URBAN DESIGN COMMISSION APPLICATION

UDC

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

FOR OFFICE USE ONLY:

Paid _____ Receipt # _____

Date received _____

Received by _____ 12/23/2020 10:46 a.m. RECEIVED

Aldermanic District _____

Zoning District _____

Urban Design District _____

Submittal reviewed by _____

Legistar # _____

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

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

1. Project Information

Address: 1402 S. Park Street

Title: Six story mixed-use to contain grocery store and structured parking

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

UDC meeting date requested _____

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

3. Project Type

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

Signage

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

Other

- ☐ Please specify

_____

4. Applicant, Agent, and Property Owner Information

Applicant name Brandon Rule (Co-Developer) Company Rule Enterprises LLC

Street address 1023 S. 26th Street City/State/Zip Milwaukee/WI/53204

Telephone (414) 810-2139 Email BRule@ruleenterprisesllc.com

Project contact person Melissa Huggins Company Urban Assets LLC

Street address 807 E. Johnson City/State/Zip Madison/WI/53703

Telephone 608-345-0996 Email melissa@urbanassetsconsulting.com

Property owner (if not applicant) (Co-Developer) Megan Schuetz - Movin' Out, Inc.

Street address 902 Royster Oaks Drive STE 105 City/State/Zip Madison/WI/53714

Telephone (608) 692-1667 Email ms@movin-out.org

5. Required Submittal Materials

- ☑ **Application Form**
- ☑ **Letter of Intent**
  - If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required
  - For signage applications, a summary of how the proposed signage is consistent with the applicable CDR or Signage Variance review criteria is required.
- ☑ **Development Plans** (Refer to checklist on Page 4 for plan details)
- ☐ **Filing fee**
- ☑ **Electronic Submittal***
- ☑ **Notification to the District Alder**
  - Please provide an email to the District Alder notifying them that you are filing this UDC application. Please send this as early in the process as possible and provide a copy of that email with the submitted application.

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

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

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

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

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Janine Glaeser on 10/07/20.

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 Brandon Rule Relationship to property Developer

Authorizing signature of property owner Brandon Rule Date 11/04/20

7. Application Filing Fees

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

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

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

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

— Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)

— Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)

— Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)

— Planned Multi-Use Site or Residential Building Complex

URBAN DESIGN COMMISSION APPROVAL PROCESS

UDC

Introduction

The City of Madison's Urban Design Commission (UDC) has been created to:

- Encourage and promote high quality in the design of new buildings, developments, remodeling, and additions so as to maintain and improve the established standards of property values within the City.
- Foster civic pride in the beauty and nobler assets of the City, and in all other ways possible assure a functionally efficient and visually attractive City in the future.

Types of Approvals

There are three types of requests considered by the UDC:

- Informational Presentation. Applicants may, at their discretion, request to make an Informational Presentation to the UDC prior to seeking any approvals to obtain early feedback and direction before undertaking detailed design. Applicants should provide details on the context of the site, design concept, site and building plans, and other relevant information to help the UDC understand the proposal and provide feedback. (Does not apply to CDR's or Signage Variance requests)
- Initial Approval. Applicants may, at their discretion, request initial approval of a proposal by presenting preliminary design information. As part of their review, the Commission will provide feedback on the design information that should be addressed at Final Approval stage.
- Final Approval. Applicants may request Final Approval of a proposal by presenting all final project details. Recommendations or concerns expressed by the UDC in the initial approval must be addressed at this time.

Presentations to the Commission

Primarily, the UDC is interested in the appearance and design quality of projects. Emphasis should be given to the site plan, landscape plan, lighting plan, building elevations, exterior building materials, color scheme, and graphics.

When presenting projects to the UDC, applicants must fill out a registration slip provided in the meeting room and present it to the Secretary. Presentations should generally be limited to 5 minutes or as extended by motion by consent of the Commission. The Commission will withhold questions until the end of the presentation.

Applicants are encouraged to consider the use of various graphic presentation material including a locator map, photographs, renderings/model, scale drawings of the proposal in context with adjacent buildings/uses/signs, etc., as may be deemed appropriate to describe the project and its surroundings. Graphics should be mounted on rigid boards so that they may be easily displayed. **Applicants/presenters are responsible for all presentation materials, AV equipment and easels**.

URBAN DESIGN DEVELOPMENT PLANS CHECKLIST

UDC

The items listed below are minimal application requirements for the type of approval indicated. Please note that the UDC and/or staff may require additional information in order to have a complete understanding of the project.

1. Informational Presentation

- ☐ Locator Map
- ☐ Letter of Intent (If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- ☐ Contextual site information, including photographs and layout of adjacent buildings/structures
- ☐ Site Plan
- ☐ Two-dimensional (2D) images of proposed buildings or structures.

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

Requirements for All Plan Sheets

1. Title block
2. Sheet number
3. North arrow
4. Scale, both written and graphic
5. Date
6. Fully dimensioned plans, scaled at 1"= 40' or larger

*** All plans must be legible, including the full-sized landscape and lighting plans (if required)*

2. Initial Approval

- ☐ Locator Map
- ☐ Letter of Intent (If the project is within a Urban Design District, a summary of how the development proposal addresses the district criteria is required)
- ☐ Contextual site information, including photographs and layout of adjacent buildings/structures
- ☐ Site Plan showing location of existing and proposed buildings, walks, drives, bike lanes, bike parking, and existing trees over 18" diameter
- ☐ Landscape Plan and Plant List (*must be legible*)
- ☐ Building Elevations in both black & white and color for all building sides (include material callouts)
- ☐ PD text and Letter of Intent (if applicable)

Providing additional information beyond these minimums may generate a greater level of feedback from the Commission.

3. Final Approval

All the requirements of the Initial Approval (see above), **plus**:

- ☐ Grading Plan
- ☐ Proposed Signage (if applicable)
- ☐ Lighting Plan, including fixture cut sheets and photometrics plan (*must be legible*)
- ☐ Utility/HVAC equipment location and screening details (with a rooftop plan if roof-mounted)
- ☐ PD text and Letter of Intent (if applicable)
- ☐ Samples of the exterior building materials (presented at the UDC meeting)

4. Comprehensive Design Review (CDR) and Variance Requests (***Signage applications only***)

- ☐ Locator Map
- ☐ Letter of Intent (a summary of how the proposed signage is consistent with the CDR or Signage Variance criteria is required)
- ☐ Contextual site information, including photographs of existing signage both on site and within proximity to the project site
- ☐ Site Plan showing the location of existing signage and proposed signage, dimensioned signage setbacks, sidewalks, driveways, and right-of-ways
- ☐ Proposed signage graphics (fully dimensioned, scaled drawings, including materials and colors, and night view)
- ☐ Perspective renderings (emphasis on pedestrian/automobile scale viewsheds)
- ☐ Illustration of the proposed signage that meets Ch. 31, MGO compared to what is being requested.
- ☐ Graphic of the proposed signage as it relates to what the Ch. 31, MGO would permit

Wednesday, November 4, 2020

Ms. Janine Glaeser, AIA.
City of Madison
Department of Planning & Community& Economic Development
Madison Municipal Building, Suite 017
215 Martin Luther King Jr. Blvd.
Madison, WI 53703

Re: Letter of Intent
1402 South Park Street
AA# 20005.

Ms. Glaeser;

The following is submitted together, with Plans and Application for an Initial/ Final Review of the Urban Design Commission in preparation for Referral to the City of Madison Plan Commission.

Rule Enterprises LLC and Movin' Out are a joint venture formed to develop the site known as "Truman Olson" located at 1402 South Park Street. As you have been following, the joint venture team have been chosen by the City of Madison's Common Council as the preferred developer team in response to the Request for Proposal, have worked closely with the Cedar Street extensions and engineering design, and having engaged in multiple steering committee and community meetings, including with Alders Tag Evers and Sheri Carter to bring to before Urban Design Commission a design that reflects the Community's desire for food continuity, affordable housing and convenient parking for autos and bicycles.

The Truman Olson site has been prepared for development by the City, and is shovel ready with no additional known structures on site. According to the recent Certified Survey Map, dated August 05, 2020, the site is 115, 311 square feet in area or 2.6472 acres. Topography marks range from 861' to 860' east to west, 861 north to south with a low swale mid-point on the south property line at 853'. Site currently drains south to a catchment basin and is apparently discharged south across the property line. Additional challenges to this site is that the western property storm water, sheet drains across this property.

Proposed building program for this site is a mixed-use building is approximately 269,000 square feet in area, providing:

- 24,800 square feet of first floor commercial retail space for a grocery store and flexible community meeting space, centered around access to food.
- 179, 800 square feet of residential housing, which include 150 -one, two, three-bedroom units and unique town-home walkup style 3-bedroom apartments.
- 54,000 square feet of open structured parking providing parking for 161 automobiles and 134 bicycles[1].

[1] 60 Spaces allocated to Luna's Groceries per their request - additional details to be discussed.

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- 10,200 square feet of tenant amenity space including, Roof-top terrace, community, fitness, child care and homework nooks.

Design Narrative and UDD#7 Compliance:
We use the newly formed intersection of Park Street and Cedar Street as an opportunity to create an urban street edge and entry element, featuring street level views into the grocery store, and a prominent 6-story height of housing above. We employ the "step-back" requirement on the Park Street elevation, paired with a 10'-0" setback from the property line to create a more pedestrian friendly environment along the very busy street. At mid-block the structure steps down a story, and we've designed the townhomes to conceal the northern and western façade of the parking structure.

Main entries for the Grocer and apartments will be mid-block, with extensive opportunity for interaction at a pedestrian scale, including a proposed entry at the corner of Park and Cedar to take advantage of the access to transit. Plans have been updated to include landscaping and opportunities to engage an outdoor space for meeting and quick casual dining along the sidewalk.

Featured in this update are:

- Three decks of open structured parking providing for 161 automobiles (to be shared between resident and commercial users). Parking structure is accessed from Cedar Street, is constructed of precast concrete, steel cable railings and a stretch-goal of a precast façade to mimic column spacing on the Cedar Street Elevation. On-street "short-term" parking has been accommodated within the extension of Cedar Street.
- Bicycle parking for 192 total bicycle parks, including 34 secure exterior spots and 158 bicycle parking scattered within the garage and individual apartment storage areas.
- Proposed 4,000 square feet of resident roof top terrace, which fulfills 2/3 of Open Space requirement, the balance of which is located within the outdoor seating area, and areas adjacent to the green space to the north west.
- A service drive along the south property line used for deliveries to the grocer, refuse pickup and fire lane access.
- Bird -Safe Glazing, at large storefront windows in excess of 50-square feet, to comply with Code of Ordinances.
- Intentional user engagement at the sidewalk level including areas to sit and dine.

Urban Design Commission Comments & Design Response from October 7, 2020:
We appreciate all the thoughtful comments from the Urban Design Committee, which help refine our design to develop the Cedar Street massing and proposed detailing into two distinct visual forms, while retaining efficiency of a single building.

Additionally, from the Report and our notes:

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- Exterior material selection is a combination of masonry, metal panel and composite wood siding, and we have adjusted the form of the building into manageable modules, including the suggestion of breaking the building up into “two distinct elements” as the development moves west on Cedar Street.
    - The material board is provided as a key to elevations, as the massing renderings suggest color as accurately as possible.
- We’ve re-considered the “massing above the store” to create a warm masonry solution, and a corner presence that accentuates a lively commercial use below. We feel this also creates a sense of place and home with additional detailing at windows and openings. This also provides additional area for building identification signage
- Simplification of materials focuses on major elevations engaging the user, and the street, which utilizes a masonry blend to provide a subtle variation of color warmth to the mass, and using a bold panel color to balance and anchor our building composition.
- Easy access to the site by bicycle is supported with reasonable amount of secure parking, to include housing residents, grocery users as well as guests and the general public. We agree that having connected links for bicycles includes safe and secure parking options at the destination.
- Engagement along the corner has been enhanced- including a storefront entry which is adjacent to off-site transit & pedestrian access, and appropriate landscaping walls and features to enhance the grading challenges from the street to the building. These provide those semi-protected “see and be seen” public areas which reinforce livability.

We appreciate the time you’ve taken to review our updated planning and design as this project continues into Design Development stages.

Regards,

Edward Haydin AIA
Architect.

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Marcus Pearson

From: quinn@urbanassetsconsulting.com
Sent: Tuesday, September 8, 2020 1:46 PM
To: Debbie Fields - City of Madison Common Council (dfields@cityofmadison.com); district13 @cityofmadison.com; district14@cityofmadison.com
Cc: Marcus Pearson; melissa@urbanassetsconsulting.com
Subject: Truman Olson Neighborhood Meeting #4 Postcard Text
Attachments: Postcard text Neighborhood Meeting #4.docx

Hi, Debbie, and Alder(s) Carter and Ever,

Attached, please find the postcard text for the 4th Truman Olson Neighborhood Meeting scheduled on September 30th. My understanding is that we would like to have this postcard translated in Spanish and Hmong as well.

Debbie, would you please let me know if there is anything else Urban Assets needs to do regarding this mailing?

Thank you,
Quinn

We have collaborated and consulted the District 13 and District 14 Alders throughout every step of the process. They are well-aware of the development timeline and our intent to submit our LUA/UDC applications on 11/4/20.

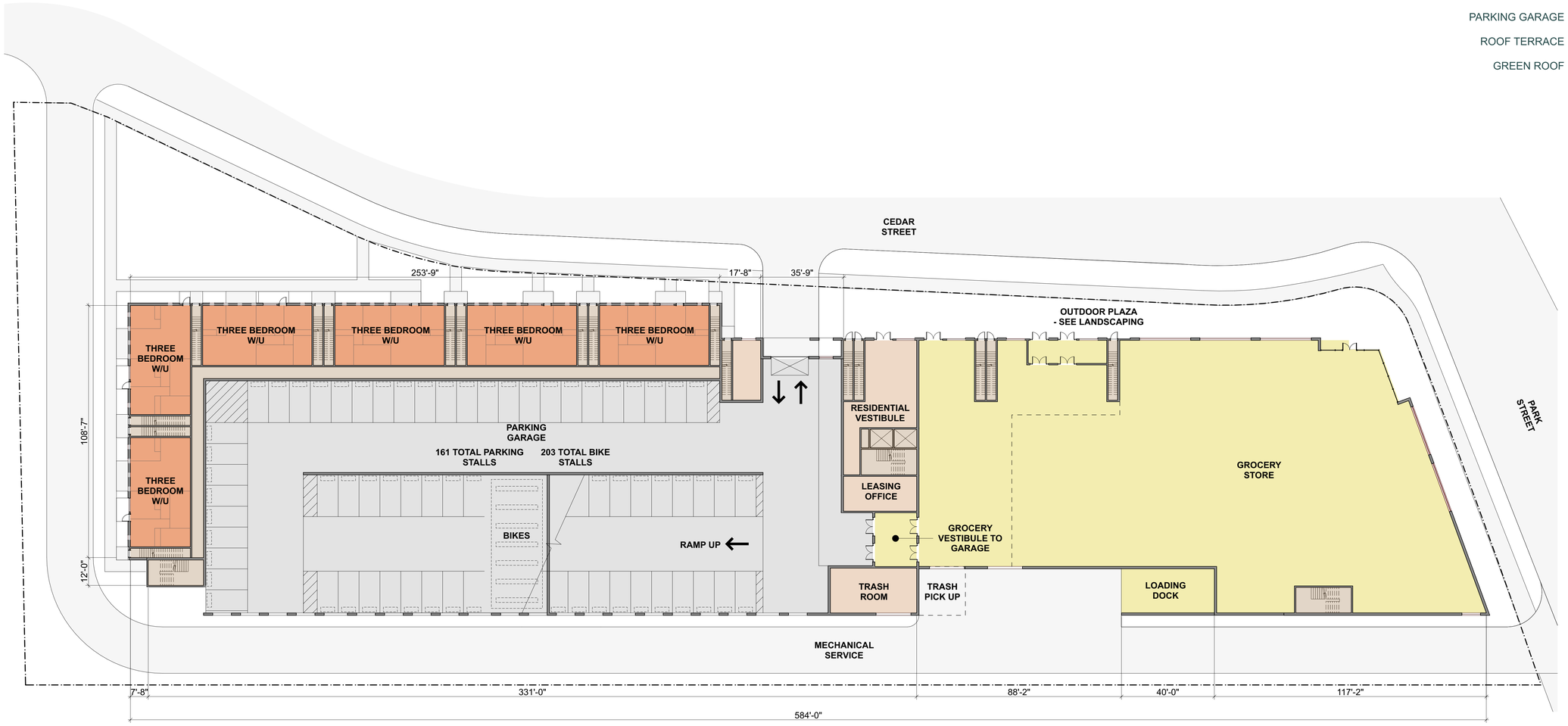
Please contact Alder Evers and Alder Carter to confirm, if necessary.

