



URBAN DESIGN COMMISSION APPLICATION CITY OF MADISON

This form may also be completed online at:

<http://www.cityofmadison.com/planning/documents/UDCapplication.pdf>

215 Martin Luther King Jr. Blvd; Room LL-100
PO Box 2985; Madison, Wisconsin 53701-2985
Phone: 608.266.4635 | Facsimile: 608.267.8739

Please complete all sections of the application, including the desired meeting date and the type of action requested.

Date Submitted: <u>April 5, 2017</u>	<input type="checkbox"/> Informational Presentation
UDC Meeting Date: <u>April 26, 2017</u>	<input type="checkbox"/> Initial Approval
Combined Schedule Plan Commission Date (if applicable): _____	<input checked="" type="checkbox"/> Final Approval

1. Project Address: 303 North Lawn, Madison, WI 53704
Project Title (if any): Car-X

2. This is an application for (Check all that apply to this UDC application):

☐ New Development ☐ Alteration to an Existing or Previously-Approved Development

A. Project Type:

- ☒ Project in an Urban Design District* (public hearing-\$300 fee)
☐ Project in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) (\$150 fee, Minor Exterior Alterations)
☐ Suburban Employment Center (SEC) or 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 Planned Residential Complex

B. Signage:

- ☐ Comprehensive Design Review* (public hearing-\$300 fee) ☐ Street Graphics Variance* (public hearing-\$300 fee)
☐ Signage Exception(s) in an Urban Design District (public hearing-\$300 fee)

C. Other:

☐ Please specify: _____

3. Applicant, Agent & Property Owner Information:

Applicant Name: John Seamon
Street Address: 901 Deming Way
Telephone: (608) 664-3550 Fax: (____) _____

Company: Iconica
City/State: Madison, WI Zip: 53717
Email: John.Seamon@iconicacreates.com

Project Contact Person: same as above
Street Address: _____
Telephone: (____) _____ Fax: (____) _____

Company: _____
City/State: _____ Zip: _____
Email: _____

Project Owner (if not applicant): Jeff Benstien
Street Address: 1032 East Washington
Telephone: (608) 271-2279 Fax: (____) _____

City/State: Madison, WI 53703 Zip: _____
Email: _____

4. Applicant Declarations:

A. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with UDC; A. Martin; J. Vaughn; Jenny K. on 9.29.2016; 11.08.2016; 2.23.2017; 3.08.2017
(name of staff person) (date of meeting)

B. 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 John Seamon

Relationship to Property Consultant

Authorized Signature 

Date April 5, 2017



April 5, 2017

Via Email and Hand Delivery

Plan Commission and Urban Design Commission
City of Madison
126 South Hamilton Street
Madison, WI 53703

**Re: Letter of Intent for Proposed Development
Conditional Use for Auto Repair Shop – 303 North lawn Ave.
Formerly, 2802 East Johnson Street**

Dear Commission Members:

On behalf of Mad Properties, LLC and Mad Mufflers, Inc. (d/b/a Car-X Tire & Auto) and owner Jeff Bernstein, I am pleased to submit the enclosed materials for Conditional Use approval for an Auto Repair Shop for the property located at 303 North lawn Ave., formerly 2802 East Johnson Street, located in Urban Design District #5. The proposal includes a request to demolish the existing commercial building on the property and construct a two-story Car-X Tire & Auto business with 4,100 square feet of customer and garage space, 800 square feet of second story space, 9 parking spaces and 4 bike stalls.

Project Summary

The Bernstein family operates two Car-X Tire & Auto locations in the City of Madison, at 1032 East Washington Avenue and 5633 Odana Road. The East Washington location was the first Car-X franchise location in the country, opened in 1972. Due to the redevelopment of the 1000 North Block of East Washington Avenue for the Stone House Development affordable housing project and other uses, the Bernstein family decided to relocate the business from the existing site to a new location within the East Washington corridor.

The East Washington location employs between 5-6 full-time employees and 2-3 part-time employees. The current employees have been with the business for an average of 12 years. The business operates as a full-service auto repair shop, open six days per week. The business currently services an average of 8.6 cars per day and generates approximately 2-3 cars per hour either entering or leaving the business.

To accommodate the relocation of the existing East Washington location, the Bernstein family proposes to acquire the existing property at 2802 East Johnson Street (which has been vacant for the past five years), demolish the existing commercial building, and construct a new high-quality auto repair building with eight service bays and a customer lounge and reception area.

Existing Site Conditions

The existing site is located at 2802 East Johnson Street in the City of Madison (PIN 0710-0520-6208), constituting 0.33 acres (14,370 sq. ft.) near the intersection of East Johnson Street, East Washington Avenue, and North Lawn Avenue. The property is currently owned by Gregg and Pat Schepp, subject to an offer to purchase by Mad Properties, LLC.

The property is bounded by North Lawn Avenue to the west, East Johnson Street to the southwest, East Washington Avenue to the southeast, a private residence at 2812 East Johnson Street to the immediate east, and the building and parking lot for Ella's Deli at 2902 East Washington Avenue to the east and north. The applicant has met with and received support for the proposed plan from the owners of Ella's Deli.

The site is part of the CC-T Commercial Corridor-Transitional District. The site currently contains one structure with a total gross floor area of approximately 4,000 sq. ft., approximately 10 outdoor paved parking spaces, and landscaped areas.

Access to the site is provided by two access driveways on North Lawn Avenue, with access to East Johnson Street and East Washington Avenue through controlled intersections. A Madison Metro bus stop for lines 4, 6 and 25 is located within walking distance of the property adjacent to East Washington Avenue.

Project Layout

The proposal would demolish the existing building and construct a new building with a total gross floor area of approximately 4,100 sq. ft. with two stories above grade with a total height of approximately 24 feet. The existing parking and landscape areas would be reconfigured with 9 automobile parking spaces and 4 bike parking spaces.

The proposal would improve existing traffic flow to and around the site by removing the existing driveway at the southwest corner of the site near the intersection of North Lawn Avenue and East Johnson Street. The site would continue to be served by the existing driveway at the northwest corner of the site. Removing the southwest driveway is intended to improve traffic flow and pedestrian and cyclist safety near the intersection.

The architectural design will use high-quality, durable materials featuring a primarily brick, traditional style. The primary materials are brick, cast stone, glass, and aluminum.

The proposal is consistent with the City of Madison Comprehensive Plan, which identifies the site for General Commercial use. The proposal is also consistent with the Emerson East-Eken Park-Yahara Neighborhood Plan, which identifies this site for General Commercial use. The neighborhood plan encourages improvements such as this to the Eken Park Neighborhood Gateway and East Johnson Street Commercial Corridor through the use of iconic design elements from the neighborhood to provide a more cohesive and identifiable appearance, and through pedestrian and cyclist safety improvements.

Project Objectives and Benefits

Consistent with the purpose and standards for the Commercial Corridor-Transitional District, the Project will benefit the City of Madison in the following ways:

- Improve the quality of landscaping, site design and urban design in the East Washington corridor by replacing a vacant, aging commercial building with a high-quality commercial building with a reputable, locally owned and operated business.
- Maintaining the viability of existing residential uses adjacent to the corridor by providing additional full-time and part-time employment opportunities in the neighborhood.
- Encouraging appropriate transitions between commercial and residential areas by constructing a lower-density commercial use with daytime hours of operation that are compatible with residential uses.
- Facilitating redevelopment and revitalization of the East Washington corridor consistent with the Comprehensive Plan and the Emerson East-Eken Park-Yahara Neighborhood Plan.
- Improving vehicular, bicycle and pedestrian access to and circulation around the site by eliminating one existing access driveway near an intersection and maintaining one existing access driveway further away from the intersection.

Project Data

<u>Location:</u>	2802 East Johnson Street
<u>Building Sq. Ft.:</u>	4,100 sq. ft.
<u>Start Construction:</u>	Approximately March 2017
<u>Complete Construction:</u>	Approximately July 2017
<u>Type of Building:</u>	Commercial
<u>Land Area:</u>	0.33 acres (14,370 sq. ft.)
<u>Vehicle Parking:</u>	Approximately 9 vehicle parking spaces
<u>Bicycle Parking:</u>	Approximately 4 bicycle spaces
<u>Site Access:</u>	North Lawn Avenue
<u>Impervious Area:</u>	11,511 sq. ft. (80%)
<u>Pervious Area:</u>	2,859 sq. ft. (20%)
<u>Hours of Operation:</u>	Approximately 7:30 a.m.-6:00 p.m. Monday through Friday / 8:00 a.m.-4:00 p.m. Saturday

Project Financial Information

Value of Land: The land is currently assessed at \$138,900 and improvements at \$285,200 for a total assessed value of \$424,100.

Estimated Project Cost: \$604,000.

Number of Construction & Full-time Equivalent Jobs: 5 construction jobs and 9 full-time equivalent jobs.

Public Subsidy Requested: None.

Urban Design District #5 Standards

The proposal complies with the requirements and guidelines of Urban Design District #5 through the following design elements:

1. Public Rights of Way. Public rights-of-way will be landscaped with appropriate trees and shrubs to achieve visual continuity between the adjacent transportation corridor and residential transition area. The proposal includes landscape elements compatible with the adjacent city-owned property serving as the gateway to the Eken Park Neighborhood.
2. Off-Street Parking and Loading Areas. The parking lot landscape plan has been developed in accordance with parking lot landscaping requirements. Parking areas are located at the rear of the building and landscaped areas are used to buffer and screen parking areas from sidewalks and adjacent properties. Parking and loading areas have been integrated into the overall site development.
3. Signs. The proposal includes two building signs located on the façade of the building and integrated with the architecture of the building. The signs identify the business, are appropriate for the type of activity and clientele served by the business, and are designed to be legible to the intended viewer. No signs cover or impinge upon landscape features or significant structures.
4. Building Design. Exterior materials are primarily durable, low-maintenance materials that are harmonious with other commercial buildings in the area. All building elevations have been carefully designed to maintain a high-quality appearance on all four sides of the building. The building uses high-quality, durable garage entry doors that are compatible in appearance with other building elements.
5. Lighting. Exterior lighting is used only to illuminate building facades, pedestrian walks, and parking and service areas. Lighting is adequate but not excessive. Security lighting provides necessary levels of illumination without reflecting direct rays of light onto adjacent property.
6. Landscaping. Landscaping elements are used throughout the site to soften building corners, screen parking and service areas, improve visual flow between the property and adjacent properties, and complement the architecture of the building.

Project Team

Owner:
Mad Properties, LLC
1032 East Washington Avenue
Madison, WI 53703
Contact: Jeff Bernstein
608-271-2279
jeff@carxauto.com

Architect:
Iconica
901 Deming Way
Madison, WI 53717
Contact: John Seamon
608-664-3535
john.seamon@iconicacreatives.com

Building Engineer:
Iconica
901 Deming Way
Madison, WI 53717
Contact: Patrick Eagan
608-664-3535
patrick.eagan@iconicacreatives.com

Civil Engineer:
Ayres Associates
Katie MacDonald, PE
608.441.3591
MacDonaldK@AyresAssociates.com

Landscape Architect:
Paul Skidmore, ASLA
13 Red Maple Trail
Madison, WI 53717
(608) 826 0032

We look forward to presenting these materials to you and seeking your approval of this proposal to revitalize and enhance this site.

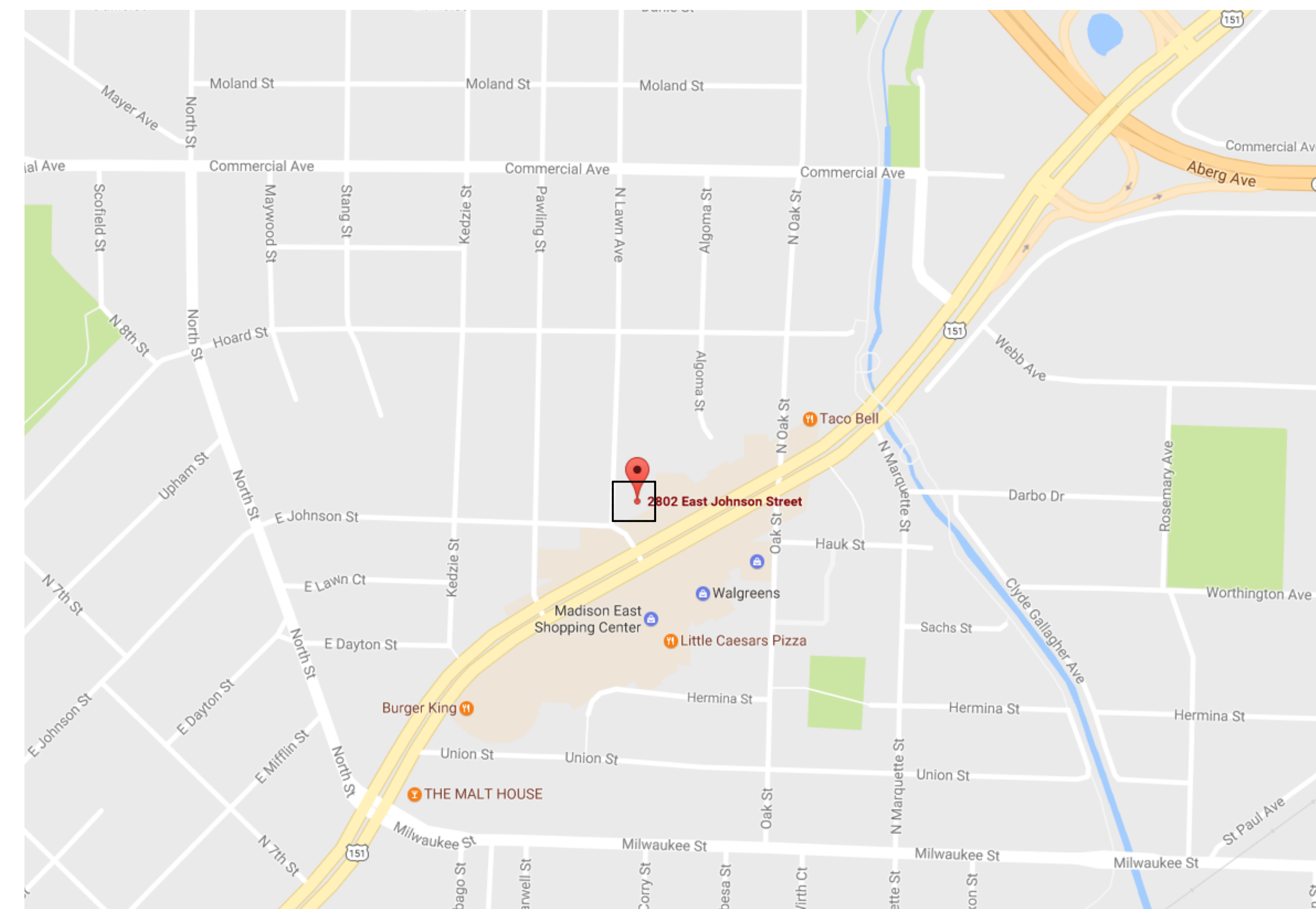
Sincerely,



John Seamon
Architectural Director
Iconica

CAR-X AUTO SERVICE CENTER

303 NORTH LAWN AVE.



2
T100

EXISTING SITE

3
T100

LOCATOR MAP



1 EXISTING CONDITIONS - SE. VIEW FROM SITE



2 EXISTING CONDITIONS - VIEW EAST FROM SITE



3 EXISTING CONDITIONS - VIEW NORTH UP N. LAWN AVE.



4 EXISTING CONDITIONS - VIEW SE



7 EXISTING CONDITIONS - VIEW NORTH



6 EXISTING CONDITIONS - LOOKING SOUTHEAST TOWARDS THE SITE



901 Deming Way // Madison, WI 53717Ph:
608.664.3500 // Fx:
608.664.3535iconiccreates.com

CAR-X

CAR-X
1003 NORTH LAWN AVE.
MADISON, WI 53704

Mad Properties, LLC
1032 East Washington Avenue
Madison, WI 53703

ISSUE DATES:

