URBAN DESIGN COMMISSION APPLICATION

City of Madison Planning Division 126 S. Hamilton St. P.O. Box 2985 Madison, WI 53701-2985 (608) 266-4635



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

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

FOR OFFICE USE ONLY	/:		
Paid	Receipt #		
Date received			
Received by			
Aldermanic District			
Zoning District			
Urban Design District			
Submittal reviewed by		- 11	

1. Project Information

	Addı	ress:	4620	5 Dutch	Mill Road.	-Ma	dison WI 33716
	Title	:	True	Freen-1	Madison		
2.	App UDC	lication 1 meeting	Type (cheo date requ	ck all that ap	ply) and Requested Da	te	
		New dev Informat	velopment tional		lteration to an existing on the second strain of the second second second second second second second second se	or previ	ously-approved development ⁹ Final approval
3.	Proj	ect Type					
2	X	Project ir	n an Urban	Design Distric	t No 1	Sig	nage
		Project in	the Down	town Core Dis	trict (DC), Urban		Comprehensive Design Review (CDR)
		Nilxed-Us	e District (U	han Employm	-Use Center District (IVIXC)		Signage Variance (i.e. modification of signage height,
		Campus I District (I	Institutiona EC)	al District (CI),	or Employment Campus	Otl	area, and setback) ner
		Planned I	Developme	ent (PD)			Please specify
		🛛 Gen	eral Develo	opment Plan (GDP)		
		□ Spec	cific Impler	nentation Plai	n (SIP)		
		Planned I	Multi-Use S	Site or Resider	ntial Building Complex		
4.	App	licant, Ag	gent, and	Property Ov	vner Information		
	Appl	icant nar	ne <u>K</u>	evin Ye	ska	Comp	any JSD Professional Services, Inc.
	Stree	et addres	s <u>16</u>	1 Horizo	on Drive Suite	City/S	tate/Zip Verona, WI 53593
	Telep	phone	60	08 848	3 5060	Email	Kevin. yesta @ Jsdinc.com
	Proje	ect conta	ct person	"Kevin	Yesta "	Comp	any
	Stree	et addres	s //		<u> </u>	City/S	tate/Zip
	Telep	hone			14	Email	
	Prop	erty own	ner (if not	applicant) _[David Bagley		
	Stree	et address	s <u>14</u>	360 5.	Ewing Ave	City/S	tate/Zip Burnsville, MN 55306
	Telep	hone	9	13-201	7-2244	Email	davidbagley@trugreenmail.com

Each submittal must

include fourteen (14) 11" x

17" collated paper copies.

plans (if required) must be

from using plastic covers or

Landscape and Lighting

full-sized. Please refrain

spiral binding.

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 provided below for plan details)

Filing fee

Electronic Submittal*

Both the paper copies and electronic copies <u>must</u> 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 <u>udcapplications@cityofmadison.com</u>. 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 <u>Janine Glaeser</u> on <u>4/11/19</u>.
- 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.

Applicant name Kevin Yesta - JSD	Relationship to property Consultant
Authorized signature of Property Owner	Date

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:

X

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

F:\PLCOMMON\UDC\UDC APPLICATION MATERIALS - SEPTEMBER 2017

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)
- <u>Initial Approval</u>. 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 what should be addressed at Final Approval stage.
- <u>Final Approval</u>. 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

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.

Providing additional

information beyond these

minimums may generate

from the Commission.

a greater level of feedback

1. Informational Presentation

- Locator Map
- □ Letter of Intent (If the project is within an Urban Design District, a summary of <u>how</u> 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.

2. Initial Approval

Locator Map

- Letter of Intent (If the project is within a Urban Design District, a summary of <u>how</u> 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)
- A X Building Elevations in both black & white and color for all building sides (include material callouts)
 - D text and Letter of Intent (if applicable)

3. Final Approval

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

- 🖄 Grading Plan
- A M 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 <u>how</u> 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)
- Graphic of the proposed signage as it relates to what the Ch. 31, MGO would permit

Requirements for All Plan Sheets

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

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

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











Location: Madison, WI

TruGreen Parking Expansion

Land Use - Conditional Use Permit Application UDC Initial-Final Review Application

> **TruGreen Lawn Care** 4626 Dutch Mill Road, Madison, WI 53716

> > **Prepared for:**

Hawthorn & Stone 7601 Ganser Way, Suite 200 Madison, WI 53719

Prepared by:

• Engineers • Surveyors • Planners

161 Horizon Drive, Suite 101 Verona, WI 53593 May 29, 2019

Re: Letter of Intent Land Use - Conditional Use Permit Application UDC Initial-Final Review Application JSD Project # 19-9005

To Whom It May Concern,

The following is submitted together with plans and application for review and approval by the Urban Design Commission, Planning Commission and Staff.

Owner:	TruGreen Lawn Care 14360 South Ewing Ave. Burnsville, MN 55306	General Contractor: Hawthorn & Stone 7601 Ganser Way, Suite 200 Madison, WI 53719
Survey,	JSD Professional Services	
Engineer &	161 Horizon Drive, Suite 101	
Landscape	Verona, WI 53593	
Design:		

Project Background:

On behalf of TruGreen Lawn Care and Hawthorn & Stone, JSD Professional Services, Inc. (JSD) is requesting Conditional Use and UDC initial-final approval of a parking lot and access drive expansion for TruGreen – Madison located at 4626 Dutch Mill Road. The parcel is currently zoned IL which permits its current use as General Office – Contractor Yard. The parcel lies within Madison's Urban Design District No.1. The 3.24 acre site is situated between a mobile home park to the east, a storage facility to the north, a wooded lot to the west, and an office building to the south. The existing building area is 14,658 square feet. The existing building, parking and utility infrastructure were improved in 2016 following formal City approvals and a staff level review for parking counts exceeding the maximum allowable. Today, the existing off-street parking count (82 stalls) exceeds the maximum allowable (52 stalls) by 30 stalls.

Project Description:

In order to accommodate their growing business and to provide safer and quieter access into and out of their site, TruGreen requests consideration to expand their existing parking lot to accommodate 19 new parking stalls and an internal 360-degree truck route.

With a proposed total stall count of 101, TruGreen requests a Conditional Use Permit to meet their needs for employee parking. To justify this request this proposal provides the following items: documentation of TruGreen's parking demand, a proposed internal truck route to alleviate concerns of trucks backing out of the site and onto Dutch Mill Road, additional parking areas designed as extensions of existing parking and extending existing stormwater management practices to treat proposed improvement areas.

TruGreen Business Operations:

TruGreen employs 12 office staff and 70 field staff (82 employees) between the hours of 6am-8pm on weekdays and 6am-5pm on weekends. 62 fleet trucks are currently parked overnight on the site, whereas a majority of staff will mobilize in their fleet trucks each morning to job sites throughout the Madison area. There are 10-15 semi-truck deliveries made to the office per week between the hours of 7am-6pm. The proposed 101 parking stalls will allow for current employees to park as well as provide opportunity for future company growth.

Proposed Plans:

It is TruGreen's intent to alleviate parking concerns in conjunction with neighborhood concerns. Although proposed parking stall counts are above the maximum allowed by zoning, the business operations schedule, the nature of this business and future employee growth requires a significant amount of parking. To offset this need, TruGreen has proposed the following measures to maintain the original design intent of the site and enhance the aesthetics of the site: landscape plantings that exceed the minimum requirement by 75-percent, landscape plantings that enhance the street and building entrances, stormwater management areas to treat proposed improvements, additional site lighting and four bicycle racks (8 stalls) to encourage employees to bike to work or take public transportation.

