



# City of Madison

## Conditional Use

Location  
615 East Washington Avenue

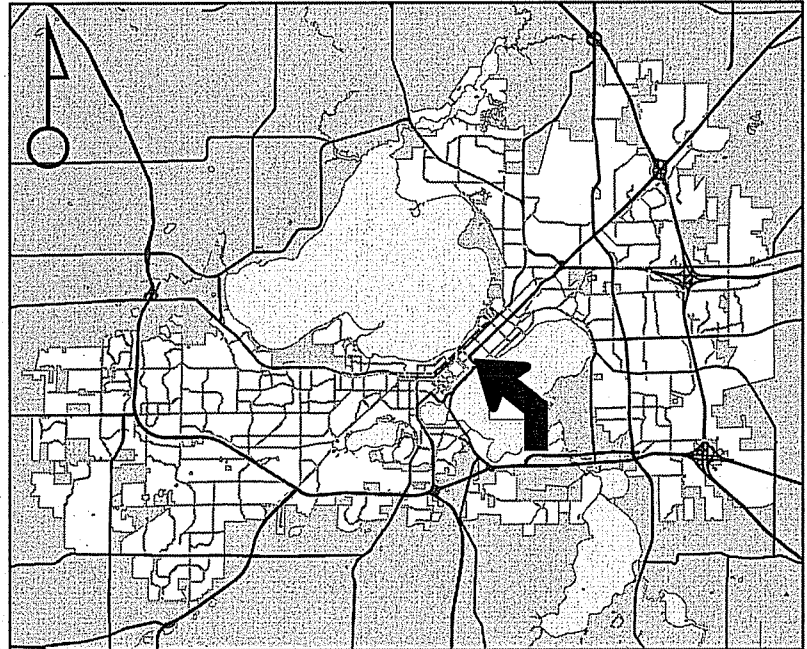
Project Name  
Day Resource Center

Applicant  
County of Dane/  
Todd Violante – County of Dane

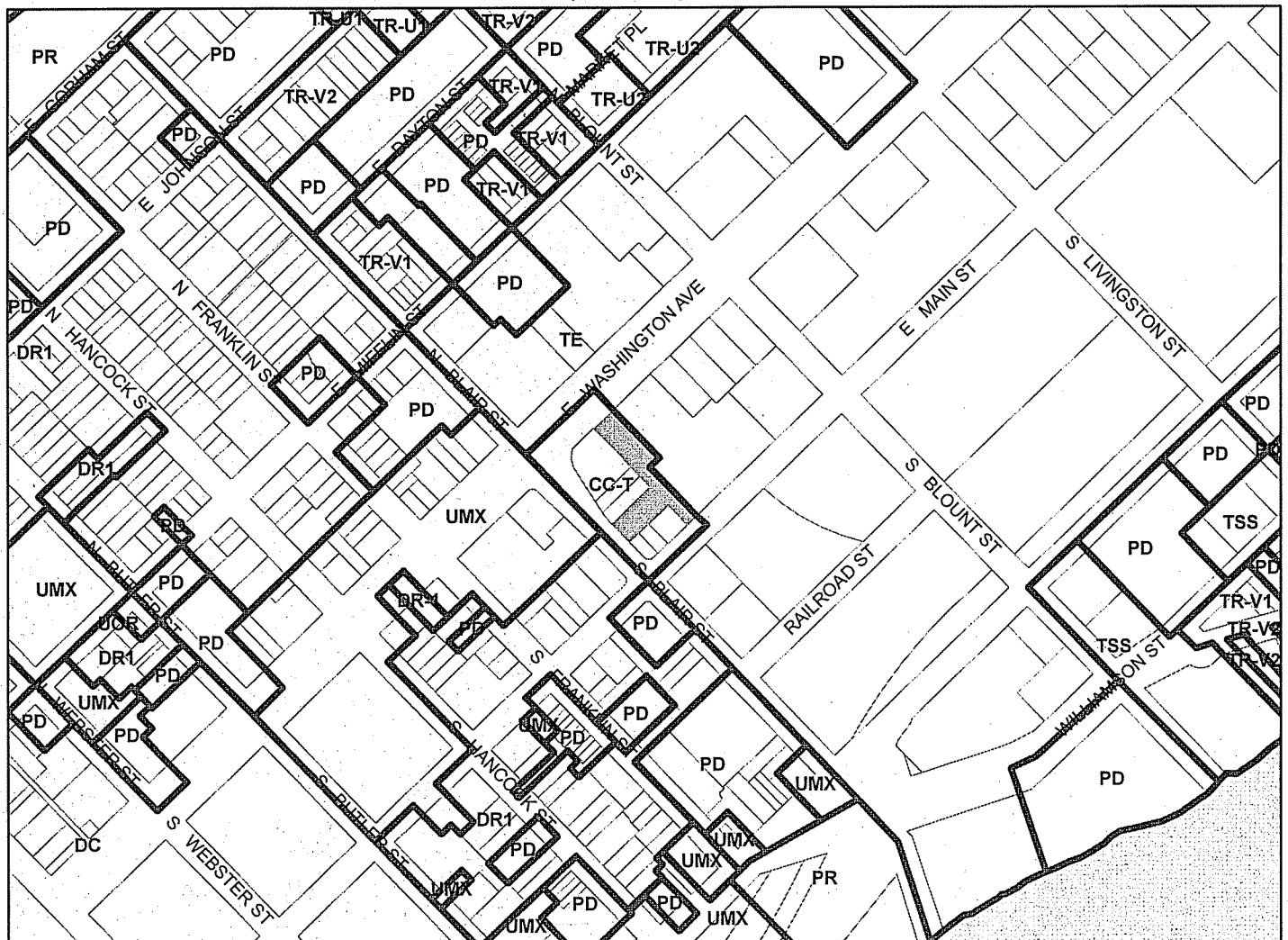
Existing Use  
Commercial building

Proposed Use  
Convert existing commercial  
building into daytime shelter in  
Urban Design Dist. 8

Public Hearing Date  
Plan Commission  
12 December 2016

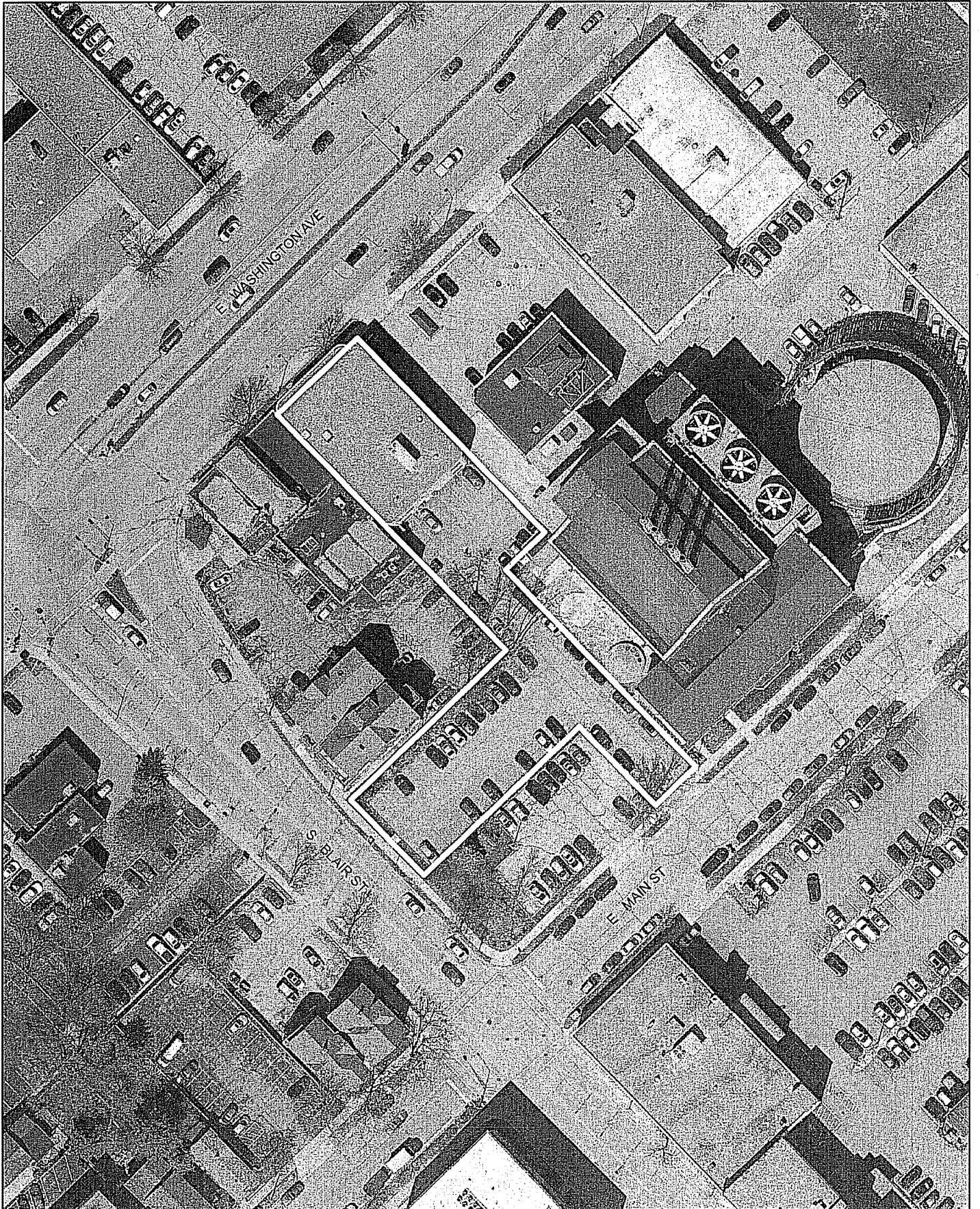


For Questions Contact: Tim Parks at: 261-9632 or [tparks@cityofmadison.com](mailto:tparks@cityofmadison.com) or City Planning at 266-4635



Scale : 1" = 400'

City of Madison, Planning Division : PPE : Date : 6 December 2016





# LAND USE APPLICATION

CITY OF MADISON

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

- All Land Use Applications should be filed with the Zoning Administrator at the above address.
- The following information is required for all applications for Plan Commission review except subdivisions or land divisions, which should be filed using the Subdivision Application.
- This form may also be completed online at:  
[www.cityofmadison.com/developmentcenter/landdevelopment](http://www.cityofmadison.com/developmentcenter/landdevelopment)

FOR OFFICE USE ONLY:	
Amt. Paid \$	Receipt No. _____
Date Received	<u>10/26/16</u>
Received By	<u>[Signature]</u>
Parcel No.	<u>0709-133-0722-3</u>
Aldermanic District	<u>6 - Rummel</u>
Zoning District	<u>CC-T</u>
Special Requirements	<u>UDD#8, WP-17</u>
Review Required By:	
<input checked="" type="checkbox"/> Urban Design Commission	<input type="checkbox"/> Plan Commission
<input type="checkbox"/> Common Council	<input type="checkbox"/> Other: _____

Form Effective: February 21, 2013

1. **Project Address:** 615 E. Washington Ave  
**Project Title (if any):** Day Resource Center

2. **This is an application for (Check all that apply to your Land Use Application):**

- Zoning Map Amendment from \_\_\_\_\_ to \_\_\_\_\_
- Major Amendment to Approved PD-GDP Zoning       Major Amendment to Approved PD-SIP Zoning
- Review of Alteration to Planned Development (By Plan Commission)
- Conditional Use, or Major Alteration to an Approved Conditional Use
- Demolition Permit
- Other Requests: \_\_\_\_\_

3. **Applicant, Agent & Property Owner Information:**

**Applicant Name:** Todd Violante      **Company:** County of Dane  
**Street Address:** 210 Martin Luther King Jr. Blvd, Room 116      **City/State:** Madison, WI      **Zip:** 53703  
**Telephone:** (608) 266-4021      **Fax:** (608) 267-1540      **Email:** violante@countyofdane.com

**Project Contact Person:** Carlos Pabellon      **Company:** County of Dane  
**Street Address:** 210 Martin Luther King Jr. Blvd, Room 425      **City/State:** Madison, WI      **Zip:** 53703  
**Telephone:** (608) 266-4941      **Fax:** ( )      **Email:** pabellon@countyofdane.com

**Property Owner (if not applicant):** County of Dane  
**Street Address:** 210 Martin Luther King Jr. Blvd      **City/State:** Madison, WI      **Zip:** 53703

4. **Project Information:**

Provide a brief description of the project and all proposed uses of the site: Day resource center to provide programming and services to homeless and low income individuals and families. (Daytime shelter CUP)

Development Schedule: Commencement Winter 2016-17      Completion September 2017

**5. Required Submittal Information**

All Land Use applications are required to include the following:

**Project Plans** including:\*

- Site Plans (fully dimensioned plans depicting project details including all lot lines and property setbacks to buildings; demolished/proposed/alterd buildings; parking stalls, driveways, sidewalks, location of existing/proposed signage; HVAC/Utility location and screening details; useable open space; and other physical improvements on a property)
- Grading and Utility Plans (existing and proposed)
- Landscape Plan (including planting schedule depicting species name and planting size)
- Building Elevation Drawings (fully dimensioned drawings for all building sides, labeling primary exterior materials)
- Floor Plans (fully dimensioned plans including interior wall and room location)

Provide collated project plan sets as follows:

- **Seven (7) copies** of a full-sized plan set drawn to a scale of 1 inch = 20 feet (folded or rolled and stapled)
- **Twenty Five (25) copies** of the plan set reduced to fit onto 11 X 17-inch paper (folded and stapled)
- **One (1) copy** of the plan set reduced to fit onto 8 ½ X 11-inch paper

\* For projects requiring review by the **Urban Design Commission**, provide **Fourteen (14) additional 11x17 copies** of the plan set. In addition to the above information, all plan sets should also include: 1) Colored elevation drawings with shadow lines and a list of exterior building materials/colors; 2) Existing/proposed lighting with photometric plan & fixture cutsheet; and 3) Contextual site plan information including photographs and layout of adjacent buildings and structures. The applicant shall bring samples of exterior building materials and color scheme to the Urban Design Commission meeting.

**Letter of Intent: Provide one (1) Copy per Plan Set** describing this application in detail including, but not limited to:

- |   |   |  |
|---|---|--|
| • Project Team                                | • Building Square Footage                       | • Value of Land  |
| • Existing Conditions                         | • Number of Dwelling Units                      | • Estimated Project Cost                                     |
| • Project Schedule                            | • Auto and Bike Parking Stalls                  | • Number of Construction & Full-Time Equivalent Jobs Created |
| • Proposed Uses (and ft <sup>2</sup> of each) | • Lot Coverage & Usable Open Space Calculations | • Public Subsidy Requested                                   |
| • Hours of Operation                          |   |  |

**Filing Fee:** Refer to the Land Use Application Instructions & Fee Schedule. Make checks payable to: *City Treasurer*.

**Electronic Submittal:** All applicants are required to submit copies of all items submitted in hard copy with their application as Adobe Acrobat PDF files on a non-returnable CD to be included with their application materials, or by e-mail to pcapplications@cityofmadison.com.

**Additional Information** may be required, depending on application. Refer to the Supplemental Submittal Requirements.

**6. Applicant Declarations**

**Pre-application Notification:** The Zoning Code requires that the applicant notify the district alder and any nearby neighborhood and business associations in writing no later than **30 days prior to FILING this request**. List the alderperson, neighborhood association(s), and business association(s) AND the dates you sent the notices:

7/22/16: Alder Rummel (Dist 6); Marquette & Tenney-Lapham Neighborhood Associations; Central BID #1, Capital East Business Dist, Williamson Area Business Assoc, Downtown Madison Inc.

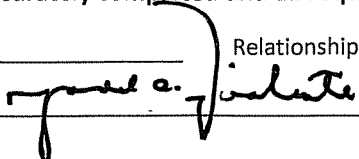
→ If a waiver has been granted to this requirement, please attach any correspondence to this effect to this form.

**Pre-application Meeting with Staff:** Prior to preparation of this application, the applicant is required to discuss the proposed development and review process with Zoning and Planning Division staff; note staff persons and date.

Planning Staff: Tim Parks Date: 7/7/16 Zoning Staff: Matt Tucker Date: 9/22/16

The applicant attests that this form is accurately completed and all required materials are submitted:

Name of Applicant Todd Violante Relationship to Property: Owner's representative

Authorizing Signature of Property Owner  Date 10/26/16



**DANE COUNTY**  
DEPARTMENT OF HUMAN SERVICES

JOE PARISI  
DANE COUNTY EXECUTIVE

## Dane County Department of Human Services

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Director – Lynn Green  
1202 Northport Drive, Madison WI 53704-2092  
Phone: (608) 242-6200 • FAX: (608) 242-6293

October 26, 2016

City of Madison  
Department of Planning & Community & Economic Development  
215 Martin Luther King, Jr. Blvd  
Madison, WI 53703

RE: Letter of Intent  
Day Resource Center - Conditional Use  
615 E. Washington Ave  
Madison, WI 53703

Please accept this letter of intent, land use application, and associated attachments as Dane County's formal request for review and approval of a Conditional Use Permit for the Day Resource Center project detailed below.