RFI/SI DATE:

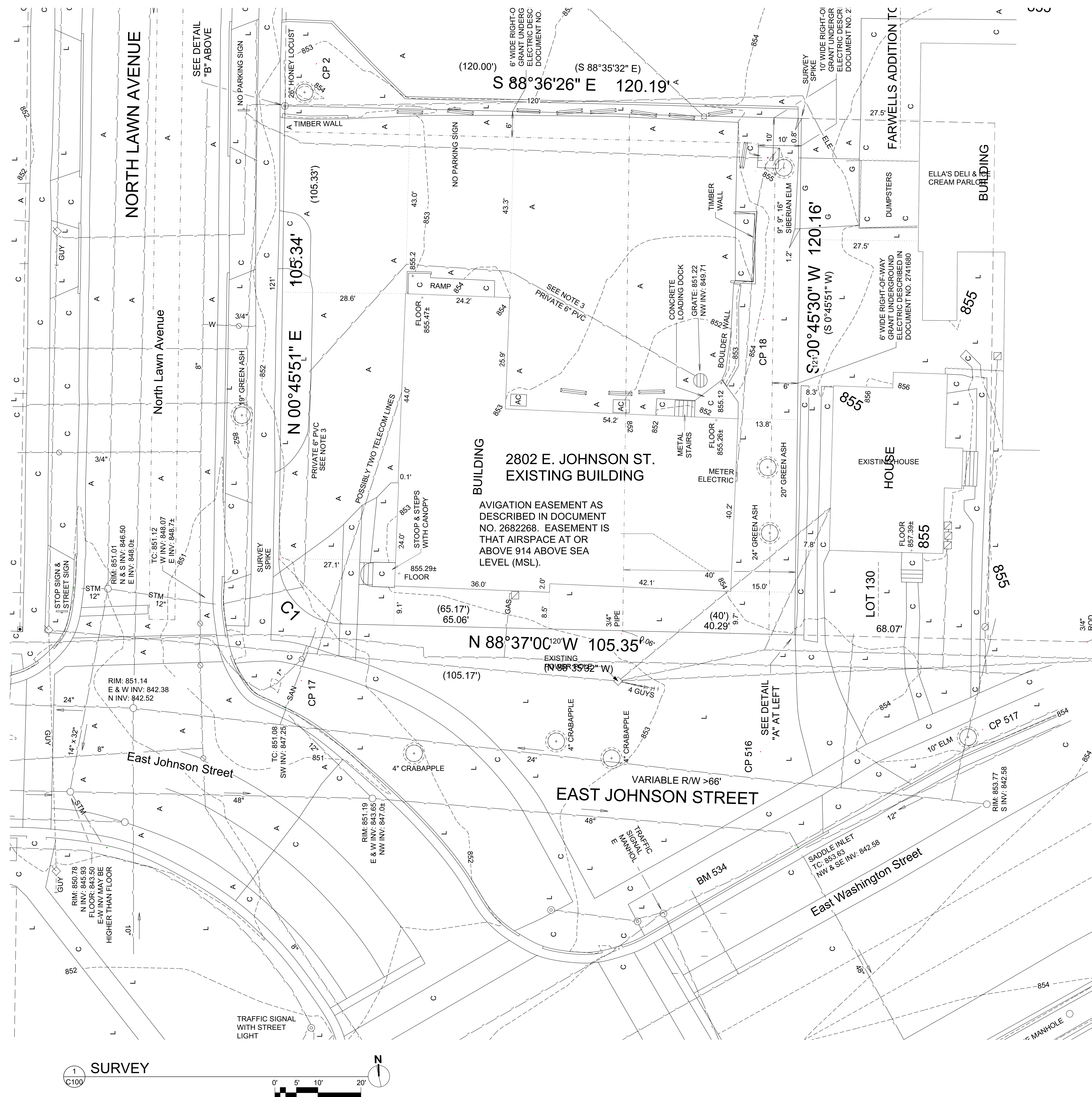
This document contains confidential or proprietary information of Iconica. Neither the document nor the information herein is to be reproduced, distributed, used or disclosed, either in whole or in part, except as specifically authorized by Iconica.

PROJECT #: 20160840

PROJECT NO. 20100010	SHEET NUMBER
----------------------	--------------

C100

© 2016 Iconica, Inc.





901 Deming Way // Madison, WI 53717Ph:
608.664.3500 // Fx:
608.664.3535iconiccreates.com

CAR-X
303 NORTH LAWN AVE

Mad Properties, LLC
1032 East Washington Avenue
Madison, WI 53703

ISSUE DATES:

RFI/SI DATE:

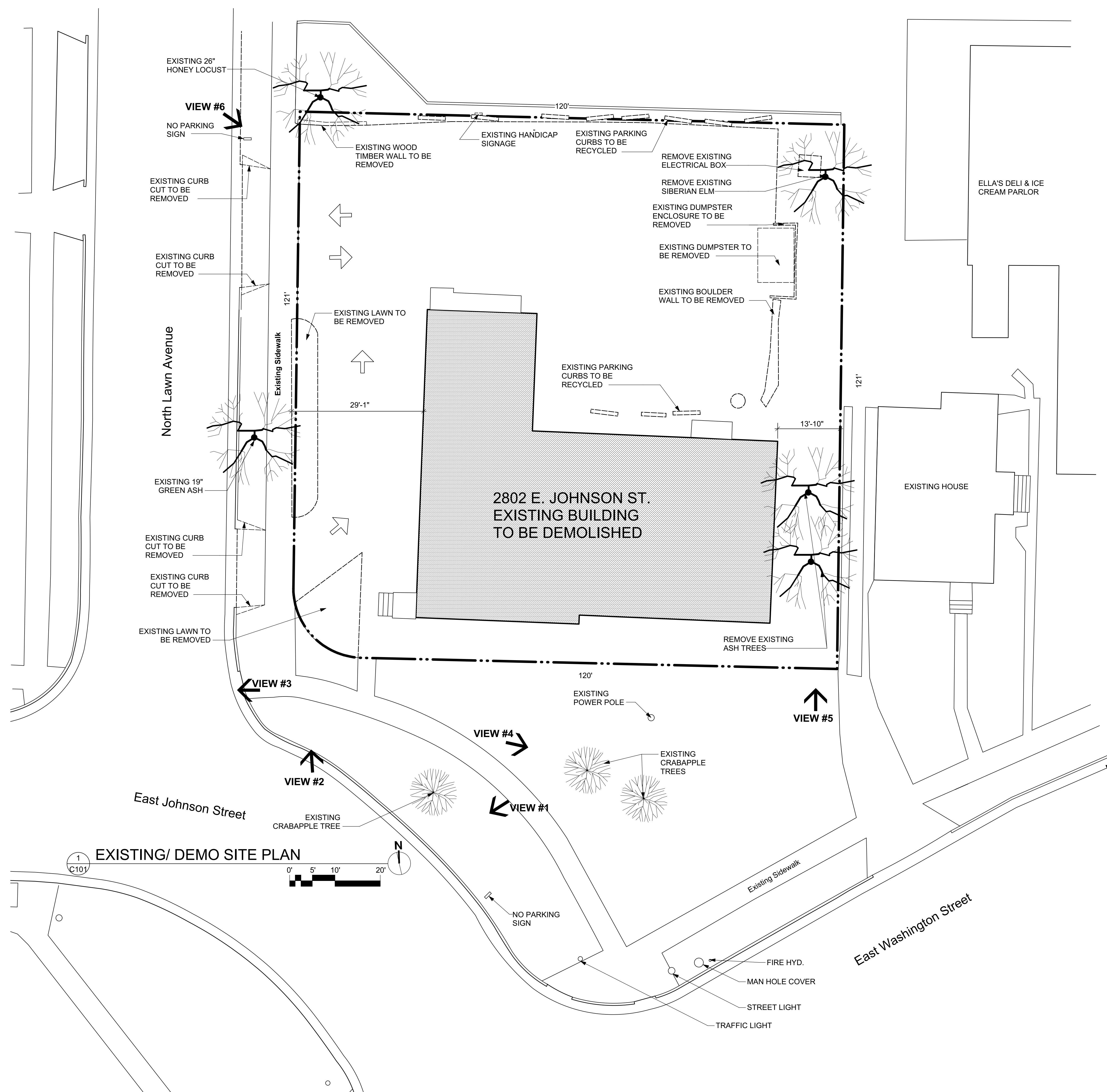
This document contains confidential or proprietary information of Iconica. Neither the document nor the information herein is to be reproduced, distributed, used or disclosed, either in whole or in part, except as specifically authorized by Iconica.

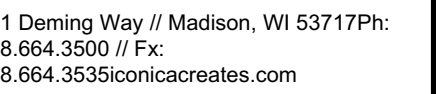
PROJECT #: 20160840

SHEET NUMBER

C101

© 2016 Ionica Ion





CAR-X
303 NORTH LAWN AVE.
MADISO, WI 53704

Mad Properties, LLC
1032 East Washington Avenue
Madison, WI 53703

ISSUE DATES:

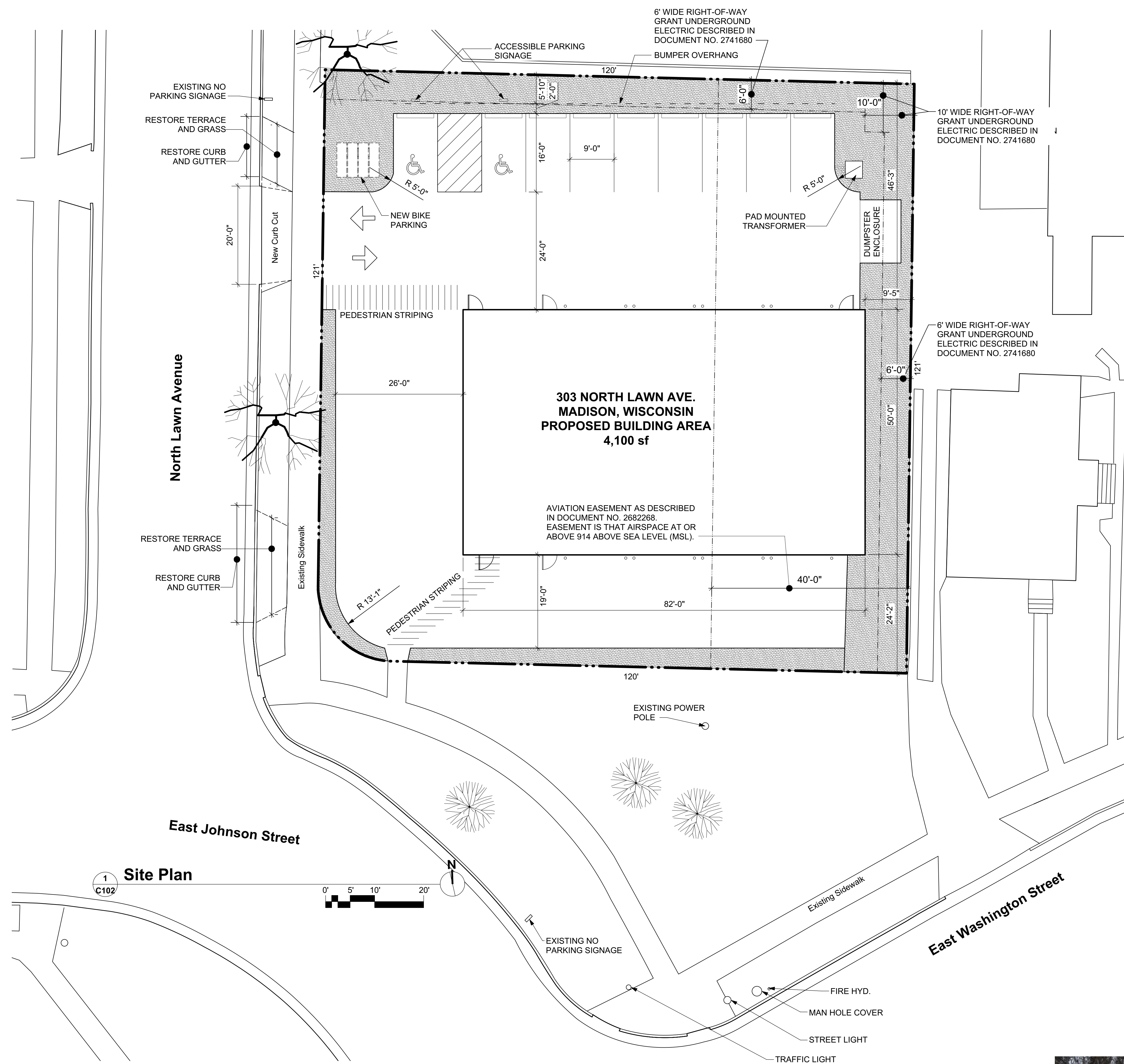
[illegible]

This document contains confidential or proprietary information of Iconica. Neither the document nor the information herein is to be reproduced, distributed, used or disclosed, either in whole or in part, except as specifically authorized by Iconica.

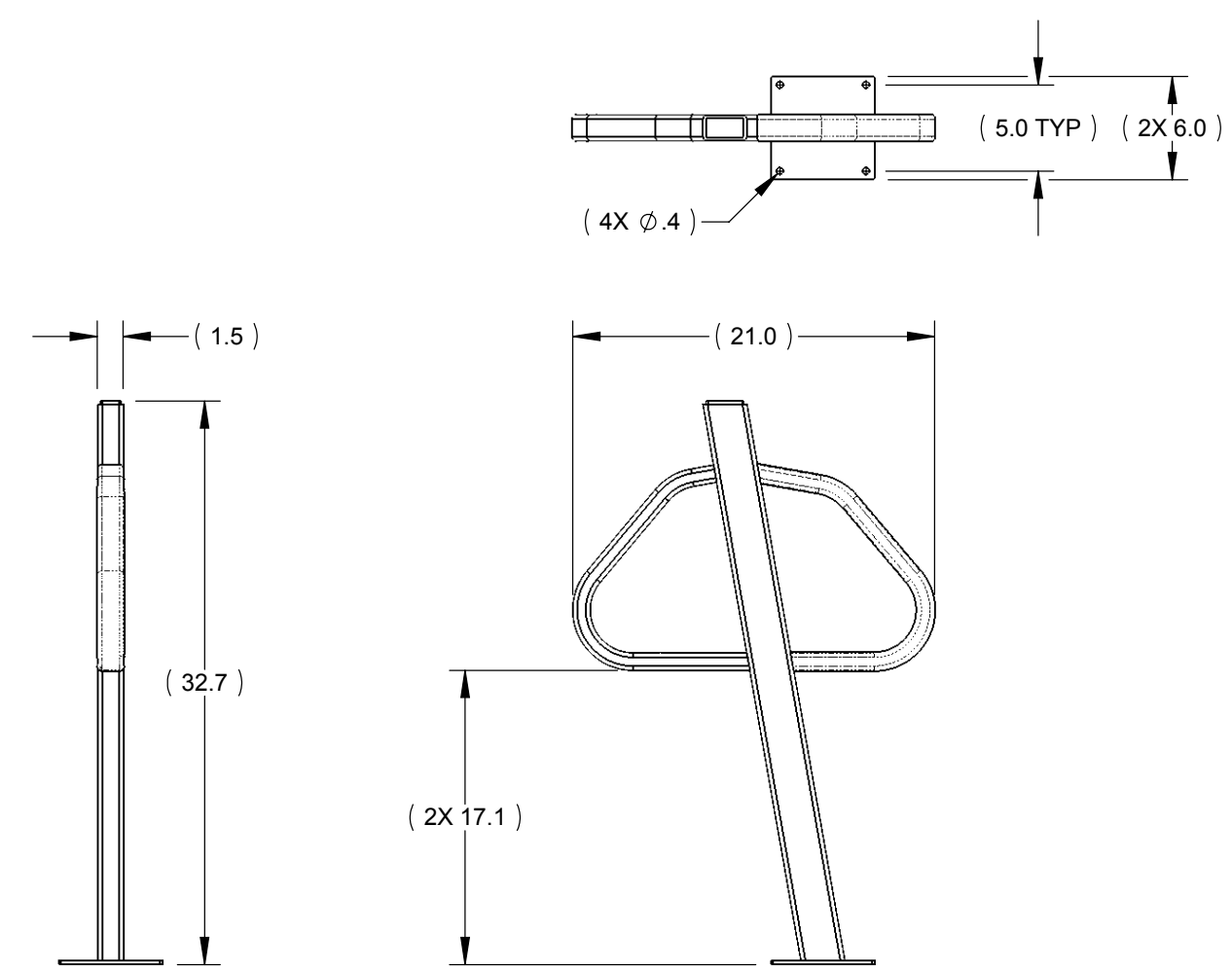
PROJECT #: 20160840
SHEET NUMBER

C102

© 2016 Iconica, Inc.



