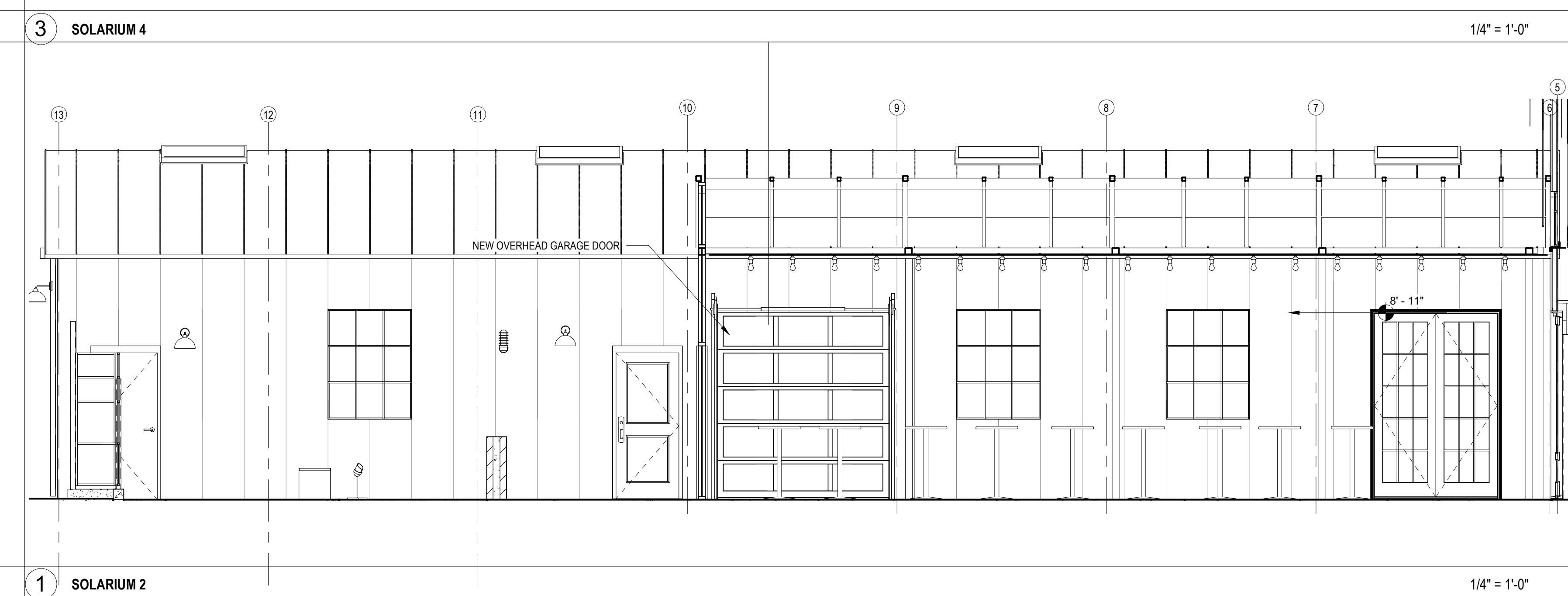
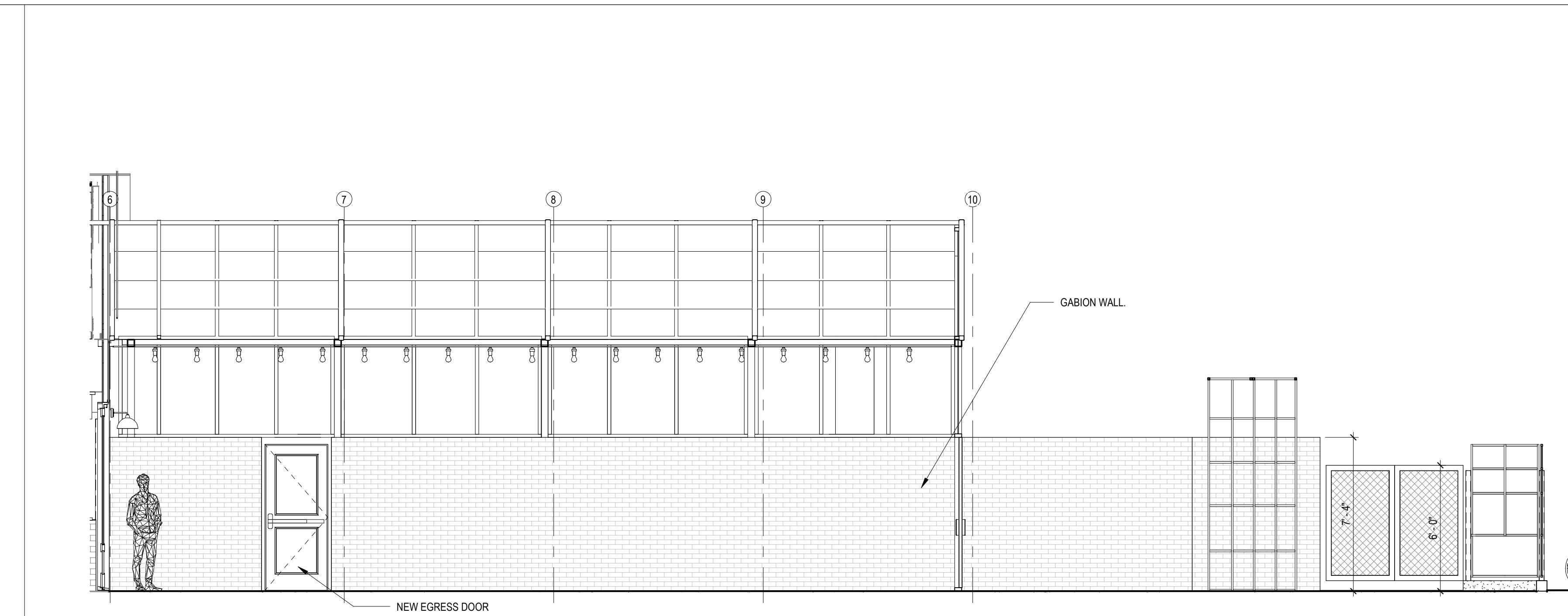
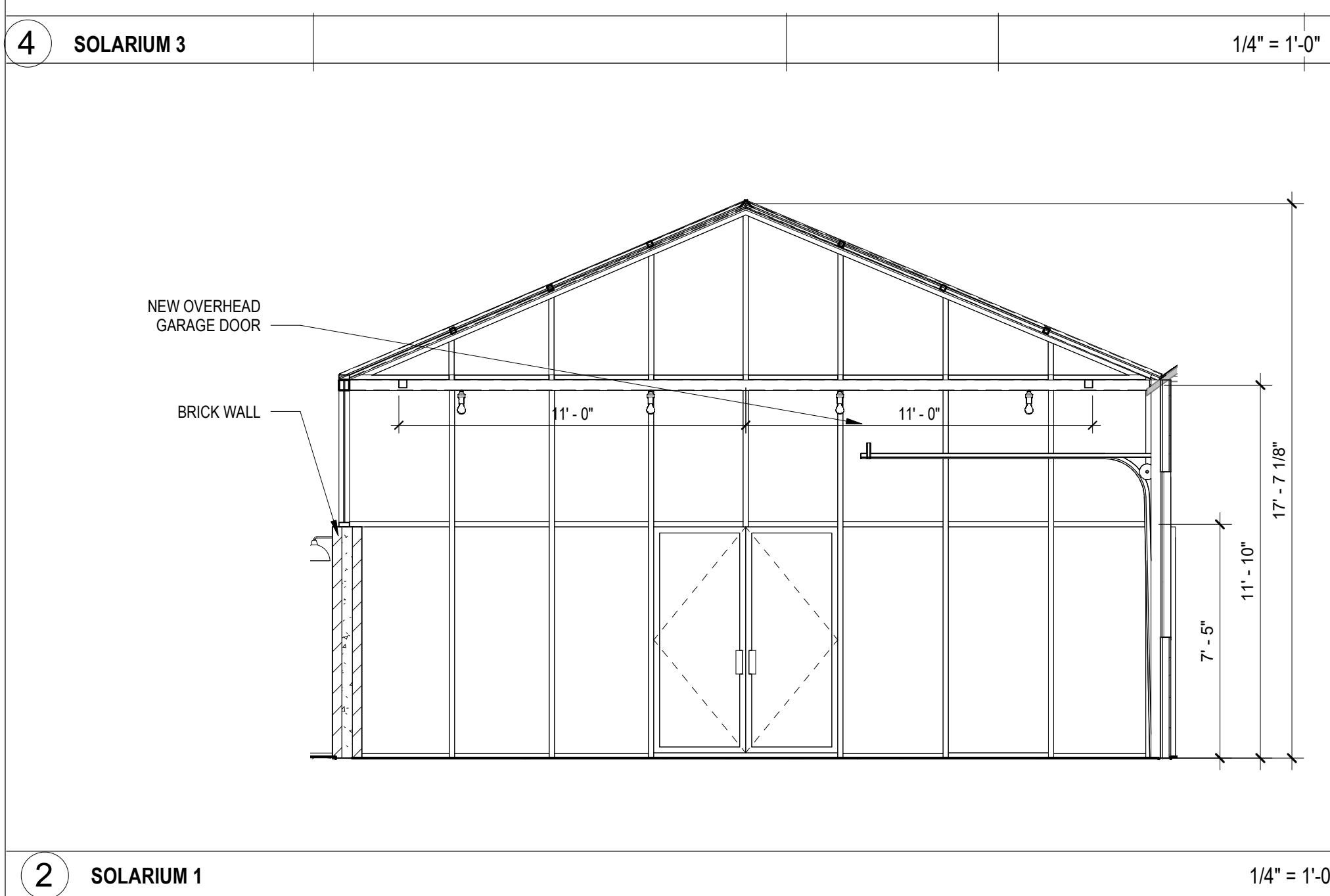
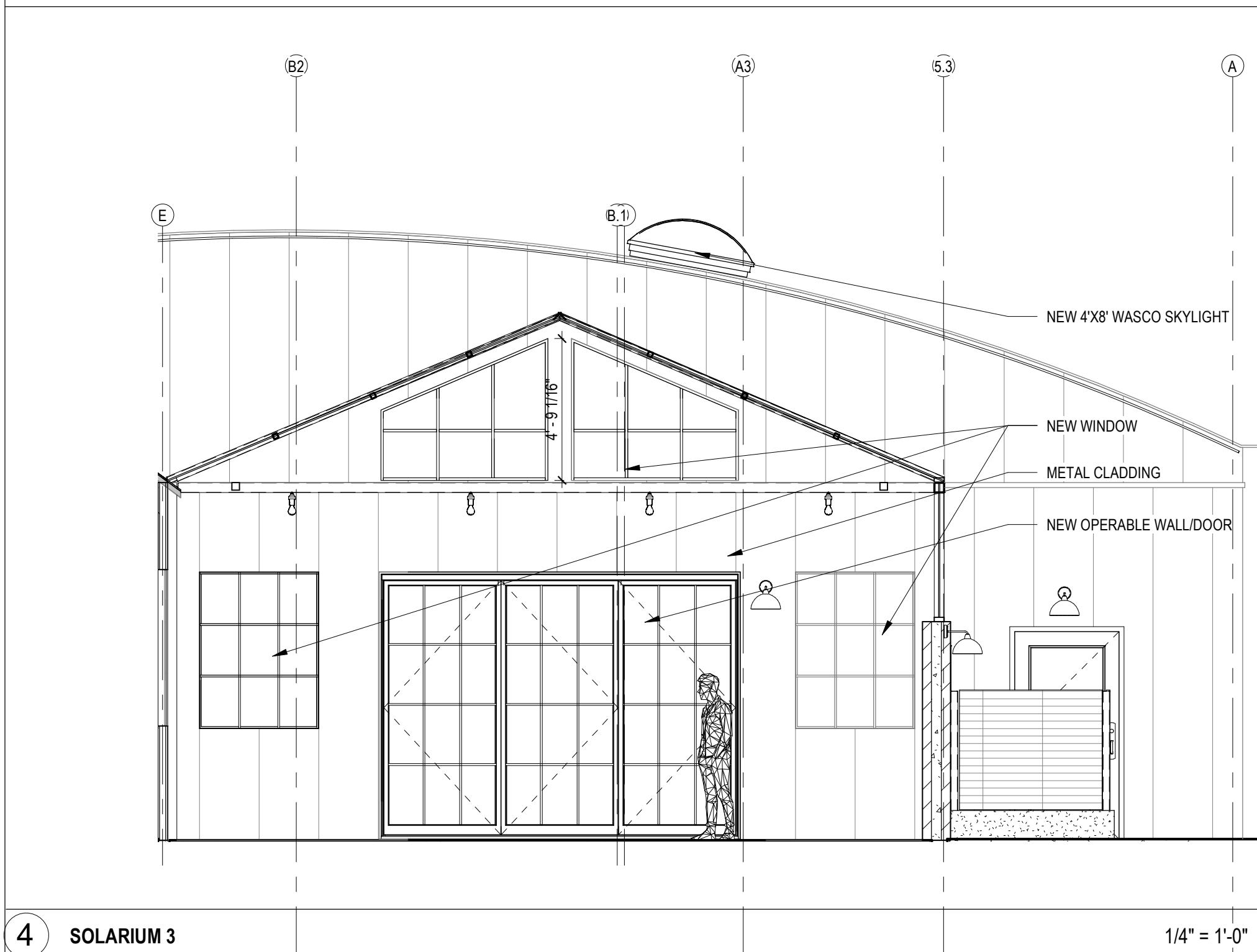
SHEET TITLE