TITLE SHEET – T100

Architectural (A)	
A100	First Floor Plan
A101	Second Floor Plan
A102	Third Floor Plan
A103	Fourth Floor Plan
A104	Fifth Floor Plan
A105	Sixth Floor Plan
A106	Roof Plan
A200	Elevations
A201	Rendering
A202	Rendering
A203	Elevations (black and white)
A204	Elevations (zoomed in with materials)
A205	Elevations (zoomed in with materials)
A206	Elevations (zoomed in with materials)
A207	Renderings
A208	Renderings
A209 & A210	Renderings
Civil (C)	
C100	General Stormwater Plan
C200	Grading, Seeding, and Resotoration
C300	Utility Plan
C400	Utility Plan
Landscaping (L)	
L100	Site Plan Layout
L200	Planting Plan
L300	Landscape Details
Photometrics (P)	
P100	1402 S Park Lighting Layout
P200	Lithonia RSX Area Lighting
P300	Pole SSS Quick Ship
P400	RBL™-Spec
P500	WDGE3 LED

FIRST FLOOR PLAN

- GROCERY STORE
- COMMON SPACE
- ONE BEDROOM UNIT
- TWO BEDROOM UNIT
- THREE BEDROOM UNIT
- CIRCULATION
- MECHANICAL / SERVICE
- PARKING GARAGE
- ROOF TERRACE
- GREEN ROOF



SCALE: 1" = 20'-0"

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53214

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www.galbraithcarnahan.com

PROJECT INFORMATION

FOURTEEN02 ON PARK
MIXED-USE DEVELOPMENT

TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	11-24-2020
PROJECT NUMBER	TOSITE

SET TYPE

LAND USE APPLICATION

A100

SECOND FLOOR PLAN

- GROCERY STORE
- COMMON SPACE
- ONE BEDROOM UNIT
- TWO BEDROOM UNIT
- THREE BEDROOM UNIT
- CIRCULATION
- MECHANICAL / SERVICE
- PARKING GARAGE
- ROOF TERRACE
- GREEN ROOF

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MADISON, WISCONSIN

DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	11-24-2020
PROJECT NUMBER	TOSITE

SET TYPE

LAND USE APPLICATION

A101

THIRD FLOOR PLAN

- GROCERY STORE
- COMMON SPACE
- ONE BEDROOM UNIT
- TWO BEDROOM UNIT
- THREE BEDROOM UNIT
- CIRCULATION
- MECHANICAL / SERVICE
- PARKING GARAGE
- ROOF TERRACE
- GREEN ROOF

SCALE: 1" = 20'-0"

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DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	11-24-2020
PROJECT NUMBER	TOSITE

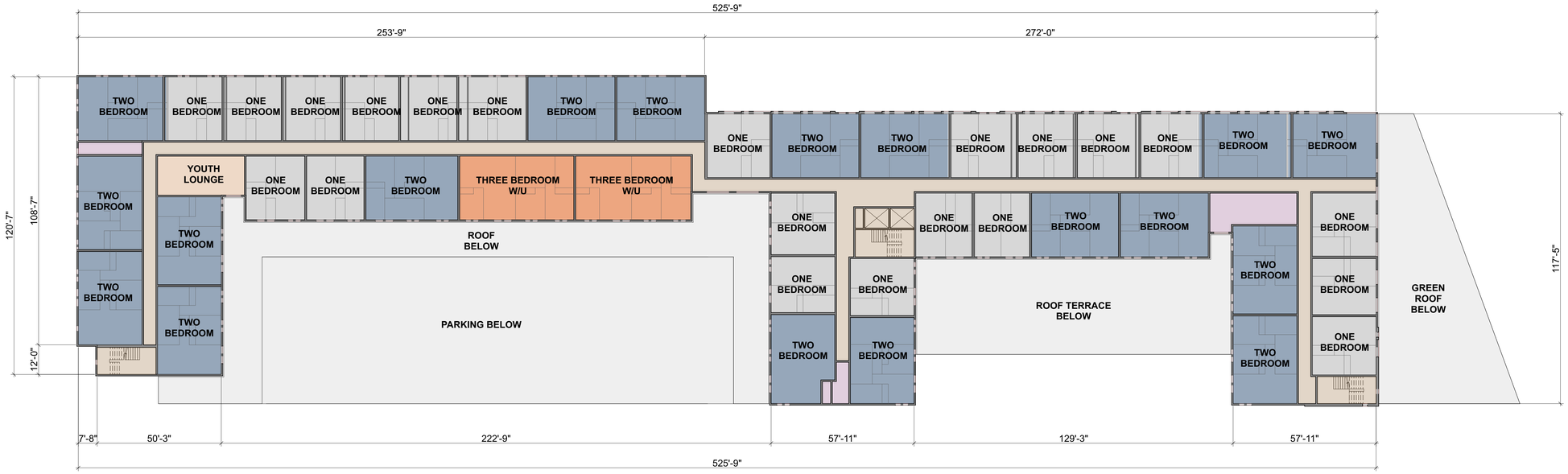
SET TYPE

LAND USE APPLICATION

A102

FOURTH FLOOR PLAN

- GROCERY STORE
- COMMON SPACE
- ONE BEDROOM UNIT
- TWO BEDROOM UNIT
- THREE BEDROOM UNIT
- CIRCULATION
- MECHANICAL / SERVICE
- PARKING GARAGE
- ROOF TERRACE
- GREEN ROOF



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FOURTEEN02 ON PARK
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DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	11-24-2020
PROJECT NUMBER	TOSITE

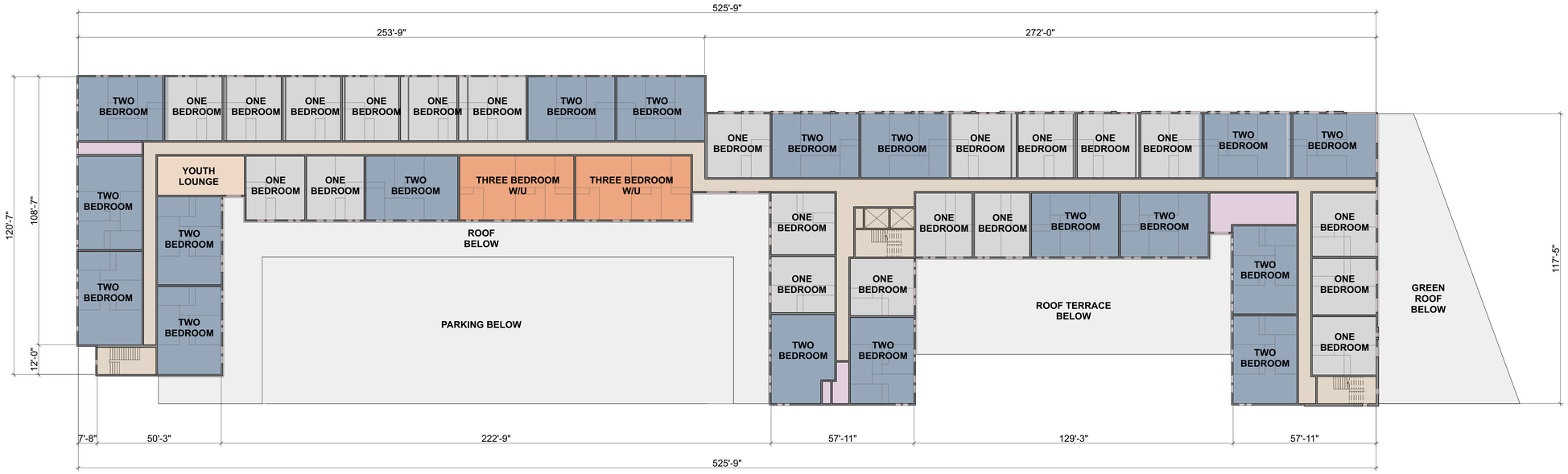
SET TYPE

LAND USE APPLICATION

A103

FIFTH FLOOR PLAN

- GROCERY STORE
- COMMON SPACE
- ONE BEDROOM UNIT
- TWO BEDROOM UNIT
- THREE BEDROOM UNIT
- CIRCULATION
- MECHANICAL / SERVICE
- PARKING GARAGE
- ROOF TERRACE
- GREEN ROOF



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PROJECT INFORMATION

FOURTEEN02 ON PARK
MIXED-USE DEVELOPMENT

TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	11-24-2020
PROJECT NUMBER	TOSITE

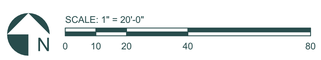
SET TYPE

LAND USE APPLICATION

A104

SIXTH FLOOR PLAN

- GROCERY STORE
- COMMON SPACE
- ONE BEDROOM UNIT
- TWO BEDROOM UNIT
- THREE BEDROOM UNIT
- CIRCULATION
- MECHANICAL / SERVICE
- PARKING GARAGE
- ROOF TERRACE
- GREEN ROOF



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PROJECT INFORMATION

FOURTEEN02 ON PARK
MIXED-USE DEVELOPMENT

TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	11-24-2020
PROJECT NUMBER	TOSITE

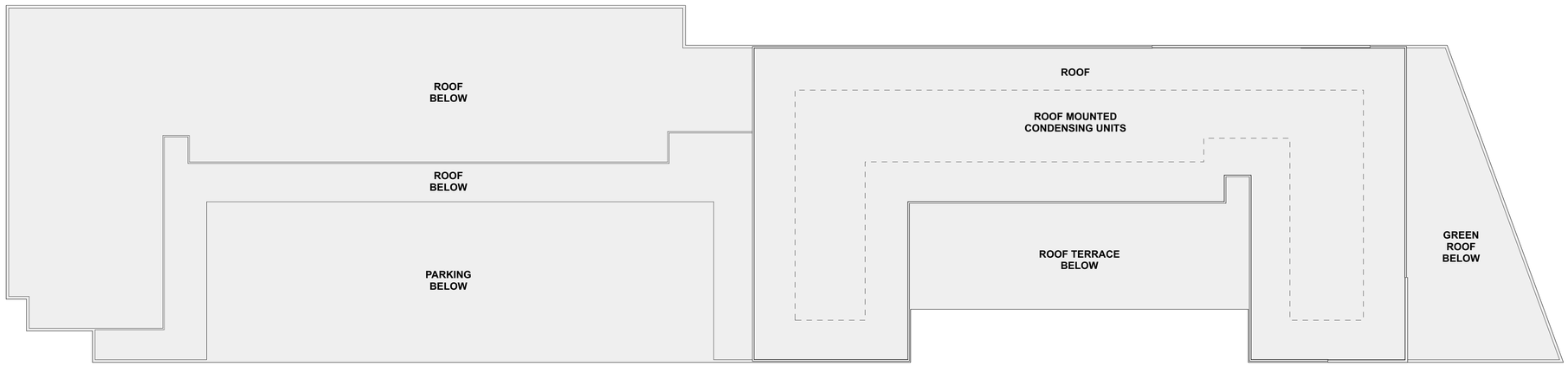
SET TYPE

LAND USE APPLICATION

A105

ROOF PLAN

- GROCERY STORE
- COMMON SPACE
- ONE BEDROOM UNIT
- TWO BEDROOM UNIT
- THREE BEDROOM UNIT
- CIRCULATION
- MECHANICAL / SERVICE
- PARKING GARAGE
- ROOF TERRACE
- GREEN ROOF



SCALE: 1" = 20'-0"

0 10 20 40 80

ARC-INT
ARCHITECTURE

131 WEST SEEBOTH ST
SUITE 230
MILWAUKEE WISCONSIN
53214

(414) 688 4368
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GALBRAITH CARNAHAN ARCHITECTS

6404 West North Avenue
Milwaukee, Wisconsin 53213
(414) 291-0772 phone
www.galbraithcarnahan.com

PROJECT INFORMATION

FOURTEEN02 ON PARK
MIXED-USE DEVELOPMENT

TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	11-24-2020
PROJECT NUMBER	TOSITE

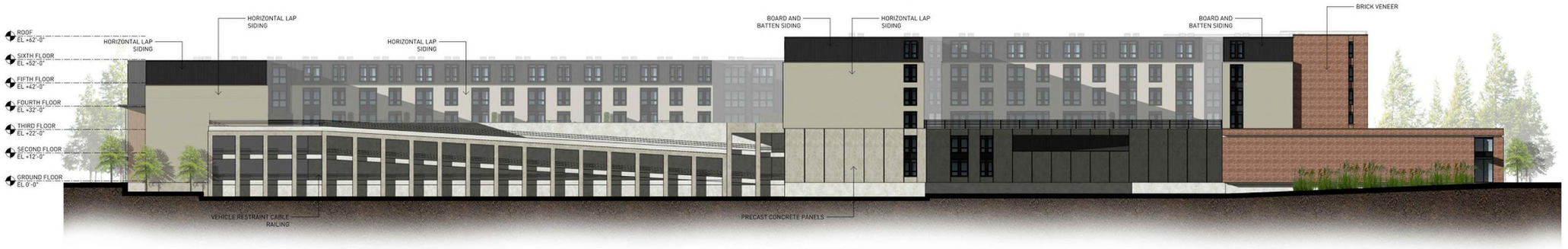
SET TYPE

LAND USE APPLICATION

A106

NORTH ELEVATION

SCALE = 1" = 20'-0"



SOUTH ELEVATION

SCALE = 1" = 20'-0"

WEST ELEVATION

SCALE = 1" = 20'-0"

EAST ELEVATION

SCALE = 1" = 20'-0"

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DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	12-08-2020
PROJECT NUMBER	TOSITE

NOT FOR CONSTRUCTION

PHASE
DESIGN DEVELOPMENT

A200

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DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	12-08-2020
PROJECT NUMBER	TOSITE

NOT FOR CONSTRUCTION

DESIGN DEVELOPMENT

A209

A201

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UDC INFORMATION SUBMITTAL	09-01-2020
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SHEET INFORMATION

DATE	12-08-2020
PROJECT NUMBER	TOSITE

NOT FOR CONSTRUCTION

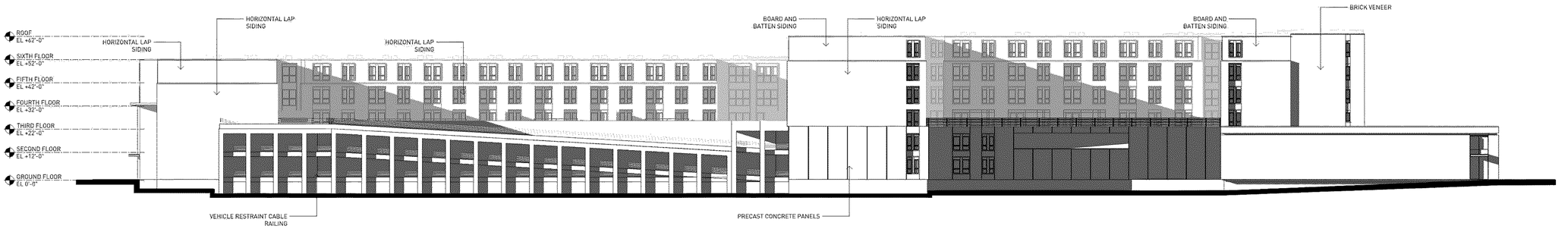
DESIGN DEVELOPMENT

A209

A202

NORTH ELEVATION

SCALE = 1" = 20'-0"

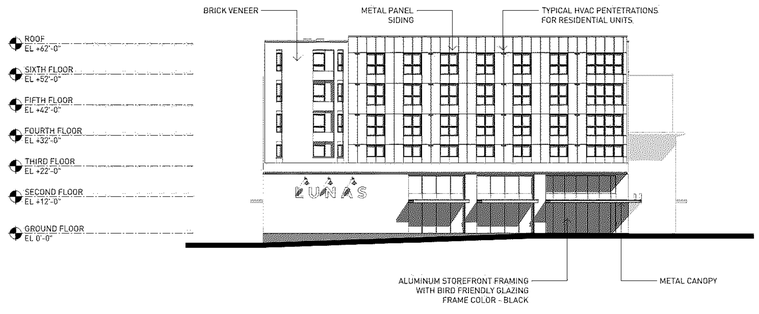


SOUTH ELEVATION

SCALE = 1" = 20'-0"

WEST ELEVATION

SCALE = 1" = 20'-0"



EAST ELEVATION

SCALE = 1" = 20'-0"

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SHEET INFORMATION

DATE	12-08-2020
PROJECT NUMBER	TOSITE

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PHASE
DESIGN DEVELOPMENT

A201

A203

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SHEET INFORMATION

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PROJECT NUMBER	TOSITE

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DESIGN DEVELOPMENT

A202

A204

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LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

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PROJECT NUMBER	TOSITE

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DESIGN DEVELOPMENT

A203

A205

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LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	12-08-2020
PROJECT NUMBER	TOSITE

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DESIGN DEVELOPMENT

A204

A206

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DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	12-08-2020
PROJECT NUMBER	TOSITE

NOT FOR CONSTRUCTION

DESIGN DEVELOPMENT

A205

A207

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DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	12-08-2020
PROJECT NUMBER	TOSITE

NOT FOR CONSTRUCTION

PHASE
DESIGN DEVELOPMENT

A206

A208

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PROJECT INFORMATION

FOURTEEN02 ON PARK
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TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING ISSUANCE HISTORY

UDC INFORMATION SUBMITTAL	09-01-2020
LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	12-08-2020
PROJECT NUMBER	TOSITE

NOT FOR CONSTRUCTION

DESIGN DEVELOPMENT

A207

A209

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LAND USE APPLICATION	11-04-2020

SHEET INFORMATION

DATE	12-08-2020
PROJECT NUMBER	TOSITE

NOT FOR CONSTRUCTION

DESIGN DEVELOPMENT

A208

A210

BUILDING FOOTPRINT SHOWN BASED ON ARCHITECTURAL FLOOR PLAN AS PROVIDED TO WYSER ENGINEERING ON 09-28-2020. THIS DRAWING SHOULD NOT BE USED FOR CONSTRUCTION LAYOUT UNTIL FOUNDATION IS VERIFIED BY FINAL STRUCTURAL PLANS. THIS IS THE RESPONSIBILITY OF THE CONTRACTOR.

THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION / PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

NORTH

0' 10' 20' 30'

1"=20' ON 30"X42"
NTS ON 11"X17"

LEGEND (PROPOSED)

- PROPOSED PROPERTY BOUNDARY
- EASEMENT
- BUILDING FOOTPRINT
- 18" CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- STORMWATER TREATMENT FACILITY

STOP SIGN (SOUTH) AND DO NOT ENTER SIGN (NORTH)

34'X9' CONCRETE PAD FOR 16 BIKE PARKING STALLS.

CEDAR STREET

STORMWATER MANAGEMENT BIORETENTION BASIN

STORMWATER MANAGEMENT UNDERGROUND STORAGE

10-FOOT PUBLIC UTILITY EASEMENT

2.18-FOOT ADJACENT PARKING IMPROVEMENT EASEMENT

PROPOSED PRIVATE HYDRANT

TWO WAY UNDERGROUND PARKING ENTRY

23'X9' CONCRETE PAD FOR 10 BIKE PARKING STALLS.

ADA RAMP UP TO MAIN COMMERCIAL ENTRY

14'X9' CONCRETE PAD FOR 6 BIKE PARKING STALLS.

ADA RAMP UP TO POTENTIAL SECONDARY COMMERCIAL ENTRY AND RAISED PATIO

25-FOOT VISION TRIANGLE, TYP. TO ALL PUBLIC ROADWAY INTERSECTIONS. NO VISUAL OBSTRUCTIONS ARE ALLOWED BETWEEN THE HEIGHTS OF 30-INCHES AND 10-FEET.

RAISED PATIO AREA

PROPOSED BUILDING
60,000 SF

INTERNAL DUMPSTER IN THIS AREA

LOADING DOCK

STORMWATER MANAGEMENT GREEN ROOFTOP

10-FOOT PUBLIC SIDEWALK EASEMENT

SOUTH PARK STREET (USH 14)

RIGHT-IN ENTRY ONLY

RULE ENTERPRISES

MOVIN' OUT

WYSER ENGINEERING

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS PROVIDED TO WYSER ENGINEERING. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
7. ALL PUBLIC IMPROVEMENTS SHALL BE CONSTRUCTED PER THE CITY OF MADISON ISSUED PLANS UNDER PROJECT NO. _____

SITE INFORMATION BLOCK:

SITE ADDRESS: 1402 PARK STREET
SITE ACREAGE: 115,311 SQ.FT. (2.65 AC)
USE OF PROPERTY: COMMERCIAL/RETAIL
ZONING: TRADITIONAL SHOPPING STREET (TSS) AND URBAN DESIGN DISTRICT 7

SETBACKS:
FRONT YARD: 25-FEET (MAXIMUM)
REAR YARD: 20-FEET
SIDE YARD: 6-FEET

NUMBER OF UNITS: 150

USABLE OPEN SPACE:
REQUIRED: 150 UNITS X 40 SQ.FT. PER UNIT = 6,000 SQ.FT.
PROVIDED: 4,000 SQ.FT. (ROOFTOP DECK)
1,500 SQ.FT. (PATIO)
1,000 SQ.FT. (GREEN SPACE)

TOTAL NUMBER OF EXTERIOR BIKE STALLS: 32

EXISTING IMPERVIOUS SURFACE AREA (DEMO REMOVAL BETWEEN 2010 AND 2014): 93,850 SQ.FT.
ROOFTOP: 15,100 SQ.FT.
PAVED: 3,500 SQ.FT.
GRAVEL: 75,250 SQ.FT.

