URBAN DESIGN COMMISSION APPLICATION

UDC

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

FOR OFFICE USE ONLY:

Paid _____ Receipt # _____

Date received _____

Received by _____

Aldermanic District _____

Zoning District _____

Urban Design District _____

Submittal reviewed by _____

Legistar # _____

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

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

1. Project Information

Address: Corner of S. Park St and Hughes Pl

Title: The Hub

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

UDC meeting date requested August 11th

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

3. Project Type

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

Signage

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

Other

- ☐ Please specify

_____

4. Applicant, Agent, and Property Owner Information

Applicant name Kirk Biodrowski — Company JLA Architects

Street address 800 W. Broadway, Ste 200 — City/State/Zip Monona, WI

Telephone 608-241-9500 — Email kbiodrowski@jla-ap.com

Project contact person Same as above — Company _____

Street address _____ — City/State/Zip _____

Telephone _____ — Email _____

Property owner (if not applicant) Dr. Ruben Anthony

Street address 2222 S. Park St, Ste 200 — City/State/Zip Madison, WI 53713

Telephone _____ — Email _____

5. Required Submittal Materials

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

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

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

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

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

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Janine Glaeser on June 4, 2021.

2. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of applicant Kirk Biodrowski Relationship to property Architect

Authorizing signature of property owner Matthew Wachter Date June 30, 2021

7. Application Filing Fees

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

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

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

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

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

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

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

— Planned Multi-Use Site or Residential Building Complex

URBAN DESIGN COMMISSION APPROVAL PROCESS

UDC

Introduction

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

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

Types of Approvals

There are three types of requests considered by the UDC:

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

Presentations to the Commission

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

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

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

URBAN DESIGN DEVELOPMENT PLANS CHECKLIST

UDC

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

1. Informational Presentation

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

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

Requirements for All Plan Sheets

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

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

2. Initial Approval

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

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

3. Final Approval

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

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

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

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

JLA ARCHITECTS

August 4, 2021

Urban Design Commission
215 Martin Luther King Jr Blvd, Ste 017
Madison, WI 53701

Re: LOI for UDC initial/ final for Project: The Hub on S. Park St
Project Location: Corner of S. Park St. and Hughes Pl.

Ladies and Gentlemen of the Urban Design Commission:

As a representative for the Urban League of Greater Madison we would like to present the following project for initial/final approval. The project is a new construction, single building, four story, multi-use building. The building will be located in the existing parking lot of the Villager Mall at the corner of S. Park St and Hughes Pl. The surrounding area including parking is owned by the CDA and will not be a part of our presentation. The building will house business occupancies (offices) as well as some retail and some food service.

Multiple conversations with many different departments at the City of Madison have already taken place. On June 30th we participated in an informational meeting with the UDC. This is a permissible use and no plan commission meeting is anticipated.

Site Information

The building will be located at the intersection S. Park St and Hughes Pl, address yet to be provided by the city. The site is a pad "outlot" site located in the CDA owned Villager Mall parcel. A new parcel is dedicated for this project with property lines extending from the original CDA property lines to the south and east, and new property lines at the back edge of the parking curb to the north and west. On the first floor the building is set back 10'-0" from each property line. The building is also set back at the S. Park St / Hughes Pl corner to meet the required 25'-0" vision triangle. Storm water will be managed on site through green roofs and or underground retention. Existing street trees will be preserved as much as possible, but may need to be relocated if problematic with meeting fire protection requirements or if they will be damaged as a result of the construction process. The required bike parking will be met on site unless impractical in which case an agreement between the CDA and the ULGM will occur allowing off site bike parking. The building is further set back from the street to allow for public accessed patio space at the floor level.

Building details

The building will have a first floor footprint of ~22,500 SF, and a total building area of ~65,000 SF. The building is located along the street edge in the south and east direction and facing a parking lot in the north and west direction. The designed location sets a strong urban edge that will be friendly to pedestrians and vehicular traffic alike. A patio area at the first floor entry has been created to help engage the public with the functions within the building. Another patio area on the first floor is being proposed to the south for use by a potential restaurant tenant for outdoor seating.

The building materials will be a combination of metal and/or composite panels, and aluminum framed glass. Deep aluminum mullions help to establish depth at the main glazed façade. The building has a strong presence along S. Park St and at the corner of S. Park and Hughes Pl. All four elevations of the building are treated in a way to provide a thoughtful articulation. The building will be four-stories with the upper floor carved back to reduce the mass and to allow for roof top access if desired by the building owner.

Neighborhood Input

We do not believe a formal meeting with the neighborhood is required. The Alder district is 14. Alder Sheri Carter has been in communication with us and the building owner concerning this project.

Project Site

The building is located on an "outlot" pad provided by the CDA. The extents of the site are approximately 10'-0" from the face of the building, and illustrated on the site plan. The landscaping is designed to enhance the overall experience of the users and to provide a buffer between the streets and the building. Plantings will meet or exceed the required city standards. Adequate bike parking will be added to the site. Ample vegetation and green space will be given to reduce stormwater runoff and volumes.

I hereby certify that I have no financial interest in the Project other than architectural fees for our services in connection with the design and construction of the Project.

UDD #7 Basis for Design Review

1. Setbacks: the building is designed to be set back 10'-0" max from the property line. At the entry door the setback is greater than 10'-0" to allow for a plaza area in front of the building (integral to the design concept). There is also a setback greater than 10'-0" at the southeast corner. This is to accommodate a vision triangle requirement from city zoning, and also allows us to provide an area for additional seating for a potential restaurant. Walkways are provided to connect the entrance to the city sidewalks.

2. Massing and articulation: The building is designed as a four sided building with details that compliment the front façade. There are no blank walls on the building. A large glazing entry with a sizable canopy front the primary façade. These features along with a plaza in the front of the building helps enhance the pedestrian and street façade experience. Mechanical equipment is proposed to be on the roof and screened using the same materials on the building's body. Green roof use is encouraged, but not guaranteed for this building. There are planned rooftop accessible areas.

3. Building height: The building is four-stories, which is above the minimum required two-story for UDD 7 and below the zoning required maximum of five-stories. We are not setting back the third story 15 feet as recommended in the guidelines. Instead the large canopy acts as a separator between he second and third story giving the illusion of a setback. The fourth floor is setback from the north façade greater than 15 feet.

4. Windows and entrances: The ground floor has > 60 % glazing on the first floor at the retail areas. Windows will not be darkly tinted, colored or have a mirrored finish. Entrance is located close to the sidewalk and has a recessed area to allow for pedestrian movement.

5. Materials and colors: The materials chosen for this building are high-quality and durable. The main product is Ceraclad which is a coated ceramic product. The material chosen is ribbed to create interest in the façade. The other products selected are a patina metal panel and brake metal panel for the trim and the canopy. Finally, a clear aluminum framed glazing is being used with deep mullions.

6. Signage is not part of this submittal

7. Parking: The property limits do not include parking. We are working with the city of Madison and the CDA to acquire proper parking in the adjacent lot.

8. Landscaping: Site does not abut residential areas. Landscaping meets or exceeds the city requirements.

9. Site lighting: Parking lighting is not part of this submittal due to the limitation of the property line. Building and landscaping lighting is provided and meets the city of Madison requirements for illumination and direction.

I hereby certify that I have no financial interest in the Project other than architectural fees for our services in connection with the design and construction of the Project.

Sincerely,

Joseph Lee & Associates, LLC
By: Kirk Biodrowski
Project Manager

THE HUB - ULGM

LOCATED ON SOUTHEAST CORNER OF

THE VILLAGE ON PARK
MADISON, WI 53713

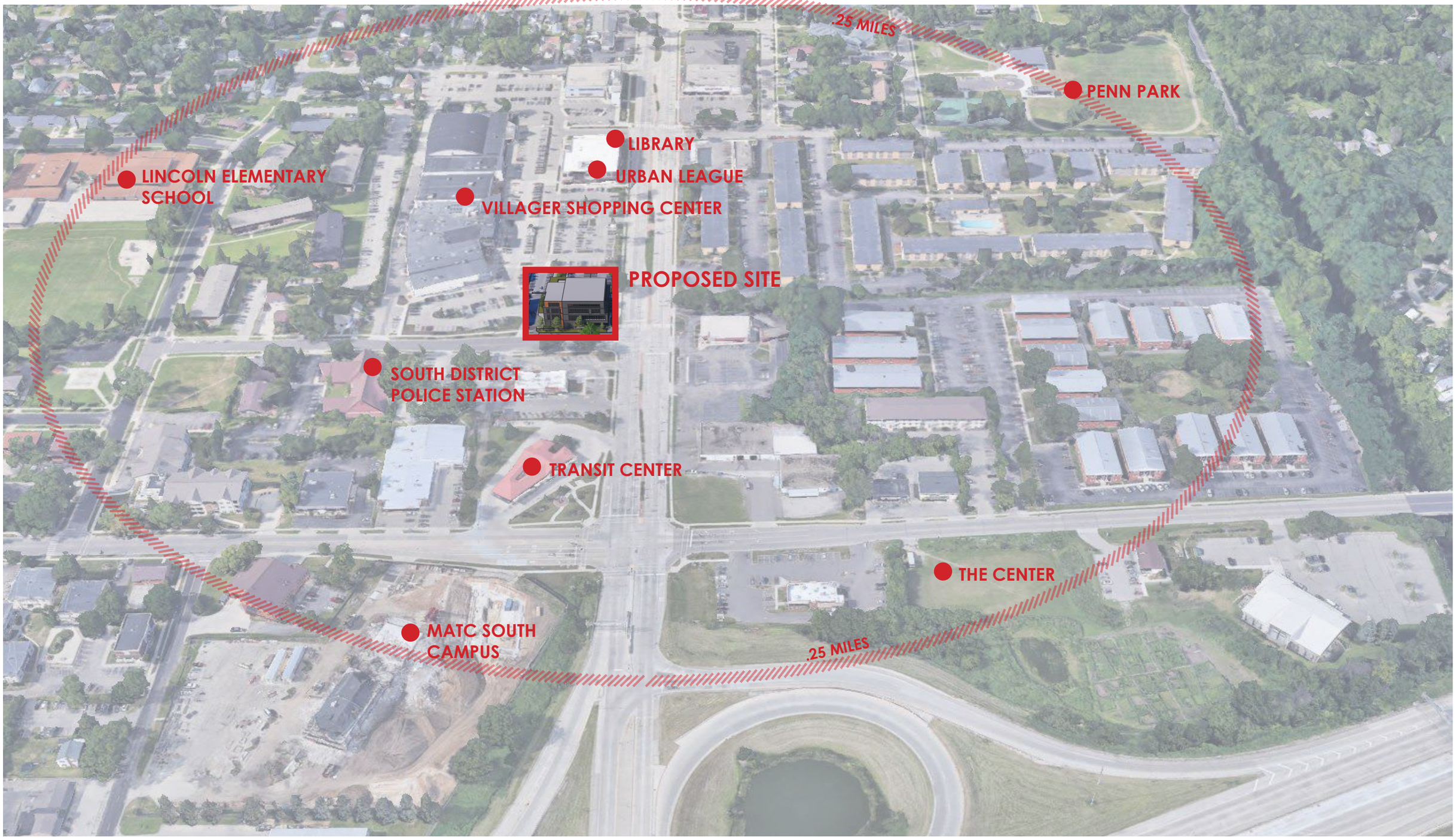
Urban League of
Greater Madison

UDC INITIAL/ FINAL PRESENTATION

June 30, 2021

JLA
ARCHITECTS

JLA PROJECT NUMBER: 21-0514


.25 MILES
PENN PARK
LIBRARY
URBAN LEAGUE
LINCOLN ELEMENTARY SCHOOL
VILLAGER SHOPPING CENTER
PROPOSED SITE
SOUTH DISTRICT POLICE STATION
TRANSIT CENTER
THE CENTER
MATC SOUTH CAMPUS
.25 MILES

ACCESS COMMUNITY HEALTH CENTER

URBAN LEAGUE OF GREATER MADISON

PARK BANK

VILLAGER SHOPPING CENTER

PARK VILLAGE

MATC SOUTH CAMPUS

THE BLACK AESTHETIC

DRAMA

ASYMMETRY

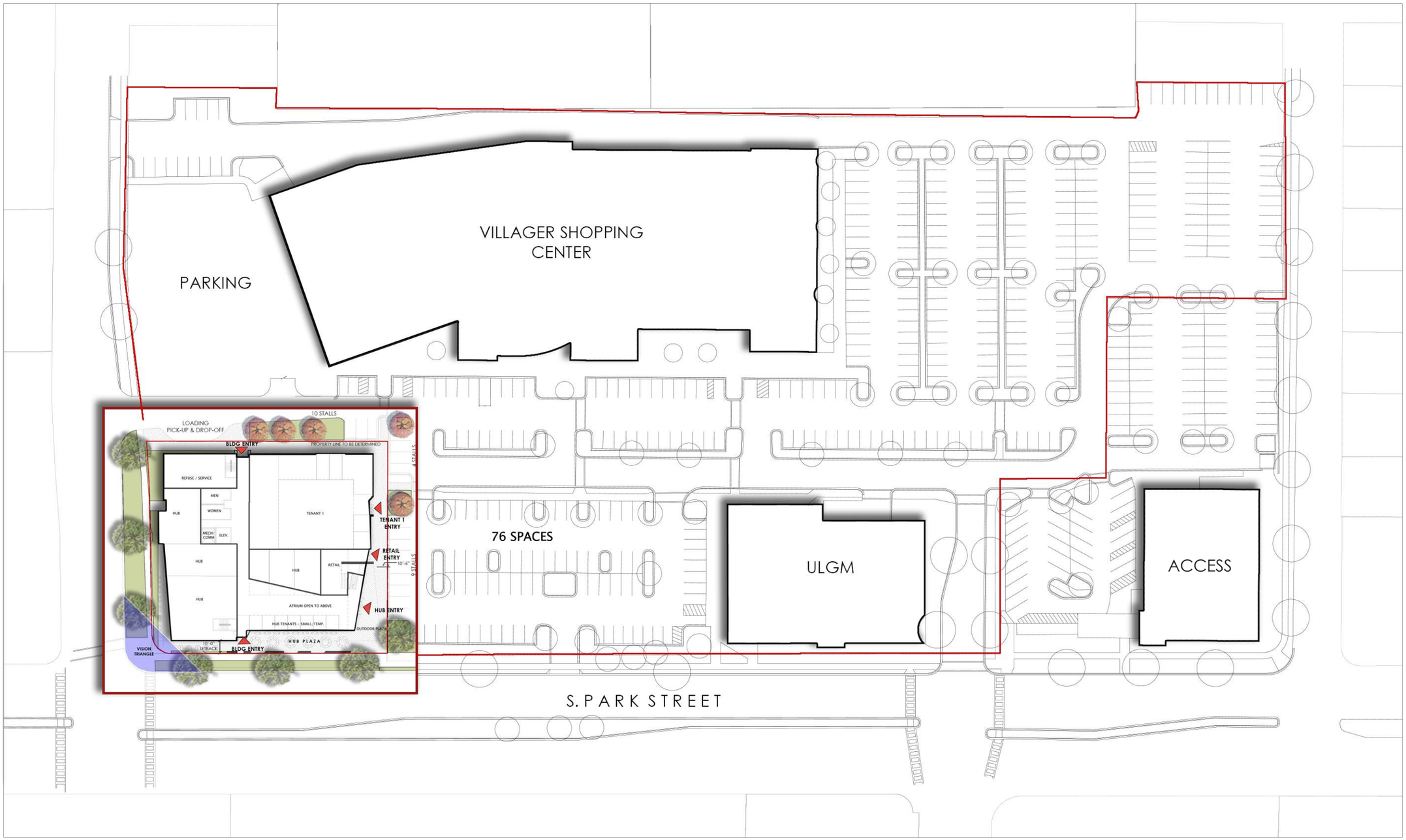
ANGULARITY

OPENESS | INDOOR/OUTDOOR RELATIONSHIP

SIMPLICITY | ECONOMY

HERITAGE

COLOR | PATTERN | TEXTURE



JLA ARCHITECTS

THE HUB ULGM

SITE PLAN

June 30, 2021

SCALE: 1"= 80'

JLA ARCHITECTS

THE HUB ULGM

SITE PLAN (FIRST FLOOR)

June 30, 2021

SCALE: 1"= 40'

LEVEL 1

JLA ARCHITECTS

THE HUB ULGM

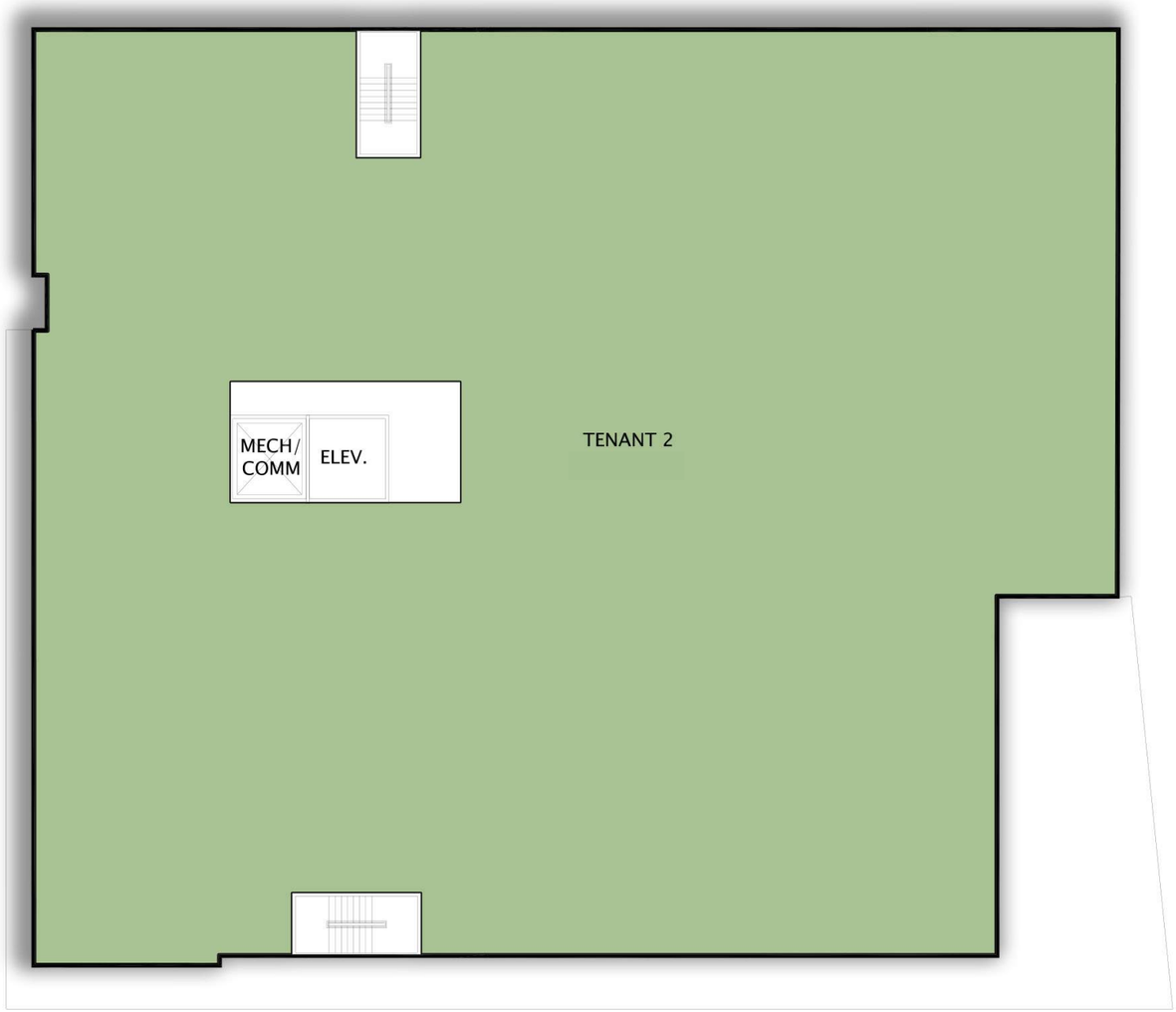
FLOOR PLANS

June 30, 2021

SCALE: 1"= 20'


OFFICE
MEN
WOMEN
MECH/
COMM
ELEV.
OFFICE
HUB
HUB
COWORK
ATRIUM OPEN TO BELOW
BALCONY

LEVEL 2



LEVEL 3


TENANT 2
FITNESS
MEN
WOMEN
MECH/
COMM
ELEV.
TENANT 2
AMENTIY/CONF
OUTDOOR
TERRACE
HUB
OUTDOOR
TERRACE

LEVEL 4

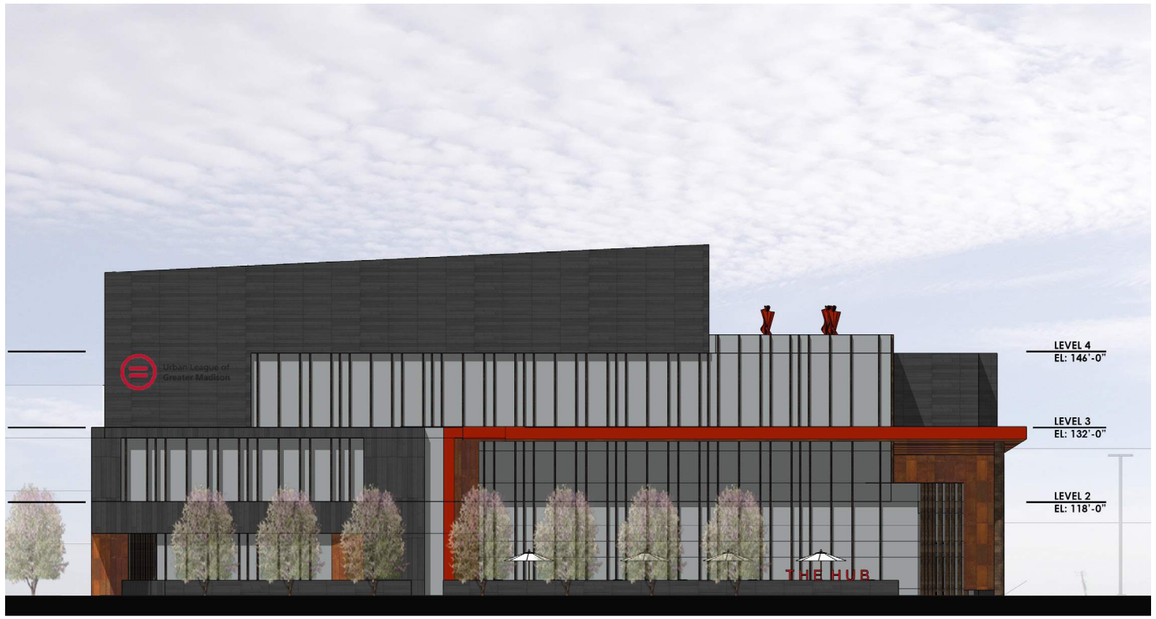
VIEW FACING SOUTHWEST - THE HUB ENTRY

VIEW FACING NORTHWEST
THE CORNER OF HUGHES PLACE AND S. PARK

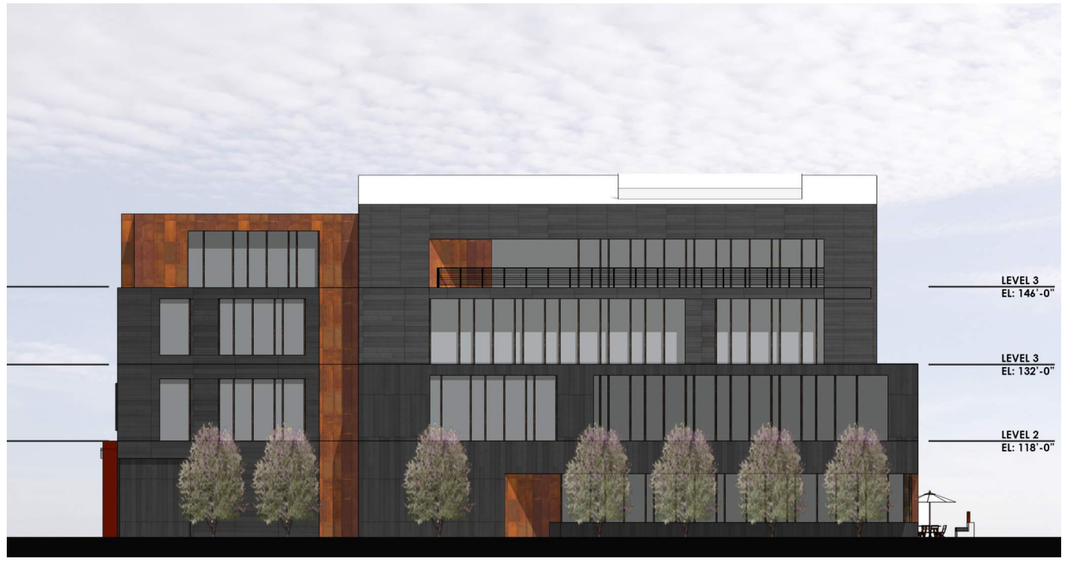
VIEW FACING NORTHEAST FROM HUGHES PL.