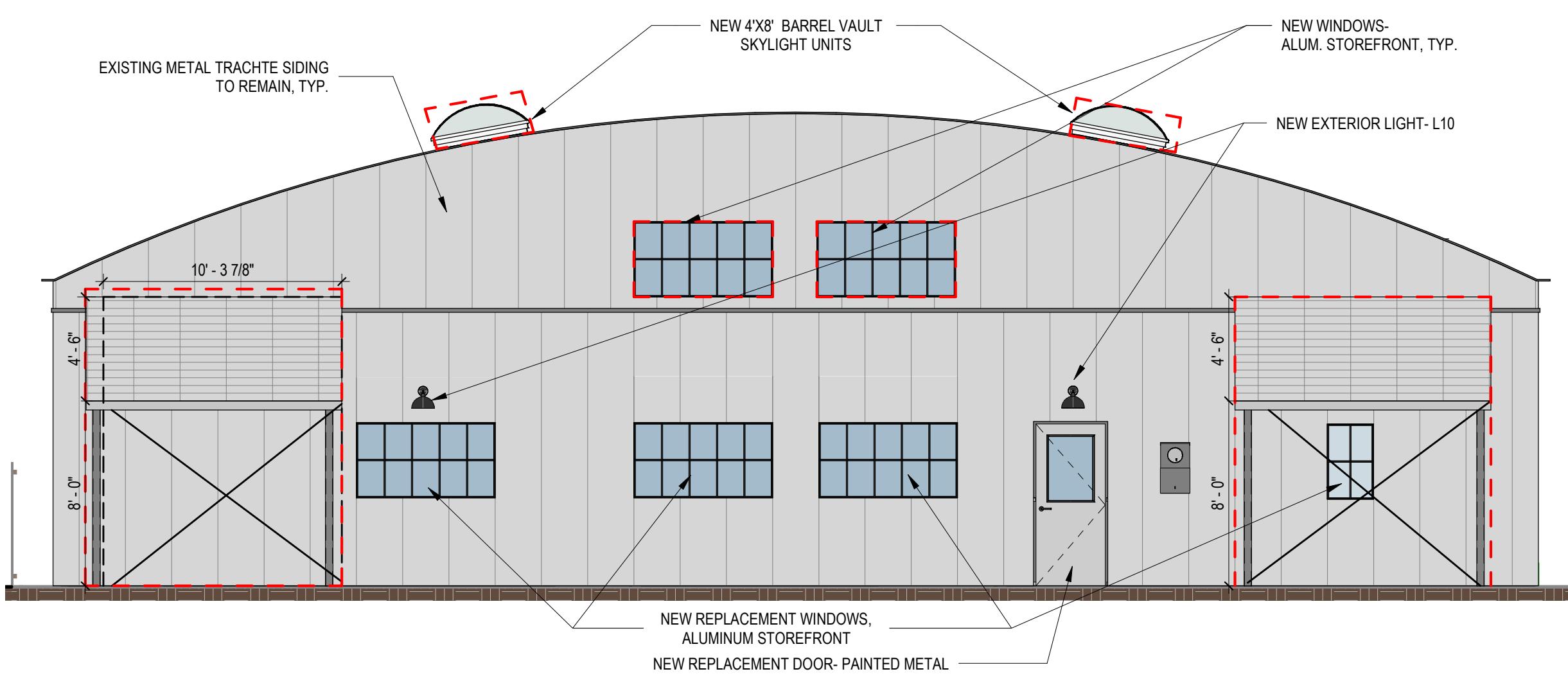
SOLARIUM
ELEVATIONS

A-6.5

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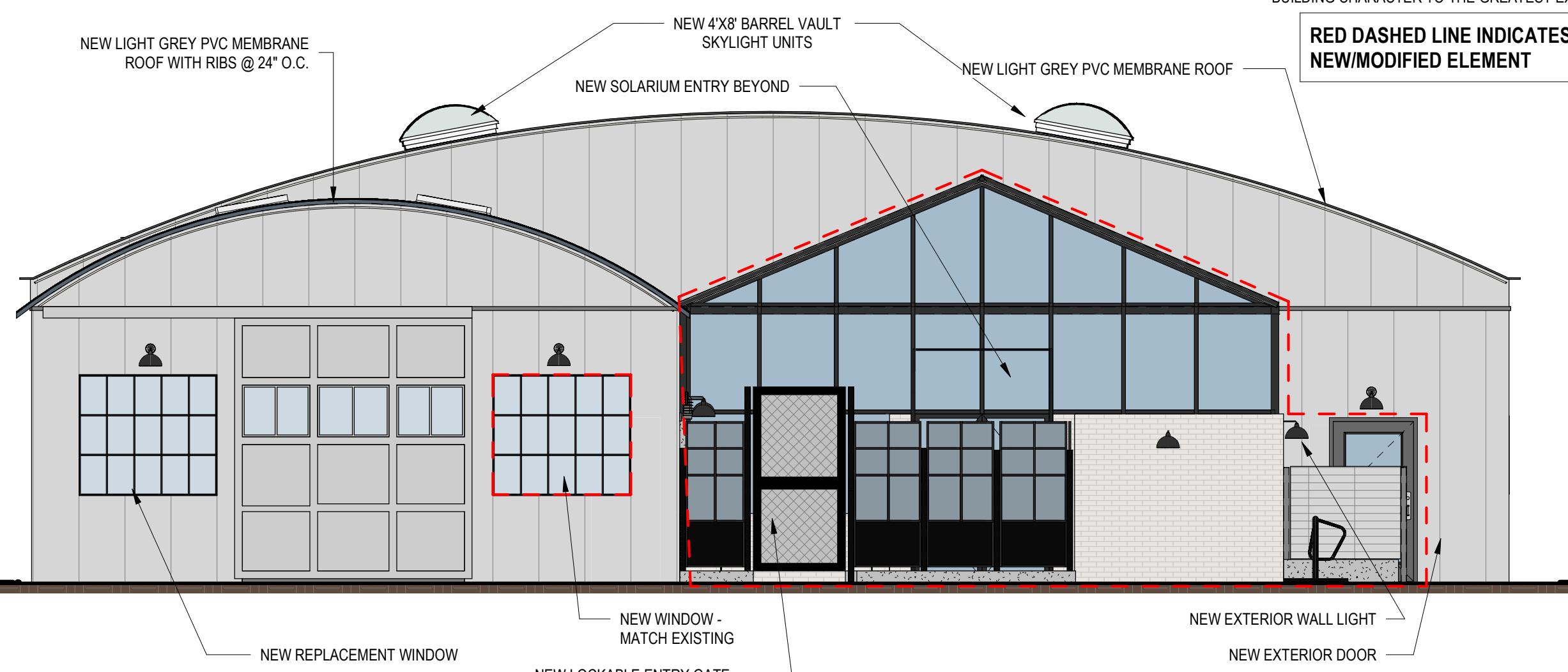
Copyright 2019





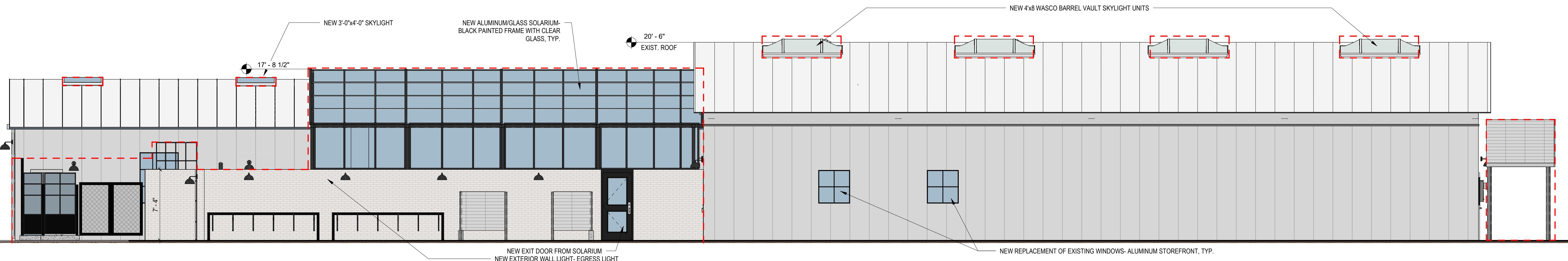
4 WEST ELEVATION- COLOR

3/16" = 1'-0"



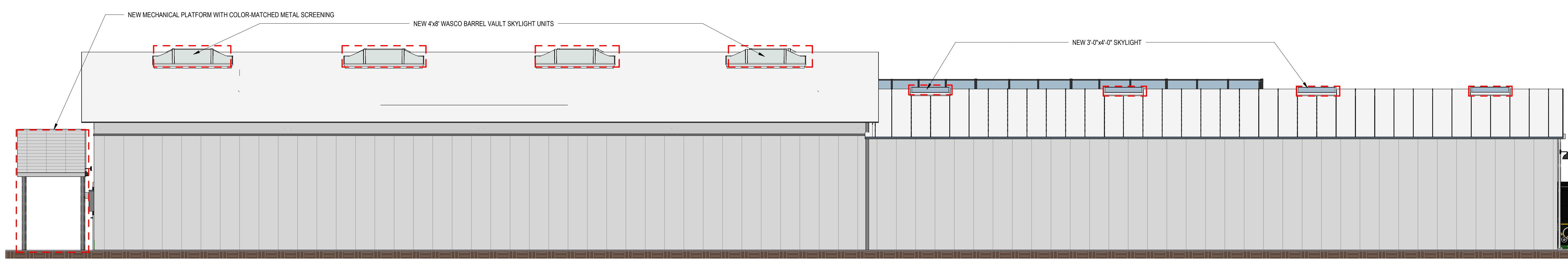
3 EAST ELEVATION - COLOR

3/16" = 1"-



2 NORTH ELEVATION- COLOR

3/16" = 1'-0"



1 SOUTH ELEVATION- COLOR

3/16" = 1'-0"

A large black L-shaped bracket on the left side of the page, spanning from the top edge to the bottom edge and from the left edge to about two-thirds of the way across the page.