**Project Name:** Day Resource Center

**Project Team:**

**Owner:** County of Dane  
210 Martin Luther King, Jr. Blvd  
Madison, WI 53703  
**Contact:** Carlos Pabellon  
Phone: (608)266-4941  
Email: [pabellon@countyofdane.com](mailto:pabellon@countyofdane.com)

**Architect:** Dorschner Associates, Inc.  
849 East Washington Ave., Suite 112  
Madison, WI 53703  
**Contact:** Dawn O'Kroley  
Phone: (608)204-0777  
Email: [dokroley@dorschnerassociates.com](mailto:dokroley@dorschnerassociates.com)

**Operator:** Catholic Charities, Inc., Diocese of Madison  
702 S. High Point Rd, Suite 201  
Madison, WI 53719  
**Contact:** Kathy Stellrecht, PhD  
Phone: (608)826-8112 | Fax: (608)826-8026  
Email: [KStellrecht@ccmadison.org](mailto:KStellrecht@ccmadison.org)

**Project Overview:**

Dane County requests approval of a Conditional Use Permit for a daytime shelter (hereinafter “Day Resource Center” or “Center”) at 615 East Washington Avenue.

The Day Resource Center will help prevent and end homelessness by providing individuals and families experiencing homelessness, or living in poverty and at-risk of homelessness, a critical connection to services and assistance in one convenient location.

Services offered on-site at the Center will cover two overarching areas – basic needs (showers, laundry, respite from the elements) and connections to community resources (case management, housing search assistance, employment and training).

Additional programming details are provided below, and in the attached management plan.

The Day Resource Center will be operated by Catholic Charities, Inc. Diocese of Madison, a 501(c)(3) non-profit organization affiliated with Catholic Charities USA.

With the proposed site improvements, security measures, programmatic design, and a commitment to ongoing evaluation and community engagement, Dane County is confident that the proposal satisfies the approval standards found in section 28.183(6) of the city of Madison zoning code.

**Existing Conditions:**

The property at 615 East Washington Avenue (tax parcel ID 0709-133-0722-3) totals 24,786 s.f., and is located within District 6, in the Marquette neighborhood. No demolition is proposed, and no major alterations are proposed to the building structure.

The parcel has frontage on East Washington Avenue (66’), South Blair Street (62.5’), and East Main Street (33’). Driveway access to the property is via the East Main Street frontage. Existing parking areas located behind the building total 51 spaces. Prior to acquisition by Dane County, the property housed the offices of the Greater Madison Area Chamber of Commerce and Greater Madison Convention and Visitors Bureau.

The property is zoned CC-T Commercial Corridor - Transitional District. The city’s comprehensive plan designates the majority of property as being within the “Employment” planning area. A small area of the property fronting Blair Street is designated as “Community Mixed Use”.

**Project Schedule:**

Upon approval of the conditional use permit, the county will proceed with hiring a construction contractor to complete the necessary alterations to the building, and continue working with the operator, partner groups, and other stakeholders to refine and finalize programming details. The goal is to have the Center open and fully operational by September, 2017.

**Proposed Uses:**

The Day Resource Center will include a number of uses and services actively managed by the operator (basic services), and services currently provided by other agencies that the operator will partner with to offer on-site at the Center (on-site resource services). It is anticipated that the specific services provided at the Center will vary over time as the operator and partner agencies adjust to the needs of patrons.

Basic services will be located primarily on the first floor of the building (5,565 s.f.), while on-site resource services will be primarily located on the second floor of the building (5,858 s.f.). An area of approximately 3,175 s.f., located at the Main Street entrance of the building, will serve as outdoor program space for use by patrons, staff and visitors.

The operator will manage and supervise on-site basic needs services for patrons, including the following: computer lab, daytime shelter from the elements, kitchen, laundry, mail/message center, outdoor activity / courtyard areas, private office space for meetings, separate enclosed indoor/outdoor space for families, showers, space for patrons to temporarily store belongings during center hours of operation, vital document storage, and telephone access.

In addition, the operator will provide or partner with community groups to provide access to other necessities, including but not limited to, assistance obtaining IDs, food, personal hygiene items, clothing, and baby items (diapers, formula).

The operator will collaborate with other community service agencies to provide the following on-site resource services at the Center in the first year of operations: case management, employment and training services, housing assessment, and housing navigation.

The operator will provide referral of patrons to other area providers and services that may not be located in the facility, including but not limited to legal, AODA, mental health, medical, health insurance, financial counseling, and transportation.

Over time, the operator and/or its partners may seek to expand the range of services and supportive community programming provided on-site at the Center, in collaboration with its agency partners and Center patrons, and based on need. These services may include the following: alcohol and other drug addiction services / support groups, haircuts, legal services, mental health services, resource fairs, literacy services, therapeutic resources, social support circles, and empowerment seminars.

Please see the attached management plan for additional detail regarding proposed uses and services at the Center.

**Hours of Operation:**

Hours of operation at the Center will be 8:00 am to 5:00 pm daily. Dane County respectfully requests that the hours of operation be listed on the Conditional Use Permit as 6:30am-6pm daily, as provided for in the city zoning code. The reason for this request is to ensure the operator has some limited flexibility to respond to client needs in the event of weather emergencies (for example, extreme cold or extreme heat). No nighttime services or overnight accommodations will be provided.

**Building Square Footage:**

The existing two-story building totals 12,836 s.f. (gross). Usable first floor area totals 5,565 s.f., and the usable area of the second floor totals 5,858 s.f.

The current building code calculation reflects 287 total occupants with 106 occupants on the second floor and 181 occupants on the first floor. The conceptual furniture plan provided comfortably seats approximately 100 people on the first floor.

**Number of Dwelling Units:**

There will be no dwelling units located in the building.

**Auto and Bike Parking Stalls:**

A total of 30 auto parking stalls will be located on the property in the existing parking lot fronting S. Blair Street. Two stalls will be ADA accessible, and an ADA accessible drop-off area will be provided. A minimum of 16 bike parking stalls will be provided and located adjacent to the Main Street courtyard entryway.

**Lot Coverage & Usable Open Space Calculations:**

Of the parcel's 24,786 s.f. total area, approximately 3,175 s.f. of usable open space is provided by improving the existing asphalt parking lot at the Main Street Courtyard entrance.

**Value of Land:**

The total value of the land is \$295,000. Value of improvements is \$698,400. Values are from the 2016 tax assessment.

**Estimated Project Cost:**

Construction costs are estimated to total approximately \$1.7 million. The Center's annual operating cost is estimated to total \$690,000. Dane County's 2017 budget currently reflects fully funded 2017 operating costs, estimated at \$330,000.

**Number of Construction & Full-Time Equivalent Jobs Created:**

A total of 30 construction jobs will be created by the project.

A total of 7.5 Full-Time Equivalent (FTE) jobs will be created by the operator to staff the resource Center. This includes the following positions:

Center director – 1.0 FTE  
Patron Service Specialists – 2.8 FTE  
Reception Coordinator – 1.4 FTE  
Family Services Specialist – 1.4 FTE  
Volunteer Coordinator - .5 FTE  
Janitor - .4 FTE

Additional staffing information, including an organizational chart, is included in the enclosed management plan.

**Public Subsidy Requested:**

None.

**Additional Background:**

*Providing a Community Need*

Currently, a number of agencies provide a variety of basic needs services during the day to individuals and families experiencing homelessness. These services are located throughout the City of Madison and Dane County, and for those experiencing homelessness, it can be incredibly difficult to travel to multiple locations to efficiently take care of basic needs and access the community resources necessary to obtain housing, employment, and more. For example, day shelter is available at one location with referral to



resources, but if an individual needs to shower, do laundry, and meet with a case manager, they would have to go to two to three other locations.

Additionally, while some of the basic needs and resource services proposed for the Day Resource Center are available through emergency overnight shelters, not everyone can access overnight shelter, creating a demand for these services during the day.

A great need exists in our community for a facility that offers many of these basic needs and community resource services in one convenient location.

#### *Site Selection*

Dane County worked with its project partners for years to find a suitable location for a Day Resource Center based on desired criteria including, but not limited to, close proximity to downtown Madison, transportation options, other resources for individuals who are homeless or at risk of becoming homeless, and employment opportunities.

Locations beyond the downtown area on Wright Street, Lien Road and in the Town of Madison on Martin Street were all thoroughly vetted. Locations closer to downtown Madison were also pursued, including the temporary Day Resource Center location from three years ago at 857 East Washington Ave., and more recently at the current Bellini Restaurant at 401 East Washington Ave., as well as the former Messner building at 1326 East Washington Ave. Dane County considered dozens of other sites, but all were rejected based on a combination of location, cost, size or condition concerns.

Locating the Day Resource Center at 615 E. Washington Avenue provides a central location close to existing supports for the target population it is intended to serve, including an emergency overnight shelter for men, temporary and emergency overnight shelters for women and families, and the Madison Central Library, where a number of agencies provide case management services. The site is less than a mile away from several free meal sites, located on a major bus route, and near a bike path. The existing building is appropriately sized for the programming and services to be offered, and has two floors to facilitate the proposed multi-purpose uses. It is for these reasons that the property was selected and acquired.

#### *Operator Selection*

Dane County selected Catholic Charities, Inc., Diocese of Madison to operate the Day Resource Center after an impartial Dane County Request for Proposals (RFP) application and review process.

RFP #116065, Operation of a Day Resource Center, was issued for responses on June 24, 2016, and the deadline for submissions was August 12<sup>th</sup> at 2:00pm Central Time. An RFP review panel consisting of representatives from the project's funding partners – Dane County, the City of Madison, and The United Way – and two neighborhood representatives, was convened on August 25<sup>th</sup>. Following the results of the review panel's scoring, the County entered into contract negotiations with Catholic Charities.

Catholic Charities has over 70 years of experience in helping people who are poor, vulnerable, and homeless, and has experience in working with many of the root causes of homelessness including poverty, disability, substance abuse, and mental health issues. As a result of its work and experience, Catholic Charities has developed a strong network of collaborative relationships in various sectors across the county including nonprofit agencies, health care systems, multiple school districts, Dane County Human Services, the State of Wisconsin, The United Way, and various faith communities.

Catholic Charities has experience and a proven track record of taking the lead role in organizing multiple community agencies to join forces towards a common goal. Organizational strengths fall within four areas of expertise: Child and Family Programs, Developmental Disabilities, Substance Abuse, and Aging Services. The organization operates over 30 distinct programs that fall within these four service areas.

Additionally, Catholic Charities will run a day warming center at Bethel Lutheran Church, located at 312 Wisconsin Avenue, in downtown Madison this winter from November 1st, 2016, until March 31<sup>st</sup>, 2017. Providing this service will give individuals experiencing homelessness another important resource until the Day Resource Center opens. It will also enable Catholic Charities to develop relationships with agencies and potential patrons of the Day Resource Center ahead of the facility's opening.

*Neighborhood Input*

In the months prior to submittal of this Conditional Use Permit application, county staff and community partners met with neighbors and neighborhood groups, elected officials, Madison Police, City of Madison staff, neighboring businesses, individuals with lived experience of homelessness, advocates, agencies, and other stakeholders to present information and invite input into the Day Resource Center project.

The proposal reflects input received from those meetings when possible, including recommendations for security, ongoing community and patron engagement and input, site plan components, and services provided. A list of meetings held and attended is attached as Appendix A.

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Dane County is confident that the proposed Day Resource Center will be an asset to the neighborhood and the broader community it will serve. County staff, the architect, and the operator's representatives will be in attendance at the Plan Commission hearing to present information about the proposal and respond to any questions.

Sincerely,

Carlos Pabellon  
Director, Dane County Department of Administration



## **Dane County Department of Human Services**

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Director – Lynn Green  
1202 Northport Drive, Madison WI 53704-2092  
Phone: (608) 242-6200 • FAX: (608) 242-6293

### **Day Resource Center Management Plan**

**615 East Washington Ave.**

**Madison, WI**

The Day Resource Center management plan includes the following information:

- Operations philosophy and overview
- Patron experience
- Hours of operation
- Staffing and management structure
- Building capacity
- Parking/bike parking
- Transportation support
- Security measures
- Storage of belongings
- Trash/recycling storage and removal
- Snow removal
- Monitoring / evaluation
- Community engagement
- Floor plan (attached)
- Site plan (attached)
- Photometric plan (attached)
- Building elevations (attached)
- Utility plan to increase the size of the water service and add a fire protection system (attached)

### **Operations Philosophy and Overview**

The Day Resource Center will help prevent and end homelessness by providing individuals and families experiencing homelessness, or living in poverty and at-risk of homelessness, a critical connection to services and assistance in one convenient location.

The operator is committed to creating a safe, inclusive environment that will be a welcoming support to patrons and a good neighbor in downtown Madison.

Services offered on-site at the Center will cover two overarching areas – basic needs (showers, laundry, respite from the elements) and connections to on-site resources (case management, housing search assistance, employment and training). If a patron is in need of service not located on-site, the operator will refer patrons to those resources.

Most basic needs services are proposed for the first floor of the building. The Center will include the following services managed and supervised by the operator:

- Kitchen – A self-service warming kitchen where visitors can warm up or prepare their own snacks or small meals.
- Laundry – Commercial washers and commercial dryers, available for use during business hours.
- Mail/Message Center – The ability for individuals and families with no fixed address to have mail delivered to the Center, or to obtain messages at a fixed location.
- Multi-purpose seating areas – Separate spaces for single adults and families with children to provide refuge from the elements during the day.
- Outdoor courtyards – Separate outdoor spaces for single adults and families with children.
- Showers – Gender-neutral shower and bathroom facilities, with a separate bathroom and shower area for families with children.
- Storage – Space suitable for storage of some personal items during the day while the Center is open. Long-term storage of vital documents (e.g., copy of birth certificate) will also be available.
- Telephone Access – Landline phones that can be utilized by patrons to access local resources or stay connected with community supports.

The second floor of the building is proposed to house on-site resource services. The services listed below are currently being provided by other agencies in Dane County. The operator will work with Dane County, the City of Madison, the United Way, and the agencies that offer these services to make them available to patrons on-site at the Center.

- Computer Lab – Computers available for patrons to conduct housing and employment searches, work on a resume, check e-mail, obtain vital records, etc.
- Flexible resource space – For use as a separate quiet space and/or family space for guests in need of resources on the second floor.
- Employment and training space – A larger area for partner agencies to provide educational and employment training opportunities in a classroom-style setting.
- Case Management – Partner agency staff who would maintain office hours on-site at the Day Resource Center and provide case management services to customers, including referral to services located outside of the Center, such as mental health services, alcohol and other drug addiction (AODA) services, and more.

- Coordinated Entry – Partner agency staff who would conduct housing assessments and connect individuals and families experiencing homelessness or near homelessness with shelter, housing, or eviction prevention and/or rental assistance funds.
- Housing Navigation – Partner agency staff who would assist patrons with housing searches, housing applications, addressing barriers to housing (income, credit, transportation issues), outreach to housing providers, and connection to supportive services (if needed) once a customer has obtained housing.

#### *Additional Services*

Over time, the operator may seek to expand the range of services and supportive community programming provided on-site at the Center, in collaboration with its agency partners and Center patrons, and based on need. These services may include the following: alcohol and other drug addiction services / support groups, haircuts, legal services, mental health services, resource fairs, literacy services, therapeutic resources, social support circles, and empowerment seminars.

Center operations will also be informed and advised by members of a Patron Advisory Council consisting of individuals with lived experience of homelessness and Day Resource Center patrons, and a Community Advisory Council consisting of neighboring residents, businesses, and elected officials. More information on these councils can be found in the “Community Engagement” section.

#### **Patron Experience**

The operator will work to create a positive experience and a welcoming community for future Day Resource Center patrons. Operations will reflect trauma informed care and harm reduction philosophies to the greatest extent possible. The operator will also train staff and volunteers in these approaches and work to educate any contracted vendors in these philosophies.

Patrons will have an active role in developing policies and programming for the Center, and their feedback will be actively solicited from Center staff, whether formally through the Patron Advisory Council, or informally through engagement with Center staff.