3 ANY PAVEMENT WITH DAMAGE ON E. JOHNSON ST AND N. LAWN AVE, ADJACENT TO 303 N. LAWN AVE. SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA.

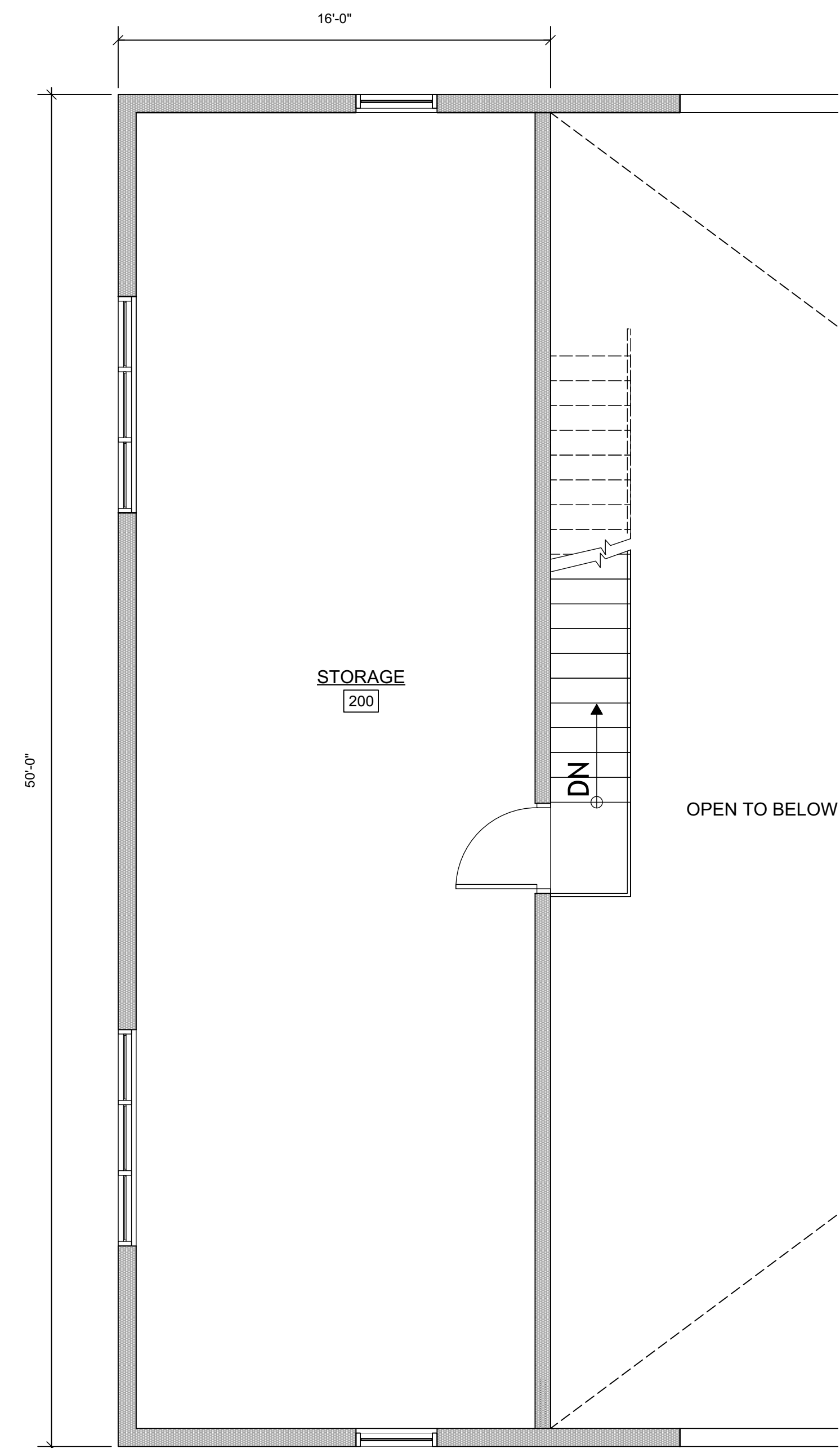
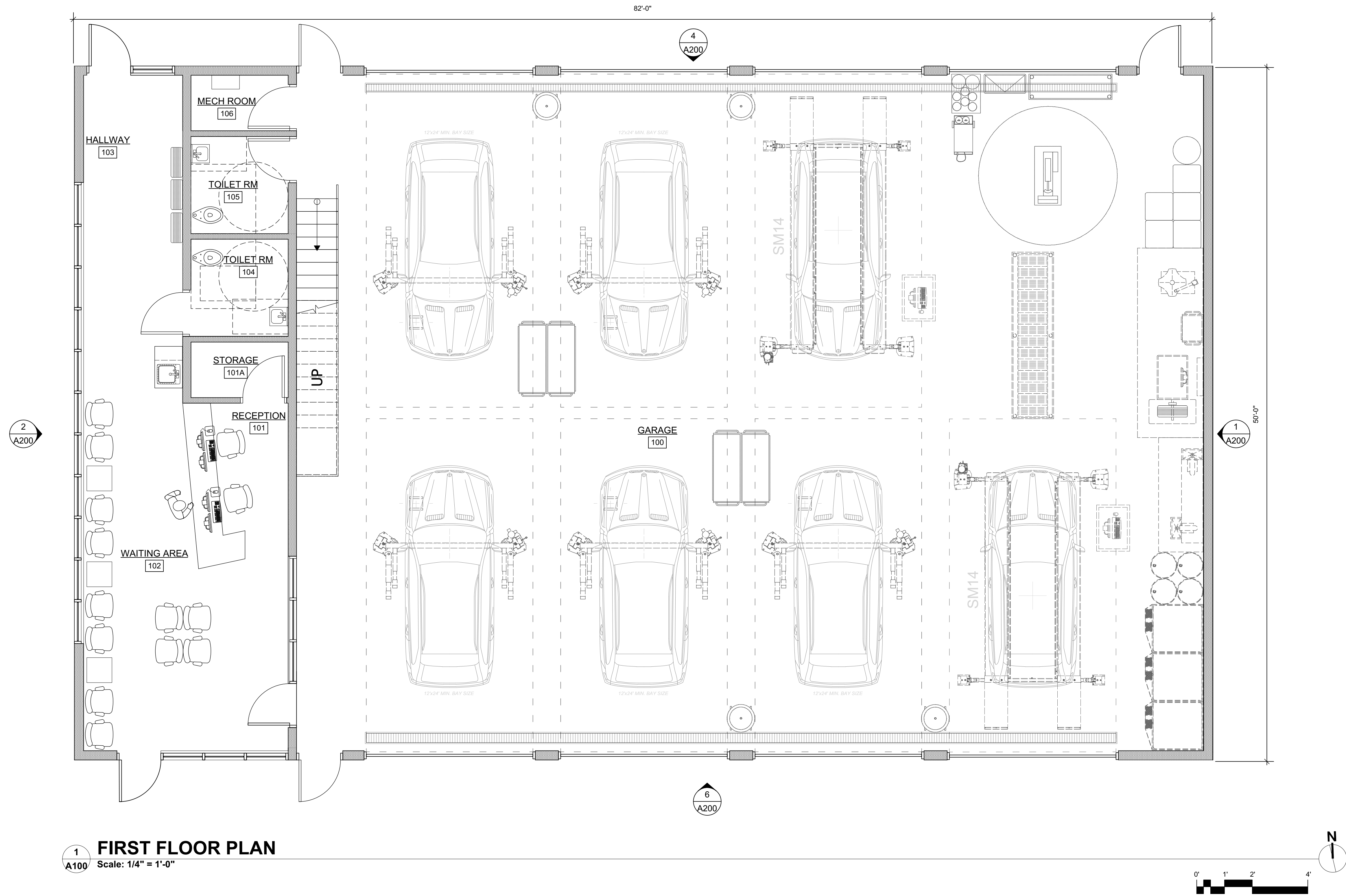