MoTiS

Morrison Tills Studio

841 W. Lakeside Street Suite
A Madison, WI 53715
608.709.1430
info@motisearch.com

828 E. MAIN STREET

PROJECT NO: 1901

SHEET TITLE

ELEVATIONS- COLOR

A-7

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CONCEPT VIEW- SOLARIUM



CONCEPT VIEW- SOLARIUM AND EXISTING BUILDING A



CONCEPT VIEW- COURTYARD ENTRY



CONCEPT VIEW- E MAIN ST

NOT FOR CONSTRUCTION- FOR REFERENCE ONLY

FULL SIZE SHEET : 22"x34"

828 E. MAIN STREET

828 E. MAIN ST., MADISON, WI 53703

MoTiS
Morrison Tills
Studio

841 W. Lakeside Street Suite
A Madison, WI 53715
608.709.1430
info@motisarch.com

PROJECT NO: 1901
DATE: 06/12/19

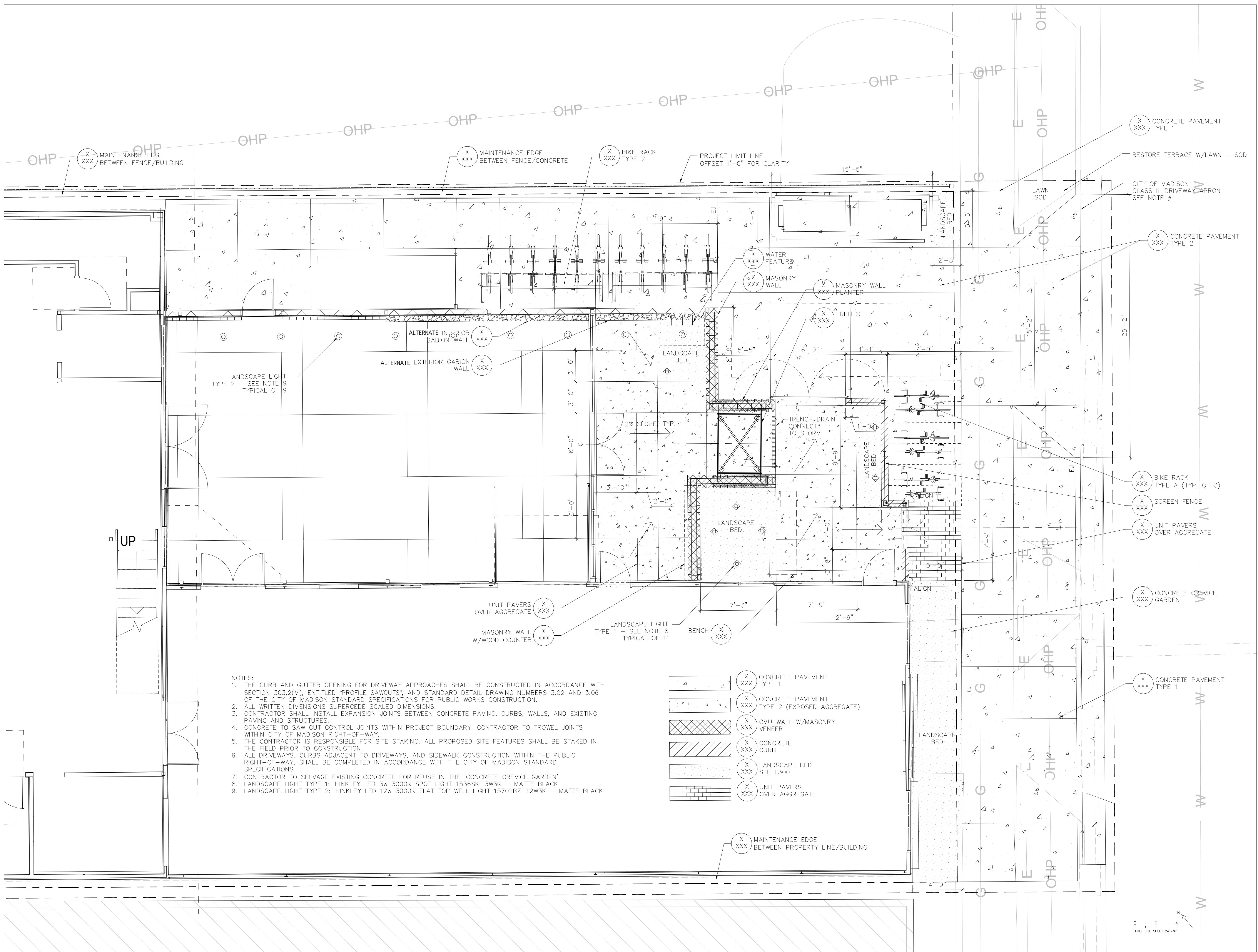
SHEET TITLE

CONCEPT RENDERINGS

A-8

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828 E. MAIN STREET

828 E. MAIN ST., MADISON, WI 53703

The image contains two separate geometric figures. The first figure on the left is a right-angled triangle. A dashed line segment originates from the right-angle vertex at the bottom-left and extends upwards and to the right, ending at the midpoint of the hypotenuse. The second figure on the right is a right-angled trapezoid. A dashed line segment originates from the top-right vertex and extends downwards, ending at the midpoint of the vertical leg on the right side.

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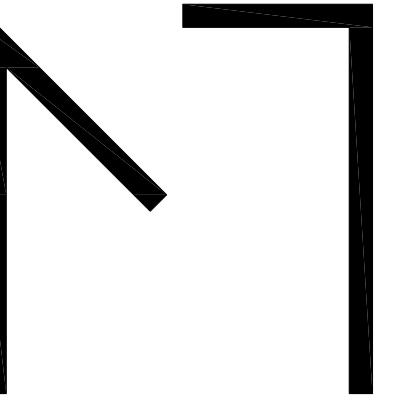
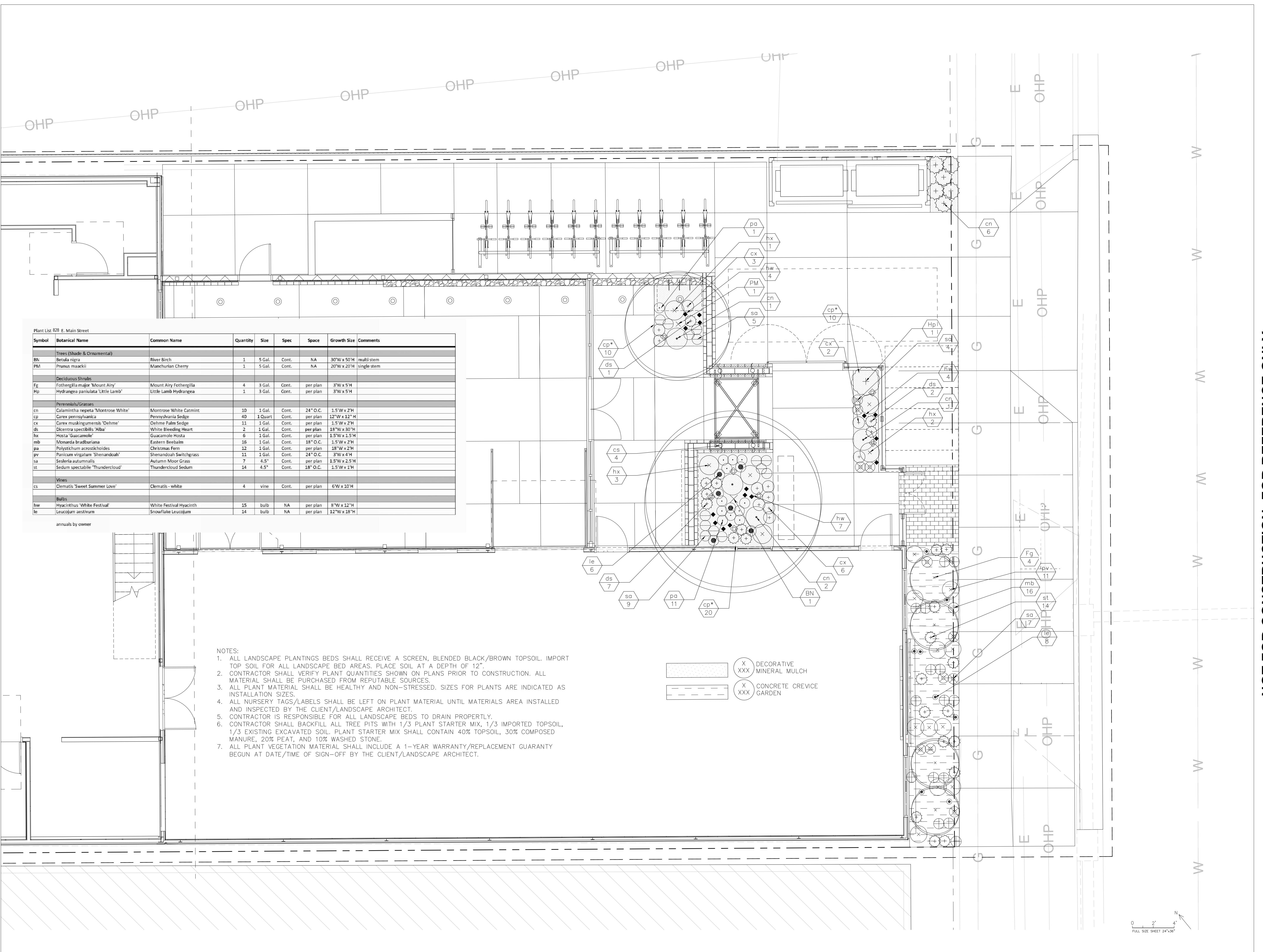
Aaron Williams
Landscape Architecture
aw-la.com | Madison, Wis.
+1 (608) 469-1724

JECT NO: **19A-04**

卷之三

SITE PLAN/ GRADING PLAN

L200



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LANDSCAPE PLAN

PROJECT NO: 19A-04
DATE: 06/12/19

828 E. MAIN STREET
828 E. MAIN ST., MADISON, WI 53703

LANDSCAPE
PLAN

L300



CITY OF MADISON LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Project Location / Address 828 E. Main Street Madison, Wisconsin
Name of Project 828 E. Main Project
Owner / Contact Per Application - Aaron Williams (landscape architect)
Contact Phone 608-469-1724 Contact Email awilliams@aw-law.com

** 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 2,685

Total landscape points required 45

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

Total square footage of developed area _____

Five (5) acres = 217,800 square feet

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

Remainder of developed area _____

Total landscape points required _____

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

Total square footage of developed area _____

Total landscape points required _____

10/2013

1

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 | | | 1 | 35 |
| Tall evergreen tree (i.e. pine, spruce) | 5-6 feet tall | 35 | | | | |
| Ornamental tree | 1 ½ inch caliper | 15 | | | 1 | 15 |
| Upright evergreen shrub (i.e. arborvitae) | 3-4 feet tall | 10 | | | | |
| Shrub, deciduous | #3 gallon container size, Min. 12"-24" | 3 | | | 5 | 15 |
| Shrub, evergreen | #3 gallon container size, Min. 12"-24" | 4 | | | | |
| Ornamental grasses/ perennials | #1 gallon container size, Min. 8"-18" | 2 | | | 50 | 100 |
| Ornamental/ decorative fencing or wall | n/a | 4 per 10 linear ft. | | | 17lf | 4 |
| Existing significant specimen tree | Minimum size: 2 ½ inch caliper dbh. *Trees must be within developed area, publicly accessible, 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, publicly accessible, and cannot comprise more than 5% of total required points. | 5 points per "seat" | | | | |
| Sub Totals | | | | | | 169 |

Total Number of Points Provided 169

* 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.