To access the Center, guests may enter through both entrances, however, the entrance through the rear courtyard will be the one that guests will be encouraged to use. A reception desk will be located within line-of-sight of both entrances. All patrons entering the Center will be greeted by the Reception Coordinator and directed to the services that they are seeking.

#### **Hours of Operation**

The Day Resource Center will be open 8am to 5pm, 365 days a year. In the event of severe weather emergencies (e.g., extreme cold or heat), hours may be expanded to 6:30am-6pm. There will be no nighttime services provided.

**Staffing and Management Structure**

Catholic Charities will hire staff to operate and manage direct services provided at the Day Resource Center (see organizational chart, below).

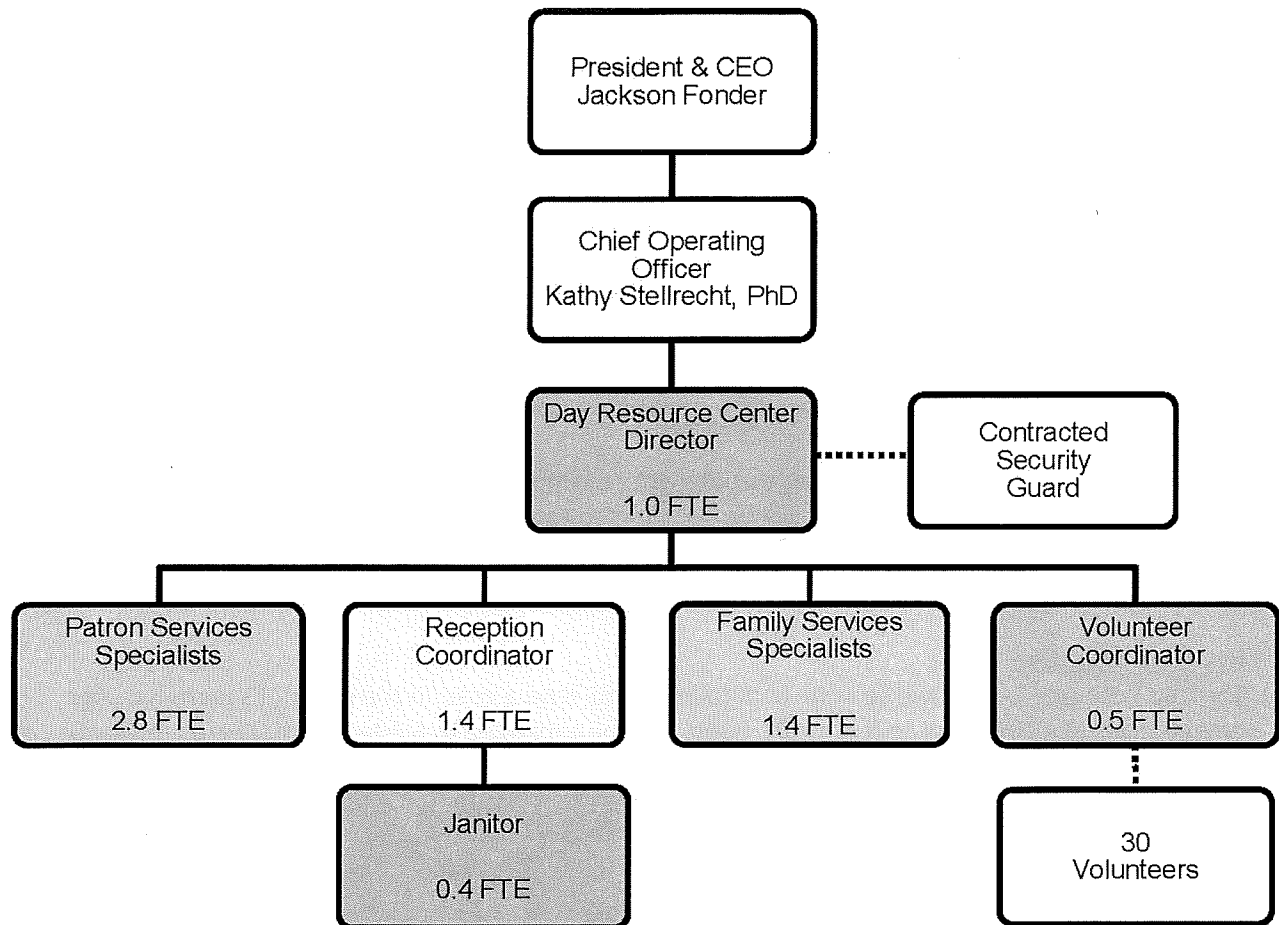
The Day Resource Center Director will be responsible for all operations at the Center.

A security guard position will be contracted for through a private firm such as JBM.

Trained volunteers will also assist in the day-to-day operations of the Center. Catholic Charities will coordinate with independent partner agencies in the delivery of their programming / services.

Partner agencies offering on-site resource services and Center staff will have office space on the second floor of the Center.

Below is an organizational diagram. A description of each position is provided on the following page.



### *Staff Roles and Responsibilities*

Day Resource Center Director: Judy Metzger has been hired to serve as the Center director, and will work with the Chief Operating Officer to hire all of the other Center positions. Ms. Metzger has an advanced degree in psychology and counseling, with 25 years of experience in outreach and management. Most recently, Ms. Metzger managed a 26,000 square foot center for young people with more than 1,000 visitors a year. She also brings excellent training, volunteer recruitment, and communication skills, community outreach experience, and experience in working with people with mental health issues to her position as Center Director.

The Reception Coordinator will greet all patrons and visitors, with assistance of volunteers, and handle phone calls.

The Patron Services Specialists will work with patrons individually and in groups to help them access the resources and services they need. There will be two Patron Services Specialists on duty every day of the week including Saturday and Sunday.

The Family Support Specialists will work with families individually and in groups to help them access the resources and services they need. There will be one Family Support Specialist on duty every day of the week including Saturday and Sunday.

The Volunteer Coordinator will recruit, interview, and check backgrounds and references of all volunteers. Once the volunteers have been approved, they will receive intensive training that will give them the skills to respectfully provide supportive assistance. The volunteer coordinator will work with other staff to schedule the volunteers. The Volunteer Coordinator will work 20 hours a week.

The Janitor will work with the Reception Coordinator, volunteers, patrons and staff to insure that the facility is clean and well maintained at all times. There will be one janitor on duty every day of the week including Saturday and Sunday from 4:30 PM to 6:30 PM.

The Security Guard will be present during all hours that the facility is open and provided through a contract with a security firm. Initially, the position will be full-time in order to assess longer-term needs. This position may not be needed on a full-time basis permanently. More information on the Security Guard roles and responsibilities can be found under the "Security" section.

The next page provides a diagram of the Center staffing schedule.

*Staffing Schedule:*

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Director	Director	Director	Director	Director		
Reception Spec.	Reception Spec.	Reception Spec.	Reception Spec.	Reception Spec.		
					Reception Spec.	Reception Spec.
Patron Ser. Spec.	Patron Ser. Spec.	Patron Ser. Spec.	Patron Ser. Spec.	Patron Ser. Spec.		
Patron Ser. Spec.	Patron Ser. Spec.	Patron Ser. Spec.	Patron Ser. Spec.	Patron Ser. Spec.		
					Patron Ser. Spec.	Patron Ser. Spec.
					Patron Ser. Spec.	Patron Ser. Spec.
Family Ser. Spec.	Family Ser. Spec.	Family Ser. Spec.	Family Ser. Spec.	Family Ser. Spec.		
					Family Ser. Spec.	Family Ser. Spec.
Security Guard	Security Guard	Security Guard	Security Guard	Security Guard		
					Security Guard	Security Guard
Volunteer Coord.		Volunteer Coord.		Volunteer Coord.		

In addition to the above staff positions, volunteers will assist with the operations of the Center on a daily basis. The operator anticipates recruiting at least 30 volunteers who will work with staff to ensure that each patron receives the help they need.

The operator will have three different sets of responsibilities for their volunteers, and will assign them according to their skills and preferences.

1. Reception and Scheduling Volunteers will assist the Reception Coordinator in answering the phones, guiding patrons to the information or assistance they need, scheduling rooms for groups and staff from other agencies, and maintaining a daily posted “schedule of events.”

2. Patron Assistance Volunteers will work under the direction of the Patron Services Specialists to maintain day-to-day operations and assist with groups and individual sessions.

3. Family Assistance Volunteers will work under the direction of the Family Services Specialists to insure that families and children have safe activities and supervision.



### **Building Capacity**

The current building code calculation reflects 287 total occupants with 106 occupants on the second floor and 181 occupants on the first floor. The conceptual furniture plan provided comfortably seats approximately 100 people on the first floor.

### **Parking / Bicycle Parking**

A total of 30 auto parking stalls will be located on the property in the existing parking lot fronting S. Blair Street. Two stalls will be ADA accessible and an ADA accessible drop off area will be provided. A minimum of 16 bike parking stalls will be provided and located adjacent to the Main Street courtyard entryway.

### **Transportation Support**

Several public and private transportation options will be available to Center patrons and staff.

*Public Transit:* The site is located along a major transportation corridor and is served by at least nine different Madison Metro bus routes.

*Private Transit:* A private shuttle bus or van will be provided daily at the close of operations to transport patrons to nearby destinations, including overnight and drop-in shelters. This service will be evaluated based on patron usage and may not be permanently needed given the Center's close proximity to other community supports, such as overnight shelter.

*Private Transportation:* Auto and bike parking will be provided on site in accordance with applicable code requirements. The site is accessible to a number of bike-friendly routes, most notably the Capitol City bike trail, and the Mifflin Street "bike boulevard".

*Pedestrian Access:* The attached site plan better identifies existing pedestrian access routes in the existing parking lot from Main Street as well as Blair Street.

### **Security**

Security is of great importance to Dane County and the Operator to ensure the Day Resource Center is a good neighbor for surrounding property owners and a safe refuge for future Center patrons. Concerns over security have been raised at the numerous outreach meetings county representatives and the operator have sponsored and attended, and measures to address those concerns are outlined below.

In addition to the measures listed below, Center staff will be trained in conflict resolution techniques to manage any minor disputes that may occur. The operator will actively involve Center patrons in the design, implementation, and ongoing monitoring and evaluation of the Center's security operation and management.

*Security staff:* A security guard will be present during all hours that the facility is open and provided through a contract with a security firm. The operator seeks to contract with a firm that will provide knowledgeable, culturally sensitive staff with training in de-escalation and crisis intervention methods. It is important that security staff reflect the inclusive, friendly operations philosophy desired by the operator by regularly engaging with patrons and staff. When needed, the Security Guard will assist in helping patrons get to the locations/offices they need. This person would be recognizable as security staff, unarmed, and carry a cell-phone and walkie-talkie for internal communication at all times.

The operator will establish this contract for security services for its winter 2016-17 day shelter operation at Bethel Lutheran Church. This will provide an opportunity for the security staff to establish relationships with the Center director, volunteers, and most importantly, the patrons themselves.

In addition to patrols inside the facility, the Security Guard will patrol the outside of the building to monitor activity outside and near the property. The operator will work with the Center's Patron Advisory Council to help provide additional outdoor patrols around the facility's block.

After the first six months of operations at the Center, the operator will evaluate the need to maintain a full-time security guard after first consulting with the Community Advisory Council, Patron Advisory Council, on-site partner agencies, and the Madison Police Department. As a result of the operator's commitment to establishing a culture of respect and ownership among patrons, along with other security measures being taken, the full-time security guard may not be needed on a permanent basis. Depending on the outcome of those deliberations, alternative security services could be contracted for, such as part-time patrol, incident response, and/or emergency services.

*Security fencing:* The site plan includes areas of fencing with an integrated cap and lighting to define the outdoor usable space within the property boundaries. The entire outdoor Main Street courtyard area will be surrounded by aesthetically designed security fencing, with a retractable gate to be locked daily at the close of business hours. Signage will be posted to prevent after-hours parking.

*Outdoor lighting:* As detailed in the enclosed photometric plan, outdoor nighttime lighting will be designed to adequately illuminate the facility grounds, discourage loitering or trespass after hours, and provide visibility for Madison Police Department and Capitol Police observation.

*Security camera system:* A security camera system will be installed on the grounds and inside the facility to allow staff to monitor activity during business hours. The system will also provide recorded access to deter after-hours loitering or trespass. Signage will be posted to indicate video surveillance.

*Closing procedure:* Center staff will follow a standard procedure for closing the Center at the end of the day to ensure no patrons remain on the facility grounds. Center staff and volunteers will provide assistance at the close of daily operations to ensure that patrons find appropriate accommodations for the evening and do not linger on the property. As noted below, transportation support will be available to patrons daily at closing.

*Patron transportation:* A shuttle or van service will provide patrons transportation from the Center to nearby overnight shelters daily beginning at 4:30pm.

*Coordination with MPD:* The operator has and will continue to coordinate with Madison Police Department Central District staff on security procedures. Advice has been provided on the placement of security cameras, as well as contracting for the security guard position. At a minimum, the Center director will convene biannual meetings between MPD and Center staff to address any emerging issues or concerns.

*Coordination with Capitol Police:* The operator will coordinate with Capital Police who regularly patrol the adjacent Capital Heat & Power Plant.

### **Storage of belongings**

Dane County and the operator understand that storage of personal items is a critical issue for homeless individuals and families. The Day Resource Center will accommodate temporary storage of a small amount of belongings for patrons while they are using the facility during the day. Long term, or overnight, storage of individuals' possessions is not part of the Center's proposed operations at this time.

*Temporary storage:* Lockers will be provided on the first floor of the Center for patrons to store a small amount of belongings during the operating hours of the facility.

*Vital document storage:* The operator will work with the Patron Advisory Council and other stakeholders to offer secure storage of patrons' vital documents that are necessary for a housing or job application.

*Personal belongings left on site:* Center staff will attempt to return to the rightful owner any personal belongings or items found on the Center grounds at the close of daily operations and develop an abandoned property disposal policy guided by the City of Madison's Lost Property Policy.

If the operator or security staff notice belongings left on public property neighboring the center, they will contact the Madison Police Department for assistance.

If this becomes a recurring problem, the issue will be addressed with the Patron and Community Advisory Councils.

*Long-term storage:* The Center is located in close proximity to an existing long-term storage site at the Social Justice Center, 1202 Williamson St. The operator will refer patrons in need of long term storage to this provider, as well as to long-term storage facilities located at St. Vincent de Paul on 2033 Fish Hatchery Rd. in Madison. The County's Homeless Services Manager is also working actively to convene an overnight/long-term storage workgroup consisting of City staff and City County Homeless Issues Committee members to identify other storage solutions.

### **Trash Storage / Removal**

A dumpster and recycling container will be located within a fenced area in the corner of the Main Street courtyard entryway adjacent to the state DOA building. Trash and recycling removal will occur weekly with services contracted through a private refuse service.

### **Snow Removal**

Snow removal for sidewalks and parking areas will be contracted with a private company. The operator is considering extending the existing contract that the Chamber of Commerce has with Maple Leaf Landscaping.

### **Monitoring and Evaluation**

The goal of the Day Resource Center is to give patrons opportunities to obtain the resources they need in order to attain stable and permanent housing. To this end, the provider will carefully track and monitor a variety of measures outlined below, and will work with contacts at the University of Wisconsin-Madison to assist with refining, tracking and reporting these measures:

- Average length of homelessness experienced by patrons served by the Center.
- Total numbers of patrons attending the Center on a daily, monthly, and annual basis.
- How many patrons connect with stable housing resources.
- Number and type of referrals to other agencies and resources needed by patrons.
- The number, hours, and frequency that collaborating partners work out of the facility.
- The number and type of special presentations and programs offered to help patrons attain housing.
- The number of volunteers and service hours provided to patrons on a quarterly basis.
- The number of calls to the police and/or crises and document the reasons and outcomes.
- Patron demographics.

While Day Resource Center staff will not provide direct case management services, they will connect patrons to on-site case management services or service referrals for permanent housing and will track the percentage of patrons who are able to maintain housing for 6 months, and for one year after receiving services at the Center.

Patron data will be entered and tracked using the Homeless Management Information System (HMIS), a best-practice for data management in the local homeless and housing system.

### **Ongoing Community Engagement**

In public meetings, participants shared that open communication between the operator and neighbors, and the operator and patrons, as well as a prompt response to issues that may arise, was critical to the success of the Center.

The operator plans to form and convene separate Patron and Community Advisory Councils to help advise Center staff on Center policy and procedures, build community partnerships, govern center operations, and more. The operator will also designate and communicate a central contact for the Center that can be reached by neighbors who may have questions or concerns regarding the facility.

The operator is committed to developing and executing a community engagement plan to maintain staff outreach to Center patrons, community service partners, neighborhood representatives, local government, local law enforcement, and surrounding businesses.