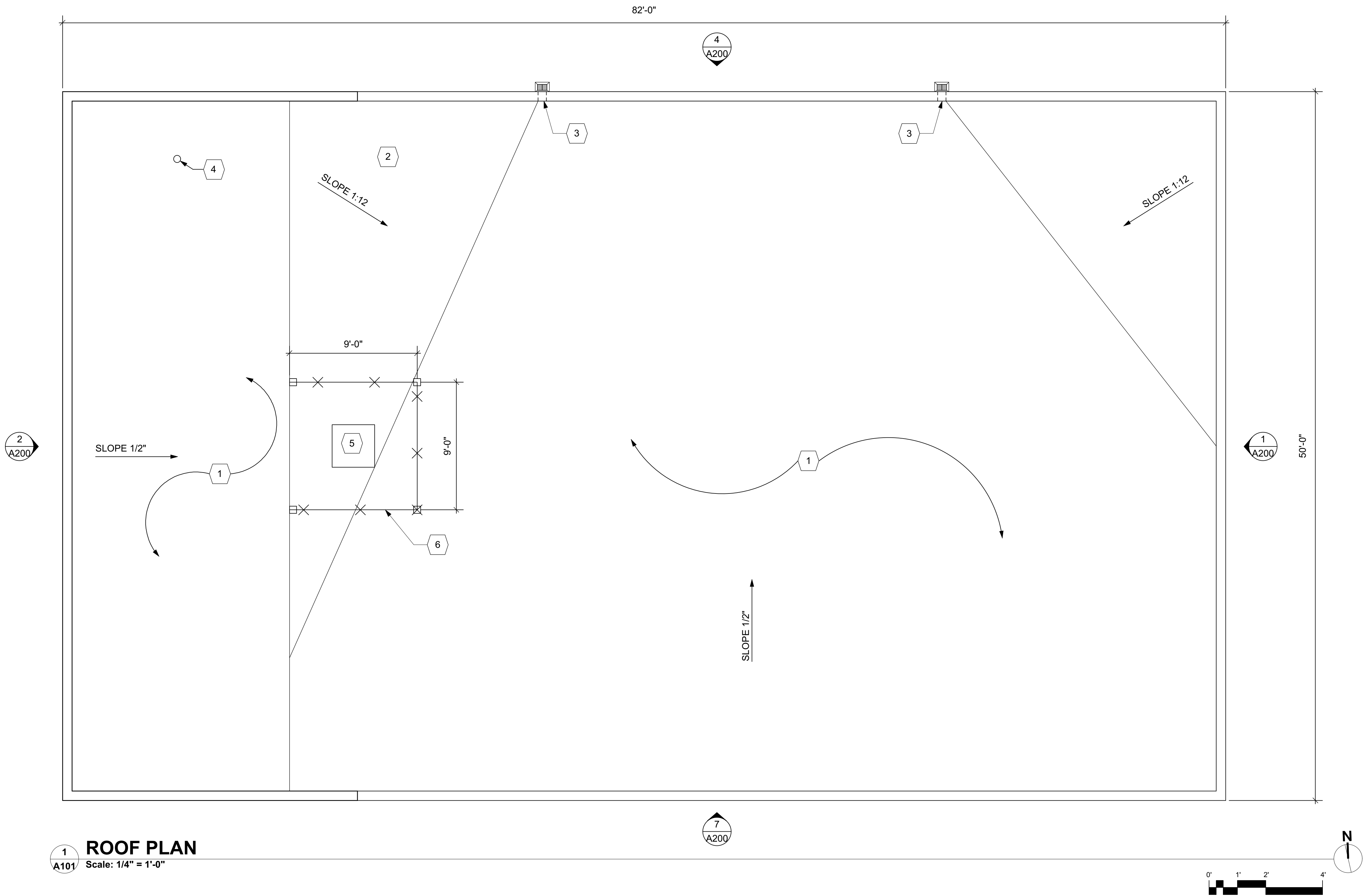
2 BIKE PARKING
C102 NTS

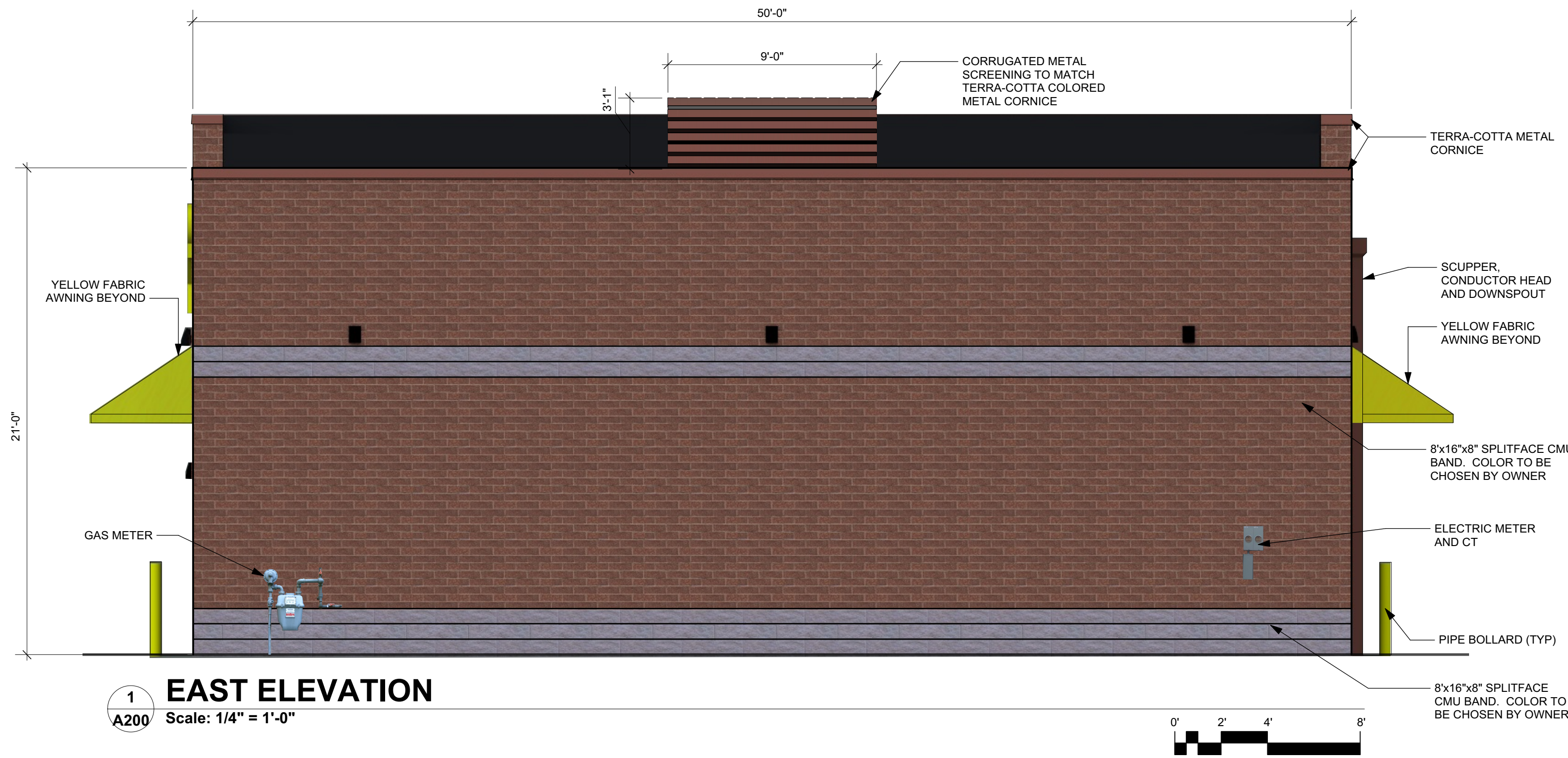


3 DUMPSTER ENCLOSURE 6' HIGH
C102 NTS





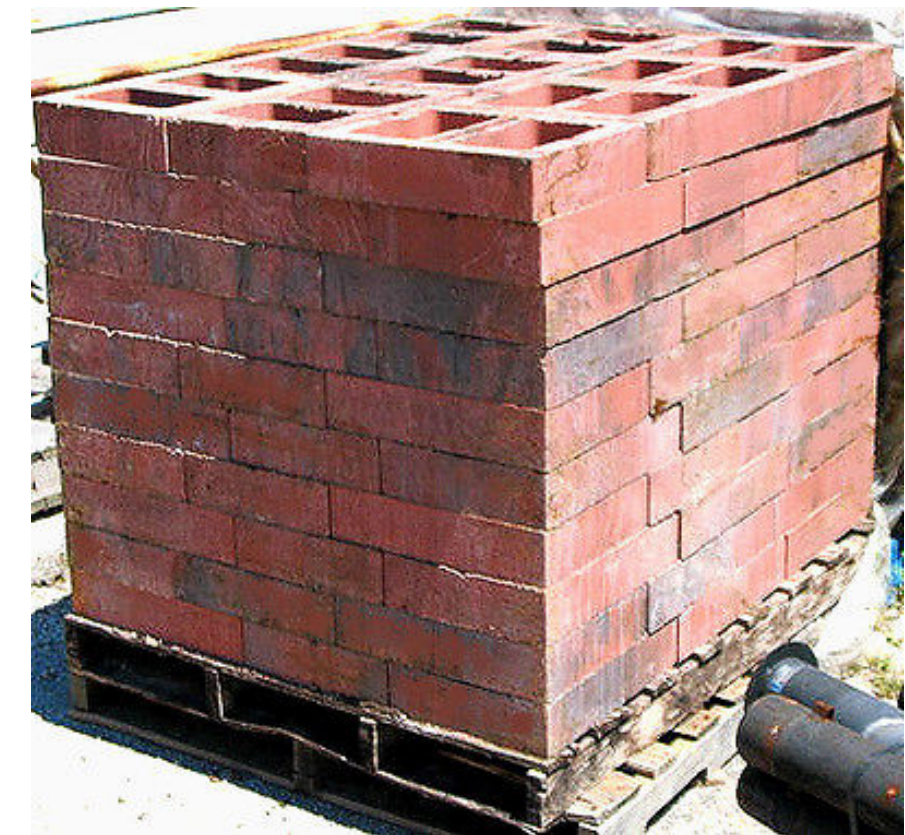




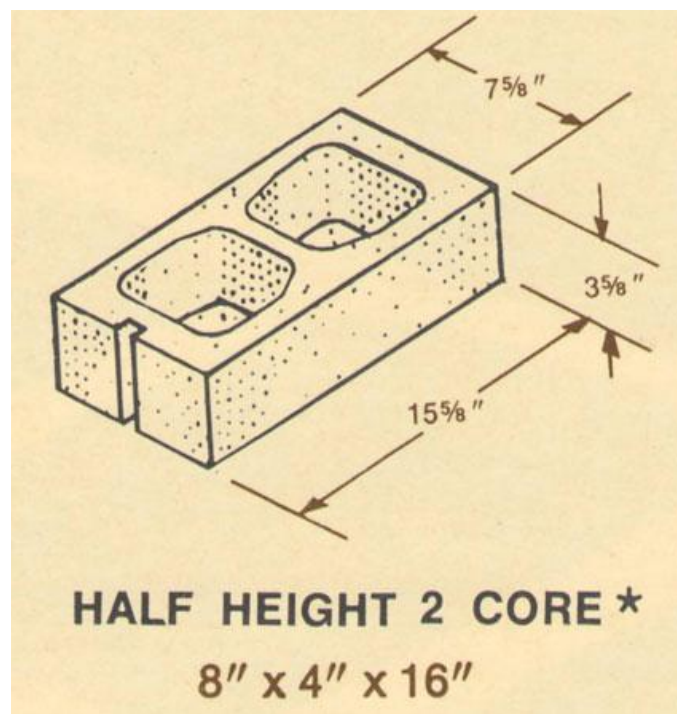
1 EAST ELEVATION
Scale: 1/4" = 1'-0"



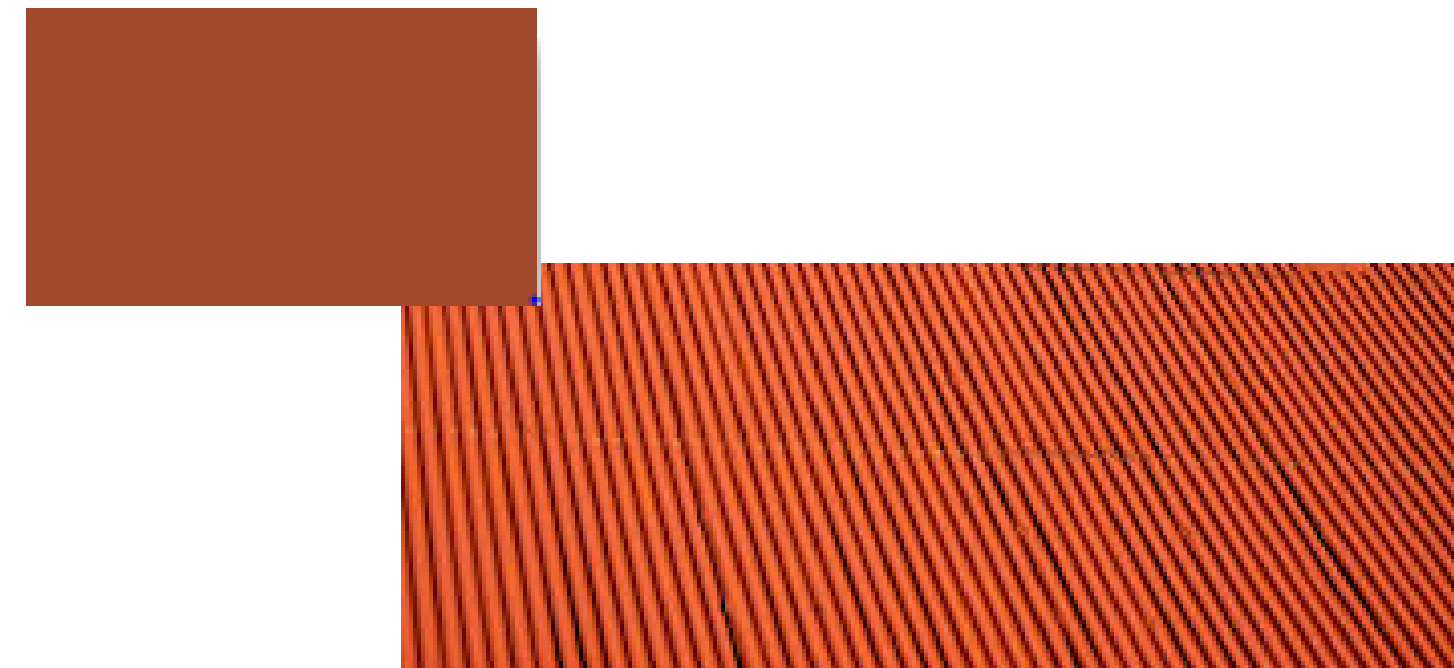
2 WEST ELEVATION (FACING NORTH LAWN AVE)
Scale: 1/4" = 1'-0"



3 8x4x16 CONCRETE BLOCK
A200



5 SPLIT FACE BLOCK
A200



6 CORRUGATED METAL SCREENING
A200



4 NORTH ELEVATION (FACING PARKING LOT)
Scale: 1/4" = 1'-0"



7 SOUTH ELEVATION (FACING E. WASH)
Scale: 1/4" = 1'-0"

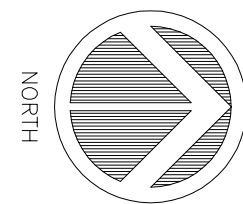
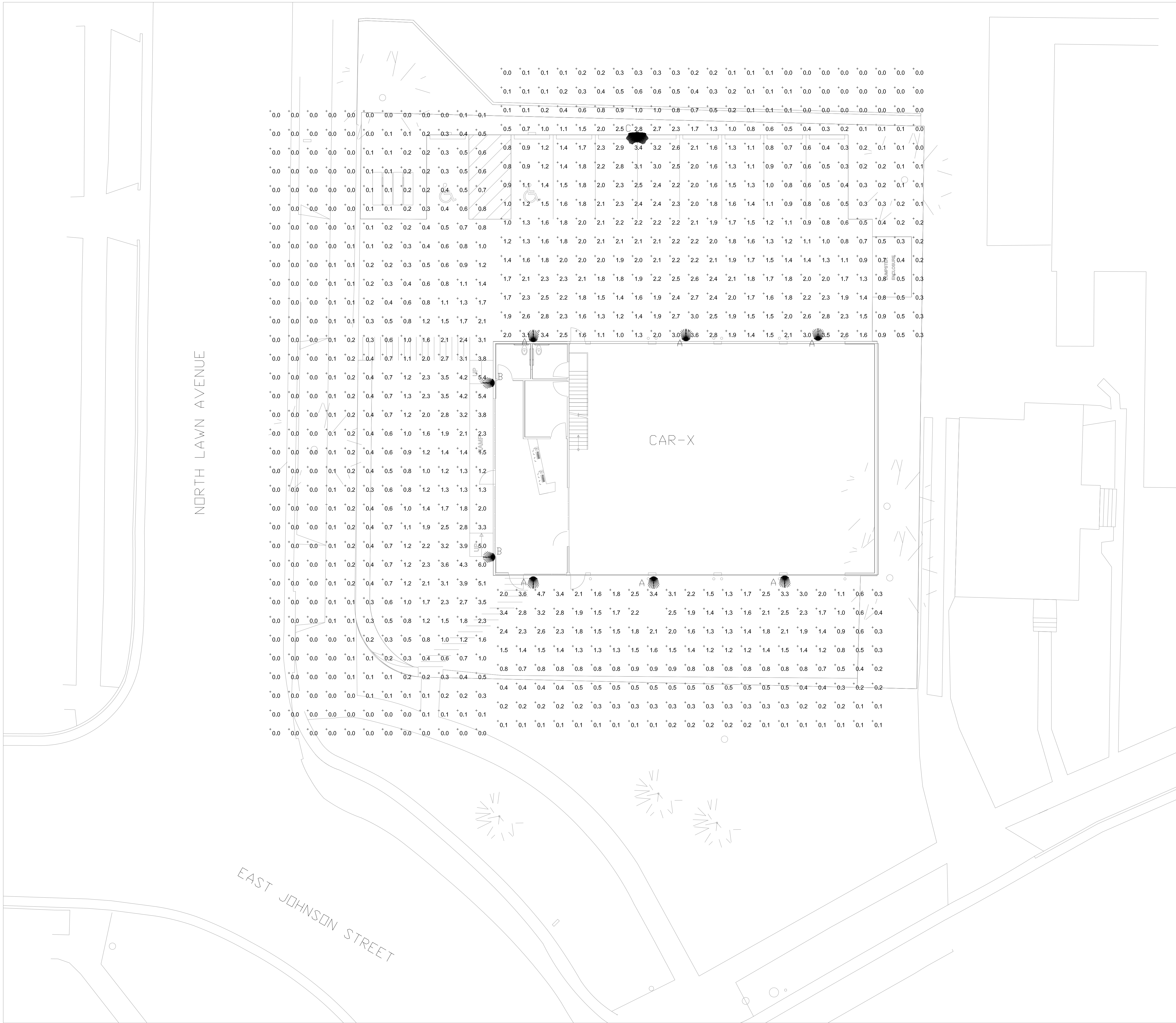
ISSUE DATES:

RF/ISI DATE:

This document contains confidential or proprietary information of Iconica. Neither the document nor the information herein is to be reproduced, distributed, used or disclosed, either in whole or in part, except as specifically authorized by Iconica.

PROJECT #: 20160840
SHEET NUMBER

E100P



1
E100P

ELECTRICAL SITE PLAN - LIGHTING PHOTOMETRICS
SCALE: 1" = 10'-0"

EXTERIOR LIGHTING POWER CALCULATION												
BUILDING TYPE: BUSINESS ZONE: 3												
Description	Code		Area (sf)	Allowable (W)	Light Fixtures							
					ID	# Fixtures	Watts /Fixture	Total Watts	ID	# Fixtures	Watts /Fixture	Total Watts
PARKING LOT & DRIVES	0.1000	W/SF	7,897	790	A	6	12	72	–	0	0	0
MAIN ENTRY	30	W/LF	3	90	B	2	26	52	–	0	0	0
OTHER DOORS	20	W/LF	9	180	C	1	45	45	–	0	0	0
SIDEWALK	0.8	W/LF	42	34								
BASE SITE ALLOWANCE				750								
TOTALS		LIGHTING ALLOWANCE		1843	DESIGN TOTAL			169				
	1843	>	169	EXTERIOR COMPLIES WITH THE ENERGY CODE								

LIGHT FIXTURE SCHEDULE								
ID	Description	Size	Manufacturer	Model #	Voltage	Lamps	Mounting	Remarks
A	FULL CUTOFF LED WALL PACK	6.5"x8.75"x3.9"	RAB	SLIM 12 N	120	LED, 12W, 4000K, 1372L, 82CRI	SURFACE, WALL, 14"	
B	FULL CUTOFF LED WALL PACK	6.5"x8.75"x3.9"	RAB	SLIM 26 N	120	LED, 26W, 4000K, 2493L, 82CRI	SURFACE, WALL, 14"	
C	FULL CUTOFF LED POLE MOUNT FIXTURE	9"x9.5"x9"	LITHONIA	DSXO LED 20C 700 40K 14M 120 SPA HS	120	LED, 45W, 4000K, 5725L, 80CRI	15" SQUARE STEEL POLE	PROVIDE HOUSE SIDE SHIELD

EROSION NOTES:

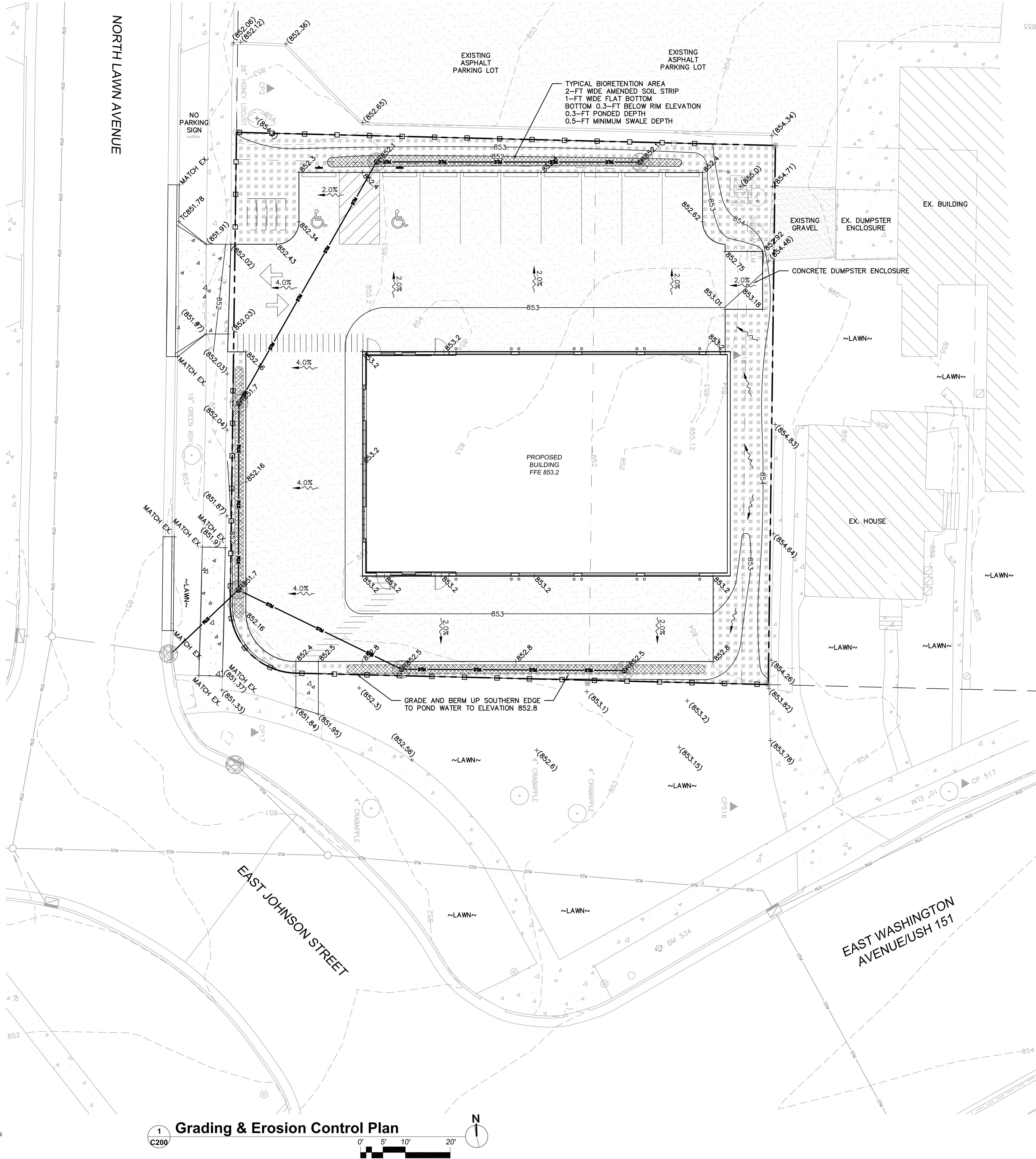
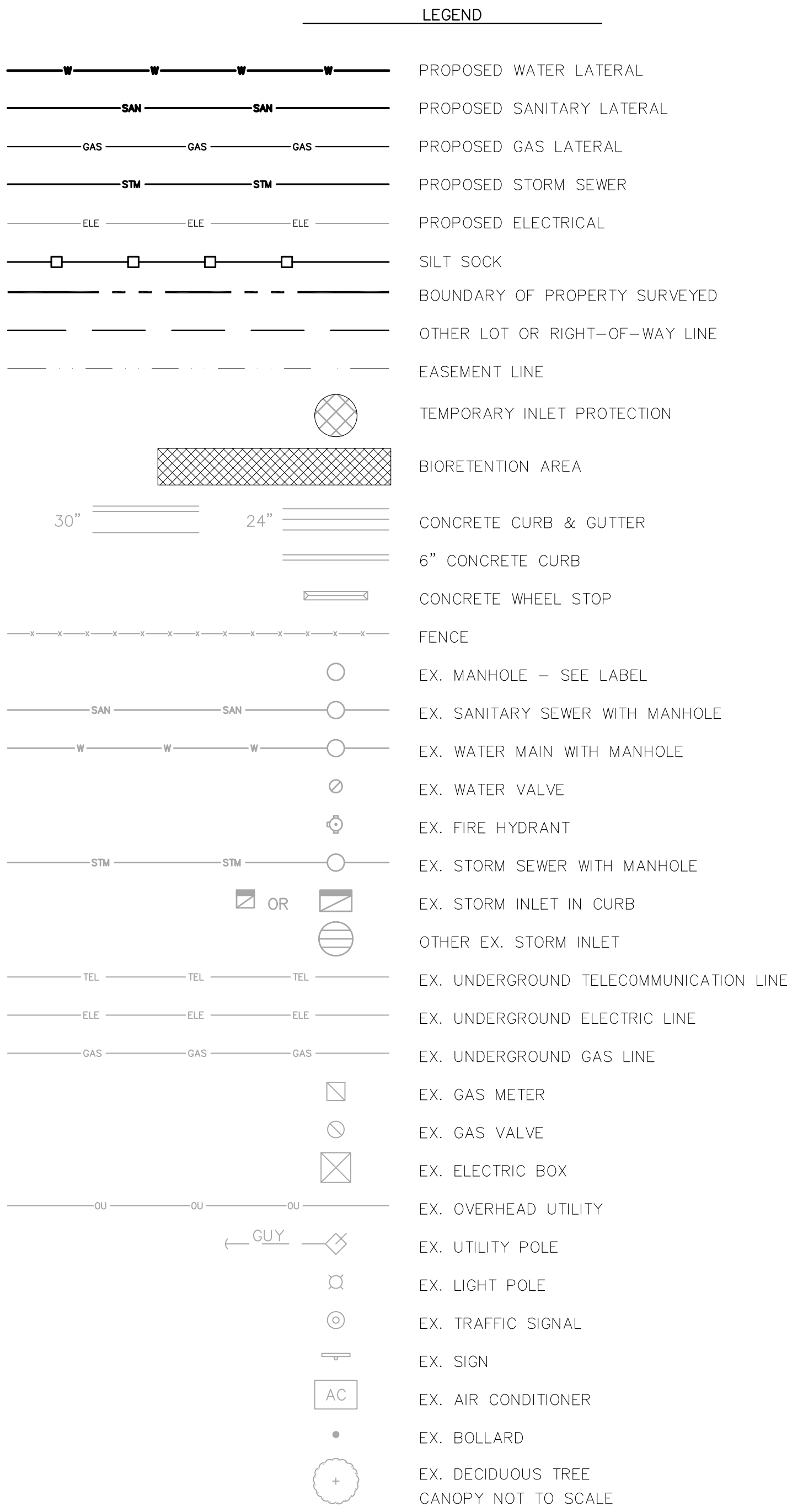
- A. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED TO THE CITY FOR APPROVAL AND INDICATED ON THE PLAN.
- B. INSTALL TYPE C & D MODIFIED INLET PROTECTION AT ALL INLETS SHOWN ON THE PLANS. IF OTHER INLETS ARE FOUND WITHIN THE DRAINAGE AREA, THE CONTRACTOR SHALL PLACE INLET PROTECTION.
- C. CONSTRUCTION ACCESS TO THE SITE WILL ONLY BE FROM THE EXISTING ENTRY ON EDGEWOOD COLLEGE DRIVE. CONTRACTOR SHALL ENSURE THAT ACCESS TO THE SITE AND NEARBY STREETS ARE CLEANED UP FROM DIRT AND TRACKED MUD AT THE END OF EACH DAY.
- D. CONTRACTOR SHALL POST A COPY OF THE COVERAGE UNDER CITY OF MADISON APPROVAL AT A CONSPICUOUS LOCATION ON THE PROJECT SITE FOR AT LEAST FIVE DAYS PRIOR TO CONSTRUCTION, AND REMAINING AT LEAST FIVE DAYS AFTER CONSTRUCTION. CONTRACTOR MUST ALSO HAVE A COPY OF THE PERMIT AND APPROVED PLAN AVAILABLE AT THE PROJECT SITE AT ALL TIMES UNTIL THE PROJECT IS COMPLETE.
- E. CONTRACTOR SHALL EMPLOY EROSION CONTROL METHODS AS SHOWN AND SPECIFIED IN THE CITY OF MADISON STANDARD SPECIFICATIONS, WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSTRUCTION SITE TECHNICAL STANDARDS AND THE WSDOT EROSION CONTROL PRODUCT ACCEPTABILITY LISTS (PAL).
- F. ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
- G. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5 INCHES OR MORE BUT NOT LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY. WRITTEN REPORTS WILL BE KEPT OF ALL EROSION AND SEDIMENT CONTROL INSPECTIONS AS REQUIRED BY THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR).
- H. SILT SOCK SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS PER DETAILS. SEDIMENT DEPOSITS WILL BE REMOVED FROM BEHIND THE SILT SOCK WHEN DEPOSITS REACH A DEPTH OF 6 INCHES. THE SILT SOCK WILL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
- I. EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED. SITE STABILIZATION INVOLVING SEEDING WHICH IS NOT COMPLETED PRIOR TO SEPTEMBER 15 SHALL BE COMPLETED WITH DORMANT SEEDING BY NOVEMBER 1.
- J. EROSION CONTROL MEASURES MUST BE IN PLACE AT THE END OF EACH WORK DAY.
- K. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED.
- L. WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR HAVE BEEN TEMPORARILY SUSPENDED FOR MORE THAN SEVEN DAYS, OR WHEN FINAL GRADES ARE REACHED IN ANY PORTION OF THE SITE, STABILIZATION SHALL BE IMPLEMENTED WITHIN SEVEN DAYS. TEMPORARY STABILIZATION PRACTICES SUCH AS MULCH/TACKIFIER, EROSION MAT, OR WSDOT TYPE B SOIL STABILIZER SHALL BE APPLIED TO THE SOIL SURFACE WHEN THE SITE IS NOT READY FOR PERMANENT RESTORATION. WHEN STABILIZATION IS NOT POSSIBLE DUE TO SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE. THE CONTRACTOR SHALL USE BIODEGRADABLE CLASS I URBAN TYPE B EROSION MATTING ON ALL SWALE CENTERLINES AND SIDE SLOPES STEEPER THAN 4:1 (25%).
- M. STORM WATER AND GROUND WATER PUMPED FROM EXCAVATIONS SHALL BE DISPOSED OF IN ACCORDANCE WITH THE WISCONSIN STATUTES. SEDIMENT BASINS, SEDIMENT TRAPS AND/OR THE USE OF POLYMERS TO CONTROL SEDIMENT SHALL BE UTILIZED AND MEET THE REQUIREMENTS OF THE WISCONSIN WDNR TECHNICAL STANDARDS.
- N. EROSION MAT SHALL CONSIST ENTIRELY OF BIODEGRADABLE COMPONENTS (NO PHOTOBIODEGRADABLE).
- O. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- P. ALL DIMENSIONS SHOWN ARE TO DECIMAL FEET AND MEASURED TO EDGE OF PAVEMENT, UNLESS SPECIFIED OTHERWISE. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE OWNERS REPRESENTATIVE.
- Q. PROVIDE TRAFFIC CONTROL DURING CONSTRUCTION AS REQUIRED TO MAINTAIN SAFE CONDITIONS FOR WORKERS AND THE PUBLIC.

AFTER SEPTEMBER 15TH, A COOL WEATHER SEEDING COVER CROP MUST BE APPLIED (I.E. OATS)

AFTER OCTOBER 15TH, A DORMANT SEEDING COVER CROP MUST BE APPLIED

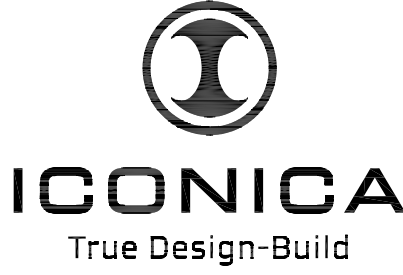
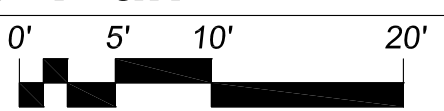
(I.E. WINTER WHEAT)

AFTER NOVEMBER 15TH, A DORMANT SEEDING MUST BE APPLIED WITH AN ACCEPTABLE SOIL STABILIZER. (POLYACRYLIMIDE)



1
C200

Grading & Erosion Control Plan



901 Derring Way // Madison, WI 53717
Ph: 608.664.3500 // Fx: 608.664.3535
iconica@iconica.com

CAR-X
2802 EAST JOHNSON STREET
MADISON, WI 53704

MAD PROPERTIES, LLC
1032 EAST WASHINGTON AVENUE
MADISON, WI 53703

ISSUE DATES:

RFI/SI DATE:

This document contains confidential or proprietary information of Iconica. Neither the document nor the information herein is to be reproduced, distributed, used or disclosed, either in whole or in part, except as specifically authorized by Iconica.

PROJECT #: 20160840
SHEET NUMBER

C200

©2016 Iconica, Inc.

BIORETENTION DEVICES ARE DESIGNED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR), COUNTY, MUNICIPALITY, AND ENGINEERING STANDARD OF CARE. ALL DESIGNATED INFILTRATION AREAS (e.g. RAIN GARDENS, INFILTRATION BASINS, BIORETENTION DEVICES) SHALL BE FENCED PRIOR TO CONSTRUCTION AND REMAIN UNDISTURBED AND PROTECTED DURING THE CONSTRUCTION OF PROPOSED SITE IMPROVEMENTS. PROPOSED BIORETENTION DEVICES SHALL NOT BE CONSTRUCTED UNTIL THE DEVICE'S CONTRIBUTING WATERSHED AREA MEETS ESTABLISHED VEGETATION REQUIREMENTS SET FORTH WITHIN THE RESPECTIVE WDNR TECHNICAL STANDARDS. IF THE LOCATION OF THE INFILTRATION AREA CONFLICTS WITH CONSTRUCTION STAGING AND/OR CONSTRUCTION TRAFFIC AND IS DISTURBED, COMPACTION MITIGATION WILL BE REQUIRED AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR IS REQUIRED TO PROVIDE QUALIFIED STAFF FOR INSPECTION AND OBSERVATION OF THE CONSTRUCTION ACTIVITIES RELATING TO ALL JOB SITE REGULATORY COMPLIANCE INCLUDING THE PROTECTION AND CONSTRUCTION OF ALL STORMWATER MANAGEMENT FEATURES. ANY OBSERVATION OF PLAN OR SITE DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.

BIORETENTION AREA GENERAL NOTES:

- ALL CONSTRUCTION PRACTICES SHALL MEET THE SPECIFICATIONS OF THE WDNR TECHNICAL STANDARD 1004 - BIORETENTION FOR INFILTRATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THIS STANDARD AND CONSTRUCT THE BIORETENTION DEVICE IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED THEREIN.
- RESTORE PER LANDSCAPING PLAN WITH MULCH AND PLANTS. RUNOFF MUST INFILTRATE WITHIN 48-HOURS, BASINS UNABLE TO MAINTAIN THESE RATES MUST BE DEEP TILLED, REGRADED, AND IF NECESSARY REPLANTED TO RESTORE ORIGINAL INFILTRATION RATES.
- ALL WORK TO BE CONDUCTED IN CONFORMANCE WITH APPLICABLE LOCAL, REGIONAL, AND STATE STORMWATER STANDARDS FOR THE PROJECT SITE AS APPROVED BY THE REGULATORY ENGINEER.
- BIORETENTION AREAS SHALL BE HAND OR BACK HOE LAID. EQUIPMENT SHALL NOT BE DRIVEN ON SOIL MIX DURING OR AFTER INSTALLATION.

WATER DISTRIBUTION SYSTEM:

MAIN:

-WATER MAIN AND LATERALS SHALL HAVE A MINIMUM BURY DEPTH OF 7 FEET TO THE TOP OF PIPE. IF 7 FEET OF BURY CANNOT BE OBTAINED, CONTRACTOR SHALL PLACE A MINIMUM OF 4 INCHES OF STYROFOAM INSULATION ON TOP AND ON THE SIDES OF THE WATER MAIN OR LATERAL TO THE 7 FOOT BURY LINE PER THE SSSWC.
-ALL WATER MAIN JOINTS SHALL BE RESTRAINED.