NEW IMPERVIOUS SURFACE AREA: 96,400 SQ.FT.
ROOFTOP: 68,000 SQ.FT.
STOOP: 850 SQ.FT.
PAVED: 27,550 SQ.FT.

DISTURBANCE LIMITS: 115,311 SQ. FT.
IMPERVIOUS SURFACE AREA ON THE LOT: 96,400 SQ.FT.
MAXIMUM PERCENT IMPERVIOUS: 85%
PERCENT IMPERVIOUS: 83.6%

PROJECT INFORMATION

FOURTEEN02 ON PARK
MIXED-USE DEVELOPMENT

TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING ISSUANCE HISTORY

UDC INFORMATIONAL SUBMITTAL	09-01-2020

SHEET INFORMATION

DATE	08-18-2020
PROJECT NUMBER	TOSITE

SET TYPE

URBAN DESIGN COMMISSION INFORMATIONAL SUBMITTAL

DIGGERS HOTLINE
Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

File: W:\2020\200744_Movin Out – 1402 South Park Street\DWG\20-0744_Civil Design.dwg Layout: Site Plan User: Admin Plotted: Dec 22, 2020 – 2:12pm

NOTE:
SPOT GRADES ARE AS FOLLOWS:
FFE - FINISHED FLOOR GRADE
EP - EDGE OF ASPHALT PAVEMENT
EC - EDGE OF CONCRETE PAVEMENT
BC - BACK OF CURB
SW - EDGE OF SIDEWALK
FG - FINISH GRADE
TW - FINISH GRADE ADJACENT TOP OF WALL
BW - FINISH GRADE ADJACENT BOTTOM OF WALL (NOT FOOTING)

LEGEND (PROPOSED)

- PROPERTY BOUNDARY
- EASEMENT
- BUILDING FOOTPRINT
- 18" CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- 1180 PROPOSED MAJOR CONTOUR
- 1181 PROPOSED MINOR CONTOUR
- STM PROPOSED STORM SEWER
- SILT FENCE
- INLET PROTECTION
- DITCH CHECK
- 1181.25 EP SPOT GRADE
- DRAINAGE GRADE BREAK
- 1.0% DRAINAGE ARROW

BUILDING FOOTPRINT SHOWN BASED ON ARCHITECTURAL FLOOR PLAN AS PROVIDED TO WYSER ENGINEERING ON 09-28-2020. THIS DRAWING SHOULD NOT BE USED FOR CONSTRUCTION LAYOUT UNTIL FOUNDATION IS VERIFIED BY FINAL STRUCTURAL PLANS. THIS IS THE RESPONSIBILITY OF THE CONTRACTOR.

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NORTH
0' 15' 30' 45'
1"=20' ON 30"X42"
NTS ON 11"X17"

GRADING, SEEDING & RESTORATION NOTES

1. ALL GRADES SHOWN ARE FINAL FINISHED SURFACE GRADES.
2. AREAS TO BE SEEDED SHALL HAVE A MINIMUM 6 INCHES TOPSOIL UNLESS OTHERWISE NOTED.
3. AREAS NOT RESTORED WITH EROSION MATTING OR OTHER STABILIZATION MEASURES SHALL BE STABILIZED WITH MULCH.
4. APPLY ANIONIC POLYMER TO DISTURBED AREAS IF EROSION BECOMES PROBLEMATIC.
5. CONTRACTOR SHALL CHISEL-PLOW OR DEEP TILL WITH DOUBLE TINES THE STORMWATER MANAGEMENT FACILITY JUST PRIOR TO SEEDING AND MULCHING TO PROMOTE INFILTRATION.
6. MULCH SHALL BE WEED-FREE STRAW AND SHALL BE INSTALLED AT THE RATE OF 2 TONS PER ACRE PER SECTION 627 OF "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" (WISDOT 2014)
7. PERMANENT SEEDING SHALL NOT OCCUR BETWEEN SEPTEMBER 15TH AND APRIL 15TH. ALTERNATE SEEDING/PLANTING METHODS AND/OR EROSION PROTECTION MAY BE NECESSARY FOR SEEDING/PLANTING THAT OCCURS DURING THAT TIME. COORDINATE WITH THE OWNER AS NECESSARY.
8. TEMPORARY STABILIZATION SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING OPTIONS:
   a. TEMPORARY SEEDING CONSISTING OF ANNUAL RYE GRASS APPLIED AT A RATE OF 1.5 LBS PER 1000 SQUARE FEET,
   b. WISDOT PAL CLASS I TYPE B URBAN EROSION CONTROL MAT.

CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

1. POST WDNR CERTIFICATE OF PERMIT COVERAGE AND MUNICIPAL EROSION CONTROL PERMITS ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
2. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
3. ENGINEER / CITY OF MADISON / WDNR HAS THE RIGHT TO REQUIRE CONTRACTOR TO IMPLEMENT ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY. CONTRACTOR MUST HAVE A PRE CONSTRUCTION MEETING WITH THE CITY OF MADISON BUILDING INSPECTOR TWO (2) WORKING DAYS IN ADVANCE OF ANY SOIL DISTRUBANCE ACTIVITIES.
4. SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
5. THE SITE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
6. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
7. WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS); MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
8. REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT http://dnr.wi.gov/topic/stormwater/standards/const_standards.html.
9. INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
10. INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060 AND DANE COUNTY REQUIREMENTS FOR FRAMED INLET PROTECTION.
11. CONTRACTOR TO PROVIDE SOLID LID OR METAL PLATE ON ALL OPEN MANHOLES DURING CONSTRUCTION TO MINIMIZE SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM.
12. STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
13. PERMITTING OF GROUNDWATER DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR. GROUNDWATER DEWATERING IS SUBJECT TO A DNR WASTEWATER DISCHARGE PERMIT AND A DNR HIGH CAPACITY WELL APPROVAL, IF CUMULATIVE PUMP CAPACITY IS 70 GPM OR MORE.
14. PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DE-WATERING #1061.
15. COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS OR WET PONDS PRIOR TO MASS LAND DISTURBANCE TO CONTROL RUNOFF DURING CONSTRUCTION. REMOVE SEDIMENT AS NEEDED TO MAINTAIN 3 FEET OF DEPTH TO THE OUTLET, AND PROPERLY DISPOSE OF SEDIMENT REMOVED DURING MAINTENANCE (REFER TO NR 528). CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER WDNR TECHNICAL STANDARD SEDIMENT BASIN #1064 AND SEDIMENT TRAP # 1063.
16. CONSTRUCT AND PROTECT THE BIOINFILTRATION BASIN AND VEGETATION FROM RUNOFF AND SEDIMENT DURING CONSTRUCTION. REFERENCE THE WDNR TECHNICAL STANDARD BIORETENTION FOR INFILTRATION # 1004.
17. INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
18. REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
19. INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS # 1071.
20. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL. IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
21. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
22. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
23. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE AUTHORITIES WITH JURISDICTION. SEPARATE SWEPT MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
24. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES # 1068.
25. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
26. COORDINATE WITH THE AUTHORITIES WITH JURISDICTION TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
27. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS CLASS I TYPE B EROSION CONTROL MATTING. INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
28. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS II TYPE B EROSION CONTROL MATTING UNLESS OTHERWISE SPECIFIED ON THE PLAN. INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
29. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
30. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND REDEVELOPMENT RACKING SYSTEM (BRRTS) PUBLIC DATABASE AT: http://dnr.wi.gov/botw/
31. INSTALL AND MAINTAIN A CONCRETE WASHOUT BASIN PER EPA 833-F-11-006: https://www3.epa.gov/npdes/pubs/concretewashout.pdf. REQUIRE USE BY ALL CONCRETE CONTRACTORS. LIQUID MAY BE REUSED IN CONCRETE MIXING, EVAPORATED, OR DISPOSED OF AS WASTEWATER.

GENERAL NOTES

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2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
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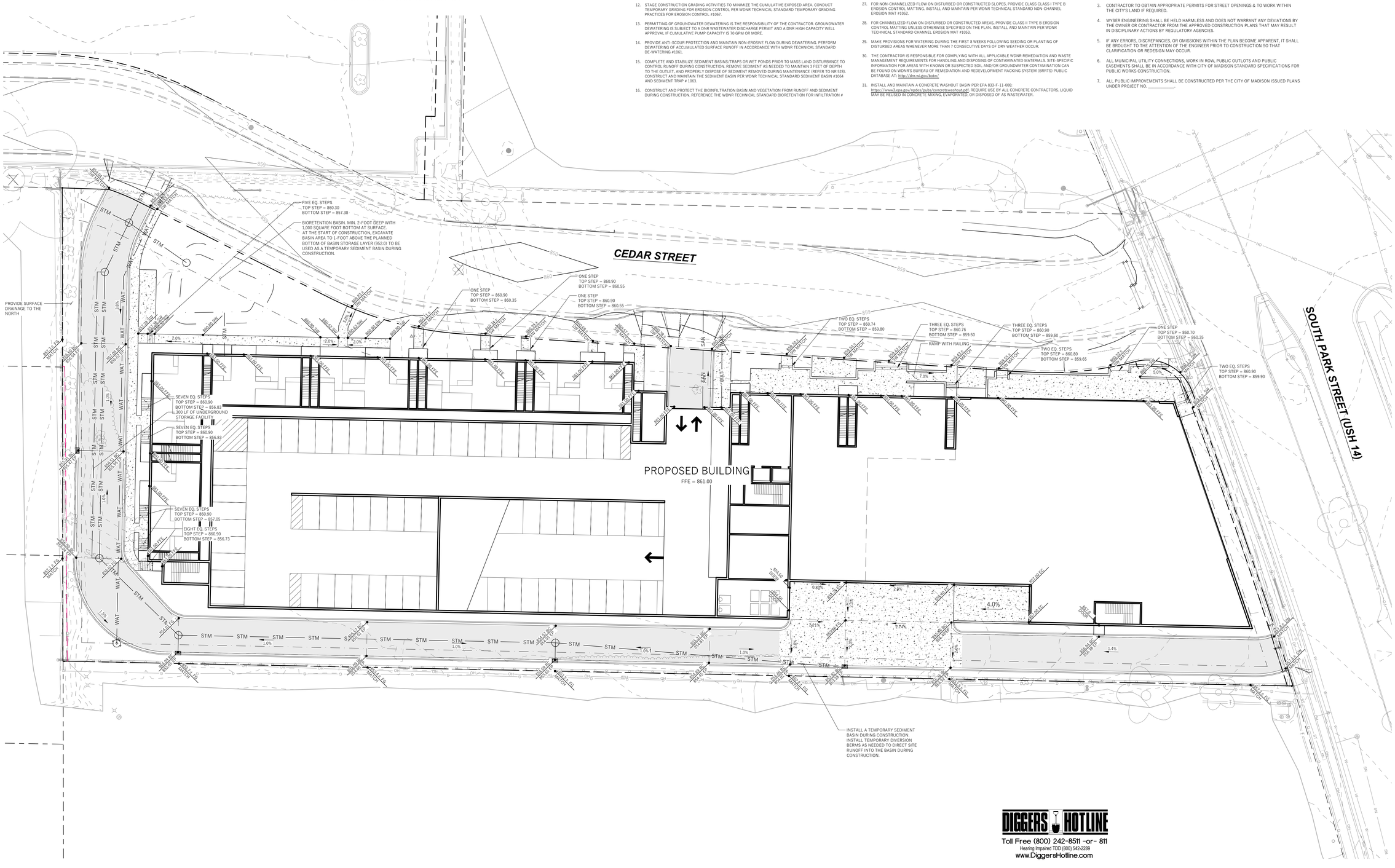

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RULE ENTERPRISES
MOVIN' OUT
WYSER ENGINEERING

PROJECT INFORMATION

FOURTEEN02 ON PARK
MIXED-USE DEVELOPMENT

TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING ISSUANCE HISTORY

UDC INFORMATIONAL SUBMITTAL	09-01-2020

SHEET INFORMATION

DATE	08-18-2020
PROJECT NUMBER	TOSITE

SET TYPE

URBAN DESIGN COMMISSION INFORMATIONAL SUBMITTAL

NORTH

0' 15' 30' 45'

1"=20' ON 30"X42"
NTS ON 11"X17"

LEGEND (PROPOSED)

- PROPOSED PROPERTY BOUNDARY
- EASEMENT
- BUILDING FOOTPRINT
- 18" CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- WAT — PROPOSED WATER MAIN
- SAN — PROPOSED SANITARY SEWER
- STM — PROPOSED STORM SEWER
- GAS — PROPOSED GAS SERVICE (DESIGN BY OTHERS)
- E — PROPOSED ELECTRIC SERVICE (DESIGN BY OTHERS)
- STORMWATER TREATMENT FACILITY

BUILDING FOOTPRINT SHOWN BASED ON ARCHITECTURAL FLOOR PLAN AS PROVIDED TO WYSER ENGINEERING ON 09-28-2020. THIS DRAWING SHOULD NOT BE USED FOR CONSTRUCTION LAYOUT UNTIL FOUNDATION IS VERIFIED BY FINAL STRUCTURAL PLANS. THIS IS THE RESPONSIBILITY OF THE CONTRACTOR.

THE RIGHT-OF-WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION / PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

UTILITY NOTES

1. DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
2. LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY ALL ELEVATIONS, LOCATIONS, AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH ENGINEERING PLANS DESIGNED TO MEET ORDINANCES AND REQUIREMENTS OF THE MUNICIPALITY AND WISDOT, WISDSPS, AND WDNR.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
   - EXAMINING ALL SITES CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
   - OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY.
   - VERIFYING UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
   - NOTIFYING ALL UTILITIES PRIOR TO THE INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
   - NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED, IF REQUIRED. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
10. ANY SANITARY SEWER , SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE. NO BLASTING IS ALLOWED WITHIN 30 FEET OF EXISTING UTILITIES.
11. ALL PRIVATE INTERCEPTOR WATER MAIN AND WATER SERVICES SHALL BE INSTALLED WITH A 6' MINIMUM BURY. PROVIDE INSULATION ABOVE PIPES WITH LESS THAN 5' OF GROUND COVER.
12. GRANULAR BACKFILL MATERIALS ARE REQUIRED IN ALL UTILITY TRENCHES UNDER SIDEWALKS AND PROPOSED PAVED AREAS (UNLESS OTHERWISE SPECIFIED BY A GEOTECHNICAL ENGINEER). ALL UTILITY TRENCH BACKFILL SHALL BE COMPACTED PER SPECIFICATIONS. ALL PAVEMENT PATCHING SHALL COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. ADDITIONAL PAVEMENT MILLING AND OVERLAY MAY BE REQUIRED BY PERMIT.
13. CONTRACTOR SHALL NOTIFY THE MUNICIPAL PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.
14. ALL NON-METALLIC BUILDING SEWER AND WATER SERVICES MUST BE ACCOMPANIED BY MEANS OF LOCATING UNDERGROUND PIPE. TRACER WIRE VALVE BOXES SHALL BE INSTALLED ON ALL LATERALS AND AS INDICATED ON THESE PLANS.
15. ALL EXTERIOR CLEANOUTS SHALL BE PROVIDED WITH A FROST SLEEVE IN ACCORDANCE WITH SPS 382.34(5)(a)b AND SPS 384.30(2)(c).
16. ALL PRIVATE PLUMBING MATERIALS SHALL CONFORM TO SPS 384.30.
17. ALL PRIVATE PIPE JOINTS SHALL BE INSTALLED PER SPS 384.40.
18. ALL PRIVATE WATER PIPE, INCLUDING DEPTH AND SERRATION REQUIREMENTS, SHALL BE IN ACCORDANCE WITH SPS 382.40(8).
19. THE CONTRACTOR SHALL ALLOW 10 WORKING DAYS FOR THE CONSTRUCTION OF GAS MAINS WHEN SCHEDULING THE WORK AND SHALL NOT RESTRICT ACCESS TO THE GAS MAIN CONTRACTOR OR OTHER UTILITY COMPANIES.
20. INLET CASTINGS SHALL BE SET TO GRADE PRIOR TO AND SEPARATE FROM THE POURING OF THE CONCRETE CURB AND GUTTER. IS IS REQUIRED THAT THREE FEET OF CONCRETE CURB AND GUTTER ON EACH SIDE OF THE INLET SHALL BE POURED BY HAND, NOT THROUGH THE USE OF A CURB MACHINE. THE INLET CASTING SHALL BE SET TO GRADE ON A BED OF MORTAR WHICH SHALL BE A MINIMUM OF TWO INCHES THICK. THE INLET SHALL BE PLACED ON THE MORTAR BED AND SHALL BE ADJUSTED TO GRADE BY APPLYING DIRECT PRESSURE TO THE CASTING. ONCE THE CASTING ADJUSTMENT IS COMPLETE, THREE FEET OF CURB AND GUTTER ON EACH SIDE OF THE CASTING SHALL BE POURED BY HAND.
21. CONTRACTOR SHALL VERIFY AND COORDINATE ALL UTILITY CONNECTIONS WITH THE BUILDING PRIOR TO CONSTRUCTION.
22. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO BE IN CONFORMANCE WITH THE CITY EROSION CONTROL AND STORMWATER ORDINANCE, AND DNR ADMINISTRATIVE RULE NR 216 AT ALL TIMES.