*Patron engagement:* The operator will involve Center patrons in decisions throughout the development of the Day Resource Center and keep them involved through the Patron Advisory Council. The operator plans to survey participants quarterly for the first year, and annually after that, to solicit feedback on Center operations.

*Business engagement:* The operator will appoint a member of their Board of Directors to serve as a liaison and meet with neighboring businesses to address any concerns they may have. This liaison will also help neighboring business understand the goals and operations of the Center, as well as the needs and challenges the Center patrons may face.

*Neighborhood engagement:* The operator will invite a local homeowner to participate on the Community Advisory Council. The operator will also work with nearby neighborhood associations and alders to distribute updates and news related to the Center. Open houses for neighbors and the community will be provided on a regular basis.

*Local government and the Madison Police Department:* The Community Advisory Council will include representatives from local government, and the operator will reach out to the Madison Police Department regularly to update them on Center operations and seek their counsel when needed.

*Service partner engagement:* The operator will hold monthly partner meetings at the Day Resource Center where agencies providing services at the Center can get updates, and have concerns and questions addressed.

*Public relations:* The operator will provide in-kind public relations services to publicize the opening of the Center, ongoing programming and services offered there, and to ensure future patrons know how to access the Center and its services. The provider will also use its public relations resources, including website and social media, to increase public support and awareness for the Day Resource Center.



## Dane County Department of Human Services

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Director – Lynn Green  
1202 Northport Drive, Madison WI 53704-2092  
Phone: (608) 242-6200 • FAX: (608) 242-6293

### Appendix A – List of Outreach Meetings

1. July 13<sup>th</sup>, 7pm – 9pm MGE, Annex 601 Railroad St, Room A106, Madison  
Neighborhood Meeting organized by Alder Rummel. Project staff attended and presented.
2. September 13<sup>th</sup>, 5:30pm – 5:45pm Wil-Mar Neighborhood Center, 953 Jenifer St., Madison  
Marquette Neighborhood Association Preservation and Development Committee.  
Project staff invited to meeting and presented.
3. September 16<sup>th</sup>, 10am. County staff and Catholic Charities met with Cliff Fischer and his counsel, Bill White, regarding the proposed operations and site plan for the Center
4. September 21<sup>st</sup>, 7pm - 9pm. St. Patrick's Church (Parish Hall), 404 E. Main St., in Madison.  
Neighborhood meeting organized by County staff.
5. September 22<sup>nd</sup>, 9am. Project staff met with the City of Madison Development Assistance Team to present the project's proposed operations and site plan for feedback.
6. September 28<sup>th</sup>, 9:45am – 11:45am (Project staff organized) First United Methodist Church, 203 Wisconsin Ave., Madison  
Neighborhood meeting organized by County staff, focused on soliciting input from individuals with lived experience of homelessness.
7. October 5<sup>th</sup>, 8am – County staff, Catholic Charities, and the project architect met with Captain Carl Gloede of the Madison Police Department about the proposed operations and site plan for the Center and to solicit suggestions on security measures for the facility (i.e. camera and signage placement.)
8. October 5<sup>th</sup>, 9am – 10am – Homeless Services Consortium Shelter Providers Meeting United Way, 2059 Atwood Ave., Madison  
Meeting organized by Shelter Providers committee, project staff invited to present.
9. October 5<sup>th</sup>, 1:30pm – Reynolds Transfer  
County staff and Catholic Charities met with representatives of Reynolds Transfer about the proposed operations and site plan for the Center.  
  
October 5<sup>th</sup>, 7pm - 9pm (Project staff organized) – Immanuel Lutheran Church, 1021 Spaight St., Madison  
Neighborhood meeting organized by County staff.

10. October 6<sup>th</sup>, Noon – State of Wisconsin Department of Administration  
County staff met with representatives of State DOA about the proposed operations and site plan for the Center.
11. October 11<sup>th</sup>, 1pm – MG&E  
County staff and Catholic Charities met with representatives of MG&E about the proposed operations and site plan for the Center.

In addition to these meetings, updates on the Day Resource Center project have been a standing agenda item for the Dane County Board's Health and Human Needs Committee. Regular updates on the project have also been provided at monthly City County Homeless Issues Committee meetings.



**INDEX**

G100	INDEX OF DRAWINGS AND CONTEXT PHOTOS
C100	SITE PLAN AND GRADING PLAN
C200	UTILITY PLAN
L100	LANDSCAPE PLAN
A100	EXTERIOR ELEVATIONS
A101	EXTERIOR RENDERINGS
A200	FLOOR PLANS
E002	SITE PLAN - LIGHTING PHOTOMETRICS

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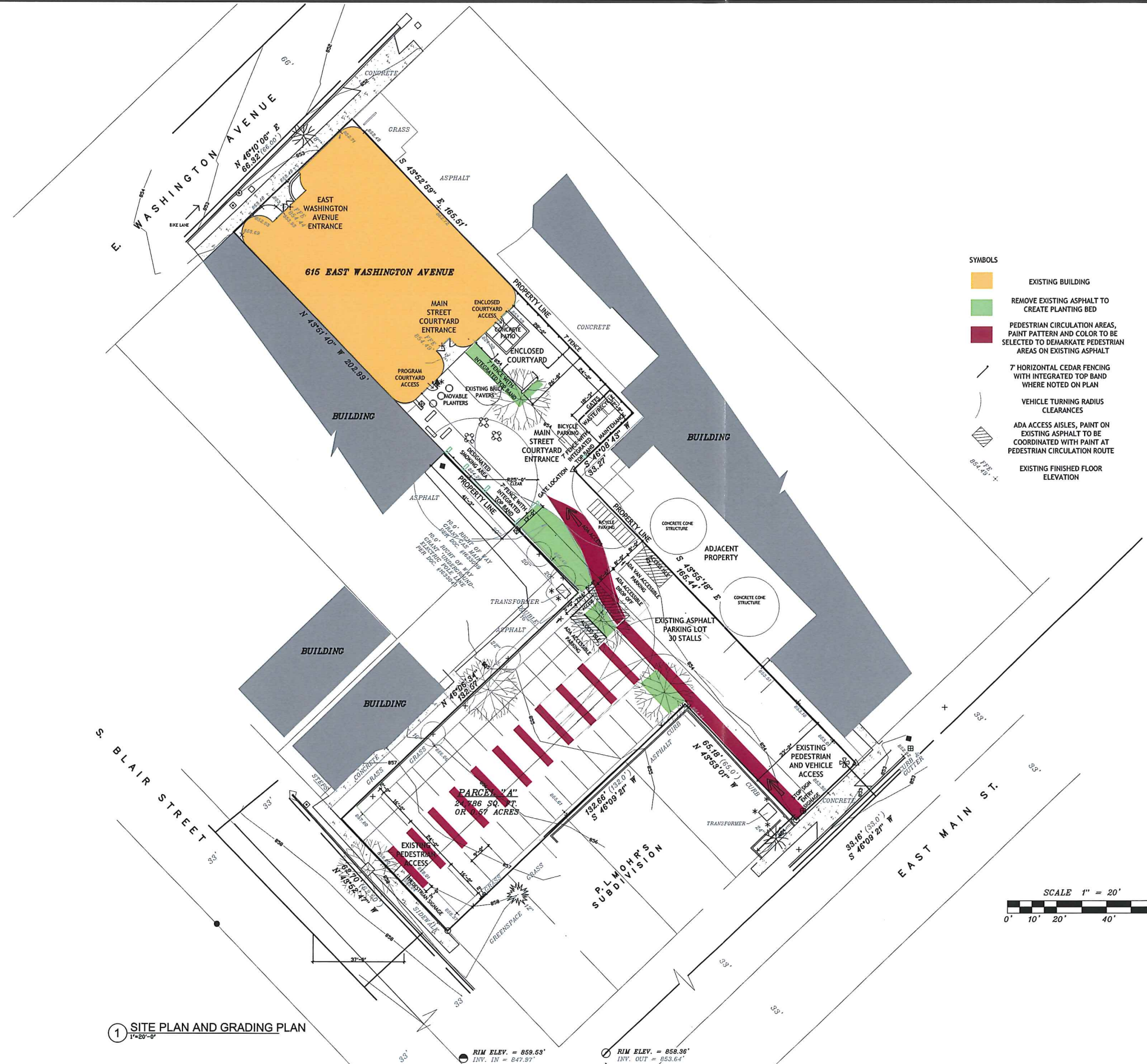
**PROJECT**  
DANE COUNTY  
DAY RESOURCE CENTER  
615 E WASHINGTON AVE  
MADISON WISCONSIN

**DRAWING**  
INDEX OF DRAWINGS AND  
CONTEXT PHOTOS

**DATE**  
10.24.16



ISSUED

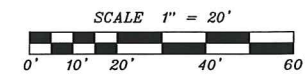


- SYMBOLS**
- EXISTING BUILDING
  - REMOVE EXISTING ASPHALT TO CREATE PLANTING BED
  - PEDESTRIAN CIRCULATION AREAS, PAINT PATTERN AND COLOR TO BE SELECTED TO DEMARKATE PEDESTRIAN AREAS ON EXISTING ASPHALT
  - 7' HORIZONTAL CEDAR FENCING WITH INTEGRATED TOP BAND WHERE NOTED ON PLAN
  - VEHICLE TURNING RADIUS CLEARANCES
  - ADA ACCESS AISLES, PAINT ON EXISTING ASPHALT TO BE COORDINATED WITH PAINT AT PEDESTRIAN CIRCULATION ROUTE
  - EXISTING FINISHED FLOOR ELEVATION

1 SITE PLAN AND GRADING PLAN  
1"=20'-0"

RIM ELEV. = 859.63'  
INV. IN = 847.97'

RIM ELEV. = 858.96'  
INV. OUT = 853.64'



**PROJECT**  
DANE COUNTY  
DAY RESOURCE CENTER  
615 E WASHINGTON AVE  
MADISON WISCONSIN

**DRAWING**  
SITE PLAN AND  
GRADING PLAN

**DATE**  
10.24.16

C100

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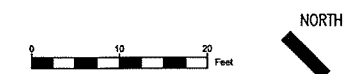
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**PROJECT**  
DANE COUNTY  
DAY RESOURCE CENTER  
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MADISON WISCONSIN

**DRAWING**  
UTILITY PLAN

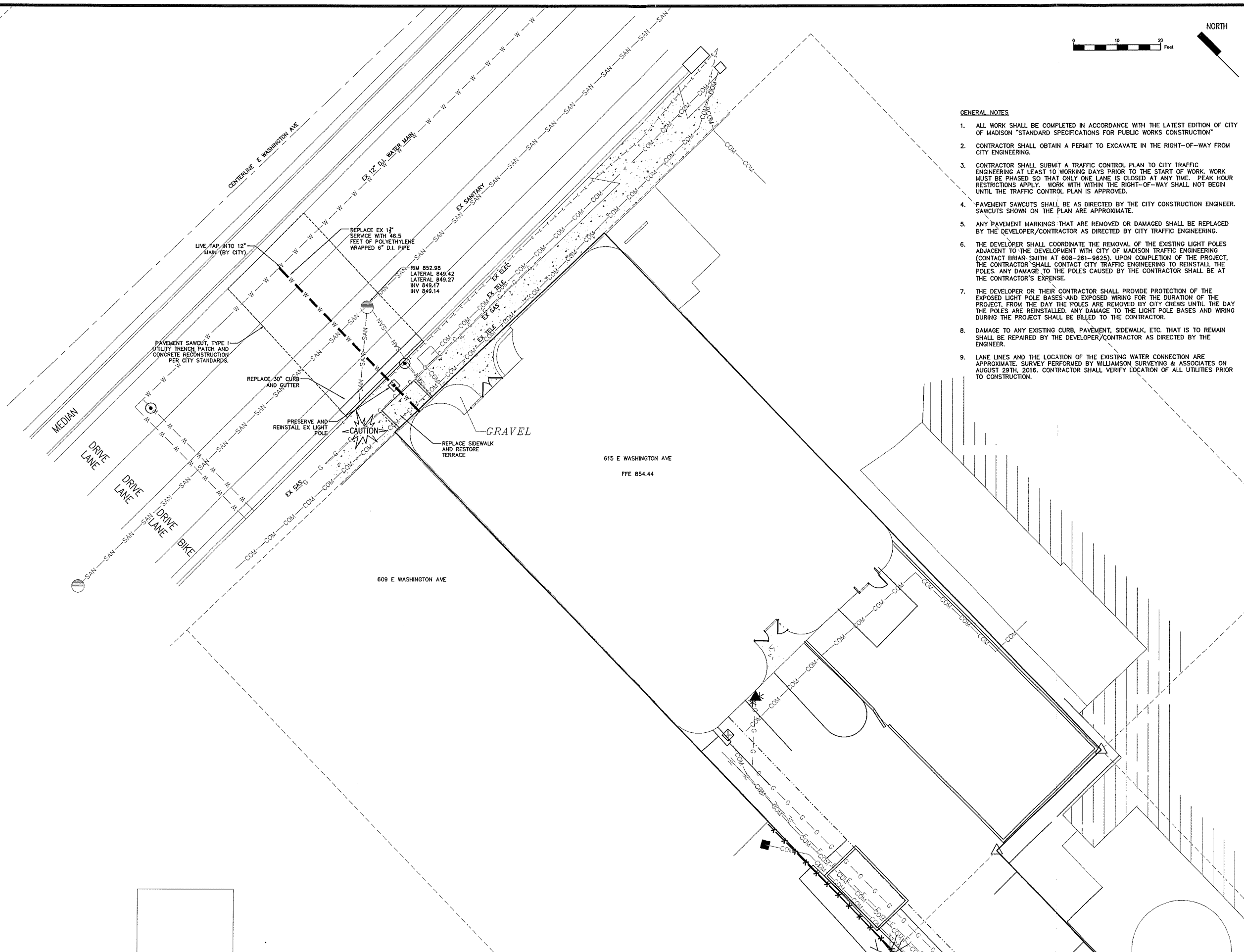
**DATE**  
10.24.16

C200



**GENERAL NOTES**

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST EDITION OF CITY OF MADISON "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION"
2. CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE IN THE RIGHT-OF-WAY FROM CITY ENGINEERING.
3. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO THE START OF WORK. WORK MUST BE PHASED SO THAT ONLY ONE LANE IS CLOSED AT ANY TIME. PEAK HOUR RESTRICTIONS APPLY. WORK WITHIN THE RIGHT-OF-WAY SHALL NOT BEGIN UNTIL THE TRAFFIC CONTROL PLAN IS APPROVED.
4. PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.
5. ANY PAVEMENT MARKINGS THAT ARE REMOVED OR DAMAGED SHALL BE REPLACED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY CITY TRAFFIC ENGINEERING.
6. THE DEVELOPER SHALL COORDINATE THE REMOVAL OF THE EXISTING LIGHT POLES ADJACENT TO THE DEVELOPMENT WITH CITY OF MADISON TRAFFIC ENGINEERING (CONTACT BRIAN SMITH AT 608-261-9625). UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL CONTACT CITY TRAFFIC ENGINEERING TO REINSTALL THE POLES. ANY DAMAGE TO THE POLES CAUSED BY THE CONTRACTOR SHALL BE AT THE CONTRACTOR'S EXPENSE.
7. THE DEVELOPER OR THEIR CONTRACTOR SHALL PROVIDE PROTECTION OF THE EXPOSED LIGHT POLE BASES AND EXPOSED WIRING FOR THE DURATION OF THE PROJECT. FROM THE DAY THE POLES ARE REMOVED BY CITY CREWS UNTIL THE DAY THE POLES ARE REINSTALLED, ANY DAMAGE TO THE LIGHT POLE BASES AND WIRING DURING THE PROJECT SHALL BE BILLED TO THE CONTRACTOR.
8. DAMAGE TO ANY EXISTING CURB, PAVEMENT, SIDEWALK, ETC. THAT IS TO REMAIN SHALL BE REPAIRED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY THE ENGINEER.
9. LANE LINES AND THE LOCATION OF THE EXISTING WATER CONNECTION ARE APPROXIMATE. SURVEY PERFORMED BY WILLIAMSON SURVEYING & ASSOCIATES ON AUGUST 29TH, 2016. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.