LATERALS:

-PER CITY OF MADISON STANDARD SPECIFICATIONS

STORM SEWER:

STRUCTURES:

-CONSTRUCT PER CITY OF MADISON STANDARD SPECIFICATIONS AND STANDARD DETAIL DRAWING 5.7.5.
-INLETS SHALL BE 48-IN DIAMETER PRECAST CONCRETE STRUCTURES UNLESS OTHERWISE NOTED.
-INLET CASTINGS SHALL BE NEENAH R-1550 CASTINGS WITH TYPE C GRATES.

INLET PROTECTION:

-INSTALL TEMPORARY INLET PROTECTION FOR THE DURATION OF CONSTRUCTION IN ALL DESIGNATED INLETS PER CITY OF MADISON STANDARD SPECIFICATION SECTION 210.1(f).

PIPE:

-STORM SEWER SPECIFIED AS RCP SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO THE FOLLOWING SPECIFICATIONS UNLESS OTHERWISE NOTED:

12" DIA - CLASS V RCP
15" DIA - CLASS IV RCP
18+" DIA - CLASS III RCP

-STORM SEWER SPECIFIED AS PVC SHALL BE SDR 26.

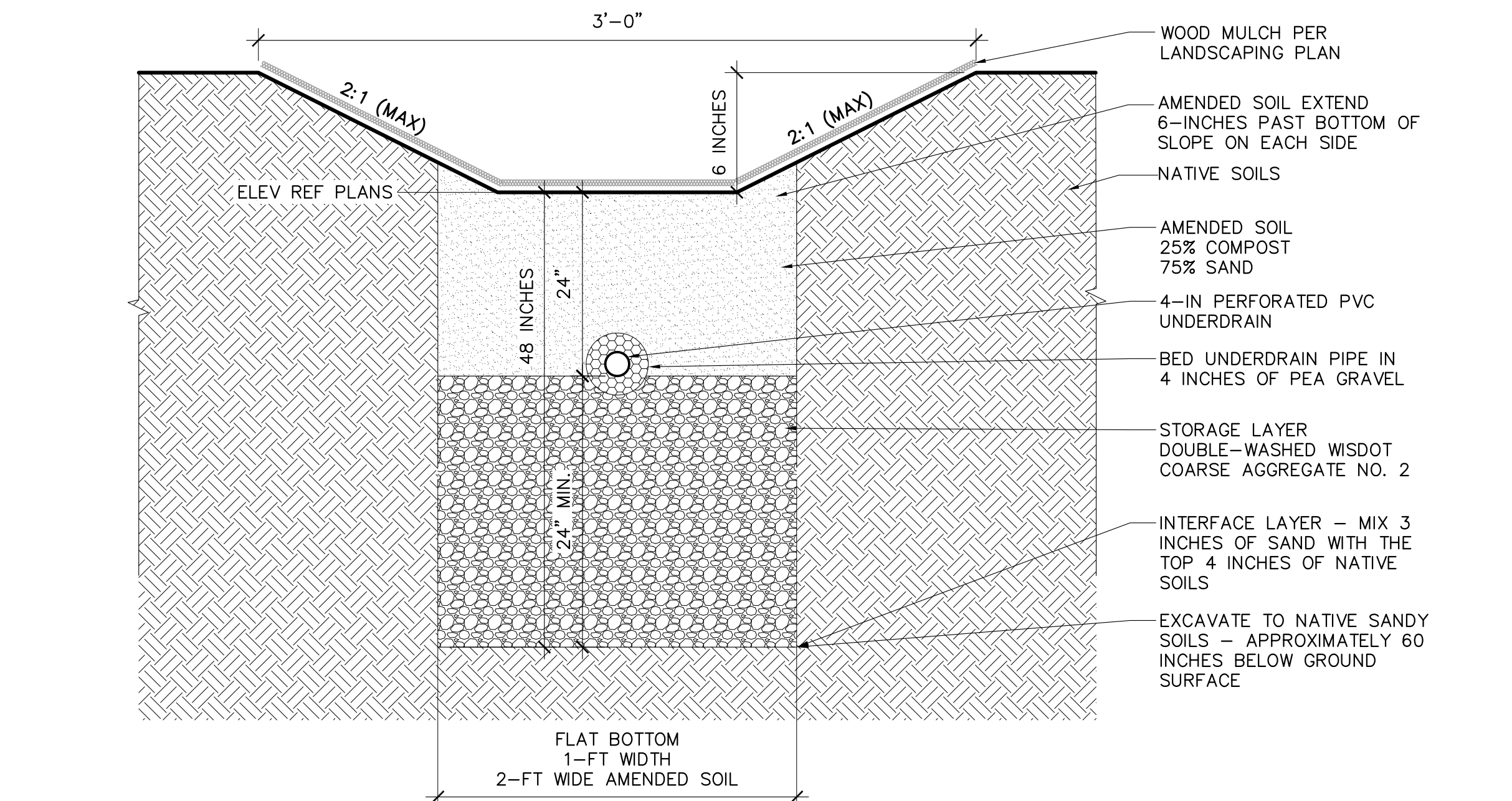
-STORM SEWER PIPE: REINFORCED CONCRETE PIPE (RCP) CONFORMING TO ASTM C-76. POLYETHYLENE MATERIAL SHALL CONFORM TO ASTM D3350. AN APPROVED RUBBER GASKET JOINT SHALL BE USED FOR EITHER OPTION. JOINTS FOR RCP SHALL CONFORM TO ASTM D-471. JOINTS FOR HDPE SHALL CONFORM TO ASTM F-477.
-ALL PERFORATED DRAIN TILE SHALL BE PLASTIC WITHOUT A FILTER SOCK.

UTILITY NOTES:

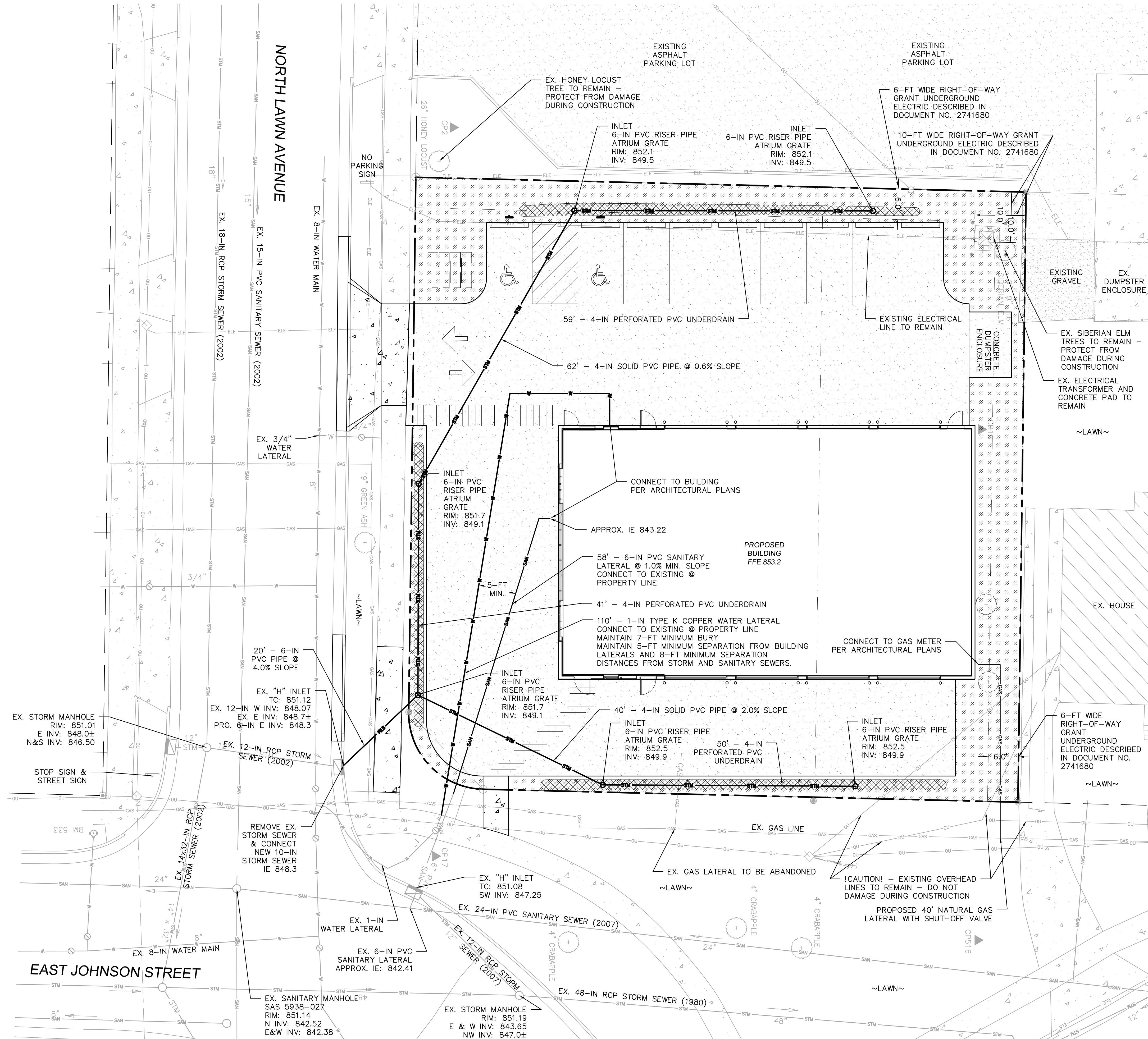
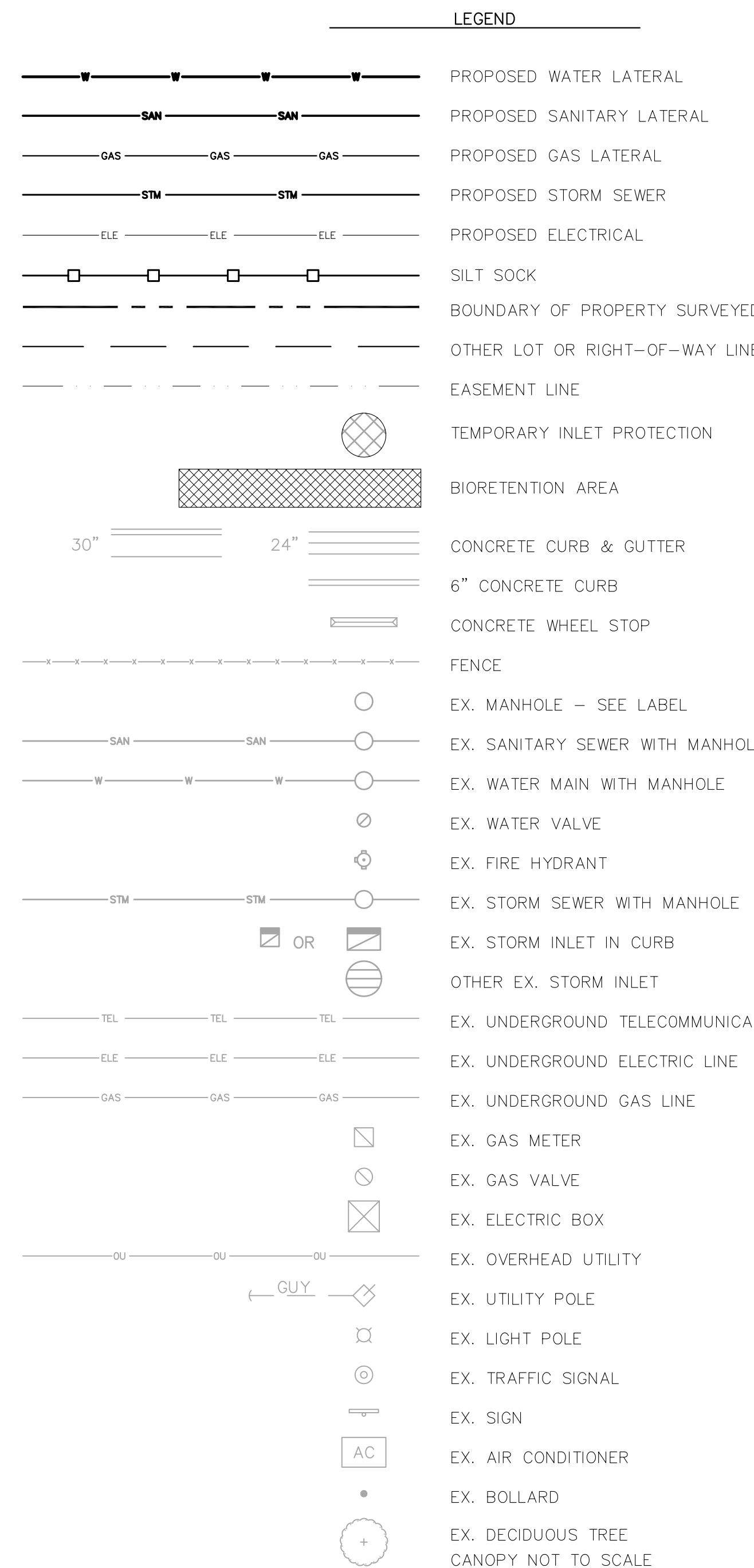
THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE A MINIMUM OF 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

STANDARD SPECIFICATIONS: PERFORM ALL WORK IN ACCORDANCE WITH THE PROVISIONS OF:

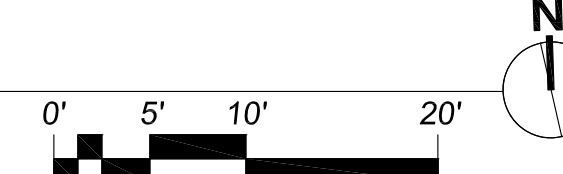
- CITY OF MADISON STANDARD SPECIFICATIONS, LATEST EDITION.
- "STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN" (SSSWC) LATEST EDITION.
- STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (WISDOT) LATEST EDITION.
- CONTRACTOR SHALL OBTAIN A CURRENT COPY OF THE CITY OF MADISON'S STANDARD SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND OTHER REVISIONS TO DATE, UNLESS OTHERWISE DIRECTED IN THE SPECIFICATIONS.
- WITHIN THE RIGHT-OF-WAY OR UNDERNEATH PAVEMENTS OR BUILDINGS, GRANULAR TRENCH BACKFILL MUST BE USED TO FILL THE TRENCH. ALL OTHER AREAS MAY UTILIZE EXCAVATED TRENCH SPOIL FOR BACKFILL PROVIDING THAT THE MATERIAL IS FREE OF ORGANIC MATERIAL AND STONES LARGER THAN 6" IN DIAMETER.
- A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED IN ACCORD WITH THE PROVISIONS OF THESE CODE SECTIONS AS PER 182.0715(2R) OF THE STATUTES.



2 BIORETENTION AREA
SCALE: N.T.S.



1 Site Utility Plan
C300



DIGGERS HOTLINE
Toll Free (800) 242-8831
Milwaukee Area (414) 268-1181
Hearing Impaired TDD (800) 642-2288
www.DiggersHotline.com

901 Derring Way // Madison, WI 53717
Ph: 608.664.3500 // Fx: 608.664.3535
iconica@iconica.com

CAR-X
2802 EAST JOHNSON STREET
MADISON, WI 53704

MAD PROPERTIES, LLC
1032 EAST WASHINGTON AVENUE
MADISON, WI 53703

ISSUE DATE:

RFI/SI DATE:

This document contains confidential or proprietary information of Iconica. Neither the document nor the information herein is to be reproduced, distributed, used or disclosed, either in whole or in part, except as specifically authorized by Iconica.

PROJECT #: 20160840
SHEET NUMBER
C300

©2016 Iconica, Inc.