GENERAL NOTES

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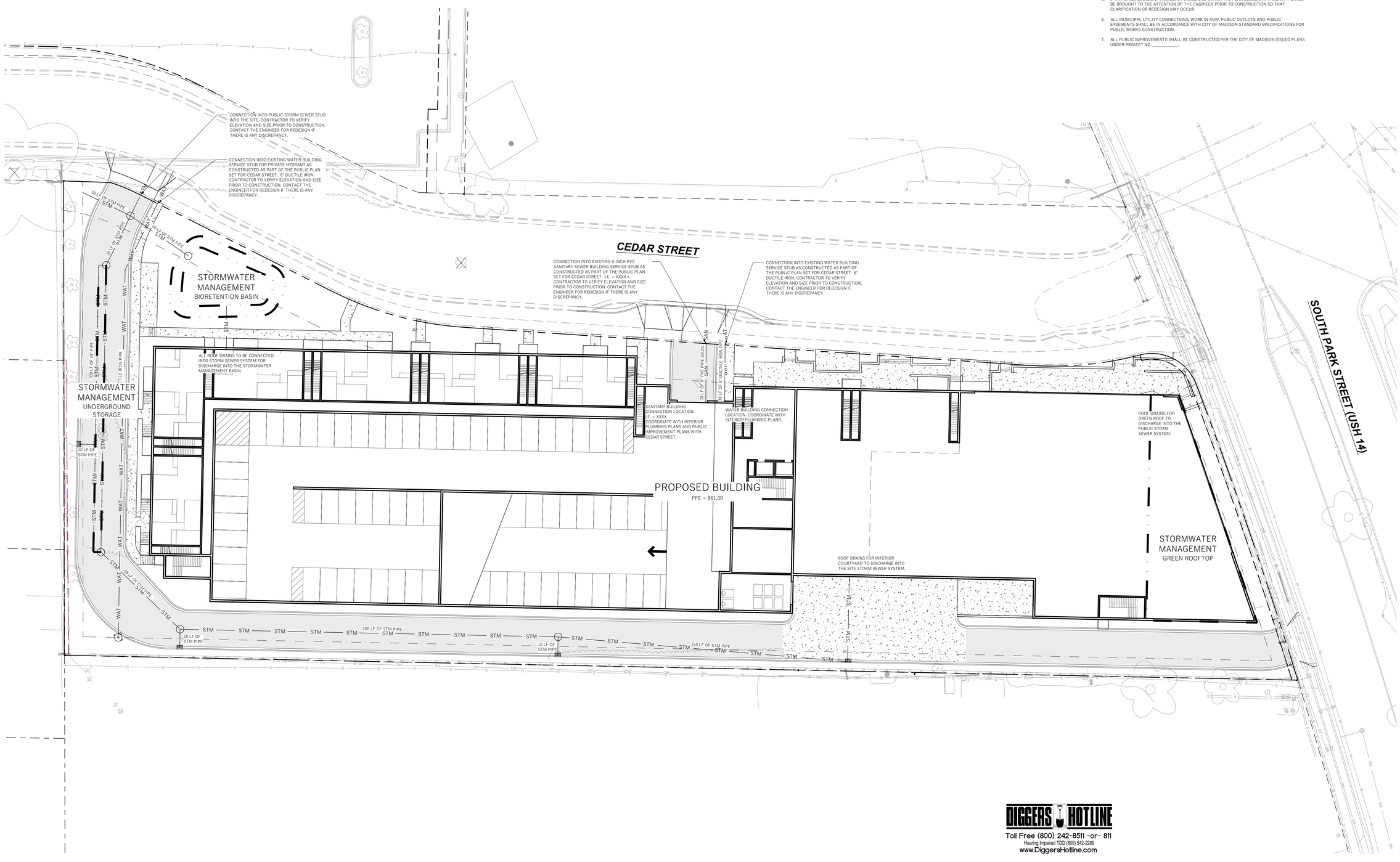

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PROJECT INFORMATION

FOURTEEN02 ON PARK
MIXED-USE DEVELOPMENT

TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING ISSUANCE HISTORY

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SHEET INFORMATION

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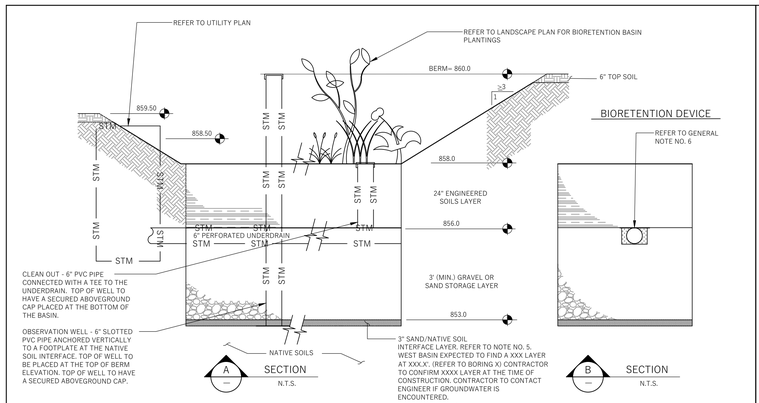


BIORETENTION DEVICE

GENERAL NOTES:

1. 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.
2. CONTRACTOR SHALL PLANT THE BASIN WITH NATIVE PLUGS AND INSTALL A CLASS II EROSION CONTROL MAT (OVERLAPPED AND ANCHORED WITH MIN. 6" LONG HARDWOOD STAKES). CUT AN "X" IN THE MATTING AND AUGER DOWN TO PLACE APPROPRIATE PLANTING PLUGS EVERY 12 INCHES ON CENTER.
3. CONTRACTOR SHALL INSTALL 18" OF ENGINEERED SOIL CONSISTING OF: 70% ASTM C33 SAND AND 30% CERTIFIED COMPOST (SEE GENERAL NOTE 4).
4. CERTIFIED COMPOST SHALL CONSIST OF: >40% ORGANIC MATTER, <60% ASH CONTENT, PH OF 6-8, AND MOISTURE CONTENT OF 35-50% BY WEIGHT.
5. SAND/NATIVE SOIL INTERFACE LAYER SHALL BE FORMED BY A LAYER OF SAND 3 INCHES DEEP, WHICH IS VERTICALLY MIXED WITH THE NATIVE SOIL TO A DEPTH OF 2-4 INCHES. A CONSTRUCTION REPRESENTATIVE MUST BE ON SITE DURING OVER EXCAVATION TO APPROVE OF THE DEPTH AND SOIL TYPES.
6. FILTER FABRIC SHALL BE PLACED ABOVE THE PERFORATED PIPE, BETWEEN THE PEA GRAVEL AND THE ENGINEERED SOIL, A WIDTH OF 4 FEET CENTERED OVER THE FLOW LINE OF THE PIPE.
7. ANNUAL RYE GRASS SHALL BE SEEDED AT 40 LB/ACRE WITH THE SEED MIX IN THE AREAS SURROUNDING THE BASIN, ON SIDE SLOPES, AND OVER ANY LAND THAT DISCHARGES INTO THE BASIN FOR EROSION CONTROL WHEN BASIN IS BROUGHT ON-LINE. ROOTSTOP AND PLUGS ARE REQUIRED TO ESTABLISH VEGETATION AT THE INVERT OF THE BASIN.
8. RUNOFF MUST INFILTRATE WITHIN 24-HOURS. BASINS UNABLE TO MAINTAIN THESE RATES MUST BE DEEP TILLED, REGRADED, AND IF NECESSARY REPLANTED TO RESTORE ORIGINAL INFILTRATION RATES.
9. 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.
10. REFER TO LANDSCAPE PLAN FOR PLANTING REQUIREMENTS.

INFILTRATION 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.

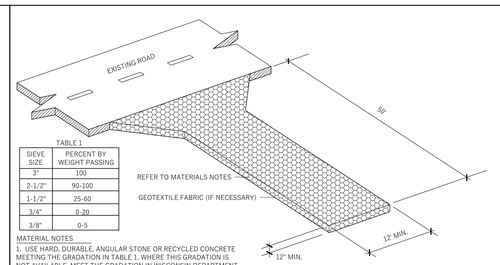


TABLE 1

SIEVE SIZE	PERCENT BY WEIGHT PASSING
3"	100
2-1/2"	90-100
1-1/2"	25-60
3/4"	0-20
3/8"	0-5

MATERIAL NOTES

1. USE HARD, DURABLE, ANGULAR STONE OR RECYCLED CONCRETE MEETING THE GRADATION IN TABLE 1. WHERE THIS GRADATION IS NOT AVAILABLE, MEET THE GRADATION IN WISCONSIN DEPARTMENT OF TRANSPORTATION (DOT) STANDARD SPECIFICATION, SECTION 312 SELECT CRUSHED MATERIAL. USE MATERIAL SUBSTANTIALLY FREE FROM DIRT, DEBRIS, STEEL, VEGETABLE MATTER, AND OTHER DELETERIOUS MATERIAL. PLACE THE AGGREGATE IN A LAYER AT LEAST 12 INCHES THICK.
2. THE TRACKING PAD SHALL BE UNDERLAIN WITH A WIDOT TYPE R GEOTEXTILE FABRIC WHERE WARRANTED BASED ON SOIL TYPE OR HIGH GROUNDWATER.

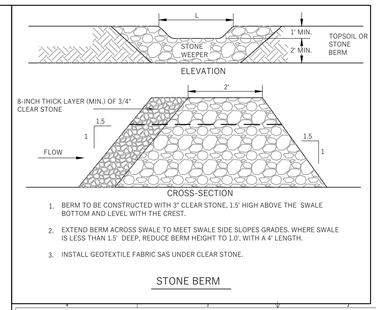
INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF WDNR CONSERVATION PRACTICE STANDARD 1057.
2. INSTALL THE TRACKING PAD ACROSS THE FULL WIDTH OF THE ACCESS POINT, OR RESTRICT EXITING TRAFFIC TO A DEDICATED EGRESS LANE WITH A DRIVING SURFACE AT LEAST 12 FEET WIDE.
3. DIMENSIONS OF THE TRACKING PAD SHALL BE MINIMUM AS NOTED ON THE FIGURE ABOVE.
4. DIVERT SURFACE FLOWS AWAY FROM TRACKING PADS OR CONVEY FLOW UNDER AND/OR AROUND USING CULVERTS AND SWALES. DIRECT RUNOFF FROM TRACKING PADS TO SEDIMENT CONTROL PRACTICES.
5. DO NOT COMPACT AGGREGATE PRIOR TO USE. COMPACTION, GROUTING, OR OTHER MEANS OF CREATING A SMOOTH SURFACE COMPROMISE THE EFFECTIVENESS OF THE TRACKING PAD.
6. TRACKING PAD SHALL BE REMOVED OR INCORPORATED INTO GRAVEL DRIVEWAY ONLY AFTER CONSTRUCTION IS COMPLETE AND THE SITE HAS BEEN STABILIZED.

INSPECTION & MAINTENANCE NOTES

1. STONE TRACKING PADS SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24 HOUR PERIOD.
2. MONITOR AND MAINTAIN DEVICES TO MINIMIZE SHIFTING, RUTTING OF ADJACENT SURFACES, AND STRUCTURAL FAILURE. MAINTAIN A LOOSENED, ROUGH SURFACE BY SCRAPING, LOOSENING, OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
2. ADDITIONAL AGGREGATE SHALL BE PLACED IF THE TRACKING PAD BECOMES BURIED OR IF SEDIMENT IS NOT BEING REMOVED EFFECTIVELY FROM THE VEHICLE TIRES.
3. A MINIMUM 30-FEET WIDE BY 50-FEET LONG BY 12-INCH THICK PAD SHALL BE MAINTAINED AT ALL TIMES. ADD STONE AS NEEDED TO MAINTAIN THE MINIMUM PAD THICKNESS.
4. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
5. ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHOULD BE REMOVED BY STREET CLEANING AT THE END OF EACH WORKING DAY.
6. REMOVE STONES LODGED BETWEEN THE TIRES OF DUAL WHEEL VEHICLES PRIOR TO LEAVING THE CONSTRUCTION SITE.
7. MAINTENANCE SHALL BE COMPLETED AS SOON AS POSSIBLE WITH CONSIDERATION FOR SITE CONDITIONS.
8. REPLACE DAMAGED OR CRUSHED CULVERTS UNDER TRACKING PAD.

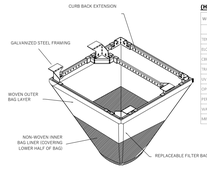
CONSTRUCTION ENTRANCE (STONE TRACKING PAD)



1. BERM TO BE CONSTRUCTED WITH 3" CLEAR STONE, 1.5' HIGH ABOVE THE SWALE BOTTOM AND LEVEL WITH THE CREST.
2. EXTEND BERM ACROSS SWALE TO MEET SWALE SIDE SLOPES GRADES. WHERE SWALE IS LESS THAN 1.5' DEEP, REDUCE BERM HEIGHT TO 1.0', WITH A 4' LENGTH.
3. INSTALL GEOTEXTILE FABRIC SAS UNDER CLEAR STONE.

STONE BERM

FLEXSTORM INLET FILTERS TO MEET DANE COUNTY EROSION CONTROL STANDARDS



(HB) HYBRID FILTER BAG SPECIFICATIONS:

Woven and Non-Woven Geotextile Filter Bag Properties (Minimum Average Roll Values)

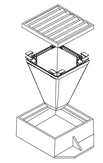
PROPERTY	TEST METHOD	WOVEN (OUTER)	NON-WOVEN (LINER)
TENSILE STRENGTH	ASTM D4632	392 x 235 lbs	180 lbs
ELONGATION	ASTM D4632	30% x 15%	50%
CBR PUNCTURE	ASTM D6241	1000 lbs	55 lbs
TRAPEZOIDAL TEAR	ASTM D4533	125 x 75 lbs	45 lbs
UV RESISTANCE	ASTM D4355	90%	70%
OPENING SIZE (AOS)	ASTM D4751	#16 STD SIEVE	#140 STD SIEVE
PERMITTIVITY	ASTM D4491	1.0 Sec^{-1}	2.0 Sec^{-1}
WATER FLOW RATE	ASTM D4491	80 gal/min/ft^2	145 gal/min/ft^2
MINIMUM FILTER BAG VOLUME		3 CUBIC FT	

CATCH-IT INLET FILTER (Temporary Inlet Protection)

Neenah Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft^3)	Flow Ratings (CFS)		ADS P/N
					HB (Hybrid Bag)	Bypass	
3067	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.0	5.8	62LCBEXTHB
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	1.1	3.3	62LCB3624HB
3030	Square/Rect (SQ)	23 x 16	20.5 x 13.5	1.6	0.7	2.2	62MCB2316HB
3067-C	Square/Rect (SQ)	35.25 x 17.75	33 x 15	3.2	1.0	5.2	62LSQ3618HB
R-2501	Round (RD)	~26	~24	2.3	0.8	5.2	62MRD28HB
R-1772/2560	Round (RD)	22.25-23.5	20.5-21	1.5	0.6	4.6	62MRD22HB

Installation Instructions:
1. Remove grate from the drainage structure
2. Clean stone and dirt from lodge (lip) of drainage structure
3. Drop the inlet filter through the clear opening such that the hangers rest firmly on the lip of the structure
4. Replace the grate and confirm it is not elevated more than 1/8"

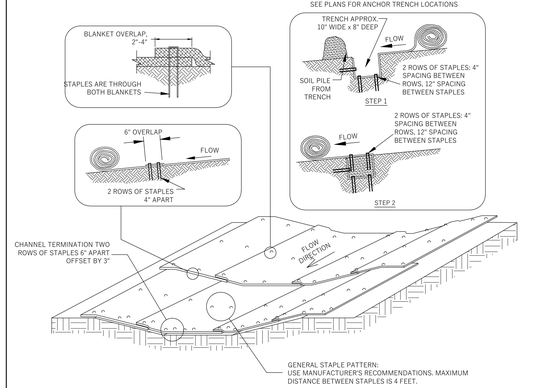
Maintenance Guidelines:
1. Empty the sediment bag if more than half filled with sediment and debris
2. Remove the grate, engage the lifting points, and lift filter from the drainage structure
3. Dispose of sediment and debris as directed by the Engineer or Maintenance Contract
4. Alternatively, an industrial vacuum can be used to collect sediment from filter bag



SIZE	DRAWING NO.	REV.
C	SPP Flexstorm HD Specifications	
SCALE:	SHEET 1 OF 1	

ANCHOR TRENCH DETAIL

SEE PLANS FOR ANCHOR TRENCH LOCATIONS



MATERIAL NOTES

1. ONLY PRODUCTS LISTED IN THE WISCONSIN DEPARTMENT OF TRANSPORTATION EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL) ARE ACCEPTABLE FOR USE.
2. STAPLES USED FOR CLASS I TYPES A & B MATS SHALL BE 1-2 INCH WIDE, U-SHAPED, MADE OF NO.11 (3.05mm) OR LARGER DIAMETER STEEL WIRE, AND NOT LESS THAN 6 INCHES LONG FOR FIRM SOILS AND 12 INCHES LONG FOR LOOSE SOILS.

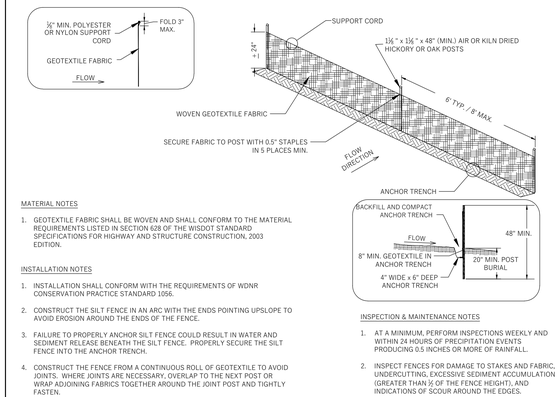
INSTALLATION NOTES

1. EROSION CONTROL REVEGETATIVE MATS (ECRM) SHALL BE INSTALLED AFTER TOPSOIL AND SEED HAVE BEEN PLACED.
2. INSTALLATION OF ECRM SHOULD BE COORDINATED WITH PERMANENT RESTORATION PRACTICES.
3. INSTALLATION SHALL CONFORM WITH WDNR CONSERVATION PRACTICE STANDARD 1053.
4. ALL PRODUCTS SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS. THIS STANDARD DETAIL IS AN EXAMPLE OF TYPICAL INSTALLATION GUIDANCE.
5. MATS SHALL BE IN FIRM AND CONTINUOUS CONTACT WITH THE SOIL.
6. IF SECTIONS OF ECRM NEED TO BE OVERLAPPED, ENSURE THAT THE OVERLAP IS FACING DOWNSTREAM TO PREVENT WATER FROM FLOWING BENEATH THE ECRM.

INSPECTION & MAINTENANCE NOTES

1. INSTALL ADDITIONAL ANCHORING IN AREAS OF OBSERVED RILLING AND CONCENTRATED FLOW BENEATH THE EROSION MAT. IF RILLING IS SEVERE ENOUGH TO PREVENT VEGETATION ESTABLISHMENT, REMOVE EROSION MAT, REGRADE, COMPACT, RE-SEED, AND REPLACE THE SECTION OF MAT.
2. IF PRODUCTS WITH PLASTIC NETTING ARE USED, REMOVE NETTING OR REPLACE MAT IF SEPARATION OF THE NETTING FROM THE MAT IS OBSERVED.
3. ALL MAINTENANCE ACTIVITIES SHOULD OCCUR AS SOON AS POSSIBLE WITH CONSIDERATION OF SITE CONDITIONS.

EROSION CONTROL MAT (CHANNELS)



MATERIAL NOTES

1. GEOTEXTILE FABRIC SHALL BE WOVEN AND SHALL CONFORM TO THE MATERIAL REQUIREMENTS LISTED IN SECTION 628 OF THE WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2003 EDITION.