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**PROJECT**  
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**DRAWING**  
LANDSCAPE PLAN

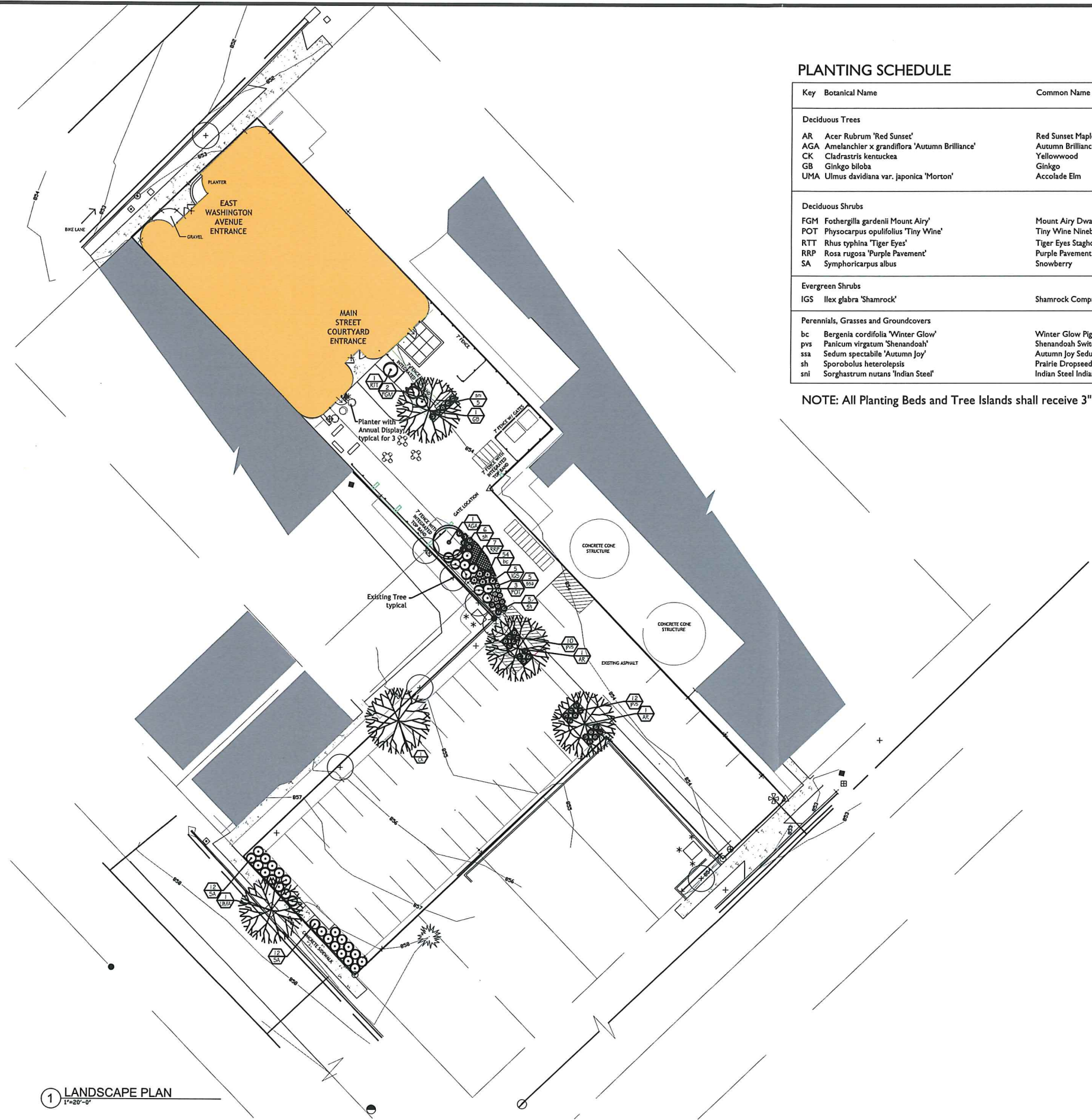
**DATE**  
10.24.16

**L100**

**PLANTING SCHEDULE**

Key	Botanical Name	Common Name	Qty	Planting Size	Root Spec	Spacing	Comments
<b>Deciduous Trees</b>							
AR	Acer Rubrum 'Red Sunset'	Red Sunset Maple	2	2 1/2" cal	B&B	As shown	Straight leader
AGA	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry	1	8" HT	B&B	As shown	Multi-trunk
CK	Cladrastris kentuckea	Yellowwood	1	2 1/2" cal	B&B	As shown	Straight leader
GB	Ginkgo biloba	Ginkgo	1	2 1/2" cal	B&B	As shown	Straight leader, matched
UMA	Ulmus davidiana var. japonica 'Morton'	Accolade Elm	1	2 1/2" cal	B&B	As shown	Straight leader
<b>Deciduous Shrubs</b>							
FGM	Fothergilla gardenii 'Mount Airy'	Mount Airy Dwarf Fothergilla	2	24" HT	B&B	As shown	Full plants, matched
POT	Physocarpus opulifolius 'Tiny Wine'	Tiny Wine Ninebark	3	24" HT	B&B	As shown	Full plants, matched
RTT	Rhus typhina 'Tiger Eyes'	Tiger Eyes Staghorn Sumac	1	24" HT	B&B	As shown	Full plant
RRP	Rosa rugosa 'Purple Pavement'	Purple Pavement Rugosa Rose	7	18" HT	B&B	As shown	Full plants, matched
SA	Symphoricarpos albus	Snowberry	24	18" HT	B&B	As shown	Full plants, matched
<b>Evergreen Shrubs</b>							
IGS	Ilex glabra 'Shamrock'	Shamrock Compact Inkberry	5	24" HT	B&B	As shown	Full plants, matched
<b>Perennials, Grasses and Groundcovers</b>							
bc	Bergenia cordifolia 'Winter Glow'	Winter Glow Pigsqueak	54	6" POT	CONT	12" o.c.	Full plants
pvs	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	22	1 GAL	CONT	As shown	Full plants, matched
ssa	Sedum spectabile 'Autumn Joy'	Autumn Joy Sedum	5	1 GAL	CONT	As shown	Full plants, matched
sh	Sporobolus heterolepis	Prairie Dropseed	11	1 GAL	CONT	As shown	Full plants, matched
sni	Sorghastrum nutans 'Indian Steel'	Indian Steel Indian Grass	5	2 GAL	CONT	As shown	Full plants, matched

NOTE: All Planting Beds and Tree Islands shall receive 3" minimum depth Shredded Hardwood Bark Mulch

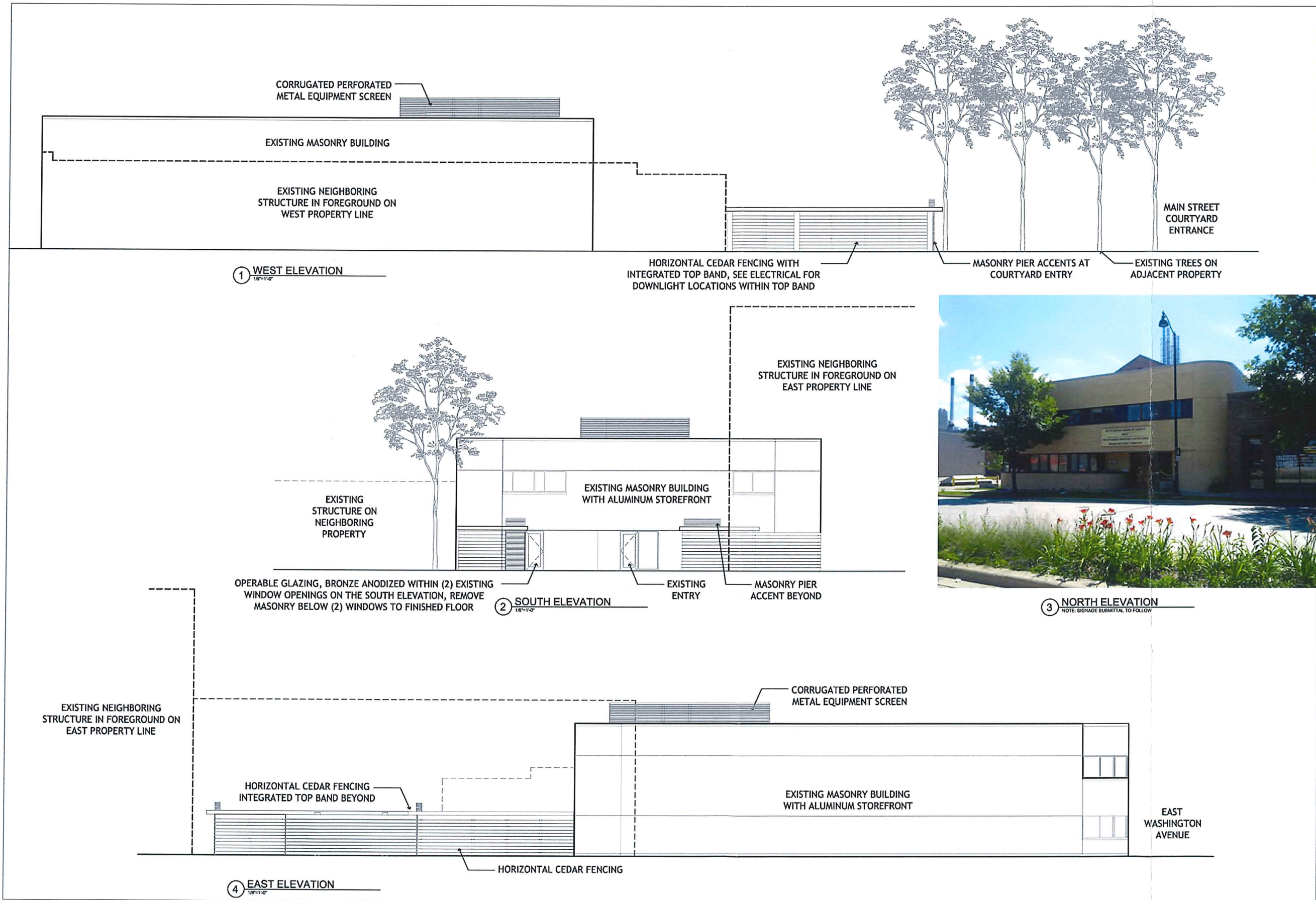


1 LANDSCAPE PLAN  
1"=20'-0"

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**DRAWING**  
EXTERIOR ELEVATIONS