VIEW FACING EAST FROM VILLAGE SHOPPING CENTER

NORTH ELEVATION



EAST ELEVATION



SOUTH ELEVATION

WEST ELEVATION

GENERAL NOTES

1. REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGENDS.
2. ALL WORK IN THE ROW AND/OR PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN AND MUNICIPAL REQUIREMENTS.
3. EXISTING GRADE SPOT ELEVATIONS SHOWN FOR INFORMATIONAL PURPOSES. DURING CONSTRUCTION MATCH EXISTING GRADES AT CONSTRUCTION LIMITS.
4. NO SITE GRADING OUTSIDE OR DOWNSLOPE OF PROPOSED SILT FENCE LOCATION. NO LAND DISTURBANCE BEYOND PROPERTY LINES.
5. JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.

DEMOLITION NOTES

1. THIS PLAN INDICATES ITEMS ON THE PROPERTY INTENDED FOR DEMOLITION BASED ON THE CURRENT SITE DESIGN THAT HAVE BEEN IDENTIFIED BY A REASONABLE OBSERVATION OF THE EXISTING CONDITIONS THROUGH FIELD SURVEY RECONNAISSANCE, "DIGGER'S HOTLINE" LOCATION, AND GENERAL "STANDARD OF CARE". THERE MAY BE ADDITIONAL ITEMS THAT CAN NOT BE IDENTIFIED BY A REASONABLE ABOVE GROUND OBSERVATION, OF WHICH THE ENGINEER WOULD HAVE NO KNOWLEDGE OR MAY BE A PART OF ANOTHER DESIGN DISCIPLINE. IT IS THE CONTRACTOR'S/BIDDER'S RESPONSIBILITY TO REVIEW THE PLANS, INSPECT THE SITE AND PROVIDE THEIR OWN DUE DILIGENCE TO INCLUDE IN THEIR BID WHAT ADDITIONAL ITEMS, IN THEIR OPINION, MAY BE NECESSARY FOR DEMOLITION. ANY ADDITIONAL ITEMS IDENTIFIED BY THE CONTRACTOR/BIDDER SHALL BE IDENTIFIED IN THE BID AND REPORTED TO THE ENGINEER OF RECORD. JSD TAKES NO RESPONSIBILITY FOR ITEMS ON THE PROPERTY THAT COULD NOT BE LOCATED BY A REASONABLE OBSERVATION OF THE PROPERTY OR OF WHICH THEY WOULD HAVE NO KNOWLEDGE.
2. CONTRACTOR SHALL KEEP ALL STREETS AND PRIVATE DRIVES FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST AND DEBRIS.
3. ALL TREES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS SPECIFICALLY CALLED OUT FOR PROTECTION. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY AND STUMPS SHALL BE GROUND TO PROPOSED SUBGRADE.
4. ALL LIGHT POLES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BASE AND ALL APPURTENANCES. SALVAGE FOR RELOCATION. COORDINATE RELOCATION AND/OR ABANDONMENT OF ALL ELECTRIC LINES WITH ELECTRICAL ENGINEER AND OWNER PRIOR TO DEMOLITION.
5. ABANDONED/REMOVED ITEMS SHALL BE DISPOSED OF OFF SITE UNLESS OTHERWISE NOTED.
6. CONTRACTOR TO REPLACE ALL SIDEWALK AND CURB AND GUTTER ABUTTING THE PROPERTIES, WHICH IS DAMAGED BY THE CONSTRUCTION, OR ANY SIDEWALK AND CURB AND GUTTER THAT THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.
7. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
   - 7.1. EXAMINE ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
   - 7.2. VERIFYING UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCIES. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCIES ARE RESOLVED.
   - 7.3. NOTIFYING ALL UTILITIES PRIOR TO THE REMOVAL OF ANY UNDERGROUND UTILITIES.
   - 7.4. NOTIFYING THE DESIGN ENGINEER AND LOCAL CONTROLLING MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION.
8. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
9. CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF THESE IMPROVEMENTS.
10. CONTRACTOR TO COORDINATE PRIVATE UTILITY REMOVAL / ABANDONMENT AND NECESSARY RELOCATION WITH RESPECTIVE UTILITY COMPANY. COORDINATION REQUIRED PRIOR TO CONSTRUCTION.
11. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE APPROVED MUNICIPALITY RECYCLING PLAN.
12. ANY CONTAMINATED SOILS SHALL BE REMOVED IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS TO AN APPROVED LANDFILL.
13. ALL EXISTING UTILITIES TO BE FIELD LOCATED AND FLAGGED BY CONTRACTOR.
14. EXISTING FIBER OPTIC LINE TO BE CLEARLY MARKED PRIOR TO ANY EXCAVATION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES OCCUR IN THE LOCATION SHOWN OR PROPOSED IMPROVEMENTS IMPACTING EXISTING FIBER OPTIC LINE LOCATION.
15. SEWER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 3.2.24, OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN WISCONSIN, LATEST ADDITION, AND CITY OF MADISON SPECIFICATIONS.
16. WATER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 4.14.0 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN WISCONSIN, LATEST ADDITION, AND CITY OF MADISON SPECIFICATIONS.
17. ALL PERIMETER EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF DEMOLITION ACTIVITIES. CONTRACTOR SHALL KEEP ALL STREETS AND PAVEMENT FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST AND DEBRIS.
18. BUILDING REMOVALS SHALL BE BY A QUALIFIED CONTRACTOR. CONTRACTOR TO FOLLOW ALL DEMOLITION REGULATIONS, DISCONNECT ALL UTILITIES, OBTAIN ALL APPLICABLE PERMITS AND DISPOSE OF ALL BUILDING MATERIALS IN APPROPRIATE LANDFILLS. DEMOLISHED MATERIALS SHALL NOT BE BURIED ON SITE. IF ENCOUNTERED, ANY CONTAMINATED SOILS SHALL BE REMOVED TO A LANDFILL IN ACCORDANCE WITH APPROPRIATE STATE AND FEDERAL REGULATIONS.
19. CONTRACTOR TO REMOVE EXISTING UTILITY PIPE OR PROVIDE PIPE BACK-FILLING AFTER REMOVAL OF EXISTING UTILITIES WITHIN BUILDING FOOTPRINT USING "LOW DENSITY CONCRETE/FLOWABLE FILL".
20. RESTORATION OF THE EXISTING ROADWAY RIGHT-OF-WAYS ARE CONSIDERED INCIDENTAL AND SHOULD BE PART OF THE COST OF THE UNDERGROUND IMPROVEMENTS, DEMOLITION AND REMOVAL. THIS INCLUDES CURB & GUTTER, SIDEWALK, TOPSOIL, SEEDING AND MULCHING.

FORESTRY NOTES

1. CONTRACTOR SHALL TAKE PRECAUTIONS DURING CONSTRUCTION TO NOT DISFIGURE, SCAR, OR IMPAIR THE HEALTH OF ANY STREET TREE, IF APPLICABLE. CONTRACTOR SHALL OPERATE EQUIPMENT IN A MANNER AS TO NOT DAMAGE THE BRANCHES OF THE STREET TREE(S). THIS MAY REQUIRE USING SMALLER EQUIPMENT AND LOADING AND UNLOADING MATERIALS IN A DESIGNATED SPACE AWAY FROM TREES ON THE CONSTRUCTION SITE. ANY DAMAGE OR INJURY TO EXISTING STREET TREES (EITHER ABOVE OR BELOW GROUND) SHALL BE REPORTED IMMEDIATELY TO CITY FORESTRY AT 266-4816. PENALTIES AND REMEDIATION SHALL BE REQUIRED.
2. NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE: HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM
3.
4. ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY, IF APPLICABLE, SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.

PAVING NOTES

1. GENERAL
   - 1.1. ALL PAVING SHALL CONFORM TO "STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY & STRUCTURE CONSTRUCTION, LATEST EDITION, APPLICABLE CITY OF MADISON ORDINANCES AND THE GEOTECHNICAL REPORT
   - 1.2. ALL PAVING DIMENSIONS ARE TO FACE OF CURB UNLESS SPECIFIED OTHERWISE.
   - 1.3. SURFACE PREPARATION – NOTIFY ENGINEER/OWNER OF UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAVING WORK UNTIL DEFICIENT SUBBASE AREAS HAVE BEEN CORRECTED AND ARE READY TO RECEIVE PAVING.
   - 1.4. ANY REQUIRED REPLACEMENT OF PUBLIC CURB AND GUTTER SHALL MATCH EXISTING AND MEET MUNICIPALITY REQUIREMENTS.
2. ASPHALTIC CONCRETE PAVING SPECIFICATIONS
   - 2.1. CODES AND STANDARDS – THE PLACING, CONSTRUCTION AND COMPOSITION OF THE ASPHALTIC BASE COURSE AND ASPHALTIC CONCRETE SURFACE COURSE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 450, 455, 460 AND 465 OF THE STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, CURRENT EDITION. HEREAFTER, THIS PUBLICATION WILL BE REFERRED TO AS STATE HIGHWAY SPECIFICATIONS.
   - 2.2. WEATHER LIMITATIONS – APPLY TACK COATS WHEN AMBIENT TEMPERATURE IS ABOVE 50° F (10° C) AND WHEN TEMPERATURE HAS NOT BEEN BELOW 35° F (1° C) FOR 12 HOURS IMMEDIATELY PRIOR TO APPLICATION. DO NOT APPLY WHEN BASE IS WET OR CONTAINS EXCESS OF MOISTURE. CONSTRUCT ASPHALTIC CONCRETE SURFACE COURSE WHEN ATMOSPHERIC TEMPERATURE IS ABOVE 40° F (4° C) AND WHEN BASE IS DRY AND WHEN WEATHER IS NOT RAINY. BASE COURSE MAY BE PLACED WHEN AIR TEMPERATURE IS ABOVE 30° F (−1° C).
   - 2.3. GRADE CONTROL – ESTABLISH AND MAINTAIN REQUIRED LINES AND ELEVATIONS FOR EACH COURSE DURING CONSTRUCTION.
   - 2.4. CRUSHED AGGREGATE BASE COURSE – THE TOP LAYER OF BASE COURSE SHALL CONFORM TO SECTIONS 301 AND 305, STATE HIGHWAY SPECIFICATIONS.
   - 2.5. BINDER COURSE AGGREGATE – THE AGGREGATE FOR THE BINDER COURSE SHALL CONFORM TO SECTIONS 460 AND 315, STATE HIGHWAY SPECIFICATIONS.
   - 2.6. SURFACE COURSE AGGREGATE – THE AGGREGATE FOR THE SURFACE COURSE SHALL CONFORM TO SECTIONS 460 AND 465, STATE HIGHWAY SPECIFICATIONS.
   - 2.7. ASPHALTIC MATERIALS – THE ASPHALTIC MATERIALS SHALL CONFORM TO SECTION 455 AND 460, STATE HIGHWAY SPECIFICATIONS.
3. CONCRETE PAVING SPECIFICATIONS
   - 3.1. CONCRETE PAVING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 415 AND 416 OF THE STATE HIGHWAY SPECIFICATIONS.
   - 3.2. CONCRETE PAVEMENT SHALL BE REINFORCED WITH NOVOMESH 950 (OR EQUAL) FIBER REINFORCEMENT AT A RATE OF 5 LBS/CUBIC YARD.
   - 3.3. CURING COMPOUNDS SHALL CONFORM TO SECTION 415 OF THE STATE HIGHWAY SPECIFICATIONS.
   - 3.4. CONTRACTOR SHALL PROVIDE CONTROL JOINTS AND CONSTRUCTION JOINTS OF ONE-QUARTER CONCRETE THICKNESS AT AN EQUAL RATIO OF LENGTH TO WIDTH WHEREVER POSSIBLE WITH A MAXIMUM LENGTH BETWEEN JOINTS OF 8' ON CENTER.
   - 3.5. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS IN SIDEWALKS AT A MAXIMUM 24' ON CENTER.
   - 3.6. EXTERIOR CONCRETE SURFACES SHALL BE BROOM FINISHED.
   - 3.7. ALL CONCRETE SURFACES TO BE SEALED WITH TYPE TK-26UV CONCRETE SEALANT.
4. PAVEMENT MARKING SPECIFICATIONS
   - 4.1. USE 4" WIDE, HIGH VISIBILITY YELLOW LATEX PAINT FOR STALL LINES.
   - 4.2. MARK AND STRIPE ADA PARKING SPACES APPROPRIATELY.
   - 4.3. ALL PAVEMENT MARKINGS INCLUDING: STOP BARS, CROSSWALKS, DIRECTIONAL ARROWS, PARKING STALL LINES, ADA STALL MARKINGS, NO PARKING ZONES, DROP-OFF/PICK-UP ZONES SHALL BE PAINTED WITH LATEX PAINT PER SPECIFICATIONS.
   - 4.4. 2' x 4' TRUNCATED DOME WARNING DETECTION FIELD SHALL BE PLACED AT ALL ADA RAMPS.

GRADING AND SEEDING NOTES

1. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL AREAS DRAIN PROPERLY AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPUTATIONS OF ALL GRADING QUANTITIES. WHILE JSD PROFESSIONAL SERVICES, INC. ATTEMPTS TO PROVIDE A COST EFFECTIVE APPROACH TO BALANCE EARTHWORK, GRADING DESIGN IS BASED ON MANY FACTORS, INCLUDING SAFETY, AESTHETICS, AND COMMON ENGINEERING STANDARDS OF CARE. THEREFORE, NO GUARANTEE CAN BE MADE FOR A BALANCED SITE.
3. PARKING LOT AND DRIVEWAY ELEVATIONS ARE PAVEMENT GRADES, NOT TOP OF CURB GRADES, UNLESS OTHERWISE NOTED.
4. ANY WORK WITHIN RIGHT-OF-WAY SHALL BE PROPERLY PERMITTED AND COORDINATED WITH THE APPROPRIATE OFFICIALS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. ALL GRADING WITHIN RIGHT-OF-WAY IS SUBJECT TO APPROVAL BY SAID OFFICIALS.
5. CONTRACTOR SHALL PROVIDE NOTICE TO THE MUNICIPALITY IN ADVANCE OF ANY SOIL DISTURBING ACTIVITIES, IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
6. ALL DISTURBED AREAS SHALL BE SODDED AND/OR SEEDED AND MULCHED IMMEDIATELY FOLLOWING GRADING ACTIVITIES. SOD/SEED MIX TO BE IN ACCORDANCE WITH LANDSCAPE PLAN.
7. CONTRACTOR SHALL CHISEL-PLOW OR DEEP TILL WITH DOUBLE TINES ALL STORMWATER MANAGEMENT FACILITIES JUST PRIOR TO SODDING AND/OR SEEDING AND MULCHING TO PROMOTE INFILTRATION.
8. CONTRACTOR SHALL WATER ALL NEWLY SODDED/SEEDED AREAS DURING THE SUMMER MONTHS WHENEVER THERE IS A 7 DAY LAPSE WITH NO SIGNIFICANT RAINFALL.
9. CONTRACTOR TO DEEP TILL ALL COMPACTED PERVIOUS SURFACES PRIOR TO SODDING AND/OR SEEDING AND MULCHING.
10. ALL SLOPES 20% OR GREATER SHALL BE TEMPORARY SEEDED, MULCHED, OR OTHER MEANS OF COVER PLACED ON THEM WITHIN 2 WEEKS OF DISTURBANCE.
11. ALL EXPOSED SOIL AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH LAND DISTURBING ACTIVITIES WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 30 DAYS AND REQUIRE VEGETATIVE COVER FOR LESS THAN 1 YEAR, REQUIRE TEMPORARY SEEDING FOR EROSION CONTROL. SEEDING FOR EROSION CONTROL SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1059 AND CITY OF MADISON ORDINANCE.

EROSION CONTROL NOTES

1. CONTRACTOR IS RESPONSIBLE TO NOTIFY ENGINEER OF RECORD AND OFFICIALS OF ANY CHANGES TO THE EROSION CONTROL AND STORMWATER MANAGEMENT PLANS. ENGINEER OF RECORD AND APPROPRIATE CITY OF MADISON OFFICIALS MUST APPROVE ANY CHANGES PRIOR TO DEVIATION FROM THE APPROVED PLANS.
2. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) TECHNICAL STANDARDS (REFERRED TO AS BMP'S) AND CITY OF MADISON ORDINANCE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THESE STANDARDS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL EROSION CONTROL MEASURES WHICH MAY BE NECESSARY TO MEET UNFORESEEN FIELD CONDITIONS.
3. INSTALL PERIMETER EROSION CONTROL MEASURES (SUCH AS CONSTRUCTION ENTRANCES, SILT FENCE AND EXISTING INLET PROTECTION) PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE COVER, AS SHOWN ON PLAN. MODIFICATIONS TO THE APPROVED EROSION CONTROL DESIGN IN ORDER TO MEET UNFORESEEN FIELD CONDITIONS IS ALLOWED IF MODIFICATIONS CONFORM TO BMP'S. ALL DESIGN MODIFICATIONS MUST BE APPROVED BY THE CITY OF MADISON PRIOR TO DEVIATION OF THE APPROVED PLAN.
4. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED BY STATE INSPECTORS, LOCAL INSPECTORS, COUNTY INSPECTORS AND/OR ENGINEER OF RECORD SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.
5. INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROLS AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
6. ALL EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INSPECTED WITHIN 24 HOURS OF ALL RAIN EVENTS EXCEEDING 0.5 INCHES. ANY DAMAGED EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED IMMEDIATELY UPON INSPECTION.
7. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL LOCATIONS OF VEHICLE INGRESS/EGRESS POINTS. ADDITIONAL LOCATIONS OTHER THAN AS SHOWN ON THE PLANS MUST BE PRIOR APPROVED BY THE MUNICIPALITY. CONSTRUCTION ENTRANCES SHALL BE 50' LONG AND NO LESS THAN 12" THICK BY USE OF 3" CLEAR STONE. CONSTRUCTION ENTRANCES SHALL BE MAINTAINED BY THE CONTRACTOR IN A CONDITION WHICH WILL PREVENT THE TRACKING OF MUD OR DRY SEDIMENT ONTO ADJACENT PUBLIC STREETS AFTER EACH WORKING DAY OR MORE FREQUENTLY AS REQUIRED.
8. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEPT AND/OR SCRAPED TO REMOVE ACCUMULATED SOIL, DIRT AND/OR DUST AFTER THE END OF EACH WORK DAY AND AS REQUESTED BY THE CITY OF MADISON.
9. INLET PROTECTION SHALL BE IMMEDIATELY FITTED AT THE INLET OF ALL INSTALLED STORM SEWER AND SILT FENCE SHALL BE IMMEDIATELY FITTED AT ALL INSTALLED CULVERT INLETS TO PREVENT SEDIMENT DEPOSITION WITHIN STORM SEWER SYSTEMS.
10. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES. IF STOCKPILE REMAINS UNDISTURBED FOR MORE THAN SEVEN (7) DAYS, TEMPORARY SEEDING AND STABILIZATION IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES IS REQUIRED. IF DISTURBANCE OCCURS BETWEEN NOVEMBER 15TH AND MAY 15TH, THE MULCHING SHALL BE PERFORMED BY HYDRO-MULCHING WITH A "TACKIFIER."
11. DITCH CHECKS AND APPLICABLE EROSION NETTING/MATTING SHALL BE INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING EFFORTS WITHIN DITCHES/SWALES TO PREVENT SOIL TRANSPORTATION.
12. EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.):
    - A. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
    - B. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
    - C. DISCHARGE TRENCH WATER INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH THE DEWATERING TECHNICAL STANDARD NO. 1061 PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM, OR DRAINAGE DITCH.
13. ALL SLOPES 4:1 OR GREATER SHALL BE STABILIZED WITH CLASS I, TYPE B EROSION MATTING OR APPLICATION OF A WISCONSIN DEPARTMENT OF TRANSPORTATION (WisDOT) APPROVED POLYMER SOIL STABILIZATION TREATMENT OR A COMBINATION THEREOF, AS REQUIRED WITHIN 7 DAYS OF REACHING FINAL GRADE AND/OR AS SOON AS CONDITIONS ALLOW. DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE B EROSION MATTING. EROSION MATTING AND/OR NETTING USED ONSITE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND WDNR TECHNICAL STANDARDS 1052 AND 1053.
14. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO CONTROL DUST ARISING FROM CONSTRUCTION OPERATIONS. REFER TO WDNR TECHNICAL STANDARD 1068.
15. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY AT THE SITE HAS BEEN COMPLETED AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A DENSITY OF AT LEAST 70% FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES OR THAT EMPLOY EQUIVALENT PERMANENT STABILIZATION MEASURES.
16. CONTRACTOR/OWNER SHALL FILE A NOTICE OF TERMINATION UPON COMPLETION OF THE PROJECT IN ACCORDANCE WITH WDNR REQUIREMENTS AND/OR PROPERTY SALE IN ACCORDANCE WITH WDNR REQUIREMENTS.
17. STABILIZATION PRACTICES:
    - 17.1. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. NO MORE THAN SEVEN (7) DAYS SHALL PASS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS CEASED UNLESS:
    - 17.2. THE INITIATION STABILIZATION MEASURES BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS CEASED IS PRECLUDED BY SNOW COVER. IN THAT EVENT, STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE.
    - 17.3. CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN FOURTEEN (14) DAYS FROM WHEN ACTIVITY CEASED, (I.E. THE TOTAL TIME PERIOD THAT THE CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN FOURTEEN (14) DAYS. IN THAT EVENT, STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED.
    - 17.4. STABILIZATION MEASURES SHALL BE DETERMINED BASED ON SITE CONDITIONS AT THE TIME OF CONSTRUCTION ACTIVITY HAS CEASED, INCLUDING BUT NOT LIMITED TO WEATHER CONDITIONS AND LENGTH OF TIME MEASURE MUST BE EFFECTIVE. THE FOLLOWING ARE ACCEPTABLE STABILIZATION MEASURES:
      - PERMANENT SEEDING; IN ACCORDANCE WITH APPROVED CONSTRUCTION SPECIFICATION
      - TEMPORARY SEEDING; MAY CONSIST OF SPRING OATS(100LBS/ACRE) AND/OR WHEAT OR CEREAL RYE (150LB/ACRE)
      - HYDRO-MULCHING WITH A TACKIFIER
      - GEOTEXTILE EROSION MATTING
      - SODDING

LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY
- DEMOLITION – REMOVAL OF ONSITE CURB SURFACES AND BASE COURSE
- DEMOLITION – PAVEMENT MILL AND OVERLAY
- DEMOLITION – REMOVAL OF RETAINING WALL
- DEMOLITION – REMOVAL OF ASPHALT SURFACES
- DEMOLITION – REMOVAL OF CONCRETE SURFACES
- DEMOLITION – REMOVAL OF BUILDINGS/STRUCTURES
- DEMOLITION – REMOVAL OF UTILITIES
- DEMOLITION – REMOVAL OF LANDSCAPE BEDDING
- TREE REMOVAL
- PROTECT EXISTING TREE
- EDGE OF PAVEMENT
- STANDARD CURB AND GUTTER
- REJECT CURB AND GUTTER
- 18" CONCRETE VALLEY GUTTER
- ASPHALT PAVEMENT
- HEAVY DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- HEAVY DUTY CONCRETE PAVEMENT
- 959 PROPOSED 1 FOOT CONTOUR
- 960 PROPOSED 5 FOOT CONTOUR
- 959 EXISTING 1 FOOT CONTOUR
- 960 EXISTING 5 FOOT CONTOUR
- LIGHT POLE (REFER TO PHOTOMETRIC PLAN)
- ADA PARKING SIGN
- BOLLARD
- BOLLARD WITH ADA PARKING SIGN
- BIKE RACK
- SAWCUT EXISTING PAVEMENT
- S SANITARY SEWER
- W WATERMAIN
- D STORM SEWER
- 8'x4'x4" INSULATION (PLAN VIEW)
- 8'x4'x4" INSULATION (PROFILE VIEW)
- SILT FENCE
- CONSTRUCTION ENTRANCE
- SPOT ELEVATION
  - EP – EDGE OF PAVEMENT
  - FG – FINISH GRADE
  - EC – EDGE OF CONCRETE
  - BOC – BACK OF CURB
  - MATCH – MATCH EXISTING GRADE
  - HP – HIGH POINT
  - SW – SIDEWALK
- FG: XXX.XX
- INLET PROTECTION

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VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:
URBAN LEAGUE OF GREATER MADISON

CLIENT ADDRESS:
2222 S. PARK ST, STE 200
MADISON, WI 53713

PROJECT:
THE HUB - ULGM
VILLAGER ON PARK

PROJECT LOCATION:
SOUTHEAST CORNER OF THE VILLAGER ON PARK

PLAN MODIFICATIONS:

#	Date:	Description:
1	06.30.21	UDC INITIAL / FINAL
2	08.03.21	UDC RESUBMITTAL
3		
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Designed By:	JAW
Reviewed By:	ACG
Approved By:	KJY