Site Design:

Land Use & Building Summary					
Site Area	3.25 acres (141,354 SF)				
Existing Building Stories	1				
Lot Coverage	91,373 SF				
Open Space	49,761 SF				
Impervious Surface Ratio	0.65				
Existing Parking Stalls	82 stalls				
Proposed Parking Stalls	101 stalls				
Total Building Area	14,658 SF				
Gross Floor Area	14,658 SF				
Proposed Bicycle Parking	8 stalls				

Past Schedule of Events:

- April 4, 2019 Development Assistance Team Meeting
- April 11, 2019 UDC Director Meeting with Janine Glaeser
- May 22, 2019 Conference Call w/ Assistant Zoning Administrator Jenny Kirchgatter
- May 22, 2019 Notification to District 16 Alder Micheal Tierney
- May 22, 2019 Notification to Monona East Side Business Alliance Director Kristie Schilling
- May 23, 2019 Approval and waiver to submit applications by Alder Michael Tierney and Director Kristie Schilling

Anticipated Schedule of Events:

- May 29, 2019 Land Use and UDC Initial-Final Submittal
- July 11, 2019 UDC Initial-Final Meeting
- July 29, 2019 Plan Commission Meeting
- August 1, 2019 Site Plan Verification Submittal
- September 2, 2019 Permit Issuance
- September 2019 Groundbreaking

Thank you for your time and consideration with this submittal.

Sincerely,

Kevin Yeska Project Consultant JSD Professional Services, Inc.























Location: Madison, WI



TOPOGRAPHIC **AND UTILITY MAP**

PART OF OUTLOT 42, BLOOMING GROVE ASSESSOR'S PLAT No. 2, LOCATED IN THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 22, TOWNSHIP 07 NORTH, RANGE 10 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN

<u>LEGEND</u> ____ SIGN S SANITARY MANHOLE HYDRANT -Ö-WATER VALVE - M STORM MANHOLE (T2) ROUND CASTED INLET Ħ CURB INLET \sim POWER POLE W/GUY TELEPHONE PEDESTAL \bigcirc DECIDUOUS TREE HANDICAP PARKING ---- PARCEL BOUNDARY



<u>NOTES</u>

— – — CENTERLINE

----- PLATTED LOT LINE

- 2019.
- N89*****35'54"E.
- 4. CONTOUR INTERVAL IS ONE FOOT.
- 5. SPOT ELEVATIONS IN CURBED AREAS REFERENCE THE PAVEMENT EDGE ELEVATIONS.
- FEATURES AND APPURTENANCES AND BY REFERENCE TO UTILITY RECORDS AND MAPS.
- UTILITIES, CONTACT DIGGERS HOTLINE, AT 1.800.242.8511.

	BENCHMARKS						
BENCH MARK	ELEVATION	DESCRIPTION					
BM-1	860.15	CHISELED 'X' ON TOP OF CURB					
BM-2	861.42	M.A.G. NAIL IN PARKING LOT, NE CORNER OF SITE					
		CORNER OF SITE					

*JSD PROFESSIONAL SERVICES, INC. DOES NOT GUARANTEE THAT THE BENCHMARK ELEVATIONS LISTED ON THIS MAP HAVE NOT BEEN DISTURBED SINCE THE DATE OF THIS SURVEY AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES.

CONCRETE CURB & GUTTER --- ST --- STORM SEWER Gereinsen Gas -----OE ----- OVERHEAD ELECTRIC DISTRIBUTION SPOT ELEVATION BITUMINOUS PAVEMENT CONCRETE PAVEMENT ------ PAVEMENT STRIPING () DENOTES RECORD DATA DEPICTING THE SAME LINE ON THE GROUND AS RETRACED BY THIS SURVEY

1. A CAD FILE CONTAINING THE PARCEL BOUNDARY AND SITE TOPOGRAPHICAL INFORMATION FROM THE ALTA/ACSM LAND TITLE SURVEY BY MICHAEL J. ZIEHR, S-2401, DATED FEBRUARY 15, 2016 WAS SUPPLIED BY THE CLIENT. CONTOURS AND SPOT ELEVATIONS SHOWN ARE SUPPLEMENTAL DATA SURVEYED BY JSD PROFESSIONAL SERVICES, INC. ON APRIL 12,

2. BEARINGS FOR THIS SURVEY AND MAP ARE ASSUMED, AND THE NORTH LINE OF THIS PARCEL, RECORDED AS

3. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). BENCHMARK IS A BRASS CAP IN CONCRETE MARKING THE SOUTH QUARTER CORNER OF SECTION 22, TO7N, R10E, ELEVATION = 858.71'

6. SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFICIAL

7. BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED. FOR EXACT LOCATION OF UNDERGROUND



BEARINGS ARE ASSUMED, AND THE NORTH LINE OF THIS SURVEY BEARS N89'35'54"E.

Professi Engineers	ional Se	TVÍCOS , ors • Pla	Inc.
CREATE THE	VISION	TELL THE	E STORY
MA KENOSH	DISON MIL	.WAUKEE	SAU
MADIS 161 H VEF	ON REGIC ORIZON DRIV RONA, WISCO P. 608.848)NAL OFF /E, SUITE 10 DNSIN 53593 3.5060	ICE
CLIENT: HAWTHC)RN &	STONE	E
CLIENT ADDRESS 7601 GANSI MADISON, V	። ER WAY, NI 53719	SUITE 2	00
Toll Free		HOT 242-	8 511
PROJECT: TRUGRE	EN PA	RKING))
	JIION		
PROJECT LOCAT	ION: A DISON		
DANE COUI	NTY, WIS	CONSIN	
PLAN MODIFICAT # Date: 1	IONS: Descriptio	on:	
2 3 4 5			
6			
$ \begin{array}{c} \underline{10}\\ \underline{11}\\ \underline{12}\\ \underline{13}\\ \underline{14}\\ \\ \end{array} $			
15 Design/Drawn: Approved:		JK סו ד	04/08/11
SHEET TITLE: TOPOGR UTILITY	APHIC MAP	AND	



LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY
	BUILDING OUTLINE
	EDGE OF PAVEMENT
	ASPHALT PAVEMENT
	ASPHALT PAVEMENT
	STORMWATER MANAGEMENT AREA
X	EXISTING FENCE
-00	PROPOSED FENCE
0-0 0-0-0 «	LIGHT POLE (REFER TO PHOTOMETRIC PLAN)
	SAWCUT EXISTING PAVEMENT
X	VEGETATION REMOVAL