**DATE**  
10.24.16

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EXTERIOR RENDERINGS

**DATE**  
10.24.16



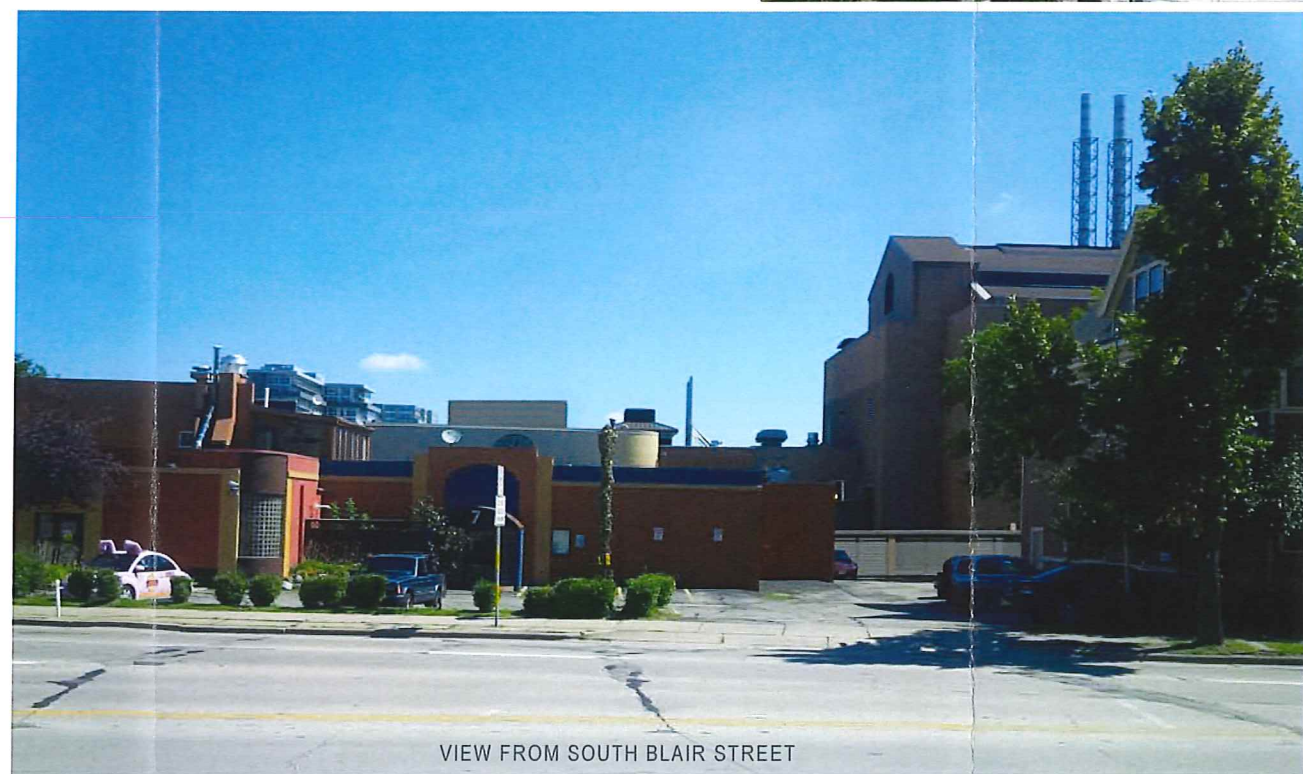
VIEW FROM EAST WASHINGTON AVENUE



DESIGN PRECEDENT IMAGES



VIEW FROM EAST MAIN STREET

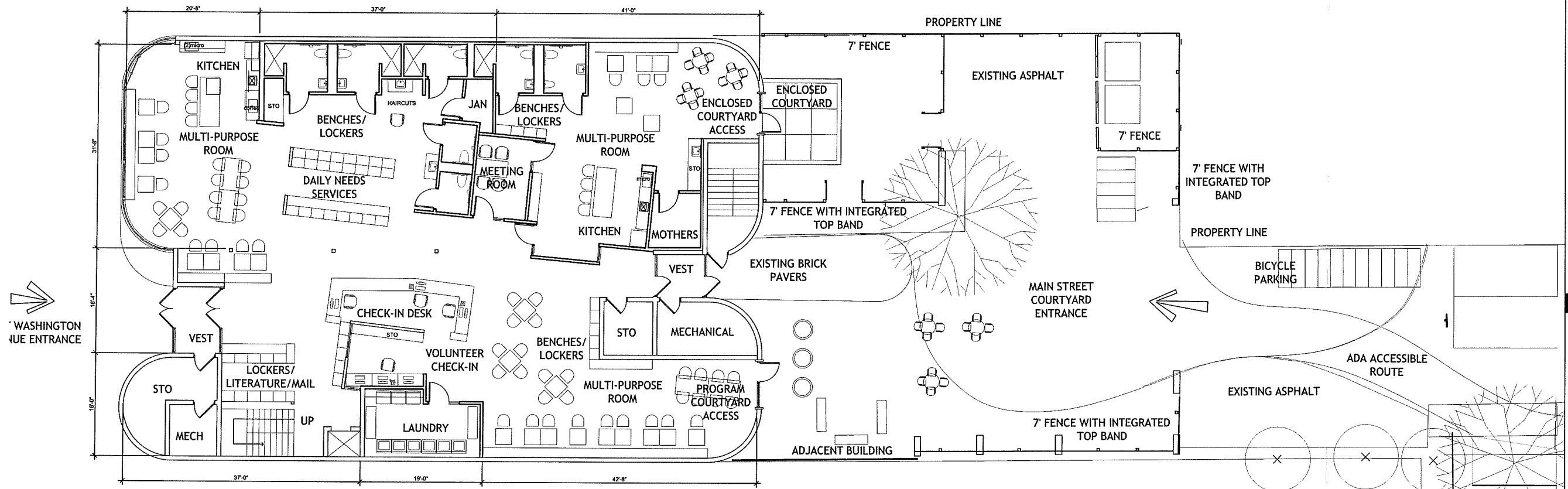


VIEW FROM SOUTH BLAIR STREET

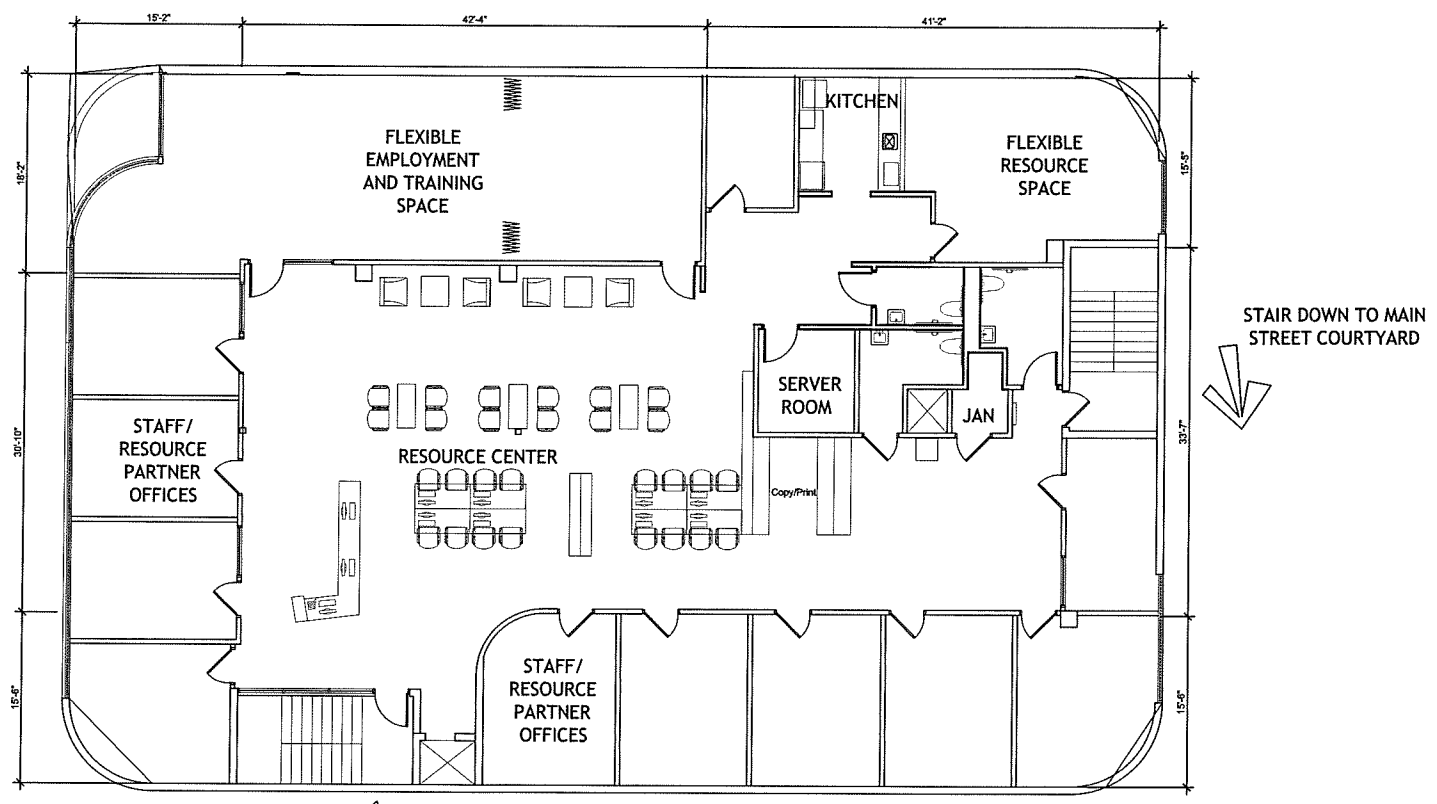
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1 FIRST FLOOR PLAN  
1/8"=1'-0"

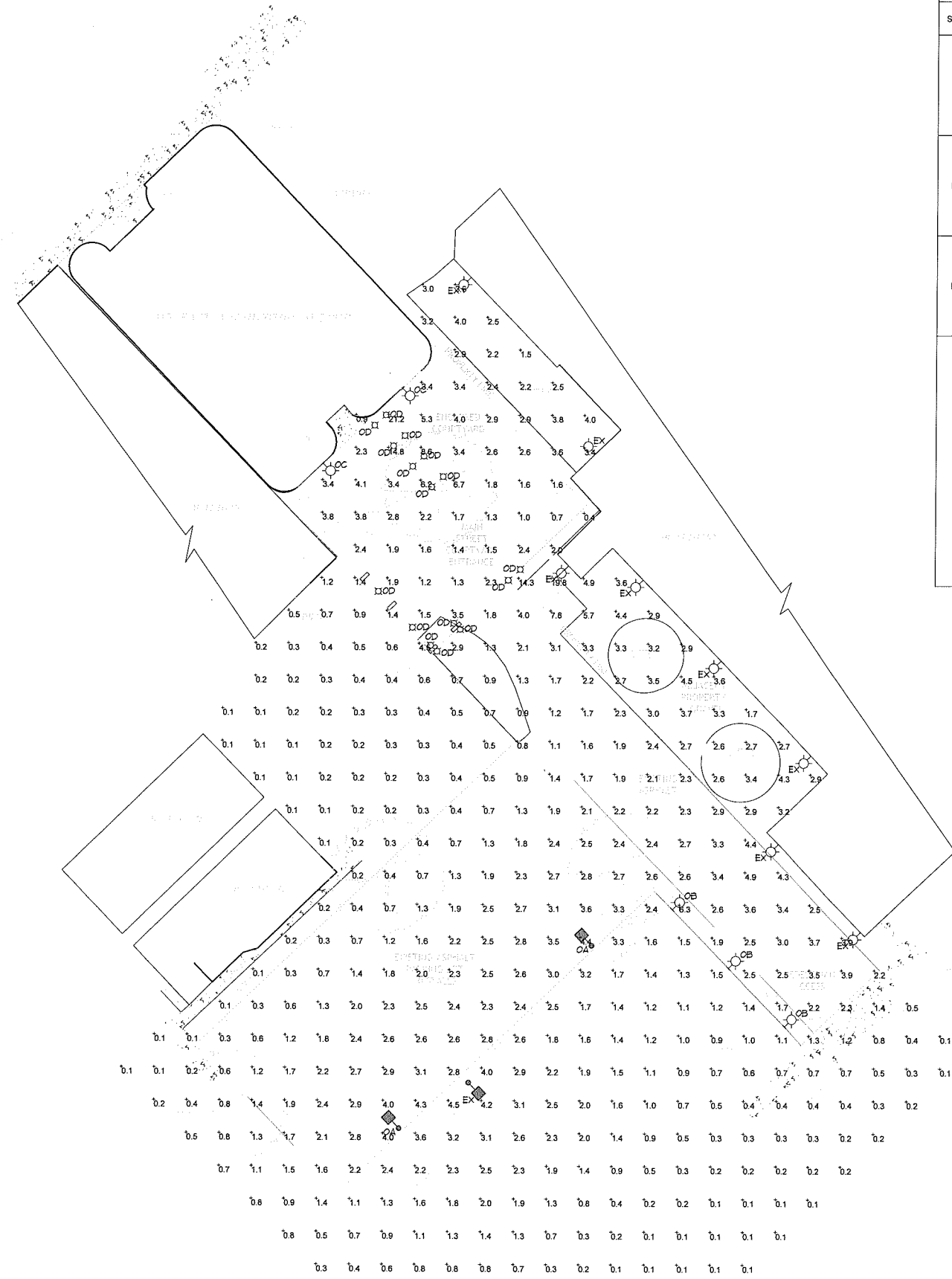


2 SECOND FLOOR PLAN  
1/8"=1'-0"



**PROJECT**  
DANE COUNTY  
DAY RESOURCE CENTER  
615 E WASHINGTON AVE  
MADISON WISCONSIN

**DRAWING**  
FLOOR PLANS AND  
ILLUSTRATIVE FURNITURE  
PLANS  
**DATE**  
10.24.16



Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage
□	OA	3	DSX0 LED 40C 1000 50K T4M MVOLT HS	DSX0 LED with 40 LEDs @1000 mA, 5000K, Type 4 Medium Optics with HOUSE-SIDE SHIELD	LED	1	11777	0.92	138
⊗	OC	2	WPLED52 / ALED52 (15-DEGREE UPTILT - STANDARD CUTOFF)	CAST FINNED METAL HOUSING, 2 CIRCUIT BOARDS EACH WITH 1 LED, MOLDED PLASTIC REFLECTOR WITH SPECULAR FINISH AND 1 OPTICAL COMPARTMENT WITH 1 APERTURE PER LED, CLEAR FLAT GLASS LENS IN CAST BROWN PAINTED METAL LENS FRAME.	TWO WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDS), TILTED 55-DEGREES FROM VERTICAL BASE-UP POSITION.	2	2948	0.92	60.7
⊗	OB	3	WPLED5	WITH SPECULAR REFLECTOR AND CLEAR CURVED GLASS LENS	ONE LED ARRAY, LUMINAIRE OUTPUT = 196 LMS.	1	196	0.92	5.3
⊗	OD	16	NS-LED-e66-WFL-12, AR-LED-TR-e66-WFL-12, AR-LED-RM-e66-WFL-12, DS-LED-e66-WFL-12, RM-AR-LED-e66-WFL-12, SN-LED-e66-WFL-12, ST-LED-e66-WFL-12, SF-LED-e66-WFL-12, TF-LED-e66-WFL-12, WS-LED-e66-WFL-12, AW-LED-e66-WFL-12, SW-LED-e66-WFL-12, GD-LED-e66-WFL-12, GO-LED-e66-WFL-12, EQ-LED-e66-WFL-12, ED-LED-e66-WFL-12, SM-AR-LED-e66-WFL-12, PM-LED-e66-WFL-12, WM-LED-e66-WFL-12, UL-AR-LED-e66-WFL-12, HP2-LED-e66-WFL-12, CO2-LED-e66-WFL-12, VO-LED-e66-WFL-12, VS-LED-e66-WFL-12	MACHINED CYLINDRICAL METAL HOUSING, 1 BLACK CIRCUIT BOARD WITH 3 LEDES, ONE CLEAR CONICAL PLASTIC OPTIC PER LED WITH FROSTED SURFACE OPPOSITE LED AND SEMI-HEMISPHERICAL RECESSED CENTER TOWARD LED, MOLDED BLACK PLASTIC OPTIC MOUNTING FRAME, CLEAR MICRO-PRISMATIC FLAT GLASS LENS IN MACHINED CYLINDRICAL BLACK PAINTED METAL LENS FRAME. LENS FRISMS OUT.	THREE WHITE LIGHT EMITTING DIODES (LEDS), AIMED AT THE HORIZON.	3	Absolute	0.92	6.8

Statistics						
Description	Symbol	Avg	Min	Max/Min	Avg/Min	Max
COMPLIANCE	+	2.6 fc	0.2 fc	91.5:1	13.0:1	18.3 fc
OVERALL	+	1.7 fc	0.0 fc	N/A	N/A	21.2 fc

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**DRAWING**  
SITE PLAN - LIGHTING  
PHOTOMETRICS

**DATE**  
10.11.16

**SITE PLAN - LIGHTING PHOTOMETRICS**  
SCALE = 1" = 20'-0"



# D-Series Size 0 LED Area Luminaire



Catalog Number	
Notes	
Type	OA

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

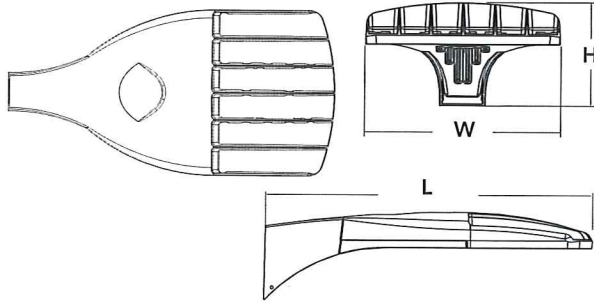
## Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 65% and expected service life of over 100,000 hours.

## Specifications

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



## Ordering Information

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

### DSX0 LED

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
DSX0 LED	<b>Forward optics</b>	530 530 mA	30K 3000 K	T1S Type I short	T5S Type V short	MVOLT <sup>5</sup>
	20C 20 LEDs (one engine)	700 700 mA	40K 4000 K	T2S Type II short	T5M Type V medium	120 <sup>5</sup>
	<b>40C 40 LEDs (two engines)</b>	<b>1000 1000 mA (1 A)<sup>2</sup></b>	<b>50K 5000 K</b>	T2M Type II medium	T5W Type V wide	208 <sup>5</sup>
	<b>Rotated optics<sup>1</sup></b>		AMBPC Amber phosphor converted <sup>3</sup>	T3S Type III short	BLC Backlight control <sup>2,4</sup>	240 <sup>5</sup>
	30C 30 LEDs (one engine)			T3M Type III medium	LCCO Left corner cutoff <sup>2,4</sup>	277 <sup>5</sup>
				<b>T4M Type IV medium</b>	RCCO Right corner cutoff <sup>2,4</sup>	347 <sup>6</sup>
				TFTM Forward throw medium		480 <sup>6</sup>
				T5VS Type V very short		

<b>Shipped included</b>	
SPA	Square pole mounting
RPA	Round pole mounting
WBA	Wall bracket
SPUMBA	Square pole universal mounting adaptor <sup>7</sup>
RPUMBA	Round pole universal mounting adaptor <sup>7</sup>
<b>Shipped separately</b>	
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) <sup>8</sup>

## Control options

### Shipped installed

PER	NEMA twist-lock receptacle only (no controls) <sup>9</sup>
PER5	Five-wire receptacle only (no controls) <sup>9,10</sup>
PER7	Seven-wire receptacle only (no controls) <sup>9,10</sup>
DMG	0-10V dimming driver (no controls) <sup>11</sup>
DCR	Dimmable and controllable via ROAM <sup>®</sup> (no controls) <sup>12</sup>
PIR	Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc <sup>13</sup>
PIRH	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc <sup>13</sup>
PIR1FC3V	Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>13</sup>

PIRH1FC3V	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>13</sup>
BL30	Bi-level switched dimming, 30% <sup>14,15</sup>
BL50	Bi-level switched dimming, 50% <sup>14,15</sup>
PNMTDD3	Part night, dim till dawn <sup>16</sup>
PNMT5D3	Part night, dim 5 hrs <sup>16</sup>
PNMT6D3	Part night, dim 6 hrs <sup>16</sup>
PNMT7D3	Part night, dim 7 hrs <sup>16</sup>
FAO	Field adjustable output <sup>17</sup>

### Other options

<b>Shipped installed</b>	
<b>HS</b>	House-side shield <sup>18</sup>
SF	Single fuse (120, 277, 347V) <sup>19</sup>
DF	Double fuse (208, 240, 480V) <sup>19</sup>
L90	Left rotated optics <sup>1</sup>
R90	Right rotated optics <sup>1</sup>
DDL	Diffused drop lens <sup>18</sup>
BS	Bird spikes <sup>20</sup>

### Finish (required)

DDBXD	Dark bronze
DBLXD	Black
DNAXD	Natural aluminum
DWHXD	White
DDBTXD	Textured dark bronze
DBLTXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white

## Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) <sup>21</sup>
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) <sup>21</sup>
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) <sup>21</sup>
DSHORT SBK U	Shorting cap <sup>21</sup>
DSX0HS 20C U	House-side shield for 20 LED unit <sup>18</sup>
DSX0HS 30C U	House-side shield for 30 LED unit <sup>18</sup>
DSX0HS 40C U	House-side shield for 40 LED unit <sup>18</sup>
DSX0DDL U	Diffused drop lens (polycarbonate) <sup>17</sup>
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) <sup>22</sup>
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) <sup>8</sup>
DSX0BS U	Bird spikes

### NOTES

- 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
- Not available with AMBPC.
- Only available with 530mA or 700mA.
- Not available with HS or DDL.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120V, 208V, 240V or 277V options only when ordering with fusing (SF, DF options).
- Not available with single board, 530mA product (20C 530 or 30C 530). Not available with BL30, BL50 or PNMT options.
- Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- Must order fixture with SPA mounting. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
- If ROAM<sup>®</sup> node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming.
- DMG option for 347V or 480V requires 1000mA.
- Specifies a ROAM<sup>®</sup> enabled luminaire with 0-10V dimming capability; PER option required. Additional hardware and services required for ROAM<sup>®</sup> deployment; must be purchased separately. Call 1-800-442-6745 or email: [sales@roamservices.net](mailto:sales@roamservices.net). N/A with PIR options, PER5, PER7, BL30, BL50 or PNMT options. Node without integral dimming.

- PIR and PIR1FC3V specify the **SensorSwitch SBGR-10-ODP** control; PIRH and PIRH1FC3V specify the **SensorSwitch SBGR-4-ODP** control; see **Outdoor Control Technical Guide** for details. Dimming driver standard. Not available with PER5 or PER7. Ambient sensor disabled when ordered with DCR. Separate on/off required. Not available with PNMT options.
- Requires an additional switched circuit.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, PER5, PER7 or PNMT options. Not available with PIR1FC3V and PIRH1FC3V.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, PER5, PER7, BL30 or BL50. Not available with PIR1FC3V and PIRH1FC3V. Separate on/off required.
- Dimming driver standard. Not available with PER5, PER7, DMG, DCR, BL30, BL50, PNMT, PIR, PIRH, PIR1FC3V and PIRH1FC3V.
- Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Also available as a separate accessory; see accessories information.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.
- For retrofit use only.