SHEET TITLE:
NOTES AND LEGEND

SHEET NUMBER:
C1.0

JSD PROJECT NO: 21-10695

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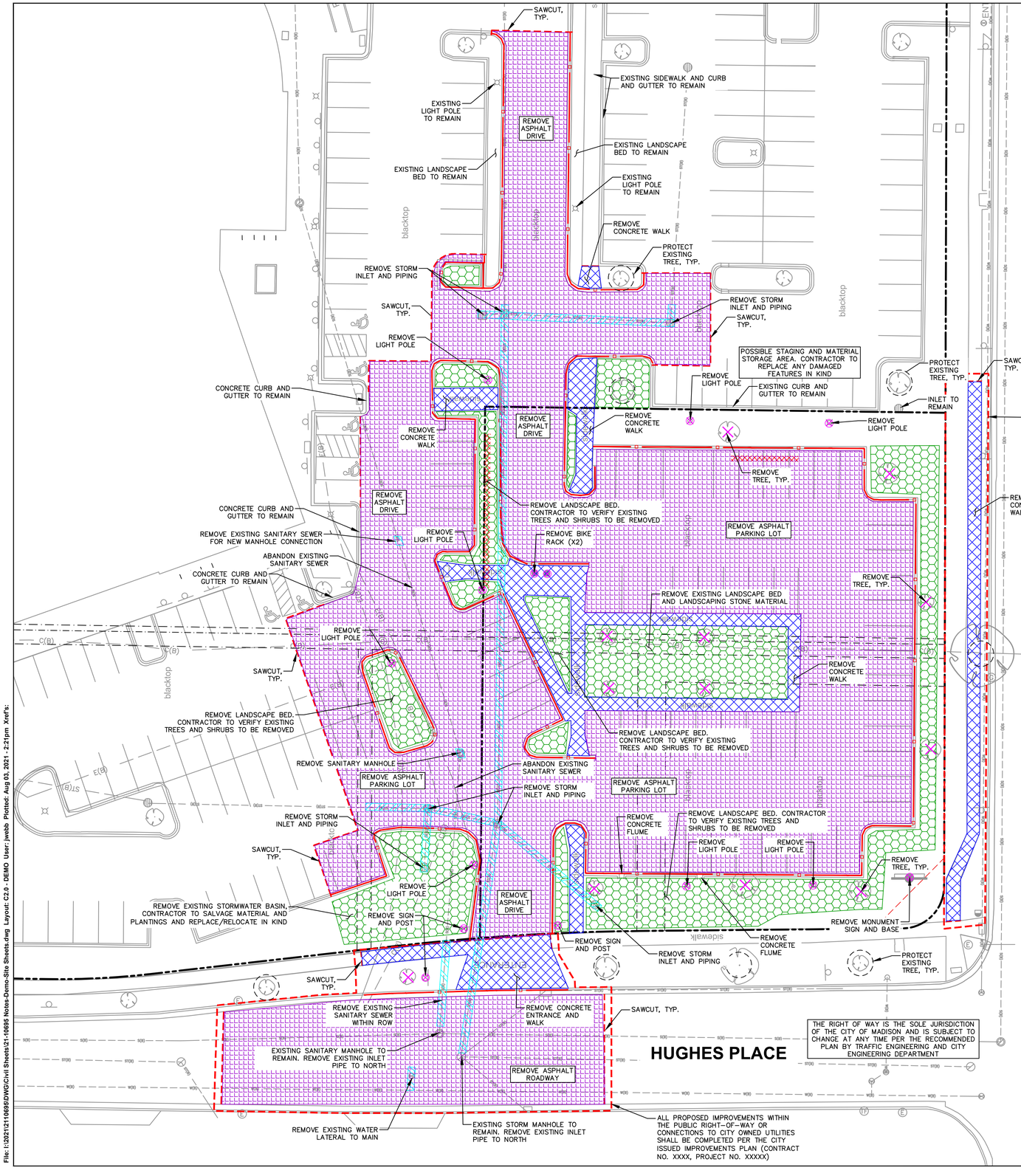

LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY
- EASEMENT LINE
- SAWCUT
- DEMOLITION – REMOVAL OF ONSITE CURB SURFACES AND BASE COURSE
- DEMOLITION – PAVEMENT MILL AND OVERLAY
- DEMOLITION – REMOVAL OF RETAINING WALL
- DEMOLITION – REMOVAL OF ASPHALT SURFACES
- DEMOLITION – REMOVAL OF CONCRETE SURFACES
- DEMOLITION – REMOVAL OF BUILDINGS/STRUCTURES
- DEMOLITION – REMOVAL OF UTILITIES
- DEMOLITION – REMOVAL OF LANDSCAPE BEDDING
- TREE REMOVAL
- MISCELLANEOUS ITEM REMOVAL
- PROTECT EXISTING TREE

north

SCALE IN FEET

20' 0 20'

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Designed By: JAW
Reviewed By: ACG
Approved By: KJY

SHEET TITLE:
DEMOLITION PLAN

SHEET NUMBER:
C2.0

JSD PROJECT NO: 21-10695

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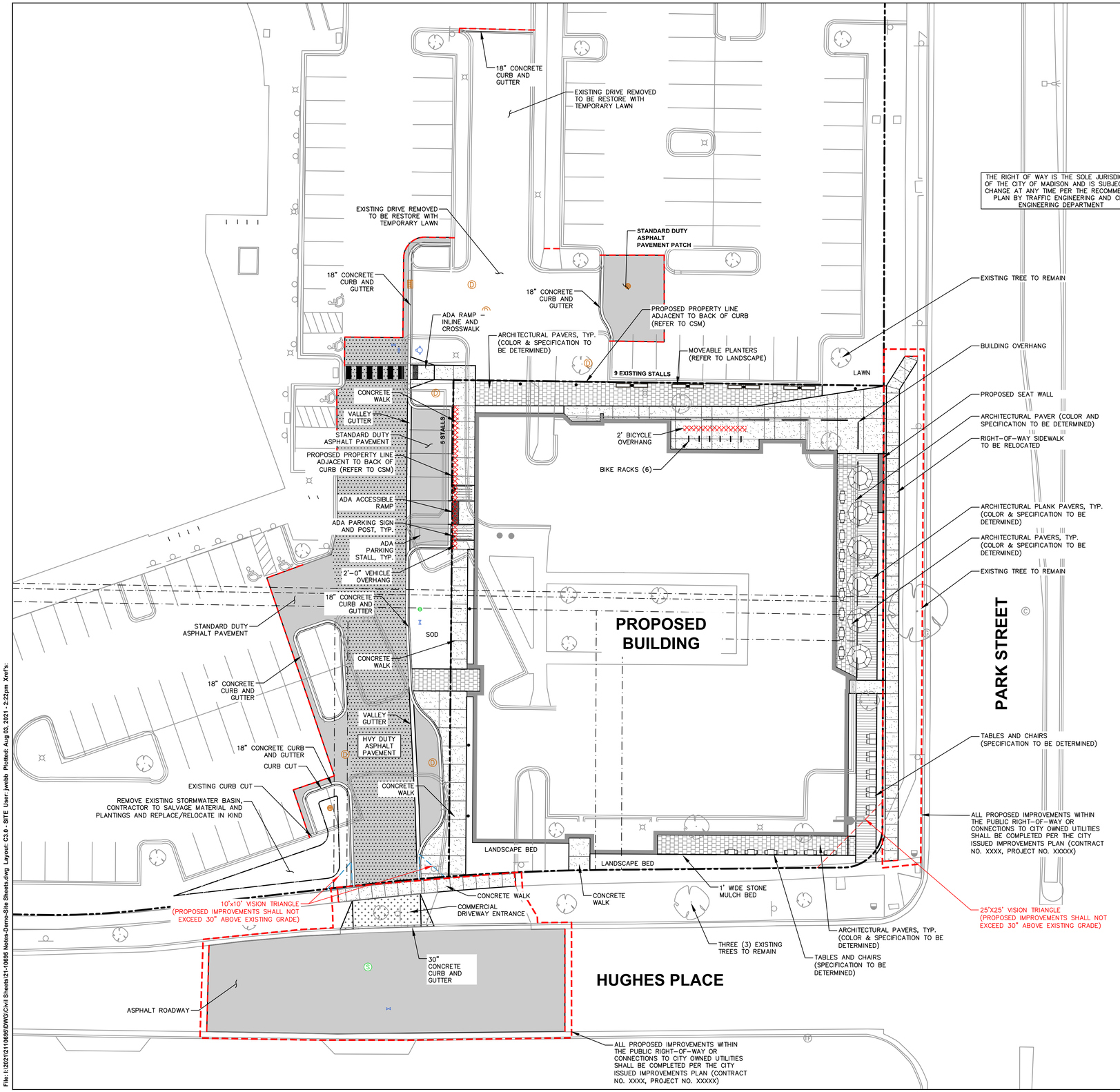

SITE INFORMATION BLOCK

SITE ADDRESS	TBD
PROPERTY ACREAGE	.706 ACRES
NUMBER OF BUILDING STORIES	4
TOTAL BUILDING SQUARE FOOTAGE	22,113 SF
GROSS BUILDING SQUARE FOOTAGE	65,000 SF
MINIMUM NUMBER OF PARKING STALLS REQUIRED	
SURFACE	0
NUMBER OF PARKING STALLS WITHIN PROPERTY EXTENTS	
SURFACE	0
UNDERGROUND	N/A
NUMBER OF BICYCLE STALLS:	12
EXISTING VS. PROPOSED SITE COVERAGE	
EXISTING IMPERVIOUS SURFACE AREA	21,481 SF
EXISTING PERVIOUS SURFACE AREA	9,259 SF
EXISTING IMPERVIOUS SURFACE AREA RATIO	0.70
PROPOSED IMPERVIOUS SURFACE AREA	29,050 SF
PROPOSED PERVIOUS SURFACE AREA	1,690 SF
PROPOSED IMPERVIOUS SURFACE AREA RATIO	0.95

LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY
- EASEMENT LINE
- BUILDING OUTLINE
- BUILDING OVERHANG
- BUILDING SETBACK LINE
- PAVEMENT SETBACK LINE
- EDGE OF PAVEMENT
- STANDARD CURB AND GUTTER
- REJECT CURB AND GUTTER
- MOUNTABLE CURB AND GUTTER
- 6" CONCRETE RIBBON CURB
- ASPHALT PAVEMENT
- HEAVY DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- HEAVY DUTY CONCRETE PAVEMENT
- STORMWATER MANAGEMENT AREA
- LIGHT POLE (REFER TO PHOTOMETRIC PLAN)
- ADA PARKING SIGN
- BIKE RACK
- SAWCUT EXISTING PAVEMENT

north

SCALE IN FEET

20' 0 20'

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Designed By:	JAW
Reviewed By:	ACG
Approved By:	KJY

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
C3.0

JSD PROJECT NO: 21-10695

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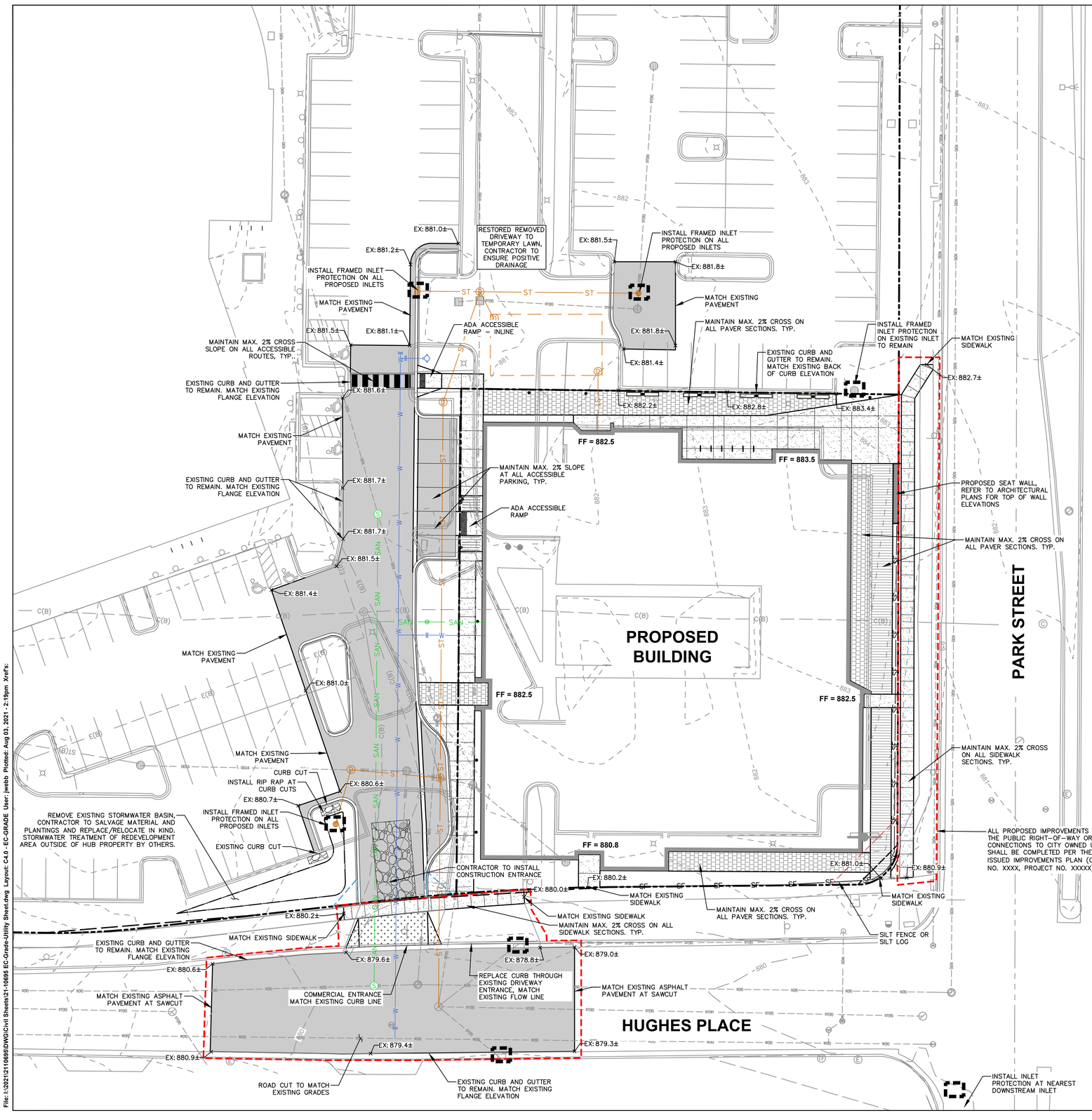

LEGEND - GRADING & EROSION CONTROL

- PROPERTY LINE
- RIGHT–OF–WAY
- BUILDING OUTLINE
- BUILDING OVERHANG
- EDGE OF PAVEMENT
- STANDARD CURB AND GUTTER
- REJECT CURB AND GUTTER
- MOUNTABLE CURB AND GUTTER
- 6" CONCRETE RIBBON CURB
- ASPHALT PAVEMENT
- HEAVY DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- HEAVY DUTY CONCRETE PAVEMENT
- 959 — PROPOSED 1 FOOT CONTOUR
- 960 — PROPOSED 5 FOOT CONTOUR
- EXISTING 1 FOOT CONTOUR
- EXISTING 5 FOOT CONTOUR
- DRAINAGE DIRECTION
- SILT FENCE / SILT LOG
- RIP–RAP
- CONSTRUCTION ENTRANCE
- EROSION MATTING
- TURF REINFORCEMENT MATTING
- FG: XXX.XX — SPOT ELEVATION
  - EP – EDGE OF PAVEMENT
  - FG – FINISH GRADE
  - EC – EDGE OF CONCRETE
  - BOC – BACK OF CURB
  - MATCH – MATCH EXISTING GRADE
  - HP – HIGH POINT
  - SW – SIDEWALK
- INLET PROTECTION

north

SCALE IN FEET

20' 0 20'

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VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:
URBAN LEAGUE OF GREATER MADISON

CLIENT ADDRESS:
2222 S. PARK ST, STE 200
MADISON, WI 53713

PROJECT:
THE HUB - ULGM
VILLAGER ON PARK

PROJECT LOCATION:
SOUTHEAST CORNER OF THE VILLAGER ON PARK

PLAN MODIFICATIONS:

#	Date:	Description:
1	06.30.21	UDC INITIAL / FINAL
2	08.03.21	UDC RESUBMITTAL
3		
4		
5		
6		
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11		
12		
13		
14		
15		

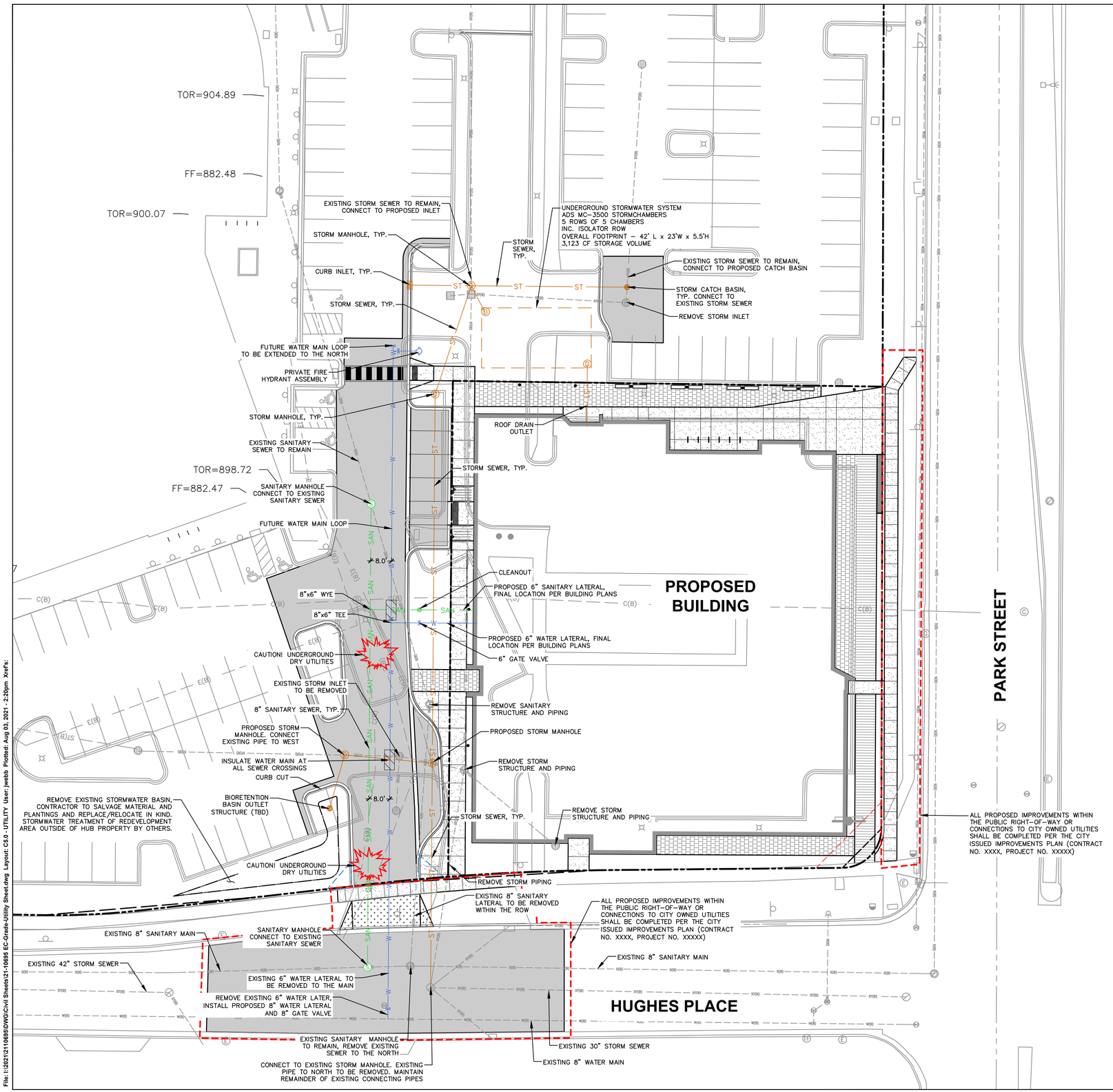
Designed By:	JAW
Reviewed By:	ACG
Approved By:	KJY

SHEET TITLE:
EROSION CONTROL & GRADING PLAN

SHEET NUMBER:
C4.0

JSD PROJECT NO: 21-10695

File: I:\2021\21-10695\DWG\Civil Sheets\21-10695 EC-Grade-Utility Sheet.dwg Layout: C4.0 - EC-GRADE User: jwebb Plotted: Aug 03, 2021 - 2:19pm Xref's:



LEGEND - UTILITIES

- PROPERTY LINE
- RIGHT-OF-WAY
- BUILDING OUTLINE
- BUILDING OVERHANG
- EDGE OF PAVEMENT
- STANDARD CURB AND GUTTER
- REJECT CURB AND GUTTER
- MOUNTABLE CURB AND GUTTER
- 6" CONCRETE RIBBON CURB
- ASPHALT PAVEMENT
- HEAVY DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- HEAVY DUTY CONCRETE PAVEMENT
- SANITARY SEWER
- WATERMAIN
- STORM SEWER
- 8'x4'x2" INSULATION (PLAN VIEW)

north

SCALE IN FEET

20' 0 20'

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SOUTHEAST CORNER OF THE VILLAGER ON PARK

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#	Date:	Description:
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3		
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Designed By:	JAW
Reviewed By:	ACG
Approved By:	KJY

SHEET TITLE:
UTILITY PLAN

SHEET NUMBER:
C5.0

JSD PROJECT NO: 21-10695

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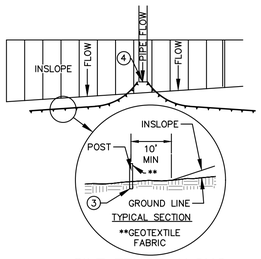
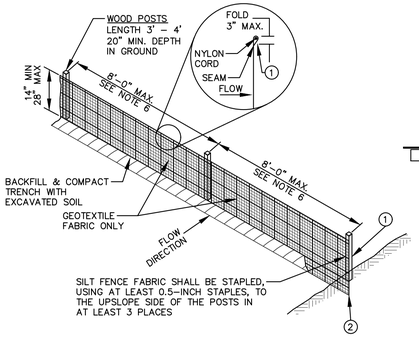
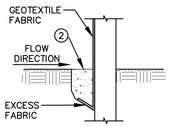


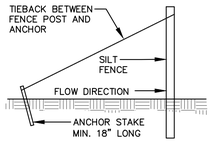
SILT FENCE ALONG SLOPES & OUTFALLS



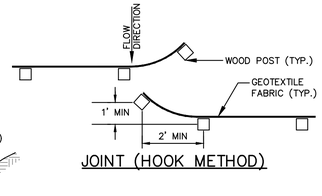


NOTE:
ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS.

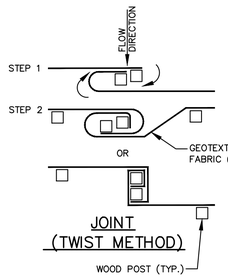
TRENCH DETAIL



SILT FENCE TIE BACK
(WHEN ADDITIONAL SUPPORT REQUIRED)



JOINT (HOOK METHOD)



JOINT (TWIST METHOD)

GENERAL NOTES:

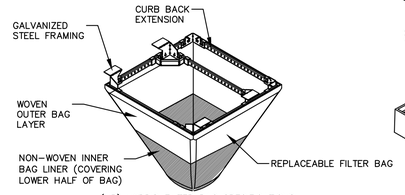
1. SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8-INCHES OF FABRIC IN A 4-INCH WIDE AND 6-INCH DEEP TRENCH OR 6-INCH DEEP V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. TRENCHES SHALL NOT BE EXCAVATED WIDER OR DEEPER THAN NECESSARY FOR PROPER INSTALLATION.
2. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1.125-INCHES x 1.125-INCHES OF DRIED OAK OR HICKORY.
4. SILT FENCE TO EXTEND ABOVE THE TOP OF PIPE.
5. SILT FENCE CONSTRUCTION AND GEOTEXTILE FABRIC SHALL CONFORM TO WDNR TECHNICAL STANDARD 1056.
6. POST SPACING SHALL BE SELECTED BASED ON GEOTEXTILE FABRIC (8-FEET FOR WOVEN & 3-FEET FOR NON-WOVEN)

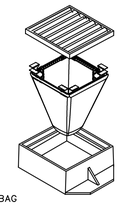
SILT FENCE

N.T.S.

REV. 7-01-2019

FLEXSTORM INLET FILTERS TO MEET DANE COUNTY EROSION CONTROL STANDARDS





(HB) HYBRID FILTER BAG SPECIFICATIONS:

INSTALLATION INSTRUCTIONS:
1. REMOVE GRATE FROM THE DRAINAGE STRUCTURE
2. CLEAN STONE AND DIRT FROM LEDGE (LIP) OF DRAINAGE STRUCTURE
3. DROP THE INLET FILTER THROUGH THE CLEAR OPENING SUCH THAT THE HANGERS REST FIRMLY ON THE LIP OF THE STRUCTURE
4. REPLACE THE GRATE AND CONFIRM IT IS NOT ELEVATED MORE THAN 1/8"

MAINTENANCE GUIDELINES:
1. EMPTY THE SEDIMENT BAG IF MORE THAN HALF FILLED WITH SEDIMENT AND DEBRIS
2. REMOVE THE GRATE, ENGAGE THE LIFTING POINTS, AND LIFT FILTER FROM THE DRAINAGE STRUCTURE.
3. DISPOSE OF SEDIMENT AND DEBRIS BY THE ENGINEERING OR MAINTENANCE CONTRACT 4. ALTERNATIVELY, AN INDUSTRIAL VACUUM CAN BE USED TO COLLECT SEDIMENT FROM THE FILTER BAG

CATCH-IT INLET FILTER (Temporary Inlet Protection)

Neenah Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft³)	Flow Ratings (CFS)		ADS P/N
					HB (Hybrid Bag)	Bypass	
3067	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.0	5.8	62LCBEXTHB
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	1.1	3.3	62LCB3624HB
3030	Square/Rect (SQ)	23 x 16	20.5 x 13.5	1.6	0.7	2.2	62MCB2316HB
3067-C	Square/Rect (SQ)	35.25 x 17.75	33 x 15	3.2	1.0	5.2	62LSQ3618HB
R-2501	Round (RD)	~26	~24	2.3	0.8	5.2	62MRD26HB
R-1772/2560	Round (RD)	22.25-23.5	20.5-21	1.5	0.6	4.6	62MRD22HB

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

PROPERTY	TEST METHOD	WOVEN (OUTER)	NON-WOVEN (LINER)
TENSILE STRENGTH	ASTM D4632	350 x 225 Lbs	100 Lbs
ELONGATION	ASTM D4632	20% x 15%	50%
CBR PUNCTURE	ASTM D6241	1000 Lbs	65 Lbs
TRAPEZOIDAL TEAR	ASTM D4533	110 x 75 Lbs	45 Lbs
UV RESISTANCE	ASTM D4355	90%	70%
OPENING SIZE (AOS)	ASTM D4751	20 US STD SIEVE	40 US STD SIEVE
PERMITTIVITY	ASTM D4491	1.5 Sec⁻¹	2.0 Sec⁻¹
WATER FLOW RATE	ASTM D4491	200 gal/min/ft²	145 gal/min/ft²
MINIMUM FILTER BAG VOLUME		2 CUBIC FT	

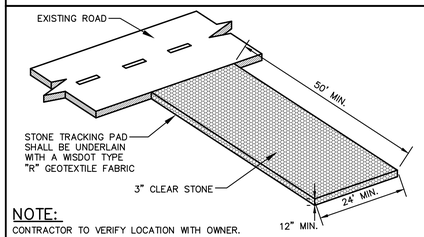
FRAMED INLET PROTECTION

N.T.S.