SITE INFORMATION BLO	CK
ITE ADDRESS 4626	5 DUTCH MILL RD.
ROPERTY ACREAGE 3.24 AC	RES (141,354 SF)
UMBER OF BUILDING STORIES	
OTAL BUILDING SQUARE FOOTAGE	14,658
ROSS BUILDING SQUARE FOOTAGE	14,658
UMBER OF PARKING STALLS	
XISTING SURFACE STALLS	
LARGE	79
ACCESSIBLE	3
TOTAL EXISTING SURFACE	82
XISTING SURFACE STALLS TO BE REMOVED	
LARGE	5
ROPOSED SURFACE	
LARGE	24
ACCESSIBLE	
TOTAL PROPOSED SURFACE	24
OTAL PARKING STALLS	101
ISTURBED AREA	6,200 SF
XISTING VS. PROPOSED SITE COVERAGE	
EXISTING IMPERVIOUS SURFACE AREA	79,591). 56
EXISTING PERVIOUS SURFACE AREA	61,543 SF
EXISTING IMPERVIOUS SURFACE AREA RATIO	
PROPOSED IMPERVIOUS SURFACE AREA	91,373 SF
PROPOSED PERVIOUS SURFACE AREA	49,761 SF
PROPOSED IMPERVIOUS SURFACE AREA RATIO	0.65



JSD PROJECT NO:



19-9005



LEGEND

—— ————	PROPERTY LINE
	RIGHT-OF-WAY
	BUILDING OUTLINE
	EDGE OF PAVEMENT
	ASPHALT PAVEMENT
<u> </u>	STORMWATER MANAGEMENT AREA
X	EXISTING FENCE
-[]	PROPOSED FENCE
0-0 0-0-0 «	LIGHT POLE (REFER TO PHOTOMETRIC PLAN)
	PROPOSED 1 FOOT CONTOUR
	PROPOSED 5 FOOT CONTOUR
<u> </u>	EXISTING 1 FOOT CONTOUR
	EXISTING 5 FOOT CONTOUR
\rightarrow	DRAINAGE DIRECTION
	GRADE BREAK
<u> </u>	STORMWATER MANAGEMENT AREA
<u>D</u>	SILT FENCE
	SILT SOCK
¥ FG: 860.52	SPOT ELEVATION EP – EDGE OF PAVEMENT FG – FINISH GRADE
	DITCH CHECK



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EROSION CONTROL NOTES

- 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 MUNICIPALITY 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 MUNICIPALITY 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.
- 5. 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 MUNICIPALITY 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. 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 MUNICIPALITY.
- 8. 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."
- 9. DITCH CHECKS AND APPLICABLE EROSION NETTING/MATTING SHALL BE INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING EFFORTS WITHIN DITCHES/SWALES TO PREVENT SOIL TRANSPORTATION
- 10. EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.):
 - A. PLACE EXCÁVATED 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 WONR REQUIREMENTS AND/OR PROPERTY SALE IN ACCORDANCE WITH WDNR REQUIREMENTS.
- 17. STABILIZATION PRACTICES:

17.1.

17.4.

 $\langle U \rangle$

-LAG BOL1

- CONCRETE

- *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:
- *THE INITIATION STABILIZATION MEASURES BY THE SEVENTH (7) DAY AFTER 17.2. 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 *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

- PRIOR TO CONSTRUCTION.
- MADE FOR A BALANCED SITE
- UNLESS OTHERWISE NOTED.

 - SEEDING AND MULCHING.

UTILITY NOTES

PRIOR TO ANY CONSTRUCTION.

- EXISTS. CONSTRUCTION

- ENGINEER AS WORK PROGRESSES.
- 11. STORM SEWER SPECIFICATIONS -

- ENTRANCE.

- PAVEMENTS, WALKS, ETC.
- AS INDICATED ON PLANS.
- COVER IS ESTABLISHED.
- CONTROL REQUIREMENTS.



Toll Free (800) 242-8511

SD PROJECT NO:

19-9005



BUILDING OUTLINE EDGE OF PAVEMENT ASPHALT PAVEMENT ··· STORMWATER MANAGEMENT AREA EXISTING FENCE ---- PROPOSED FENCE LIGHT POLE (REFER TO PHOTOMETRIC PLAN) PROPOSED CONTOURS ------ PROPOSED STORM PIPE EXISTING STORM PIPE

EXISTING OVERSTORY DECIDUOUS TREE

EXISTING DECIDUOUS SHRUB EXISTING ORNAMENTAL GRASSES/PERENNIALS

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

6. REFER TO "LANDSCAPE DETAILS AND NOTES" SHEET FOR ADDITIONAL DETAILS, NOTES AND SPECIFICATION INFORMATION INCLUDING MATERIALS, GUARANTEE AND EXECUTION RELATED TO

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, AND FINISH GRADING ARE COMPLETE

DE	QTY	BOTANICAL NAME / COMMON NAME	CONT	SIZE	LS POINTS
	5	Malus ioensis / Prairie Crabapple	B & B	1.5"Cal	15
,	3	Malus x `Prairifire` / Prairifire Crab Apple	B & B	1.5"Cal	15
DE	QTY	BOTANICAL NAME / COMMON NAME	CONT	SIZE	LS POINTS
1	3	Acer rubrum / Red Maple	B & B	2"Cal	35
	7	Betula nigra `Little King` TM / Fox Valley Birch	B & B	2" Cal (Multi-Stem)	35
!	3	Quercus bicolor / Swamp white oak	B & B	2"Cal	35
DE	QTY	BOTANICAL NAME / COMMON NAME	CONT	SIZE	LS POINTS
	9	Picea glauca `Densata` / Black Hills Spruce	B & B	5 ft tall min.	35
DE	QTY	BOTANICAL NAME / COMMON NAME	CONT	SIZE	LS POINTS
	19	Cornus sericea `Isanti` / Isanti Redosier Dogwood	3 gal	36" Min. Ht.	3
2	8	Fothergilla gardenii / Dwarf Fothergilla	3 gal	18" Min. Ht.	3
DE	QTY	BOTANICAL NAME / COMMON NAME	CONT	SIZE	LS POINTS
	11	Juniperus chinensis `Sea Green` / Sea Green Juniper	3 gal	18" Tall/Wide	4
	28	Juniperus horizontalis / Creeping Juniper	3 gal	18" Tall/Wide	4
DE	QTY	BOTANICAL NAME / COMMON NAME	CONT	SIZE	LS POINTS
•	11	Astilbe chinensis 'Visions in Red' / Chinese Astilbe	1 gal	Cont.	2
	30	Panicum virgatum 'North Wind' / Northwind Switch Grass	1 gal	Cont.	2
2	12	Panicum virgatum `Shenandoah` / Switch Grass	1 gal	Cont.	2
2	9	Sedum x `Autumn Joy` / Autumn Joy Sedum	1 gal	Cont.	2



19-9005

SCALE IN FEET

JSD PROJECT NO:

CONTRACTOR AND OWNER RESPONSIBILITY NOTES

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.

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.

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.

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.