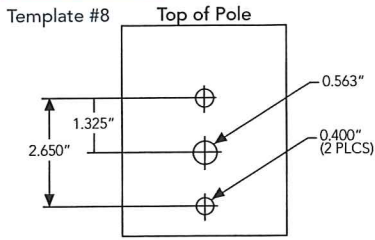
Accessories  
Ordered and shipped separately.

For more control options, visit [DTL](http://DTL) and [ROAM](http://ROAM) online.





## Drilling



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

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

**Example:** SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's **POLES CENTRAL** to see our wide selection of poles, accessories and educational tools.

\*Round pole top must be 3.25" O.D. minimum.  
\*\*For round pole mounting (RPA) only.

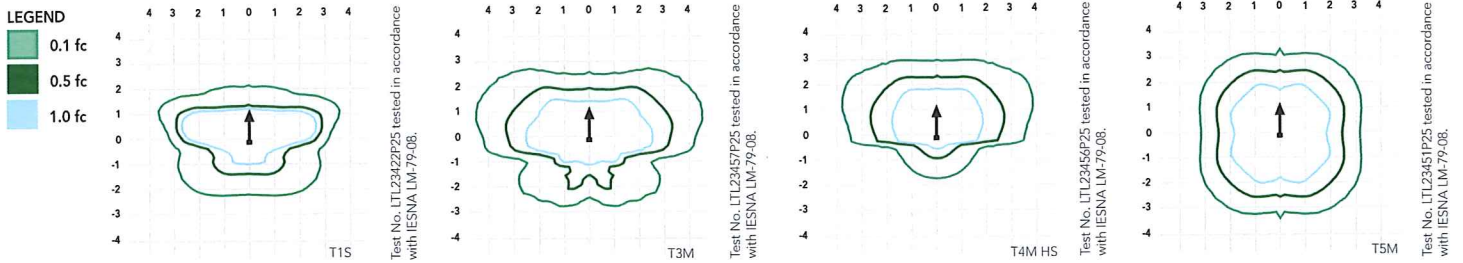
## Tenon Mounting Slipfitter\*\*

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

## Photometric Diagrams

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

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



## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

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

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

### Electrical Load

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

### Projected LED Lumen Maintenance

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

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

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

# Performance Data

## Lumen Output

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

Forward Optics																							
LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35W	T1S	4,079	1	0	1	117	4,380	1	0	1	125	4,408	1	0	1	126	2,541	1	0	1	73
			T2S	4,206	1	0	1	120	4,516	1	0	1	129	4,544	1	0	1	130	2,589	1	0	1	74
			T2M	4,109	1	0	1	117	4,413	1	0	1	126	4,440	1	0	1	127	2,539	1	0	1	73
			T3S	4,104	1	0	1	117	4,407	1	0	1	126	4,435	1	0	1	127	2,558	1	0	1	73
			T3M	4,142	1	0	1	118	4,447	1	0	1	127	4,475	1	0	1	128	2,583	1	0	1	74
			T4M	4,198	1	0	1	120	4,508	1	0	1	129	4,536	1	0	1	130	2,570	1	0	1	73
			TFTM	4,135	1	0	1	118	4,440	1	0	2	127	4,468	1	0	2	128	2,540	1	0	1	73
			TSVS	4,368	2	0	0	125	4,691	2	0	0	134	4,720	2	0	0	135	2,650	1	0	0	76
			T5S	4,401	2	0	2	126	4,725	2	0	0	135	4,755	2	0	0	136	2,690	1	0	0	77
			T5M	4,408	2	0	1	126	4,734	3	0	1	135	4,763	3	0	1	136	2,658	2	0	0	76
			TSW	4,344	3	0	1	124	4,664	3	0	1	133	4,693	3	0	1	134	2,663	2	0	1	76
			BLC	3,071	1	0	1	88	3,297	1	0	1	94	3,318	1	0	1	95					
			LCCO	2,983	1	0	1	85	3,204	1	0	1	92	3,224	1	0	1	92					
			RCCO	2,983	1	0	1	85	3,204	1	0	1	92	3,224	1	0	1	92					
			T1S	5,181	1	0	1	115	5,563	1	0	1	124	5,598	1	0	1	124	3,144	1	0	1	70
			T2S	5,342	1	0	1	119	5,736	1	0	1	127	5,772	1	0	1	128	3,203	1	0	1	71
			T2M	5,219	1	0	1	116	5,605	1	0	1	125	5,640	1	0	1	125	3,141	1	0	1	70
			T3S	5,213	1	0	1	116	5,598	1	0	1	124	5,633	1	0	1	125	3,165	1	0	1	70
	T3M	5,260	1	0	1	117	5,649	1	0	2	126	5,684	1	0	2	126	3,196	1	0	1	71		
	T4M	5,332	1	0	1	118	5,725	1	0	2	127	5,761	1	0	2	128	3,179	1	0	1	71		
	TFTM	5,252	1	0	2	117	5,640	1	0	2	125	5,675	1	0	2	126	3,143	1	0	1	70		
	TSVS	5,548	2	0	0	123	5,958	2	0	0	132	5,995	2	0	0	133	3,278	2	0	0	73		
	T5S	5,589	2	0	0	124	6,002	2	0	0	133	6,039	2	0	0	134	3,328	2	0	0	74		
	T5M	5,599	3	0	1	124	6,012	3	0	1	134	6,050	3	0	1	134	3,288	2	0	1	73		
	TSW	5,517	3	0	1	123	5,924	3	0	1	132	5,961	3	0	1	132	3,295	2	0	1	73		
	BLC	3,909	1	0	1	87	4,198	1	0	1	93	4,224	1	0	1	94							
	LCCO	3,798	1	0	1	84	4,078	1	0	1	91	4,104	1	0	1	91							
	RCCO	3,798	1	0	1	84	4,078	1	0	1	91	4,104	1	0	1	91							
	T1S	7,085	1	0	1	98	7,608	2	0	2	106	7,656	2	0	2	106							
	T2S	7,305	1	0	1	101	7,845	2	0	2	109	7,894	2	0	2	110							
	T2M	7,138	1	0	2	99	7,665	2	0	2	106	7,713	2	0	2	107							
	T3S	7,129	1	0	1	99	7,656	2	0	2	106	7,704	2	0	2	107							
	T3M	7,194	1	0	2	100	7,725	2	0	2	107	7,773	2	0	2	108							
	T4M	7,292	1	0	2	101	7,830	2	0	2	109	7,879	2	0	2	109							
	TFTM	7,183	1	0	2	100	7,713	1	0	2	107	7,761	1	0	2	108							
	TSVS	7,588	2	0	0	105	8,148	3	0	0	113	8,199	3	0	0	114							
	T5S	7,644	2	0	0	106	8,208	2	0	0	114	8,259	2	0	0	115							
	T5M	7,657	3	0	1	106	8,222	3	0	1	114	8,274	3	0	1	115							
	TSW	7,545	3	0	1	105	8,102	3	0	2	113	8,153	3	0	2	113							
	BLC	5,162	1	0	1	72	5,543	1	0	2	77	5,578	1	0	1	77							
	LCCO	5,015	1	0	2	70	5,386	1	0	2	75	5,419	1	0	2	75							
	RCCO	5,015	1	0	2	70	5,386	1	0	2	75	5,419	1	0	2	75							

# Performance Data

## Lumen Output

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

Forward Optics																							
LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
40C (40 LEDs)	530 mA	68W	T1S	7,926	2	0	2	117	8,511	2	0	2	125	8,564	2	0	2	126	4,878	1	0	1	72
			T2S	8,172	2	0	2	120	8,775	2	0	2	129	8,830	2	0	2	130	4,969	1	0	1	73
			T2M	7,985	2	0	2	117	8,574	2	0	2	126	8,628	2	0	2	127	4,874	1	0	1	72
			T3S	7,975	1	0	2	117	8,564	2	0	2	126	8,617	2	0	2	127	4,910	1	0	1	72
			T3M	8,047	2	0	2	118	8,642	2	0	2	127	8,696	2	0	2	128	4,958	1	0	2	73
			T4M	8,157	1	0	2	120	8,759	2	0	2	129	8,813	2	0	2	130	4,932	1	0	2	73
			TFTM	8,035	1	0	2	118	8,628	2	0	2	127	8,682	2	0	2	128	4,876	1	0	2	72
			TSVS	8,488	2	0	0	125	9,115	3	0	0	134	9,172	3	0	0	135	5,086	2	0	0	75
			T5S	8,550	2	0	0	126	9,182	3	0	1	135	9,239	3	0	1	136	5,163	2	0	0	76
			T5M	8,565	3	0	1	126	9,198	3	0	2	135	9,255	3	0	2	136	5,102	3	0	1	75
			T5W	8,440	3	0	2	124	9,063	3	0	2	133	9,120	3	0	2	134	5,112	3	0	1	75
			BLC	6,142	1	0	2	90	6,595	1	0	2	97	6,636	1	0	2	98					
			LCCO	5,967	1	0	2	88	6,407	1	0	2	94	6,447	1	0	2	95					
			RCCO	5,967	1	0	2	88	6,407	1	0	2	94	6,447	1	0	2	95					
			T1S	10,066	2	0	2	111	10,810	2	0	2	119	10,877	2	0	2	120	6,206	2	0	2	68
			T2S	10,379	2	0	2	114	11,145	2	0	2	122	11,215	2	0	2	123	6,322	2	0	2	69
			T2M	10,141	2	0	2	111	10,890	2	0	2	120	10,958	2	0	2	120	6,201	2	0	2	68
			T3S	10,129	2	0	2	111	10,877	2	0	2	120	10,945	2	0	2	120	6,247	1	0	2	69
	T3M	10,221	2	0	2	112	10,975	2	0	2	121	11,044	2	0	2	121	6,308	2	0	2	69		
	T4M	10,359	2	0	2	114	11,124	2	0	2	122	11,194	2	0	2	123	6,275	1	0	2	69		
	TFTM	10,205	2	0	2	112	10,958	2	0	3	120	11,027	2	0	3	121	6,203	1	0	2	68		
	TSVS	10,781	3	0	0	118	11,576	3	0	1	127	11,649	3	0	1	128	6,569	2	0	0	72		
	T5S	10,860	3	0	1	119	11,662	3	0	1	128	11,734	3	0	1	129	6,569	2	0	0	72		
	T5M	10,879	3	0	2	120	11,682	3	0	2	128	11,755	3	0	2	129	6,491	3	0	1	71		
	T5W	10,719	3	0	2	118	11,511	4	0	2	126	11,583	4	0	2	127	6,504	3	0	2	71		
	BLC	7,819	1	0	2	86	8,396	1	0	2	92	8,448	1	0	2	93							
	LCCO	7,596	1	0	2	83	8,157	1	0	2	90	8,208	1	0	2	90							
	RCCO	7,596	1	0	2	83	8,157	1	0	2	90	8,208	1	0	2	90							
	T1S	13,767	2	0	2	100	14,783	3	0	3	107	14,876	3	0	3	108							
	T2S	14,194	2	0	2	103	15,242	3	0	3	110	15,338	3	0	3	111							
	T2M	13,869	2	0	2	101	14,893	3	0	3	108	14,986	3	0	3	109							
	T3S	13,852	2	0	2	100	14,875	2	0	2	108	14,968	2	0	2	108							
	T3M	13,978	2	0	2	101	15,010	3	0	3	109	15,104	3	0	3	109							
	T4M	14,168	2	0	2	103	15,214	3	0	3	110	15,309	3	0	3	111							
	TFTM	13,956	2	0	3	101	14,987	2	0	3	109	15,080	2	0	3	109							
	TSVS	14,744	3	0	1	107	15,832	3	0	1	115	15,931	4	0	1	115							
T5S	14,852	3	0	1	108	15,948	3	0	1	116	16,048	3	0	1	116								
T5M	14,878	4	0	2	108	15,976	4	0	2	116	16,076	4	0	2	116								
T5W	14,660	4	0	2	106	15,742	4	0	2	114	15,840	4	0	2	115								
BLC	10,325	1	0	2	75	11,087	1	0	2	80	11,156	1	0	2	81								
LCCO	10,031	2	0	2	73	10,771	2	0	3	78	10,839	2	0	3	79								
RCCO	10,031	2	0	2	73	10,771	2	0	3	78	10,839	2	0	3	79								

# Performance Data

## L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	6,130	2	0	2	118	6,583	2	0	2	127	6,624	2	0	2	127	3,841	2	0	2	74
			T2S	6,321	2	0	2	122	6,787	2	0	2	131	6,830	3	0	3	131	3,912	2	0	2	75
			T2M	6,176	2	0	2	119	6,632	3	0	3	128	6,673	3	0	3	128	3,837	2	0	2	74
			T3S	6,168	2	0	2	119	6,624	3	0	3	127	6,665	3	0	3	128	3,866	2	0	2	74
			T3M	6,224	3	0	3	120	6,684	3	0	3	129	6,726	3	0	3	129	3,904	2	0	2	75
			T4M	6,309	3	0	3	121	6,775	3	0	3	130	6,817	3	0	3	131	3,884	2	0	2	75
			TFTM	6,215	3	0	3	120	6,673	3	0	3	128	6,715	3	0	3	129	3,839	2	0	2	74
			TSVS	6,565	2	0	0	126	7,050	2	0	0	136	7,094	2	0	0	136	4,005	2	0	0	77
			T5S	6,613	2	0	0	127	7,102	2	0	0	137	7,146	2	0	0	137	4,065	2	0	0	78
			T5M	6,625	3	0	1	127	7,114	3	0	1	137	7,159	3	0	1	138	4,017	2	0	1	77
			T5W	6,528	3	0	1	126	7,010	3	0	2	135	7,054	3	0	2	136	4,025	3	0	1	77
			BLC	4,747	2	0	2	91	5,098	2	0	2	98	5,130	2	0	2	99					
			LCCO	4,612	1	0	2	89	4,953	1	0	2	95	4,984	1	0	2	96					
			RCCO	4,612	1	0	2	89	4,953	1	0	2	95	4,984	1	0	2	96					
			T1S	7,786	2	0	2	111	8,361	3	0	3	119	8,413	3	0	3	120	4,783	2	0	2	68
			T2S	8,028	2	0	2	115	8,620	3	0	3	123	8,674	3	0	3	124	4,873	2	0	2	70
			T2M	7,844	3	0	3	112	8,423	3	0	3	120	8,476	3	0	3	121	4,779	2	0	2	68
			T3S	7,834	3	0	3	112	8,413	3	0	3	120	8,465	3	0	3	121	4,815	2	0	2	69
	T3M	7,905	3	0	3	113	8,489	3	0	3	121	8,542	3	0	3	122	4,862	3	0	3	69		
	T4M	8,013	3	0	3	114	8,604	3	0	3	123	8,658	3	0	3	124	4,837	3	0	3	69		
	TFTM	7,893	3	0	3	113	8,476	3	0	3	121	8,529	3	0	3	122	4,781	3	0	3	68		
	TSVS	8,338	2	0	0	119	8,954	3	0	0	128	9,010	3	0	0	129	4,988	2	0	0	71		
	T5S	8,400	2	0	0	120	9,020	3	0	1	129	9,076	3	0	1	130	5,063	2	0	0	72		
	T5M	8,414	3	0	1	120	9,036	3	0	2	129	9,092	3	0	2	130	5,003	3	0	1	71		
	T5W	8,291	3	0	2	118	8,903	3	0	2	127	8,959	3	0	2	128	5,013	3	0	1	72		
	BLC	6,044	2	0	2	86	6,490	3	0	3	93	6,530	3	0	3	93							
	LCCO	5,872	1	0	2	84	6,305	1	0	2	90	6,345	1	0	2	91							
	RCCO	5,872	1	0	2	84	6,305	1	0	2	90	6,345	1	0	2	91							
	T1S	10,648	3	0	3	102	11,434	3	0	3	110	11,506	3	0	3	111							
	T2S	10,979	3	0	3	106	11,789	3	0	3	113	11,863	3	0	3	114							
	T2M	10,727	3	0	3	103	11,519	3	0	3	111	11,591	3	0	3	111							
	T3S	10,714	3	0	3	103	11,505	3	0	3	111	11,577	3	0	3	111							
	T3M	10,812	3	0	3	104	11,610	4	0	4	112	11,682	4	0	4	112							
	T4M	10,958	3	0	3	105	11,767	3	0	3	113	11,841	3	0	3	114							
	TFTM	10,795	3	0	3	104	11,592	3	0	3	111	11,664	4	0	4	112							
	TSVS	11,404	3	0	0	110	12,245	3	0	1	118	12,322	3	0	1	118							
T5S	11,487	3	0	1	110	12,336	3	0	1	119	12,413	3	0	1	119								
T5M	11,508	3	0	2	111	12,357	4	0	2	119	12,434	4	0	2	120								
T5W	11,339	4	0	2	109	12,176	4	0	2	117	12,252	4	0	2	118								
BLC	7,981	3	0	3	77	8,570	3	0	3	82	8,624	3	0	3	83								
LCCO	7,754	1	0	2	75	8,326	2	0	2	80	8,378	2	0	2	81								
RCCO	7,754	1	0	2	75	8,326	2	0	2	80	8,378	2	0	2	81								

## FEATURES & SPECIFICATIONS

### INTENDED USE

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

### CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (0.95 ft<sup>2</sup>) for optimized pole wind loading.

### FINISH

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

### OPTICS

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

### ELECTRICAL

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

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

### INSTALLATION

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

### LISTINGS

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

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

### WARRANTY

5-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

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



# SLED5



Square LED Step Lights. Equivalent to 13 Watt CFL or 40 Watt incandescent. Applications for steps, decks, landscape and entries. Meets ADA requirements. 5 Year warranty.