REV. 7-01-2019

FLEXSTORM CATCH IT

DATE	DRAWN BY	DWG NO.	REV
C		IPP Flexstorm HD Specifications	
PAGE		SHEET 1 OF 1	

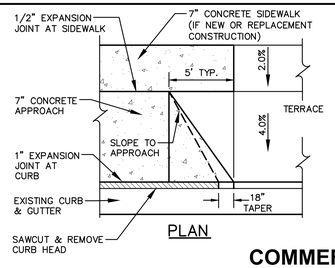


NOTE:
CONTRACTOR TO VERIFY LOCATION WITH OWNER.

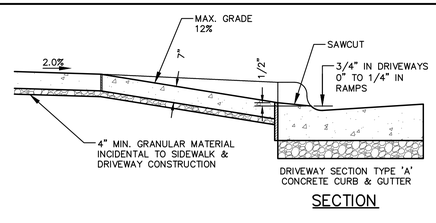
CONSTRUCTION ENTRANCE

N.T.S.

REV. 12-10-2018



PLAN

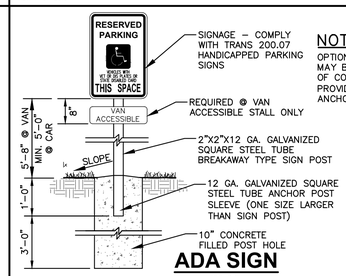


SECTION

COMMERCIAL ENTRANCE

N.T.S.

REV. 2-12-2021

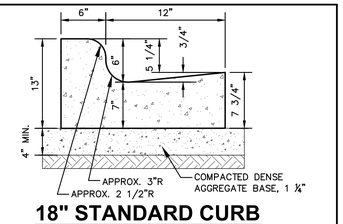


NOTE:
OPTION: DRIVEN POST MAY BE UTILIZED IN LIEU OF CONCRETE BASE. PROVIDE MIN. 3'-0" LONG ANCHOR POST SLEEVE.

ADA SIGN

N.T.S.

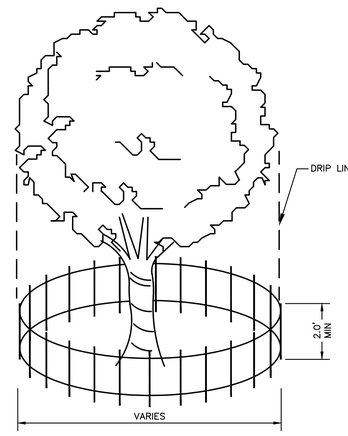
REV. 7-01-2019



18" STANDARD CURB & GUTTER

N.T.S.

REV. 12-17-2018

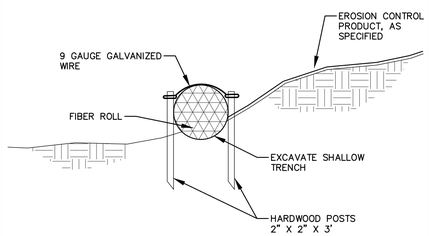


NOTE:
FENCE TO BE INSTALLED TO PROTECT EXISTING TREE(S) DURING CONSTRUCTION. CONTRACTOR TO COORDINATE FENCE LOCATON WITH OWNER PRIOR TO INSTALLATION. SILT FENCE MATERIAL OR OTHER APPROVED BARRIER MATERIAL MAY BE USED.

TREE PROTECTION

N.T.S.

REV. 11-26-2018



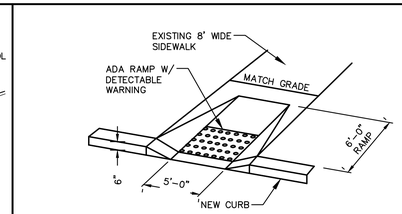
GENERAL NOTES:

1. EXCAVATE A SHALLOW TRENCH SLIGHTLY BELOW BASEFLOW OR A 4" TRENCH ON SLOPE CONTOURS.
2. PLACE THE ROLL IN THE TRENCH AND ANCHOR WITH 2" X 2" POSTS PLACED ON BOTH SIDES OF THE ROLL AND SPACED LATERALLY ON 2' TO 4' CENTERS. TRIM THE TOP OF THE POSTS EVEN WITH THE EDGE OF THE ROLL, IF NECESSARY.
3. NOTCH THE POSTS AND TIE TOGETHER, ACROSS THE ROLL, WITH 9 GAUGE GALVANIZED WIRE OR 1/8" DIAMETER BRAIDED NYLON ROPE.
4. PLACE SOIL EXCAVATED FROM THE TRENCH BEHIND THE ROLL AND HAND TAMP. PLANT WITH SUITABLE HERBACEOUS OR WOODY VEGETATION AS SPECIFIED.

FIBER SILT SOCK

N.T.S.

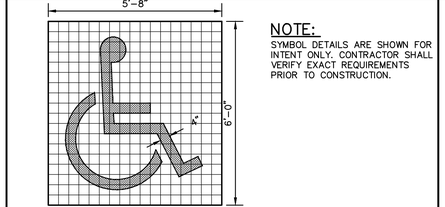
REV. 12-7-2018



ADA ACCESSIBLE RAMP - INLINE

N.T.S.

REV. 11-20-2018



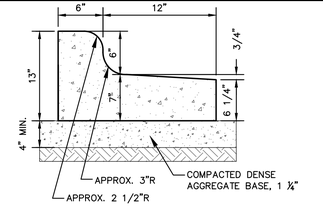
NOTE:
SYMBOL DETAILS ARE SHOWN FOR INTENT ONLY. CONTRACTOR SHALL VERIFY EXACT REQUIREMENTS PRIOR TO CONSTRUCTION.

4"x4" GRID FOR LAYOUT PURPOSES ONLY FOR ALL ACCESSIBLE AND VAN ACCESSIBLE SPACES

ADA PARKING STALL MARKING

N.T.S.

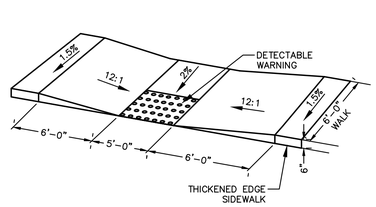
REV. 11-20-2018



18" REJECT CURB & GUTTER

N.T.S.

REV. 12-17-2018



ADA ACCESSIBLE RAMP

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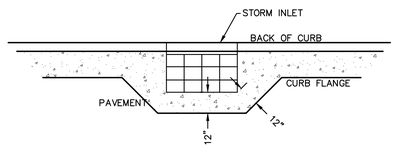
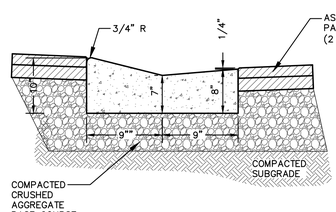
REV. 11-20-2018



CONCRETE INLET COLLAR

N.T.S.

REV. 11-20-2018



VALLEY GUTTER CURB

N.T.S.

REV. 11-20-2018

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15		

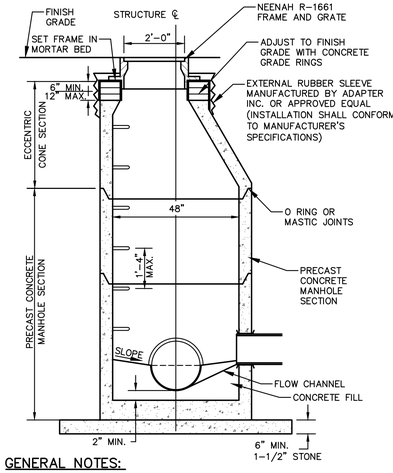
Designed By:	JAW
Reviewed By:	ACG
Approved By:	KJY

SHEET TITLE:
SITE DETAILS

SHEET NUMBER:
C7.0

JSD PROJECT NO: 21-10695

File: I:\2021\21-10695\DWG\Civil Sheets\21-10695 Details Sheet.dwg Layout: C5.0 - DETAILS User: jwebb Plotted: Aug 03, 2021 - 10:38am Xref's:



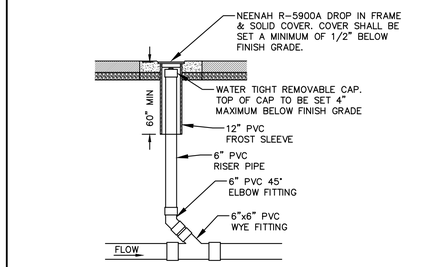
GENERAL NOTES:

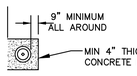
1. MANHOLE CONSTRUCTION TO MEET REQUIREMENTS OF ASTM C478.
2. JOINTS SHALL BE WATERTIGHT. USE BUTYL RUBBER GASKET.
3. USE MORTAR FOR PIPE CONNECTIONS.
4. ALL MANHOLES SHALL HAVE RUBBER CHIMNEY BOOT SEALS.

SANITARY SEWER MANHOLE

N.T.S.

REV. 12-6-2018





PLAN VIEW

Comm Table 82.35		
Dia of Lateral	Min Dia of Cleanout Riser	Min Dia of Riser Cap
1.5	1.5	1.5
2	1.5	1.5
3	3	2.5
4	4	3.5
5	5	4
6	6	5
8+	6	6

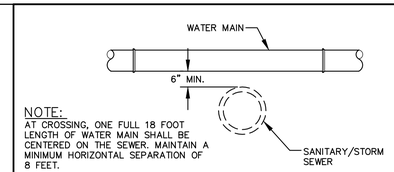
Neenah Grates R-5900A 12-inch Pipe

NOTE:
CLEANOUT PIPING AND FITTINGS SHALL MATCH SANITARY SEWER LATERAL MATERIAL

SANITARY SEWER CLEANOUT

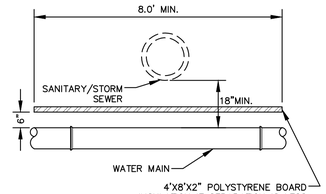
N.T.S.

REV. 12-6-2018



NOTE:
AT CROSSING, ONE FULL 18 FOOT LENGTH OF WATER MAIN SHALL BE CENTERED ON THE SEWER. MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 8 FEET.

WATER MAIN OVER SANITARY/STORM SEWER

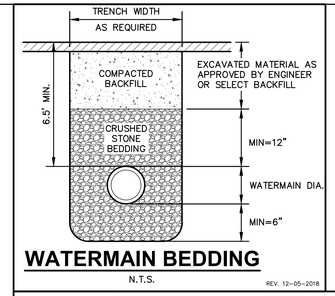


SANITARY/STORM SEWER OVER WATER MAIN

SEWER - WATER MAIN SEPARATION

N.T.S.

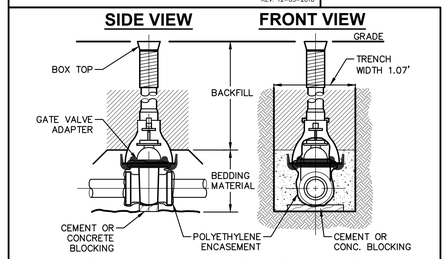
REV. 7-01-2019



WATERMAIN BEDDING

N.T.S.

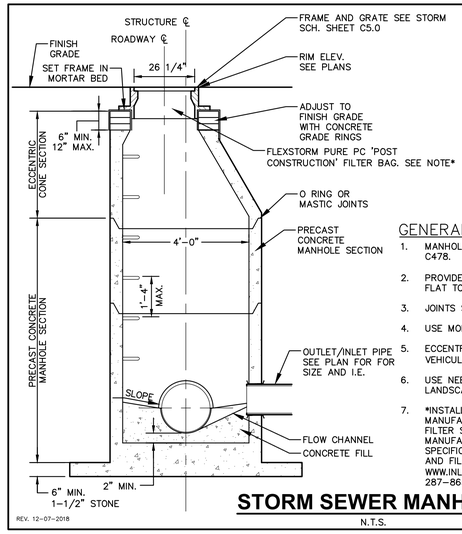
REV. 12-05-2018

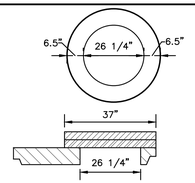


GATE VALVE BOX SETTING

N.T.S.

REV. 12-04-2018





FLAT TOP SLAB

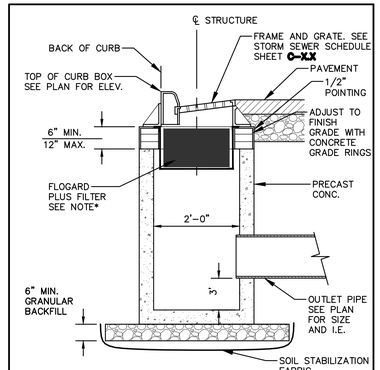
GENERAL NOTES:

1. MANHOLE CONSTRUCTION TO MEET REQUIREMENTS OF ASTM C478.
2. PROVIDE FLAT TOP SLAB FOR MANHOLES 5' OR LESS IN DEPTH. FLAT TOP SLABS TO BE IN-BELL TYPE.
3. JOINTS SHALL BE WATERTIGHT. USE BUTYL RUBBER GASKET.
4. USE MORTAR FOR PIPE CONNECTIONS.
5. ECCENTRIC CONE SECTION OF MANHOLE TO BE SET OUTSIDE OF VEHICULAR WHEEL PATH NEAR ℄ ROADWAY.
6. USE NEENAH R-2501-G BEEHIVE FRAME AND GRATE WHEN IN LANDSCAPE AREAS.
7. *INSTALL FLEXSTORM SURE PC CATCH BASIN FILTER INSERT AS MANUFACTURED BY FLEXSTORM INLET FILTERS OR EQUIVALENT. FILTER SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, RECOMMENDATIONS AND SPECIFICATIONS DETAIL. INFORMATION REGARDING MAINTENANCE AND FILTER REPLACEMENT CAN BE FOUND AT WWW.INLETFILTERS.COM OR BY CALLING ADS FLEXSTORM AT (866) 287-8655.

STORM SEWER MANHOLE

N.T.S.

REV. 12-07-2018

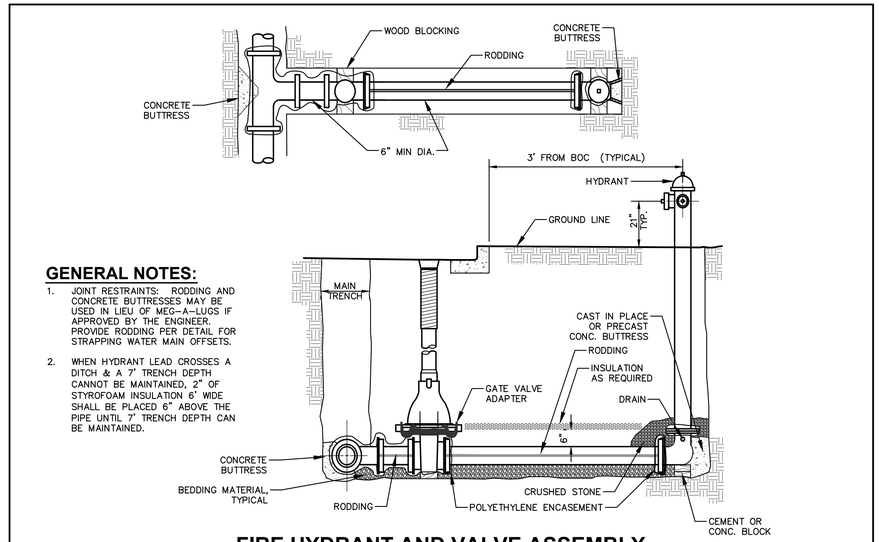


NOTE:
*INSTALL FLOGARD PLUS CATCH BASIN FILTER INSERT AS MANUFACTURED BY KRISTAR ENTERPRISES, INC. OR EQUIVALENT. FILTER SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, RECOMMENDATIONS AND SPECIFICATIONS.

STORM INLET W/ SUMP - OIL & GREASE FILTER

N.T.S.

REV. 11-26-2018



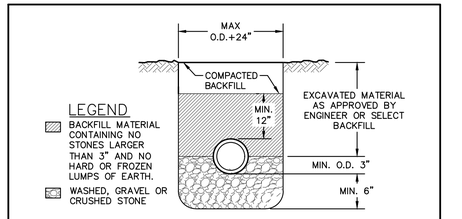
GENERAL NOTES:

1. JOINT RESTRAINTS: RODDING AND CONCRETE BUTTRESSES MAY BE USED IN LIEU OF MEG-A-LUGS IF APPROVED BY THE ENGINEER. PROVIDE RODDING PER DETAIL FOR STRAPPING WATER MAIN OFFSETS.
2. WHEN HYDRANT LEAD CROSSES A DITCH & A 7' TRENCH DEPTH CANNOT BE MAINTAINED, 2" OF STYROFOAM INSULATION 6' WIDE SHALL BE PLACED 6" ABOVE THE PIPE UNTIL 7' TRENCH DEPTH CAN BE MAINTAINED.

FIRE HYDRANT AND VALVE ASSEMBLY

N.T.S.

REV. 12-03-2018



STORM & SANITARY SEWER BEDDING

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REV. 12-05-2018

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161 HORIZON DRIVE, SUITE 101
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:
URBAN LEAGUE OF GREATER MADISON

CLIENT ADDRESS:
2222 S. PARK ST, STE 200
MADISON, WI 53713

PROJECT:
THE HUB - ULGM VILLAGER ON PARK

PROJECT LOCATION:
SOUTHEAST CORNER OF THE VILLAGER ON PARK

PLAN MODIFICATIONS:

#	Date:	Description:
1	06.30.21	UDC INITIAL / FINAL
2	08.03.21	UDC RESUBMITTAL
3		
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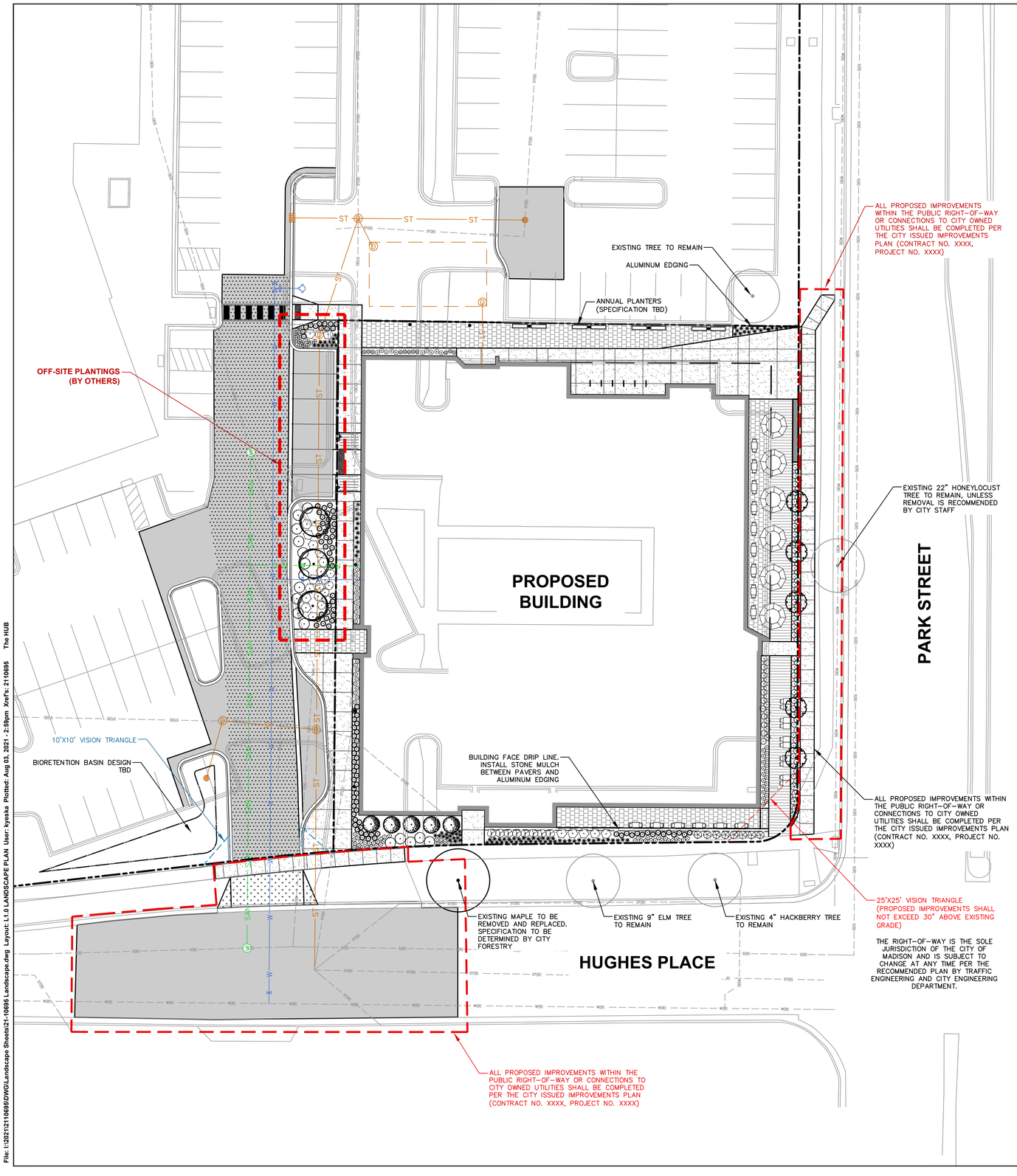
Designed By:	JAW
Reviewed By:	ACG
Approved By:	KJY

SHEET TITLE:
UTILITY DETAILS

SHEET NUMBER:
C7.1

JSD PROJECT NO: 21-10695

File: I:\2021\21-10695\DWG\Civil Sheets\21-10695 Details Sheet.dwg Layout: C5.1 - DETAILS User: jwebb Plotted: Aug 03, 2021 - 10:37am Xref's:



LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY
- BUILDING OUTLINE
- BUILDING OVERHANG
- EDGE OF PAVEMENT
- CURB AND GUTTER
- ASPHALT PAVEMENT
- HEAVY DUTY ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- SEAT WALL
- SAN — PROPOSED SANITARY SEWER
- W — PROPOSED WATER MAIN
- ST — PROPOSED STORM SEWER
- ADA PARKING SIGN
- LIGHT BOLLARD (REFER TO PHOTOMETRIC PLAN)
- ALUMINUM EDGING

GENERAL NOTES

1. REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGEND.
2. ALL WORK IN THE ROW SHALL BE IN ACCORDANCE WITH THE MUNICIPAL STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.
4. DRAWING FOR REVIEW – NOT FOR CONSTRUCTION UNLESS OTHERWISE NOTED IN THE TITLE BLOCK.
5. THE LANDSCAPE CONTRACTOR SHALL COORDINATE ALL FINE GRADING AND TOPSOILING WITH GENERAL CONTRACTOR
6. REFER TO "LANDSCAPE DETAILS AND NOTES" SHEET FOR ADDITIONAL DETAILS, NOTES AND SPECIFICATION INFORMATION INCLUDING MATERIALS, GUARANTEE AND EXECUTION RELATED TO LANDSCAPE PLAN
7. CONTRACTOR SHALL REVIEW SITE CONDITIONS FOR UTILITY CONFLICTS, DRAINAGE ISSUES, SUBSURFACE ROCK, AND PLANT PLACEMENT CONFLICTS PRIOR TO PLANT INSTALLATION. REPORT ANY CONDITIONS THAT MAY HAVE ADVERSE IMPACT ON PLANTING OPERATIONS TO LANDSCAPE ARCHITECT
8. DO NOT COMMENCE PLANTING OPERATIONS UNTIL ALL ADJACENT SITE IMPROVEMENTS, IRRIGATION INSTALLATION (IF APPLICABLE), AND FINISH GRADING ARE COMPLETE