								GENERAL NOTE	S
Madin	Í.		LAN Section	CITY DSCAPE 1 28.142 Mac	OF MA E WORK dison Genera	DISON (SHEET 1 Ordinance	1	. GENERAL: ALL WORK IN LOCAL MUNICIPAL REQUIF DEVIATIONS BY THE OWN RESULT IN DISCIPLINARY PRIOR TO CONSTRUCTION UTILITIES. CONTRACTOR PRIOR TO DIGGING. HAN PREVIOUSLY INSTALLED V PLANT MATERIALS FOR R ALL FINE GRADING AND	T ER AC I. MI ID VOI EV RE
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Name of Project Owner / Contact Contact Phone	t KEVIN YESKA – LANDSO	CAPE DESIG						SUN. DELIVER PLANTS ' AND DO NOT PRUNE PR OF DELIVERY: IF THIS IS	NIT NIT IOF N
,	** Landscape plans for zoning lots g MUST be prepared b	reater than ter	n thousand (1 landscape are	0,000) square	e feet in size			THEM IN A SHADED, SEC OTHER SUITABLE MEDIUM PREVENT ROOT DESICCAT TIME OF PLANTING. DO PLANTS SHALL BE LIFTED ACTUAL PLANTING ONLY	;UF
Applicability The following buildings, struc- their accessory	standards apply to all exterior constru- etures and parking lots, except the co- structures. The entire development sit	uction and deve onstruction of o te must be brou	elopment activ detached sing ght up to com	vity, including le-family and pliance with th	the expansion two-family d	n of existing wellings and less all of the	3	3. MATERIALS – PLANTING UNET STANDARD FOR NURSERY	۳۲ ۲
following cond (a) The	ations apply, in which case only the af	ten percent (10	ed to be broug %) of the enti	tre developme	liance: nt site during	any ten-(10)		CLIMATIC CONDITIONS SIN PLANTS SHALL BE FRESH SHALL BE SO TRAINED II	11L) HLN N
yea (b) Gro (c) No (d) An	ar period. sss floor area is only increased by ten p demolition of a principal building is ir y displaced landscaping elements must	percent (10%) c nvolved. t be replaced or	during any ten n the site and s	-(10) year peri	iod. vised landscar	ing plan.		FORM, COMPACTNESS, AN BRANCHED AND DENSELY PUPAE OR LARVAE). TH FREE FROM PHYSICAL DA PREMATURE MORTALITY. I HABITS AND FORM FOR	1D EY \M, PL/ TH
Landscape Ca Required lands defined as tha docking/loadin such as athleti landscape poin	Iculations and Distribution caped areas shall be calculated based t area within a single contiguous b g facilities, but excluding the area of c fields, and undeveloped land area ts depending on the size of the lot and	d upon the tota oundary which any building fo on the same z Zoning Distric	al developed a n is made up ootprint at gra zoning lot. T	area of the pr of structures ide, land desig	operty. Deve , parking, dr gnated for ope e methods fo	loped area is iveways and m space uses r calculating	2	 IREES SHALL HAVE A MI ADEQUATE VISUAL AND F PRUNING: THE CONTRACT DURING THE PLANTING P BROKEN DURING THE PL ALLOWED AT PLANTING. STANDARD FOR THE CA 	
(a) Fo	r all lots except those described in (b)) and (c) below	v, five (5) land	lscape points	shall be provi	ded for each		GUIDELINES. DO NOT TO PRACTICES. ON CUTS C	VE VP
thr	ee hundred (300) square feet of develo Total square footage of developed ar	oped area. rea 75,776.6	6 SF					AS NOT TO RETAIN WATE ANTISEPTIC TREE PAINT, THE MONTHS FROM APPI	R. IF
	Total landscape points required	1,263					t	5. CLEANUP: THE WORK AR SOIL. REMOVE ALL CUT	– EA TIN
(b) Fo fec act	r lots larger than five (5) acres , poir t for the first five (5) developed acres, es.	nts shall be prov , and one (1) po	vided at five (int per one hu	5) points per t ndred (100) so	hree hundred quare feet for	(300) square all additional		MATERIALS, ANY REJECTE AND PROMPTLY CLEAN U SHALL THE ACCUMULATIO PROPERTY IN SUCH A M UNDER NO CIRCUMSTANC	
	Total square footage of developed ar Five (5) acres = $217,800$ square feet	rea					6	ADJACENT PRIVATE PROP 3. ANY SUBSTITUTIONS IN F	ER 2LA
	First five (5) developed acres = $3,630$	0 points						ARCHITECT PRIOR TO INS	;TA PL
	Remainder of developed area Total landscape points required							PLAN TAKE PRECEDENCE	0
									-
(c) Fo	r the Industrial – Limited (IL) and one hundred (100) square feet of devi-	Industrial – G	General (IG) o	listricts, one ((1) point shall	be provided			<u>, 1</u> MIN
(c) Fo	r the Industrial – Limited (IL) and one hundred (100) square feet of deve Total square footage of developed ar	Industrial – G eloped area. rea	General (IG) o	districts, one ((1) point shal	be provided		LANDSCAPE MA MATERIALS – PLANTING ORNAMENTAL GRASSES S AND ONE (1) PART COM	MI) HA PC
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(c) Fo per 10/2013 Tabulation of Use the table to Plant Type Overstory dec Tall evergreen (i.e. pine, spru Ornamental tr Upright everg (i.e. arborvitat Shrub, decidu Shrub, decidu Shrub, evergr Ornamental g perennials Ornamental Existing signi specimen tree	r the Industrial – Limited (IL) and one hundred (100) square feet of developed are Total square footage of developed are Total landscape points required	Industrial – Geloped area. rea Il existing and performance of the second sec	Seneral (IG) of Credits/ Lands Quantity 20 37 74	scape element: Existing caping Points Achieved 700 1111 148	(1) point shall s. New/ P Lands Quantity 13 9 8 27 39 62	1 roposed caping Points Achieved 455 315 120 81 156 124		 MATERIALS – PLANTING I ORNAMENTAL GRASSES S AND ONE (1) PART COM MATERIALS – TOPSOIL: T STONES OR DEBRIS OVER MATERIALS. TOPSOIL SE SHALL BE TESTED TO EN TO MEET THESE SPECIFIC PLACEMENT. DO NOT PI LANDSCAPE AREAS PER MATERIALS – SHREDDED RECEIVE CERTIFIED WEED CONSISTENT DEPTH OF 3 APPROVED BY OWNER'S ACCORDANCE WITH APPL BARK MULCH AREAS SH. MATERIALS – TREE & S TO BE INSTALLED WITH / SPREAD TO A CONSISTED DEPTH SHOVEL CUT EDG OF THE TREE PLANTING. MIXED WITH MULCH USED INSTALLATION OF TREE F MATERIALS – POLYETHYN REPRESENTATIVE SHALL SEEDING NOTES 6" OF TOPSOIL AND EAR BY THE OWNER'S REPRE TO TURFGRASS SEED, AN 1/2 LBS PER 1000 SQU MULCH SHALL BE CERTIF 	MARC FRANCAS HEBRIA RELATION ER STATISTIC
(c) Fo per 10/2013 Tabulation of Use the table to Plant Type Overstory dec Tall evergreen (i.e. pine, spri Ornamental tr Upright everg (i.e. arborvita Shrub, decidu Shrub, decidu Shrub, evergr Ornamental/ decorative fer wall Existing signi specimen tree	r the Industrial – Limited (IL) and one hundred (100) square feet of developed ar Total square footage of developed ar Total landscape points required	Industrial – Geloped area. rea Il existing and performance of the second sec	Seneral (IG) of Credits/ Lands Quantity 20 37 74	scape element: Existing caping Points Achieved 700 1111 148	(1) point shall s. New/ P. Lands Quantity 13 9 8 27 39 62 39 62	1 roposed caping Points Achieved 455 315 120 81 156 124		 MATERIALS – PLANTING I ORNAMENTAL GRASSES S AND ONE (1) PART COM MATERIALS – TOPSOIL: T STONES OR DEBRIS OVER MATERIALS. TOPSOIL SE SHALL BE TESTED TO EN TO MEET THESE SPECIFIC PLACEMENT. DO NOT PL LANDSCAPE AREAS PER MATERIALS – SHREDDED RECEIVE CERTIFIED WEED CONSISTENT DEPTH OF 3 APPROVED BY OWNER'S ACCORDANCE WITH APPL BARK MULCH AREAS SH. MATERIALS – TREE & S TO BE INSTALLED WITH A SPREAD TO A CONSISTEN DEPTH SHOVEL CUT EDG OF THE TREE PLANTING. MIXED WITH MULCH USED INSTALLATION OF TREE F MATERIALS – POLYETHYI REPRESENTATIVE SHALL SEEDING NOTES 6" OF TOPSOIL AND EAR BY THE OWNER'S REPRE TO TURFGRASS SEED, AN 1/2 LBS PER 1000 SQU MULCH SHALL BE CERTIF 	MARC FRANCAS HEDROUL RUTATION LA SI STRUCTURE

specifications as stated in the current American Standard for Nursery Stock.