10/2013

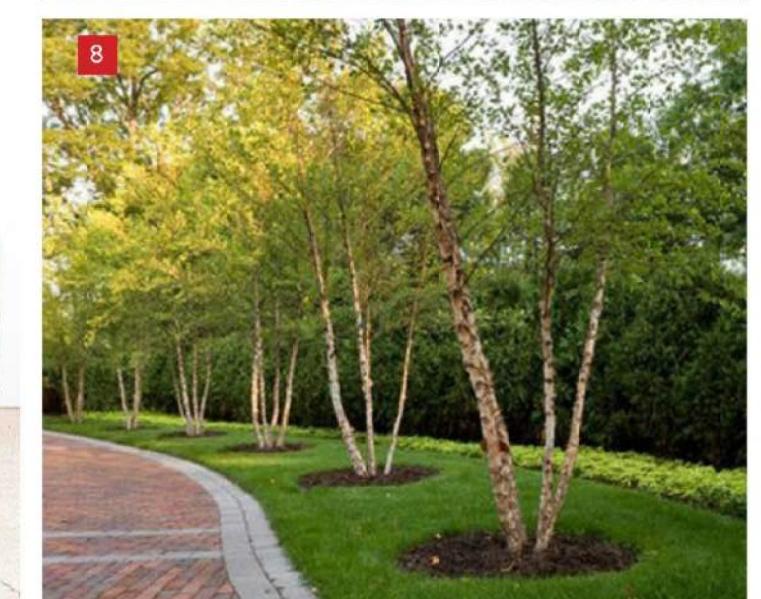
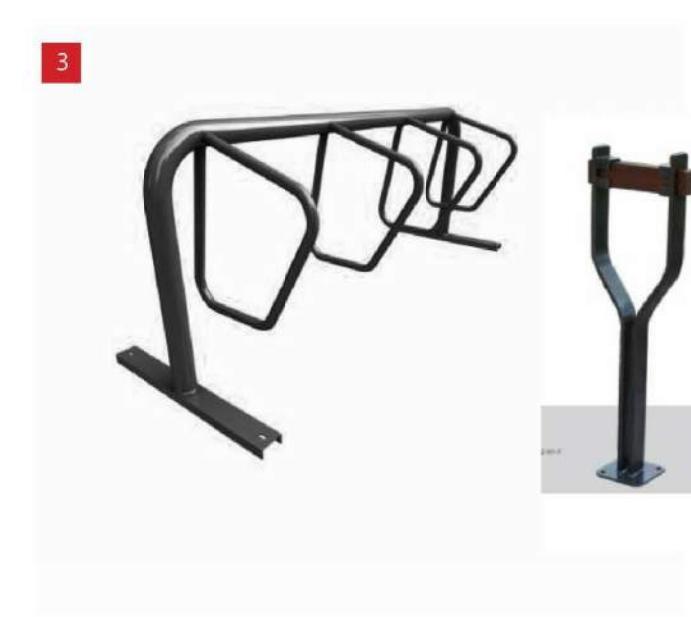
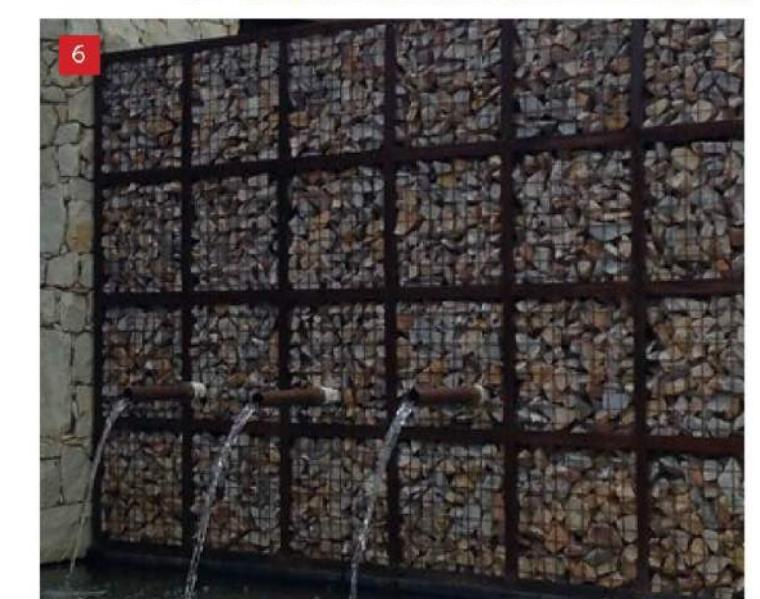
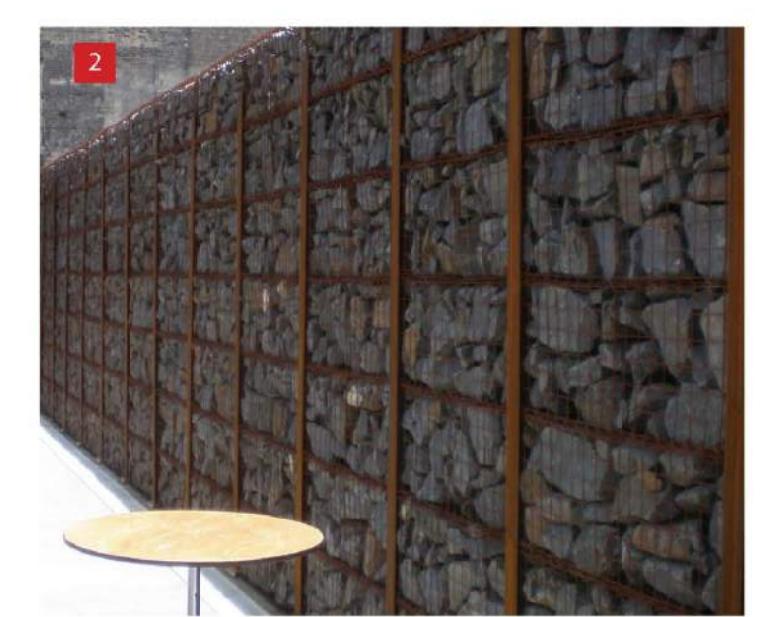
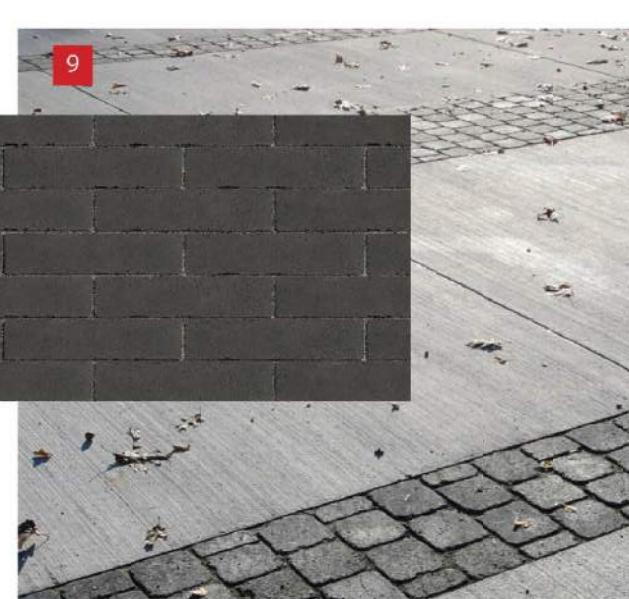
2

1. rebar gridded structure to support
5. Hinkley landscape spot light
9. Hinkley landscape inground well light

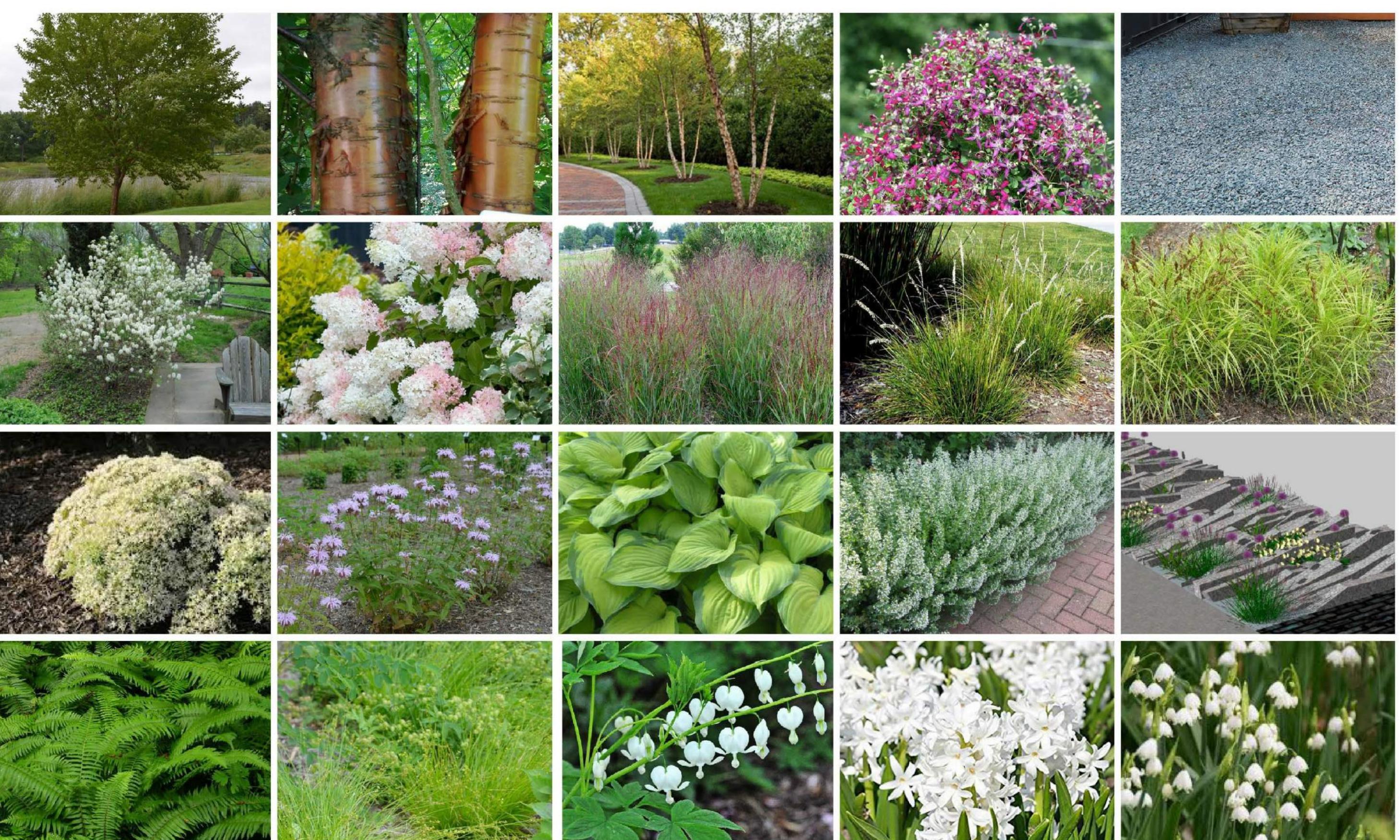
2. washed river stone or large trap rock gabion infill
6. water spouts from gabion wall - into gravel
10. BRICK WALL- WHITE

3. Campus bike rack + Madrax Sprout rack
7. timber bench stained black
10. arbor with cascading vines

4. concrete crevice garden
8. signature multi stem river birch
12. metal gridded gates with 3/4" polycarbonate panels



SOFTSCAPE IMAGES



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828 E. MAIN STREET

828 E. MAIN ST., MADISON, WI 53703

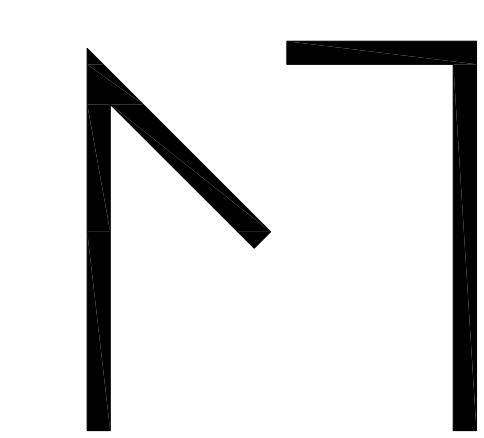
| No. | Description | Date |
|-----|-------------|------|
| | | |
| | | |
| | | |

PROJECT NO: 19A-04
DATE: 06/12/19

SHEET TITLE

LANDSCAPE PLAN-IMAGES

L301



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Aaron Williams
Landscape Architect
aw-la.com | Madison, Wis
+1 (608) 469-1724



CONSOLIDATED ELECTRICAL DISTRIBUTORS, INC.

Submittal Package

Prepared for by: Logan Webb/ Micheal McGinty

Customer: Motis

Job Name: Wedding Venue - 828 E. Main Street Madison

Yard Light

RLM Reflectors

Job Information:

| | |
|-----------|--------------|
| Project: | Prepared by: |
| Comments: | Approved by: |

Features:

Reflector: Spun from heavy gauge aluminum with an rolled in bead.

Lamp Types:

Incandescent: 100W max. Medium base porcelain socket.

CFL: Requires External Driver Enclosure.

HPS: Requires External Driver Enclosure.

MH: 150W Max Requires External Driver Enclosure.

Mounting: Comes with wall mount for 250 series.

Finish: Powder Coat Finish for Outdoor use. Complete color selection found at [bock.lighting/colors](#).

Certification: Built to UL 1598 and UL Certified for Damp and Wet Locations.



| Size | Diameter | Max Wattage |
|------|----------|-------------|
| 250 | 12" | 100W |

Note: This isn't a complete spec to order from. Bock offers more than what is shown on a single page. Use the RLM Catalog or RLM Configurator to make a valid part number and submittal.