JANUARY 17, 2017
REV: MARCH 30, 2017

CAR-X SITE LIGHTING LIGHT FIXTURE CUT SHEETS

CAR-X
MAD PROPERTIES, LLC
1032 EAST WASHINGTON AVENUE
MADISON, WI 53703

ICONICA
901 DEMING WAY
MADISON, WI 53717



12, 18 and 26 Watt SLIM wallpacks are ultra efficient and deliver impressive light distribution with a compact low-profile design that's super easy to install as a downlight or uplight.

Color: Bronze

Weight: 4.5 lbs

Project:

Type:

TYPE A

Prepared By:

Date:

Driver Info

Type:	Constant Current
120V:	0.12A
208V:	0.08A
240V:	0.07A
277V:	0.06A
Input Watts:	14W
Efficiency:	86%

LED Info

Watts:	12W
Color Temp:	4000K
Color Accuracy:	82 CRI
L70 Lifespan:	100000
Lumens:	1,372
Efficacy:	99 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

ADA Compliant:

SLIM™ is ADA Compliant.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Cold Weather Starting:

Minimum starting temperature is -40° F (-40° C)

Maximum Ambient Temperature:

Suitable for use in 104°F (40°C) ambient temperatures

Thermal Management:

Superior heat sinking with internal Air-Flow fins.

Housing:

Precision die-cast aluminum housing.

Mounting:

Heavy-duty mounting bracket with hinged housing for easy installation.

Recommended Mounting Height:

Up to 8 ft.

Lens:

Tempered glass lens.

Reflector:

Specular thermoplastic.

Gaskets:

High-temperature silicone

Finish:

Formulated for high-durability and long lasting color.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

LED Characteristics

LED:

Multi-chip, long-life LED.

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines for the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz., 4KV surge protection, 350mA, 100-240VAC 0.3-0.15 Amps, 277VAC 0.15Amps, Power Factor 99%.

THD:

10.1% at 120V

Other

California Title 24:

SLIM12 complies with 2013 California Title 24 building and electrical codes as a residential outdoor fixture. See SLIM12/PC for a model that complies as a commercial outdoor non-pole-mounted fixture ≤ 30 Watts.

Patents:

The design of the SLIM™ is protected by patents in U.S. Pat D681,864, and pending patents in Canada, China, Taiwan and Mexico.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Technical Specifications (continued)

Other

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

HID Replacement Range:

Replaces 70W Metal Halide.

Optical

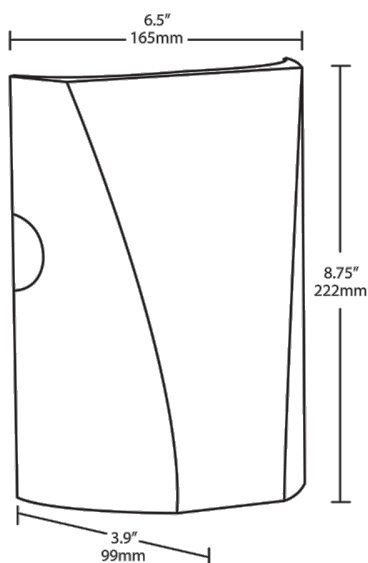
BUG Rating:

B1 U0 G0

BUG Rating:

B1 U0 G0

Dimensions



Features

- Full cutoff, fully shielded LED wallpack
- Can be used as a downlight or uplight
- Contractor friendly features for easy installation
- 100,000-hour LED Life
- 5-Year Warranty

Ordering Matrix

Family	Watts	Color Temp	Finish	Photocell	Dimming
SLIM	26 = 26W 18 = 18W 12 = 12W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Bronze W = White	Blank = No Photocell /PS = 120V Button /PC2 = 277V Button /PCT = 120-277V Twistlock	Blank = No Dimming /D10 = Dimmable



12, 18 and 26 Watt SLIM wallpacks are ultra efficient and deliver impressive light distribution with a compact low-profile design that's super easy to install as a downlight or uplight.

Color: Bronze

Weight: 4.5 lbs

Project:

CAR-X

Type:

TYPE B

Prepared By:

Date:

Driver Info

Type:	Constant Current
120V:	0.27A
208V:	0.15A
240V:	0.15A
277V:	0.13A
Input Watts:	30W
Efficiency:	88%

LED Info

Watts:	26W
Color Temp:	4000K
Color Accuracy:	82 CRI
L70 Lifespan:	100000
Lumens:	2,493
Efficacy:	85 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

ADA Compliant:

SLIM™ is ADA Compliant.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Cold Weather Starting:

The minimum starting temperature is -40°C/-40°F

Maximum Ambient Temperature:

Suitable for use in 104°F (40°C) ambient temperatures

Thermal Management:

Superior heat sinking with internal Air-Flow fins.

Housing:

Precision die-cast aluminum housing.

Mounting:

Heavy-duty mounting bracket with hinged housing for easy installation.

Recommended Mounting Height:

Up to 22 ft.

Lens:

Tempered glass lens.

Reflector:

Specular thermoplastic.

Gaskets:

High-temperature silicone

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

LED Characteristics

LED:

Multi-chip, long-life LED.

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines for the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz., 6KV surge protection, 720mA, 100-277VAC 0.4 Amps, Power Factor 99%.

THD:

14.5% at 120V

Other

HID Replacement Range:

The SLIM26 can be used to replace 175W MH based on delivered lumens.

California Title 24:

See SLIM26/D10 for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

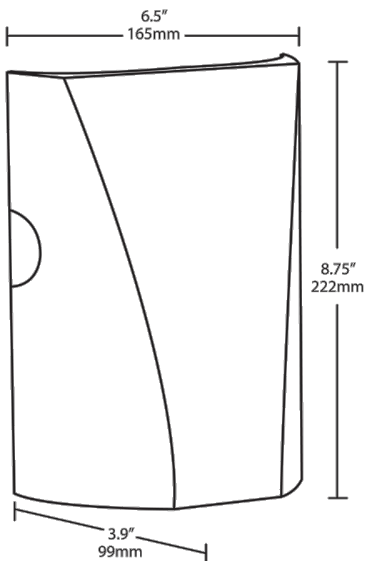
Patents:

The design of the SLIM™ is protected by patents in U.S. Pat D681,864, and pending patents in Canada, China, Taiwan and Mexico.

Technical Specifications (continued)

Optical	BUG Rating:
BUG Rating:	B1 U0 G0
B1 U0 G0	

Dimensions



Features

- Full cutoff, fully shielded LED wallpack
- Can be used as a downlight or uplight
- Contractor friendly features for easy installation
- 100,000-hour LED Life
- 5-Year Warranty

Ordering Matrix

Family	Watts	Color Temp	Finish	Photocell	Dimming
SLIM	26 = 26W 18 = 18W 12 = 12W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Bronze W = White	Blank = No Photocell /PC = 120V Button /PC2 = 277V Button /PCT = 120-277V Twistlock	Blank = No Dimming /D10 = Dimmable



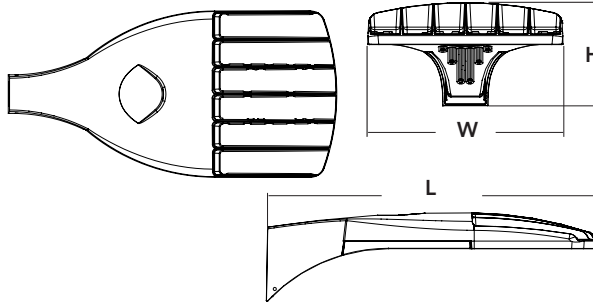
D-Series Size 0 LED Area Luminaire



d#series

Specifications

EPA:	0.95 ft ² (.09 m ²)
Length:	26" (66.0 cm)
Width:	13" (33.0 cm)
Height:	7" (17.8 cm)
Weight (max):	16 lbs (7.25 kg)



Catalog
Number

Notes

Type

TYPE C

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

A+ Capable Luminaire

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

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a **shaded background**. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM®2 or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **shaded background**¹

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

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

A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD

DSX0 LED							
Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting	
DSX0 LED	Forward optics	530 530 mA	30K 3000 K	T1S Type I short	T5S Type V short	MVOLT ⁴	Shipped included
	20C 20 LEDs (one engine)	700 700 mA	40K 4000 K	T2S Type II short	T5M Type V medium	120 ⁴	SPA Square pole mounting
	40C 40 LEDs (two engines)	1000 1000 mA (1 A)	50K 5000 K	T2M Type II medium	T5W Type V wide	208 ⁴	RPA Round pole mounting
	Rotated optics ¹		AMBPC Amber phosphor converted ²	T3S Type III short	BLC Backlight control ^{2,3}	240 ⁴	WBA Wall bracket
	30C 30 LEDs (one engine)			T3M Type III medium	LCCO Left corner cutoff ^{2,3}	277 ⁴	SPUMBA Square pole universal mounting adaptor ⁶
				T4M Type IV medium	RCCO Right corner cutoff ^{2,3}	347 ⁵	RPUMBA Round pole universal mounting adaptor ⁶
				IF1M Forward throw medium		480 ⁵	Shipped separately
				T5VS Type V very short			KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁷

Control options				Other options		Finish (required)	
Shipped installed				PIRH1FC3V	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ¹²	Shipped installed	DDBXD Dark bronze
PER	NEMA twist-lock receptacle only (no controls) ⁸			BL30	Bi-level switched dimming, 30% ^{13,14}	HS House-side shield ¹⁷	DBLXD Black
PER5	Five-wire receptacle only (no controls) ^{8,9}			BL50	Bi-level switched dimming, 50% ^{13,15}	SF Single fuse (120, 277, 347V) ¹⁸	DNAXD Natural aluminum
PER7	Seven-wire receptacle only (no controls) ^{8,9}			PNMTDD3	Part night, dim till dawn ¹⁵	DF Double fuse (208, 240, 480V) ¹⁸	DWHXD White
DMG	0-10V dimming extend out back of housing for external control (no controls) ¹⁰			PNMT5D3	Part night, dim 5 hrs ¹⁵	L90 Left rotated optics ¹	DDBTXD Textured dark bronze
DCR	Dimmable and controllable via ROAM® (no controls) ¹¹			PNMT6D3	Part night, dim 6 hrs ¹⁵	R90 Right rotated optics ¹	DBLBXD Textured black
PIR	Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ¹²			PNMT7D3	Part night, dim 7 hrs ¹⁵	DDL Diffused drop lens ¹⁷	DNATXD Textured natural aluminum
PIRH	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ¹²			FAO	Field adjustable output ¹⁶	BS Bird spikes	DWHGXD Textured white
PIRH1FC3V	Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ¹²						



One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • www.lithonia.com
© 2011-2017 Acuity Brands Lighting, Inc. All rights reserved.

DSX0-LED
Rev. 02/07/17
Page 1 of 6

Ordering Information

Accessories

Ordered and shipped separately.

Controls & Shields

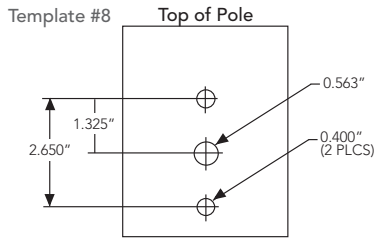
DLL127F 1.5 JU	PhotoCell - SSL twist-lock (120-277V) ¹⁹
DLL347F 1.5 CUL JU	PhotoCell - SSL twist-lock (347V) ¹⁹
DLL480F 1.5 CUL JU	PhotoCell - SSL twist-lock (480V) ¹⁹
DSHORT SBK U	Shorting cap ¹⁹
DSX0HS 20C U	House-side shield for 20 LED unit ¹⁷
DSX0HS 30C U	House-side shield for 30 LED unit ¹⁷
DSX0HS 40C U	House-side shield for 40 LED unit ¹⁷
DSX0DDL U	Diffused drop lens (polycarbonate) ¹⁷
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) ²⁰
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁷

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

NOTES

- 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
- AMBPC is not available with BLC, LLCO or RCCO.
- Not available with HS or DDL.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120V, 208V, 240V or 277V options only when ordering with fusing (SF, DF options).
- Not available with single board, 530mA product (20C 530 or 30C 530). Not available with BL30, BL50 or PNMT options.
- Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- Must order fixture with SPA mounting. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- PhotoCell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap be order for correct operation when photocontrol is present.
- If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming.
- DMG option for 347V or 480V requires 1000mA.
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with PER5, PER7, BL30, BL50 or PNMT options. Node without integral dimming. Mvlt only. Not available with 347V and 480V. Not available with PIRH1FC3V.
- PIR and PIR1FC3V specify the [SensorSwitch SBGR-10-ODP](#) control; PIRH and PIRH1FC3V specify the [SensorSwitch SBGR-6-ODP](#) control; see [Outdoor Control Technical Guide](#) for details. Dimming driver standard. Ambient sensor disabled when ordered with DCR. Separate on/off required. Not available with PNMT options. PIR and PIRH options are used with PER5 and PER7, additional leads from receptacle are terminated and non-functioning. When PIR and PIRH options are selected with DCR, old style ROAM node must be used or PIRH and PIRH will not function correctly.
- Requires an additional switched circuit.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, PER5, PER7 or PNMT options. Not available with PIR1FC3V and PIRH1FC3V.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, PER5, PER7, BL30 or BL50. Not available with PIR1FC3V and PIRH1FC3V. Separate on/off required.
- Dimming driver standard. Not available with PER5, PER7, DMG, DCR, BL30, BL50, PNMT, PIR, PIRH, PIR1FC3V and PIRH1FC3V.
- Not available with BLC, LLCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.
- For retrofit use only.

Drilling



DSX0 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	DM29AS	2 at 90° *
DM28AS	2 at 180°	DM39AS	3 at 90° *
DM49AS	4 at 90° *	DM32AS	3 at 120° **

Example: SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's [POLES CENTRAL](#) to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 3.25" O.D. minimum.

**For round pole mounting (RPA) only.

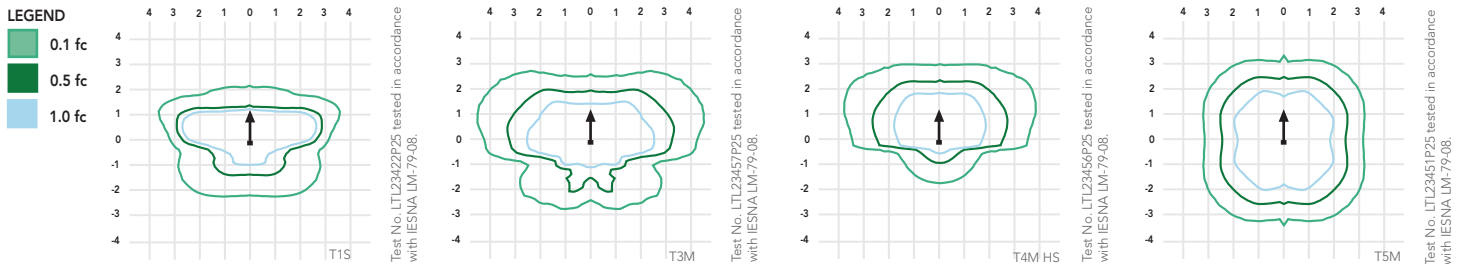
Tenon Mounting Slipfitter **

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit [Lithonia Lighting's D-Series Area Size 0 homepage](#).