HE R-O-W AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH MENTS. JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY /CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY CTIONS BY ANY OR ALL REGULATORY AGENCIES. LOCATE ALL UTILITIES THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO UST CALL 1-800-382-5544 FOR UTILITY LOCATIONS AT LEAST THREE DAYS DIG AND INSTALL ALL PLANTS THAT ARE NEAR EXISTING UTILITIES. PROTECT RK OF OTHER TRADES. CONTRACTOR IS RESPONSIBLE FOR STAKING THE /IEW BY OWNER PRIOR TO DIGGING AND PLACEMENT AND SHALL COORDINATE STORATION WITH THE GRADING CONTRACTOR.

DO NOT DELIVER MORE PLANT MATERIALS THAN CAN BE PLANTED IN ONE PPROPRIATE AND SECURE STORAGE IS PROVIDED AND APPROVED BY AT ALL TIMES, PROTECT ALL PLANT MATERIALS FROM WIND AND DIRECT TH LEGIBLE IDENTIFICATION LABELS. PROTECT PLANTS DURING DELIVERY IR TO DELIVERY. ALL TREES AND SHRUBS SHALL BE PLANTED ON THE DAY NOT POSSIBLE, PROTECT THE PLANT MATERIALS NOT PLANTED BY STORING RE AREA, PROTECTING THE ROOT MASS WITH WET SOIL, MULCH, HAY OR CONTRACTOR TO KEEP ALL PLANT MATERIALS ADEQUATELY WATERED TO N. DO NOT REMOVE CONTAINER GROWN STOCK FROM CONTAINERS BEFORE IOT PICK UP CONTAINER OR BALLED PLANTS BY STEM OR ROOTS. ALL AND HANDLED FROM THE BOTTOM OF THE CONTAINER OR BALL. PERFORM HEN WEATHER AND SOIL CONDITIONS ARE SUITABLE IN ACCORDANCE WITH HORTICULTURAL PRACTICES.

PLANTS SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN STOCK ANSI Z60.1. PLANTS SHALL BE TRUE TO SPECIES AND VARIETY ROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES UNDER AR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST 2 YEARS. Y DUG (DURING THE MOST RECENT FAVORABLE HARVEST SEASON). PLANTS DEVELOPMENT AND APPEARANCE AS TO BE UNQUESTIONABLY SUPERIOR IN SYMMETRY. PLANTS SHALL BE SOUND, HEALTHY, VIGOROUS, WELL FOLIATED WHEN IN LEAF, AND FREE OF DISEASE AND INSECTS (ADULT EGGS, SHALL HAVE HEALTHY. WELL-DEVELOPED ROOT SYSTEMS AND SHALL BE AGE OR OTHER CONDITIONS THAT WOULD PREVENT THRIVING GROWTH OR ANTS SHALL BE OF THE HIGHEST QUALITY, POSSESS TYPICAL GROWTH EIR SPECIES AND BE FREE OF INJURY. PARKWAY TREES AND PARKING LOT IMUM BRANCHING HEIGHT OF SIX (6) FEET ABOVE THE GROUND TO ALLOW YSICAL CLEARANCE.

OR SHALL PRUNE ALL TREES AND REPAIR ANY INJURIES THAT OCCURRED DCESS. DOUBLE LEADERS, DEAD BRANCHES, AND LIMBS DAMAGED OR ITING PROCESS, SHALL BE PRUNED. THIS SHALL BE THE ONLY PRUNING PRUNING SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN OPERATIONS, ANSI A300. PRUNE TREES IN ACCORDANCE WITH NAA TREES. PRUNE SHRUBS ACCORDING TO STANDARD HORTICULTURAL ER 3/4" IN DIAMETER AND BRUISES OR SCARS ON BARK, TRACE THE BACK TO LIVING TISSUE AND REMOVE. SMOOTH AND SHAPE WOUNDS SO TREAT THE AREA WITH AN APPROVED INCONSPICUOUS LATEX BASED PRUNING OCCURS "IN SEASON". DO NOT PRUNE ANY OAK TREES DURING TO OCTOBER.

SHALL BE KEPT SAFE AND NEAT AT ALL TIMES. DISPOSED OF EXCESS NGS AND WASTE MATERIALS. SOIL AND BRANCHES. BIND AND WRAP THESE PLANTS, AND ANY OTHER DEBRIS RESULTING FROM ALL PLANTING TASKS AND REMOVE FROM THE PROJECT SITE. UNDER NO CIRCUMSTANCES OF SOIL, BRANCHES OR OTHER DEBRIS BE ALLOWED UPON A PUBLIC INER AS TO RESULT IN A PUBLIC SAFETY HAZARD OR DAMAGE. LIKEWISE, S SHALL ANY DEBRIS OR INCIDENTAL MATERIALS BE ALLOWED UPON

ANT TYPE, LOCATION, OR SIZE SHALL BE APPROVED BY LANDSCAPE ALLATION

ANT MATERIAL QUANTITIES AND SQUARE FOOTAGES. QUANTITIES SHOWN ON OVER THOSE ON SCHEDULE.

FERIAL NOTES

XTURE: ALL HOLES EXCAVATED FOR TREES, SHRUBS, PERENNIALS AND ALL BE BACKFILLED WITH TWO (2) PARTS TOPSOIL, ONE (1) PART SAND OST. SOIL MIXTURE SHALL BE WELL BLENDED PRIOR TO INSTALLATION.

SOIL TO BE CLEAN, FRIABLE LOAM FROM A LOCAL SOURCE, FREE FROM 3/4" IN DIAMETER. AND FREE FROM TOXINS OR OTHER DELETERIOUS L HAVE A pH VALUE BETWEEN 6 AND 7. TOPSOIL AND PLANTING SOIL JRE CONFORMANCE WITH THESE SPECIFICATIONS AND SHALL BE AMENDED TIONS. PROVIDE TEST RESULTS TO OWNER'S REPRESENTATIVE PRIOR TO ACE FROZEN OR MUDDY TOPSOIL. APPLY SOIL AMENDMENTS TO ALL SOIL TEST.