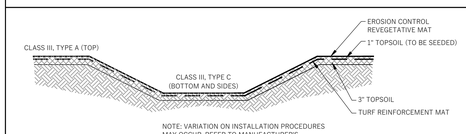
INSTALLATION NOTES

1. INSTALLATION SHALL CONFORM WITH THE REQUIREMENTS OF WDNR CONSERVATION PRACTICE STANDARD 1056.
2. CONSTRUCT THE SILT FENCE IN AN ARC WITH THE ENDS POINTING UPSLOPE TO AVOID EROSION AROUND THE ENDS OF THE FENCE.
3. FAILURE TO PROPERLY ANCHOR SILT FENCE COULD RESULT IN WATER AND SEDIMENT RELEASE BENEATH THE SILT FENCE. PROPERLY SECURE THE SILT FENCE INTO THE ANCHOR TRENCH.
4. CONSTRUCT THE FENCE FROM A CONTINUOUS ROLL OF GEOTEXTILE TO AVOID JOINTS. WHERE JOINTS ARE NECESSARY, OVERLAP TO THE NEXT POST OR WRAP ADJOINING FABRICS TOGETHER AROUND THE JOINT POST AND TIGHTLY FASTEN.
5. SILT FENCE SHALL NOT BE USED IN AREAS OF CONCENTRATED FLOW.

INSPECTION & MAINTENANCE NOTES

1. AT A MINIMUM, PERFORM INSPECTIONS WEEKLY AND WITHIN 24 HOURS OF PRECIPITATION EVENTS PRODUCING 0.5 INCHES OR MORE OF RAINFALL.
2. INSPECT FENCES FOR DAMAGE TO STAKES AND FABRIC, UNDERCUTTING, EXCESSIVE SEDIMENT ACCUMULATION (GREATER THAN ½ OF THE FENCE HEIGHT), AND INDICATIONS OF SCOUR AROUND THE EDGES.
3. REPAIR OR REPLACE SILT FENCE WITHIN 24 HOURS OF IDENTIFYING AND DEFICIENCIES.

SILT FENCE



NOTE: VARIATION ON INSTALLATION PROCEDURES MAY OCCUR. REFER TO MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES.

TURF REINFORCEMENT INSTALLATION DETAIL

RULE ENTERPRISES

MOVIN' OUT

WYSER ENGINEERING

PROJECT INFORMATION

FOURTEEN02 ON PARK
MIXED-USE DEVELOPMENT

TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING ISSUANCE HISTORY

UDC INFORMATIONAL SUBMITTAL	09-01-2020

SHEET INFORMATION

DATE	08-18-2020
PROJECT NUMBER	TOSITE

SET TYPE

URBAN DESIGN COMMISSION INFORMATIONAL SUBMITTAL

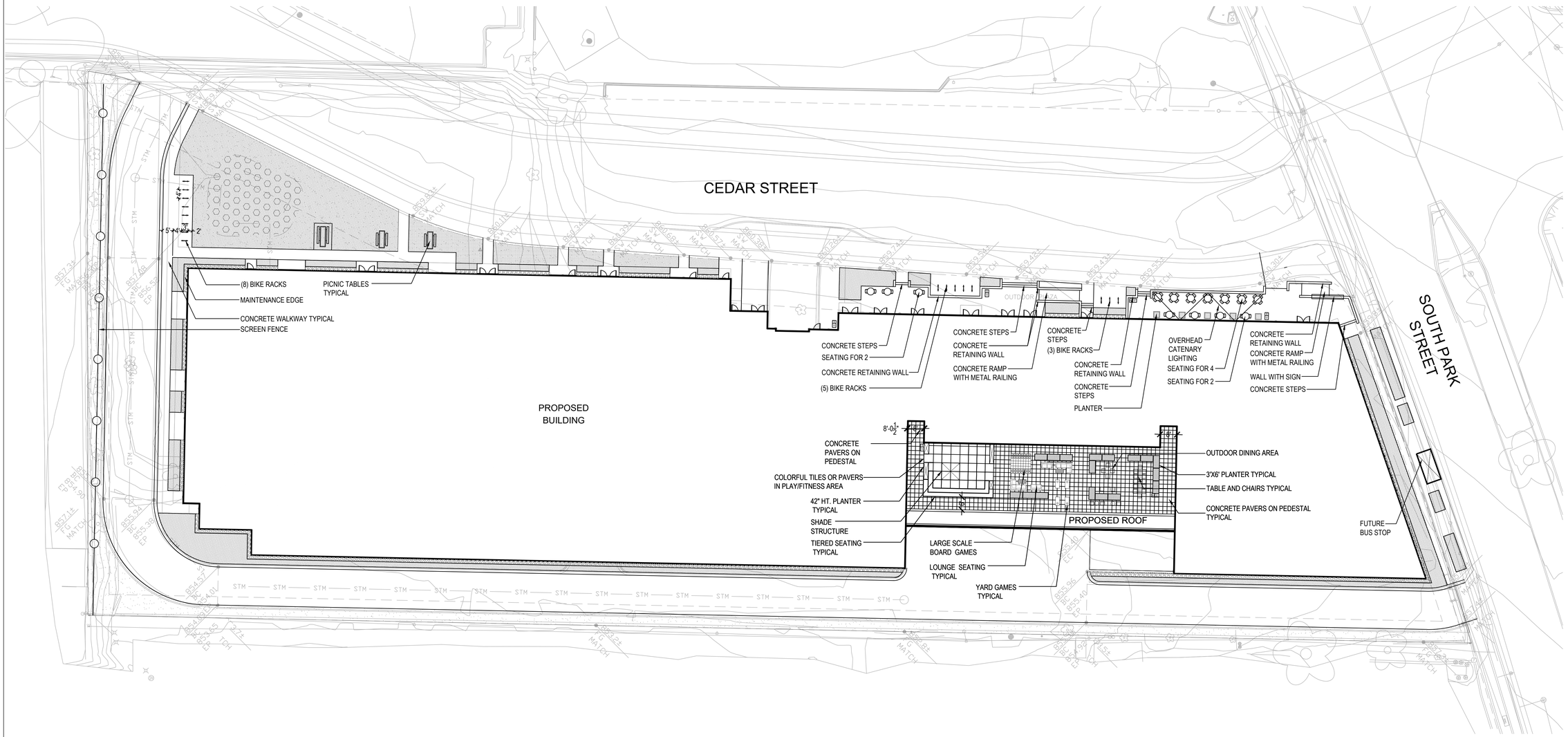
File: W:\2020\20744_Movin Out - 1402 South Park Street\DWG\20-0744_Civil Design.dwg Layout: Details User: Admin Plotted: Nov 03, 2020 - 4:59pm

LEGEND

- MAINTENANCE EDGE
- BIKE PARKING
- 3'X6' FIBRE-REINFORCED PLASTIC PLANTER ON ROOF
- BUILDING ENTRY/EXIT
- PROJECT LIMIT
- FENCE

NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY SURVEY INFORMATION AND SITE CONDITIONS PRIOR TO START OF CONSTRUCTION AND REPORT ANY DISCREPANCIES. CONTRACTOR SHALL CONTACT DIGGER'S HOTLINE TO LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE CAUSED TO EXISTING UTILITIES, EITHER SHOWN OR NOT, SHALL BE REPAIRED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL PROTECT BENCHMARKS.
3. ALL WRAPPINGS, WIRE BASKETS, BURLAP, AND OTHER MISCELLANEOUS MATERIAL SHALL BE COMPLETELY REMOVED FROM ALL SHRUB AND TREE ROOT BALLS PRIOR TO INSTALLATION.
4. ANY LAWN OR LANDSCAPED AREAS OUTSIDE OF THE CONSTRUCTION BOUNDARY THAT ARE DISTURBED SHALL BE RE-SEEDED AND/OR REPAIRED WITH ORIGINAL MATERIALS AND TO PRE-DISTURBANCE STANDARDS AT NO COST TO THE OWNER OR CITY.
5. CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF PLANT MATERIAL - SEE SPECIFICATIONS FOR MORE INFORMATION.
6. CONTRACTOR SHALL CONTACT CITY FORESTRY (BRAD HOFMANN, BHOFMANN@CITYOFMADISON.COM - OR - 608-266-4816) AT LEAST ONE WEEK PRIOR TO PLANTING IN THE RIGHT-OF-WAY TO SCHEDULE INSPECTING THE NURSERY STOCK, REVIEW PLANTING SPECIFICATIONS AND INDICATE PLANTING LOCATIONS WITH THE LANDSCAPE CONTRACTOR.
7. CONTRACTOR SHALL THOROUGHLY REVIEW ALL SPECIFICATION SECTIONS RELATED TO TREE PROTECTION, SOIL PREPARATION, TURF AND GRASSES, PLANTS, AND EXTERIOR SITE FURNISHINGS (SECTIONS 31 13 00, 32 33 00, 32 91 13, 32 90 00 & 32 93 00. THESE SECTIONS PROVIDE ADDITIONAL DETAILED INFORMATION ON MATERIALS AND SET STANDARDS FOR QUALITY AND INSTALLATION REQUIREMENTS.
8. CONTRACTOR WILL BE REQUIRED TO SUBMIT TOPSOIL TEST RESULTS PER SECTION 32 91 13 PRIOR TO PLACEMENT OF SOIL MATERIALS ON THIS PROJECT.



1 SITE LAYOUT PLAN
SCALE: 1"=20'-0"

NORTH

saiki DESIGN

NO.	DRAWING ISSUANCE HISTORY	DATE
01	LAND USE APPLICATION	11/04/2020

CLIENT

RULE ENTERPRISES — MOVIN' OUT

PROJECT

FOURTEEN02 ON PARK
MIXED-USE DEVELOPMENT

TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING

SITE LAYOUT PLAN

SCALE 0 20' 30' 1" = 20'-0" | DATE 11/04/2020

DRAWN BY	CHECKED	REVIEWED
DA	SF	AM

APPROVED | DEPT. APPROVAL

SEAL | SEAL

NOT FOR CONSTRUCTION

DEPT. PROJECT NO. | DRAWING NO. L100

CONSULTANT'S NO.

TENDER NO.

Truman Olson Site - Park St.
Madison, WI
UPDATED 11/25/2020
TSS Zoning, Urban Design Distric 7

Developed Lots	SF	Acres	Landscape Points Subtotal
Total Developed Area (Lot - Building Area)	47,308	1.09	
Landscape Points (5 pts/300 SF for first 5 acres)	47,308	5.00	788
Landscape Points (1 pt/100 SF for additional area)	-	(3.91)	0
		Landscape Points Required	**788**

Development Frontage - Park St.	LF	Overstory Trees Required *	Shrubs Required
Total LF of Street Frontage Between Parking/Building & Street	154	5	26

Element	Point Value	Quantity Proposed	Quantity Existing	Points Achieved
Overstory Deciduous Tree	35	0	0	0
Tall Evergreen Tree	35	0	0	0
Ornamental Tree	15	8	0	120
Upright Evergreen Shrub	10	0	0	0
Shrub, deciduous	3	63	0	189
Shrub, evergreen	4	0	0	0
Ornamental Grass/Perennial	2	133	0	266
			Development Frontage Points Total	**575**

Development Frontage - Cedar St.	LF	Overstory Trees Required *	Shrubs Required
Total LF of Street Frontage Between Parking/Building & Street	578	19	96

Element	Point Value	Quantity Proposed	Quantity Existing	Points Achieved
Overstory Deciduous Tree	35	18	0	630
Tall Evergreen Tree	35	0	0	0
Ornamental Tree	15	0	0	0
Upright Evergreen Shrub	10	0	0	0
Shrub, deciduous	3	72	0	216
Shrub, evergreen	4	0	0	0
Ornamental Grass/Perennial	2	390	0	780
			Development Frontage Points Total	**1626**

General Site, Foundation, Screening West/South

Element	Point Value	Quantity Proposed	Quantity Existing	Points Achieved
Overstory Deciduous Tree	35	0	0	0
Tall Evergreen Tree	35	0	0	0
Ornamental Tree	15	4	0	60
Upright Evergreen Shrub	10	23	0	230
Shrub, deciduous	3	164	0	492
Shrub, evergreen	4	0	0	0
Ornamental Grass/Perennial	2	76	0	152
Ornamental/Decorative Fence or Wall (4 pts/10 LF)	4	89	0	356
			Foundation Plantings Total	**1290**

TOTAL LANDSCAPE POINTS	**3491**

* In cases where development frontage landscaping cannot be provided due to site constraints, the zoning administrator may waive the requirement or substitute alternative screening methods for the required landscaping.

LEGEND

- POTENTIAL STREET TREE
- LAWN SEED AREA
- BIORETENTION AREA
- MULCHED AT ALL PLANTING BEDS
- MINERAL MULCH MAINTENANCE EDGE
- PROJECT LIMIT
- FENCE

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9. LIGHTING TO BE COORDINATED WITH TREE CANOPIES.

PLANT SCHEDULE - BIORETENTION PLUGS

Quantity	Botanical Name	Common Name	Spacing
	Grasses		
36	Andropogon geradii	Big Blue stem	18" o.c.
36	Carex albicans	White tinged sedge	18" o.c.
36	Carex eburnea	Bristle-leaved sedge	18" o.c.
36	Carex muskingumensis	Palm sedge	18" o.c.
36	Carex praegracilis	Clustered field sedge	18" o.c.
36	Schizachyrium scoparium	Little Bluestem	18" o.c.
36	Sporobolus heterolepis	Prairie Dropseed	18" o.c.
	Forbs		
38	Allium cernuum	Nodding wild onion	18" o.c.
38	Baptisia alba	White Indigo	18" o.c.
38	Dalea purpurea	Purple Prairie Clover	18" o.c.
38	Geum triflorum	Priaire Smoke	18" o.c.
38	Iris versicolor	Blue Flag Iris	18" o.c.
38	Liatris spicata	Blazing star	18" o.c.
38	Monarda fistulosa	Bergamont	18" o.c.
38	Ratibida pinnata	Grey-head coneflower	18" o.c.
38	Rudbeckia subtomentosa	Sweet Black Eyed Susan	18" o.c.
38	Symphyotrichum novae-angliae	New England Aster	18" o.c.

PLANT SCHEDULE

ORNAMENTAL TREES	QTY	BOTANICAL / COMMON NAME	CONT	SIZE
CCF	2	Carpinus caroliniana `J.N. Upright` / Firespire Musclewood	B & B	UPRIGHT MULTI-STEM
LA	3	Liriodendron tulipifera `Arnold` / Arnold Tulip Poplar	B & B	2.5"Cal
MST	1	Magnolia stellata / Star Magnolia	B & B	8` HT. (MIN.), MULTI-STEMMED
MAD	3	Malus x `Adirondack` / Adirondack Crabapple	B&B	2" Cal
MSS	3	Malus x `Spring Snow` / Spring Snow Crab Apple	B & B	2" Cal
SHADE TREES	QTY	BOTANICAL / COMMON NAME	CONT	SIZE
AA	4	Acer x freemanii `Jeffsred` TM / Autumn Blaze Maple	B & B	3"Cal
BA	2	Betula alleghaniensis / Yellow Birch	B & B	2"Cal
COC	3	Celtis occidentalis `Chicagoland` / Common Hackberry	B & B	2.5"Cal
GT	2	Gleditsia triacanthos `Skycole` / Skyline Honeylocust	B & B	2.5"Cal
LT	1	Liriodendron tulipifera / Tulip Tree	B & B	2"Cal
MA	4	Maackia amurensis / Amur Maackia	B&B	2" Cal
TA	2	Tilia americana `Sentry` / American Linden	B & B	2" Cal
DECIDUOUS SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT	SIZE
Ab	14	Aronia arbutifolia `Brilliantissima` / Brilliant Red Chokeberry	3 gal	36" HT (MIN.)
Amm	10	Aronia melanocarpa `Morton` / Iroquois Beauty Black Chokeberry	3 gal	36" HT (MIN.)
Amu	36	Aronia melanocarpa `UCONNAM165` / Lowscape Mound Chokeberry	1 gal	24" HT (MIN.)
Csf	12	Cornus sericea `Farrow` / Arctic Fire Red Twig Dogwood	3 gal	24" HT (MIN.)
Dlj	14	Diervilla lonicera `Jewel` / Jewell Bush Honeysuckle	3 gal	24" HT (MIN.)
Fig	7	Forsythia x intermedia `Gold Tide` TM / Gold Tide Forsythia	1 gal	18" HT. (MIN.)
Fb	18	Fothergilla gardenii `Beaver Creek` / Dwarf Witchalder	1 gal	18" HT. (MIN.)
Hv	2	Hamamelis virginiana / Common Witch Hazel	10 gal	6' HT. (MIN.)
Igc	22	Ilex glabra `Compacta` / Compact Inkberry	3 gal	24" HT (MIN.)
Ivj	5	Ilex verticillata `Jim Dandy` / Jim Dandy Winterberry	3 gal	24" HT (MIN.)
Iv	10	Ilex verticillata `Red Sprite` / Red Sprite Winterberry	3 gal	24" HT (MIN.)
Mpm	19	Myrica pensylvanica `Morton` / Silver Sprite Bayberry	3 gal	18" HT. (MIN.)
Rc	5	Rhododendron catawbiense `Chionoides` / Chionoides Rhododendron	5 gal	36" HT (MIN.)
Rw	8	Rhododendron x `White Lights` / White Lights Northern Lights Azalea	3 gal	36" HT (MIN.)
Rag	51	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac	1 gal	18" HT. (MIN.)
Rr	55	Rosa rugosa / Rugosa Rose	1 gal	24" HT (MIN.)
Vdc	11	Viburnum dentatum `Chicago Luster` / Chicago Luster Arrowwood	3 gal	36" HT (MIN.)
EVERGREEN SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT	SIZE
Pp	23	Pinus mugo `Pumilio` / Mugo Pine	3 gal	
FERNS	QTY	BOTANICAL / COMMON NAME	CONT	SIZE
Pa	22	Polystichum acrostichoides / Christmas Fern	1 gal	
HERBACEOUS PERENNIALS	QTY	BOTANICAL / COMMON NAME	CONT	SIZE
amn	62	Allium x `Millenium` / Millenium Ornamental Onion	1 gal	
ah	6	Amsonia hubrichtii `Halfway to Arkansas` / Arkansas Blue-star	1 gal	
ae	25	Amsonia x `Blue Ice` / Blue Ice Bluestar	1 gal	
aml	18	Aruncus `Misty Lace` / Goatsbeard	1 gal	
Ac	18	Asarum canadense / Canadian Wild Ginger	4" pot	
baa	7	Baptisia australis / Blue False Indigo	1 gal	
bep	21	Bergenia purpurascens / Purple Bergenia	1 gal	
bmj	54	Brunnera macrophylla `Jack Frost` TM / Jack Frost Siberian Bugloss	1 gal	
cnn	3	Calamintha nepeta ssp. nepeta / Lesser Calamint	1 gal	
Cr	16	Cimicifuga ramosa `Hillside Black Beauty` / Hillside Black Beauty Snakeroot	2 gal	
cmp	12	Convallaria majalis `Prolificans` / Prolific Lily-of-the-Valley	4" Plug	
hrc	6	Hemerocallis x `Rocket City` / Rocket City Daylily	1 gal	
hbj	41	Heuchera x brizoides `June Bride` / June Bride Coral Bells	1 gal	
lmn	105	Liriope x `NoMo` / NoMo Lily Turf	4" pot	
mev	13	Mertensia virginica / Virginia Bluebells	1 gal	
no	13	Nepeta x faassenii `Junior Walker` / Junior Walker Nepeta	1 gal	
Po	10	Polygonatum odoratum / Solomon`s Seal	1 gal	