<http://www.bocklighting.com/sales/rilm-configurator>

Ordering Guide:

Example: 250-G0 / MED5

| | | |
|--------|---|-----------|
| Series | - | Lamp Type |
|--------|---|-----------|

250 = Yard Light

MED = Incandescent Base

GXT(26,32,42) = CFL Triple Tube, Universal Voltage

PSMH(50/70/100/150) = Pulse Start Metal Halide

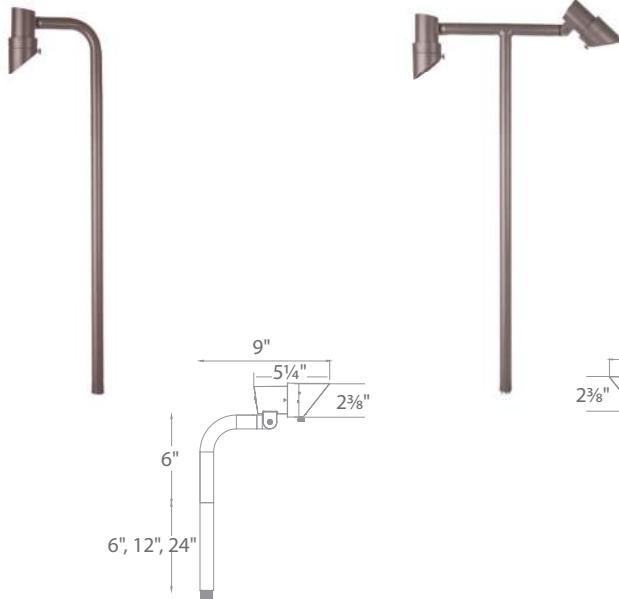
HPS(50/70/100/150) = High Pressure Sodium

MINI ACCENT LED PATH

6111 / 6211

WAC

LANDSCAPE LIGHTING



Fixture Type:

Catalog Number:

Project:

Location:

PRODUCT DESCRIPTION

Landscape mini accent luminaire. One fixture replaces all older halogen landscape accent lights

FEATURES

- Continuously Adjustable Beam Angles. Indexed at 10°, 25°, 40°, 50°
- Continuously Adjustable brightness control. Indexed at 1W, 2W, 4W, 6W, 7W
- Adjustable beam angle
- IP66 rated, Protected against high-pressure water jets
- Includes a detachable shroud
- Solid diecast brass or corrosion resistant aluminum
- Factory sealed water tight fixtures
- Constant output for 9V-15V input
- Can be used as an uplight or downlight
- 2700K or 3000K color temperature
- Guardian detachable shroud, 6' lead wire and direct burial gel filled wire nuts included
- UL & cUL 1838 Listed

SPECIFICATIONS

6111 *Single*
Input: 9-15VAC (Transformer is required)
Power: 1W to 7W / 2VA - 10.5VA
Brightness: 45lm to 365 lm
CRI: 85
Rated Life: 70,000 hours

6211 *Double*
Input: 9-15VAC (Transformer is required)
Power: 1W to 7W / 2VA - 10.5VA x 2
Brightness: 45lm to 365 lm x 2
CRI: 85
Rated Life: 70,000 hours

ORDERING NUMBER

| | Color Temp | Finish |
|-------------|---------------|----------------------------|
| 6111 | <i>Single</i> | 27 2700K Warm White |
| 6211 | <i>Double</i> | 30 3000K Pure White |

6111-_____BBR

Example: **6111-30BBR**

waclighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91760

MINI ACCENT LED PATH

6111 / 6211

WAC
LANDSCAPE LIGHTING

Surface Mount Flange/Stake



Includes three 7 inch threaded stainless steel stabilizing pins for ground mounting or surface mounts with four screws or over a junction box

5000-SCP-BZ
Bronze on Aluminum

5" Long Shroud



Reduce glare. Ideal for downlighting application

5111-LSHR-BZ Bronze on Aluminum
5111-LSHR-BBR Bronze on Brass



Guardian Mount

*Heavy duty stainless steel spike to position fixture.
Formed from a single piece of metal*

9000-SP9-BZ
Stainless Steel

Magnetic Transformers

*Stainless Steel, 12-15V output, IP65 rated, UL 1838 listed
See transformer spec sheet for details and its accessories*

9075-TRN-SS
75W Max

9150-TRN-SS
150W Max

9300-TRN-SS
300W Max

9600-TRN-SS
600W Max





Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

IC LED OUTDOOR PERFORMANCE STEP LIGHT

LED IC115LEDHSG, 838LED

IP65



PRODUCT DESCRIPTION

The Performance LED step light is rated for use in outdoor or indoor wall mount applications including concrete pour, brick masonry or drywall • May be used as LED retrofit kit for existing Juno PL115 outdoor rated step lights installed in application • Recessed housing is IC rated and can be completely covered with insulation • Back housing ships separately from power module trim for rough-in purposes • Designed to provide 50,000 hours of life • 5 year warranty on LED components.

ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

- No harmful ultraviolet or infrared wavelengths
- No lead or mercury

PRODUCT SPECIFICATIONS

Housing Die cast aluminum housing painted white for durability • Gasket for water tight seal in wet locations provides IP65 rating with 838LED trim • Cover plate provided to protect housing interior during rough-in • (2) 1/2" conduit compression fittings provided for wiring • (1) conduit fitting plug included • Two brackets supplied for nailing unit to studs.

Power Module Trim LED light engine and driver mounted directly to trim assembly for ease of wiring and installation into housing after rough-in.

LED Light Engine: LED PCB utilizes 1 watt high lumen output LEDs binned to Energy Star standards • 3000K or 4000K color temperatures available.

LED Driver: Non-dimming driver accommodates input voltage of 120 volts AC at 50/60Hz • Power factor > 0.9 at 120V input

• Driver is thermally protected and has integral overload and short circuit protection • Terminal connections provided as standard for easy removal.

Trim: Available in textured white, black, bronze or silver corrosion resistant paint on cast aluminum • Fastens to housing with two allen head screws • Matte textured diffuser supplied with all trims.

Life Rated for 50,000 hours at 70% lumen maintenance.

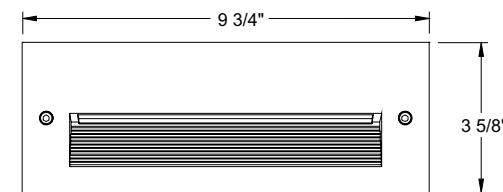
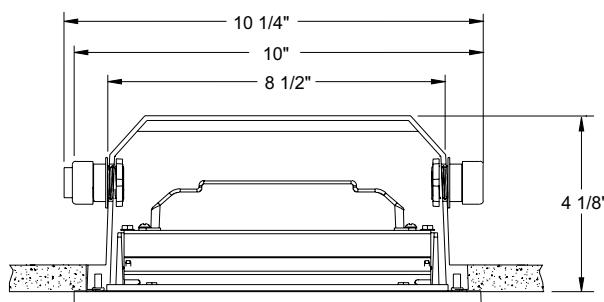
Labels UL listed for wet locations, concrete pour approved • UL and cUL Listed, RoHS compliant • UL Listed as LED conversion retrofit kit for Juno PL115 outdoor rated step light • IP65 rated.

Testing All reports are based on published industry procedures; field performance may differ from laboratory performance.

Specifications subject to change without notice.



DIMENSIONS



9" X 3" WALL OPENING

ELECTRICAL DATA

| | |
|-----------------------|---------------|
| Input Voltage | 120V |
| Input Power | 13.8W (+/-8%) |
| Input Current | 0.12A |
| Frequency | 50/60Hz |
| THD | <10% |
| Minimum starting temp | -20°C (-4°F) |

ORDERING INFORMATION:

Housing and power module trim each ordered separately. For use as a retrofit, order power module trim only.

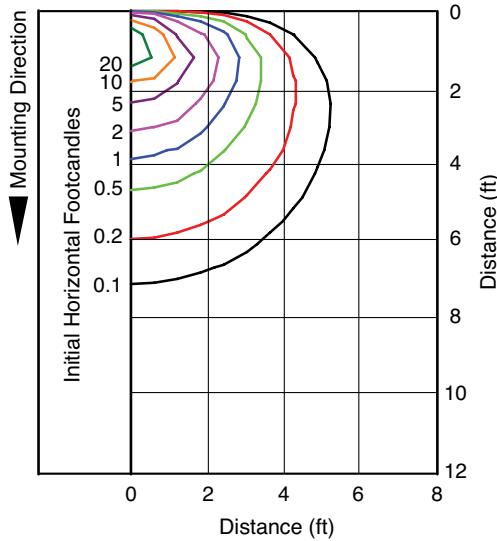
Example: **IC115LEDHSG**Example: **838LED 13W 40K 120 BL**

| Back Housing | Power Module Trim | Wattage | Color Temperature | Voltage | Trim Finish |
|-----------------|-------------------|--------------|------------------------|----------|--|
| IC115LEDHSG | 838LED | 13W 13 Watts | 30K 3000K 40K 4000K | 120 120V | BL Black Textured BZ Bronze Textured SR Silver Textured WH White Textured |

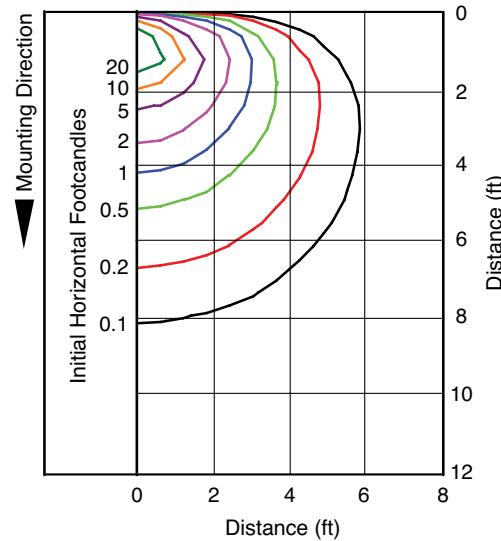
IC LED OUTDOOR PERFORMANCE STEP LIGHT

LED IC115LEDHSG, 838LED

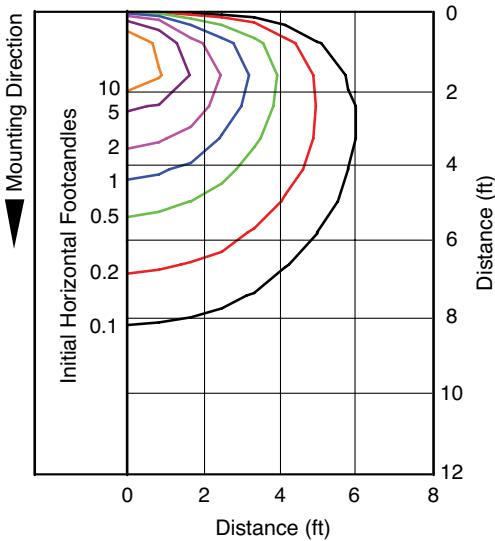
Catalog Number: IC115LEDHSG
838LED 13W 40K 120 BL
Test Number: PT09102902
Total Lumens: 182 lms
Mounting Height: 1.50 ft



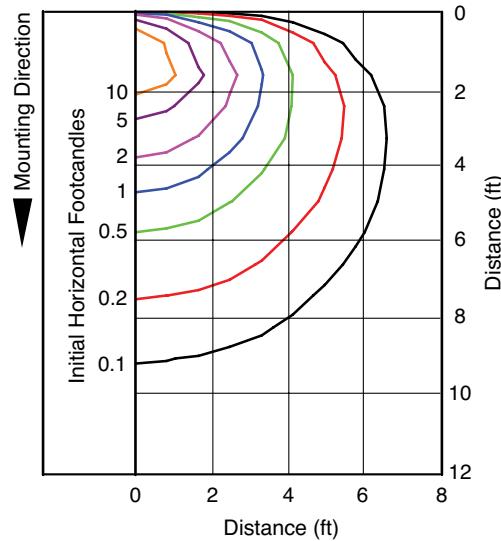
Catalog Number: IC115LEDHSG
838LED 13W 40K 120 WH
Test Number: PT09102901
Total Lumens: 293 lms
Mounting Height: 1.50 ft



Catalog Number: IC115LEDHSG
838LED 13W 40K 120 BL
Test Number: PT09102902
Total Lumens: 182 lms
Mounting Height: 2.00 ft