ARDWOOD BARK MULCH. ALL PLANTING AREAS LARELED ON PLAN SHALL REE SHREDDED HARDWOOD BARK MULCH INSTALLED TO A MINIMUM AND INCHES. SHREDDED HARDWOOD BARK MULCH SIZE & COLOR TO BE PRESENTATIVE PRIOR TO INSTALLATION. FERTILIZER SHALL BE IN ABLE LOCAL, COUNTY AND STATE REQUIREMENTS. SHREDDED HARDWOOD L NOT RECEIVE WOVEN WEED BARRIER FABRIC.

RUB RINGS: ALL TREES AND/OR SHRUBS PLANTED IN SEEDED LAWN AREAS MINIMUM 5' DIAMETER SHREDDED HARDWOOD BARK MULCH TREE RING DEPTH OF 3-INCHES. ALL TREE RINGS SHOULD BE INSTALLED WITH A 5" ANGLED 45 DEGREES INTO SOIL AT A 5' DIAMETER ABOUT THE CENTER PRE-EMERGENT GRANULAR HERBICIDE WEED-PREVENTER SHOULD BE TO INSTALL TREE RING AS WELL AS TOPICALLY APPLIED TO COMPLETED

ENE EDGING: EDGING SHALL BE 5" DEEP, POLYETHYLENE EDGING. OWNER'S PPROVE PRODUCT SPECIFICATION PROVIDED BY LANDSCAPE CONTRACTOR.

SEED: DISTURBED LAWN AREAS LABELED ON PLAN AS SUCH. SHALL RECEIVE CARPET'S "MADISON PARKS" GRASS SEED, OR EQUIVALENT AS APPROVED ENTATIVE, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. IN ADDITION UAL RYE SHALL BE APPLIED TO ALL DISTURBED AREAS AT A RATE OF 1 RE FEET. FERTILIZE AND MULCH PER MANUFACTURER'S RECOMMENDATIONS. ED NOXIOUS WEED SEED-FREE

GENERAL NOTES

- 1. DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. USE THE GIVEN DIMENSIONS. THE GENERAL CONTRACTOR (G.C.) IS TO VERIFY THE FLOOR PLAN AND BUILDING SECTION DIMENSIONS OF EXISTING CONDITIONS. IF DISCREPANCIES OCCUR NOTIFY THE ARCHITECT BEFORE COMMENCING WITH THE WORK.
- 2. CONTRACTOR SHALL PROVIDE STIFFENERS, BRACINGS, BACKING PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT WHETHER SUCH SUPPORTS ARE SHOWN OR NOT.
- 3. CMU COURSING, JOINTS AND BONDING PATTERN SHALL MATCH THE EXISTING ADJACENT WALLS UNLESS OTHERWISE NOTED. TOOTH IN ALL NEW CMU INTO EXISTING MASONRY AT INFILL AND NEW OPENINGS IN EXPOSED LOCATIONS.
- 4. WHERE NEW PARTITIONS ARE A CONTINUATION OF EXISTING PARTITIONS THE NEW FINISH SURFACES SHALL BE FLUSH, CONTINUOUS, AND MATCH THE EXISTING SURFACES - TYPICAL ON BOTH SIDES.

LEGEND:

COMPLIANT LEVER HANDLE

WITH ADA COMPLIANT LEVER HANDLE EXISTING DOOR TO BE REMOVED NEW WALL - SKYLIGHTS ABOVE EXISTING WALL TO BE REMOVED AND ROOF INFILLED ± <u>−</u> BE REMOVED NEW APPROVED ILLUMINATED EXIT SIGN WITH EMERGENCY LIGHTS AND 90 MINUTE - FLOOR TO BE STRIPED MIN. BATTERY BACK-UP, TYP. AS EGRESS PATH APPROVED EMERGENCY LIGHTING WITH 90 STORAGE MINUTE MIN. BATTERY BACK-UP, TYP. --SEE EGRESS LIGHTING PLAN SHEETS EM-1, EM-2, AND EM-3 EXISTING NEW REPAIR SHOP 124 17'-8" - CONTROL JOINT (C.J.) EXT $14^{0}14^{0}$ 2'-0" $\frac{\text{TECHNICIANS}}{117}$ MEN'S LOCKER ROOM ¦∏₿ $\frac{\text{MEN}}{115}$ 6" ROOF CONDUCTOR

EXISTING 3 HR. FIRE BARRIER WALL CORR. 114 DPEN TO ABOVE A6 / X. 19 A6 - 3 HOUR FIRE-RESIST. RATED COILING DOOR EXISTING WAREHOUSE 125 WOMEN SALES NEW 8'W x 10'H OPENING-MANAGER 113 <u>SALES</u> 102 EXISTING WOMEN'S LOCKER ROOM 6" ROOF BREAK ROOM 110 1'-0" CONDUCTOR _____ CORR. 103 OFFICE 109 OFFICE 108 OFFICE 107 TRAINING 106 $\frac{\text{CONFERENCE}}{105}$ 11'-10 1/2" $14^{0}14^{0}$ 7 S4 FOR CONTROL JOINT DETAIL 14'-0" 2'-0" ______

EXISTING NEW

Lal	bel	Quantity	Manufacturer		Catalog Number				
0	С	3	Lithonia Lightin	g	KAD LED				
	Symbol	Avg	Мах	Min	Max/Min	Avg/Min			
	+	3.3 fc	13.1 fc	0.2 fc	65.5:1	16.5:1			
	Ж	0.0 fc	1.0 fc	0.0 fc	N/A	N/A			

EXPANSION LOT RKING GR **IRU**

Designer

Date 5/22/2019 Scale Not to Scale Drawing No.

Summary

Specifications

1.2 ft ² (0.11 m ²)
17-1/2" (44.5 cm)
17-1/2" (44.5 cm)
7-1/8" (18.1 cm)
36 lbs. (16.4 kg)

A+ Capable options indicated by this color background.

Catalog Numbe Notes

Туре

4+ Capable Luminaire

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

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL[®] controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability1
- This luminaire is part of an A+ Certified solution for ROAM[®]2 or XPoint[™] Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background¹

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

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

Ordering Information									E>	KAMPLE:	KAD LED 40C 1000 40k	(R5	MVOLT	SPD04	DDBXD	
KAD LED																
Series	LEDs		Drive c	urrent	сст		Distr	ibution	Voltage		Mounting ³					
KAD LED	20C ¹ 20 L 30C ¹ 30 L 40C 40 L 60C 60 L	EDs EDs EDs EDs	530 700 1000	530 mA ¹ 700 mA 1000 mA	30K 40K 50K	3000 K 4000 K 5000 K	R2 R3 R4 R5	Type II Type III Type IV Type V	MVOLT ² 120 ³ 208 ^{2,3} 240 ^{2,3}	277 ³ 347 ^{1,2} 480 ^{1,2}	Shipped inclu SPUMBAK RPUMBAK SPD RPD WBD WWD	ided Square pole universal mounting adaptor ⁵ Round pole universal mounting adaptor ⁵ Square pole Round pole Wall bracket Wood pole or wall	04 06 09 12	4" arm 6" arm 9" arm ⁴ 12" arm ⁵	Shipped se DAD12P DAD12WB KMA	parately Degree arm (pole) Degree arm (wall) Mast arm external fitter