PLANT SCHEDULE HUB SITE

Ø3–ORNAMENTAL TREES	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QTY
	MB	Malus x 'JFS KW214MX' TM / Ivory Spear Crabapple	B & B	1.25"Cal	5
Ø4 – UPRIGHT EVERGREEN SHRUB	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	PC	Pinus cembra 'Compacta Glauca' / Compact Blue Swiss Stone Pine	B & B	Min. 6' Ht.	5
Ø4–DECIDUOUS SHRUBS	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	AO	Amelanchier alnifolia 'Obelisk' TM / Standing Ovation Serviceberry	B & B	Min. 48" Ht.	8
	CF	Cornus stolonifera 'Farrow' TM / Arctic Fire Red Twig Dogwood	#5	Min. 24" Ht.	5
	GLS	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	#3	Min. 24" wide	5
Ø6–PERENNIALS AND GRASSES	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	AS	Allium x 'Summer Beauty' / Summer Beauty Allium	#1	Min. 8"–18"	60
	HV	Heuchera villosa 'Autumn Bride' / Autumn Bride Hairy Alumroot	#1	Min. 8"–18"	10
	HH2	Hosta x 'Hadspen Blue' / Hadspen Blue Hosta	#1	Min. 8"–18"	11
	PV	Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass	#1	Min. 8"–18"	78
	PN	Panicum virgatum 'Northwind' / Northwind Switch Grass	#1	Min. 8"–18"	53
	PL	Perovskia atriplicifolia 'Little Spire' / Little Spire Russian Sage	#1	Min. 8"–18"	13
	SM	Sedum x 'Matrona' / Matrona Sedum	#1	Min. 8"–18"	29
	SH	Sporobolus heterolepis 'Tara' / Prairie Dropseed	#1	Min. 8"–18"	92
EVERGREEN SHRUBS	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	JS	Juniperus sabina 'Mini-Arcadia' / Mini Arcadia Juniper	#3	Min. 24" wide	13

PLANT SCHEDULE OFF-SITE

Ø1–DECIDUOUS TREES	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QTY
	AA	Acer rubrum 'Armstrong' / Armstrong Red Maple	B & B	2.5"Cal	3
Ø4–DECIDUOUS SHRUBS	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	CF	Cornus stolonifera 'Farrow' TM / Arctic Fire Red Twig Dogwood	#5	Min. 24" Ht.	13
	GLS	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	#3	Min. 24" wide	11
Ø6–PERENNIALS AND GRASSES	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	GC	Geranium x cantabrigiense 'Biokovo' / Biokovo Cranesbill	#1	Min. 8"–18"	15
	PN	Panicum virgatum 'Northwind' / Northwind Switch Grass	#1	Min. 8"–18"	50
	SH	Sporobolus heterolepis 'Tara' / Prairie Dropseed	#1	Min. 8"–18"	13
DECIDUOUS SHRUBS	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	AB	Aronia melanocarpa 'Morton' TM / Iroquis Beauty Black Chokeberry	#3	Min. 12"–24"	8

north

SCALE IN FEET

20' 0 20'

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P. 608.848.5060

CLIENT:
URBAN LEAGUE OF GREATER MADISON

CLIENT ADDRESS:
2222 S. PARK ST, STE 200
MADISON, WI 53713

PROJECT:
THE HUB - ULGM VILLAGER ON PARK

PROJECT LOCATION:
SOUTHEAST CORNER OF THE VILLAGER ON PARK

PLAN MODIFICATIONS:

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1	06.30.21	UDC INITIAL / FINAL
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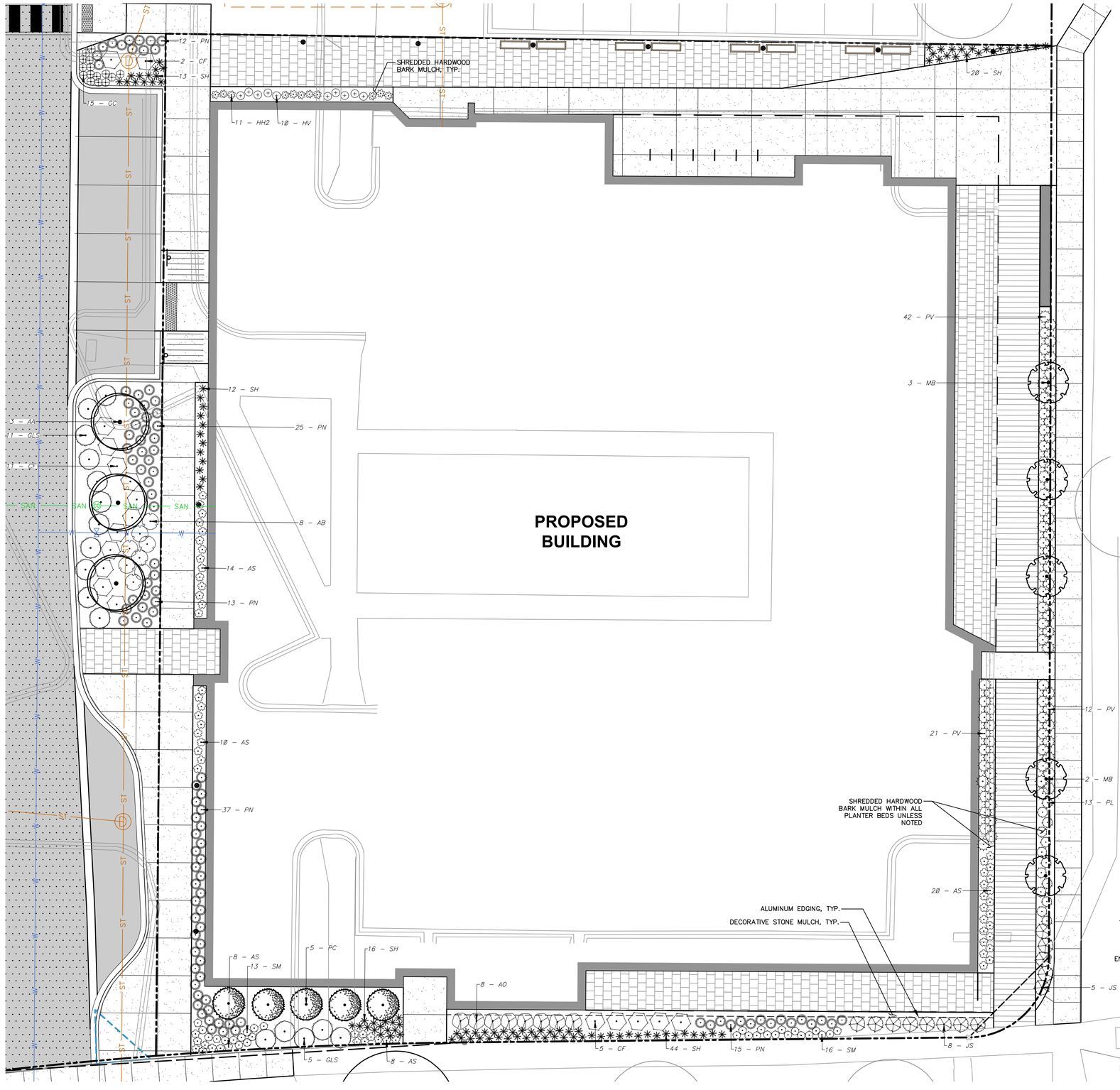
Designed By: MWS
Reviewed By: KJY
Approved By:

SHEET TITLE:
LANDSCAPE OVERALL PLAN

SHEET NUMBER:
L1.0

JSD PROJECT NO: 21-10695

File: I:\2021\21-10695\DWG\Landscape Sheets\21-10695 Landscape.dwg Layout: L1.0 LANDSCAPE PLAN User: kyvaska Plotted: Aug 03, 2021 - 2:59pm Xrefs: 21-10695 The HUB



PLANT SCHEDULE HUB SITE

Ø3–ORNAMENTAL TREES	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QTY
	MB	Malus x 'JFS KW214MX' TM / Ivory Spear Crabapple	B & B	1.25"Cal	5
Ø4 – UPRIGHT EVERGREEN SHRUB	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	PC	Pinus cembra 'Compacta Glauca' / Compact Blue Swiss Stone Pine	B & B	Min. 6' Ht.	5
Ø4–DECIDUOUS SHRUBS	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	AO	Amelanchier alnifolia 'Obelisk' TM / Standing Ovation Serviceberry	B & B	Min. 48" Ht.	8
	CF	Cornus stolonifera 'Farrow' TM / Arctic Fire Red Twig Dogwood	#5	Min. 24" Ht.	5
	GLS	Rhus aromatica 'Gro–Low' / Gro–Low Fragrant Sumac	#3	Min. 24" wide	5
Ø6–PERENNIALS AND GRASSES	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	AS	Allium x 'Summer Beauty' / Summer Beauty Allium	#1	Min. 8"–18"	68
	HV	Heuchera villosa 'Autumn Bride' / Autumn Bride Hairy Alumroot	#1	Min. 8"–18"	18
	HH2	Hosta x 'Hadspen Blue' / Hadspen Blue Hosta	#1	Min. 8"–18"	11
	PV	Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass	#1	Min. 8"–18"	78
	PN	Panicum virgatum 'Northwind' / Northwind Switch Grass	#1	Min. 8"–18"	53
	PL	Perovskia atriplicifolia 'Little Spire' / Little Spire Russian Sage	#1	Min. 8"–18"	13
	SM	Sedum x 'Matrona' / Matrona Sedum	#1	Min. 8"–18"	29
	SH	Sporobolus heterolepis 'Tara' / Prairie Dropseed	#1	Min. 8"–18"	92
EVERGREEN SHRUBS	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	JS	Juniperus sabina 'Mini–Arcadia' / Mini Arcadia Juniper	#3	Min. 24" wide	13

PLANT SCHEDULE OFF–SITE

Ø1–DECIDUOUS TREES	CODE	BOTANICAL / COMMON NAME	CONT	SIZE	QTY
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Ø4–DECIDUOUS SHRUBS	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	CF	Cornus stolonifera 'Farrow' TM / Arctic Fire Red Twig Dogwood	#5	Min. 24" Ht.	13
	GLS	Rhus aromatica 'Gro–Low' / Gro–Low Fragrant Sumac	#3	Min. 24" wide	11
Ø6–PERENNIALS AND GRASSES	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	GC	Geranium x cantabrigiense 'Biokovo' / Biokovo Cranesbill	#1	Min. 8"–18"	15
	PN	Panicum virgatum 'Northwind' / Northwind Switch Grass	#1	Min. 8"–18"	58
	SH	Sporobolus heterolepis 'Tara' / Prairie Dropseed	#1	Min. 8"–18"	13
DECIDUOUS SHRUBS	**CODE**	**BOTANICAL / COMMON NAME**	**CONT**	**SIZE**	**QTY**
	AB	Aronia melanocarpa 'Morton' TM / Iroquis Beauty Black Chokeberry	#3	Min. 12"–24"	8

north

SCALE IN FEET

10' 0 10'

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Designed By: MWS
Reviewed By: KJY
Approved By:

SHEET TITLE:
LANDSCAPE DETAILED PLAN

SHEET NUMBER:
L1.1

JSD PROJECT NO: 21-10695

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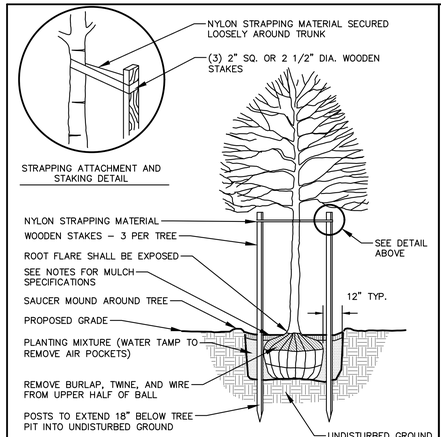


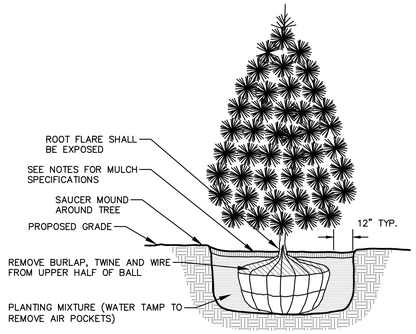
STRAPPING ATTACHMENT AND STAKING DETAIL

NOTE:
1. DIG HOLE NO DEEPER THAN BASE OF ROOT BALL TO FLARE. ROOT BALL TO BE SET ON UNDISTURBED SOIL UNLESS COMPACTED AGGREGATE STONE REMAINS FROM SITE EXCAVATOR. REMOVE REMAINING AGGREGATE STONE UNTIL SOIL LAYER IS REACHED.
2. REMOVE NYLON STRAPPING WITHIN 9–18 MONTHS FOLLOWING INSTALLATION

DECIDUOUS TREE PLANTING DETAIL

N.T.S.

REV. 01–04–2019

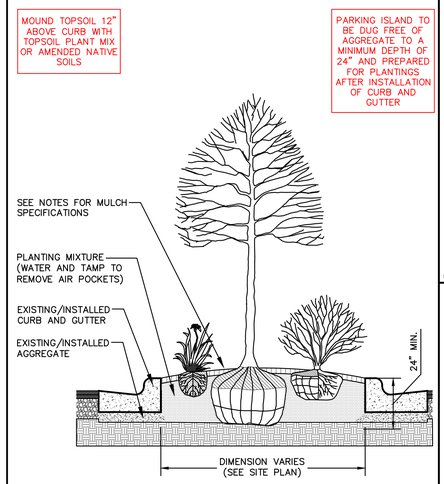


NOTE:
1. DIG HOLE NO DEEPER THAN BASE OF ROOT BALL TO FLARE. ROOT BALL TO BE SET ON UNDISTURBED SOIL UNLESS COMPACTED AGGREGATE STONE REMAINS FROM SITE EXCAVATOR. REMOVE REMAINING AGGREGATE STONE UNTIL SOIL LAYER IS REACHED

EVERGREEN TREE PLANTING DETAIL

N.T.S.

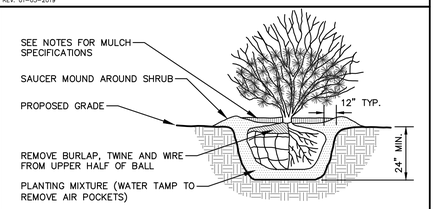
REV. 01–03–2019



PARKING ISLAND LANDSCAPE DETAIL

N.T.S.

REV. 01–03–2019

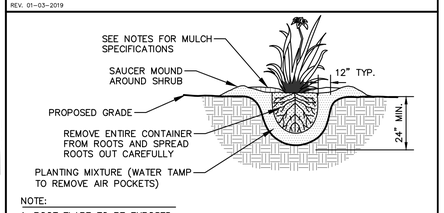


NOTE:
1. ROOT FLARE TO BE EXPOSED.

SHRUB PLANTING DETAIL

N.T.S.

REV. 01–03–2019



NOTE:
1. ROOT FLARE TO BE EXPOSED

PERENNIAL/ORNAMENTAL GRASS PLANTING DETAIL

N.T.S.

REV. 01–03–2019

CONTRACTOR AND OWNER RESPONSIBILITY NOTES

1. GUARANTEE: THE CONTRACTOR SHALL GUARANTEE ALL PLANTS THROUGH ONE (1) YEAR AFTER ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PLANTS SHALL BE ALIVE AND IN HEALTHY AND FLOURISHING CONDITION AT THE END OF THE GUARANTEE PERIOD. THE CONTRACTOR SHALL REPLACE (AT NO COST TO OWNER) ANY PLANTS THAT ARE DEAD OR NOT IN A VIGOROUS THRIVING CONDITION. REPLACEMENT PLANTS SHALL BE OF THE SAME KIND AND SIZE AS ORIGINALLY SPECIFIED UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE. RESTORE BEDS AS NECESSARY FOLLOWING PLANT REPLACEMENT, INCLUDING BUT NOT LIMITED TO BEDDING, EDGING, MULCH, ETC. REPLACE PLANTS DAMAGED AT TIME OF PLANTING. REPAIR AREAS DISTURBED IN ANY WAY DURING PLANT REPLACEMENT AT NO COST TO OWNER. CONTRACTOR SHALL PROVIDE A ONE (1)–YEAR STRAIGHTENING GUARANTEE FOR ALL TREES.
2. CONTRACTOR IS RESPONSIBLE FOR STAKING THE PLANT MATERIALS FOR REVIEW BY OWNER'S REPRESENTATIVE PRIOR TO DIGGING AND PLACEMENT AND SHALL COORDINATE ALL FINE GRADING AND RESTORATION WITH THE GRADING CONTRACTOR.
3. MAINTENANCE: (CONTRACTOR) FOR ALL PLANTINGS, SEEDED AND/OR SODDED LAWN AREAS: THE CONTRACTOR SHALL MAINTAIN ALL PLANTINGS AND LAWN AREAS FOR A MINIMUM TIME PERIOD OF 60 DAYS, UNTIL FINAL ACCEPTANCE BY OWNER'S REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY WATERING PLANTS AND LAWN/TURFGRASS DURING THIS 60 DAY ESTABLISHMENT PERIOD. CONTRACTOR IS RESPONSIBLE FOR THE ESTABLISHMENT OF HEALTHY VIGOROUS PLANT MATERIALS AND LAWN/TURFGRASS GROWTH. CONTRACTOR IS ALSO RESPONSIBLE FOR ANY PRUNING OF PLANT MATERIALS, AND SHAPING AND/OR REPLACEMENT OR SUPPLEMENT OF DEFICIENT SHREDDED HARDWOOD BARK MULCH DURING THIS PERIOD. LONG TERM PLANT MATERIALS AND LAWN/TURFGRASS MAINTENANCE AND ANY PROGRAM FOR SUCH IS THE RESPONSIBILITY OF THE OWNER. ALL PLANTINGS AND LAWN/TURFGRASS AREAS SHALL BE MAINTAINED IN A MANICURED CONDITION UNTIL THE TIME WHEN THE OWNER'S ACCEPTANCE IS GIVEN.
4. MAINTENANCE: (OWNER) THE OWNER IS RESPONSIBLE FOR THE CONTINUED MAINTENANCE, REPAIR AND REPLACEMENT OF ALL LANDSCAPING MATERIALS AND WEED BARRIER FABRIC AS NECESSARY FOLLOWING THE ONE (1) YEAR CONTRACTOR GUARANTEE PERIOD.

LANDSCAPE CALCULATIONS AND DISTRIBUTIONS

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot. There are three methods for calculating landscape points depending on the size of the lot and Zoning District.

(A) For all lots except those described in (B) and (C) below, five (5) landscape points shall be provided for each three hundred (300) square feet of developed area.

Total square footage of developed area: **6,608 SF**

Total landscape points required: **111 POINTS**

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

Total square footage of developed area: _____

Five (5) acres = _____

First five (5) developed acres = _____

Remainder of developed area: _____

Total landscape points required _____

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

Total square footage of developed area: _____

Total landscape points required: _____

TABULATION OF LANDSCAPE CREDITS AND POINTS

			CREDITS / EXISTING LANDSCAPING		NEW / PROPOSED LANDSCAPING	
PLANT TYPE/ELEMENT	MINIMUM INSTALLATION SIZE	POINTS	QUANTITY	POINTS ACHIEVED	QUANTITY	POINTS ACHIEVED
OVERSTORY DECIDUOUS TREE	2.5" CAL MIN.	35	0	0	0	0
TALL EVERGREEN TREE	5-6' TALL MIN.	35	0	0	0	0
ORNAMENTAL TREE	1.5" CAL MIN.	15	0	0	5	75
UPRIGHT EVERGREEN SHRUB	3-4' TALL, MIN.	10	0	0	5	50
SHRUB, DECIDUOUS	#3 CONT., MIN. 12"-24"	3	0	0	18	54
SHRUB, EVERGREEN	#3 CONT., MIN. 12"-24"	4	0	0	13	52
ORNAMENTAL GRASS & PERENNIAL	#1 CONT., MIN. 8"-18"	2	0	0	346	692
ORNAMENTAL / DECORATIVE FENCING OR WALL	4 POINTS / 10 LF	.4	0	0	0	0
EXISTING SIGNIFICANT SPECIMAN TREE	14 POINTS / CAL. (MAXIMUM 200 POINTS PER TREE)	14	0	0	0	0
LANDSCAPE FURNITURE	5 POINTS PER SEAT (WITHIN PUBLICALLY ACCESSIBLE DEVELOPED AREA. CANNOT COMPRISE MORE THAN 5% OF TOTAL REQUIRED POINTS)	5	0	0	0	0
		SUBTOTAL		**0**		**923**
		TOTAL NUMBER OF POINTS PROVIDED		**923**		

GENERAL NOTES

1. GENERAL: ALL WORK IN THE R–O–W AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS. JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES. LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO UTILITIES. CONTRACTOR MUST CALL 1–800–242–8511 FOR UTILITY LOCATIONS AT LEAST THREE DAYS PRIOR TO DIGGING. HAND DIG AND INSTALL ALL PLANTS THAT ARE NEAR EXISTING UTILITIES. PROTECT PREVIOUSLY INSTALLED WORK OF OTHER TRADES. CONTRACTOR IS RESPONSIBLE FOR STAKING THE PLANT MATERIALS FOR REVIEW BY OWNER PRIOR TO DIGGING AND PLACEMENT AND SHALL COORDINATE ALL FINE GRADING AND RESTORATION WITH THE GRADING CONTRACTOR.
2. DELIVERY AND HANDLING: DO NOT DELIVER MORE PLANT MATERIALS THAN CAN BE PLANTED IN ONE DAY, UNLESS ADEQUATE, APPROPRIATE AND SECURE STORAGE IS PROVIDED AND APPROVED BY OWNER'S REPRESENTATIVE. AT ALL TIMES, PROTECT ALL PLANT MATERIALS FROM WIND AND DIRECT SUN. DELIVER PLANTS WITH LEGIBLE IDENTIFICATION LABELS. PROTECT PLANTS DURING DELIVERY AND DO NOT PRUNE PRIOR TO DELIVERY. ALL TREES AND SHRUBS SHALL BE PLANTED ON THE DAY OF DELIVERY; IF THIS IS NOT POSSIBLE, PROTECT THE PLANT MATERIALS NOT PLANTED BY STORING THEM IN A SHADED, SECURE AREA, PROTECTING THE ROOT MASS WITH WET SOIL, MULCH, HAY OR OTHER SUITABLE MEDIUM. CONTRACTOR TO KEEP ALL PLANT MATERIALS ADEQUATELY WATERED TO PREVENT ROOT DESICCATION. DO NOT REMOVE CONTAINER GROWN STOCK FROM CONTAINERS BEFORE TIME OF PLANTING. DO NOT PICK UP CONTAINER OR BALLED PLANTS BY STEM OR ROOTS. ALL PLANTS SHALL BE LIFTED AND HANDLED FROM THE BOTTOM OF THE CONTAINER OR BALL. PERFORM ACTUAL PLANTING ONLY WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE IN ACCORDANCE WITH LOCALLY ACCEPTED BEST HORTICULTURAL PRACTICES.
3. MATERIALS – PLANTS: ALL PLANTS SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1. PLANTS SHALL BE TRUE TO SPECIES AND VARIETY SPECIFIED AND NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST 2 YEARS. PLANTS SHALL BE FRESHLY DUG DURING THE MOST RECENT FAVORABLE (WEST SEASON). PLANTS SHALL BE SO TRAINED IN DEVELOPMENT AND APPEARANCE AS TO BE UNQUESTIONABLY SUPERIOR IN FORM, COMPACTNESS, AND SYMMETRY. PLANTS SHALL BE SOUND, HEALTHY, VIGOROUS, WELL BRANCHED AND DENSELY FOLIATED WHEN IN LEAF, AND FREE OF DISEASE AND INSECTS (ADULT EGGS, PUPAE OR LARVAE). THEY SHALL HAVE HEALTHY, WELL–DEVELOPED ROOT SYSTEMS AND SHALL BE FREE FROM PHYSICAL DAMAGE OR OTHER CONDITIONS THAT WOULD PREVENT THRIVING GROWTH OR PREMATURE MORTALITY. PLANTS SHALL BE OF THE HIGHEST QUALITY, POSSESS TYPICAL GROWTH HABITS AND FORM FOR THEIR SPECIES AND BE FREE OF INJURY. PARKWAY TREES AND PARKING LOT TREES SHALL HAVE A MINIMUM BRANCHING HEIGHT OF SIX (6) FEET ABOVE THE GROUND TO ALLOW ADEQUATE VISUAL AND PHYSICAL CLEARANCE.
4. PRUNING: THE CONTRACTOR SHALL PRUNE ALL TREES AND REPAIR ANY INJURIES THAT OCCURRED DURING THE PLANTING PROCESS. DOUBLE LEADERS, DEAD BRANCHES, AND LIMBS DAMAGED OR BROKEN DURING THE PLANTING PROCESS, SHALL BE PRUNED. THIS SHALL BE THE ONLY PRUNING ALLOWED AT PLANTING. PRUNING SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN STANDARD FOR TREE CARE OPERATIONS, ANSI A300. PRUNE TREES IN ACCORDANCE WITH NAA GUIDELINES. DO NOT TOP TREES. PRUNE SHRUBS ACCORDING TO STANDARD HORTICULTURAL PRACTICES. ON CUTS OVER 3/4" IN DIAMETER AND BRUISES OR SCARS ON BARK, TRACE THE INJURED CAMBIUM LAYER BACK TO LIVING TISSUE AND REMOVE. SMOOTH AND SHAPE WOUNDS SO AS NOT TO RETAIN WATER. TREAT THE AREA WITH AN APPROVED INCONSPICUOUS LATEX BASED ANTISEPTIC TREE PAINT, IF PRUNING OCCURS "IN SEASON". DO NOT PRUNE ANY OAK TREES DURING THE MONTHS FROM APRIL TO OCTOBER.
5. CLEANUP: THE WORK AREA SHALL BE KEPT SAFE AND NEAT AT ALL TIMES. DISPOSED OF EXCESS SOIL. REMOVE ALL CUTTINGS AND WASTE MATERIALS. SOIL AND BRANCHES. BIND AND WRAP THESE MATERIALS, ANY REJECTED PLANTS, AND ANY OTHER DEBRIS RESULTING FROM ALL PLANTING TASKS AND PROMPTLY CLEAN UP AND REMOVE FROM THE PROJECT SITE. UNDER NO CIRCUMSTANCES SHALL THE ACCUMULATION OF SOIL, BRANCHES OR OTHER DEBRIS BE ALLOWED UPON A PUBLIC PROPERTY IN SUCH A MANNER AS TO RESULT IN A PUBLIC SAFETY HAZARD OR DAMAGE. LIKEWISE, UNDER NO CIRCUMSTANCES SHALL ANY DEBRIS OR INCIDENTAL MATERIALS BE ALLOWED UPON ADJACENT PRIVATE PROPERTY.
6. ANY SUBSTITUTIONS IN PLANT TYPE, LOCATION, OR SIZE SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
7. CONTRACTOR TO VERIFY PLANT MATERIAL QUANTITIES AND SQUARE FOOTAGES. QUANTITIES SHOWN ON PLAN TAKE PRECEDENCE OVER THOSE ON SCHEDULE.