Catalog Number: IC115LEDHSG
838LED 13W 40K 120 WH
Test Number: PT09102901
Total Lumens: 293 lms
Mounting Height: 2.00 ft



Multiplier: 3K - 0.95

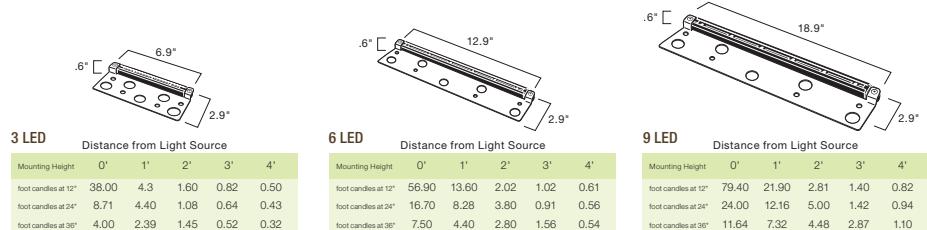


LED Fixture w Bracket



9-LED FIXTURE

- Aluminum, Brass, & Copper Plated Housings w/ Multiple Finish Options
- Stainless Steel Mount Brackets
- Stainless Steel Mounting Screws
- 9-15V AC/DC Operating Range w/ Integrated, Constant Voltage Driver
- 10-Year / 40,000 Hour Warranty on LED Driver & All Other Electrical Components
- Available in 3, 6, & 9 LED Configurations
- Casts a Low, Even Spread of Energy Efficient LED Light
- 2950K (-150 / +175) High CRI
- 70" of Useable #18-2, SPT-1W Leads. Cable Connector Supplied. WHT Finished Fixtures Have Coordinating White Leads
- 5-Year Warranty on Aluminum LED Housings & Exterior Finishes



ORDERING INFORMATION

EXAMPLE: 15745AZT (Product # & Finish)

| PRODUCT | WATTAGE/STYLE | FINISHES | OPTIONAL |
|------------------------|---|--|----------|
| 3-LED Fixture 15745 | .75 Watts / 1.3 Voltage Amps | AZT - Architectural Textured Bronze (Shown Above) BBR - Bronzed Brass CO - Copper (Will Naturally Patina Over Time) GRY - Gray SD - Sand WHT - Textured White | |
| 6-LED Fixture 15746 | 1.4 Watts / 2.4 Voltage Amps | | |
| 9-LED Fixture 15756 | 2.2 Watts / 3.7 Voltage Amps (Shown Above) <u>Please Note:</u> Not For Use With Electronic Transformers | | |

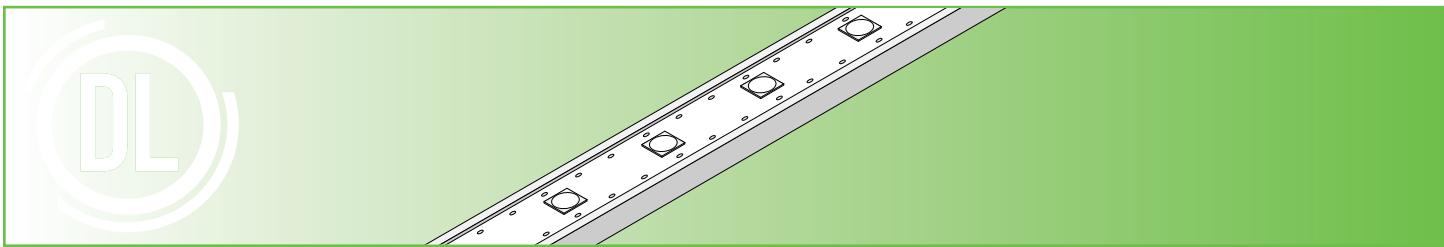
NOTES

**Definition of 40,000 hours: Voluntarily following the accepted industry standard of L70, Kichler rates the entire lighting fixture system at 40,000 hours; with engineered electronics that will last at least 40,000 hours, superior optical engineering, and finally utilizing a design that operates at the optimal temperature thresholds for the LED chips. The end result is a complete light fixture that does not require replacement parts and will provide 70% or more of its original light output for at least 40,000 hours. It has been proven that the human eye can hardly detect any difference in light output when light output is at 70% or above of its original output.



For Warranty Information,
please visit www.landscapelighting.com

We reserve the right to revise the design or components of any product due to parts availability or change in UL standards, without assuming any obligation or liability to modify any products previously manufactured, and without notice.


 Item # _____
 Project _____


| HLS - STANDARD | | HLSP - HD |
|-----------------------------|--|-----------------|
| Voltage/Wattage | 24v / 1.22W/ft. | 24v / 2.44W/ft. |
| Lumens² | 2700K | 113 Lm/ft. |
| | 3000K | 113 Lm/ft. |
| | 4000K | 122 Lm/ft. |
| | 6500K | 122 Lm/ft. |
| Max. Run² | 65 feet | 32 feet |
| Cut Points | 9.84 in | 6.88 in. |
| LED Chips | 8/foot | 12/foot |
| Color Temperature | 2700, 3000, 4000, 6500 | |
| CRI | 80+ | |
| Dimmable | Yes | |
| Field Cuttable | Yes | |
| Dimensions | 0.47 x 0.13 in. (W x H) (Strip Only), 0.60 x 0.50 in. (W x H) (w/ Endcap) | |
| Environment* | Outdoor / Wet Location / IP65 | |
| Certification | UL Listed 2388 | |
| Warranty | 5-Year Warranty | |

*WARNING: NOT FOR USE IN SUBMERSIBLE APPLICATIONS

FEATURES

- UL Listed 2388 certification allows for installations indoor, outdoor, and in wet locations (not submerged in water)
- Safe for chlorine treated installations.
- Resistant to direct sunlight and UV radiation

HYDROLUME® SLIM 24V LED Strip Light

SPECIFICATION SHEET

SKU BUILDER

| | | | | | | | | | | | |
|--------------|-------------------|---------------|--------------------------|------------------------------|------------------------|---|--|---|--|---|--|
| DI | - | 24V | - | | | - | | - | | - | |
| Voltage | Model | Color Temp | Length | Driver (Optional) | MOUNTING (Optional) | | | | | | |
| MODEL | COLOR TEMP | LENGTH | DRIVER | MOUNTING | | | | | | | |
| HLS | 27 | Length (in.) | CONSTANT VOLTAGE (CV) | MOUNTING BRACKET (MBR) | | | | | | | |
| HLSP | 30 | | ELECTRONIC (ELEC) | CHANNEL (CHN) | | | | | | | |
| | 40 | | MAGNETIC (MAG) | | | | | | | | |
| | 65 | | TRIAC (TRI) | | | | | | | | |
| | | | 0-10V (010) | | | | | | | | |
| | | | SWITCHEX (SWX) | | | | | | | | |
| | | | LUTRON (LUT) | | | | | | | | |

*Driver and Mounting selections are for specifying purposes only. Driver and mounting options must be purchased separately.

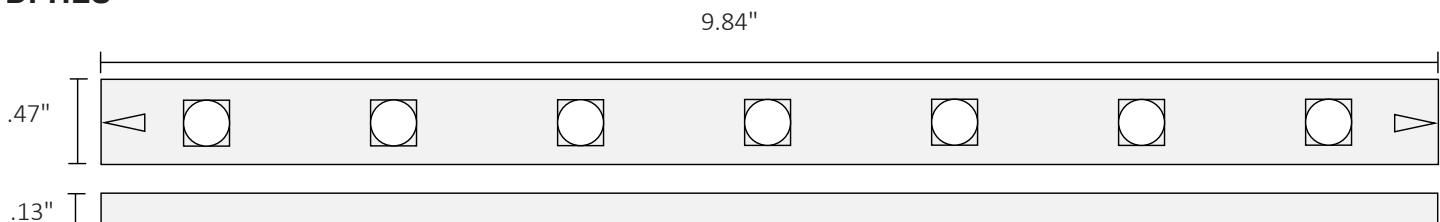
Example: DI-24V-HLSP30-384-ELEC-CHN = Diode, 24 Volt, HYDROLUME® SLIM HD, 3,000° CCT, 384 in. (32 feet), with Electronic Driver, and Mounting Channel

MECHANICAL DIAGRAMS

HYDROLUME® SLIM

Standard density Wet Location LED Strip Light. (Single Cut-Point shown)

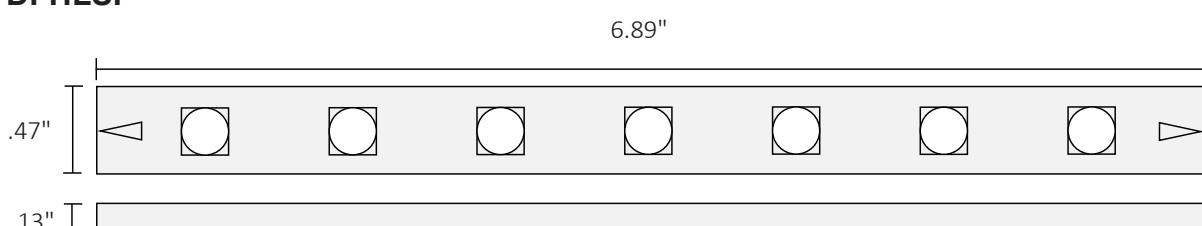
DI-HLS



HYDROLUME® SLIM - HD

High density Wet Location LED Strip Light. (Single Cut-Point shown)

DI-HLSP



HYDROLUME® SLIM 24V LED Strip Light

SPECIFICATION SHEET

LED DRIVERS (Required)

The following Listed LED Drivers are recommended for compatibility and to meet NEC code when installed according to specifications. For additional LED Driver options see Diode LED's product page at: <https://www.diodeled.com/products/led-power-supplies.html>

STAND ALONE

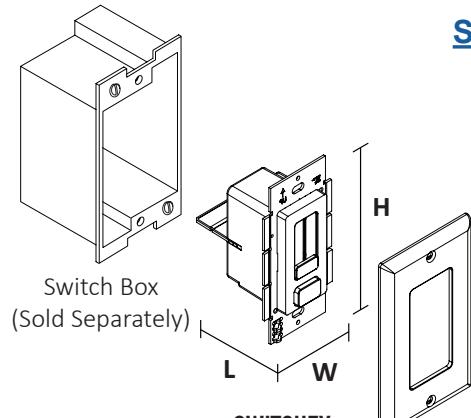
SWITCHEX® DRIVER + DIMMER SWITCH

SWITCHEX combines an LED driver and LED dimmer switch into a single integrated unit. Fits into standard switch boxes.

DI - 24V - SE - 60W

| SKU | L - LENGTH | W - WIDTH | H - HEIGHT |
|----------------|------------|-----------|------------|
| DI-24V-SE-60W | 1.40 in. | 2.10 in. | 4.10 in. |
| DI-24V-SE-100W | 1.40 in. | 2.10 in. | 4.10 in. |

Fits in Standard Switch Box



[SPEC SHEET](#)



ON/OFF, DMX, & PWM CONTROL

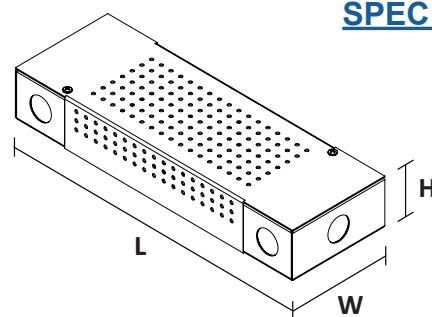
LO-PRO® JUNCTION BOX & DRIVER COMBO - 24V CONSTANT VOLTAGE LED DRIVER

Use Constant Voltage Drivers to power your lighting system. Compatible with Standard 120VAC On/Off Switches, REIGN® Low Voltage Dimmers, TOUCHDIAL™ Control System, DMX Decoders, and PWM Controls.