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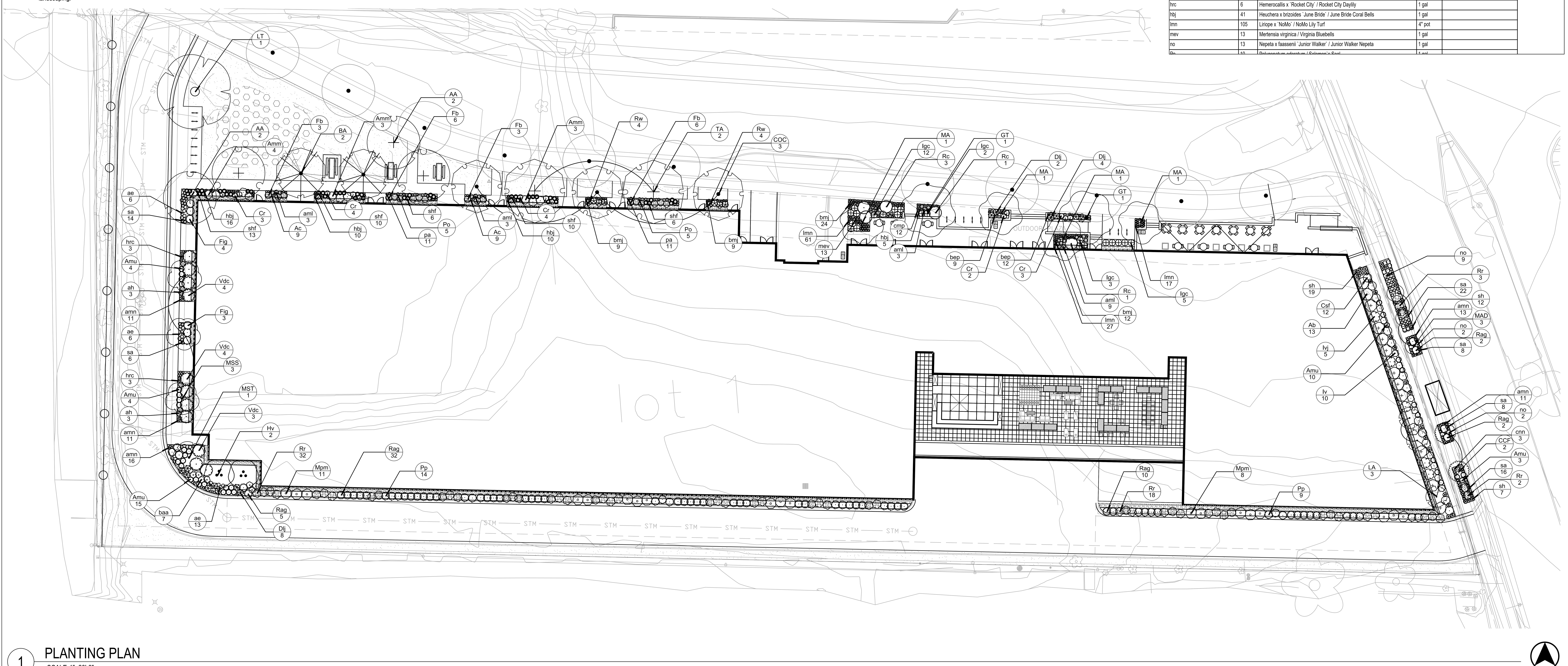


1 PLANTING PLAN
SCALE: 1"=20'-0"

NORTH

NO.	DRAWING ISSUANCE HISTORY	DATE
01	LAND USE APPLICATION	11/04/2020

CLIENT
RULE ENTERPRISES
MOVIN' OUT

PROJECT
FOURTEEN02 ON PARK
MIXED-USE DEVELOPMENT
TRUMAN OLSON SITE
MADISON, WISCONSIN

DRAWING
PLANTING PLAN

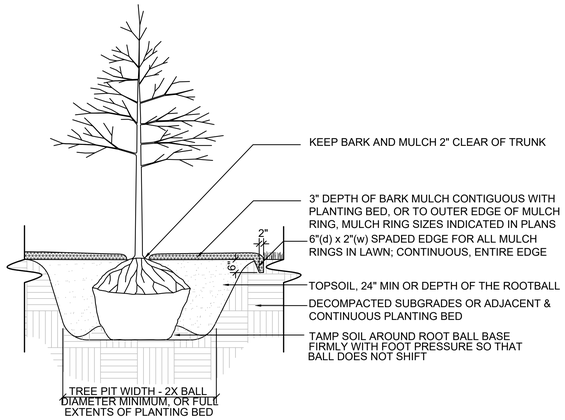
SCALE 0 20' 30' 1" = 20'-0"
DATE 11/04/2020

DRAWN BY	CHECKED	REVIEWED
DA	SF	AM

APPROVED | DEPT. APPROVAL
SEAL | SEAL

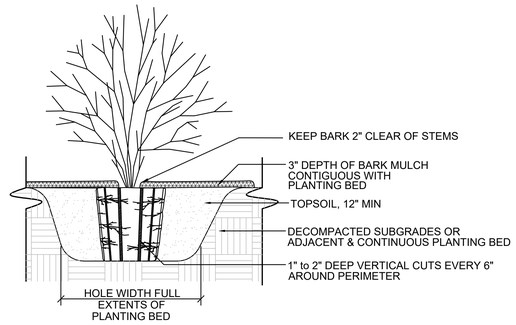
NOT FOR CONSTRUCTION

DEPT. PROJECT NO.
CONSULTANT'S NO.
TENDER NO.
DRAWING NO.
L200



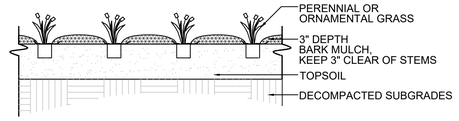
*NOTE:
1. PLANT EACH TREE SUCH THAT THE ROOT FLARE IS AT THE TOP OF THE ROOT BALL AND SET 1" ABOVE ADJACENT FINISH GRADES. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
2. DEPTH OF THE PLANTING HOLE SHOULD BE DETEMINED AND DUG AFTER THE ROOT FLARE IS LOCATED. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.
3. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT AND REMOVE THE WIRE BASKET. REMOVE ALL TWINE, ROPE, AND BURLAP FROM ALL ROOT BALLS.
4. PLACE ROOT BALL ON UNEXCAVATED OR AMPED SOIL.
5. DO NOT PLACE MULCH IN CONTACT WITH STEMS.
6. WATER ALL PLANTS WITHIN 2 HOURS OF INSTALLATION.
7. PRUNE ONLY AS NECESSARY TO REMOVE UNHEALTHY BRANCHES. DO NOT REMOVE MORE THAN ⅓ OF THE ORIGINAL PLANT MASS.

1 TYPICAL TREE PLANTING
SCALE:NTS

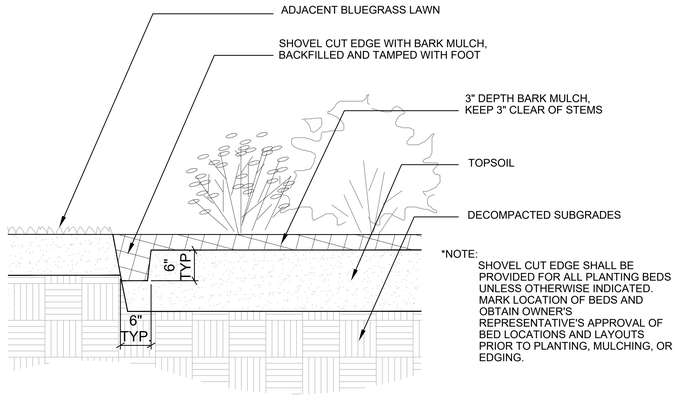


*NOTE:
1. FOR CONTAINER STOCK: MAKE 1" TO 2" DEEP VERTICAL CUTS EVERY 6" AROUND THE CIRCUMFERENCE OF THE ROOT BALL AND LOOSEN ANY POT-BOUND ROOTS BEFORE PLANTING.
2. PLANT EACH SHRUB SUCH THAT THE ROOT FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
3. PLANTING HOLE MUST NOT BE DEEPER THAN THE HEIGHT OF THE ROOT BALL.
4. DO NOT PLACE MULCH IN CONTACT WITH STEMS.
5. PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL
6. WATER ALL PLANTS WITHIN 2 HOURS OF INSTALLATION
7. PRUNE ONLY AS NECESSARY TO REMOVE UNHEALTHY BRANCHES. DO NOT REMOVE MORE THAN ⅓ OF THE ORIGINAL PLANT MASS.

2 TYPICAL SHRUB PLANTING
SCALE:NTS

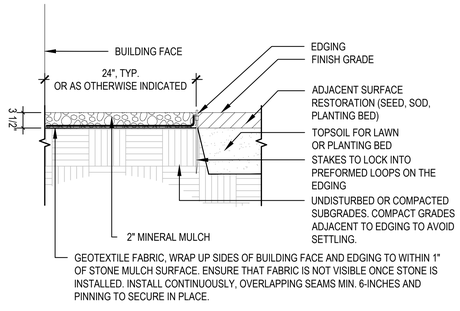


3 TYPICAL PERENNIAL PLANTING
SCALE:NTS

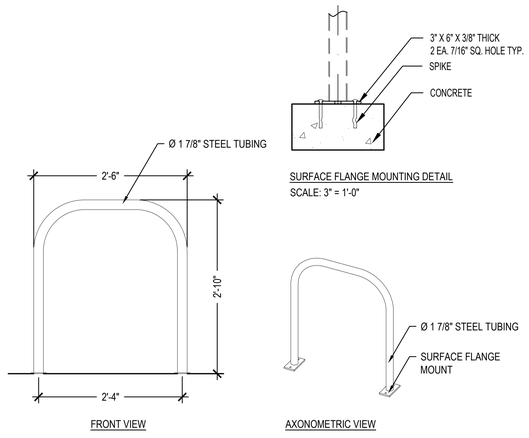


*NOTE:
SHOVEL CUT EDGE SHALL BE PROVIDED FOR ALL PLANTING BEDS UNLESS OTHERWISE INDICATED. MARK LOCATION OF BEDS AND OBTAIN OWNER'S REPRESENTATIVE'S APPROVAL OF BED LOCATIONS AND LAYOUTS PRIOR TO PLANTING, MULCHING, OR EDGING.

4 SHOVEL-CUT EDGE
SCALE:1" = 1'-0"



5 MINERAL MULCH MAINTENANCE EDGE
SCALE:1" = 1'-0"



6 BIKE RACK DETAIL
SCALE:1" = 1'-0"

saiki DESIGN

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DRAWING
DETAILS

SCALE	DATE
SEE SHEET	11/04/2020

DRAWN BY	CHECKED	REVIEWED
DA	SF	AM

APPROVED | DEPT. APPROVAL

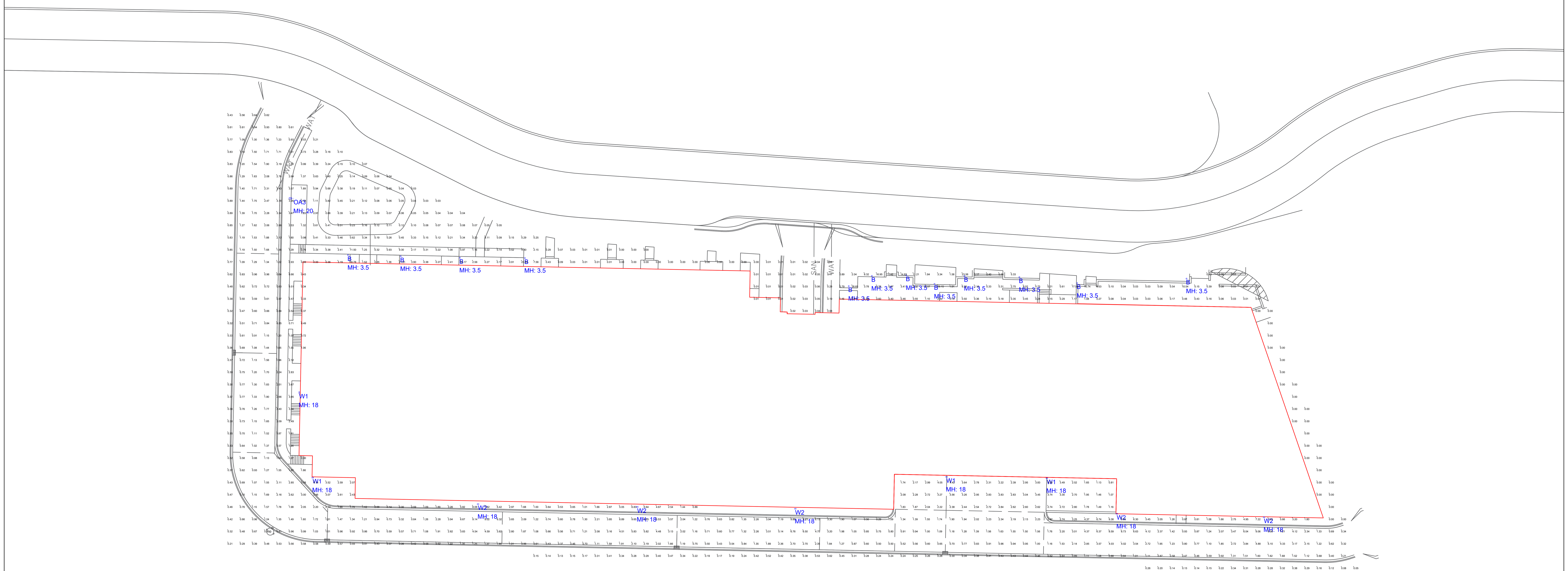
SEAL | SEAL

NOT FOR CONSTRUCTION

DEPT. PROJECT NO. | DRAWING NO.

CONSULTANT'S NO. | L300

TENDER NO.



Luminaire Schedule								
Qty	Label	Arrangement	LLF	MFR	Description	Lum. Watts	Total Watts	Lum. Lumens
12	B	SINGLE	0.900	TGS	RBL-26W xxK-U-D-D	26	312	2500
1	OA3	SINGLE	0.950	LITHONIA	RSX1 LED P2 xxK R3 (20FT POLE 3FT BASE)	72.95	72.95	9843
4	W1	SINGLE	0.900	LITHONIA	WDGE3 LED P1 70CRI R3 xxK	51.1717	204.6868	7524
5	W2	SINGLE	0.950	LITHONIA	WDGE3 LED P1 70CRI R2 xxK	51.1717	255.8585	7651

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	1.72	32.17	0.00	N.A.	N.A.
DRIVE	Illuminance	Fc	2.03	9.9	0.3	6.77	33.00

ENTERPRISE
Lighting & Control

#	DATE	COMMENTS

REVISIONS

DRAWN BY : AD
DATE : NOV 25, 2020
SCALE : 1"= 30'-0"

TRUMAN OLSON
MADISON, WISCONSIN
LIGHTING LAYOUT

RSX1 LED
Area Luminaire

Catalog Number

Notes

Type

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

Specifications

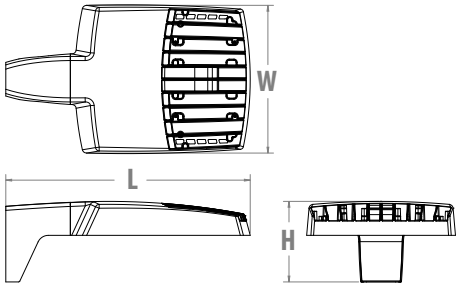
EPA (ft²@0°): 0.57 ft² (0.05 m²)

Length: 21.8" (55.4 cm) (SPA mount)

Width: 13.3" (33.8 cm)

Height: 3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm

Weight (SPA mount): 22.0 lbs (10.0 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide [1] R5S Type 5 Short [1] AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) [2] HVOLT (347V-480V) [3] **(use specific voltage for options as noted)** 120 [3] 277 [4] 208 [3] 347 [4] 240 [3] 480 [4]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) [5] WBA Wall bracket [1] WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting [5] AARP Adjustable tilt arm round pole mounting [5] AAWB Adjustable tilt arm with wall bracket [5] AAWSC Adjustable tilt arm wall bracket and surface conduit box [5]

Options

Shipped Installed

HS	House-side shield [6]
PE	Photocontrol, button style [7,8]
PEX	Photocontrol external threaded, adjustable [8,9]
PER7	Seven-wire twist-lock receptacle only (no controls) [8,10,11,12]
CE34	Conduit entry 3/4" NPT (Qty 2)
SF	Single fuse (120, 277, 347) [4]
DF	Double fuse (208, 240, 480) [4]
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output [8,12]
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) [8,12]

Shipped Installed

***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2	nLight AIR generation 2 [12,13,14]
PIRHN	Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) [12,14,15]

***Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.**

Shipped Separately (requires some field assembly)

EGS	External glare shield [6]
EGFV	External glare full visor (360° around light aperture) [6]
BS	Bird spikes [16]

Finish

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLBXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White

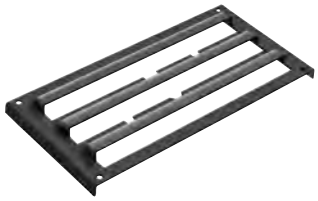
Ordering Information

Accessories
Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glares hield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) [1]
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) [17]
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) [17]
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) [17]
DSHORT SBK U	Shorting cap [17]

NOTES
1 Any Type 5 distribution, is not available with WBA.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
4 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
5 Maximum tilt is 90° above horizontal.
6 It may be ordered as an accessory.
7 Requires MVOLT or 347V.
8 Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN).
9 Requires 120V, 208V, 240V or 277V.
10 Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
11 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
12 Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
13 Must be ordered with PIRHN.
14 Requires MVOLT or HVOLT.
15 Must be ordered with NLTAIR2. For additional information on PIRHN visit here.
16 Must be ordered with fixture for factory pre-drilling.
17 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield

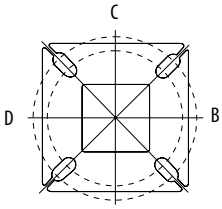
External Glare Shield

External 360 Full Visor

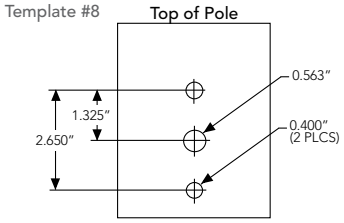
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