LANDSCAPE MATERIAL NOTES

1. MATERIALS – PLANTING MIXTURE: ALL HOLES EXCAVATED FOR TREES, SHRUBS, PERENNIALS AND ORNAMENTAL GRASSES SHALL BE BACKFILLED WITH TWO (2) PARTS TOPSOIL, ONE (1) PART SAND AND ONE (1) PART COMPOST. SOIL MIXTURE SHALL BE WELL BLENDED PRIOR TO INSTALLATION.
2. MATERIALS – TOPSOIL: TOPSOIL TO BE CLEAN, FRIABLE LOAM FROM A LOCAL SOURCE, FREE FROM STONES OR DEBRIS OVER 3/4" IN DIAMETER, AND FREE FROM TOXINS OR OTHER DELETERIOUS MATERIALS. TOPSOIL SHALL HAVE A pH VALUE BETWEEN 6 AND 7. TOPSOIL AND PLANTING SOIL SHALL BE TESTED TO ENSURE CONFORMANCE WITH THESE SPECIFICATIONS AND SHALL BE AMENDED TO MEET THESE SPECIFICATIONS. PROVIDE TEST RESULTS TO OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT. DO NOT PLACE FROZEN OR MUDDY TOPSOIL. APPLY SOIL AMENDMENTS TO ALL LANDSCAPE AREAS PER SOIL TEST.
3. MATERIALS – STONE MULCH: ALL PLANTING AREAS LABELED ON PLAN SHALL RECEIVE 1–1/2" EAU CLAIRE RIVER STONE MULCH SPREAD TO A MINIMUM AND CONSISTENT DEPTH OF 3–INCHES. FERTILIZER SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY AND STATE REQUIREMENTS. STONE MULCH AREAS SHALL RECEIVE WOVEN WEED BARRIER FABRIC. NO PLASTIC/IMPERVIOUS BARRIERS WILL BE PERMITTED. EXAMPLE: BLACK VISQUEEN.
4. MATERIALS – SHREDDED HARDWOOD BARK MULCH: ALL PLANTING AREAS LABELED ON PLAN SHALL RECEIVE CERTIFIED WEED FREE SHREDDED HARDWOOD BARK MULCH (COLOR: BROWN) INSTALLED TO A MINIMUM AND CONSISTENT DEPTH OF 3–INCHES. SHREDDED HARDWOOD BARK MULCH SIZE & COLOR TO BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. FERTILIZER SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY AND STATE REQUIREMENTS. SHREDDED HARDWOOD BARK MULCH AREAS SHALL NOT RECEIVE WOVEN WEED BARRIER FABRIC.
5. MATERIALS – TREE & SHRUB RINGS: ALL TREES AND/OR SHRUBS PLANTED IN SEEDED LAWN AREAS TO BE INSTALLED WITH A MINIMUM 4' DIAMETER SHREDDED HARDWOOD BARK MULCH TREE RING SPREAD TO A CONSISTENT DEPTH OF 3–INCHES. ALL TREE RINGS SHOULD BE INSTALLED WITH A 5" DEPTH SHOVEL CUT EDGE, ANGLED 45 DEGREES INTO SOIL AT A 5' DIAMETER ABOUT THE CENTER OF THE TREE PLANTING. A PRE–EMERGENT GRANULAR HERBICIDE WEED–PREVENTER SHOULD BE MIXED WITH MULCH USED TO INSTALL TREE RING AS WELL AS TOPICALLY APPLIED TO COMPLETED INSTALLATION OF TREE RING.
6. MATERIALS – ALUMINUM EDGING: EDGING SHALL BE 1/8" X 4", ALUMINUM EDGING, MILL FINISH. OWNER'S REPRESENTATIVE SHALL APPROVE PRODUCT SPECIFICATION PROVIDED BY LANDSCAPE CONTRACTOR.
7. MATERIALS – TREE PROTECTION: ALL TREES TO BE INSTALLED WITH LDPE TREE GUARDS AS MANUFACTURED BY A.M. LEONARD HORTICULTURAL TOOL & SUPPLY CO., OR APPROVED EQUAL.
8. MATERIALS – TURFGRASS SEED: DISTURBED LAWN AREAS LABELED ON PLAN AS SUCH, SHALL RECEIVE 6" OF TOPSOIL AND EARTH CARPET'S "MADISON PARKS" GRASS SEED, OR EQUIVALENT AS APPROVED BY THE OWNER'S REPRESENTATIVE, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. IN ADDITION TO TURFGRASS SEED, ANNUAL RYE SHALL BE APPLIED TO ALL DISTURBED AREAS AT A RATE OF 1 1/2 LBS PER 1000 SQUARE FEET. FERTILIZE AND MULCH PER MANUFACTURER'S RECOMMENDATIONS. MULCH SHALL BE CERTIFIED NOXIOUS WEED SEED–FREE

DIGGERS HOTLINE
Toll Free (800) 242-8511

JSD Professional Services, Inc.
Engineers • Surveyors • Planners
CREATE THE VISION TELL THE STORY
MADISON | MILWAUKEE | WAUSAU
APPLETON | KENOSHA | CHICAGO
COEUR D'ALENE
MADISON REGIONAL OFFICE
161 HORIZON DRIVE, SUITE 101
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:
URBAN LEAGUE OF GREATER MADISON

CLIENT ADDRESS:
2222 S. PARK ST, STE 200
MADISON, WI 53713

PROJECT:
THE HUB - ULGM VILLAGER ON PARK

PROJECT LOCATION:
SOUTHEAST CORNER OF THE VILLAGER ON PARK

PLAN MODIFICATIONS:

#	Date:	Description:
1	06.30.21	UDC INITIAL / FINAL
2	08.03.21	UDC RESUBMITTAL
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Designed By: MWS
Reviewed By: KJY
Approved By:

SHEET TITLE:
LANDSCAPE DETAILS & NOTES

SHEET NUMBER:
L2.0

JSD PROJECT NO: 21-10695

File: I:\2021\21106950\DWG\Landscape Sheets\21-10695 Landscape.dwg Layout: L2.0 DETAILS & NOTES User: kyeska Plotted: Aug 03, 2021 - 3:20pm Xref's: 2110695 The HUB


ARMSTRONG MAPLE


ARCTIC FIRE DOGWOOD

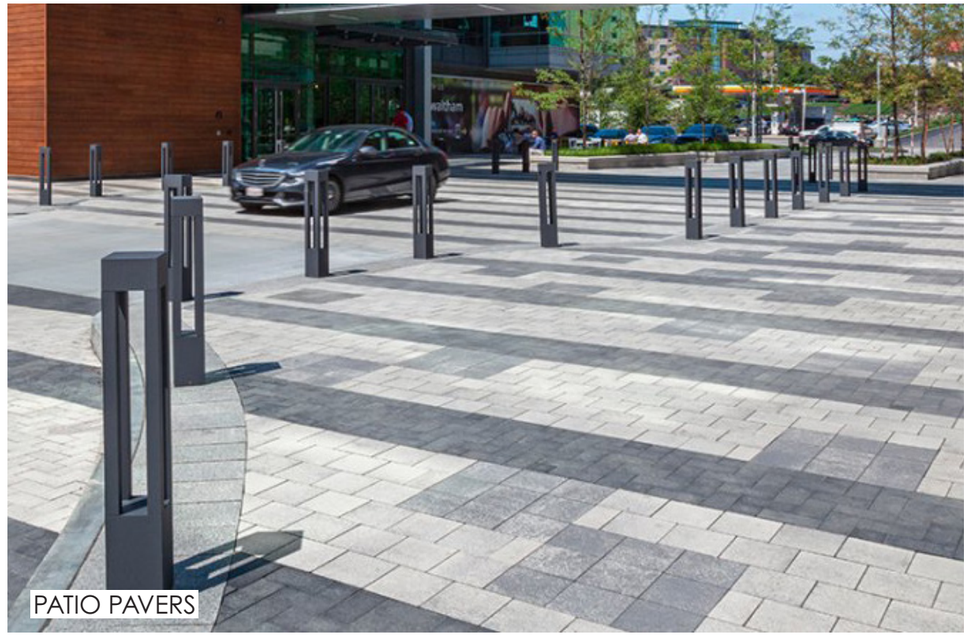

SHENANDOAH SWITCHGRASS


IVORY SPEAR CRABAPPLE


LITTLE SPIRE RUSSIAN SAGE


STANDING OVATION SERVICEBERRY


NORTHWIND SWITCHGRASS


PATIO PAVERS


SWISS STONE PINE

THE HUB

LANDSCAPE DESIGN IMAGES

MADISON, WI **DATE: 08/03/2021**

JSD Professional Services, Inc.
• Engineers • Surveyors • Planners

FCBT690

Date:	Approved:
Type:	
Fixture:	
Project:	

FCBT690 Exterior die-cast aluminum bollard with right angle head position tower. Available in 42" and 36" height. Designed and built to illuminate the ground and/or pathways safely without glare. FCBT690 has an extremely wide-throw beam pattern covering 30'–35' wide and still measuring greater than 1 foot candle. It also has a forward throw of approximately 14 feet. Matches up with FCBT690S, 24" high version.

SPECIFICATIONS

PHYSICAL

dimensions	42"H or 36"H x 8"W x 9"D at top (3"D at base)
weight	12 lbs
housing	marine grade, corrosion resistant, heavy guage aluminum
lens	impact resistant, UV stabilized, clear, polycarbonate diffuser
mounting	heavy gauge base bracketing for bollard installation provides a unique mounting solution, so the tower body anchors flush to the ground without the appearance of a base plate, anchor bolts inlcuded (j-box by others)
ingress protection	IP66: dry, damp, or wet locations with extruded silicone gasket to seal out contaminants
finish	Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE

color temperature	2700K	3000K	3500K	4000K
lumen output offerings	479 lm	958 lm	1436 lm	1915 lm
lifetime	> 70,000 hours / L70 or better			
color consistency	3 SDCM / 85 CRI			
operating temperature	-49°F to 104°F (-45°C to 40°C)			
junction temperature	73°C @ T_A 25°C			
warranty	5-Year limited warranty (refer to website for details)			

ELECTRICAL

input voltage	Universal 120-277VAC I optional: 347 VAC (integral) I 480 VAC (integral)
power supply	Integral Class II, electronic, high power factor > 94% @120V
certification	ETL/cETL Listed
standards	UL1598 / CSA C22.2 No. 250.0; UI 8750 / CSA C22.2 No. 250.13 / IES LM-79 / LM-80
power consumption	7W (479 lm) minimum, 26W (1915 lm) maximum
dimming	**standard:** 0-10V (10%) I **optional:** ELV (120V only) / DMX (integral) / DALI (integral)

QUICK SHIP PRODUCT *visit fclighting.com*

Ordering Information

ORDERING INFORMATION

FCBT690						
SERIES	**VOLTAGE**	**HEIGHT**	**CCT**	**LUMENS**	**FINISH**	**OPTIONS**
FCBT690	**UNV** UNV 120V-277V	**42** 42”	**27K** 2700K	**5L** 479 lm (7W)	**BK** Black	**CD** Cane Detector
	347V 347V AC *(Integral)*	**36** 36”	**3K** 3000K	**10L** 958 lm (13W)	**BZ** Bronze	**LD** 0-10V Dimming (Standard)
	480V 480V AC *(Integral)*		**35K** 3500K	**14L** 1436 lm (20W)	**SL** Silver	**ELV** ELV Dimming *(120 Only)*
			4K 4000K	**19L** 1915 lm (26W)	**WH** White	**DMX** DMX Dimming *(Integral)*
					CC Custom Color	**DALI** DALI Dimming *(Integral)*
						SP20 20kV Surge Protector
						BBU Battery Backup, Integral (Not w/ ELV)
						SP20-BBU (2) 20kV Surge Protectors (1/LED driver, 1/BBU) and Battery Backup (Integral)
						HS 180° House Shield
						HS2 270° House Shield

Consult Factory for other options and configurations.

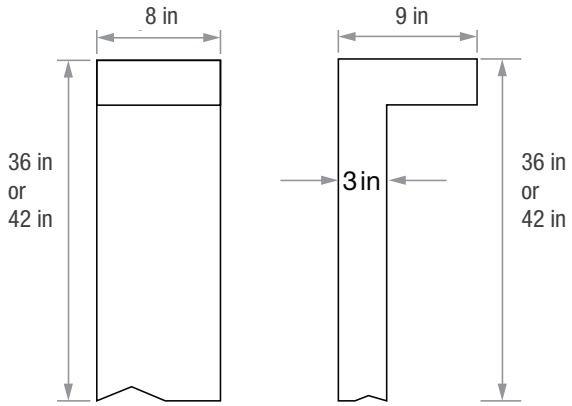
To ensure you receive proper configurations for your lighting specifications, contact us directly about any unique application requirements. This may include but not be limited to lumen output, mounting needs, or electrical components.

QUICK SHIP PRODUCT *visit fclighting.com*

FCBT690

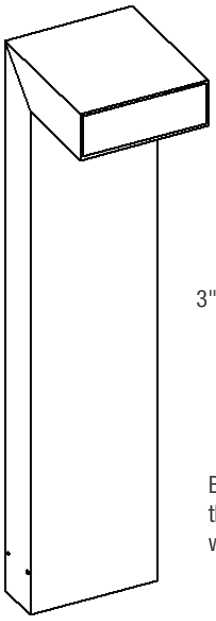
Physical

PRODUCT DIMENSIONS - STANDARD PRODUCT	
height	42"H or 36"H
width	8" W
depth	9" D top
depth	3" D base

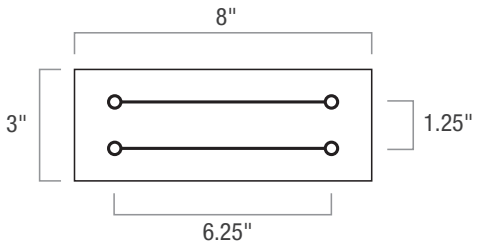


MOUNTING	
mounting plate depth	3" D
mounting plate width	8" W
anchor bolt size	3/8"Ø x 12"L x 2"Tang

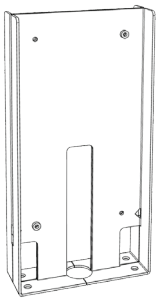
Anchor Bolt Part #	94523B-4
Quantity Required	4 for each bollard



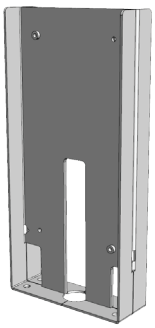
mounting hole pattern



Bollard uniquely attaches flush at the base to the mounting surface with no visual sign of a base plate.

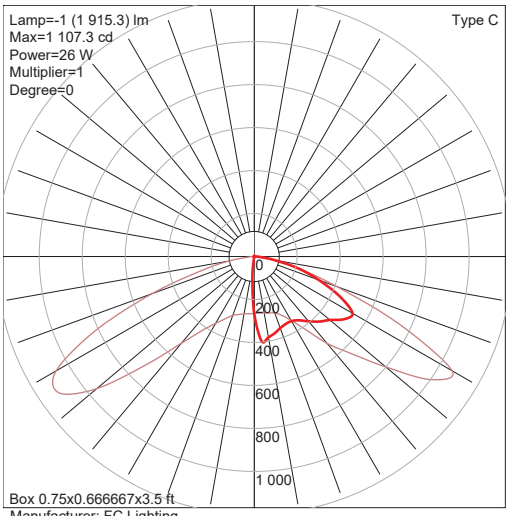


Base Mount Detail



Photometry & Accessories

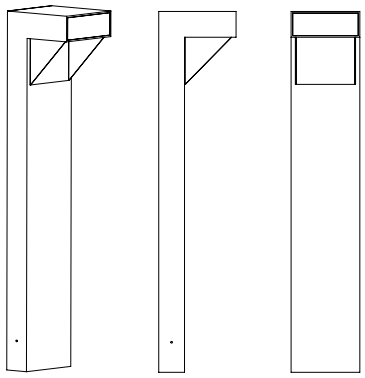
OPTICAL DISTRIBUTION



ACCESSORIES

FIND IES FILES ON FCLIGHTING.COM

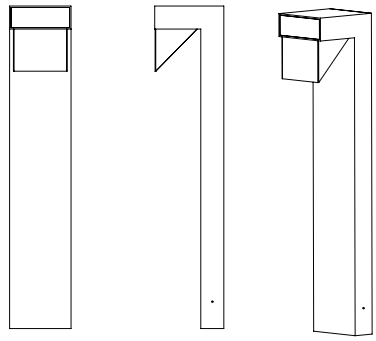
HS - House Shield that blocks light out the sides



Use the 180° House Side Shield (HS) to protect beach side areas where fixtures are installed.

HS Height: 5.5" H

HS2 - House Shield that blocks light out the front

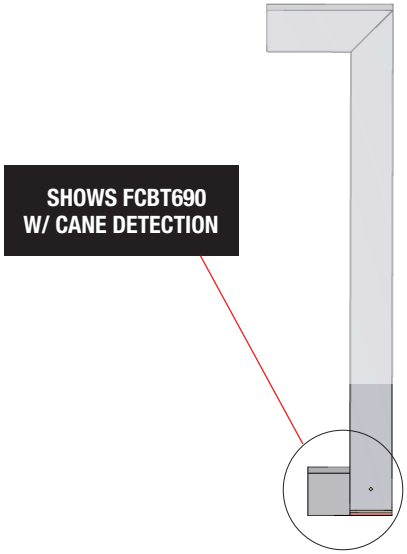


Use the (HS2) front House Shield to protect beach side areas where fixtures are installed.

HS Height: 5.5" H

CD - Cane Detector

foot depth	add 3" D at column base
foot width	8" W



Liteline

LUNA

2" Fixed Square, 470-560 Lumens, 7W, Color Selectable / Dim-To-Warm

Recessed Downlighting

Job Information		
Project Name		Type
Location		
Quantity		Date
Contact/Phone		
Notes		

Features

Body
Durable airtight aluminum body with anodized blue heat sink to provide maximum airflow for the LED light source. On-fixture color selectable switch allows switching between 2700 K, 3000 K, 3500 K, 4000 K and 5000 K color temperatures.

LED Characteristics
This general application light fixture features a 7 watt LED module that maintains uniform intensity producing up to 560 lumens; with a typical CRI of 90. Available in color selectable or a Dim-to-Warm module (3000 K ~ 2000 K).

Dimming
100%-10% dimming capability. This fixture is compatible with industry standard forward-phase / reverse-phase dimmers (contact factory for list of compatible dimmers). Dim-to-Warm offers color temperature dimming from 3000 K to 2000 K.

Beam Spread
The fixture lens provides 40° beam spread.

Mounting
Includes two spring loaded clips to attached to any ceiling material. Optional pre-mounting plate available for new construction applications.

LED Driver
Extruded aluminum hardwire box with 170mA dimmable class II electronic LED driver with 100-135V AC input. Includes an 18" FT6 rated cable with DC 2.1 connector between driver and fixture approved for use in plenums and suspended ceilings.

Quick Connect push-in terminals
Three "Quick connect" push-in terminals in LED driver compartment for fast and easy wiring.

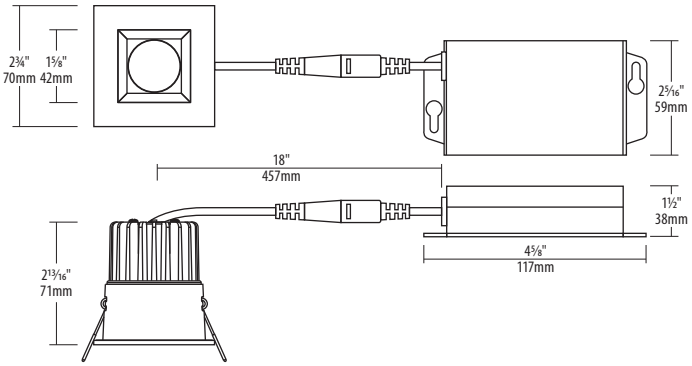
Minimum Starting Temperature
-40°C (-40°F)

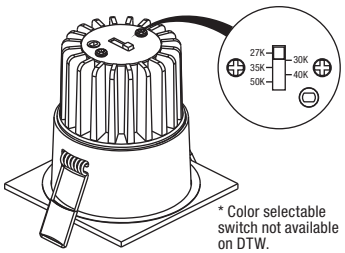
Environment
- Suitable for wet locations.
- Suitable for indoor/outdoor applications.
- Approved for direct contact with insulation.
- Airtight

SPECIFICATION	
Application	Ceiling Recess Mount
Approved Location	Wet / Insulated Ceilings
Beam Angle	40°
CCT (color selectable)	2700 K / 3000 K / 3500 K / 4000 K / 5000 K
CCT (DTW)	Dim-to-Warm (3000 K ~ 2000 K)
Certification	cETLus
Class II	Yes
Color	BK / BN / WH
CRI	90
Dimming	Yes
Dimming Tech	Forward/reverse-phase
Energy Star	Yes*
Hole Cut	Ø 2½" (64mm)
Input	100-135V AC, 60Hz
Lumens	Up to 560
Lumens per Watt	Up to 77
Power Factor	0.9
Projected Life	70% @ 50,000 hrs
Warranty	Lifetime
Wattage	7W

* Energy star for color selectable models only.

CCT	LUMEN OUTPUT
2700 K	470
3000 K	500
3500 K	540
4000 K	560
5000 K	550
DTW	530





* Color selectable switch not available on DTW.

Description

Evolved to be a flexible, low-glare, and aesthetically pleasing luminaire, the LUNA Series offers contractors, builders, homeowners and designers, a fixture with regressed optics and color selectable CCT abilities, to promote on-site flexibility, while enhancing sleek, directional lighting in both commercial and residential spaces.

CCT 5

Intertek · ENERGY STAR · LIFETIME · IC RATED · JA8 TITLE 24 · WET LOCATION ENDROITS MOUILLÉS · AIR TIGHT

Notes: Accessories are sold separately. For additional options please consult your Liteline representative.
Due to our continued efforts to improve our products, product specifications are subject to change without notice.

Ordering Guide

RA2S-7F - [ ] **90** [ ]

Color Temp.
Leave blank for color selectable
DTW : Dim-to-Warm

Trim Finish
BK : Black
BN : Brushed Nickel
WH : White

Liteline Corporation

Telephone
416.996.1856
1.866.730.7704

Fax
905.709.5255
1.888.738.9736

LITELINE.COM

Accessories

SLM-60-FC
60" Flexible connector, for use with SlimLED fixtures.

P-2510
2½" Round pre-mounting plate with driver attachment clip, for 2" LUNA LED fixtures.

P-NCMK-1
New construction mounting kit. Includes hanger bars, brackets and screws.

VBE-1
Vapour barrier extender. For use in new construction applications.

VBE-2
Vapour barrier extender. For use in remodel applications.

VBE-5
Vapour barrier extender. For use in new construction applications.

LC-CRTL-3WAY-1
OnCloud Smart Wi-Fi 3-Way Switch, compatible with WiZ App.

LC-CRTL-DIM-1
OnCloud Smart Wi-Fi dimmer, 120V, compatible with WiZ App.