DI - 0970 - LPS

Junction Box

| SKU | L - LENGTH | W - WIDTH | H - HEIGHT |
|------------------------|------------|-----------|------------|
| DI-0970-LPS | 11.25 in. | 3.75 in. | 1.90 in. |
| DI-CV-MW24V60W-277-LPS | 11.25 in. | 3.75 in. | 1.90 in. |
| DI-CV-MW24V90W-277-LPS | 11.25 in. | 3.75 in. | 1.90 in. |
| DI-0954-LPL | 13.5 in. | 4.5 in. | 2.37 in. |



[SPEC SHEET](#)



HYDROLUME® SLIM 24V LED Strip Light

SPECIFICATION SHEET

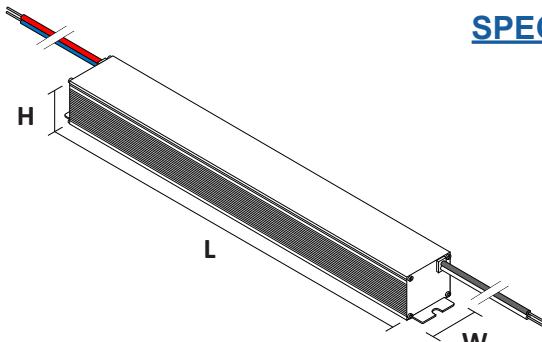
LED DRIVERS Cont. (Required)

ON/OFF, DMX, & PWM CONTROL (cont.)

VLM SERIES CONSTANT VOLTAGE DRIVER

Use Constant Voltage Drivers to power your low voltage tape light. Compatible with Standard 120VAC On/Off Switches, REIGN® 12-24V Low Voltage Dimmers, TOUCHDIAL™ Control System, DMX Decoders, and PWM Controls.

| | | | |
|---------|--|---|---------|
| VLM | | - | 24 |
| Wattage | | | Voltage |
| 60W | | | |
| 100W | | | |

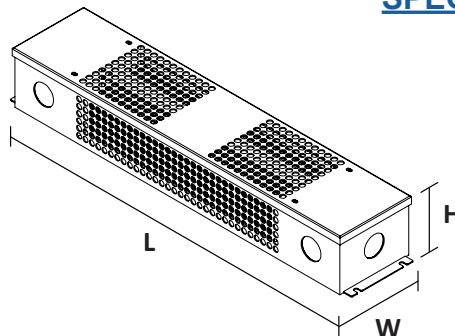
[SPEC SHEET](#)

| SKU | L - LENGTH | W - WIDTH | H - HEIGHT |
|------------|------------|-----------|------------|
| VLM60W-24 | 5.1 in. | .75 in. | .77 in. |
| VLM100W-24 | 5.38 in. | 1 in. | .77 in. |

OMNIDRIVE® 2 ELECTRONIC DIMMABLE LED DRIVER

OMNIDRIVE 2 features a zero minimum load and 100-5% dimming range. Compatible with Forward Phase and Reverse Phase Dimmers. Please see Diode LED's Compatibility List at: <https://www.diodeled.com/custom/download/productFile/filename/DI-OD2-Compatibility%20List.pdf>

| Voltage & Power Output | | | |
|------------------------|---|--------|---|
| DI | - | OD2 | - |
| | | 24V24W | |

[SPEC SHEET](#)

| SKU | L - LENGTH | W - WIDTH | H - HEIGHT |
|----------------|------------|-----------|------------|
| DI-OD2-24V24W | 13.75 in. | 3.00 in. | 1.60 in. |
| DI-OD2-24V60W | 13.75 in. | 3.00 in. | 1.60 in. |
| DI-OD2-24V96W | 15.00 in. | 3.10 in. | 2.40 in. |
| DI-OD2-24V120W | 15.00 in. | 3.10 in. | 2.40 in. |
| DI-OD2-24V200W | 16.10 in. | 3.40 in. | 2.40 in. |

HYDROLUME® SLIM 24V LED Strip Light

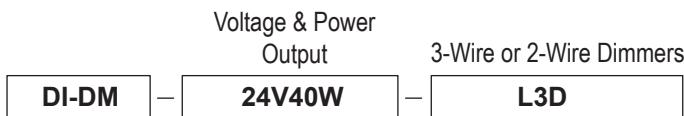
SPECIFICATION SHEET

LED DRIVERS (Required)

LUTRON OPTIONS

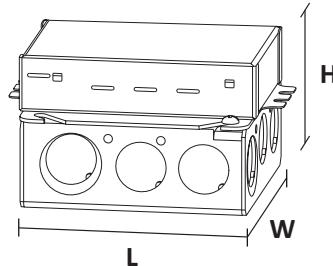
LUTRON. Hi-lume 1% LED DIMMABLE DRIVER

Hi-lume 1% LED Driver has a minimum load of 5W and dims from 100-1%.



SKU **L - LENGTH** **W - WIDTH** **H - HEIGHT**

DI-DM-24V40W-L3D 4.89 in. 4.00 in. 2.62 in.
DI-DM-24V40W-LTE



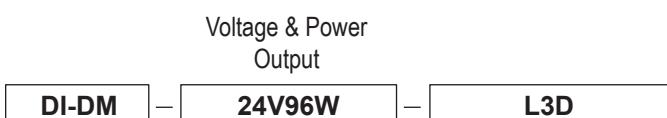
[L3D SPEC SHEET](#)

[LTE SPEC SHEET](#)



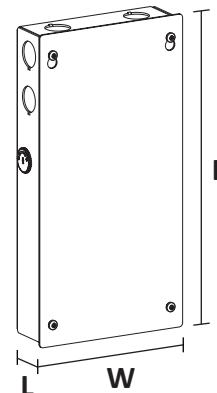
LUTRON. Hi-lume Premier 0.1% LED DIMMABLE DRIVER

Hi-Lume Premier 0.1% LED Driver has a minimum load of 5W and dims from 100-0.1%.



SKU **L - LENGTH** **W - WIDTH** **H - HEIGHT**

DI-DM-24V96W-L3D 5.50 in. 2.20 in. 10.50 in.



[SPEC SHEET](#)



0-10V

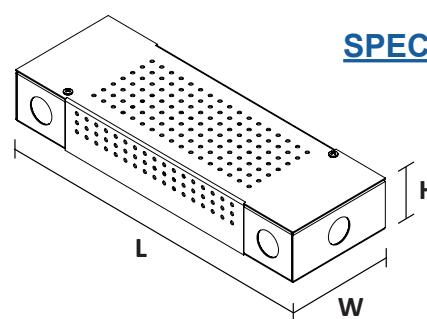
LO-PRO® JUNCTION BOX & DRIVER COMBO - 24V COMMERCIAL GRADE 0-10V LED DIMMABLE DRIVER

Compatible with 0-10V controls and dimming systems.



SKU **L - LENGTH** **W - WIDTH** **H - HEIGHT**

DI-DM-MW-24V60W-0-10V-LPS 11.25 in. 3.75 in. 1.90 in.
DI-DM-MW-24V90W-0-10V-LPL 13.5 in. 4.5 in. 2.37 in.



[SPEC SHEET](#)



HYDROLUME® SLIM 24V LED Strip Light

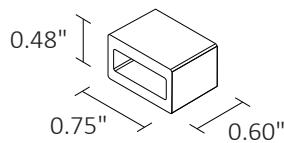
SPECIFICATION SHEET

ADDITIONAL ACCESSORIES CONT.

HYDROLUME® SLIM END CAP

Terminal end piece.

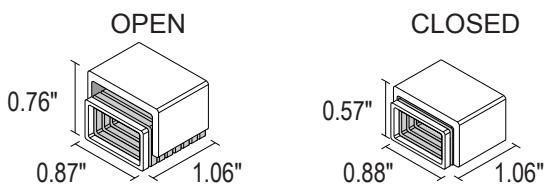
DI-HLS-EC



HYDROLUME® SLIM I-CONNECTOR

Connects two pieces of HYDROLUME® SLIM together.

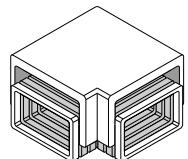
DI-HLS-IC



HYDROLUME® SLIM L-CONNECTOR

Connects two pieces of HYDROLUME® SLIM together.

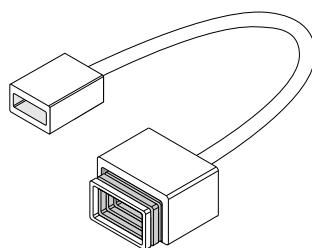
DI-HLS-LC



HYDROLUME® SLIM PS LINK CONNECTOR

Connects HYDROLUME® SLIM to a power supply. Refer to Installation Guide for further information.

DI-HLS-PWRC



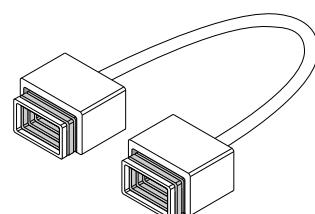
Wire Length: 6 in.

HYDROLUME® SLIM CABLE JUMPER

Creates a jumper between two pieces of HYDROLUME® SLIM Strip Light.

Length
DI-HLS-JP 4

| SKU | LENGTH |
|-------------|--------|
| DI-HLS-JP4 | 4 in. |
| DI-HLS-JP6 | 6 in. |
| DI-HLS-JP12 | 12 in. |
| DI-HLS-JP24 | 24 in. |

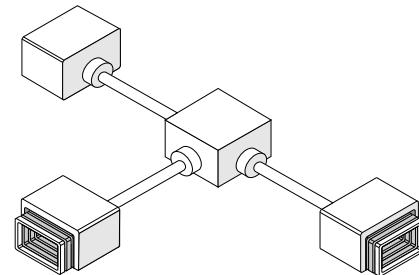


Wire Length: 4, 6, 12, or 24 in.

HYDROLUME® SLIM T-CONNECTOR

Connects three pieces of HYDROLUME® SLIM together.

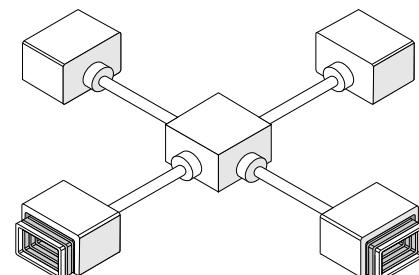
DI-HLS-TC



HYDROLUME® SLIM X-CONNECTOR

Connects four pieces of HYDROLUME® SLIM together.

DI-HLS-XC

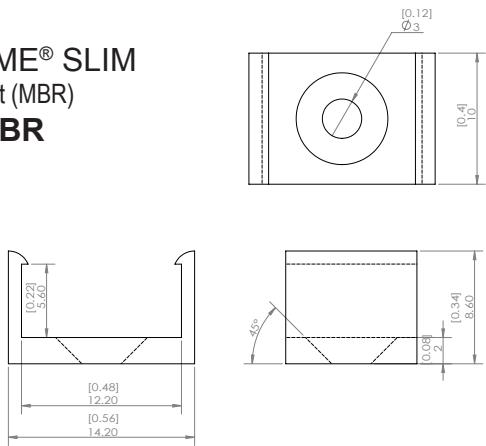


HYDROLUME® SLIM 24V LED Strip Light

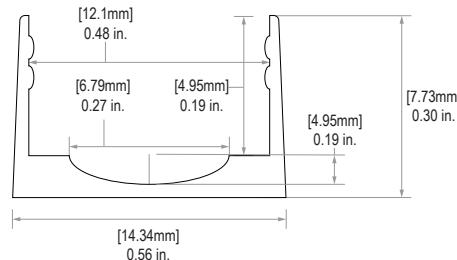
SPECIFICATION SHEET

ADDITIONAL ACCESSORIES (cont.)

HYDROLUME® SLIM
Mounting Bracket (MBR)
DI-HLS-MTBR



HYDROLUME® SLIM
Mounting Channel (CHN)
(Length: 39.4in.)
DI-HLS-MTCH



SPECIFICATIONS

- Input: 24VDC Constant Voltage
- LED Chip Type: 2835
- LED Chip Beam Angle: 120°
- Material: UV/IR protected TPU
- Luminous Efficacy⁴ (lm/w): 92~100
- Mounting (sold separately): Mounting Bracket, and Mounting Channel
- Connections: Various lengths from 4" - 24" Leads: 22/2 AWG
- Ambient Temp⁵: -4 - 122°F (-20 ~ 50°C)
- Operating Temp⁶: -4 - 176°F (-20 ~ 80°C)
- Flammability⁷: Flame retardant

COMPATIBLE DRIVERS

Additional information on compatible Drivers can be found on the Diode LED web site at: www.DiodeLED.com.

SPECIFYING?

Note: The compatible products listed in this Specification Sheet are provided for reference only. For complete specifications of compatible products, click on the [SPEC SHEET](#) links provided.