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

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

Ambient		Lumen Multiplier
0°C	32°F	1.02
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

Projected LED Lumen Maintenance

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

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

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX0 LED 20C 1000			
	1	0.98	0.96	0.93
	DSX0 LED 40C 1000			
	1	0.98	0.95	0.90
	DSX0 LED 40C 700			
	1	0.99	0.99	0.99

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
20C	530	35	0.34	0.22	0.21	0.20	--	--
	700	45	0.47	0.28	0.24	0.22	0.18	0.14
	1000	72	0.76	0.45	0.39	0.36	0.36	0.26
30C	530	52	0.51	0.31	0.28	0.25	--	--
	700	70	0.72	0.43	0.37	0.34	0.25	0.19
	1000	104	1.11	0.64	0.56	0.49	0.47	0.34
40C	530	68	0.71	0.41	0.36	0.33	0.25	0.19
	700	91	0.94	0.55	0.48	0.42	0.33	0.24
	1000	138	1.45	0.84	0.73	0.64	0.69	0.50

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35 W	T1S	4,079	1	0	1	117	4,380	1	0	1	125	4,408	1	0	1	126	2,541	1	0	1	73
			T2S	4,206	1	0	1	120	4,516	1	0	1	129	4,544	1	0	1	130	2,589	1	0	1	74
			T2M	4,109	1	0	1	117	4,413	1	0	1	126	4,440	1	0	1	127	2,539	1	0	1	73
			T3S	4,104	1	0	1	117	4,407	1	0	1	126	4,435	1	0	1	127	2,558	1	0	1	73
			T3M	4,142	1	0	1	118	4,447	1	0	1	127	4,475	1	0	1	128	2,583	1	0	1	74
			T4M	4,198	1	0	1	120	4,508	1	0	1	129	4,536	1	0	1	130	2,570	1	0	1	73
			TFTM	4,135	1	0	1	118	4,440	1	0	2	127	4,468	1	0	2	128	2,540	1	0	1	73
			TSVS	4,368	2	0	0	125	4,691	2	0	0	134	4,720	2	0	0	135	2,650	1	0	0	76
			TSS	4,401	2	0	2	126	4,725	2	0	0	135	4,755	2	0	0	136	2,690	1	0	0	77
			TSM	4,408	2	0	1	126	4,734	3	0	1	135	4,763	3	0	1	136	2,658	2	0	0	76
			TSW	4,344	3	0	1	124	4,664	3	0	1	133	4,693	3	0	1	134	2,663	2	0	1	76
			BLC	3,071	1	0	1	88	3,297	1	0	1	94	3,318	1	0	1	95					
			LCCO	2,983	1	0	1	85	3,204	1	0	1	92	3,224	1	0	1	92					
			RCCO	2,983	1	0	1	85	3,204	1	0	1	92	3,224	1	0	1	92					
			T1S	5,181	1	0	1	115	5,563	1	0	1	124	5,598	1	0	1	124	3,144	1	0	1	70
	700 mA	45 W	T2S	5,342	1	0	1	119	5,736	1	0	1	127	5,772	1	0	1	128	3,203	1	0	1	71
			T2M	5,219	1	0	1	116	5,605	1	0	1	125	5,640	1	0	1	125	3,141	1	0	1	70
			T3S	5,213	1	0	1	116	5,598	1	0	1	124	5,633	1	0	1	125	3,165	1	0	1	70
			T3M	5,260	1	0	1	117	5,649	1	0	2	126	5,684	1	0	2	126	3,196	1	0	1	71
			T4M	5,332	1	0	1	118	5,725	1	0	2	127	5,761	1	0	2	128	3,179	1	0	1	71
			TFTM	5,252	1	0	2	117	5,640	1	0	2	125	5,675	1	0	2	126	3,143	1	0	1	70
			TSVS	5,548	2	0	0	123	5,958	2	0	0	132	5,995	2	0	0	133	3,278	2	0	0	73
			TSS	5,589	2	0	0	124	6,002	2	0	0	133	6,039	2	0	0	134	3,328	2	0	0	74
			TSM	5,599	3	0	1	124	6,012	3	0	1	134	6,050	3	0	1	134	3,288	2	0	1	73
			TSW	5,517	3	0	1	123	5,924	3	0	1	132	5,961	3	0	1	132	3,295	2	0	1	73
20C (20 LEDs)	1000 mA	72 W	BLC	3,909	1	0	1	87	4,198	1	0	1	93	4,224	1	0	1	94					
			LCCO	3,798	1	0	1	84	4,078	1	0	1	91	4,104	1	0	1	91					
			RCCO	3,798	1	0	1	84	4,078	1	0	1	91	4,104	1	0	1	91					
			T1S	7,085	1	0	1	98	7,608	2	0	2	106	7,656	2	0	2	106					
			T2S	7,305	1	0	1	101	7,845	2	0	2	109	7,894	2	0	2	110					
			T2M	7,138	1	0	2	99	7,665	2	0	2	106	7,713	2	0	2	107					
			T3S	7,129	1	0	1	99	7,656	2	0	2	106	7,704	2	0	2	107					
			T3M	7,194	1	0	2	100	7,725	2	0	2	107	7,773	2	0	2	108					
			T4M	7,292	1	0	2	101	7,830	2	0	2	109	7,879	2	0	2	109					
			TFTM	7,183	1	0	2	100	7,713	1	0	2	107	7,761	1	0	2	108					
			TSVS	7,588	2	0	0	105	8,148	3	0	0	113	8,199	3	0	0	114					
			TSS	7,644	2	0	0	106	8,208	2	0	0	114	8,259	2	0	0	115					
			TSM	7,657	3	0	1	106	8,222	3	0	1	114	8,274	3	0	1	115					
			TSW	7,545	3	0	1	105	8,102	3	0	2	113	8,153	3	0	2	113					
	1000 mA	72 W	BLC	5,162	1	0	1	72	5,543	1	0	2	77	5,578	1	0	1	77					
			LCCO	5,015	1	0	2	70	5,386	1	0	2	75	5,419	1	0	2	75					
			RCCO	5,015	1	0	2	70	5,386	1	0	2	75	5,419	1	0	2	75					
			T1S	7,085	1	0	1	98	7,608	2	0	2	106	7,656	2	0	2	106					
			T2S	7,305	1	0	1	101	7,845	2	0	2	109	7,894	2	0	2	110					
			T2M	7,138	1	0	2	99	7,665	2	0	2	106	7,713	2	0	2	107					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)					
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	
40C (40 LEDs)	530 mA	68 W	T1S	7,926	2	0	2	117	8,511	2	0	2	125	8,564	2	0	2	126	4,878	1	0	1	72	
			T2S	8,172	2	0	2	120	8,775	2	0	2	129	8,830	2	0	2	130	4,969	1	0	1	73	
			T2M	7,985	2	0	2	117	8,574	2	0	2	126	8,628	2	0	2	127	4,874	1	0	1	72	
			T3S	7,975	1	0	2	117	8,564	2	0	2	126	8,617	2	0	2	127	4,910	1	0	1	72	
			T3M	8,047	2	0	2	118	8,642	2	0	2	127	8,696	2	0	2	128	4,958	1	0	2	73	
			T4M	8,157	1	0	2	120	8,759	2	0	2	129	8,813	2	0	2	130	4,932	1	0	2	73	
			TFTM	8,035	1	0	2	118	8,628	2	0	2	127	8,682	2	0	2	128	4,876	1	0	2	72	
			TSVS	8,488	2	0	0	125	9,115	3	0	0	134	9,172	3	0	0	135	5,086	2	0	0	75	
			TSS	8,550	2	0	0	126	9,182	3	0	1	135	9,239	3	0	1	136	5,163	2	0	0	76	
			TSM	8,565	3	0	1	126	9,198	3	0	2	135	9,255	3	0	2	136	5,102	3	0	1	75	
			TSW	8,440	3	0	2	124	9,063	3	0	2	133	9,120	3	0	2	134	5,112	3	0	1	75	
			BLC	6,142	1	0	2	90	6,595	1	0	2	97	6,636	1	0	2	98						
			LCCO	5,967	1	0	2	88	6,407	1	0	2	94	6,447	1	0	2	95						
			RCCO	5,967	1	0	2	88	6,407	1	0	2	94	6,447	1	0	2	95						
		700 mA	91 W	T1S	10,066	2	0	2	111	10,810	2	0	2	119	10,877	2	0	2	120	6,206	2	0	2	68
	T2S			10,379	2	0	2	114	11,145	2	0	2	122	11,215	2	0	2	123	6,322	2	0	2	69	
	T2M			10,141	2	0	2	111	10,890	2	0	2	120	10,958	2	0	2	120	6,201	2	0	2	68	
	T3S			10,129	2	0	2	111	10,877	2	0	2	120	10,945	2	0	2	120	6,247	1	0	2	69	
	T3M			10,221	2	0	2	112	10,975	2	0	2	121	11,044	2	0	2	121	6,308	2	0	2	69	
	T4M			10,359	2	0	2	114	11,124	2	0	2	122	11,194	2	0	2	123	6,275	1	0	2	69	
	TFTM			10,205	2	0	2	112	10,958	2	0	3	120	11,027	2	0	3	121	6,203	1	0	2	68	
	TSVS			10,781	3	0	0	118	11,576	3	0	1	127	11,649	3	0	1	128	6,569	2	0	0	72	
	TSS			10,860	3	0	1	119	11,662	3	0	1	128	11,734	3	0	1	129	6,569	2	0	0	72	
	TSM			10,879	3	0	2	120	11,682	3	0	2	128	11,755	3	0	2	129	6,491	3	0	1	71	
	TSW			10,719	3	0	2	118	11,511	4	0	2	126	11,583	4	0	2	127	6,504	3	0	2	71	
	BLC			7,819	1	0	2	86	8,396	1	0	2	92	8,448	1	0	2	93						
	LCCO			7,596	1	0	2	83	8,157	1	0	2	90	8,208	1	0	2	90						
	RCCO			7,596	1	0	2	83	8,157	1	0	2	90	8,208	1	0	2	90						
		1000 mA	138 W	T1S	13,767	2	0	2	100	14,783	3	0	3	107	14,876	3	0	3	108					
	T2S			14,194	2	0	2	103	15,242	3	0	3	110	15,338	3	0	3	111						
	T2M			13,869	2	0	2	101	14,893	3	0	3	108	14,986	3	0	3	109						
	T3S			13,852	2	0	2	100	14,875	2	0	2	108	14,968	2	0	2	108						
	T3M			13,978	2	0	2	101	15,010	3	0	3	109	15,104	3	0	3	109						
	T4M			14,168	2	0	2	103	15,214	3	0	3	110	15,309	3	0	3	111						
	TFTM			13,956	2	0	3	101	14,987	2	0	3	109	15,080	2	0	3	109						
	TSVS			14,744	3	0	1	107	15,832	3	0	1	115	15,931	4	0	1	115						
	TSS			14,852	3	0	1	108	15,948	3	0	1	116	16,048	3	0	1	116						
	TSM			14,878	4	0	2	108	15,976	4	0	2	116	16,076	4	0	2	116						
	TSW			14,660	4	0	2	106	15,742	4	0	2	114	15,840	4	0	2	115						
	BLC			10,325	1	0	2	75	11,087	1	0	2	80	11,156	1	0	2	81						
	LCCO			10,031	2	0	2	73	10,771	2	0	3	78	10,839	2	0	3	79						
	RCCO			10,031	2	0	2	73	10,771	2	0	3	78	10,839	2	0	3	79						

Performance Data

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	6,130	2	0	2	118	6,583	2	0	2	127	6,624	2	0	2	127	3,841	2	0	2	74
			T2S	6,321	2	0	2	122	6,787	2	0	2	131	6,830	3	0	3	131	3,912	2	0	2	75
			T2M	6,176	2	0	2	119	6,632	3	0	3	128	6,673	3	0	3	128	3,837	2	0	2	74
			T3S	6,168	2	0	2	119	6,624	3	0	3	127	6,665	3	0	3	128	3,866	2	0	2	74
			T3M	6,224	3	0	3	120	6,684	3	0	3	129	6,726	3	0	3	129	3,904	2	0	2	75
			T4M	6,309	3	0	3	121	6,775	3	0	3	130	6,817	3	0	3	131	3,884	2	0	2	75
			TFTM	6,215	3	0	3	120	6,673	3	0	3	128	6,715	3	0	3	129	3,839	2	0	2	74
			T5VS	6,565	2	0	0	126	7,050	2	0	0	136	7,094	2	0	0	136	4,005	2	0	0	77
			T5S	6,613	2	0	0	127	7,102	2	0	0	137	7,146	2	0	0	137	4,065	2	0	0	78
			T5M	6,625	3	0	1	127	7,114	3	0	1	137	7,159	3	0	1	138	4,017	2	0	1	77
			T5W	6,528	3	0	1	126	7,010	3	0	2	135	7,054	3	0	2	136	4,025	3	0	1	77
			BLC	4,747	2	0	2	91	5,098	2	0	2	98	5,130	2	0	2	99					
			LCCO	4,612	1	0	2	89	4,953	1	0	2	95	4,984	1	0	2	96					
			RCCO	4,612	1	0	2	89	4,953	1	0	2	95	4,984	1	0	2	96					
	700 mA	70 W	T1S	7,786	2	0	2	111	8,361	3	0	3	119	8,413	3	0	3	120	4,783	2	0	2	68
			T2S	8,028	2	0	2	115	8,620	3	0	3	123	8,674	3	0	3	124	4,873	2	0	2	70
			T2M	7,844	3	0	3	112	8,423	3	0	3	120	8,476	3	0	3	121	4,779	2	0	2	68
			T3S	7,834	3	0	3	112	8,413	3	0	3	120	8,465	3	0	3	121	4,815	2	0	2	69
			T3M	7,905	3	0	3	113	8,489	3	0	3	121	8,542	3	0	3	122	4,862	3	0	3	69
			T4M	8,013	3	0	3	114	8,604	3	0	3	123	8,658	3	0	3	124	4,837	3	0	3	69
			TFTM	7,893	3	0	3	113	8,476	3	0	3	121	8,529	3	0	3	122	4,781	3	0	3	68
			T5VS	8,338	2	0	0	119	8,954	3	0	0	128	9,010	3	0	0	129	4,988	2	0	0	71
			T5S	8,400	2	0	0	120	9,020	3	0	1	129	9,076	3	0	1	130	5,063	2	0	0	72
			T5M	8,414	3	0	1	120	9,036	3	0	2	129	9,092	3	0	2	130	5,003	3	0	1	71
			T5W	8,291	3	0	2	118	8,903	3	0	2	127	8,959	3	0	2	128	5,013	3	0	1	72
			BLC	6,044	2	0	2	86	6,490	3	0	3	93	6,530	3	0	3	93					
			LCCO	5,872	1	0	2	84	6,305	1	0	2	90	6,345	1	0	2	91					
			RCCO	5,872	1	0	2	84	6,305	1	0	2	90	6,345	1	0	2	91					
	1000 mA	104 W	T1S	10,648	3	0	3	102	11,434	3	0	3	110	11,506	3	0	3	111					
			T2S	10,979	3	0	3	106	11,789	3	0	3	113	11,863	3	0	3	114					
			T2M	10,727	3	0	3	103	11,519	3	0	3	111	11,591	3	0	3	111					
			T3S	10,714	3	0	3	103	11,505	3	0	3	111	11,577	3	0	3	111					
			T3M	10,812	3	0	3	104	11,610	4	0	4	112	11,682	4	0	4	112					
			T4M	10,958	3	0	3	105	11,767	3	0	3	113	11,841	3	0	3	114					
			TFTM	10,795	3	0	3	104	11,592	3	0	3	111	11,664	4	0	4	112					
			T5VS	11,404	3	0	0	110	12,245	3	0	1	118	12,322	3	0	1	118					
			T5S	11,487	3	0	1	110	12,336	3	0	1	119	12,413	3	0	1	119					
			T5M	11,508	3	0	2	111	12,357	4	0	2	119	12,434	4	0	2	120					
			T5W	11,339	4	0	2	109	12,176	4	0	2	117	12,252	4	0	2	118					
			BLC	7,981	3	0	3	77	8,570	3	0	3	82	8,624	3	0	3	83					
			LCCO	7754	1	0	2	75	8326	2	0	2	80	8378	2	0	2	81					
			RCCO	7754	1	0	2	75	8326	2	0	2	80	8378	2	0	2	81					

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and pedestrian areas.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (0.95 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000 K, 4000 K or 5000 K (70 CRI) or optional 3000 K (70 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 0 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) configurations consist of 20, 30 or 40 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L99/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an

expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

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

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY

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

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