GEN LED acolyte®
Architectural Lighting Solutions

Date | Project

Notes

AS3 CHANNEL FIXTURE

AS3 Channel Fixture is a wide, low profile channel, the widest of the AS series. The 120-degree beam angle creates a wide, even spread of light and is ideal for cove applications, specifically when using our double row RibbonLyte. This can be used in conjunction with our tiltable stands, and includes a choice of clear, frosted or milky lens. Custom design a fixture with our AS3 Channel Fixture and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 120°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 8.8 W/ft (28.9 W/m)
- Static White delivered lumen range from 85 lm/ft (279 lm/m) up to 729 lm/ft (2391 lm/m)
- Available in silver, white, black or custom colors
- Assembled in USA

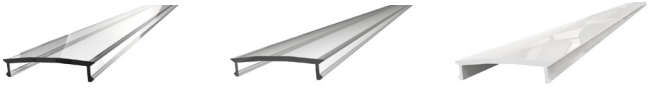
HOUSING FINISHES

Silver
Default finish

Black

White

AVAILABLE LENS FINISHES



Clear Lens
92% Light Transmission

Frosted Lens
85% Light Transmission

Milky Lens
70% Light Transmission

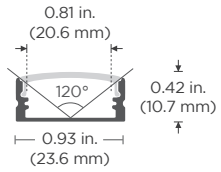
AVAILABLE COLORS & COLOR TEMPERATURES

QuickShip

5-Day QuickShip program available with Clear, Frosted & Milky lenses and the following RibbonLyte products only:
IP20 & IP65 1.5 Static White RibbonLyte from 2700K to 4000K / 3.0 & 4.4 Static White RibbonLyte: IP20 from 2400K to 4000K, IP65 from 2700K to 3500K, IP68 3000K & 3500K / 5.0 Static White RibbonLyte: IP20 from 2700K to 4000K, IP65 3000K, IP68 3000K & 3500K / 6.0 Static White RibbonLyte: IP20 & IP65 2700K to 4000K, IP68 3000K & 3500K / IP20 3.0 Static White Matrix RibbonLyte from 2400K to 4000K / IP20 3.0 RGB Matrix RibbonLyte / IP20, IP65 & IP68 4.4 RGB RibbonLyte / IP20 4.4 RGBW/A RibbonLyte / IP20 5.5 4-in-1 RGBW+4000K RibbonLyte / IP65 & IP68 5.5 4-in-1 RGBW+3000K / IP20 1.0, 3.0, 6.0 Variable White RibbonLyte / IP20 & IP65 5.2 Warm Dim RibbonLyte

DIMENSIONS

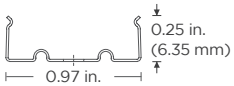
AS3 Channel



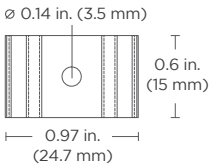
Width: 0.93 in. (23.6 mm)
Height: 0.42 in. (10.7 mm)
Internal Width: 0.81 in. (20.6 mm)

Mounting Clip (Included Accessory)

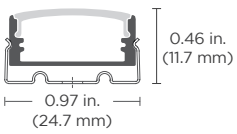
Side View



Top View



Assembled View



Width: 0.6 in. (15 mm)
Length: 0.97 in. (24.7 mm)
Height: 0.25 in. (6.35 mm)

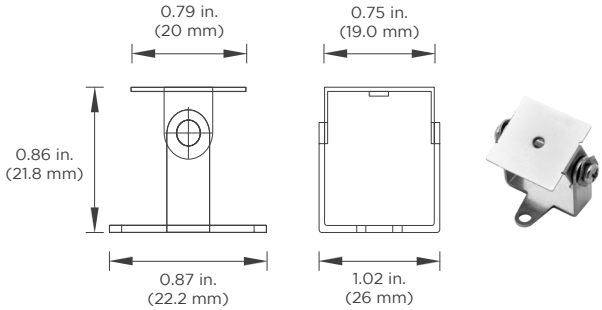
Note:
1. Each section of channel includes 3 mounting clips.
2. Magnetic mounting option available (see page 2)

SPECIFICATIONS

Beam Angle	120°
Lens Type	Clear Lens, Frosted Lens, Milky Lens
Length	Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.
Operating Voltage	24V
Dimming	MLV / 0-10 Volt / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGB, RGBW, RGBA, VW, Warm Dim (1800K, 2000K, 2200K only available in IP20)
CRI	90+ CRI (Static white only)
Lamp Life	L70 at 50,000 Hours
MacAdam Ellipses (SDCM)	2-Step Binning (For Static White LEDs only)
Certifications	ETL Listed: UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaries; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant UL 2108 - Low Voltage Lighting Systems UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires

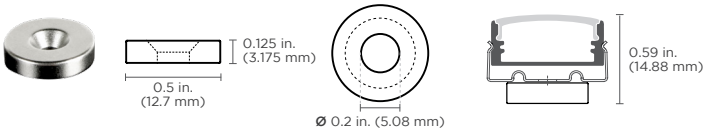
ACCESSORIES

Tiltable Stand (Part # TILTSTANDST)



Assembled Height with Channel: 1.32 in. (33.5 mm)

Magnetic Mount (Part #: CHMAG0.5)



Features:
- High-energy neodymium magnets come attached to mounting clips with countersink hex nuts
- Create easy-mount magnetic channels with minimal surface gaps; no tools or drilling necessary
- Magnets rated for 8 lbs. of pull force with static load

Applications:
- Industrial lighting retrofits for troffers and other metal fixtures
- Metal retail shelf lighting
- Temporary light fixture installations

GEN LED acolyte® Architectural Lighting Solutions

ORDERING GUIDE

STEP 1 Complete Channel Part Number

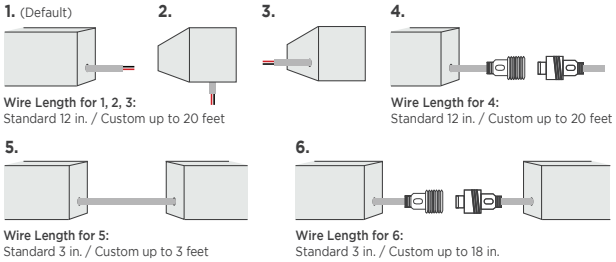
CHANNEL	LENS		HOUSING COLOR	
CHAS3				
CHAS3 - AS3 Channel	**C** - Clear Lens*	**M** - Milky Lens	**SV** - Silver (default)	**WH** - White
	F - Frosted Lens	* Clear lens is the default option if not specified.	**BK** - Black	
			Consult factory for custom colors	

STEP 2 Complete RibbonLyte Part Number

CATEGORY	CRI	RIBBON TYPE & IP RATING		
RB				
RB - RibbonLyte	**0** - Static Color, Color Changing	**SWS220** - Static White Series 2 IP20	**VWS220** - VW Series 2 IP20	**RGBWA20** - RGBW/A IP20
	90 - 90+ CRI Static White	**SWS265** - Static White Series 2 IP65	**VWS265** - VW Series 2 IP65	**RGBWA65** - RGBW/A IP65
		SWS268 - Static White Series 2 IP68	**VWS268** - VW Series 2 IP68	**RGBWA68** - RGBW/A IP68
		SCS220 - Static Color Series 2 IP20	**RGB20** - RGB IP20	**WD20** - Warm Dim IP20
		SCS265 - Static Color Series 2 IP65	**RGB65** - RGB IP65	**WD65** - Warm Dim IP65
		SCS268 - Static Color Series 2 IP68	**RGB68** - RGB IP68	**WD68** - Warm Dim IP68

WATTAGE	COLOR	
0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)	**18** - 1800K	**VW** - Variable White
1.0 - 1.0 W/ft (3.3 W/m - Variable White)	**20** - 2000K	**RGB** - Red, Green, Blue
1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)	**22** - 2200K	**RGB30** - Red, Green, Blue + 3000K
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color, RGB)	**24** - 2400K	**RGB40** - Red, Green, Blue + 4000K (5.5W only)
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)	**27** - 2700K	**RGB60** - Red, Green, Blue + 6000K
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGB, RGBW/RGBA)	**30** - 3000K	**RGBA** - Red, Green, Blue + Amber
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)	**35** - 3500K	**2920** - Warm Dim 2900K - 2000K (IP20)
5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)	**40** - 4000K	**2721** - Warm Dim 2700K - 2100K (IP65+IP68)
5.5 - 5.5 W/ft (18.0 W/m - RGBW/RGBA)	**60** - 6000K	**Z** - Undecided**
6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)	**R** - Red	** For quotes only. Must be chosen before final order.
8.8 - 8.8 W/ft (28.9 W/m - RGB)	**A** - Amber	
	G - Green	
	B - Blue	

CONNECTION OPTIONS (See diagrams on the right)		Custom Length (ft.)
1 - End Feed Bare Wire Connection	**4** - End Feed with IP67 Male Coupler	
2 - Back Feed Bare Wire Connection	**5** - Soldered Daisy Chain	
3 - Side Feed Bare Wire Connection	**6** - Daisy Chain With IP67 Couplers	



STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 78 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly	

STEP 4 Add Accessories

ACCESSORIES	
TILTSTANDST - Tiltable Stand	**CHMAG0.5** - Magnetic Mount

SPECIFICATIONS

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Standard Cable Length	Compatible with Channel		
									IP20	IP65	IP68
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	58 lm/ft (190.3 lm/m)	53.6 lm/ft (175.8 lm/m)	44.1 lm/ft (144.6 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2000K	99	68.3 lm/ft (224 lm/m)	63.1 lm/ft (207 lm/m)	52 lm/ft (170.6 lm/m)				
			2200K	109	75.2 lm/ft (246.7 lm/m)	69.5 lm/ft (228 lm/m)	57.2 lm/ft (187.6 lm/m)				
			2400K	113	78 lm/ft (255.8 lm/m)	72.0 lm/ft (236.2 lm/m)	59.3 lm/ft (194.5 lm/m)				
			2700K	123	84.9 lm/ft (278.5 lm/m)	78.4 lm/ft (257.2 lm/m)	64.6 lm/ft (211.9 lm/m)				
			3000K	123	84.9 lm/ft (278.5 lm/m)	78.4 lm/ft (257.2 lm/m)	64.6 lm/ft (211.9 lm/m)				
			3500K	130	89.7 lm/ft (294.2 lm/m)	82.9 lm/ft (272 lm/m)	68.3 lm/ft (224 lm/m)				
			4000K	134	92.5 lm/ft (303.4 lm/m)	85.4 lm/ft (280.1 lm/m)	70.4 lm/ft (230.9 lm/m)				
			6000K	131	90.4 lm/ft (296.5 lm/m)	83.5 lm/ft (273.9 lm/m)	68.8 lm/ft (225.7 lm/m)				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	115.9 lm/ft (380.2 lm/m)	107.1 lm/ft (351.3 lm/m)	88.2 lm/ft (289.3 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2000K	98	135.2 lm/ft (443.5 lm/m)	125 lm/ft (410 lm/m)	102.9 lm/ft (337.5 lm/m)				
			2200K	109	150.4 lm/ft (493.3 lm/m)	139 lm/ft (455.9 lm/m)	114.5 lm/ft (375.6 lm/m)				
			2400K	113	155.9 lm/ft (511.4 lm/m)	144.1 lm/ft (472.6 lm/m)	118.7 lm/ft (389.3 lm/m)				
			2700K	123	169.7 lm/ft (556.6 lm/m)	156.8 lm/ft (514.3 lm/m)	129.2 lm/ft (423.8 lm/m)				
			3000K	123	169.7 lm/ft (556.6 lm/m)	156.8 lm/ft (514.3 lm/m)	129.2 lm/ft (423.8 lm/m)				
			3500K	129	178 lm/ft (583.8 lm/m)	164.5 lm/ft (539.6 lm/m)	135.5 lm/ft (444.4 lm/m)				
			4000K	134	184.9 lm/ft (606.5 lm/m)	170.9 lm/ft (560.6 lm/m)	140.7 lm/ft (461.5 lm/m)				
			6000K	131	180.8 lm/ft (593 lm/m)	167 lm/ft (547.8 lm/m)	137.6 lm/ft (451.3 lm/m)				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	168 lm/ft (551 lm/m)	155.2 lm/ft (509.1 lm/m)	127.8 lm/ft (419.2 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2000K	96	194.3 lm/ft (637.3 lm/m)	179.5 lm/ft (588.8 lm/m)	147.8 lm/ft (484.8 lm/m)				
			2200K	106	214.5 lm/ft (703.6 lm/m)	198.2 lm/ft (650.1 lm/m)	163.2 lm/ft (535.3 lm/m)				
			2400K	111	224.7 lm/ft (737 lm/m)	207.6 lm/ft (680.9 lm/m)	170.9 lm/ft (560.6 lm/m)				
			2700K	120	242.9 lm/ft (796.7 lm/m)	224.4 lm/ft (736 lm/m)	184.8 lm/ft (606.1 lm/m)				
			3000K	122	246.9 lm/ft (809.8 lm/m)	228.1 lm/ft (748.2 lm/m)	187.9 lm/ft (616.3 lm/m)				
			3500K	127	257 lm/ft (843 lm/m)	237.5 lm/ft (779 lm/m)	195.6 lm/ft (641.6 lm/m)				
			4000K	133	269.2 lm/ft (883 lm/m)	248.7 lm/ft (779 lm/m)	204.8 lm/ft (671.7 lm/m)				
			6000K	128	259.1 lm/ft (849.8 lm/m)	239.4 lm/ft (785.2 lm/m)	197.1 lm/ft (646.5 lm/m)				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109.8	303.1 lm/ft (994.1 lm/m)	280.1 lm/ft (918.6 lm/m)	230.6 lm/ft (756.5 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2700K	122.9	339.6 lm/ft (1114 lm/m)	313.5 lm/ft (1028.1 lm/m)	258.1 lm/ft (846.7 lm/m)				
			3000K	130	359.1 lm/ft (1177.9 lm/m)	331.4 lm/ft (1087.1 lm/m)	273 lm/ft (895.3 lm/m)				
			3500K	133	367.5 lm/ft (1205.3 lm/m)	339.2 lm/ft (1112.4 lm/m)	279.3 lm/ft (916.1 lm/m)				
			4000K	133	367.5 lm/ft (1205.3 lm/m)	339.2 lm/ft (1112.4 lm/m)	279.3 lm/ft (916.1 lm/m)				
			6000K	127	350.8 lm/ft (1150.5 lm/m)	323.7 lm/ft (1061.8 lm/m)	266.6 lm/ft (874.5 lm/m)				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109	441.2 lm/ft (1447 lm/m)	407.7 lm/ft (1337.1 lm/m)	335.7 lm/ft (1101.2 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2700K	122	494.4 lm/ft (1621.6 lm/m)	456.3 lm/ft (1496.6 lm/m)	375.8 lm/ft (1232.5 lm/m)				
			3000K	129	522.8 lm/ft (1714.7 lm/m)	482.5 lm/ft (1582.5 lm/m)	397.3 lm/ft (1303.2 lm/m)				
			3500K	132	534.9 lm/ft (1754.5 lm/m)	493.7 lm/ft (1619.3 lm/m)	406.6 lm/ft (1333.5 lm/m)				
			4000K	132	534.9 lm/ft (1754.5 lm/m)	493.7 lm/ft (1619.3 lm/m)	406.6 lm/ft (1333.5 lm/m)				
			6000K	126	510.6 lm/ft (1674.8 lm/m)	471.2 lm/ft (1545.7 lm/m)	388.1 lm/ft (1272.9 lm/m)				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109.8	505.1 lm/ft (1656.8 lm/m)	466.8 lm/ft (1531 lm/m)	384.4 lm/ft (1260.8 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2700K	122.9	566.1 lm/ft (1856.7 lm/m)	522.4 lm/ft (1713.6 lm/m)	430.2 lm/ft (1411.2 lm/m)				
			3000K	130	598.5 lm/ft (1963.2 lm/m)	552.4 lm/ft (1811.9 lm/m)	454.9 lm/ft (1492.1 lm/m)				
			3500K	133	612.5 lm/ft (2008.9 lm/m)	565.3 lm/ft (1854 lm/m)	465.5 lm/ft (1526.8 lm/m)				
			4000K	133	612.5 lm/ft (2008.9 lm/m)	565.3 lm/ft (1854 lm/m)	465.5 lm/ft (1526.8 lm/m)				
			6000K	127	584.6 lm/ft (1917.6 lm/m)	539.6 lm/ft (1769.7 lm/m)	444.3 lm/ft (1457.4 lm/m)				

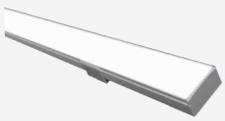
SPECIFICATIONS

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Standard Cable Length	Compatible with Channel		
									IP20	IP65	IP68
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109	601.6 lm/ft (1973.2 lm/m)	555.9 lm/ft (1823.4 lm/m)	457.8 lm/ft (1501.6 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			2700K	122	674.2 lm/ft (2211.3 lm/m)	622.2 lm/ft (2040.8 lm/m)	512.4 lm/ft (1680.7 lm/m)				
			3000K	129	712.9 lm/ft (2338.2 lm/m)	657.9 lm/ft (2157.9 lm/m)	541.8 lm/ft (1777.1 lm/m)				
			3500K	132	729.4 lm/ft (2392.5 lm/m)	673.2 lm/ft (2208.1 lm/m)	554.4 lm/ft (1818.4 lm/m)				
			4000K	132	612.5 lm/ft (2008.9 lm/m)	673.2 lm/ft (2208.1 lm/m)	554.4 lm/ft (1818.4 lm/m)				
			6000K	126	696.3 lm/ft (2283.8 lm/m)	642.6 lm/ft (2107.7 lm/m)	529.2 lm/ft (1735.8 lm/m)				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	28 lm/ft (93 lm/m)	26 lm/ft (86 lm/m)	22 lm/ft (70.6 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			Green	175	121 lm/ft (396 lm/m)	112 lm/ft (366 lm/m)	92 lm/ft (301.4 lm/m)				
			Blue	19	13 lm/ft (43 lm/m)	12 lm/ft (40 lm/m)	10 lm/ft (32.7 lm/m)				
			Amber	34	23 lm/ft (77 lm/m)	22 lm/ft (71 lm/m)	18 lm/ft (58.6 lm/m)				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	58 lm/ft (190 lm/m)	54 lm/ft (176 lm/m)	44 lm/ft (144.7 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			Green	160	221 lm/ft (724 lm/m)	204 lm/ft (669 lm/m)	168 lm/ft (551.1 lm/m)				
			Blue	18	25 lm/ft (81 lm/m)	23 lm/ft (75 lm/m)	19 lm/ft (62 lm/m)				
			Amber	34	47 lm/ft (154 lm/m)	43 lm/ft (142 lm/m)	36 lm/ft (117.1 lm/m)				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	85 lm/ft (279 lm/m)	79 lm/ft (258 lm/m)	65 lm/ft (212.2 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			Green	145	293 lm/ft (963 lm/m)	271 lm/ft (889 lm/m)	223 lm/ft (732.4 lm/m)				
			Blue	18	36 lm/ft (119 lm/m)	34 lm/ft (110 lm/m)	28 lm/ft (90.9 lm/m)				
			Amber	33	67 lm/ft (219 lm/m)	62 lm/ft (202 lm/m)	51 lm/ft (166.7 lm/m)				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40.0	110.4 lm/ft (362.1 lm/m)	102.0 lm/ft (334.6 lm/m)	84.0 lm/ft (275.52 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			Green	127.0	350.9 lm/ft (1151.0 lm/m)	323.9 lm/ft (1062.2 lm/m)	266.7 lm/ft (874.776 lm/m)				
			Blue	25.0	69.1 lm/ft (226.6 lm/m)	63.8 lm/ft (209.1 lm/m)	52.5 lm/ft (172.2 lm/m)				
			Amber	29.0	80.1 lm/ft (262.8 lm/m)	74.0 lm/ft (242.6 lm/m)	60.9 lm/ft (199.752 lm/m)				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38.0	153.8 lm/ft (504.5 lm/m)	142.1 lm/ft (466.2 lm/m)	117.0 lm/ft (383.8912 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			Green	117.0	474.1 lm/ft (1555.1 lm/m)	437.6 lm/ft (1435.3 lm/m)	360.4 lm/ft (1181.981 lm/m)				
			Blue	24.0	97.3 lm/ft (319.0 lm/m)	89.8 lm/ft (294.4 lm/m)	73.9 lm/ft (242.4576 lm/m)				
			Amber	25.0	101.3 lm/ft (332.2 lm/m)	93.5 lm/ft (306.7 lm/m)	77.0 lm/ft (252.56 lm/m)				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37.0	170.2 lm/ft (558.2 lm/m)	157.3 lm/ft (515.8 lm/m)	129.5 lm/ft (424.76 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			Green	116.0	534.2 lm/ft (1752.1 lm/m)	493.0 lm/ft (1617.0 lm/m)	406.0 lm/ft (1331.68 lm/m)				
			Blue	24.0	110.5 lm/ft (362.5 lm/m)	102.0 lm/ft (334.6 lm/m)	84.0 lm/ft (275.52 lm/m)				
			Amber	26.0	119.7 lm/ft (392.7 lm/m)	110.5 lm/ft (362.4 lm/m)	91.0 lm/ft (298.48 lm/m)				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37.0	204.2 lm/ft (669.8 lm/m)	188.7 lm/ft (618.9 lm/m)	155.4 lm/ft (509.712 lm/m)	12 in. (30.5 cm)	✓	✓	✓
			Green	113.0	624.4 lm/ft (2048.2 lm/m)	576.3 lm/ft (1890.3 lm/m)	474.6 lm/ft (1556.688 lm/m)				
			Blue	23.0	127.1 lm/ft (416.9 lm/m)	117.3 lm/ft (384.8 lm/m)	96.6 lm/ft (316.9 lm/m)				
			Amber	24.0	132.6 lm/ft (435.0 lm/m)	122.4 lm/ft (401.6 lm/m)	100.8 lm/ft (330.7 lm/m)				
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85.0	78.2 lm/ft (257 lm/m)	72.3 lm/ft (237 lm/m)	60 lm/ft (200 lm/m)	12 in. (30.5 cm)	✓	✓	✓
3.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	80.0	220.8 lm/ft (725 lm/m)	205.0 lm/ft (670 lm/m)	168.0 lm/ft (551.2 lm/m)	12 in. (30.5 cm)	✓	✓	✓
6.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	75.0	415 lm/ft (1,362 lm/m)	382.5 lm/ft (1255 lm/m)	315.0 lm/ft (1033.5 lm/m)	12 in. (30.5 cm)	✓	✓	✓

SPECIFICATIONS

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens	Delivered Lumens with Frosted Lens	Delivered Lumens with Milky Lens	Standard Cable Length	Compatible with Channel		
									IP20	IP65	IP68
2.2 RGB	6.55 in. (166.4 mm)	9 LEDs/ft (30 LEDs/m)	RGB	37	74.9 lm/ft (245.6 lm/m) All LEDs at 100%	69.7 lm/ft (228.65 lm/m) All LEDs at 100%	57.4 lm/ft (188.3 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
4.4 RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	149.8 lm/ft (491.3 lm/m) All LEDs at 100%	140.25 lm/ft (459.85 lm/m) All LEDs at 100%	115.5 lm/ft (378.7 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
8.8 RGB	1.97 in. (50 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	302.68 lm/ft (992.68 lm/m) All LEDs at 100%	279.65 lm/ft (917.15 lm/m) All LEDs at 100%	230.3 lm/ft (755.3 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	
4.4 RGBW	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	65	263.1 lm/ft (863 lm/m) All LEDs at 100%	243.95 lm/ft (799.85 lm/m) All LEDs at 100%	200.9 lm/ft (658.7 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
4.4 RGBA	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	33	133.6 lm/ft (438.1 lm/m) All LEDs at 100%	243.95 lm/ft (799.85 lm/m) All LEDs at 100%	200.9 lm/ft (658.7 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
5.5 4-in-1 RGBW	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	51	305 lm/ft (1000.3 lm/m) All LEDs at 100%	237.15 lm/ft (777.75 lm/m) All LEDs at 100%	195.3 lm/ft (640.5 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
5.5 4-in-1 RGBA	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	27	161.5 lm/ft (529.6 lm/m) All LEDs at 100%	237.15 lm/ft (777.75 lm/m) All LEDs at 100%	195.3 lm/ft (640.5 lm/m) All LEDs at 100%	12 in. (30.5 cm)	✓	✓	✓
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	263.1 lm/ft (863 lm/m) All LEDs at 100%	244.8 lm/ft (803.25 lm/m)	201.6 lm/ft (661.5 lm/m)	12 in. (30.5 cm)	✓	✓	✓

DIODE VISIBILITY CHART (Data below applies to installations with Milky lens only)



No Visible Diode = N

With Visible Diode = Y

Static White & Static Color RibbonLyte				Color Changing RibbonLyte						
0.75/1.5/2.2	3.0/4.4		5.0/6.0	2.2 RGB	4.4 RGB	8.8 RGB	4.4 RGBW/A	5.5 4-in-1 RGBW/A	Warm Dim	Variable White
IP20 IP65 IP68	IP20 IP65	IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68
Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y

AVAILABLE DRIVERS

NON-DIMMING ELECTRONIC DRIVERS

30W, 60W, 96W
Non-Dimming Electronic
Class 2 Drivers

Part No.:
- DRVW2430 (30 Watt)
- DRVW2460 (60 Watt)
- DRVW2496 (96 Watt)

Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
UL Listed

240W, 320W
Non-Dimming
Electronic Drivers

Part No.:
- DRVW24240 (240 Watt)
- DRVW24320 (320 Watt)

Output Voltage: 24 V
Voltage Range: 90-305 VAC
IP Rating: Dry or Damp
UL Recognized

LUTRON HI-LUME DRIVERS

40W
Lutron Hi-Lume 1% Dimming
Class 2 Drivers

Part No.:
- DRVLUT24403W (40 Watt, 3-wire)
- DRVLUT24402W (40 Watt, 2-wire)

Output Voltage: 24 V
Voltage Range: 120-277 VAC (3-wire model)
or 120V (2-wire model)
IP Rating: Dry or Damp
Dimmable using 2-wire forward phase,
3-wire+G or digital EcoSystem
UL Listed

96W
Lutron Hi-Lume Premier 0.1% Dimming
Class 2 Driver

Part No.:
- DRVLUT24963W (96 Watt, 3-wire)

Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
Dimmable using 3-wire+G or digital EcoSystem
0.1% dimming SoftOn/FadeToBlack
with EcoSystem
UL Listed

MAGNETIC, ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS

120 VAC

60W, 96W, 200W, 300W
Class 1 & 2 Magnetic Drivers

Part No.:
- DRVWDIM2460 (60 Watt)
- DRVWDIM24100 (96 Watt)
- DRVWDIM24200 (200 Watt)
- DRVWDIM24300 (300 Watt)

Magnetic Driver
Output Voltage: 24 V
Voltage Range: 120 VAC
IP Rating: Dry or Damp
Forward Phase Dimming
ETL Listed

277 VAC

60W, 96W, 200W, 300W
Class 1 & 2 Magnetic Drivers

Part No.:
- DRVWDIM2460277 (60 Watt)
- DRVWDIM24100277 (96 Watt)
- DRVWDIM24200277 (200 Watt)
- DRVWDIM24300277 (300 Watt)

Magnetic Driver
Output Voltage: 24 V
Voltage Range: 277 VAC
IP Rating: Dry or Damp
Forward Phase Dimming
ETL Listed

60W, 96W, 150W, 200W
ELV & MLV Drivers

Part No.:
- DRVW2460ELV (60 Watt)
- DRVW2496ELV (96 Watt)
- DRVW24150ELV (150 Watt)
- DRVW24200ELV (200 Watt)

Line Voltage Dimmable Drivers
Output Voltage: 24 V
Voltage Range: 100-130 VAC
IP Rating: Dry or Damp
Dimmable
ETL, UL and CSA Listed

LUTRON Skylark Contour Dimmer

Part No.: TRIDIMSKY
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Single pole and 3-way versions
- Compatible with **GEN**LED Acolyte MLV drivers
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish

LUTRON NOVA-T Dimmer

Part No.: TRIDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish

LUTRON DIVA Dimmer

Part No.: TRIDIMDIVA
(With Locator Light) TRIDIMDIVAL
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish
- Available with locator light which glows green when the switch is off

Note: For more options, please reference the Optional Dimmer List on **GEN**LED Acolyte® product website page.