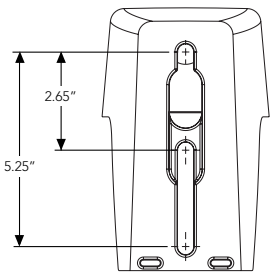
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	**Drill Nomenclature**	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX1 - Luminaire EPA

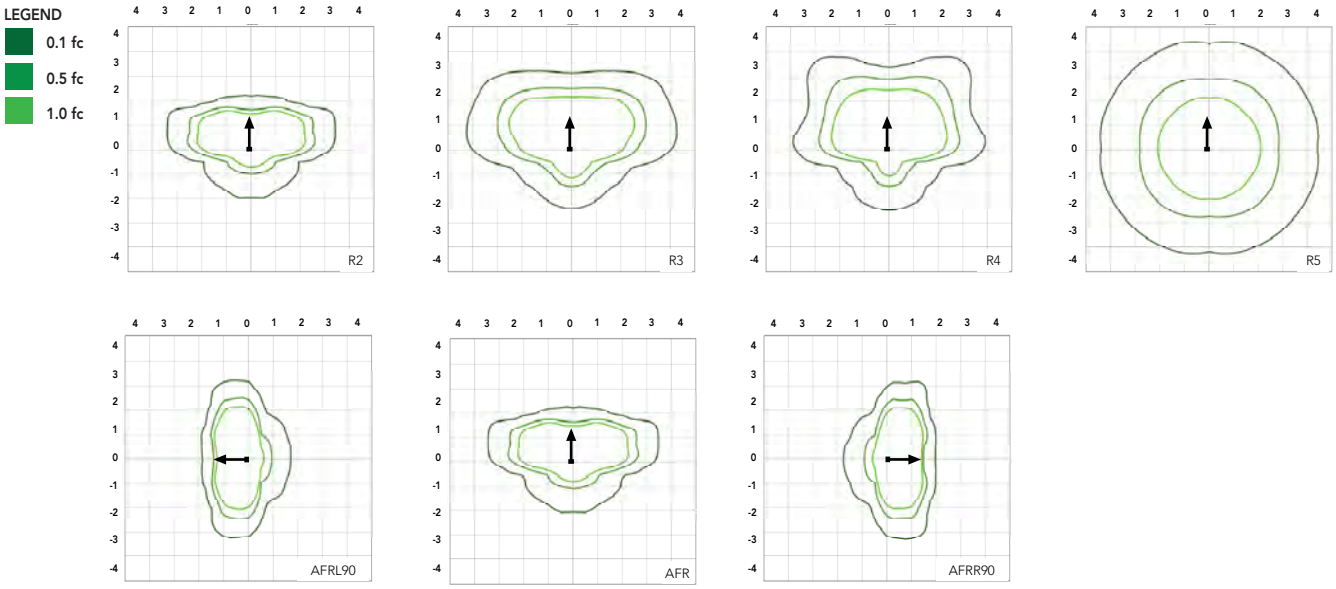
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	**Tilt**									
SPA - Square Pole Adaptor	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor		0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor		0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX1 LED P4 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 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

		Current (A)					
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

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.

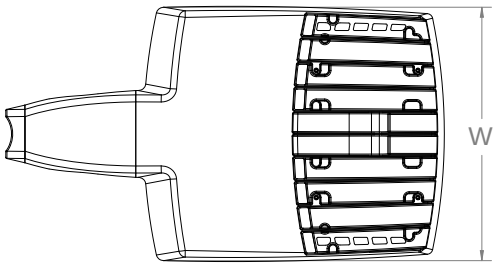
Performance Package	System Watts	Distribution. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

Dimensions & Weights

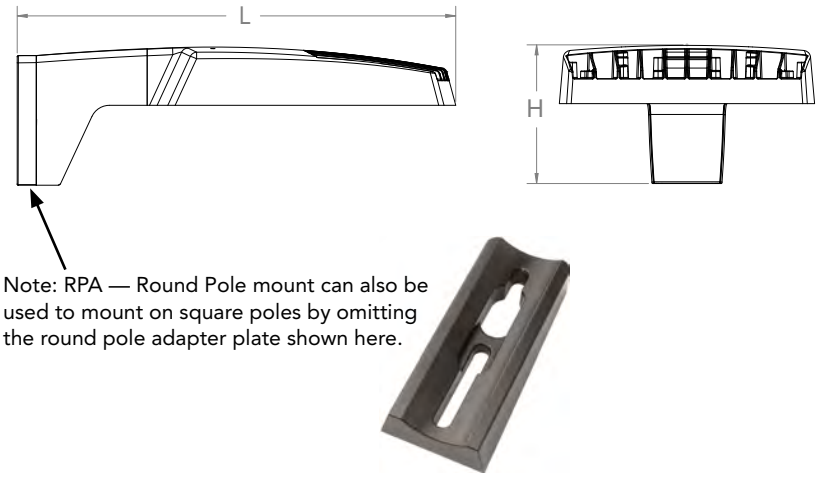
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	22 lbs
RPA	24 lbs
MA	22 lbs
WBA	25 lbs
WBASC	28 lbs
IS	25 lbs
AASP	25 lbs
AARP	27 lbs
AAWB	28 lbs
AAWSC	31 lbs

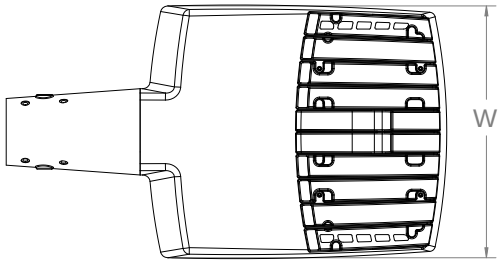
RSX1 with Round Pole Adapter (RPA)



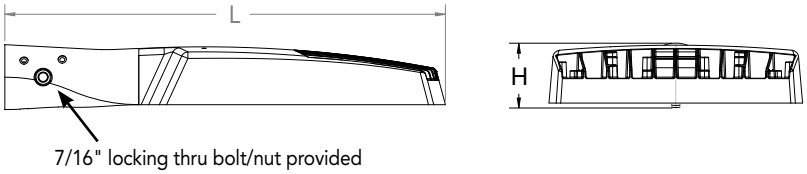
Length: 22.8" (57.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.4 cm) Arm



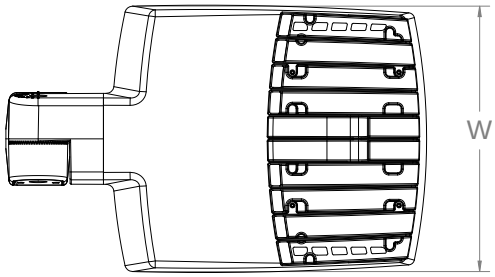
RSX1 with Mast Arm Adapter (MA)



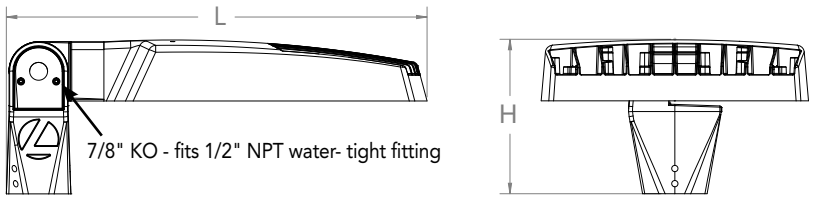
Length: 23.2" (59.1 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm



RSX1 with Adjustable Slipfitter (IS)

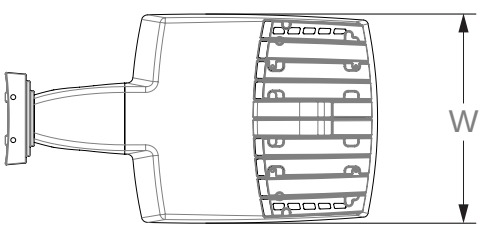


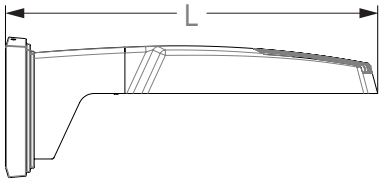
Length: 20.7" (52.7 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

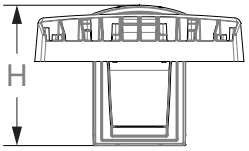


Dimensions

RSX1 with Wall Bracket (WBA)

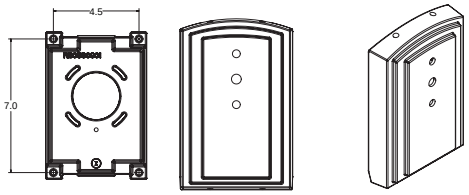




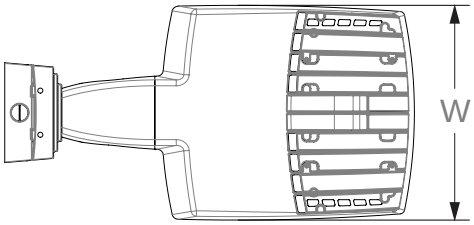


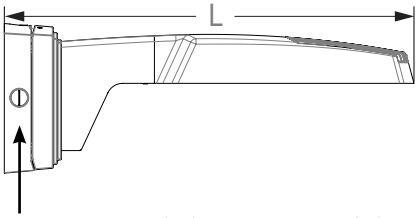
Length: 23.6" (59.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

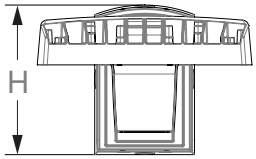


RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



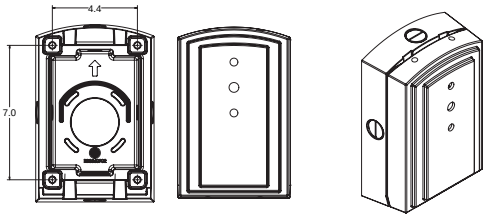


3/4" NPT taps with plugs - Qty (4) provided



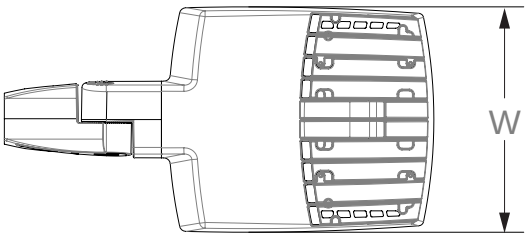
Length: 25.3" (64.3 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

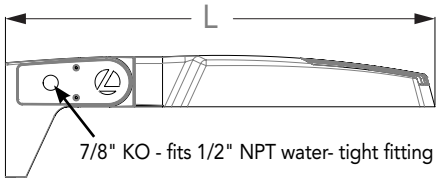
Surface Conduit Box (SCB) Mounting Detail

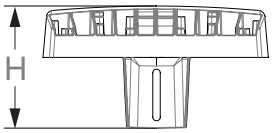


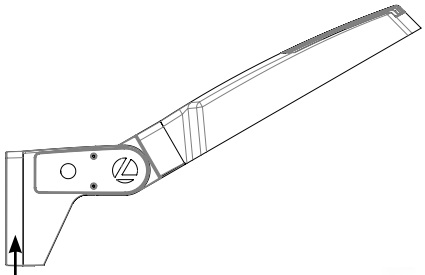
Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)









Length: 25.3" (65.3 cm) **AASP**
26.3" (66.8 cm) **AARP**
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

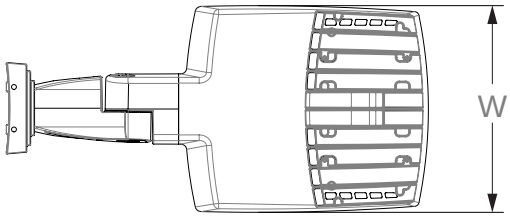
NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

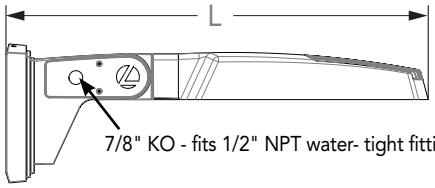
Notes

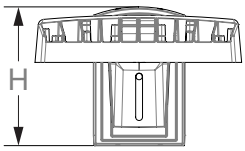
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

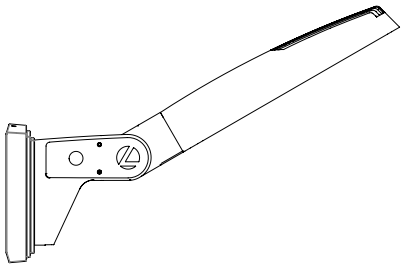
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



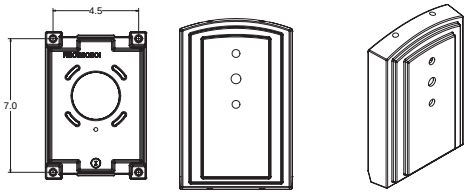






Length: 27.1" (68.8 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



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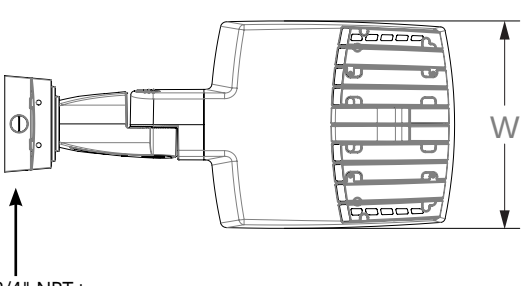
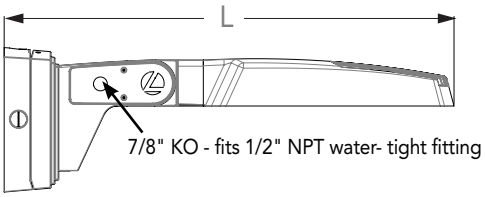
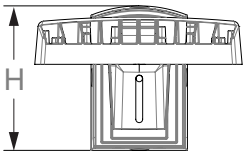
Dimensions

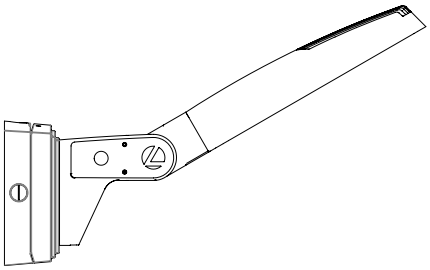
RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



3/4" NPT taps
with plugs - Qty (4)
provided

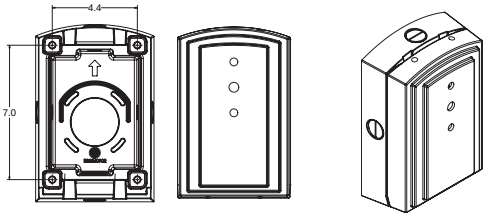




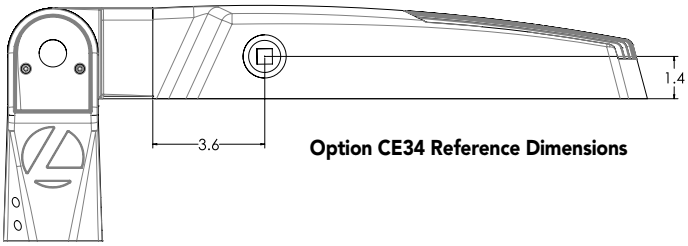


Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

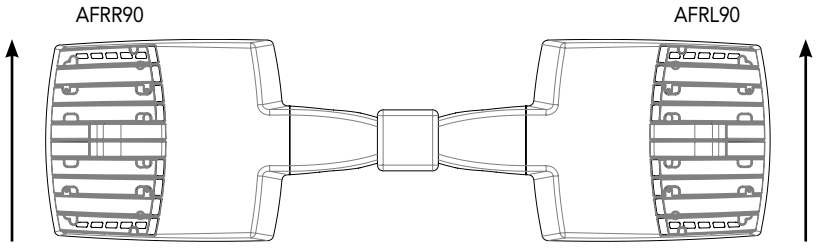


Additional Reference Drawings



Option CE34 Reference Dimensions

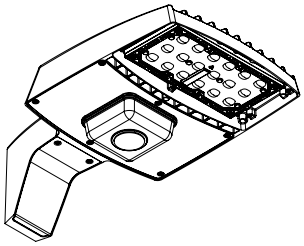
Automotive Front Row - Rotated Optics (AFRL90/R90)

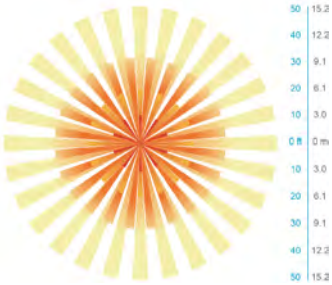


(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

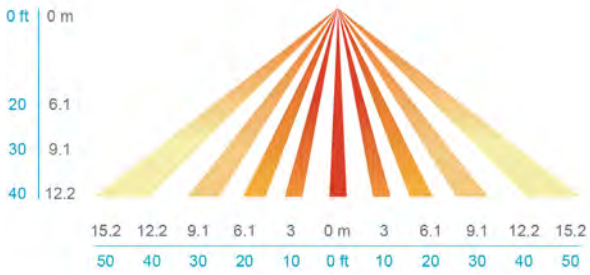
nLight Sensor Coverage Pattern

NLTAIR2 PIRHN





Top



Side

Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is titled.

FEATURES & SPECIFICATIONS

INTENDED USE
The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION
The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for minimum 1.5 G vibration load per ANSI C136.31. 3G Mountings: Include SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

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 superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS
Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFRR90 and ARFL90.

ELECTRICAL
Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS
The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS
The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION
Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY
5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/customer-support/terms-and-conditions

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.

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — Only customers in USA are eligible for this program.

Square Straight Steel is a general purpose light pole for up to 25-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

CONSTRUCTION — Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, .12"), or 50 KSI (7-gauge, .18"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4" and 5".

Pole Top: A flush non-metallic black top cap is provided for all poles ordered without a tenon.

Handhole: A reinforced handhole with grounding provision is provided at 18" from the base on side A. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A color matched durable ABS plastic two-piece full base cover, is provided with each pole assembly.

Anchor Base/ Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

HARDWARE – All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FINISH – Exterior parts are protected by a TGIC or Urethane polyester powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. Extra durable standard powder-coat finishes include Dark Bronze, Black and Natural Aluminum colors.