1. Requests for custom lengths of Strip Light will be cut to the nearest (lower) cut point. (Example: DI-24V-HLSP30-384-ELEC-CHN would be cut to 378 inches (ie. 31' 6")
2. Lumen value measured in accordance to IES LM-80-08. LED chips have a luminous flux range with a tolerance of +/- 5%.
3. Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.
4. Actual efficacy value is dependent to specified LED driver (power supply). An estimated efficacy value can be calculated as follows: Lumen value divided by average power consumption per foot.
5. Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.
6. Operating temperature is measured according to the minimum and maximum ambient temperature environment.
7. This product has been tested and passed glow-wire flammability tests (GWFI index) at 650°C/1200°F, providing an extra level of safety for common areas, hospitality, and areas of high risk fire.

HYDROLUME® SLIM 24V LED Strip Light

SPECIFICATION SHEET

COMPLIANCE & REGULATORY APPROVALS

Safety

- UL Listed 2388 Flexible Lighting Systems. Certified for United States and Canada. File # E470197.

Performance

- LED chip data measured in accordance to IES LM-80-08.
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Elemental LED's Innovation Lab.

ADDITIONAL INFORMATION

- HYDROLUME® SLIM LED STRIP LIGHT Installation Guide

SAFETY / WARNINGS / DISCLOSURES

- Install in accordance with national and local electrical code regulations.
- This product is intended to be installed and serviced by a qualified, licensed electrician.
- Only install with a listed Class 2 DC Constant Voltage LED Driver.
- Not for use in or on walls of pools, fountains, or other partially or fully submersed locations.
- Do not modify or disassemble product beyond instructions or this warranty will be void.
- Actual color may vary from what is pictured above and on other print materials due to the limitations of photographic processes.
- We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

WARRANTY

Limited Warranty

This product has a five (5) year limited warranty from the date of shipment. This warranty does not include the additional accessories referenced in this specification sheet. Complete warranty details for fixtures and additional accessories are available at www.diodeled.com/limited-warranty/ within the Policies section. For warranty related questions please contact product support.

Consumer's Acknowledgment

Elemental LED, Inc. stands behind its products when they are used properly and according to our specifications. By purchasing our products, the purchaser agrees and acknowledges that lighting design, configuration and installation is a complex process, wherein seemingly minor factors or changes in layout and infiel adjustments can have a significant impact on an entire system. Choosing the correct components is essential. Elemental LED is able to work with the original purchaser to make an appropriate product selection to the extent of the limited information that the customer can provide, but it is virtually impossible for Elemental LED to design a system that foresees every unknown factor. For this reason, this Warranty does not cover problems caused by improper design, configuration or installation issues. Any statement from an Elemental LED employee or agent regarding a customer's bill of goods and/or purchase order is NOT an acknowledgment that the products purchased are designed and configured correctly. The purchaser agrees and acknowledges that it is the customer's responsibility to adhere strictly to all information contained in the Product Specification Sheets.

There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect. Elemental LED strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Elemental LED products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Elemental LED product specifications can make the requisite decisions appropriate for a successful finished lighting application.



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Specifications are subject to change without notice.

Toll Free: 877.817.6028 | Fax: 415.592.1596 | www.DiodeLED.com | info@DiodeLED.com

L10- PRIMARY EXTERIOR LIGHT FIXTURE TYPE

HINKLEY & R.

HINKLEY LIGHTING, INC.
33000 PIN OAK PARKWAY | AVON LAKE, OHIO 44012
[PH] 330.653.5500 [F] 440.653.5555
HINKLEYLIGHTING.com | FREDRICKRAMOND.com

Medium Gooseneck Barn Light 10544TK



| | |
|---------------|------------------|
| ITEM NUMBER | 10544TK |
| BRAND | Hinkley Lighting |
| MATERIAL | Aluminum |
| HEIGHT | 17.0" |
| WIDTH | 12.0" |
| VOLTAGE | 120v |
| WATTAGE | 1-100w Med. |
| CERTIFICATION | C-US Wet Rated |
| EXTENSION | 24.0" |
| TOP TO OUTLET | 9.8" |
| BACK PLATE | 6" Dia. |

FEATURES AND BENEFITS

- Mounting hardware is hidden on the backplate to ensure a clean silhouette.
- Suitable for use in wet (interior direct splash and outdoor direct rain or sprinkler) locations as defined by NEC and CEC. Meets United States UL Underwriters Laboratories & CSA Canadian Standards Association Product Safety Standards
- Fixture is Dark Sky compliant and engineered to minimize light glare upward into the night sky.
- For complete warranty information visit ([hyperlink](#))
- 2 year finish warranty
- 12 year warranty on electrical wiring and components
- Classic lines and heritage details complement traditional architecture
- Striking black finish enhances design

FINISH

Textured Black with Brass accents

AT HINKLEY, WE EMBRACE THE DESIGN PHILOSOPHY THAT YOU CAN MERGE TOGETHER THE LIGHTING, FURNITURE, ART, COLORS AND ACCESSORIES YOU LOVE INTO A BEAUTIFUL ENVIRONMENT THAT DEFINES YOUR OWN PERSONAL STYLE. WE HOPE YOU WILL BE INSPIRED BY OUR COMMITMENT TO KEEP YOUR 'LIFE AGLOW.'

life AGLOW®

LED 3w 3000K Spot Light 1536SK-3W3K

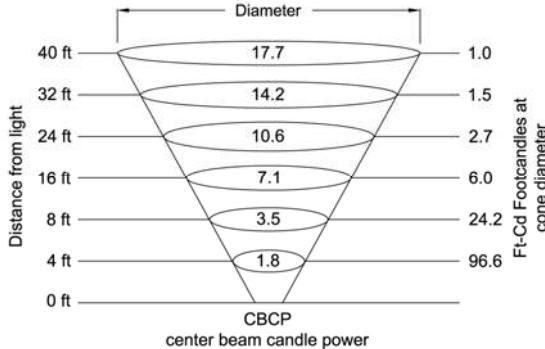


| | |
|-----------------------|--|
| ITEM NUMBER | 1536SK-3W3K |
| BRAND | Hinkley Lighting |
| MATERIAL | Cast Aluminum |
| GLASS | Clear Lens |
| HEIGHT | 3.3" |
| WIDTH | 2.5" |
| LED COLOR TEMP | 3000.0000 |
| VOLTAGE | 12v |
| LED LUMENS | 260 |
| WATTAGE | 1-3w LED *Included |
| CERTIFICATION | C-US Wet Rated |
| FEATURES AND BENEFITS | <ul style="list-style-type: none"> • A wiring kit and ground spike is supplied. • Suitable for use in wet (interior direct splash and outdoor direct rain or sprinkler) locations as defined by NEC and CEC. Meets United States UL Underwriters Laboratories & CSA Canadian Standards Association Product Safety Standards • Photometrics based off engine photometrics. • Incorporates CREE LEDs with application performance tested by CREE • Three lens options included offer versatility in beam spread via an easy to remove and insert optic assembly. • Optional performance lenses available • For complete warranty information visit (hyperlink) • LumaCore Lifetime warranty • Striking black finish enhances design |
| LENGTH | 5.8 |
| FINISH | Satin Black |

AT HINKLEY, WE EMBRACE THE DESIGN PHILOSOPHY THAT YOU CAN MERGE TOGETHER THE LIGHTING, FURNITURE, ART, COLORS AND ACCESSORIES YOU LOVE INTO A BEAUTIFUL ENVIRONMENT THAT DEFINES YOUR OWN PERSONAL STYLE. WE HOPE YOU WILL BE INSPIRED BY OUR COMMITMENT TO KEEP YOUR 'LIFE AGLOW.'

life AGLOW®

1536BZ / MZ LED Spotlight



| | 1536xx-3WLEDSP | | 1536xx-3WLEDMD | | 1536xx-3WLEDFL | |
|----------|----------------|----------|----------------|----------|----------------|----------|
| | 3W Spot | | 3W Medium | | 3W Flood | |
| Lumens | 239 | | 249 | | 255 | |
| CBCP | 1546 | | 838 | | 541 | |
| Distance | Ft-Cd | Diameter | Ft-Cd | Diameter | Ft-Cd | Diameter |
| 4 | 96.6 | 1.8 | 52.4 | 3.1 | 33.8 | 4.6 |
| 8 | 24.2 | 3.5 | 13.1 | 6.1 | 8.5 | 9.2 |
| 16 | 6.0 | 7.1 | 3.3 | 12.3 | 2.1 | 18.5 |
| 24 | 2.7 | 10.6 | 1.5 | 18.4 | 0.9 | 27.7 |
| 32 | 1.5 | 14.2 | 0.8 | 24.6 | 0.5 | 36.9 |
| 40 | 1.0 | 17.7 | 0.5 | 30.7 | 0.3 | 46.2 |

| | 1536xx-5WLEDSP | | 1536xx-5WLEDMD | | 1536xx-5WLEDFL | |
|----------|----------------|----------|----------------|----------|----------------|----------|
| | 5W Spot | | 5W Medium | | 5W Flood | |
| Lumens | 356 | | 378 | | 385 | |
| CBCP | 2304 | | 1276 | | 817 | |
| Distance | Ft-Cd | Diameter | Ft-Cd | Diameter | Ft-Cd | Diameter |
| 4 | 144.0 | 1.8 | 79.8 | 3.1 | 51.1 | 4.6 |
| 8 | 36.0 | 3.5 | 19.9 | 6.1 | 12.8 | 9.2 |
| 16 | 9.0 | 7.1 | 5.0 | 12.3 | 3.2 | 18.5 |
| 24 | 4.0 | 10.6 | 2.2 | 18.4 | 1.4 | 27.7 |
| 32 | 2.3 | 14.2 | 1.2 | 24.6 | 0.8 | 36.9 |
| 40 | 1.4 | 17.7 | 0.8 | 30.7 | 0.5 | 46.2 |

| | 1536xx-8WLEDSP | | 1536xx-8WLEDMD | | 1536xx-8WLEDFL | |
|----------|----------------|----------|----------------|----------|----------------|----------|
| | 8W Spot | | 8W Medium | | 8W Flood | |
| Lumens | 468 | | 493 | | 502 | |
| CBCP | 3023 | | 1658 | | 1066 | |
| Distance | Ft-Cd | Diameter | Ft-Cd | Diameter | Ft-Cd | Diameter |
| 4 | 188.9 | 1.8 | 103.6 | 3.1 | 66.6 | 4.6 |
| 8 | 47.2 | 3.5 | 25.9 | 6.1 | 16.7 | 9.2 |
| 16 | 11.8 | 7.1 | 6.5 | 12.3 | 4.2 | 18.5 |
| 24 | 5.2 | 10.6 | 2.9 | 18.4 | 1.9 | 27.7 |
| 32 | 3.0 | 14.2 | 1.6 | 24.6 | 1.0 | 36.9 |
| 40 | 1.9 | 17.7 | 1.0 | 30.7 | 0.7 | 46.2 |

LED 12w 3000K Flat Top Well Light 15702BZ-12W3K



| | |
|-----------------------|--|
| ITEM NUMBER | 15702BZ-12W3K |
| BRAND | Hinkley Lighting |
| MATERIAL | Aluminum |
| GLASS | Clear Lens |
| HEIGHT | 4.0" |
| WIDTH | 4.5" |
| LED COLOR TEMP | 3000.0000 |
| VOLTAGE | 12v |
| LED LUMENS | 749 |
| WATTAGE | 1-12w LED *Included |
| CERTIFICATION | C-US Wet Rated |
| FEATURES AND BENEFITS | <ul style="list-style-type: none">• Suitable for use in wet (interior direct splash and outdoor direct rain or sprinkler) locations as defined by NEC and CEC. Meets United States UL Underwriters Laboratories & CSA Canadian Standards Association Product Safety Standards• Photometrics based off engine photometrics.• Incorporates CREE LEDs with application performance tested by CREE• Three lens options included offer versatility in beam spread via an easy to remove and insert optic assembly.• Lamp adjustable +/- 20 degrees• Optimal drive-over protection up to 4,500 lbs• PVC constructed concrete pour kit and burial sleeve is supplied.• Includes a dense foam cap to prevent concrete from entering• Optional Hex Louver lens available (0037HL)• For complete warranty information visit (hyperlink)• LumaCore Lifetime warranty• Bold and robust dark bronze finish |
| FINISH | Bronze |

life AGLOW®