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V DRIVERS AND DIMMERS

0-10V Dimmable Waterproof Drivers

96W Part No.: DRVW249610P
288W Part No.: DRVW2428810P
Output Voltage: 24 V (+/- 0.5V)
Voltage Range: 100-277 VAC
Environmental Rating: UL Wet Location
UL Listed

LUTRON DIVA Dimmer

Part No.: LVDIMDIVA
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish

LUTRON NOVA-T Dimmer

Part No.: LVDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish

DIMMING MODULE

Variable White Dimming Module

Part No.: VWDIMMOD
- 1 dimming module required per 30 ft (9.1 m)
- This product is only compatible with Variable White RibbonLyte, not Variable White Amber or Variable White Red. Works with any 0-10V dimmers to provide CCT change with one dimmer and brightness change with the other.

Note: Max length before additional power is introduced

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS

GLASS TOUCH WALL CONTROLLER
Part Number: AWCRGBWW
AWCVWW

1 ZONE WALL CONTROLLER
Part Number: DMXCTRLG

5 ZONE WALL CONTROLLER
Part Number: DMXCTRL

10 ZONE WALL CONTROLLER
Part Number: DMXCTRLD

4 CHANNEL WATERPROOF DMX INTERFACE
Part Number: DMXINFWLCD4

5 CHANNEL DMX INTERFACE
Part Number: DMXINFLCD5

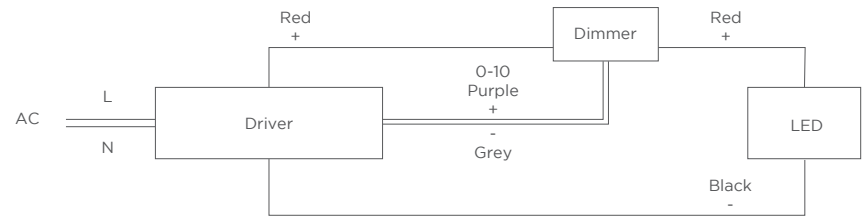
DMX OPTO SPLITTER
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

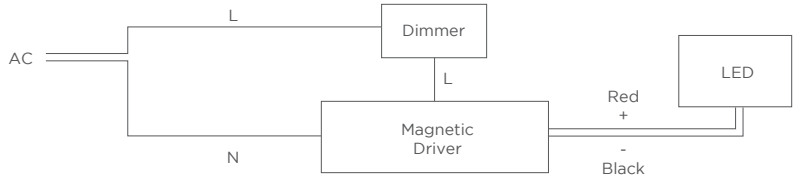
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG	35	10.67	23	7.01	14	4.27	9	2.74	7	2.13	5.75	1.75	4.5	1.37	4.25	1.30
18 AWG	56	17.07	37	11.28	23	7.01	15	4.57	11	3.35	9	2.74	7.5	2.29	7	2.13
16 AWG	90	27.44	60	18.29	37	11.28	24	7.32	18	5.49	15	4.57	12	3.66	11	3.35
14 AWG	142	43.29	95	28.96	59	17.99	38	11.59	28	8.54	23	7.01	19	5.79	17	5.18
12 AWG	226	68.90	151	46.04	94	28.66	60	18.29	45	13.72	37	11.28	30	9.15	28	8.54
10 AWG	360	109.76	240	73.17	150	45.73	96	29.27	72	21.95	60	18.29	48	14.63	45	13.72
8 AWG	574	175.00	381	116.16	239	72.87	153	46.65	115	35.06	95	28.96	76	23.17	71	21.65

WIRING DIAGRAMS

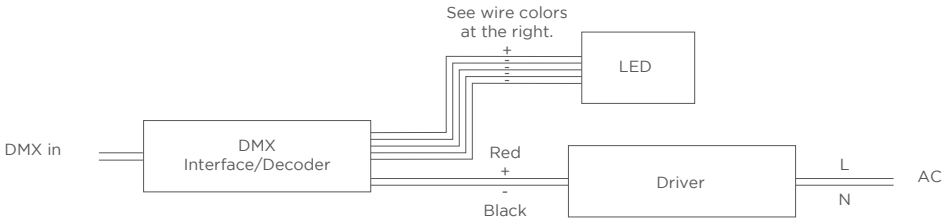
0-10V



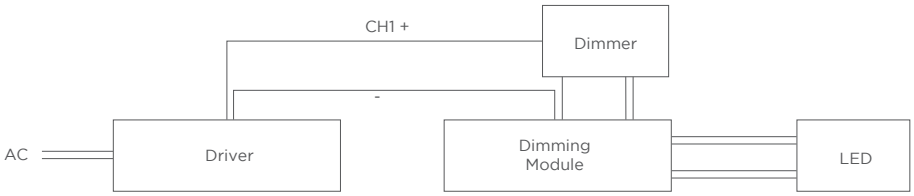
MAGNETIC + ELV



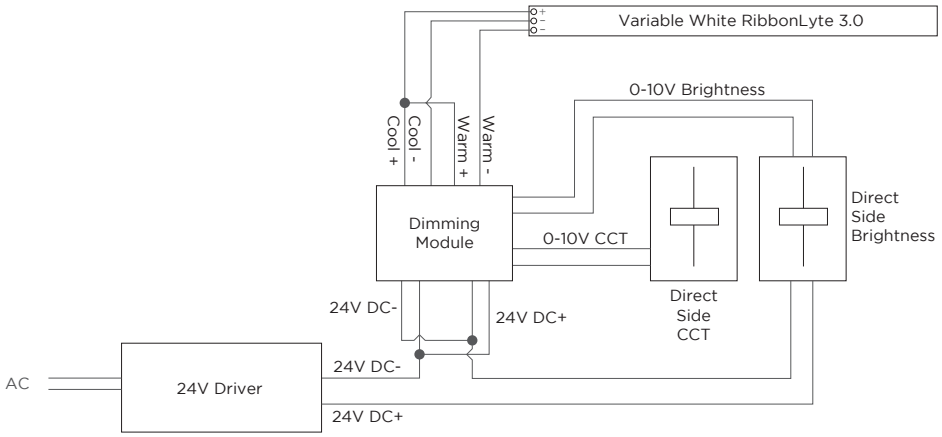
DMX



WARM DIM



2-CHANNEL VARIABLE WHITE DIMMING



REV.18MAY2021

WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR
Red Wire (+) Positive
Black Wire (-) Negative

RGB
Black Wire (+) Positive
Red Wire (-) Goes To Red Channel
Green Wire (-) Goes To Green Channel
Blue Wire (-) Goes To Blue Channel

RGBW/A
Black Wire (+) Positive
Red Wire (-) goes to Red Channel
Green Wire (-) goes to Green Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

VARIABLE WHITE
Black Wire (+) Positive
Red Wire (-) goes to Warm White Channel
Green Wire (-) goes to Cool White Channel

WARM DIM
Red Wire (-) goes to Warm White Channel
Blue Wire (-) goes to Cool White Channel
Black Wire (+) goes to Warm White Channel
Green Wire (+) goes to Cool White Channel

FC OUTDOOR LIGHTING

Date:	Approved:
Type:	
Fixture:	
Project:	

FCC400 Up/Down or Up, Standard Drivers without Battery Backup

4" Round wall mount up/down or up only cylinder outdoor

Intertek CE NOM

Made in USA with domestic & globally sourced components

FEATURES

QUICK SHIP PRODUCT

- Up to 3000 lm, Up to 100 LPW
- Operating Environment 0°F-100°F
- Clear anti-glare tempered glass lens (IK08)
- Multiple color finishes with AAMA 2605 option (10 yr. paint warranty)
- 0-10V 1% Dimming (Standard)
- 1.5G Vibration Tested
- 93 CRI with 2 SDCM

PERFORMANCE

Beam Spread: 15° | 25° | 50° | 72° | 90°
CCT Options: 2700K | 3000K | 3500K | 4000K
CRI: 93 CRI
Consistency: 2 SDCM (Fixture to Fixture)
Lumens: 500-3000 lm
Lifetime: > 70,000 hours / L70 or better

PHYSICAL

Mounting: Mounts directly to standard recessed junction box with wall mount or twist-lock canopy. Additional holes allow unit to be attached directly to mounting surface.
Ingress Protection: Continuous silicone gasket to seal out contaminants, IP65 rated for dry, damp or wet locations
Finish: Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification. AAMA 2605 optional w/ 10 yr. paint warranty.
Warranty: 5-Year limited warranty (refer to website for details)
Housing: Heavy-walled, extruded aluminum housing with high pressure die-cast lens ring and cap with stainless steel hardware.
Lens: IK08 impact compliant, clear anti-glare tempered glass
Vibration Resistance: Compliant with 1.5G ANSI C136.31, Seismic rated AC-156
Weight: 8-12 lbs (Depending on Length)
Operating Temperature: -22°F to 122°F (-30°C to 50°C)

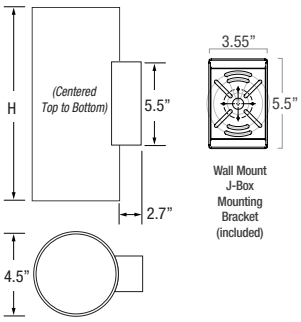
ELECTRICAL

Voltage: Universal 120–277V AC standard, 347V optional
Power Supply: Integral Class II, electronic high-power factor >.90, THD < 20%, FCC Title 47 Part 15 Class A.
Power Consumption: Up to 3000 lm @ 35W
Dimming: Standard: 0-10V, 1% Dimming, Optional: ELV, TRIAC, dim to off, DMX, DALI
Certification: CEC Title 24 - JA8 Compliant (93 CRI Only)
Standards: cETLus Listed, CE, NOM, and RoHS Compliant. Wet location listed for wall or ceiling mount IP65 Ingress protection. 1.5G (ANSI C136.31) Vibration resistance rated. IK08 (IEC6226) Impact resistance rated. IESNA LM79 Photometric testing by NVLAP accredited test lab. IESNA LM80 LED testing by NVLAP accredited test lab. IESNA TM21 Luminaire lumen depreciation projection to >70,000hrs.

PHYSICAL DIMENSIONS

Fixture	Height (H)
FCC410W	10.95" Height (1 Integral Driver Only)
FCC412W	12.95" Height (1 Integral Driver Only)
FCC414W	14.95" Height
FCC416W	16.95" Height
FCC418W	18.95" Height
FCC420W	20.95" Height
	(All above are Wall Mount Standard)

Wall Mount (WM)



US Commercial Lighting Manufacturer Since 1982

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OUTDOOR LIGHTING

Date:	Approved:
Type:	
Fixture:	
Project:	

FCC400 Up/Down or Up, Standard Drivers without Battery Backup

PRODUCT CODE

EXAMPLE: FCC410W-UNV-927-0505L-BKE-D15U15-ET

MODEL – LENGTH – MOUNTING – VOLTAGE – COLOR – LUMENS – FINISH – DOWNLIGHT OPTICS – UPLIGHT OPTICS – DIMMING – OPTIONS – BATTERY

MODEL

FCC410W	10.95" Height (1 Integral Driver Only)
FCC412W	12.95" Height (1 Integral Driver Only)
FCC414W	14.95" Height
FCC416W	16.95" Height
FCC418W	18.95" Height
FCC420W	20.95" Height
	(All above are Wall Mount Standard)

VOLTAGE

UNV	Universal 120-277 Volt AC
347V	347 Volt AC

COLOR

927	(93CRI) 2700K
930	(93CRI) 3000K
935	(93CRI) 3500K
940	(93CRI) 4000K

DOWN LUMENS (nominal) UP LUMENS

NO	No Light Option	
05	500 lm	**05L**
10	1000 lm	**10L**
15	1500 lm	**15L**
20	2000 lm	**20L**
25	2500 lm	**25L**
30	3000 lm	**30L**

(30L Max Total output) (Standard Lumen Output Split 50% Up / 50% Down) (Additional driver needed for unequal output selections)

FINISH

BKE	Black (AAMA 2604)
BRE	Bronze (AAMA 2604)
SLE	Silver (AAMA 2604)
WHE	White (AAMA 2604)
CCE	Custom Color (AAMA 2604)
BKED	Black (AAMA 2605)
BRED	Bronze (AAMA 2605)
SLED	Silver (AAMA 2605)
WHED	White (AAMA 2605)
CCED	Custom Color (AAMA 2605)

DOWN LIGHT OPTICS (nominal) UPLIGHT OPTICS

D15	Spot (15°) (20L Max)	**U15**
D25	Narrow Flood (25°)	**U25**
D50	Flood (50°)	**U50**
D72	Wide Flood (72°)	**U72**
D90	Flat (90°)	**U90**

WITH SOFT FIELD LENS (Below)

D15S	Spot (15°) (20L Max)	**U15S**
D25S	Narrow Flood (25°)	**U25S**
D50S	Flood (50°)	**U50S**
D72S	Wide Flood (72°)	**U72S**
D90S	Flat (90°)	**U90S**

DIMMING

ET	ELV or TRIAC Driver (120V Phase Dimming w/ UNV Driver) (20L-30L Only)
LD	0-10V Dimming, 1% (Standard)
ET2	ELV or TRIAC Drivers (Qty. 2) (120V Phase Dimming w/ UNV Drivers) (20L-30L Only)
LD2	0-10V Dimming, 1% (Qty. 2)

OPTIONS

CV	Cut-Off Visor (Down Only)

BATTERY

N/A	(Leave Blank)

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FCC400 Up/Down or Up, Standard Drivers without Battery Backup

LUMENS nominal

Model	Watts	940
FCC4	5 W (Min)	500 lm (Min)
	35 W (Max)	3000 lm (Max)

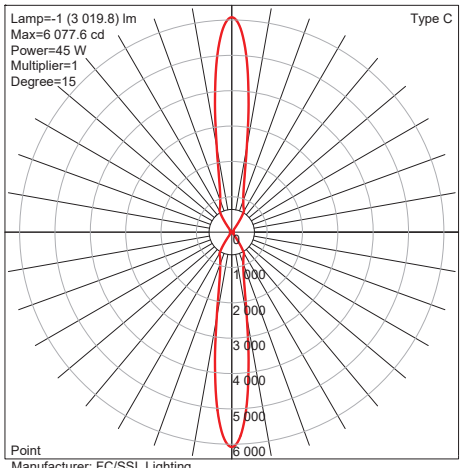
IES Multiplier	
Color	Multiplier
927	0.93
930	0.97
935	0.99
940	1.00

**83CRI≤1.15 Consult factory.*

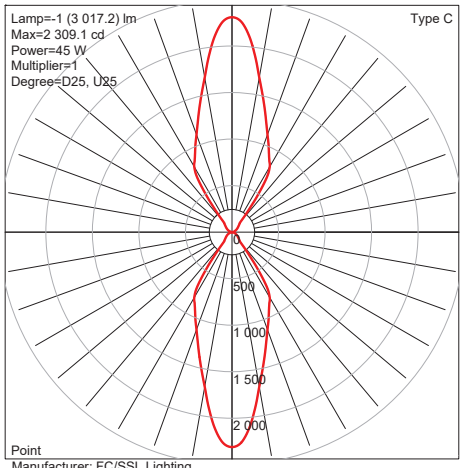
TRIAC & ELV Approved Dimmer List	
Manufacturer	Manufacturer Part Number
Lutron	Glyder GLV-600
	Diva DVLV-600P
	Diva DV-600P
	Diva DVELV-600P(303)
	Maestro MALV-600
	Nova T NT-1000
	Nova T NTELV-600
	Skylark SLV-600P
	RadioRA2-10ND
Leviton	SureSlide 6633
	Illumatech IPE04

0-10V Approved Dimmer List	
Manufacturer	Manufacturer Part Number
Lutron	Diva DVSTV-XX
	Diva DVSTV-453PH-WH1
Leviton	Illumatech 010-IP710-DLZ

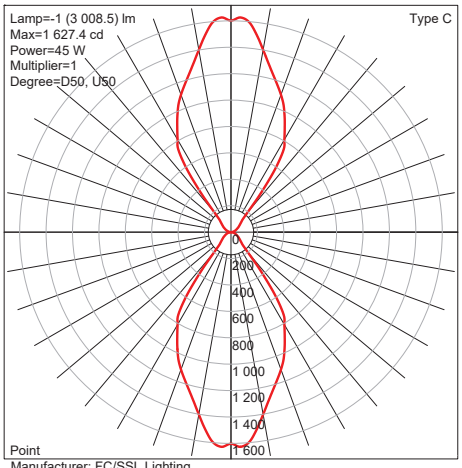
PHOTOMETRICS



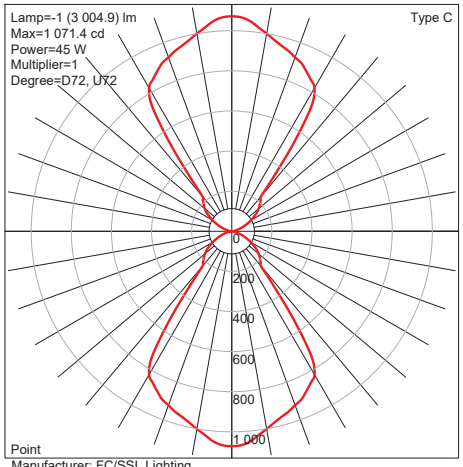
Manufacturer: FC/SSL Lighting
Luminaire catalog: F005024FCC4004K30LD15U15
Lamp: LED



Manufacturer: FC/SSL Lighting
Luminaire catalog: F005025FCC4004K30LD25U25
Lamp: LED



Manufacturer: FC/SSL Lighting
Luminaire catalog: F005026FCC4004K30LD50U50
Lamp: LED

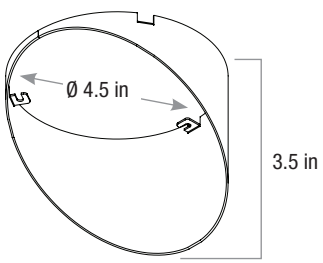


Manufacturer: FC/SSL Lighting
Luminaire catalog: F005027FCC4004K30LD72U72
Lamp: LED

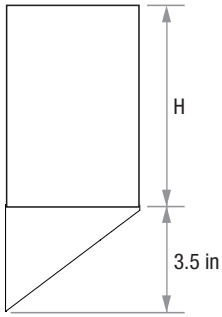
FCC400 Up/Down or Up, Standard Drivers without Battery Backup

MORE DIMENSIONS

Cutt-Off Visor (CV) *(Down Only)*



Bottom View



Side View

WDGE1 LED

Architectural Wall Sconce

Buy American

Catalog Number

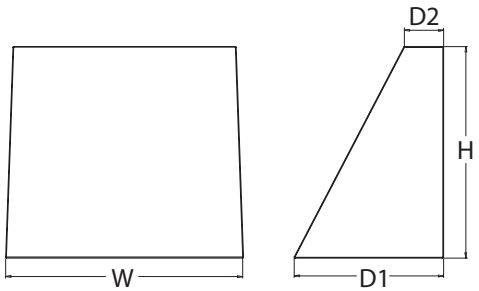
Notes

Type

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

Specifications

Depth (D1): 5.5"
Depth (D2): 1.5"
Height: 8"
Width: 9"
Weight: (without options) 9 lbs



Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

WDGE LED Family Overview

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

Ordering Information

EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE1 LED	P1 P2	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K[1] 5000K	80CRI 90CRI	VF Visual comfort forward throw VW Visual comfort wide	MVOLT 347[2]	**Shipped included** SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)[5] **Shipped separately** AWS 3/8inch Architectural wall spacer PBBW Surface-mounted back box (top, left, right conduit entry) Use when there is no junction box available.

Options

E4WH[3]	Emergency battery backup, Certified in CA Title 20 MAEDBS (4W, 0°C min)
PE[4]	Photocell, Button Type
DS	Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)
DMG	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.

Finish

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

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE1PBBW DDBXD U	WDGE1 surface-mounted back box (specify finish)

NOTES

1. 50K not available in 90CRI.
2. 347V not available with E4WH, DS or PE.
3. E4WH not available with PE or DS.
4. PE not available with DS.
5. Not qualified for DLC. Not available with E4WH.

Performance Data

Lumen Output

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

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					35K (3500K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	10W	VF	1,120	112	0	0	0	1,161	116	0	0	0	1,194	119	0	0	0	1,227	123	0	0	0	1,235	123	0	0	0
		VW	1,122	112	0	0	0	1,163	116	0	0	0	1,196	120	0	0	0	1,229	123	0	0	0	1,237	124	0	0	0
P2	15W	VF	1,806	120	1	0	0	1,872	125	1	0	0	1,925	128	1	0	0	1,978	132	1	0	0	1,992	133	1	0	0
		VW	1,809	120	1	0	0	1,876	125	1	0	0	1,929	128	1	0	0	1,982	132	1	0	0	1,996	133	1	0	0

Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	10W	0.082	0.049	0.043	0.038	--
	13W	--	--	--	--	0.046
P2	15W	0.132	0.081	0.072	0.064	--
	18W	--	--	--	--	0.056

Lumen Multiplier for 90CRI

CCT	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Dist. Type	Lumens
E4WH	VF	646
	VW	647

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	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Projected LED Lumen Maintenance

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

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

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91

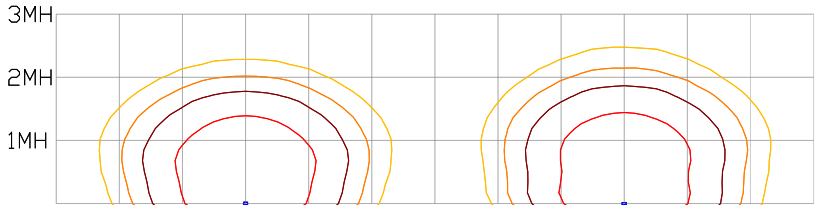
Photometric Diagrams

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

LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc
- 3.0 fc

MH = 8ft
Grid = 8ft x 8ft



WDGE1 LED P2 40K 80CRI VW

WDGE1 LED P2 40K 80CRI VF

Emergency Egress Options

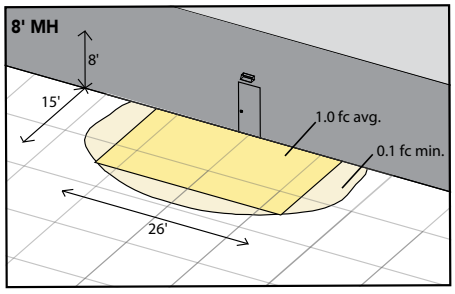
Emergency Battery Backup

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

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

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.

Grid = 10ft x 10ft

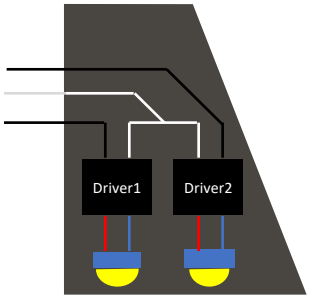


WDGE1 LED xx 40K 80CRI VF MVOLT E4WH

Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

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



Mounting, Options & Accessories

E4WH – 4W Emergency Battery Backup

D = 5.5"

H = 8"

W = 9"

PBBW – Surface-Mounted Back Box
Use when there is no junction box available.

D = 1.75"

H = 8"

W = 9"

AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

FEATURES & SPECIFICATIONS

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

CONSTRUCTION
The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH
Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS
Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL
Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

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

LISTINGS
CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

BUY AMERICAN
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FARS, DFARS and DOT. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

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

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