WARRANTY — 1-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/customer-support/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

SSS QS

SQUARE STRAIGHT STEEL – QUICK SHIP

ORDERING INFORMATION

Example: SSS QS 20 4C DM19AS DDBXD

SSS	QS					
Series	**Quick Ship**	**Pole Length (FT)**	**Nominal shaft size/ wall thickness[1]**	**Mounting**	**Finish**	**Options**
SSS	QS	10 10' 12 12' 14 14' 16 16' 18 18' 20 20' 25 25'	4C 4" / 11 Gauge 4G 4" / 7 Gauge 5C 5" / 11 Gauge 5G 5" / 7 Gauge	Tenon mounting PT Open top (includes top cap) T20 2-3/8" O.D. (2" NPS) DSX/RSX Drill mounting[2] DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90°	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum	L/AB Less anchor bolts (Include when anchor bolts are not provided)

PROGRAM RULES:

1. Only options listed in the ordering tree are valid for the Quick Ship program.
2. Nomenclature must include "QS" after "SSS" to be qualified for Quick Ship. Example: SSS QS 20 4C DM19AS DDBXD
3. Total order quantity cannot exceed 10 poles.
4. Anchor bolts will be shipped separately.
5. Quick Ship orders cannot have "Not Before Date" or "Ship Date".
6. Quick ship orders cannot have standard pole lines.
7. All pole orders must include "Call Before Number" to avoid delays.

NOTES:

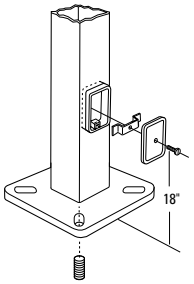
1. Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.12" | "G" - 0.18".
2. Refer to the luminaire spec sheet for the correct drilling template pattern and orientation compatibility.

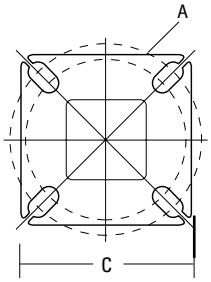
Square Straight Steel Poles – QUICK SHIP

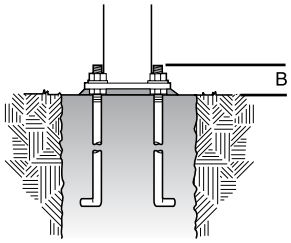
TECHNICAL INFORMATION — EPA (ft2) with 1.3 gust														
Catalog Number	Nominal Shaft Length (ft.)	Pole Shaft Size (Base in. x Top in. x ft.)	Wall thick (in)	Gauge	EPA (ft^2) with 1.3 gust						Bolt circle (in)	Bolt size (in. x in. x in.)	Approximate ship weight (lbs.)
					80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight			
SSS QS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS QS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS QS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS QS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS QS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS QS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS QS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS QS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS QS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS QS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS QS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS QS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS QS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360

* EPA values are based on ASCE 7-93 wind map.

BASE DETAIL

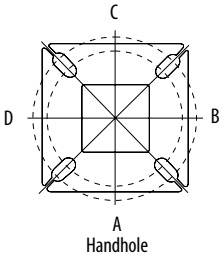






POLE DATA						
Shaft base size	Bolt circle A	Bolt projection B	Base diameter C	Base plate thickness	Anchor bolt and template number	Anchor bolt description
4"C	8" – 9"	3.25"- 3.75"	8"- 8.25"	0.75"	ABSSS-4C	3/4"x18"x3"
4"G	8" – 9"	3.38"- 3.75"	8"- 8.25"	0.875"	ABSSS-4G	3/4"x30"x3"
5"	10" – 12"	3.5"- 4"	11"	1"	ABSSS-5	1"x36"x4"

HANDHOLE ORIENTATION



Default DM19AS is on side B.

IMPORTANT INSTALLATION NOTES:

- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

 Rev. 04/21/20

SKU#: _____ PROJECT NAME: _____ DATE: _____

TRULY GREEN SOLUTIONS

RBL™ Bollard

DESCRIPTION

The TGS RBL™ is full-cutoff with even light distribution of 360°, which is ideal for illuminating building entryways, pathways, and pedestrians plazas, or any location that requires a low mounting height light source. The TGS LED RBL™ is weather-resistant and has a concrete base for sturdy structural support from all directions.

APPLICATIONS

Entryways, Pathways, Pedestrian Walkways

UL LISTED

5 YEAR WARRANTY

RBL™

26W (2,500 lm)

FEATURES

Construction

Extruded 6061 aluminum alloy body with die-cast top heatsink and corrosion resistant polyester power coating. IP65 Rated.

Electrical

Input voltage: 120-277VAC
8W Emergency battery backup option available.

Projected L70: >50,000 hours
System Efficacy: 96 LpW
Warranty: 5 years
1-10V Dimming

Optical System

Frosted diffused lens provides uniform 360° distribution.

Installation/ Mounting

Mounting includes concrete bollard base and anchor bolts for sturdy installation.

IP65 Rated

1-10V Dimming

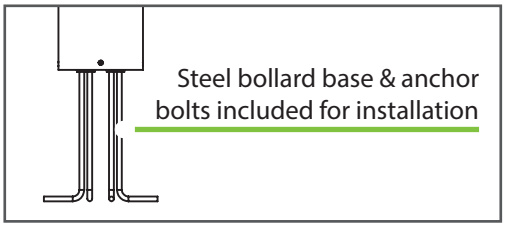
Warranty

5 Year Warranty.
See warranty documentation for more information.

Controls/Dimming

1-10V Dimming

8W EM Option



Ordering Information

EXAMPLE: RBL-26W-40K-U-D-D

Series	Wattage	CCT	Input Voltage	Controls	Finish	Emergency Driver
RBL	26W	40K - 4000K 50K - 5000K	U -120-277VAC	D- 1-10V Dimming	D - Dark Bronze	EM - 8W Emergency Battery Backup

Specifications and Dimensions subject to change without notice.

Optional mounting and accessories are purchased separately.

***MOQ and longer lead times may apply, please contact customer service for more information.**

9601 Variel Ave I Chatsworth, CA 91311 I Ph: (818) 206-4404 I trulygreensolutions.com

WDGE3 LED
Architectural Wall Sconce

Catalog Number

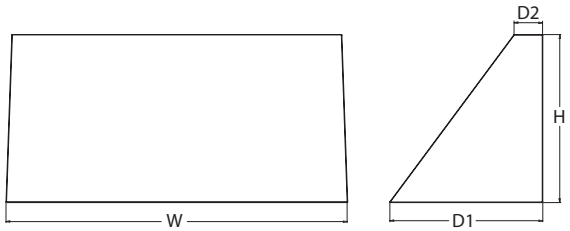
Notes

Type

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

Specifications

Depth (D1): 8"
Depth (D2): 1.5"
Height: 9"
Width: 18"
Weight: (without options) 19.5 lbs



Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE3 has been designed to deliver up to 12,000 lumens through a precision refractive lens with wide distribution, perfect for augmenting the lighting from pole mounted luminaires.

WDGE LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--
WDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--
WDGE3 LED	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE3 LED P3 40K 70CRI R3 MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	
WDGE3 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	70CRI 80CRI	R2 Type 2 R3 Type 3 R4 Type 4 RFT Forward Throw	MVOLT 347[1] 480[1]	**Shipped included** SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)[4]	**Shipped separately** AWS 3/8inch Architectural wall spacer PBBW Surface-mounted back box (top, left, right conduit entry)

Options

E15WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (15W, 5°C min)
E20WC	Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)
PE[2]	Photocell, Button Type
DMG[3]	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.
SPD10KV	10kV Surge pack

Standalone Sensors/Controls

PIR	Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.
PIRH	Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching
PIR1FC3V	Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.
PIRH1FC3V	Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.

Networked Sensors/Controls

NLTAIR2 PIR	nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights.
NLTAIR2 PIRH	nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights.

See page 4 for out of box functionality

Finish

DDBXD	Dark bronze
DBLXD	Black
DNAXD	Natural aluminum
DWHXD	White
DSSXD	Sandstone
DDBTXD	Textured dark bronze
DBLBXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white
DSSTXD	Textured sandstone

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE3PBBW DDBXD U	WDGE3 surface-mounted back box (specify finish)

NOTES

1. 347V and 480V not available with E15WH and E20WC.
2. PE not available in 480V and with sensors/controls.
3. DMG option not available with sensors/controls.
4. Not qualified for DLC. Not available with emergency battery backup or sensors/controls

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.

Performance Package	System Watts	Dist. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	52W	R2	7,037	136	1	0	1	7,649	148	2	0	1	7,649	148	2	0	1
		R3	6,922	134	1	0	2	7,524	145	1	0	2	7,524	145	1	0	2
		R4	7,133	138	1	0	2	7,753	150	1	0	2	7,753	150	1	0	2
		RFT	6,985	135	1	0	2	7,592	147	1	0	2	7,592	147	1	0	2
P2	59W	R2	7,968	135	2	0	1	8,661	147	2	0	1	8,661	147	2	0	1
		R3	7,838	133	1	0	2	8,519	144	1	0	2	8,519	144	1	0	2
		R4	8,077	137	1	0	2	8,779	149	1	0	2	8,779	149	1	0	2
		RFT	7,909	134	1	0	2	8,597	146	2	0	2	8,597	146	2	0	2
P3	71W	R2	9,404	132	2	0	1	10,221	143	2	0	1	10,221	143	2	0	1
		R3	9,250	130	2	0	2	10,054	141	2	0	2	10,054	141	2	0	2
		R4	9,532	134	2	0	2	10,361	145	2	0	2	10,361	145	2	0	2
		RFT	9,334	131	2	0	2	10,146	142	2	0	2	10,146	142	2	0	2
P4	88W	R2	11,380	129	2	0	1	12,369	140	2	0	1	12,369	140	2	0	1
		R3	11,194	127	2	0	2	12,167	138	2	0	2	12,167	138	2	0	2
		R4	11,535	131	2	0	2	12,538	142	2	0	2	12,538	142	2	0	2
		RFT	11,295	128	2	0	2	12,277	139	2	0	2	12,277	139	2	0	2

Electrical Load

Performance Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	52W	0.437	0.246	0.213	0.186	0.150	0.110
P2	59W	0.498	0.287	0.251	0.220	0.175	0.126
P3	71W	0.598	0.344	0.300	0.262	0.210	0.152
P4	88W	0.727	0.424	0.373	0.333	0.260	0.190

Lumen Output in Emergency Mode (4000K, 70 CRI)

Option	Dist. Type	Lumens
E15WH	R2	3,185
	R3	3,133
	R4	3,229
	RFT	3,162
E20WC	R2	3,669
	R3	3,609
	R4	3,719
	RFT	3,642

Lumen Multiplier for 80CRI

CCT	Multiplier
30K	0.891
40K	0.906
50K	0.906

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	1.05
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

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	1.0	>0.98	>0.97	>0.92

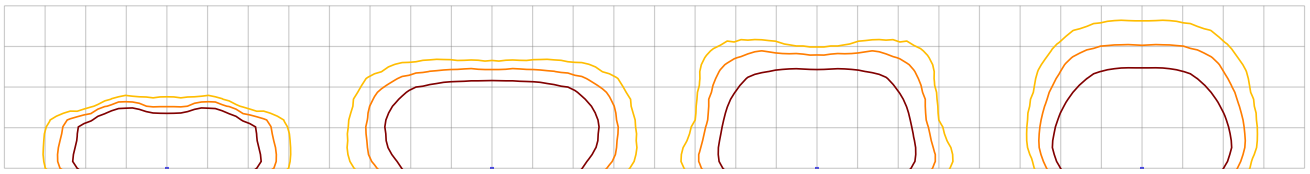
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc

MH = 15ft
Grid = 15ft x 15ft



WDGE3 LED P3 40K 70CRI R2 | WDGE3 LED P3 40K 70CRI R3 | WDGE3 LED P3 40K 70CRI R4 | WDGE3 LED P3 40K 70CRI RFT

Emergency Egress Options

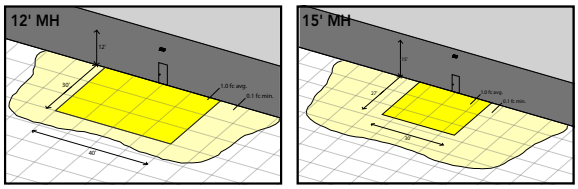
Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain, minimum of 60% of the light output at the end of 90minutes.

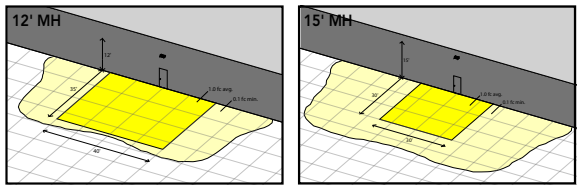
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The examples below show illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E15WH or E20WC and R4 distribution.

Grid = 10ft x 10ft



WDGE3 LED xx 40K 70CRI R4 MVOLT E15WH



WDGE3 LED xx 40K 70CRI R4 MVOLT E20WC

Control / Sensor Options

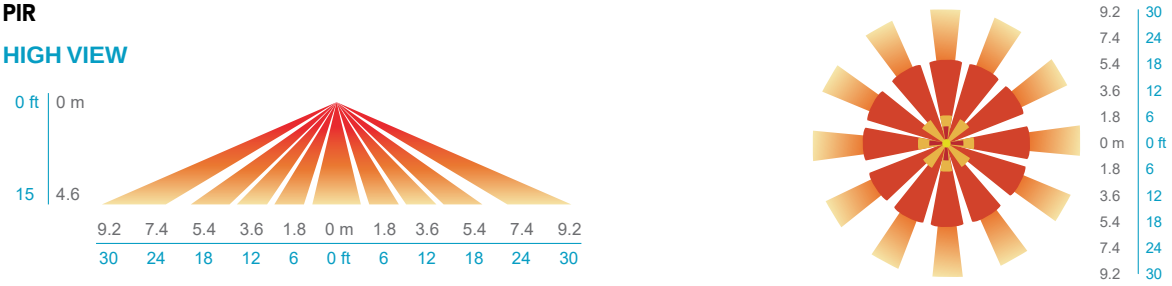
Motion/Ambient Sensor (PIR_, PIRH_)

Motion/Ambeint sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

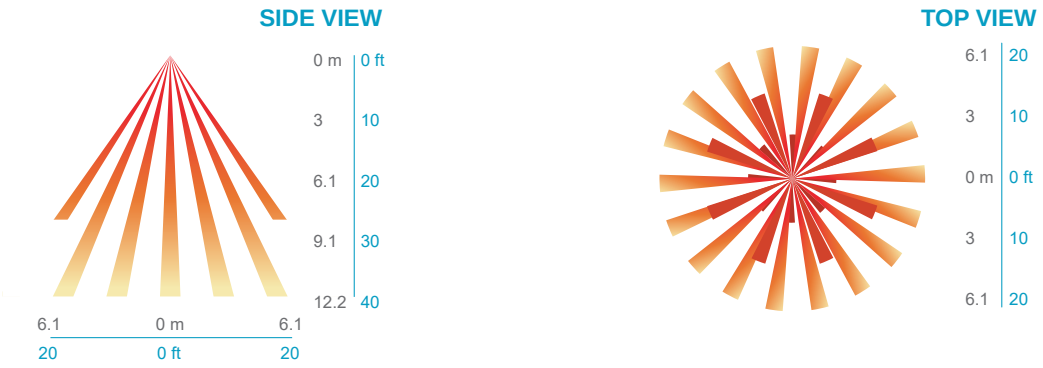
Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

PIR



PIRH



Motion/Ambient Sensor Default Settings

Option	Dim Level	High Level (when triggered	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

Mounting, Options & Accessories

NLTAIR2 PIR – nLight AIR Motion/Ambient Sensor

D = 8"

H = 11"

W = 18"

PBBW – Surface-Mounted Back Box

D = 1.75"

H = 9"

W = 18"

AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE
Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION
The single-piece die-cast aluminum housing to optimize thermal transfer from the light engine and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

FINISH
Exterior painted 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 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS
Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. Light engines are available in 3000 K, 4000 K or 5000 K configurations. The WDGE LED 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 consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L92/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

INSTALLATION
A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS
CSA certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature and SRM mounting only.

WARRANTY
5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

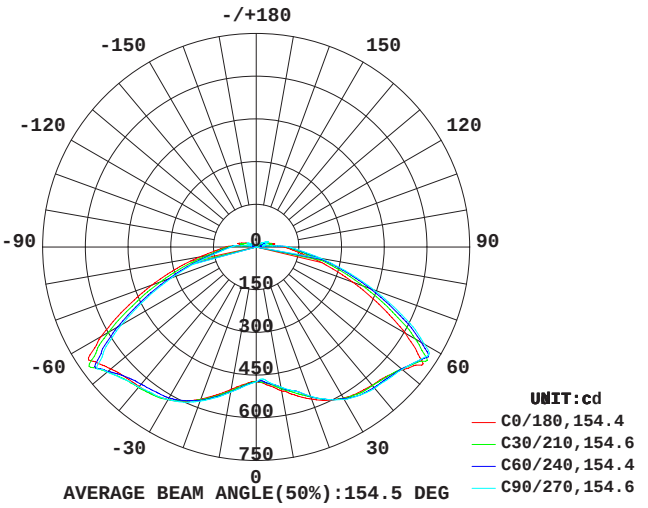
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Performance Information

Input Voltage	120-277VAC
Input Frequency	50/60Hz
Wattage	See Performance Table
Delivered Lumens	See Performance Table
System Efficacy	See Performance Table
CRI	>80
Available CCT	4000K, 5000K
Projected L70	>50,000 hours
Power Factor	>0.9
THD	<20%
Dimming	1-10V Dimming
Operating Temp.	-40°~113°F
IP Rating	IP65

Photometric Data

* IESNA LM-63 IES Available



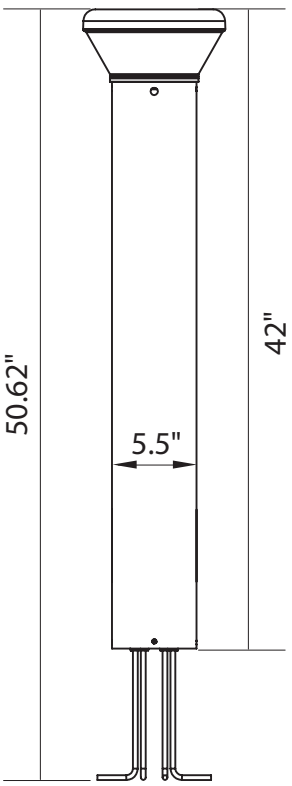
Performance Table

SKU	Wattage (W)	4000K Delivered Lumens (lm)	4000K System Efficacy (lm/W)
RBL-26W-40K-U-D-D	26	2500	96

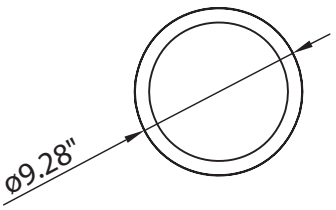
Electrical Load

System Wattage (W)	Driver Current (mA)	Current (A) Input Voltage 120V	208V	240V	277V
26	670	0.22	0.13	0.11	0.09

Product Dimensions



Weight: 13.67lbs.



Top View

Accessories Included

Mounting Type	Accessory	Quantity
	Bollard Base	1
	M8-SS Nuts	4
	Anchor Bolts	4
	Spring Washer	4
	Round Screw Washer	4

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