1	Option								Finish (re	Finish (required)				
	Shipp	ed installed					Ship	ped separately ¹⁶	DDBXD	Dark bronze	DDBTXD	Textured dark		
	PER5	NEMA twist-lock five-wire receptacle only (no controls) 67.8	PIR1FC3V	Bi-level, motion/ambient sensor, 8–15' mounting height, ambient	PNMTDD3	Part night, dim till dawn ^{2,10,15}	WG	Wire guard	DBLXD	Black Natural	DBLBXD	bronze Textured black		
	PER7	Seven-wire receptacle only (no controls) 6.7,8		sensor enabled at 1fc ^{2,9,10,11,12}	PNMT5D3	Part night, dim			Dinite	aluminum	DNATXD	Textured natural		
	SF	Single fuse (120, 277, 347V) ³	PIKHIFC3V	BI-level, motion/ambient sensor, 15–30' mounting height ambient	PNMT6D3	5 NIS 2,10,15 Dant night dins		DWHXD	White	DWILCVD	aluminum			
	DF	Double fuse (208, 240, 480V) ³		sensor enabled at 1fc ^{2,9,10,11,12}		6 hrs ^{2,10,15}					DWHGXD	lextured white		
	PIR	Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ^{2,9,10,11,12}	BL30	Bi-level switched dimming, 30% ^{2,8,9,10}	PNMT7D3	Part night, dim 7 hrs ^{2,10,15}								
	PIRH	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ^{2,9,10,11,12}	BL50	Bi-level switched dimming, 50% ^{2,8,9,10}	HS	Houseside shield $^{\rm 16}$								

Ordering Information

Stock configurations are offered for shorter lead times:

		Olde	reu anu smppeu separately.
Standard Part Number	Stock Part Number	DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) 17
00°00°00°00°00		DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) 17
KAD LED 30C 1000 40K R3 MVOLT PUMBAK09 DDBXD*	KADL 30C 40K R3	DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) 17
		DSHORT SBK U	Shorting cap 17
KAD LED 30C 1000 40K R5 MVOLT PUMBAK09 DDBXD*	KADL 30C 40K R5	KADLEDHS 20C U	Houseside shield for 20 LED unit
KAD LED 40C 1000 40K R3 MVOLT PUMBAK09 DDBXD*	KADL 40C 40K R3	KADLEDHS 30C U	Houseside shield for 30 LED unit
KAD LED 40C 1000 40K R5 MVOLT PUMBAK09 DDRXD*		KADLEDHS 40C U	Houseside shield for 40 LED unit
KAD EED 40C 1000 40K KS MVOEL FOMDAK09 DDDXD	RADE 40C 40K KS	KADLEDHS 60C U	Houseside shield for 60 LED unit
KAD LED 30C 1000 40K R3 MVOLT PUMBAK09 PIRH DDBXD	* KADL 30C 40K R3 PIRH	KMA DDBXD U	Mast arm adapter (specify finish)
KAD LED 30C 1000 40K R5 MVOLT PUMBAK09 PIRH DDBXD	* KADL 30C 40K R5 PIRH	KADWG U	Wire guard accessory
		PUMBAK DDBXD U*	Square and round pole universal mount-
KAD LED 40C 1000 40K R3 MVOLT PUMBAK09 PIRH DDBXD	* KADL 40C 40K R3 PIRH		ing bracket adaptor (specify finish)
KAD LED 40C 1000 40K B5 MVOLT PUMBAK09 PIRH DDBXD	* KADI 40C 40K R5 PIRH		
		For more control	options, visit DTL and ROAM online.
*PUMBAK is not standard nomenclature.		*Round pole t	op must be 3.25″ O.D. minimum.

NOTES

Accessories

20C or 30C LED are not available with 530 Drive Current and 347V 1 or 480V

- Any PIRx with BL30, BL50 or PNMT, is not available with 208V,240V, 347V, 480V or MVOLT. It is only available in 120V or 277V specified 2 3
- MVOLT driver operates on any line voltage from 120-277V (50/6 Hz). Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option. 4 9" or 12" arm is required when two or more luminaires are oriented
- on a 90° drilling pattern. 5 Available as a separate combination accessory: PUMBAK (finish) U.
- Mounting must be restricted to $\pm 45^{\circ}$ from horizontal aim per ANSI C136.10-2010. Not available with motion sensor. 6
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. 7 Shorting cap included.
- 8 If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming. Shorting cap included.
- 9 PIR and PIR1FC3V specify the Se GR-10-ODP control GR-6-ODP control; PIRH and PIRH1FC3V specify the SensorSwit see Outdoor Control Technical Guide for details. Dimming driver standard. Not available with PER5 or PER7.
- 10 Maximum ambient temperature with 347V or 480V is 30°C.
- 11 Reference Motion Sensor table. 12
- Reference PER table on page 3 to see functionality.
- Requires an additional switched circuit with same phase as main 13 luminaire power. Supply circuit and control circuit are required to be in the same phase.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, PER5, PER7 or PNMT options. 14
- 15 Dimming driver standard. MVOLT only. Not available with 347V, 480V, PER5, PER7, BL30 or BL50.
- 16 Also available as a separate accessory; see Accessories information. 17
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

LITHONIA LIGHTING

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.