Color: Bronze

Weight: 1.5 lbs

<b>Project:</b>	<b>Type:</b> <span style="border: 1px solid red; padding: 2px;">OB</span>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	5W
120V:	0.1A	Color Temp:	5000K
208V:	0.06A	Color Accuracy:	68 CRI
240V:	0.05A	L70 Lifespan:	100000
277V:	N/A	Lumens:	196
Input Watts:	5W	Efficacy:	37 LPW
Efficiency:	94%		

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations. Suitable for mounting within 4ft. of the ground.

#### IESNA LM-79 & IESNA LM-80 Testing:

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

#### Dark Sky Approved:

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

### LED Characteristics

#### Lifespan:

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

#### Color Consistency:

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

#### Color Temperature (Nominal CCT):

5000K.

#### Color Accuracy:

68 CRI

### Electrical

#### Voltage:

100V - 240V.

#### Driver:

4W high output long life LED. Driver Constant Current, Class 2, 50-60 Hz, 100-240 VAC 0.18 amps.

#### Surge Protection:

1000 Volts.

### Construction

#### Finish:

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

#### Thermal Management:

Integral cast aluminum mounting pad for optimum heat sinking to ensure cool operation with maximum LED life and light output.

#### Cold Weather Starting:

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

#### Ambient Temperature:

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

#### Green Technology:

Mercury, Arsenic and UV free.

#### Housing:

Precision die cast aluminum housing and mounting plate (junction box not included).

#### Gasket:

High temperature silicone.

#### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

### Optical

#### Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 100,000 hours of operation.

### Other

#### Equivalency:

The SLED5 is Equivalent in delivered lumens to a 13W CFL or 60W incandescent step light.

#### HID Replacement Range:

The SLED5 can be used to replace 13-26W CFL or 13-60W incandescent step lights based on delivered lumens.

#### Patents:

The design of the SLED Lights are protected by U.S. Pat. 612,975, Canada Pat. 133101, and China Pat. ZL201030129140.1.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in Taiwan.

#### Trade Agreements Act Compliant:

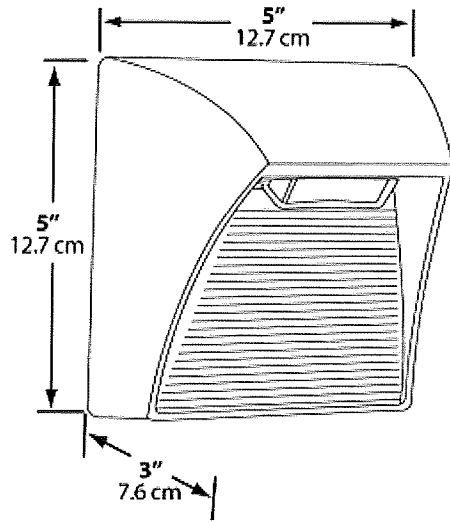
This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

# SLED5

## Dimensions



## Features

- 5 Watt, High output LED
- 100,000 hour life
- Superior heat sinking with die cast aluminum housing
- Meets ADA Requirements
- Junction Box Not Included



LED 52W Wallpacks. 3 cutoff options. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

Color: Bronze

Weight: 17.6 lbs

<b>Project:</b>	<b>Type:</b> <span style="border: 1px solid red; padding: 2px;">OC</span>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	52W
120V:	0.51A	Color Temp:	5000K
208V:	0.33A	Color Accuracy:	65 CRI
240V:	0.29A	L70 Lifespan:	100000
277V:	0.24A	Lumens:	5,896
Input Watts:	61W	Efficacy:	97 LPW
Efficiency:	86%		

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations.

#### IESNA LM-79 & IESNA LM-80 Testing:

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

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.  
DLC Product Code: P0000173W

### Optical

#### Lumen Maintenance:

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

#### Replacement:

The WPLED52 replaces 250W HID Wallpacks.

#### BUG Rating:

B0 U2 G3

### LED Characteristics

#### LEDs:

Two (2) multi-chip, high-output, long-life LEDs.

#### Color Consistency:

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

#### Color Stability:

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

#### Color Uniformity:

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

### Electrical

#### Drivers:

Two drivers, constant current, 720mA, Class 2, 100 - 277V, 50 - 60 Hz, 100 - 277VAC .8 Amps.

#### THD:

8.3% at 120V, 11% at 277V

#### Surge Protection:

6kV

### Construction

#### Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

#### Cold Weather Starting:

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

#### Thermal Management:

Cast aluminum Thermal Management system for optimal heat sinking. The WPLED is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

#### Housing:

Precision die cast aluminum housing, lens frame.

#### Mounting:

Die-cast aluminum wall bracket with (5) 1/2" conduit openings with plugs. Two-piece bracket with tether for ease of installation and wiring.

#### Arm:

Die-cast aluminum with wiring access plate.

#### Cutoff:

Standard (15°)

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High temperature silicone.

#### Lens:

Tempered glass

#### Finish:

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

#### Green Technology:

WPLEDs are Mercury and UV free.

### Other

#### California Title 24:

See WPLED52/BL for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

## Technical Specifications (continued)

### Other

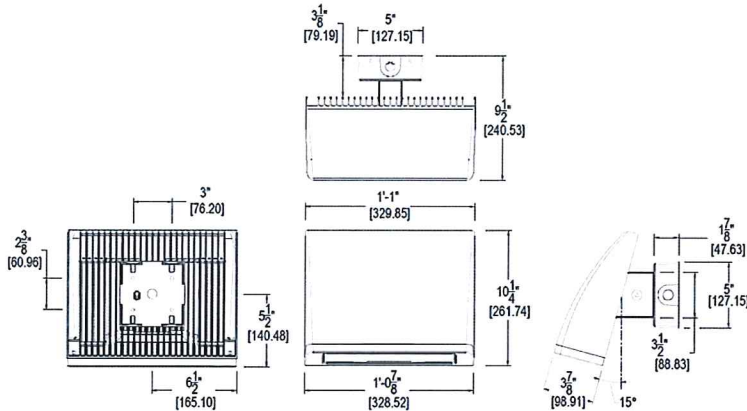
#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

### Patents:

The WPLED design is protected by patents in the U.S. Pat D653,377, Canada Pat. 142252, China Pat. ZL201130356930.8, and Mexico Pat. 36921 and pending patent in TW.

### Dimensions



### Features

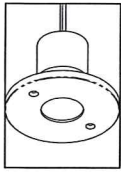
- High performance LED light engine
- Maintains 70% of initial lumens at 100,000 hours
- Weatherproof high temperature silicone gaskets
- Superior heat sinking with die cast aluminum housing and external fins
- Replaces 250W MH
- Traditional wallpack look from the front
- 3 cutoff options
- 5-year warranty

### Ordering Matrix

Family	Cutoff	Watts	Color Temp	Finish	Voltage	Photocell	Bi-Level	Dimming
WPLED	Blank = Standard (15°) C = Cutoff (7.5°) FC = Full Cutoff (0°)	52 = 52W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Bronze W = White	Blank = 120-277V /480 = 480V	Blank = Photocell /PCS = 120V Swivel /PCS2 = 277V Swivel /PCS4 = 480V Swivel	Blank = No Bi-Level /BL = Bi-Level (Only 120-277V)	Blank = No Dimming /D10 = Dimmable (Only 120-277V)







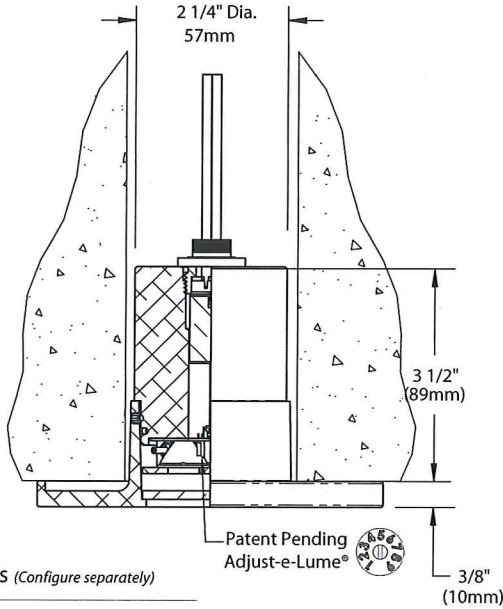
**BKSSL**  
SOLID STATE LIGHTING



# CORE DRILL VERSA STAR™

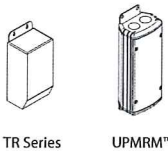
PROJECT:	
TYPE:	OD

**SIDE VIEW**

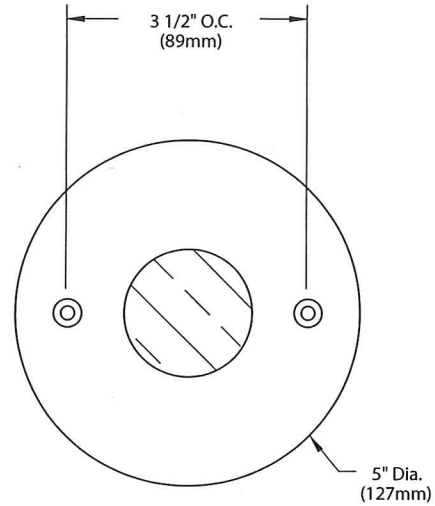


Accessories (Configure separately)

Remote options:



**FACEPLATE DETAIL**



All dimensions indicated on this submittal are nominal.  
Contact Technical Sales if you require more stringent specifications.

## SPECIFICATIONS

### GreenSource Initiative™

Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult [www.bklighting.com/greensource](http://www.bklighting.com/greensource) for program requirements.

### Materials

Furnished in Copper-Free Aluminum (Type 6061-T6), Brass (Type 360) or Stainless Steel (Type 304).

### Core Drill

Allows for mounting into existing structures that will not easily accept a standard box. 2-1/2" dia. hole required for slip fit.

### Body

Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and integral heat sink for maximum component life. High temperature, silicone 'O' Ring provides water-tight seal. Provided with hard-coat (Type III) black anodize finish for maximum corrosion resistance. Weather-tight cable connector with 5'0," 18Ga, 2 wire low voltage cable.

### Faceplate

Fully machined from solid billet. Countersunk holes provide for flush hardware mounting (by others). Accommodates [1] lens or louver media.

### Lens

Shock resistant, tempered, glass lens is factory adhered to faceplate and provides hermetically sealed optical compartment. Specify soft focus (#12) or rectilinear (#13) lens.

### BKSSL®

Integrated solid state system with 'e' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance. High power, forward throw source complies with ANSI C78.377 binning requirements. Exceeds ENERGY STAR® lumen maintenance requirements. LM-80 certified components.

Integral, constant current driver. 12VAC/VDC input. 50/60Hz. Proprietary input control scheme achieves power factor correction and eliminates inrush current. Output, over-voltage, open-circuit, and short circuit protected. Inrush current limited to <1A (non-dimming). Conforms to Safety Std. C22.2 No. 250.13-12.

### Dimming

Line voltage dimmable via magnetic low voltage dimmer. For use with low voltage dimmer with dedicated neutral conductor. For purposes of dimming: Remote magnetic transformer with BKSSL® Power of 'e' technology loads should be loaded to 25% of the transformer VA (watts) rated value.

### Optics

Interchangeable OPTIKIT™ modules permit field changes to optical distribution. Color-coded for easy reference: Narrow Spot (NSP) = Red. Spot (SP) = Green. Medium Flood (MFL) = Yellow. Wide Flood = Blue.

### Adjust-e-Lume® (Pat. Pending)

Integral electronics allows dynamic lumen response at the individual fixture. Indexed (100% to 25% nom.) lumen output. Maintains output at desired level or may be changed as conditions require. Specify factory preset output intensity.

### Remote Transformer

For use with 12VAC BKSSL remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.

### Wiring

Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard. Anti-Siphon Valve (ASV™) prevents "wicking" through conductor insulation.

### Hardware

Tamper-resistant, stainless steel hardware. Mounting hardware by others.

### Finish

StarGuard®, our exclusive RoHs compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. Brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (Brushed finish for interior use only).

### Warranty

5 year limited warranty.

### Certification and Listing

ITL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Suitable for indoor or outdoor use. Suitable for installation in combustible materials (Type Non-IC). Suitable for use in wet locations. Suitable for installation within 4' of the ground. IP65 Rated. Made in USA.

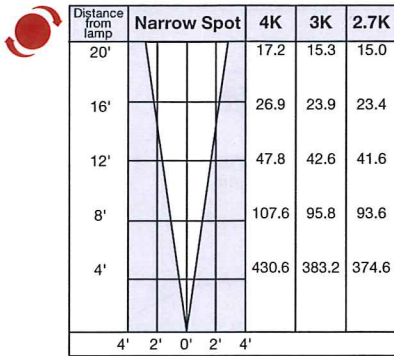


\*Teflon is a registered trademark of DuPont Corporation.  
\*Energy Star is a registered trademark of the United States Environmental Protection Agency.

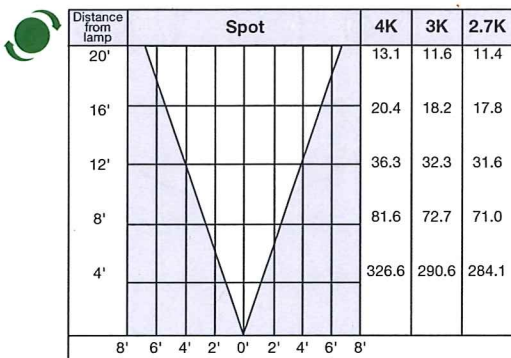
Select OptiKit™ for desired distribution

- RED  **Narrow Spot (NSP)**
- GREEN  **Spot (SP)**
- YELLOW  **Medium Flood (MFL)**
- BLUE  **Wide Flood (WFL)**

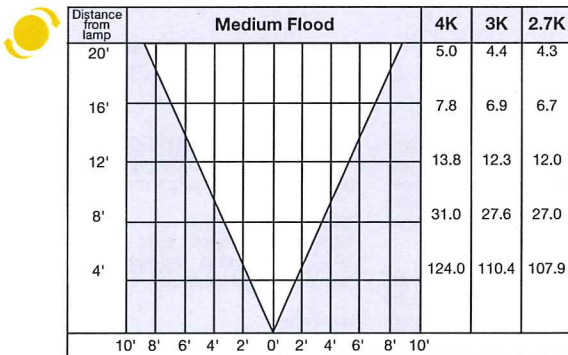
Set adjust-e-lume<sup>®</sup> Dial to desired output



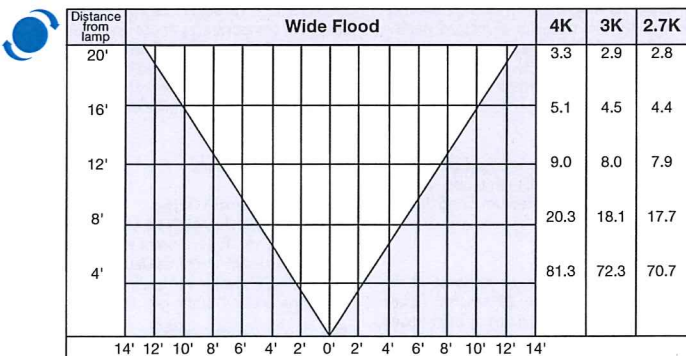
Note: If using No. 11 honeycomb baffle multiply footcandle values by .80



Note: If using No. 11 honeycomb baffle multiply footcandle values by .80



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Note: If using No. 11 honeycomb baffle multiply footcandle values by .80