	Discourt	C	D1.4	30К			40K				50K							
LEDs	Drive Current	System	Dist.			0 K, 70	CRI)			(400	0 K, 70	CRI)			(500	0 K, 70	CRI)	
	(IIIA)	Walls	туре	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW
			R2	4,140	1	0	1	118	4,446	1	0	1	127	4,473	1	0	1	128
	520 mA	2514	R3	4,123	1	0	1	118	4,427	1	0	1	126	4,455	1	0	1	127
	530 MA	5200	R4	4,128	1	0	1	118	4,433	1	0	1	127	4,460	1	0	1	127
			R5	4,381	2	0	1	125	4,704	3	0	1	134	4,734	3	0	1	135
			R2	5,271	1	0	1	117	5,660	1	0	1	126	5,696	1	0	2	127
200	700 4	4514	R3	5,250	1	0	2	117	5,637	1	0	2	125	5,672	1	0	2	126
20C	700 MA	45W	R4	5,256	1	0	2	117	5,644	1	0	2	125	5,679	1	0	2	126
			R5	5,578	3	0	1	124	5,990	3	0	1	133	6,027	3	0	1	134
			R2	7,344	1	0	2	101	7,886	2	0	2	108	7,935	2	0	2	109
	1000	70144	R3	7,314	1	0	2	100	7,854	1	0	2	108	7,903	1	0	2	108
	1000 mA	/3W	R4	7,322	1	0	2	100	7,863	1	0	2	108	7,912	1	0	2	108
			R5	7,771	3	0	1	106	8,345	3	0	1	114	8,397	3	0	1	115
			R2	6,166	1	0	2	116	6,621	1	0	2	125	6,663	1	0	2	126
			R3	6,141	1	0	2	116	6,594	1	0	2	124	6,635	1	0	2	125
	530 mA	53W	R4	6,148	1	0	2	116	6,602	1	0	2	125	6,643	1	0	2	125
			R5	6,525	3	0	1	123	7,006	3	0	1	132	7,050	3	0	1	133
			R2	7,817	2	0	2	113	8,395	2	0	2	122	8,447	2	0	2	122
		69W	R3	7,785	1	0	2	113	8,360	2	0	2	121	8,412	2	0	2	122
30C	700 mA		R4	7,794	1	0	2	113	8,370	1	0	2	121	8,422	1	0	2	122
			R5	8,272	3	0	2	120	8,883	3	0	2	129	8,938	3	0	2	130
			R2	10.755	2	0	2	100	11.549	2	0	2	107	11.621	2	0	2	108
			R3	10.711	2	0	2	99	11.502	2	0	2	106	11.574	2	0	2	107
	1000 mA	108W	R4	10.724	2	0	2	99	11.515	2	0	2	107	11.587	2	0	2	107
			R5	11.381	3	0	2	105	12.221	4	0	2	113	12.297	4	0	2	114
	530 mA		R2	8.156	2	0	2	115	8.758	2	0	2	123	8.812	2	0	2	124
		71W	R3	8,122	2	0	2	114	8.722	2	0	2	123	8.776	2	0	2	124
			R4	8,132	1	0	2	115	8.732	1	0	2	123	8.786	1	0	2	124
			R5	8.630	3	0	2	122	9,267	3	0	2	131	9,325	3	0	2	131
			R2	10.286	2	0	2	109	11.045	2	0	2	118	11.114	2	0	2	118
		94W	R3	10.244	2	0	2	109	11.000	2	0	2	117	11.069	2	0	2	118
40C	700 mA		R4	10 256	2	0	2	109	11 013	2	0	2	117	11 081	2	0	2	118
			R5	10,233	3	0	2	116	11.688	4	0	2	124	11.761	4	0	2	125
			R2	13 923	2	0	2	99	14 951	2	0	2	106	15 045	2	0	2	107
			R3	13,866	2	0	3	98	14 890	2	0	3	106	14 983	2	0	3	106
	1000 mA	141W	R4	13,882	2	0	3	98	14 907	2	0	3	106	15 000	2	0	3	106
			R5	14 733	4	0	2	104	15 821	4	0	2	112	15 920	4	0	2	113
			R2	11 996	2	0	2	116	12 882	2	0	2	125	12 963	2	0	2	126
			R3	11 947	2	0	2	116	12,802	2	0	2	125	12,909	2	0	2	125
	530 mA	103W	R4	11 961	2	0	2	116	12,844	2	0	2	125	12,905	2	0	2	125
			R5	12 694	4	0	2	123	13 632	4	0	2	132	13 717	4	0	2	133
			R2	14 927	2	0	2	109	16.029	3	0	- 3	117	16 130	3	0	3	118
			R3	14,866	2	0	3	109	15.964	2	0	3	117	16.063	2	0	3	117
60C	700 mA	137W	R4	14,884	2	0	2	109	15,987	2	0	3	117	16,082	2	0	3	117
			R5	15 796	4	n	2	115	16 967	4	n	,	174	17 068	4	n	2	125
			R2	19 328	3	0	3	89	20 754	3	0	3	96	20.884	3	0	3	97
			R3	19 748	3	0	3	89	20,751	3	0	4	96	20,007	3	0	4	96
	1000 mA	216W	R4	19,240	3	0	3	89	20,005	3	0	4	96	20,755	3	0	4	96
			R5	20 452	4	n	2	95	20,075	4	0	7	107	20,023	4	0	7	102
			0	20,452	1		4	,,,	21,702		0	4	102	22,077	-	0	4	102

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40 $^{\circ}C$ (32-104 $^{\circ}F).$

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

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **KAD LED** platform 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

operating routs below. For other runter maintenance values, contact factory.												
Operating Hours	0	25,000	50,000	100,000								
	KAD LED 60C 1000											
	1.0	0.91	0.86	0.76								
Lumen Maintenance	KAD LED 40C 1000											
Factor	1.0	0.93	0.88	0.79								
	KAD LED 60C 700											
	1.0	0.98	0.97	0.94								

	Motion Sensor Default Settings												
Option	Dimmed State	High Level (when triggered)	Phototcell Operation	Dwell Time	Ramp-up Time	Ramp-down Time							
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min							
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min							
*for use with Inline Duck to	in the second												

*for use with Inline Dusk to Dawn or timer.

DED Table												
Рсктаріе												
Control	PER	PER	5 (5 wire)	PER7 (7 wire)								
Control	(3 wire)		Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7						
Photocontrol Only (On/Off)	~	A	Wired to dimming leads on driver	A	Wired to dimming leads on driver	Wires Capped inside fixture						
ROAM	\bigcirc	~	Wired to dimming leads on driver	A	Wired to dimming leads on driver	Wires Capped inside fixture						
ROAM with Motion (ROAM on/off only)	\bigcirc	A	Wires Capped inside fixture	A	Wires Capped inside fixture	Wires Capped inside fixture						
Future-proof*	\bigcirc	A	Wired to dimming leads on driver	~	Wired to dimming leads on driver	Wires Capped inside fixture						
Future-proof* with Motion		A	Wires Capped inside fixture	~	Wires Capped inside fixture	Wires Capped inside						

✔ Recommended Will not work

Alternate

*Future-proof means: Ability to change controls in the future.

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

Electrical Load

			Current (A)							
Number of LEDs	Drive Current (mA)	System Watts	120	208	240	277	347	480		
20	530	35	0.30	0.18	0.16	0.15	-	-		
	700	45	0.39	0.23	0.20	0.18	0.15	0.12		
	1000	73	0.61	0.35	0.31	0.27	0.22	0.17		
30	530	53	0.44	0.26	0.23	0.20	-	-		
	700	69	0.58	0.34	0.29	0.26	0.21	0.16		
	1000	108	0.90	0.52	0.46	0.40	0.32	0.24		
40	530	71	0.60	0.35	0.32	0.29	0.21	0.16		
	700	94	0.79	0.46	0.41	0.36	0.27	0.20		
	1000	141	1.18	0.68	0.59	0.52	0.42	0.30		
60	530	103	0.87	0.50	0.44	0.39	0.29	0.22		
	700	137	1.15	0.66	0.58	0.51	0.40	0.29		
	1000	216	1.81	1.04	0.92	0.81	0.63	0.47		

NOTE: All ratings in this table are for a nominal system operated at 25°C ambient temperature. Current and power specifications in this table do not include branch circuit derating specified in the National Electrical Code. Please observe all applicable electrical codes and ratings.

FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings and long life of the KAD LED area luminaire make it a reliable choice for illuminating streets, walkways, parking lots, and surrounding areas.

CONSTRUCTION

Single-piece die-cast, aluminum housing with contoured edges has a 0.12" nominal wall thickness. Die-cast door frame has an impact-resistant, tempered glass lens that is fully gasketed with one piece tubular silicone.

FINISH

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

OPTICS

Precision-molded refractive acrylic lenses are available in four distributions. Light engines are available in standard 4000K, 3000K or 5000K (70 CRI) configurations.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to a metal-core circuit board and aluminum heat sink, ensuring optimal thermal management and long life. Class 1 electronic driver has a power factor >90%, THD <20%, and has an expected life of 100,000 hours with <1% failure rate. Easilyserviceable surge protection device meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

INSTALLATION

Included universal mounting block and extruded aluminum arm facilitate quick and easy installation using nearly any existing drilling pattern. Stainless steel bolts fasten the luminaire to the mounting block securing it to poles or walls. The KAD LED can withstand up to a 1.5 G vibration load rating per ANSI C136.31. The KAD LED also utilizes the standard K-Series (Template #5) for pole drilling.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. Rated for -40 $^{\circ}\mathrm{C}$ minimum ambient.

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

WARRANTY

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

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

